Characterization of the Vector Network Analyzer used as primary S-parameter standard

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INRiM TECHNICAL REPORT 3/2015

M. Sellone, N. Shoaib, P. Terzi

February 2015

Abstract

In recent years for the realization of the scattering parameters (S-parameter) primary standard INRIM adopted a software called `VNA Tools II` developed by the Federal Institute of Metrology METAS, the Swiss NMI. This software guides the user through all the measurement process providing, in the end, the measurement result and its uncertainty, in a way compliant with the Guide to the Expression of Uncertainty in Measurement - GUM.

To evaluate the uncertainty of the S-parameter measurements, the software uses an internal database that contains all the uncertainty sources necessary for the computation. Those values can be either extracted from the manufacturer specifications or they can be measured on the actual instrument used in the laboratory, strategy gives the most realistic and precise characterization of the set-up employed.

This report describes the characterization procedure of the VNA used to realize the S-parameters primary standard to obtain the data necessary for the `VNA Tools II` database.

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This report describes the characterization procedure of the VNA used to realize the S-parameters primary standard to obtain the data necessary for the `VNA Tools II` database.

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1 Introduction

In the field of scattering parameter (S-parameter) measurements, the evaluation of the uncertainty is still an open question, due to the fact that the guide provided by EURAMET, the European Association of National Metrology Institutes, [1] presents some issues. To solve this problem, different solutions have been proposed. Among them, the Federal Institute of Metrology METAS, the Swiss National Metrology Institute (NMI), proposed and developed a software, called `VNA Tools II` [2], that allows to evaluate the S-parameter uncertainty according the the Guide to the Expression of Uncertainty in Measurement - GUM [3], [4] when measurements are performed by means of Vector Network Analyzers (VNAs).

INRIM, in recent years, adopted the VNA Tools II to maintain the S-parameter primary standard and disseminate it to the Accredia LAT laboratories.

The uncertainty computed by the program is based on an database filled with the characteristic parameters of the uncertainty sources as they have been defined in the software itself.

The uncertainty sources considered by the package are [2]:

1. Noise floor and trace noise of the VNA
2. Linearity of the VNA
3. Drift of switch and error terms of the calibration
4. Cable stability
5. Connector repeatability
6. Definition of the calibration standards.

As it can be seen, the devices involved in the uncertainty evaluation are the calibration standards, the cables and connectors used, and the VNA used. These data can be, at least in principle, extracted from the manufacturer specifications, even though an actual characterization of the instruments and all the accessories used in the laboratory would provide a better and more precise estimation of the final uncertainty.

In the INRIM laboratory, a procedure has been started to actually characterize, at the best of the laboratory capabilities, all the uncertainty sources to be inserted into the `VNA Tools II` database, starting from the Vector Network Analyzer Agilent E8364C PNA used.

The procedure described in the following has been applied to the E8364C in order to evaluate all the characteristics that have to be inserted into the database. For this reason measurements have been collected with the default settings usually adopted during measurements for research or dissemination purposes. These settings include the output power set to $-17\,\mathrm{dBm}$ for both source 1 and 2, the IF bandwidth set to $10\,\mathrm{Hz}$ and the average factor set to 1. The reference impedance is set to $50\,\Omega$. All the characterization has been conducted in $2.4\,\mathrm{mm}$ connection on the whole frequency range of the instrument (from $10\,\mathrm{MHz}$ to $50\,\mathrm{GHz}$), with the exception of the Linearity as will be explained later) so to cover completely all the possible working conditions.

The data obtained from this characterization have then been inserted into the proper location of the database and used to evaluate the measurement uncertainty. Due to quality requirements of the laboratory, this procedure must be repeated annually, to take into account possible variations of the instrument characteristics. Moreover in the future other procedures will be set with the aim of characterizing also the cables and connectors actually

used in the laboratory, so to compute uncertainties with the proper values of the devices employed.

2 Uncertainty sources and their evaluation

The uncertainty sources considered in the `VNA Tools II` database are the ones listed in Sec. 1. Specific measurement processes, described in the following, have been used to evaluate them.

2.0.1 Noise

The noise is measured on the uncalibrated VNA, because this quantity is not influenced by the calibration itself.

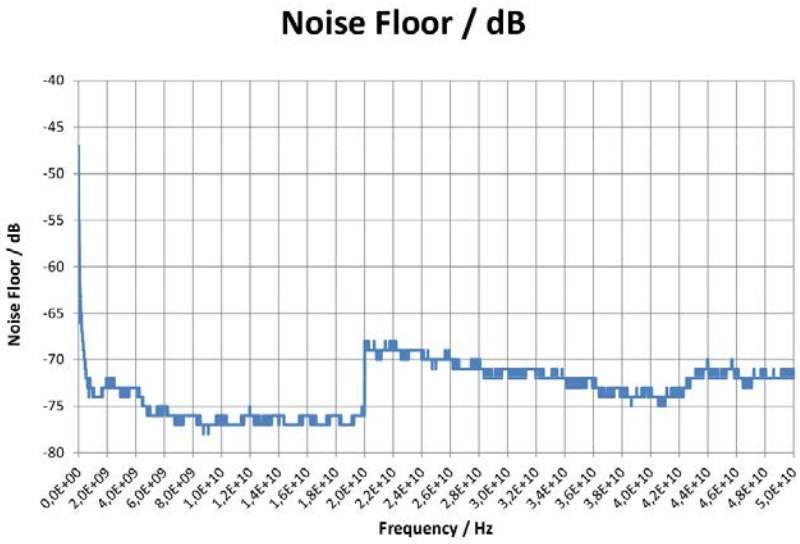


Figure 1: Noise Floor (dB) for PNA E8364C.

The noise contribution is evaluated over a repeated number of measurements collected when a short is connected to port one and a load to port two, and then vice versa. On this repeated measurements the noise is evaluated according to the following equations:

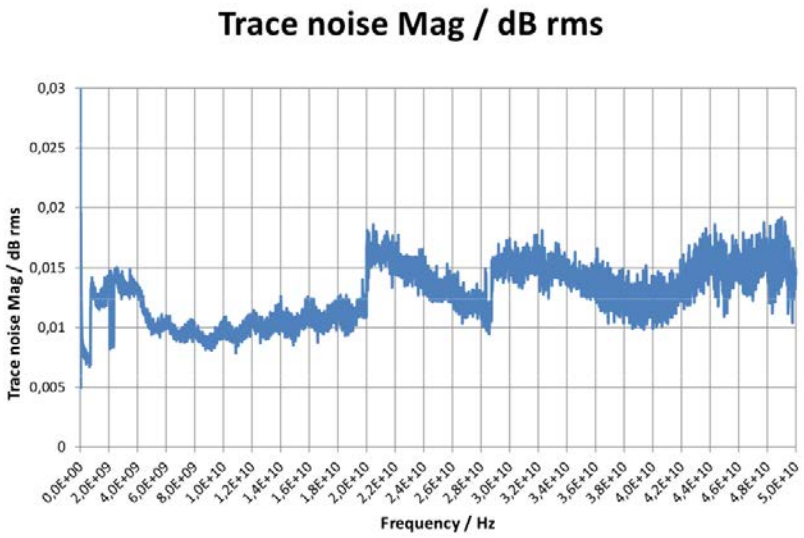


Figure 2: Trace noise magnitude (dB rms) for PNA E8364C.

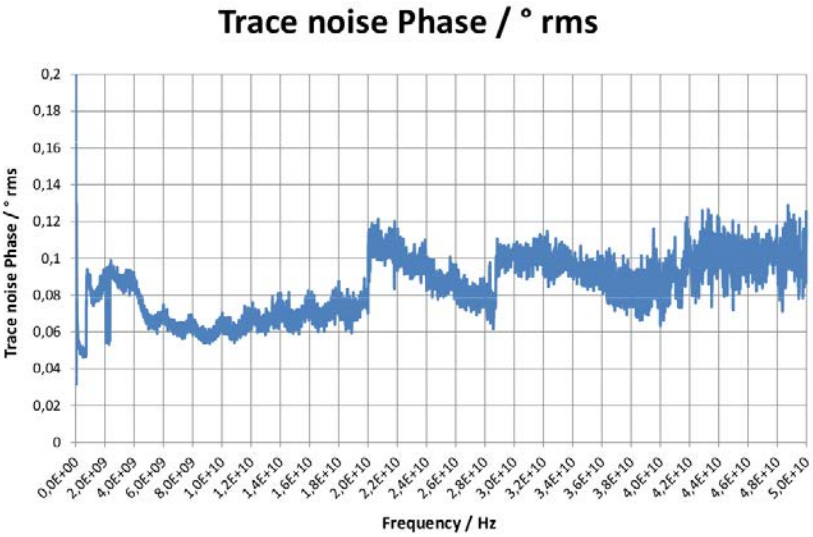


Figure 3: Trace noise phase (° rms) for PNA E8364C.

$$N_L = mean(20\log(|S_{21} - mean(S_{21})|)) \tag{1}$$

where N_L is the noise floor, expressed in dB, that must be normalized to 0 dB;

$$N_H^{mag} = std(20\log(|S_{11}/mean(S_{11})|)) \tag{2}$$

where N_H^{mag} is the trace noise magnitude expressed in dB rms;

$$N_H^{pha} = \frac{180}{\pi} std(arg(|S_{11}/mean(S_{11})|)) \tag{3}$$

where N_H^{pha} is the trace noise phase expressed in $^\circ$ rms.

In the first series of measurement the computation is made on S_{11} and S_{21}; after reversing short and load, the computation is made on S_{22} and S_{12}.

Having the results on the two sets of data, the noise used in the `VNA Tools II` database is the maximum at each frequency computed in the two different measurement conditions.

In Fig. 1 it is shown the noise floor for the PNA E8364C. The noise floor presents very high values at the lowest frequencies, that are the working limit of the instrument, then it shows an almost constant trend with the increasing frequency. At 20 GHz the Noise Floor presents a step due to the change of the internal generator working conditions.

Fig. 2 shows the trace noise magnitude, while Fig. 3 shows the trace noise phase. The trend for these two quantities is similar: at very low frequencies peaks are present due to the fact that the instrument is working at the limits of its frequency band. Figures are then almost constant up to 20 GHz where a first step occurs. The quantity then decreases and around 29 GHz another step occurs after which the Trace Noise decreases and then increases again.

In section B.1 a table is shown containing the data used in the `VNA Tools II` database.

2.0.2 Linearity

The method to compute the parameter of the VNA linearity to be inserted into the `VNA Tools II` uses a step attenuator calibrated against a Waveguide Below Cut-Off (WBCO).

The characterization to be used in the database has been carried on with a Hewlett Packard 8494G (0-11 dB, 1 dB steps) connected to a Hewlett Packard 8496G (0-110 dB, 10 dB steps); both the attenuators were controlled by a Hewlett Packard 11713A Attenuator/Switch Driver and presented type-N connectors. The attenuators have been calibrated at the National Physical Laboratory - NPL, the British NMI. The certificate of calibration provided by NPL is presented in App. A. In principle, with this connection it is possible to obtain a step attenuator that ranges from 0 to 121 dB with 1 dB steps. Actually the step attenuator has been calibrated from 0 to 90 dB in 5 dB steps at the frequency of 50 MHz and from 0 to 80 dB in 5 dB steps at the frequency of 1 GHz. For this reasons the measurements for the linearity to be used in the `VNA Tools II` database have been taken only in those two frequency points. It can be assumed that the linearity evaluated in those points is constant also for higher and lower frequency values, because the VNA receivers works always at the same frequency level for the whole frequency range and then the RF signal is down converted by a mixer. We chose, in the end, to use the value measured at 1 GHz because they appeared to be more stable than the ones at 50 MHz.

The procedure to evaluate the linearity requires to perform a full two port calibration and measure all the possible states of a calibrated attenuator. Then the incremental attenuations of the error corrected data are computed and compared with the values provided in the calibration certificate. The linearity is then the difference between those two values.

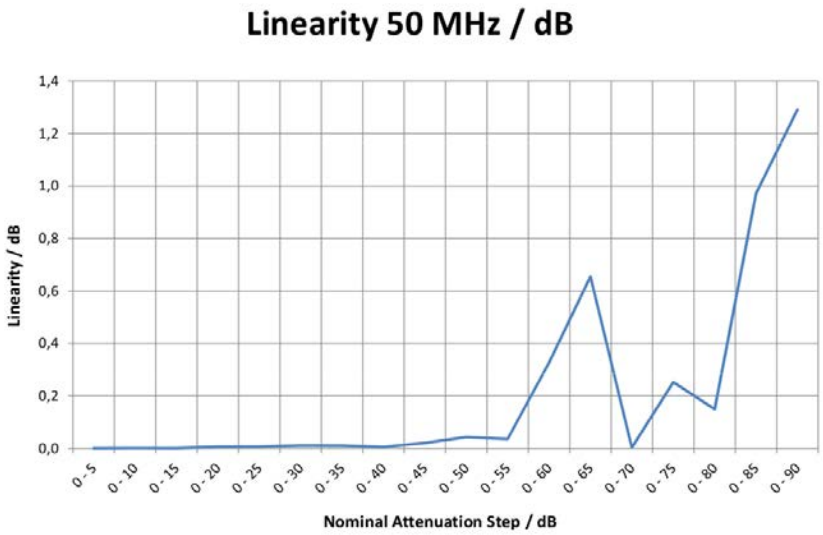


Figure 4: Linearity (dB) at 50 MHz for PNA E8364C.

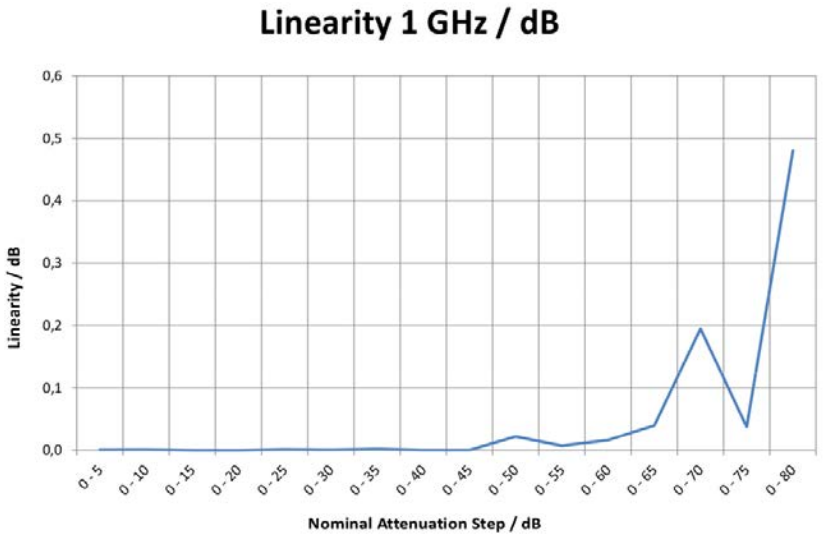


Figure 5: Linearity (dB) at 1 GHz for PNA E8364C.

The incremental attenuation and the linearity (for example for S_{21} at 20 dB for a specific frequency) to be inserted into the database can be computed as follows:

$$|S_{21}^{Inc,meas}| = |S_{21}^{@\ 20\,\mathrm{dB}}| - |S_{21}^{@\ 0\,\mathrm{dB}}| \tag{4}$$

where $|S_{21}^{Inc,meas}|$ is the incremental attenuation of the measured values, $|S_{21}^{@\ 20\,\mathrm{dB}}|$ is the S_{21} estimate at 20 dB and $|S_{21}^{@\ 0\,\mathrm{dB}}|$ is the S_{21} estimate at 0 dB. From this values it is possible to compute the linearity as follows:

$$Linearity(S_{21}) = |S_{21}^{Inc,meas}| - |S_{21}^{Inc,cert}| \tag{5}$$

where $Linearity(S_{21})$ is the linearity of S_{21}, $|S_{21}^{Inc,meas}|$ is the incremental attenuation of the measured estimate, while $|S_{21}^{Inc,cert}|$ is the incremental attenuation provided by the certificate. In the previous equations all the computations are performed on the modulus expressed in dB and the value computed is the linearity error in magnitude, i.e. $Linearity(S_{21})_{mag}$.

Figure 4 shows the linearity of the E8364C at 50 MHz up to −90 dB compute according to the procedure described. The trend of this graph appears to be almost constant up o 55 dB, then presents some oscillations due, probably, to the increase of frequency. A similar behaviour is visible also in Fig. 5, but in this case the trend is constant up to 65 dB.

Since the linearity is computed as a difference between a measured value and a reference value that comes from a calibration certificate, it is possible that the difference result is lower than the certificate uncertainty. This is, of course, possible, but it is not metrologically correct to use this difference as source of uncertainty, if this is lower than the uncertainty with which the "true" value of the attenuation (on the certificate) is known. For that reason when this situation occurs the value used in the database is the certificate uncertainty itself. The general rule is that in the database it has been inserted the maximum value between the linearity computed as in Eq. 5 and the uncertainty of the incremental attenuation shown in the NPL

certificate.

Once the linearity error in magnitude is obtained, the error in phase is a function of it and it is computed as follows:

$$Linearity(S_{21})_{pha} = 6.6 \cdot Linearity(S_{21})_{mag} \tag{6}$$

where $Linearity(S_{21})_{pha}$ is the phase error of the linearity expressed in degrees, $Linearity(S_{21})_{mag}$ is the magnitude error expressed in dB and 6.6 is a proper conversion coefficient.

Finally in the database only a subset of the results obtained is inserted. In particular some selected power levels are chosen: −320 dB, −100 dB, −50 dB, −40 dB, −30 dB, −20 dB, −10 dB, 0 dB and 20 dB. This is due to the fact that the `VNA Tools II` requires to store in the database values for the whole power level range. The data are obtained as follows:

20 dB Is used when an active device is measured (such as for example an amplifier). Since it is not possible to characterize the linearity error at this level with a step attenuator it is necessary to estimate a value for this level from the experience. It has been chosen the value of 0.02 dB.

0 dB Exactly at 0.000 00 dB there would be no linearity error by definition, but at 0.000 01 dB there could be a linearity error. For that reason the error is set to the same value used at −10 dB.

from −10 dB **to** −40 dB The values used are the ones computed with the procedure described above.

−50 dB In this case the value used is not the one coming from the computation, because this error comes from the noise floor. Instead it has been selected the same value used at −40 dB.

$-100\,\mathrm{dB}$ It is used for very small levels. The error used is the same value set at $-40\,\mathrm{dB}$.

$-320\,\mathrm{dB}$ It is used for very tiny levels. The error used is the same value set at $-40\,\mathrm{dB}$.

In section B.2 a table is shown containing the data used in the `VNA Tools II` database. Note that, as already mentioned, it can be assumed that the linearity evaluated at a certain frequency (specifically for this case 1 GHz) is constant also for higher and lower frequency values, because the receivers of the VNA works always at the same frequency level for the whole frequency range and then the RF signal is down converted by a mixer. In the table presented, so, the value computed at 1 GHz is assigned to both the frequencies of 10 MHz and 50 GHz (the two frequency band limits) that are the points used by the software to compute the linearity error influence also for all the other frequency levels.

2.0.3 Drift

The drift of the VNA is evaluated on the corrected data, for this reason a calibration is requested.

After the calibration, the two ports of the VNA are connected together to obtain a thru connection. The thru is then measured immediately after the calibration, then after 1 h and finally after 24 h. In principle the definition of the drift is for the 24 h variation, but in the case of our laboratory, measurements of the devices under test (DUTs) are performed always immediately after the calibration, that is repeated if new devices need to be measured after a delay of time. For this reason it has been evaluated that the elapsed time from the beginning of the calibration procedure to the end of the DUT measurements never exceed one hour. For this reason,

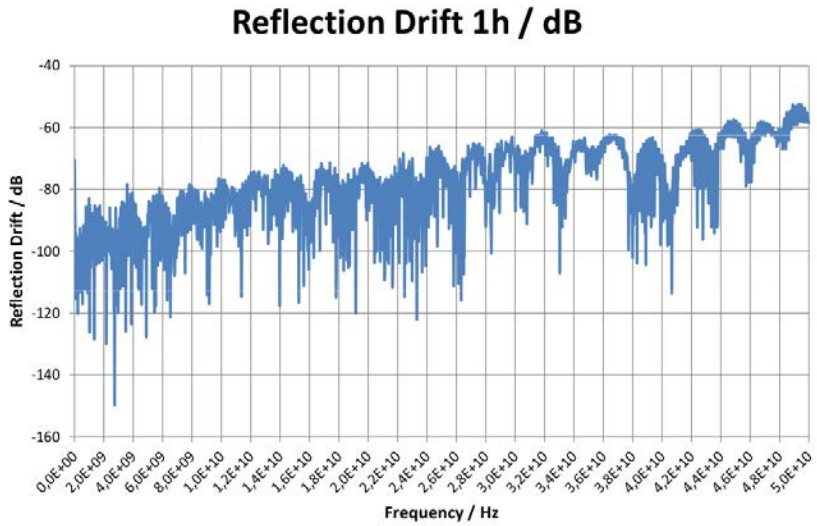


Figure 6: Reflection Drift (dB) after 1 h for PNA E8364C.

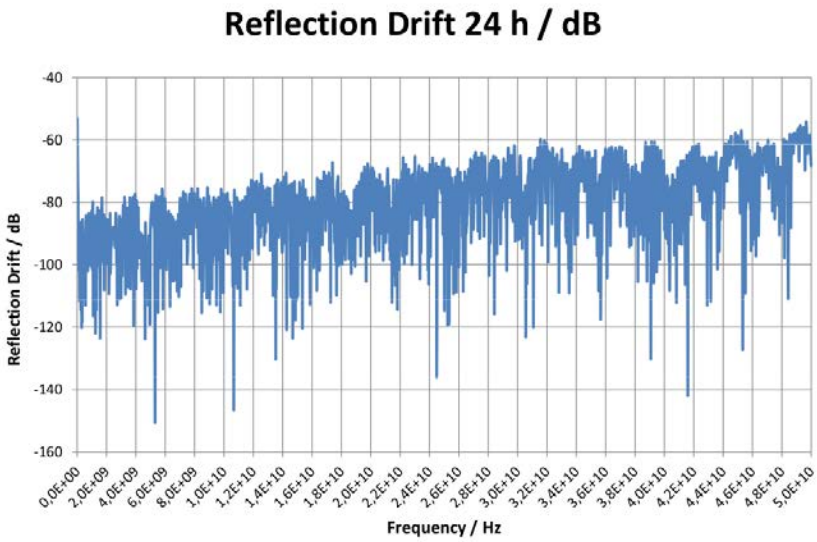


Figure 7: Reflection Drift (dB) after 24 h for PNA E8364C.

to reduce the uncertainty contribution due to the drift, in the `VNA Tools II` database we decided to insert the values related to the 1 h drift, but we computed the 24 h drift to evaluate the performances of the instrument also in other conditions.

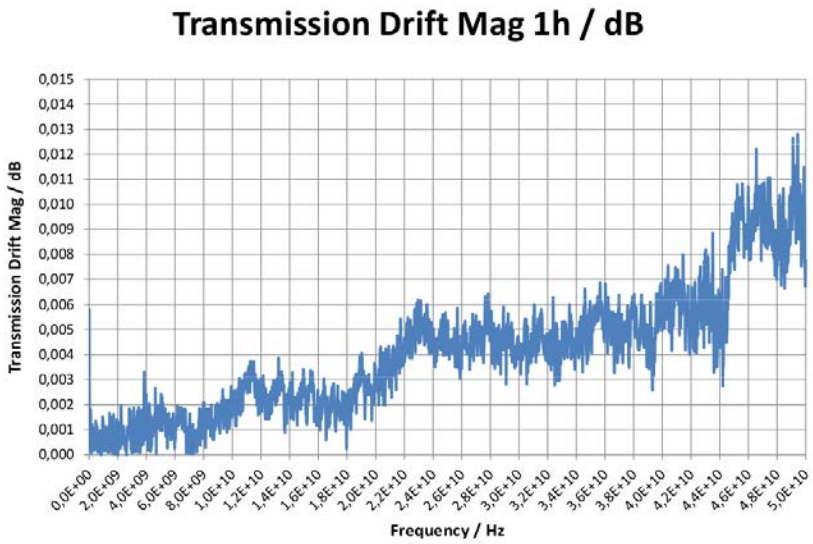


Figure 8: Transmission Drift Magnitude (dB) after 1 h for PNA E8364C.

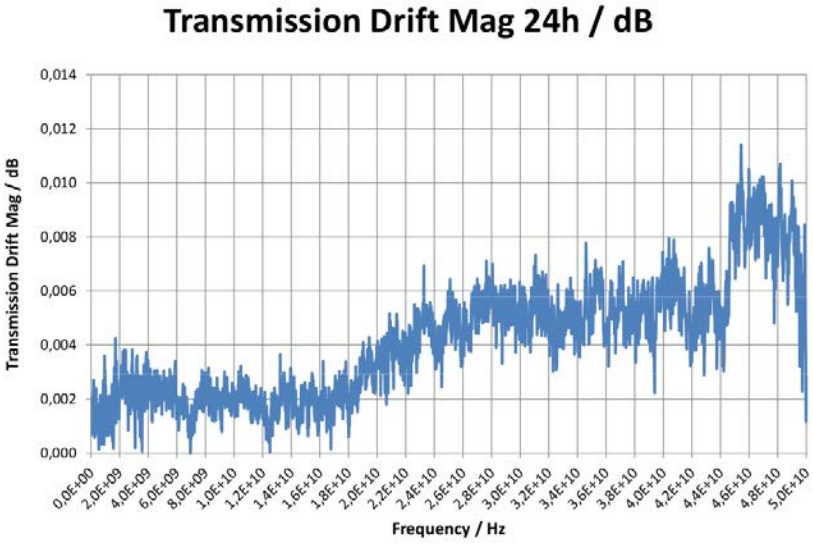


Figure 9: Transmission Drift Magnitude (dB) after 24 h for PNA E8364C.

From the measurements it is possible to evaluate the following parameters, in which the superscript 1 h refers to the measurements performed after one hour from the calibration and the superscript 0 refers to the measurement performed immediately after the calibration:

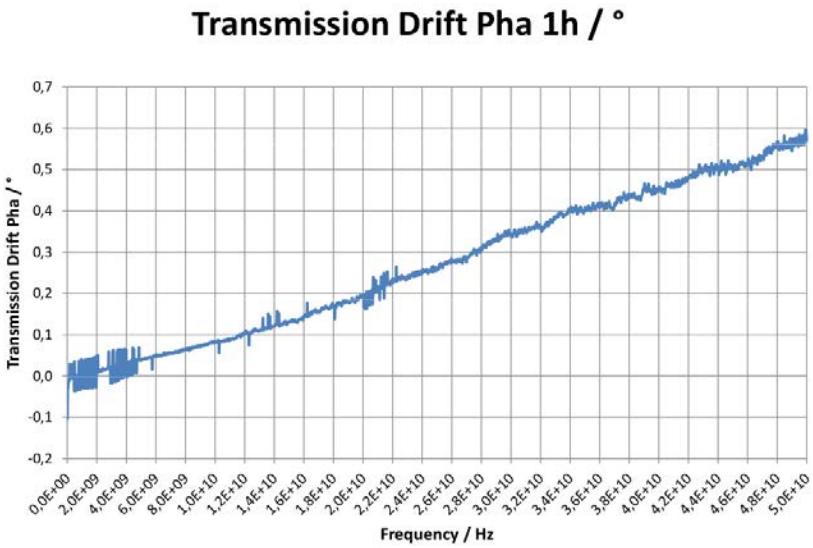


Figure 10: Transmission Drift Phase (°) after 1 h for PNA E8364C.

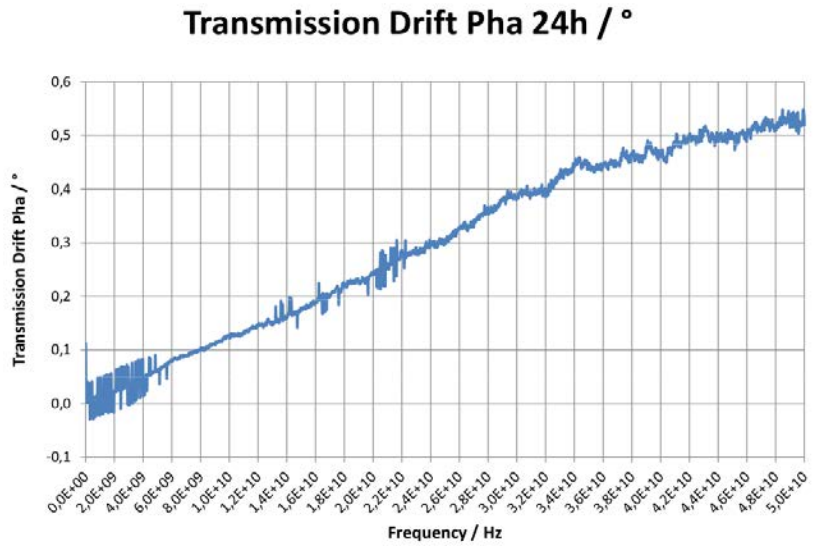


Figure 11: Transmission Drift Phase (degree) after 24 h for PNA E8364C.

$$R_D = 20 \cdot log_{10} \cdot (|S_{11}^{1\,\mathrm{h}} - S_{11}^{0}|) \tag{7}$$

where R_D is the reflection drift expressed in dB and computed as a

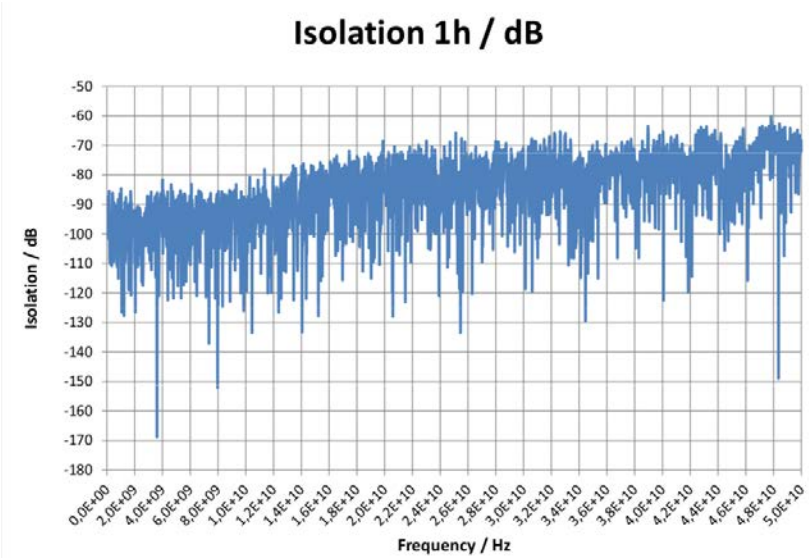


Figure 12: Isolation (dB) after 1 h for PNA E8364C.

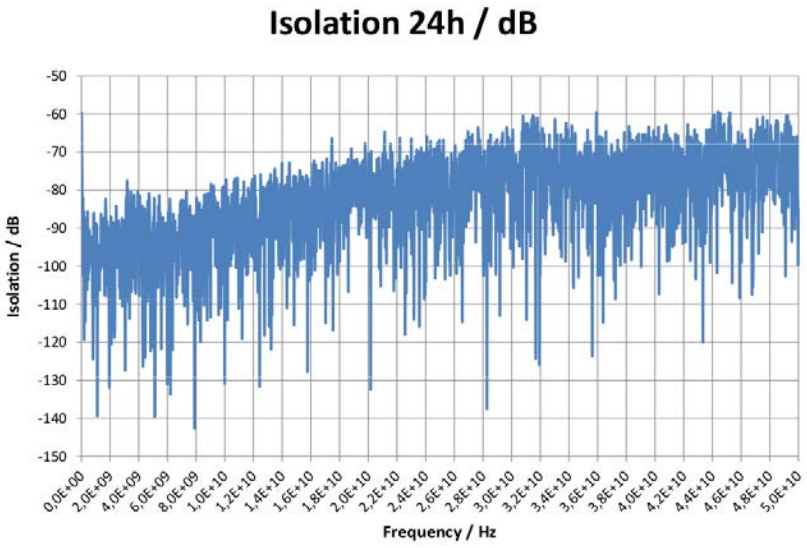


Figure 13: Isolation (dB) after 24 h for PNA E8364C.

difference on the magnitude of the reflection coefficients expressed in linear magnitude and then converted in dB;

$$T_{D_{Mag}} = |S_{21}^{1\,\mathrm{h}} - S_{21}^{0}| \tag{8}$$

where $T_{D_{Mag}}$ is the transmission drift magnitude expressed in dB and computed as a difference on the magnitude of the transmission coefficients expressed in dB themselves;

$$T_{D_{Pha}} = \angle(S_{21}^{1\,\mathrm{h}}) - \angle(S_{21}^{0}) \tag{9}$$

where $T_{D_{Pha}}$ is the transmission drift phase computed as a difference on the phase of the transmission coefficients expressed in °.

The isolation is expressed as the difference between the two reflection parameters for each measurement executed:

$$I^{0} = |S_{11}^{0} - S_{22}^{0}| \tag{10}$$

$$I^{1\,\mathrm{h}} = |S_{11}^{1\,\mathrm{h}} - S_{22}^{1\,\mathrm{h}}| \tag{11}$$

and finally the isolation drift is computed as follows:

$$I_D = 20 \cdot log_{10} \cdot (I^{1\,\mathrm{h}} - I^{0}) \tag{12}$$

expressed in dB and evaluated on the magnitude expressed in linear magnitude and then converted in dB. Superscript 24 h should be used according to the case investigated.

Figures 6 and 7 shows, respectively, the reflection drift after 1 h and 24 h. The reflection drift present a similar trend for both the case and is always lower than −60 dB.

Figures 8 and 9 show, respectively, the transmission drift magnitude after 1 h and 24 h. Both the graphs show a similar trend and a maximum level around 0.012 dB.

In fig. 10 and 11 are presented the result for the transmission drift phase. In both cases the Transmission Drift Phase increases with frequencie up to

around 0.6°. Moreover the signal appears to be more noisy up to 5 GHz.

Finally fig. 12 and 13 present the isolation drift after 1 h and 24 h. The trend is similar in both cases, the maximum value remains below −60 dB, but the isolation after 24 h appears to be more noisy.

In section B.3 a table is shown containing the data used in the `VNA Tools II` database.

3 Conclusion

The measurement procedure presented in this report has been applied to the characterization of the PNA E8364C, the VNA used to maintain the primary power standard of S-parameters, in order to fill the `VNA Tools II` database with the actual values of the instrument to evaluate the most correct uncertainty for the measured values.

The characterization values provided as results, are not only more reliable than the one previously used in the database, that came from manufacturer specifications, but also lower, this improving the final uncertainty reachable by the laboratory in the S-parameter measurements. The results have been presented in the text in form of graph and in appendix B in tables that recall the same form in which they are loaded into the software database. This method will be applied, accordingly with the technical procedure stated for the primary standard realization and dissemination, each year, in order to update the database accordingly to the variation due to the usage of the instrument.

References

[1] European Association of National Metrology Institutes (EURAMET), "EURAMET cg-12 v.2.0, Guidelines on the Evaluation of Vector Network Analyzers (VNA)," Available online at www.euramet.org, March 2011.

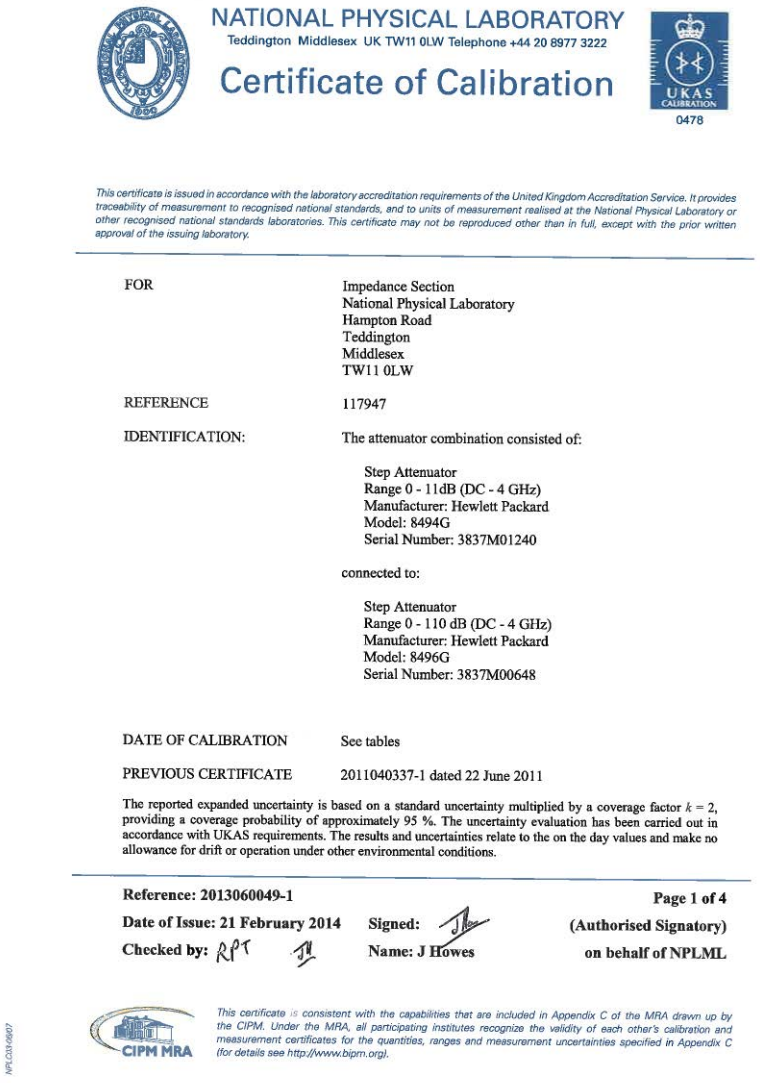
[2] M. Wollensack, J. Hoffmann, J. Ruefenacht, and M. Zeier, "VNA Tools II: S-parameter uncertainty calculation," in *Microwave Measurement Conference (ARFTG), 2012 79th ARFTG*, 2012, pp. 1–5.

[3] BIPM, IEC, IFCC, ILAC, ISO, IUPAC, IUPAP, and OIML, "JCGM 100:2008, Evaluation of measurement data - Guide to the expression of uncertainty in measurement," International Organization for Standardization (ISO), Online: http://www.bipm.org/en/publications/guides/gum.html, September 2008.

[4] ——, "JCGM 102:2011, Evaluation of measurement data - Supplement 2 to the "Guide to the expression of uncertainty in measurement" - Extension to any number of output quantities," International Organization for Standardization (ISO), Online: http://www.bipm.org/en/publications/guides/gum.html, October 2011.

A NPL Certificate

In this appendix the certificate of the NPL step attenuator used to evaluate the VNA E8364C linearity is presented.



NATIONAL PHYSICAL LABORATORY
Teddington Middlesex UK TW11 0LW Telephone +44 20 8977 3222

Certificate of Calibration

UKAS CALIBRATION 0478

This certificate is issued in accordance with the laboratory accreditation requirements of the United Kingdom Accreditation Service. It provides traceability of measurement to recognised national standards, and to units of measurement realised at the National Physical Laboratory or other recognised national standards laboratories. This certificate may not be reproduced other than in full, except with the prior written approval of the issuing laboratory.

FOR	Impedance Section National Physical Laboratory Hampton Road Teddington Middlesex TW11 0LW
REFERENCE	117947
IDENTIFICATION:	The attenuator combination consisted of: Step Attenuator Range 0 - 11dB (DC - 4 GHz) Manufacturer: Hewlett Packard Model: 8494G Serial Number: 3837M01240 connected to: Step Attenuator Range 0 - 110 dB (DC - 4 GHz) Manufacturer: Hewlett Packard Model: 8496G Serial Number: 3837M00648
DATE OF CALIBRATION	See tables
PREVIOUS CERTIFICATE	2011040337-1 dated 22 June 2011

The reported expanded uncertainty is based on a standard uncertainty multiplied by a coverage factor $k = 2$, providing a coverage probability of approximately 95 %. The uncertainty evaluation has been carried out in accordance with UKAS requirements. The results and uncertainties relate to the on the day values and make no allowance for drift or operation under other environmental conditions.

Reference: 2013060049-1 **Page 1 of 4**

Date of Issue: 21 February 2014 **Signed:** **(Authorised Signatory)**

Checked by: RPT **Name: J Howes** **on behalf of NPLML**

CIPM MRA

This certificate is consistent with the capabilities that are included in Appendix C of the MRA drawn up by the CIPM. Under the MRA, all participating institutes recognize the validity of each other's calibration and measurement certificates for the quantities, ranges and measurement uncertainties specified in Appendix C (for details see http://www.bipm.org).

NPLCI31-09/07

Figure 14: NPL step attenuator certificate - page 1.

NATIONAL PHYSICAL LABORATORY

Continuation Sheet

MEASUREMENTS

The device under test was controlled using an HP Model 11713A attenuator/switch driver.

The attenuation steps were measured on the NPL 0.5 to 100 MHz and 100 to 2000 MHz Attenuator Calibrators which use the Voltage Ratio Method (described by FL Warner et al in IEEE Trans IM-32 pp 33-37, 1983). The attenuation reference standard was an inductive voltage divider operated at 10 kHz.

The device under test was inserted between a signal source and a tuned receiver. The reflection coefficients of the source, the receiver and the device under test were measured and used to calculate the mismatch uncertainty.

The reference or datum for the measurement of incremental attenuation was defined by connecting the device under test into the measurement system and setting it to the minimum attenuation value.

The measured attenuation values relate to the performance of the device under test when connected into a transmission line system having a characteristic impedance of 50 Ω.

For the period of the calibration the laboratory is maintained at a stable temperature that is within the accredited range 23.0 ± 1.5 °C, the measured temperature and stability is reported in the results.

The device is allowed to acclimatise for a period of at least 24 hours prior to measurement.

Reference: 2013060049-1 **Page 2 of 4**

Checked by: RPT JW

NPL CS09.08/13

Figure 15: NPL step attenuator certificate - page 2.

NATIONAL PHYSICAL LABORATORY

Continuation Sheet

RESULTS

Measurement Frequency 50 MHz ± 50 Hz
Laboratory Temperature 22.0 ± 0.2 °C
Results are the mean of 10 measurements
Date of calibration: 5 – 15 November 2013

Step Attenuator combination: 8494G & 8496G					
Nominal Attenuation Step (dB)	Mean Measured Attenuation Step (dB)	Random Uncertainty (dB)	Total Uncertainty (dB)	Switch Position(s)	
				8494G 1234	8496G 1234
0 - 5	5.025	0.0001	0.002	1 + 3	0
0 - 10	10.018	0.0002	0.002	0	1
0 - 15	15.041	0.0003	0.002	1 + 3	1
0 - 20	19.937	0.0004	0.002	0	2
0 - 25	24.961	0.0004	0.003	1 + 3	2
0 - 30	29.956	0.0004	0.003	0	1 + 2
0 - 35	34.978	0.0005	0.003	1 + 3	1 + 2
0 - 40	40.188	0.0008	0.004	0	3
0 - 45	45.213	0.0009	0.005	1 + 3	3
0 - 50	50.207	0.0008	0.005	0	1 + 3
0 - 55	55.230	0.0009	0.005	1 + 3	1 + 3
0 - 60	60.126	0.0010	0.006	0	2 + 3
0 - 65	65.151	0.0010	0.007	1 + 3	2 + 3
0 - 70	70.145	0.0010	0.007	0	1 + 2 + 3
0 - 75	75.168	0.0011	0.007	1 + 3	1 + 2 + 3
0 - 80	80.353	0.0011	0.008	0	3 + 4
0 - 85	85.380	0.0011	0.009	1 + 3	3 + 4
0 - 90	90.372	0.0012	0.010	0	1 + 3 + 4

Reference: 2013060049-1

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Checked by: RPT JR

NPLCS300-09/13

Figure 16: NPL step attenuator certificate - page 3.

NATIONAL PHYSICAL LABORATORY

Continuation Sheet

Measurement Frequency 1 GHz ± 1 kHz
Laboratory Temperature 22.0 ± 0.2°C
Results are the mean of 10 measurements
Date of calibration: 30 January – 3 February 2014

Step Attenuator combination: 8494G & 8496G					
Nominal Attenuation Step (dB)	Mean Measured Attenuation Step (dB)	Random Uncertainty (dB)	Total Uncertainty (dB)	Switch Position(s)	
				8494G 1234	8496G 1234
0 - 5	5.023	0.0015	0.004	1 + 3	0
0 - 10	10.020	0.0015	0.004	0	1
0 - 15	15.040	0.0027	0.004	1 + 3	1
0 - 20	19.929	0.0019	0.004	0	2
0 - 25	24.954	0.0035	0.005	1 + 3	2
0 - 30	29.946	0.0037	0.005	0	1 + 2
0 - 35	34.969	0.0035	0.005	1 + 3	1 + 2
0 - 40	40.191	0.0029	0.005	0	3
0 - 45	45.214	0.0046	0.007	1 + 3	3
0 - 50	50.208	0.0041	0.007	0	1 + 3
0 - 55	55.230	0.0040	0.007	1 + 3	1 + 3
0 - 60	60.117	0.0042	0.007	0	2 + 3
0 - 65	65.140	0.0049	0.008	1 + 3	2 + 3
0 - 70	70.132	0.0050	0.008	0	1 + 2 + 3
0 - 75	75.156	0.0051	0.009	1 + 3	1 + 2 + 3
0 - 80	80.352	0.0051	0.009	0	3 + 4

Reference: 2013060049-1

Page 4 of 4

Checked by: RPT JH

NPL CS06-09/13

Figure 17: NPL step attenuator certificate - page 4.

B Data inserted in the VNA Tools II database

Tables of the characteristic data inserted into the VNA Tools II database.

B.1 Noise

Frequency / Hz	Noise Floor / dB	Trace Noise Mag / dB rms	Trace Noise Phase / ° rms
1,000E+07	-67	0,00485	0,05477
2,000E+07	-78	0,00183	0,01782
3,000E+07	-82	0,00128	0,00774
4,000E+07	-86	0,00116	0,00508
5,000E+07	-89	0,00082	0,00296
6,000E+07	-90	0,00066	0,00246
7,000E+07	-92	0,00057	0,00298
8,000E+07	-93	0,00050	0,00690
9,000E+07	-94	0,00044	0,00319
1,000E+08	-95	0,00051	0,00356
1,500E+08	-97	0,00052	0,00327
2,000E+08	-99	0,00045	0,00797
2,500E+08	-100	0,00045	0,00528
3,000E+08	-101	0,00050	0,00227
3,500E+08	-102	0,00042	0,00569
4,000E+08	-103	0,00054	0,00297
4,500E+08	-104	0,00041	0,00211
5,000E+08	-105	0,00045	0,00176
5,500E+08	-105	0,00050	0,00147
6,000E+08	-106	0,00044	0,00172
6,500E+08	-106	0,00044	0,00147
7,000E+08	-106	0,00047	0,00189
7,500E+08	-107	0,00052	0,00173
8,000E+08	-107	0,00050	0,00205
8,500E+08	-108	0,00044	0,00169
9,000E+08	-108	0,00043	0,00194
9,500E+08	-108	0,00046	0,00238
1,000E+09	-108	0,00056	0,00139
1,050E+09	-109	0,00044	0,00178
1,100E+09	-109	0,00044	0,00243
1,150E+09	-108	0,00054	0,00246
1,200E+09	-109	0,00050	0,00247
1,250E+09	-109	0,00042	0,00173
1,300E+09	-109	0,00041	0,00170
1,350E+09	-109	0,00047	0,00141
1,400E+09	-109	0,00043	0,00192
1,450E+09	-109	0,00058	0,00290
1,500E+09	-109	0,00046	0,00192
1,550E+09	-109	0,00048	0,00338
1,600E+09	-108	0,00050	0,00192
1,650E+09	-108	0,00043	0,00160
1,700E+09	-108	0,00046	0,00159
1,750E+09	-108	0,00045	0,00165
1,800E+09	-108	0,00059	0,00214
1,850E+09	-108	0,00046	0,00180
1,900E+09	-108	0,00043	0,00161
1,950E+09	-107	0,00042	0,00341
2,000E+09	-108	0,00048	0,00205
2,050E+09	-107	0,00045	0,00185
2,100E+09	-107	0,00046	0,00202
2,150E+09	-108	0,00044	0,00214
2,200E+09	-107	0,00041	0,00189
2,250E+09	-107	0,00052	0,00252
2,300E+09	-107	0,00043	0,00271
2,350E+09	-107	0,00048	0,00152
2,400E+09	-108	0,00042	0,00216
2,450E+09	-107	0,00043	0,00157
2,500E+09	-107	0,00041	0,00343

Table 1: Noise results as inserted into the VNA Tools II database - 1.

Frequency / Hz	Noise Floor / dB	Trace Noise Mag / dB rms	Trace Noise Phase / ° rms
2,550E+09	-108	0,00041	0,00211
2,600E+09	-108	0,00049	0,00211
2,650E+09	-108	0,00041	0,00179
2,700E+09	-108	0,00053	0,00156
2,750E+09	-108	0,00044	0,00167
2,800E+09	-108	0,00059	0,00575
2,850E+09	-108	0,00052	0,00344
2,900E+09	-108	0,00042	0,00301
2,950E+09	-108	0,00044	0,00173
3,000E+09	-108	0,00049	0,00468
3,050E+09	-108	0,00053	0,00193
3,100E+09	-108	0,00049	0,00406
3,150E+09	-108	0,00042	0,00167
3,200E+09	-108	0,00046	0,00255
3,250E+09	-108	0,00042	0,00284
3,300E+09	-108	0,00051	0,00334
3,350E+09	-108	0,00047	0,00473
3,400E+09	-108	0,00052	0,00295
3,450E+09	-108	0,00046	0,00233
3,500E+09	-108	0,00044	0,00186
3,550E+09	-108	0,00046	0,00239
3,600E+09	-108	0,00041	0,00236
3,650E+09	-108	0,00058	0,00310
3,700E+09	-108	0,00044	0,00233
3,750E+09	-108	0,00048	0,00230
3,800E+09	-107	0,00051	0,00437
3,850E+09	-108	0,00047	0,00202
3,900E+09	-108	0,00042	0,00203
3,950E+09	-108	0,00045	0,00216
4,000E+09	-108	0,00041	0,00220
4,050E+09	-108	0,00043	0,00273
4,100E+09	-108	0,00042	0,00183
4,150E+09	-109	0,00044	0,00283
4,200E+09	-108	0,00044	0,00248
4,250E+09	-109	0,00044	0,00664
4,300E+09	-109	0,00055	0,00639
4,350E+09	-109	0,00044	0,00187
4,400E+09	-109	0,00051	0,00438
4,450E+09	-109	0,00046	0,00773
4,500E+09	-109	0,00051	0,00871
4,550E+09	-110	0,00048	0,00662
4,600E+09	-110	0,00053	0,00936
4,650E+09	-110	0,00046	0,00206
4,700E+09	-110	0,00050	0,00280
4,750E+09	-110	0,00054	0,00498
4,800E+09	-110	0,00045	0,00625
4,850E+09	-111	0,00041	0,00276
4,900E+09	-110	0,00040	0,00215
4,950E+09	-111	0,00045	0,00284
5,000E+09	-111	0,00053	0,00385
5,050E+09	-111	0,00042	0,00392
5,100E+09	-111	0,00048	0,00330
5,150E+09	-111	0,00045	0,00387
5,200E+09	-111	0,00045	0,00668
5,250E+09	-111	0,00049	0,00391
5,300E+09	-111	0,00047	0,00640
5,350E+09	-111	0,00044	0,00225
5,400E+09	-111	0,00047	0,00494

Table 2: Noise results as inserted into the `VNA Tools II` database - 2.

Frequency / Hz	Noise Floor / dB	Trace Noise Mag / dB rms	Trace Noise Phase / ° rms
5,450E+09	-110	0,00048	0,00829
5,500E+09	-111	0,00045	0,00426
5,550E+09	-110	0,00064	0,00699
5,600E+09	-110	0,00051	0,01290
5,650E+09	-110	0,00043	0,00319
5,700E+09	-110	0,00052	0,01153
5,750E+09	-110	0,00043	0,00232
5,800E+09	-110	0,00062	0,01193
5,850E+09	-111	0,00048	0,00361
5,900E+09	-110	0,00047	0,00232
5,950E+09	-110	0,00044	0,00795
6,000E+09	-110	0,00039	0,00372
6,050E+09	-110	0,00043	0,00273
6,100E+09	-110	0,00059	0,00748
6,150E+09	-110	0,00044	0,00696
6,200E+09	-110	0,00042	0,00266
6,250E+09	-110	0,00051	0,00353
6,300E+09	-111	0,00047	0,00616
6,350E+09	-111	0,00042	0,00420
6,400E+09	-111	0,00061	0,00430
6,450E+09	-111	0,00049	0,00591
6,500E+09	-111	0,00049	0,00464
6,550E+09	-111	0,00049	0,00554
6,600E+09	-111	0,00048	0,00329
6,650E+09	-111	0,00044	0,00343
6,700E+09	-111	0,00040	0,00439
6,750E+09	-111	0,00046	0,00545
6,800E+09	-111	0,00048	0,00302
6,850E+09	-112	0,00047	0,00373
6,900E+09	-111	0,00040	0,00450
6,950E+09	-112	0,00040	0,00357
7,000E+09	-111	0,00045	0,00569
7,050E+09	-112	0,00070	0,01325
7,100E+09	-111	0,00050	0,00427
7,150E+09	-111	0,00047	0,00589
7,200E+09	-111	0,00046	0,00523
7,250E+09	-111	0,00045	0,00327
7,300E+09	-111	0,00050	0,00653
7,350E+09	-111	0,00040	0,00202
7,400E+09	-111	0,00043	0,00939
7,450E+09	-111	0,00046	0,00494
7,500E+09	-111	0,00046	0,00323
7,550E+09	-111	0,00049	0,00437
7,600E+09	-111	0,00043	0,00655
7,650E+09	-111	0,00046	0,00410
7,700E+09	-111	0,00040	0,00312
7,750E+09	-111	0,00063	0,00739
7,800E+09	-111	0,00043	0,00271
7,850E+09	-111	0,00051	0,00546
7,900E+09	-111	0,00047	0,00505
7,950E+09	-111	0,00042	0,00805
8,000E+09	-111	0,00049	0,00624
8,050E+09	-111	0,00050	0,00281
8,100E+09	-111	0,00043	0,00333
8,150E+09	-111	0,00045	0,00432
8,200E+09	-111	0,00053	0,00426
8,250E+09	-111	0,00049	0,00301
8,300E+09	-111	0,00046	0,00273

Table 3: Noise results as inserted into the `VNA Tools II` database - 3.

Frequency / Hz	Noise Floor / dB	Trace Noise Mag / dB rms	Trace Noise Phase / ° rms
8,350E+09	-111	0,00059	0,00648
8,400E+09	-111	0,00047	0,00490
8,450E+09	-111	0,00046	0,00253
8,500E+09	-112	0,00048	0,00479
8,550E+09	-112	0,00042	0,00223
8,600E+09	-112	0,00044	0,00360
8,650E+09	-112	0,00047	0,00432
8,700E+09	-112	0,00047	0,00580
8,750E+09	-112	0,00048	0,00555
8,800E+09	-112	0,00050	0,00581
8,850E+09	-112	0,00058	0,00378
8,900E+09	-112	0,00045	0,00555
8,950E+09	-112	0,00044	0,00415
9,000E+09	-112	0,00043	0,00195
9,050E+09	-113	0,00054	0,00279
9,100E+09	-112	0,00049	0,00297
9,150E+09	-112	0,00053	0,00498
9,200E+09	-112	0,00043	0,00330
9,250E+09	-112	0,00045	0,00523
9,300E+09	-112	0,00055	0,00202
9,350E+09	-112	0,00041	0,00624
9,400E+09	-112	0,00042	0,00354
9,450E+09	-112	0,00044	0,00682
9,500E+09	-112	0,00044	0,00855
9,550E+09	-112	0,00043	0,00363
9,600E+09	-111	0,00042	0,00284
9,650E+09	-111	0,00052	0,00569
9,700E+09	-111	0,00042	0,00829
9,750E+09	-111	0,00047	0,00555
9,800E+09	-111	0,00040	0,00782
9,850E+09	-111	0,00047	0,00433
9,900E+09	-111	0,00046	0,01043
9,950E+09	-111	0,00057	0,00237
1,000E+10	-111	0,00038	0,00500
1,005E+10	-111	0,00051	0,00446
1,010E+10	-111	0,00046	0,01174
1,015E+10	-111	0,00047	0,00775
1,020E+10	-112	0,00047	0,00201
1,025E+10	-111	0,00043	0,01108
1,030E+10	-111	0,00042	0,00651
1,035E+10	-112	0,00048	0,00773
1,040E+10	-111	0,00044	0,00464
1,045E+10	-112	0,00040	0,00305
1,050E+10	-112	0,00062	0,00386
1,055E+10	-112	0,00043	0,00320
1,060E+10	-112	0,00049	0,00182
1,065E+10	-112	0,00042	0,00435
1,070E+10	-112	0,00047	0,00561
1,075E+10	-112	0,00038	0,00425
1,080E+10	-112	0,00045	0,00213
1,085E+10	-112	0,00050	0,00279
1,090E+10	-112	0,00055	0,00504
1,095E+10	-112	0,00052	0,00327
1,100E+10	-112	0,00052	0,00570
1,105E+10	-112	0,00047	0,00858
1,110E+10	-112	0,00045	0,00612
1,115E+10	-112	0,00045	0,00994
1,120E+10	-112	0,00048	0,00708

Table 4: Noise results as inserted into the `VNA Tools II` database - 4.

Frequency / Hz	Noise Floor / dB	Trace Noise Mag / dB rms	Trace Noise Phase / ° rms
1,125E+10	-112	0,00039	0,00383
1,130E+10	-112	0,00058	0,00583
1,135E+10	-112	0,00049	0,00289
1,140E+10	-112	0,00050	0,00342
1,145E+10	-112	0,00047	0,00687
1,150E+10	-112	0,00043	0,00387
1,155E+10	-111	0,00049	0,00368
1,160E+10	-111	0,00044	0,01187
1,165E+10	-111	0,00041	0,00248
1,170E+10	-111	0,00042	0,00568
1,175E+10	-111	0,00053	0,00656
1,180E+10	-111	0,00050	0,01141
1,185E+10	-111	0,00047	0,01045
1,190E+10	-111	0,00045	0,00548
1,195E+10	-111	0,00057	0,00433
1,200E+10	-111	0,00053	0,00959
1,205E+10	-111	0,00053	0,00546
1,210E+10	-111	0,00049	0,01560
1,215E+10	-111	0,00045	0,00526
1,220E+10	-111	0,00044	0,00429
1,225E+10	-111	0,00058	0,00395
1,230E+10	-111	0,00046	0,00179
1,235E+10	-111	0,00050	0,01029
1,240E+10	-111	0,00065	0,00713
1,245E+10	-111	0,00043	0,00276
1,250E+10	-111	0,00043	0,01177
1,255E+10	-111	0,00041	0,01553
1,260E+10	-112	0,00051	0,01520
1,265E+10	-112	0,00047	0,00335
1,270E+10	-112	0,00044	0,00678
1,275E+10	-112	0,00048	0,00938
1,280E+10	-112	0,00057	0,01305
1,285E+10	-111	0,00044	0,00455
1,290E+10	-112	0,00050	0,01058
1,295E+10	-112	0,00048	0,00687
1,300E+10	-112	0,00049	0,00431
1,305E+10	-112	0,00048	0,00795
1,310E+10	-112	0,00052	0,00640
1,315E+10	-112	0,00048	0,00609
1,320E+10	-112	0,00050	0,00696
1,325E+10	-112	0,00070	0,01568
1,330E+10	-112	0,00044	0,01159
1,335E+10	-111	0,00055	0,01312
1,340E+10	-111	0,00048	0,00415
1,345E+10	-111	0,00053	0,00808
1,350E+10	-111	0,00044	0,00594
1,355E+10	-111	0,00046	0,00382
1,360E+10	-111	0,00047	0,00694
1,365E+10	-111	0,00072	0,01136
1,370E+10	-111	0,00054	0,00903
1,375E+10	-111	0,00047	0,00353
1,380E+10	-111	0,00043	0,00541
1,385E+10	-111	0,00051	0,00371
1,390E+10	-111	0,00042	0,00301
1,395E+10	-111	0,00052	0,01124
1,400E+10	-111	0,00044	0,01594
1,405E+10	-111	0,00051	0,01807
1,410E+10	-111	0,00047	0,00694

Table 5: Noise results as inserted into the `VNA Tools II` database - 5.

Frequency / Hz	Noise Floor / dB	Trace Noise Mag / dB rms	Trace Noise Phase / ° rms
1,415E+10	-111	0,00049	0,00601
1,420E+10	-111	0,00049	0,00664
1,425E+10	-111	0,00061	0,01610
1,430E+10	-111	0,00063	0,00780
1,435E+10	-111	0,00043	0,00334
1,440E+10	-111	0,00050	0,01000
1,445E+10	-112	0,00055	0,01151
1,450E+10	-111	0,00050	0,01726
1,455E+10	-111	0,00052	0,00456
1,460E+10	-112	0,00051	0,01097
1,465E+10	-111	0,00046	0,00817
1,470E+10	-112	0,00051	0,01110
1,475E+10	-112	0,00051	0,01751
1,480E+10	-112	0,00054	0,01352
1,485E+10	-112	0,00045	0,01930
1,490E+10	-112	0,00063	0,01705
1,495E+10	-112	0,00055	0,00907
1,500E+10	-112	0,00048	0,01470
1,505E+10	-112	0,00057	0,01704
1,510E+10	-112	0,00054	0,01587
1,515E+10	-112	0,00042	0,01314
1,520E+10	-112	0,00041	0,00883
1,525E+10	-112	0,00051	0,00737
1,530E+10	-112	0,00046	0,01005
1,535E+10	-112	0,00047	0,00720
1,540E+10	-112	0,00040	0,00677
1,545E+10	-111	0,00051	0,00458
1,550E+10	-111	0,00051	0,01051
1,555E+10	-111	0,00042	0,01372
1,560E+10	-111	0,00045	0,02185
1,565E+10	-111	0,00040	0,01973
1,570E+10	-111	0,00053	0,01325
1,575E+10	-111	0,00046	0,00840
1,580E+10	-111	0,00055	0,01554
1,585E+10	-111	0,00054	0,00510
1,590E+10	-111	0,00044	0,02038
1,595E+10	-111	0,00072	0,01548
1,600E+10	-111	0,00045	0,00495
1,605E+10	-111	0,00044	0,00672
1,610E+10	-111	0,00047	0,01085
1,615E+10	-111	0,00062	0,01168
1,620E+10	-111	0,00053	0,01195
1,625E+10	-111	0,00066	0,00923
1,630E+10	-111	0,00061	0,01400
1,635E+10	-111	0,00063	0,02123
1,640E+10	-111	0,00054	0,02029
1,645E+10	-111	0,00045	0,01749
1,650E+10	-112	0,00054	0,01406
1,655E+10	-111	0,00049	0,01888
1,660E+10	-111	0,00048	0,00992
1,665E+10	-112	0,00054	0,00733
1,670E+10	-112	0,00050	0,00919
1,675E+10	-112	0,00053	0,01763
1,680E+10	-112	0,00061	0,01506
1,685E+10	-112	0,00050	0,01111
1,690E+10	-112	0,00066	0,01953
1,695E+10	-112	0,00052	0,01325
1,700E+10	-112	0,00050	0,01337

Table 6: Noise results as inserted into the `VNA Tools II` database - 6.

Frequency / Hz	Noise Floor / dB	Trace Noise Mag / dB rms	Trace Noise Phase / ° rms
1,705E+10	-112	0,00052	0,01374
1,710E+10	-112	0,00057	0,02103
1,715E+10	-112	0,00049	0,00650
1,720E+10	-112	0,00075	0,01618
1,725E+10	-111	0,00056	0,01380
1,730E+10	-111	0,00073	0,02250
1,735E+10	-111	0,00072	0,02064
1,740E+10	-111	0,00048	0,01739
1,745E+10	-111	0,00045	0,01418
1,750E+10	-112	0,00059	0,01129
1,755E+10	-111	0,00055	0,00905
1,760E+10	-111	0,00052	0,00881
1,765E+10	-111	0,00047	0,01397
1,770E+10	-111	0,00049	0,01687
1,775E+10	-111	0,00070	0,01266
1,780E+10	-111	0,00052	0,00900
1,785E+10	-111	0,00053	0,00733
1,790E+10	-111	0,00101	0,02524
1,795E+10	-111	0,00061	0,00682
1,800E+10	-111	0,00049	0,00718
1,805E+10	-111	0,00062	0,01262
1,810E+10	-111	0,00056	0,00899
1,815E+10	-111	0,00047	0,00468
1,820E+10	-111	0,00048	0,01055
1,825E+10	-111	0,00052	0,01572
1,830E+10	-111	0,00051	0,01982
1,835E+10	-111	0,00047	0,01801
1,840E+10	-112	0,00061	0,01136
1,845E+10	-111	0,00049	0,01508
1,850E+10	-112	0,00060	0,01354
1,855E+10	-112	0,00049	0,00616
1,860E+10	-112	0,00063	0,02446
1,865E+10	-112	0,00069	0,01780
1,870E+10	-112	0,00075	0,01573
1,875E+10	-112	0,00068	0,01571
1,880E+10	-112	0,00051	0,01039
1,885E+10	-112	0,00063	0,01795
1,890E+10	-112	0,00071	0,03218
1,895E+10	-111	0,00048	0,01659
1,900E+10	-112	0,00072	0,01021
1,905E+10	-112	0,00055	0,00554
1,910E+10	-111	0,00054	0,01769
1,915E+10	-112	0,00057	0,01655
1,920E+10	-112	0,00052	0,01837
1,925E+10	-111	0,00073	0,02566
1,930E+10	-111	0,00061	0,01820
1,935E+10	-111	0,00064	0,01350
1,940E+10	-111	0,00059	0,01200
1,945E+10	-111	0,00063	0,01344
1,950E+10	-111	0,00046	0,01326
1,955E+10	-111	0,00052	0,00891
1,960E+10	-111	0,00059	0,00656
1,965E+10	-111	0,00062	0,03022
1,970E+10	-111	0,00047	0,02577
1,975E+10	-111	0,00045	0,01040
1,980E+10	-111	0,00051	0,00984
1,985E+10	-111	0,00059	0,01633
1,990E+10	-111	0,00048	0,00976

Table 7: Noise results as inserted into the `VNA Tools II` database - 7.

Frequency / Hz	Noise Floor / dB	Trace Noise Mag / dB rms	Trace Noise Phase / ° rms
1,995E+10	-111	0,00065	0,01097
2,000E+10	-111	0,00054	0,00970
2,005E+10	-103	0,00060	0,00831
2,010E+10	-103	0,00063	0,01547
2,015E+10	-103	0,00050	0,01096
2,020E+10	-103	0,00065	0,01182
2,025E+10	-103	0,00053	0,01507
2,030E+10	-104	0,00052	0,01724
2,035E+10	-103	0,00055	0,02263
2,040E+10	-104	0,00071	0,02140
2,045E+10	-104	0,00052	0,00996
2,050E+10	-104	0,00058	0,00846
2,055E+10	-104	0,00056	0,01173
2,060E+10	-104	0,00089	0,02305
2,065E+10	-104	0,00065	0,01729
2,070E+10	-104	0,00069	0,02219
2,075E+10	-104	0,00110	0,02451
2,080E+10	-104	0,00056	0,02199
2,085E+10	-104	0,00067	0,00939
2,090E+10	-105	0,00051	0,01037
2,095E+10	-104	0,00052	0,00963
2,100E+10	-104	0,00093	0,02908
2,105E+10	-104	0,00057	0,02208
2,110E+10	-104	0,00054	0,00670
2,115E+10	-105	0,00100	0,02659
2,120E+10	-104	0,00059	0,02136
2,125E+10	-104	0,00053	0,02512
2,130E+10	-104	0,00064	0,02126
2,135E+10	-104	0,00050	0,02132
2,140E+10	-103	0,00062	0,01176
2,145E+10	-104	0,00060	0,01024
2,150E+10	-103	0,00063	0,01172
2,155E+10	-103	0,00055	0,01233
2,160E+10	-104	0,00061	0,00869
2,165E+10	-104	0,00055	0,03507
2,170E+10	-104	0,00050	0,02041
2,175E+10	-104	0,00056	0,01396
2,180E+10	-103	0,00054	0,01237
2,185E+10	-103	0,00064	0,02539
2,190E+10	-104	0,00053	0,00899
2,195E+10	-104	0,00053	0,01353
2,200E+10	-103	0,00059	0,02911
2,205E+10	-104	0,00056	0,00912
2,210E+10	-103	0,00063	0,00479
2,215E+10	-104	0,00066	0,01959
2,220E+10	-104	0,00070	0,02416
2,225E+10	-103	0,00100	0,03250
2,230E+10	-103	0,00084	0,02028
2,235E+10	-104	0,00061	0,02346
2,240E+10	-104	0,00049	0,01751
2,245E+10	-104	0,00053	0,01038
2,250E+10	-104	0,00058	0,02157
2,255E+10	-104	0,00052	0,01651
2,260E+10	-104	0,00054	0,01568
2,265E+10	-104	0,00074	0,02153
2,270E+10	-104	0,00073	0,01580
2,275E+10	-104	0,00050	0,01877
2,280E+10	-104	0,00058	0,01014

Table 8: Noise results as inserted into the `VNA Tools II` database - 8.

Frequency / Hz	Noise Floor / dB	Trace Noise Mag / dB rms	Trace Noise Phase / ° rms
2,285E+10	-104	0,00052	0,01291
2,290E+10	-104	0,00058	0,00954
2,295E+10	-104	0,00047	0,01587
2,300E+10	-104	0,00062	0,02886
2,305E+10	-104	0,00190	0,06972
2,310E+10	-104	0,00092	0,03341
2,315E+10	-104	0,00051	0,00889
2,320E+10	-104	0,00061	0,01810
2,325E+10	-104	0,00056	0,02669
2,330E+10	-104	0,00051	0,02262
2,335E+10	-104	0,00050	0,02986
2,340E+10	-104	0,00049	0,01868
2,345E+10	-104	0,00056	0,01820
2,350E+10	-104	0,00069	0,01660
2,355E+10	-104	0,00053	0,01725
2,360E+10	-104	0,00052	0,01603
2,365E+10	-104	0,00059	0,05266
2,370E+10	-104	0,00051	0,03431
2,375E+10	-104	0,00077	0,02773
2,380E+10	-104	0,00070	0,02675
2,385E+10	-104	0,00059	0,01834
2,390E+10	-104	0,00050	0,01268
2,395E+10	-104	0,00061	0,01927
2,400E+10	-104	0,00064	0,01091
2,405E+10	-104	0,00051	0,00751
2,410E+10	-104	0,00054	0,00745
2,415E+10	-104	0,00047	0,00864
2,420E+10	-105	0,00072	0,02090
2,425E+10	-105	0,00053	0,02292
2,430E+10	-105	0,00059	0,02626
2,435E+10	-105	0,00054	0,02616
2,440E+10	-105	0,00055	0,02392
2,445E+10	-105	0,00052	0,01264
2,450E+10	-105	0,00051	0,02092
2,455E+10	-105	0,00060	0,01606
2,460E+10	-105	0,00062	0,01734
2,465E+10	-105	0,00054	0,00641
2,470E+10	-105	0,00059	0,01256
2,475E+10	-105	0,00050	0,00883
2,480E+10	-105	0,00084	0,03266
2,485E+10	-105	0,00072	0,01672
2,490E+10	-105	0,00058	0,01456
2,495E+10	-105	0,00060	0,01360
2,500E+10	-105	0,00060	0,00729
2,505E+10	-105	0,00054	0,00594
2,510E+10	-105	0,00062	0,00992
2,515E+10	-105	0,00062	0,01467
2,520E+10	-105	0,00067	0,01430
2,525E+10	-105	0,00048	0,00876
2,530E+10	-105	0,00050	0,00845
2,535E+10	-105	0,00056	0,02344
2,540E+10	-105	0,00064	0,02895
2,545E+10	-105	0,00055	0,02481
2,550E+10	-105	0,00057	0,01932
2,555E+10	-105	0,00065	0,02072
2,560E+10	-105	0,00052	0,01488
2,565E+10	-105	0,00056	0,01617
2,570E+10	-105	0,00054	0,01700

Table 9: Noise results as inserted into the `VNA Tools II` database - 9.

Frequency / Hz	Noise Floor / dB	Trace Noise Mag / dB rms	Trace Noise Phase / ° rms
2,575E+10	-105	0,00055	0,01262
2,580E+10	-105	0,00083	0,03094
2,585E+10	-104	0,00059	0,02575
2,590E+10	-105	0,00054	0,01528
2,595E+10	-105	0,00066	0,01694
2,600E+10	-105	0,00058	0,01532
2,605E+10	-105	0,00053	0,01323
2,610E+10	-105	0,00064	0,01407
2,615E+10	-105	0,00059	0,00615
2,620E+10	-106	0,00054	0,01092
2,625E+10	-105	0,00082	0,00706
2,630E+10	-105	0,00055	0,01117
2,635E+10	-105	0,00082	0,02471
2,640E+10	-105	0,00052	0,02709
2,645E+10	-106	0,00056	0,03771
2,650E+10	-105	0,00073	0,02433
2,655E+10	-106	0,00063	0,01548
2,660E+10	-105	0,00057	0,01685
2,665E+10	-106	0,00057	0,01770
2,670E+10	-105	0,00060	0,01630
2,675E+10	-106	0,00049	0,01423
2,680E+10	-106	0,00059	0,00651
2,685E+10	-106	0,00057	0,01046
2,690E+10	-106	0,00064	0,01131
2,695E+10	-106	0,00064	0,02491
2,700E+10	-106	0,00057	0,03278
2,705E+10	-106	0,00075	0,02027
2,710E+10	-106	0,00055	0,00698
2,715E+10	-106	0,00053	0,00994
2,720E+10	-106	0,00062	0,01625
2,725E+10	-106	0,00058	0,01446
2,730E+10	-106	0,00059	0,01310
2,735E+10	-106	0,00052	0,00989
2,740E+10	-106	0,00051	0,01052
2,745E+10	-106	0,00061	0,01232
2,750E+10	-106	0,00069	0,02447
2,755E+10	-106	0,00062	0,02712
2,760E+10	-105	0,00074	0,03333
2,765E+10	-106	0,00069	0,02378
2,770E+10	-106	0,00059	0,02555
2,775E+10	-105	0,00056	0,01781
2,780E+10	-105	0,00060	0,01388
2,785E+10	-105	0,00063	0,01323
2,790E+10	-106	0,00071	0,01569
2,795E+10	-105	0,00052	0,01105
2,800E+10	-106	0,00051	0,00860
2,805E+10	-105	0,00135	0,03807
2,810E+10	-106	0,00063	0,04724
2,815E+10	-106	0,00064	0,02843
2,820E+10	-106	0,00069	0,02309
2,825E+10	-106	0,00062	0,01687
2,830E+10	-106	0,00056	0,01216
2,835E+10	-106	0,00058	0,00617
2,840E+10	-106	0,00058	0,01647
2,845E+10	-106	0,00066	0,00963
2,850E+10	-106	0,00062	0,01014
2,855E+10	-106	0,00052	0,01977
2,860E+10	-107	0,00088	0,03180

Table 10: Noise results as inserted into the `VNA Tools II` database - 10.

Frequency / Hz	Noise Floor / dB	Trace Noise Mag / dB rms	Trace Noise Phase / ° rms
2,865E+10	-106	0,00071	0,02718
2,870E+10	-107	0,00063	0,02128
2,875E+10	-107	0,00070	0,02675
2,880E+10	-107	0,00056	0,02246
2,885E+10	-107	0,00060	0,01425
2,890E+10	-107	0,00066	0,01419
2,895E+10	-107	0,00070	0,01836
2,900E+10	-107	0,00070	0,01811
2,905E+10	-107	0,00066	0,02593
2,910E+10	-107	0,00072	0,02882
2,915E+10	-107	0,00058	0,02153
2,920E+10	-107	0,00079	0,02110
2,925E+10	-107	0,00105	0,05861
2,930E+10	-107	0,00070	0,09894
2,935E+10	-106	0,00339	0,12852
2,940E+10	-107	0,00123	0,06382
2,945E+10	-107	0,00060	0,01307
2,950E+10	-107	0,00076	0,01840
2,955E+10	-107	0,00099	0,00500
2,960E+10	-107	0,00081	0,02756
2,965E+10	-106	0,00053	0,02358
2,970E+10	-106	0,00074	0,02629
2,975E+10	-106	0,00084	0,03418
2,980E+10	-106	0,00063	0,02738
2,985E+10	-106	0,00059	0,02270
2,990E+10	-106	0,00068	0,01633
2,995E+10	-106	0,00057	0,01066
3,000E+10	-106	0,00063	0,03002
3,005E+10	-106	0,00065	0,03098
3,010E+10	-106	0,00064	0,01922
3,015E+10	-106	0,00056	0,01429
3,020E+10	-106	0,00059	0,01510
3,025E+10	-106	0,00070	0,02325
3,030E+10	-107	0,00070	0,02083
3,035E+10	-106	0,00058	0,00937
3,040E+10	-106	0,00058	0,01482
3,045E+10	-106	0,00100	0,01736
3,050E+10	-107	0,00067	0,00915
3,055E+10	-107	0,00087	0,03092
3,060E+10	-107	0,00057	0,06690
3,065E+10	-106	0,00089	0,01900
3,070E+10	-106	0,00098	0,03104
3,075E+10	-107	0,00057	0,02735
3,080E+10	-107	0,00066	0,01622
3,085E+10	-107	0,00073	0,01882
3,090E+10	-106	0,00073	0,01439
3,095E+10	-107	0,00062	0,00897
3,100E+10	-107	0,00063	0,00792
3,105E+10	-106	0,00077	0,01639
3,110E+10	-106	0,00060	0,02779
3,115E+10	-106	0,00057	0,00553
3,120E+10	-106	0,00067	0,01159
3,125E+10	-106	0,00062	0,00549
3,130E+10	-106	0,00061	0,00935
3,135E+10	-106	0,00073	0,00990
3,140E+10	-106	0,00084	0,03694
3,145E+10	-106	0,00061	0,04749
3,150E+10	-106	0,00071	0,02762

Table 11: Noise results as inserted into the `VNA Tools II` database - 11.

Frequency / Hz	Noise Floor / dB	Trace Noise Mag / dB rms	Trace Noise Phase / ° rms
3,155E+10	-106	0,00060	0,01387
3,160E+10	-106	0,00059	0,01548
3,165E+10	-106	0,00060	0,01634
3,170E+10	-106	0,00076	0,01359
3,175E+10	-106	0,00073	0,01665
3,180E+10	-106	0,00081	0,02679
3,185E+10	-106	0,00064	0,03357
3,190E+10	-106	0,00061	0,00857
3,195E+10	-106	0,00067	0,00675
3,200E+10	-106	0,00064	0,01170
3,205E+10	-106	0,00060	0,01109
3,210E+10	-106	0,00069	0,01829
3,215E+10	-106	0,00070	0,02893
3,220E+10	-106	0,00070	0,03224
3,225E+10	-106	0,00076	0,02060
3,230E+10	-107	0,00074	0,01765
3,235E+10	-106	0,00060	0,01658
3,240E+10	-107	0,00069	0,00799
3,245E+10	-106	0,00064	0,01243
3,250E+10	-107	0,00060	0,03050
3,255E+10	-107	0,00092	0,02001
3,260E+10	-107	0,00076	0,00847
3,265E+10	-107	0,00069	0,00700
3,270E+10	-107	0,00069	0,00746
3,275E+10	-107	0,00072	0,00499
3,280E+10	-107	0,00075	0,01631
3,285E+10	-107	0,00057	0,00836
3,290E+10	-107	0,00066	0,01647
3,295E+10	-107	0,00066	0,03874
3,300E+10	-107	0,00063	0,02815
3,305E+10	-107	0,00062	0,02180
3,310E+10	-107	0,00068	0,01464
3,315E+10	-106	0,00061	0,00456
3,320E+10	-107	0,00063	0,01895
3,325E+10	-107	0,00063	0,01673
3,330E+10	-107	0,00079	0,02499
3,335E+10	-106	0,00074	0,00988
3,340E+10	-107	0,00062	0,00719
3,345E+10	-106	0,00060	0,00536
3,350E+10	-107	0,00062	0,00875
3,355E+10	-107	0,00058	0,00857
3,360E+10	-107	0,00070	0,01500
3,365E+10	-107	0,00060	0,01733
3,370E+10	-107	0,00071	0,02331
3,375E+10	-107	0,00071	0,02099
3,380E+10	-107	0,00063	0,01164
3,385E+10	-107	0,00063	0,01500
3,390E+10	-107	0,00072	0,00812
3,395E+10	-107	0,00072	0,00612
3,400E+10	-107	0,00060	0,01124
3,405E+10	-107	0,00060	0,01541
3,410E+10	-107	0,00071	0,02320
3,415E+10	-107	0,00066	0,02848
3,420E+10	-107	0,00063	0,00923
3,425E+10	-107	0,00072	0,01054
3,430E+10	-108	0,00083	0,01062
3,435E+10	-107	0,00069	0,01340
3,440E+10	-108	0,00068	0,01505

Table 12: Noise results as inserted into the `VNA Tools II` database - 12.

Frequency / Hz	Noise Floor / dB	Trace Noise Mag / dB rms	Trace Noise Phase / ° rms
3,445E+10	-107	0,00063	0,02395
3,450E+10	-107	0,00077	0,04510
3,455E+10	-107	0,00065	0,02003
3,460E+10	-107	0,00064	0,02021
3,465E+10	-107	0,00062	0,01604
3,470E+10	-107	0,00059	0,01348
3,475E+10	-108	0,00062	0,00902
3,480E+10	-108	0,00066	0,02339
3,485E+10	-108	0,00081	0,02230
3,490E+10	-107	0,00063	0,01859
3,495E+10	-108	0,00064	0,02634
3,500E+10	-107	0,00084	0,00735
3,505E+10	-107	0,00063	0,00972
3,510E+10	-108	0,00070	0,00878
3,515E+10	-108	0,00068	0,00988
3,520E+10	-108	0,00063	0,01891
3,525E+10	-107	0,00091	0,00906
3,530E+10	-107	0,00073	0,00793
3,535E+10	-107	0,00073	0,01074
3,540E+10	-107	0,00070	0,01140
3,545E+10	-107	0,00062	0,00796
3,550E+10	-107	0,00077	0,00670
3,555E+10	-107	0,00061	0,00831
3,560E+10	-107	0,00064	0,00662
3,565E+10	-107	0,00066	0,01305
3,570E+10	-107	0,00068	0,01560
3,575E+10	-107	0,00063	0,01949
3,580E+10	-107	0,00067	0,03226
3,585E+10	-107	0,00124	0,03248
3,590E+10	-107	0,00066	0,03698
3,595E+10	-107	0,00083	0,02794
3,600E+10	-107	0,00064	0,02250
3,605E+10	-107	0,00070	0,02257
3,610E+10	-107	0,00079	0,01530
3,615E+10	-108	0,00059	0,01062
3,620E+10	-108	0,00067	0,00903
3,625E+10	-108	0,00072	0,00806
3,630E+10	-108	0,00060	0,01870
3,635E+10	-108	0,00065	0,00798
3,640E+10	-108	0,00063	0,00660
3,645E+10	-108	0,00081	0,01100
3,650E+10	-109	0,00093	0,01538
3,655E+10	-108	0,00065	0,01918
3,660E+10	-108	0,00079	0,02246
3,665E+10	-109	0,00066	0,03791
3,670E+10	-109	0,00083	0,00718
3,675E+10	-109	0,00086	0,00729
3,680E+10	-108	0,00067	0,00995
3,685E+10	-109	0,00063	0,00723
3,690E+10	-109	0,00073	0,00948
3,695E+10	-108	0,00083	0,00746
3,700E+10	-108	0,00068	0,00941
3,705E+10	-109	0,00058	0,00852
3,710E+10	-109	0,00068	0,01943
3,715E+10	-109	0,00087	0,00862
3,720E+10	-108	0,00087	0,01669
3,725E+10	-109	0,00079	0,01310
3,730E+10	-108	0,00120	0,02034

Table 13: Noise results as inserted into the `VNA Tools II` database - 13.

Frequency / Hz	Noise Floor / dB	Trace Noise Mag / dB rms	Trace Noise Phase / ° rms
3,735E+10	-108	0,00093	0,02588
3,740E+10	-108	0,00072	0,02034
3,745E+10	-108	0,00067	0,02438
3,750E+10	-108	0,00085	0,03413
3,755E+10	-108	0,00078	0,00886
3,760E+10	-108	0,00078	0,00969
3,765E+10	-108	0,00084	0,01103
3,770E+10	-108	0,00077	0,00798
3,775E+10	-108	0,00076	0,00748
3,780E+10	-108	0,00066	0,01148
3,785E+10	-108	0,00059	0,01546
3,790E+10	-109	0,00073	0,00785
3,795E+10	-108	0,00072	0,01268
3,800E+10	-109	0,00069	0,02083
3,805E+10	-108	0,00105	0,03236
3,810E+10	-108	0,00073	0,01080
3,815E+10	-109	0,00067	0,02203
3,820E+10	-109	0,00092	0,02290
3,825E+10	-108	0,00069	0,02242
3,830E+10	-109	0,00071	0,03153
3,835E+10	-109	0,00065	0,02907
3,840E+10	-109	0,00084	0,00868
3,845E+10	-109	0,00100	0,02420
3,850E+10	-109	0,00080	0,01559
3,855E+10	-109	0,00075	0,01717
3,860E+10	-109	0,00122	0,01762
3,865E+10	-109	0,00140	0,01520
3,870E+10	-109	0,00080	0,00575
3,875E+10	-109	0,00081	0,01250
3,880E+10	-109	0,00071	0,00851
3,885E+10	-109	0,00085	0,03516
3,890E+10	-108	0,00115	0,02540
3,895E+10	-109	0,00078	0,02193
3,900E+10	-109	0,00121	0,04609
3,905E+10	-109	0,00080	0,02090
3,910E+10	-109	0,00070	0,02297
3,915E+10	-109	0,00083	0,01050
3,920E+10	-109	0,00152	0,02403
3,925E+10	-109	0,00071	0,01447
3,930E+10	-108	0,00066	0,00582
3,935E+10	-109	0,00084	0,01515
3,940E+10	-109	0,00104	0,02996
3,945E+10	-108	0,00065	0,01048
3,950E+10	-108	0,00072	0,00918
3,955E+10	-108	0,00073	0,00711
3,960E+10	-108	0,00078	0,00977
3,965E+10	-108	0,00116	0,01020
3,970E+10	-108	0,00066	0,00698
3,975E+10	-108	0,00070	0,01609
3,980E+10	-108	0,00082	0,03245
3,985E+10	-108	0,00192	0,02378
3,990E+10	-109	0,00079	0,02273
3,995E+10	-109	0,00078	0,02438
4,000E+10	-109	0,00073	0,03699
4,005E+10	-109	0,00102	0,03003
4,010E+10	-109	0,00077	0,01534
4,015E+10	-109	0,00080	0,02971
4,020E+10	-109	0,00121	0,03248

Table 14: Noise results as inserted into the `VNA Tools II` database - 14.

Frequency / Hz	Noise Floor / dB	Trace Noise Mag / dB rms	Trace Noise Phase / ° rms
4,025E+10	-109	0,00088	0,03760
4,030E+10	-109	0,00087	0,02216
4,035E+10	-109	0,00072	0,01175
4,040E+10	-109	0,00082	0,00618
4,045E+10	-109	0,00079	0,01509
4,050E+10	-109	0,00082	0,01003
4,055E+10	-109	0,00076	0,00694
4,060E+10	-109	0,00111	0,01278
4,065E+10	-109	0,00097	0,01015
4,070E+10	-110	0,00084	0,01526
4,075E+10	-109	0,00095	0,03352
4,080E+10	-109	0,00082	0,02927
4,085E+10	-109	0,00124	0,04096
4,090E+10	-109	0,00185	0,02923
4,095E+10	-109	0,00124	0,01681
4,100E+10	-109	0,00083	0,02100
4,105E+10	-109	0,00080	0,02348
4,110E+10	-109	0,00134	0,03142
4,115E+10	-109	0,00090	0,03126
4,120E+10	-109	0,00106	0,01011
4,125E+10	-109	0,00161	0,03013
4,130E+10	-109	0,00083	0,01445
4,135E+10	-108	0,00087	0,00938
4,140E+10	-109	0,00079	0,01070
4,145E+10	-109	0,00080	0,01485
4,150E+10	-109	0,00088	0,02143
4,155E+10	-108	0,00089	0,02029
4,160E+10	-108	0,00080	0,03031
4,165E+10	-108	0,00092	0,02667
4,170E+10	-109	0,00075	0,02959
4,175E+10	-108	0,00110	0,02544
4,180E+10	-108	0,00118	0,02461
4,185E+10	-108	0,00084	0,02256
4,190E+10	-108	0,00087	0,02305
4,195E+10	-108	0,00087	0,03278
4,200E+10	-108	0,00082	0,01952
4,205E+10	-108	0,00083	0,02193
4,210E+10	-108	0,00071	0,01674
4,215E+10	-108	0,00088	0,02266
4,220E+10	-108	0,00103	0,01654
4,225E+10	-108	0,00090	0,01085
4,230E+10	-108	0,00081	0,00860
4,235E+10	-108	0,00091	0,01906
4,240E+10	-108	0,00096	0,02218
4,245E+10	-108	0,00093	0,03267
4,250E+10	-108	0,00142	0,03373
4,255E+10	-108	0,00084	0,02616
4,260E+10	-108	0,00096	0,02775
4,265E+10	-108	0,00094	0,02224
4,270E+10	-108	0,00083	0,01123
4,275E+10	-107	0,00121	0,02943
4,280E+10	-107	0,00169	0,03533
4,285E+10	-107	0,00137	0,03854
4,290E+10	-107	0,00126	0,02424
4,295E+10	-107	0,00181	0,03561
4,300E+10	-107	0,00210	0,02714
4,305E+10	-107	0,00090	0,02203
4,310E+10	-107	0,00110	0,01749

Table 15: Noise results as inserted into the `VNA Tools II` database - 15.

Frequency / Hz	Noise Floor / dB	Trace Noise Mag / dB rms	Trace Noise Phase / ° rms
4,315E+10	-107	0,00154	0,02866
4,320E+10	-107	0,00230	0,02402
4,325E+10	-107	0,00098	0,01452
4,330E+10	-107	0,00086	0,03095
4,335E+10	-107	0,00124	0,02405
4,340E+10	-107	0,00169	0,03379
4,345E+10	-107	0,00105	0,03551
4,350E+10	-106	0,00105	0,03645
4,355E+10	-106	0,00094	0,01928
4,360E+10	-106	0,00079	0,02273
4,365E+10	-106	0,00146	0,02464
4,370E+10	-106	0,00109	0,02436
4,375E+10	-106	0,00079	0,02807
4,380E+10	-107	0,00100	0,04366
4,385E+10	-106	0,00139	0,02064
4,390E+10	-106	0,00084	0,03243
4,395E+10	-105	0,00155	0,02840
4,400E+10	-105	0,00088	0,02746
4,405E+10	-106	0,00095	0,02863
4,410E+10	-106	0,00082	0,02020
4,415E+10	-107	0,00097	0,02818
4,420E+10	-106	0,00099	0,03624
4,425E+10	-107	0,00101	0,02951
4,430E+10	-107	0,00120	0,01440
4,435E+10	-106	0,00143	0,01842
4,440E+10	-106	0,00078	0,02467
4,445E+10	-107	0,00092	0,01636
4,450E+10	-107	0,00141	0,02201
4,455E+10	-107	0,00104	0,04270
4,460E+10	-106	0,00153	0,03325
4,465E+10	-106	0,00092	0,02916
4,470E+10	-106	0,00143	0,03304
4,475E+10	-107	0,00096	0,03936
4,480E+10	-107	0,00123	0,02811
4,485E+10	-107	0,00102	0,06047
4,490E+10	-107	0,00158	0,02435
4,495E+10	-107	0,00084	0,02193
4,500E+10	-107	0,00104	0,02213
4,505E+10	-107	0,00141	0,04595
4,510E+10	-106	0,00158	0,04231
4,515E+10	-106	0,00120	0,05177
4,520E+10	-107	0,00151	0,04440
4,525E+10	-107	0,00130	0,03600
4,530E+10	-106	0,00149	0,03039
4,535E+10	-106	0,00100	0,02983
4,540E+10	-106	0,00105	0,01752
4,545E+10	-106	0,00092	0,02136
4,550E+10	-106	0,00114	0,01974
4,555E+10	-106	0,00106	0,00974
4,560E+10	-106	0,00100	0,01832
4,565E+10	-105	0,00092	0,03015
4,570E+10	-105	0,00094	0,03477
4,575E+10	-106	0,00151	0,03635
4,580E+10	-106	0,00107	0,03733
4,585E+10	-106	0,00107	0,03559
4,590E+10	-107	0,00108	0,03910
4,595E+10	-107	0,00101	0,03671
4,600E+10	-106	0,00114	0,02499

Table 16: Noise results as inserted into the `VNA Tools II` database - 16.

Frequency / Hz	Noise Floor / dB	Trace Noise Mag / dB rms	Trace Noise Phase / ° rms
4,605E+10	-107	0,00089	0,02679
4,610E+10	-107	0,00105	0,02447
4,615E+10	-106	0,00099	0,01286
4,620E+10	-107	0,00138	0,02870
4,625E+10	-107	0,00130	0,02138
4,630E+10	-107	0,00109	0,02428
4,635E+10	-107	0,00106	0,02452
4,640E+10	-107	0,00097	0,04290
4,645E+10	-107	0,00116	0,05448
4,650E+10	-107	0,00163	0,03520
4,655E+10	-107	0,00092	0,02339
4,660E+10	-107	0,00136	0,02211
4,665E+10	-107	0,00106	0,02079
4,670E+10	-107	0,00116	0,01695
4,675E+10	-107	0,00100	0,03240
4,680E+10	-107	0,00168	0,02372
4,685E+10	-107	0,00110	0,02499
4,690E+10	-107	0,00148	0,02577
4,695E+10	-107	0,00147	0,04534
4,700E+10	-107	0,00161	0,02809
4,705E+10	-107	0,00101	0,04687
4,710E+10	-107	0,00106	0,03453
4,715E+10	-107	0,00145	0,03153
4,720E+10	-107	0,00112	0,03155
4,725E+10	-107	0,00109	0,02127
4,730E+10	-107	0,00106	0,01902
4,735E+10	-107	0,00095	0,03089
4,740E+10	-107	0,00325	0,05569
4,745E+10	-107	0,00148	0,03344
4,750E+10	-107	0,00128	0,04228
4,755E+10	-107	0,00104	0,03729
4,760E+10	-107	0,00161	0,02909
4,765E+10	-107	0,00107	0,02665
4,770E+10	-107	0,00123	0,04672
4,775E+10	-107	0,00098	0,01874
4,780E+10	-107	0,00154	0,02460
4,785E+10	-107	0,00112	0,02058
4,790E+10	-107	0,00130	0,02081
4,795E+10	-107	0,00093	0,02253
4,800E+10	-107	0,00114	0,03772
4,805E+10	-107	0,00177	0,03456
4,810E+10	-107	0,00105	0,04336
4,815E+10	-107	0,00137	0,04603
4,820E+10	-107	0,00149	0,03386
4,825E+10	-107	0,00144	0,03691
4,830E+10	-107	0,00131	0,02382
4,835E+10	-107	0,00122	0,02711
4,840E+10	-107	0,00189	0,02900
4,845E+10	-107	0,00246	0,02810
4,850E+10	-107	0,00131	0,01844
4,855E+10	-107	0,00107	0,02500
4,860E+10	-107	0,00201	0,02404
4,865E+10	-107	0,00191	0,02795
4,870E+10	-107	0,00176	0,01155
4,875E+10	-107	0,00118	0,01615
4,880E+10	-107	0,00191	0,03807
4,885E+10	-107	0,00137	0,04156
4,890E+10	-107	0,00159	0,04429

Table 17: Noise results as inserted into the `VNA Tools II` database - 17.

Frequency / Hz	Noise Floor / dB	Trace Noise Mag / dB rms	Trace Noise Phase / ° rms
4,895E+10	-107	0,00141	0,05645
4,900E+10	-107	0,00164	0,02913
4,905E+10	-107	0,00141	0,05442
4,910E+10	-107	0,00234	0,03053
4,915E+10	-106	0,00127	0,03310
4,920E+10	-107	0,00105	0,02481
4,925E+10	-107	0,00144	0,06305
4,930E+10	-106	0,00167	0,01569
4,935E+10	-106	0,00112	0,03625
4,940E+10	-107	0,00118	0,02907
4,945E+10	-106	0,00136	0,04158
4,950E+10	-107	0,00113	0,04767
4,955E+10	-106	0,00137	0,03076
4,960E+10	-106	0,00127	0,02941
4,965E+10	-106	0,00151	0,05545
4,970E+10	-106	0,00234	0,03830
4,975E+10	-106	0,00162	0,02281
4,980E+10	-106	0,00128	0,01886
4,985E+10	-106	0,00145	0,03088
4,990E+10	-106	0,00162	0,02729
4,995E+10	-106	0,00140	0,02035
5,000E+10	-107	0,00123	0,02601

Table 18: Noise results as inserted into the `VNA Tools II` database - 18.

B.2 Linearity

	10 MHz		50 GHz	
Power Level	Linearity Mag / dB	Linearity Phase / °	Linearity Mag / dB	Linearity Phase / °
-320	0.005	0.033	0.005	0.033
-100	0.005	0.033	0.005	0.033
-50	0.005	0.033	0.005	0.033
-40	0.005	0.033	0.005	0.033
-30	0.005	0.033	0.005	0.033
-20	0.004	0.026	0.004	0.026
-10	0.004	0.026	0.004	0.026
0	0.004	0.026	0.004	0.026
20	0.02	0.133	0.02	0.133

Table 19: Linearity results as inserted into the `VNA Tools II` database.

B.3 Drift

Frequency / Hz	Switch Term Drift / dB	Directivity Drift / dB	Tracking Drift Mag / dB	Tracking Drift Phase /	Match Drift / dB	Isolation / dB
1,0000E+07	-71	-71	0,005816000	-0,1030	-71	-91
3,0000E+07	-86	-86	0,000958000	-0,0241	-86	-97
5,0010E+07	-91	-91	0,001579000	-0,0282	-91	-95
7,0010E+07	-115	-115	0,001374000	-0,0198	-115	-90
9,0020E+07	-99	-99	0,000765900	-0,0156	-99	-87
1,1000E+08	-95	-95	0,001794000	-0,0133	-95	-101
1,3000E+08	-103	-103	0,000115200	-0,0102	-103	-97
1,5000E+08	-96	-96	0,000732000	-0,0085	-96	-93
1,7000E+08	-97	-97	0,000049420	0,0291	-97	-86
1,9000E+08	-105	-105	0,000595000	0,0215	-105	-96
2,1000E+08	-103	-103	0,001105000	-0,0086	-103	-109
2,3000E+08	-120	-120	0,001204000	-0,0066	-120	-99
2,5000E+08	-98	-98	0,000613200	-0,0051	-98	-97
2,7010E+08	-105	-105	0,000791800	-0,0054	-105	-110
2,9010E+08	-96	-96	0,000204300	-0,0030	-96	-97
3,1010E+08	-111	-111	0,000815800	-0,0041	-111	-105
3,3010E+08	-111	-111	0,000159100	-0,0043	-111	-107
3,5010E+08	-113	-113	0,001013000	-0,0016	-113	-111
3,7010E+08	-93	-93	0,000673400	0,0291	-93	-106
3,9010E+08	-100	-100	0,000520500	-0,0045	-100	-93
4,1010E+08	-100	-100	0,001052000	-0,0037	-100	-86
4,3010E+08	-96	-96	0,000534500	-0,0019	-96	-88
4,5010E+08	-103	-103	0,000231500	0,0308	-103	-109
4,7010E+08	-95	-95	0,001360000	-0,0365	-95	-102
4,9010E+08	-95	-95	0,000559900	0,0350	-95	-92
5,1010E+08	-101	-101	0,000483700	-0,0011	-101	-109
5,3010E+08	-106	-106	0,001202000	-0,0370	-106	-89
5,5010E+08	-117	-117	0,000870500	-0,0003	-117	-99
5,7010E+08	-102	-102	0,001080000	-0,0023	-102	-92
5,9010E+08	-97	-97	0,000118300	-0,0004	-97	-99
6,1010E+08	-92	-92	0,000125600	-0,0011	-92	-96
6,3010E+08	-101	-101	0,000466000	-0,0358	-101	-92
6,5010E+08	-101	-101	0,000305900	0,0017	-101	-90
6,7010E+08	-99	-99	0,000912300	-0,0334	-99	-102
6,9010E+08	-93	-93	0,000348800	0,0022	-93	-105
7,1010E+08	-94	-94	0,000129800	0,0022	-94	-94
7,3010E+08	-107	-107	0,000586800	0,0033	-107	-111
7,5010E+08	-112	-112	0,000243900	0,0031	-112	-99
7,7020E+08	-97	-97	0,000049320	0,0012	-97	-106
7,9020E+08	-86	-86	0,000632900	0,0365	-86	-103
8,1020E+08	-86	-86	0,000959500	-0,0336	-86	-88
8,3020E+08	-92	-92	0,000398100	0,0024	-92	-115
8,5020E+08	-90	-90	0,000006506	0,0030	-90	-105
8,7020E+08	-90	-90	0,000189500	0,0017	-90	-93
8,9020E+08	-113	-113	0,000654200	-0,0329	-113	-96
9,1020E+08	-99	-99	0,000816700	0,0035	-99	-95
9,3020E+08	-98	-98	0,000428000	-0,0304	-98	-86
9,5020E+08	-88	-88	0,001505000	0,0394	-88	-91
9,7020E+08	-89	-89	0,001386000	0,0385	-89	-100
9,9020E+08	-83	-83	0,001295000	0,0043	-83	-90
1,0100E+09	-106	-106	0,000352200	0,0009	-106	-92
1,0300E+09	-126	-126	0,000182000	0,0040	-126	-85
1,0500E+09	-85	-85	0,000140900	0,0038	-85	-94
1,0700E+09	-88	-88	0,000287300	0,0025	-88	-127
1,0900E+09	-105	-105	0,000552900	-0,0292	-105	-99
1,1100E+09	-93	-93	0,000366200	0,0038	-93	-102
1,1300E+09	-102	-102	0,000782800	0,0041	-102	-112
1,1500E+09	-95	-95	0,000759200	-0,0288	-95	-102

Table 20: Drift results as inserted into the `VNA Tools II` database - 1.

Frequency / Hz	Switch Term Drift / dB	Directivity Drift / dB	Tracking Drift Mag / dB	Tracking Drift Phase /	Match Drift / dB	Isolation / dB
1,1700E+09	-98	-98	0,001111000	0,0387	-98	-92
1,1900E+09	-92	-92	0,000242900	0,0047	-92	-110
1,2100E+09	-88	-88	0,000902900	-0,0297	-88	-94
1,2300E+09	-88	-88	0,000514100	0,0061	-88	-128
1,2500E+09	-95	-95	0,000162300	0,0048	-95	-103
1,2700E+09	-96	-96	0,000951000	0,0378	-96	-98
1,2900E+09	-100	-100	0,000115700	0,0046	-100	-89
1,3100E+09	-103	-103	0,001052000	0,0395	-103	-105
1,3300E+09	-109	-109	0,000162100	0,0045	-109	-109
1,3500E+09	-129	-129	0,000115400	0,0055	-129	-101
1,3700E+09	-88	-88	0,000176200	0,0381	-88	-88
1,3900E+09	-85	-85	0,001145000	-0,0297	-85	-93
1,4100E+09	-92	-92	0,000088800	0,0067	-92	-103
1,4300E+09	-86	-86	0,001663000	-0,0278	-86	-90
1,4500E+09	-89	-89	0,000224400	0,0063	-89	-105
1,4700E+09	-93	-93	0,001200000	0,0411	-93	-92
1,4900E+09	-91	-91	0,001027000	0,0394	-91	-98
1,5100E+09	-104	-104	0,000476000	0,0048	-104	-93
1,5300E+09	-96	-96	0,001514000	0,0393	-96	-105
1,5500E+09	-87	-87	0,000173400	0,0053	-87	-90
1,5700E+09	-103	-103	0,000159600	0,0047	-103	-119
1,5900E+09	-99	-99	0,000789800	-0,0283	-99	-90
1,6100E+09	-98	-98	0,000907600	0,0414	-98	-110
1,6300E+09	-86	-86	0,000232000	0,0055	-86	-90
1,6500E+09	-95	-95	0,000046820	0,0069	-95	-113
1,6700E+09	-90	-90	0,000580900	-0,0274	-90	-90
1,6900E+09	-88	-88	0,000555600	-0,0266	-88	-96
1,7100E+09	-104	-104	0,001595000	0,0426	-104	-86
1,7300E+09	-85	-85	0,000240700	0,0064	-85	-88
1,7500E+09	-103	-103	0,000821800	-0,0283	-103	-121
1,7700E+09	-90	-90	0,000022360	0,0098	-90	-89
1,7900E+09	-89	-89	0,001056000	0,0438	-89	-101
1,8100E+09	-96	-96	0,000438400	0,0071	-96	-97
1,8300E+09	-92	-92	0,000767100	0,0088	-92	-97
1,8500E+09	-89	-89	0,000189100	-0,0254	-89	-100
1,8700E+09	-101	-101	0,000977600	0,0443	-101	-94
1,8900E+09	-103	-103	0,000651000	0,0460	-103	-95
1,9100E+09	-92	-92	0,000494300	0,0099	-92	-99
1,9300E+09	-98	-98	0,001404000	0,0479	-98	-101
1,9500E+09	-89	-89	0,000013440	0,0069	-89	-96
1,9700E+09	-90	-90	0,000473900	-0,0276	-90	-92
1,9900E+09	-92	-92	0,000065940	0,0094	-92	-110
2,0100E+09	-100	-100	0,000003292	0,0089	-100	-94
2,0300E+09	-94	-94	0,000139700	0,0112	-94	-111
2,0500E+09	-91	-91	0,000425500	0,0118	-91	-127
2,0700E+09	-101	-101	0,001292000	0,0509	-101	-92
2,0900E+09	-93	-93	0,000766700	0,0123	-93	-111
2,1100E+09	-95	-95	0,000352200	0,0090	-95	-101
2,1300E+09	-96	-96	0,000470800	0,0130	-96	-92
2,1500E+09	-91	-91	0,000685100	0,0117	-91	-97
2,1700E+09	-130	-130	0,000330000	0,0114	-130	-91
2,1900E+09	-106	-106	0,000247000	0,0129	-106	-98
2,2100E+09	-99	-99	0,000931500	0,0135	-99	-92
2,2300E+09	-96	-96	0,001971000	0,0115	-96	-111
2,2500E+09	-92	-92	0,001458000	0,0150	-92	-91
2,2700E+09	-98	-98	0,000731400	0,0142	-98	-107
2,2900E+09	-99	-99	0,000434700	0,0144	-99	-106
2,3100E+09	-96	-96	0,000838500	0,0146	-96	-93

Table 21: Drift results as inserted into the `VNA Tools II` database - 2.

Frequency / Hz	Switch Term Drift / dB	Directivity Drift / dB	Tracking Drift Mag / dB	Tracking Drift Phase /	Match Drift / dB	Isolation / dB
2,3300E+09	-99	-99	0,000872800	0,0127	-99	-105
2,3500E+09	-98	-98	0,000428000	0,0124	-98	-91
2,3700E+09	-100	-100	0,001001000	0,0151	-100	-95
2,3900E+09	-100	-100	0,001003000	0,0131	-100	-92
2,4100E+09	-86	-86	0,001128000	0,0192	-86	-94
2,4300E+09	-94	-94	0,000714700	0,0165	-94	-94
2,4500E+09	-97	-97	0,000524900	0,0155	-97	-101
2,4700E+09	-101	-101	0,000740900	0,0173	-101	-111
2,4900E+09	-99	-99	0,000294400	0,0152	-99	-100
2,5110E+09	-99	-99	0,000678200	0,0157	-99	-116
2,5310E+09	-106	-106	0,000194300	0,0166	-106	-103
2,5510E+09	-94	-94	0,000400600	0,0147	-94	-101
2,5710E+09	-93	-93	0,000480800	0,0146	-93	-100
2,5910E+09	-93	-93	0,000697300	0,0155	-93	-118
2,6110E+09	-94	-94	0,000008756	0,0174	-94	-111
2,6310E+09	-95	-95	0,000314700	0,0183	-95	-95
2,6510E+09	-95	-95	0,000907700	0,0165	-95	-96
2,6710E+09	-101	-101	0,001105000	0,0183	-101	-98
2,6910E+09	-119	-119	0,001014000	0,0187	-119	-95
2,7110E+09	-100	-100	0,000751600	0,0181	-100	-93
2,7310E+09	-150	-150	0,000791400	0,0188	-150	-101
2,7510E+09	-101	-101	0,000780600	0,0203	-101	-94
2,7710E+09	-104	-104	0,000774000	0,0196	-104	-95
2,7910E+09	-93	-93	0,001148000	0,0220	-93	-104
2,8110E+09	-86	-86	0,001842000	0,0593	-86	-92
2,8310E+09	-99	-99	0,001555000	0,0188	-99	-91
2,8510E+09	-99	-99	0,001216000	0,0206	-99	-92
2,8710E+09	-93	-93	0,000566200	0,0198	-93	-91
2,8910E+09	-94	-94	0,001275000	0,0184	-94	-92
2,9110E+09	-106	-106	0,001749000	0,0196	-106	-87
2,9310E+09	-117	-117	0,000218100	-0,0171	-117	-87
2,9510E+09	-97	-97	0,000586100	0,0204	-97	-102
2,9710E+09	-120	-120	0,000309600	0,0203	-120	-94
2,9910E+09	-111	-111	0,000070110	0,0206	-111	-98
3,0110E+09	-99	-99	0,000523700	0,0225	-99	-106
3,0310E+09	-93	-93	0,000565000	0,0231	-93	-92
3,0510E+09	-94	-94	0,000224100	-0,0167	-94	-88
3,0710E+09	-89	-89	0,001415000	0,0600	-89	-90
3,0910E+09	-102	-102	0,000138800	-0,0135	-102	-109
3,1110E+09	-112	-112	0,000739900	0,0219	-112	-96
3,1310E+09	-91	-91	0,001876000	0,0629	-91	-92
3,1510E+09	-86	-86	0,000344700	-0,0135	-86	-87
3,1710E+09	-90	-90	0,000113300	0,0223	-90	-95
3,1910E+09	-98	-98	0,001065000	0,0217	-98	-86
3,2110E+09	-87	-87	0,001483000	0,0218	-87	-112
3,2310E+09	-85	-85	0,000756100	0,0238	-85	-101
3,2510E+09	-84	-84	0,000759300	0,0247	-84	-95
3,2710E+09	-87	-87	0,000387400	-0,0146	-87	-99
3,2910E+09	-111	-111	0,001121000	0,0259	-111	-96
3,3110E+09	-107	-107	0,000147300	0,0248	-107	-97
3,3310E+09	-92	-92	0,001101000	0,0246	-92	-98
3,3510E+09	-96	-96	0,000130900	-0,0093	-96	-90
3,3710E+09	-84	-84	0,001723000	0,0598	-84	-93
3,3910E+09	-87	-87	0,001127000	0,0225	-87	-106
3,4110E+09	-90	-90	0,000149100	-0,0110	-90	-98
3,4310E+09	-87	-87	0,001807000	0,0641	-87	-96
3,4510E+09	-101	-101	0,000119100	-0,0119	-101	-87
3,4710E+09	-100	-100	0,001893000	0,0633	-100	-87

Table 22: Drift results as inserted into the `VNA Tools II` database - 3.

Frequency / Hz	Switch Term Drift / dB	Directivity Drift / dB	Tracking Drift Mag / dB	Tracking Drift Phase /	Match Drift / dB	Isolation / dB
3,4910E+09	-126	-126	0,000686900	0,0289	-126	-104
3,5110E+09	-97	-97	0,001029000	0,0283	-97	-115
3,5310E+09	-103	-103	0,000173300	-0,0078	-103	-93
3,5510E+09	-90	-90	0,001462000	0,0642	-90	-87
3,5710E+09	-91	-91	0,000087760	-0,0055	-91	-98
3,5910E+09	-78	-78	0,001770000	0,0644	-78	-93
3,6110E+09	-87	-87	0,000806100	-0,0068	-87	-169
3,6310E+09	-93	-93	0,001420000	0,0619	-93	-86
3,6510E+09	-99	-99	0,001028000	0,0638	-99	-96
3,6710E+09	-84	-84	0,000362400	0,0282	-84	-88
3,6910E+09	-101	-101	0,001773000	0,0612	-101	-99
3,7110E+09	-92	-92	0,001588000	0,0611	-92	-110
3,7310E+09	-87	-87	0,001334000	0,0625	-87	-99
3,7510E+09	-94	-94	0,001251000	-0,0044	-94	-121
3,7710E+09	-92	-92	0,001041000	0,0620	-92	-91
3,7910E+09	-87	-87	0,000422700	-0,0046	-87	-95
3,8110E+09	-82	-82	0,000739400	0,0264	-82	-90
3,8310E+09	-83	-83	0,002280000	0,0653	-83	-89
3,8510E+09	-95	-95	0,003306000	0,0640	-95	-96
3,8710E+09	-124	-124	0,002331000	0,0613	-124	-87
3,8910E+09	-95	-95	0,002042000	0,0653	-95	-86
3,9110E+09	-91	-91	0,001133000	0,0285	-91	-94
3,9310E+09	-85	-85	0,001321000	0,0310	-85	-97
3,9510E+09	-81	-81	0,000941200	0,0271	-81	-92
3,9710E+09	-93	-93	0,000597300	-0,0019	-93	-98
3,9910E+09	-84	-84	0,002405000	0,0632	-84	-101
4,0110E+09	-93	-93	0,001139000	-0,0024	-93	-82
4,0310E+09	-85	-85	0,001971000	0,0333	-85	-107
4,0510E+09	-84	-84	0,001166000	0,0325	-84	-85
4,0710E+09	-92	-92	0,001362000	0,0332	-92	-90
4,0910E+09	-104	-104	0,000696200	-0,0022	-104	-94
4,1110E+09	-90	-90	0,001481000	0,0321	-90	-87
4,1310E+09	-95	-95	0,000174900	-0,0002	-95	-97
4,1510E+09	-88	-88	0,000294600	0,0016	-88	-88
4,1710E+09	-85	-85	0,000929000	0,0335	-85	-89
4,1910E+09	-91	-91	0,001082000	0,0330	-91	-101
4,2110E+09	-105	-105	0,002046000	0,0331	-105	-96
4,2310E+09	-97	-97	0,001778000	0,0348	-97	-90
4,2510E+09	-89	-89	0,000519500	0,0034	-89	-96
4,2710E+09	-104	-104	0,001613000	0,0350	-104	-97
4,2910E+09	-94	-94	0,000130000	0,0357	-94	-103
4,3110E+09	-97	-97	0,001524000	0,0372	-97	-104
4,3310E+09	-92	-92	0,000211100	0,0014	-92	-92
4,3510E+09	-112	-112	0,000370900	0,0342	-112	-90
4,3710E+09	-112	-112	0,000356600	0,0343	-112	-86
4,3910E+09	-89	-89	0,001474000	0,0361	-89	-122
4,4110E+09	-94	-94	0,001287000	0,0335	-94	-93
4,4310E+09	-113	-113	0,001368000	0,0680	-113	-99
4,4510E+09	-104	-104	0,000733800	0,0040	-104	-91
4,4710E+09	-97	-97	0,001016000	0,0340	-97	-102
4,4910E+09	-90	-90	0,001221000	0,0357	-90	-100
4,5110E+09	-102	-102	0,001501000	0,0652	-102	-105
4,5310E+09	-96	-96	0,000954300	0,0365	-96	-112
4,5510E+09	-102	-102	0,001520000	0,0374	-102	-98
4,5710E+09	-117	-117	0,000967800	0,0343	-117	-99
4,5910E+09	-105	-105	0,001648000	0,0345	-105	-109
4,6110E+09	-99	-99	0,001088000	0,0363	-99	-101
4,6310E+09	-93	-93	0,002668000	0,0382	-93	-83

Table 23: Drift results as inserted into the `VNA Tools II` database - 4.

Frequency / Hz	Switch Term Drift / dB	Directivity Drift / dB	Tracking Drift Mag / dB	Tracking Drift Phase /	Match Drift / dB	Isolation / dB
4,6510E+09	-99	-99	0,001026000	0,0075	-99	-85
4,6710E+09	-92	-92	0,001107000	0,0386	-92	-92
4,6910E+09	-96	-96	0,000033320	0,0066	-96	-115
4,7110E+09	-99	-99	0,001319000	0,0396	-99	-87
4,7310E+09	-98	-98	0,001084000	0,0393	-98	-86
4,7510E+09	-99	-99	0,001151000	0,0388	-99	-88
4,7710E+09	-100	-100	0,001061000	0,0400	-100	-87
4,7910E+09	-96	-96	0,001235000	0,0387	-96	-122
4,8110E+09	-102	-102	0,001808000	0,0382	-102	-98
4,8310E+09	-92	-92	0,001896000	0,0383	-92	-98
4,8510E+09	-96	-96	0,001977000	0,0694	-96	-92
4,8710E+09	-103	-103	0,001885000	0,0390	-103	-89
4,8910E+09	-128	-128	0,001224000	0,0399	-128	-99
4,9110E+09	-98	-98	0,001247000	0,0374	-98	-94
4,9310E+09	-94	-94	0,001616000	0,0385	-94	-98
4,9510E+09	-92	-92	0,001504000	0,0393	-92	-95
4,9710E+09	-92	-92	0,000965100	0,0393	-92	-95
4,9910E+09	-88	-88	0,002038000	0,0378	-88	-92
5,0110E+09	-91	-91	0,001937000	0,0382	-91	-107
5,0310E+09	-95	-95	0,002418000	0,0375	-95	-88
5,0510E+09	-87	-87	0,001416000	0,0404	-87	-98
5,0710E+09	-84	-84	0,002172000	0,0395	-84	-105
5,0910E+09	-84	-84	0,002320000	0,0398	-84	-93
5,1110E+09	-86	-86	0,000967800	0,0410	-86	-118
5,1310E+09	-90	-90	0,001331000	0,0397	-90	-93
5,1510E+09	-90	-90	0,002051000	0,0404	-90	-87
5,1710E+09	-88	-88	0,001786000	0,0421	-88	-101
5,1910E+09	-85	-85	0,001851000	0,0406	-85	-109
5,2110E+09	-90	-90	0,001667000	0,0403	-90	-87
5,2310E+09	-84	-84	0,001409000	0,0419	-84	-103
5,2510E+09	-87	-87	0,001780000	0,0413	-87	-97
5,2710E+09	-94	-94	0,001279000	0,0434	-94	-104
5,2910E+09	-112	-112	0,001701000	0,0426	-112	-85
5,3110E+09	-102	-102	0,001848000	0,0420	-102	-86
5,3310E+09	-93	-93	0,001464000	0,0409	-93	-100
5,3510E+09	-86	-86	0,000749700	0,0428	-86	-122
5,3710E+09	-82	-82	0,000978800	0,0422	-82	-88
5,3910E+09	-84	-84	0,001447000	0,0421	-84	-91
5,4110E+09	-89	-89	0,001603000	0,0424	-89	-103
5,4310E+09	-109	-109	0,000789900	0,0430	-109	-87
5,4510E+09	-120	-120	0,000807400	0,0437	-120	-87
5,4710E+09	-97	-97	0,000256000	0,0449	-97	-99
5,4910E+09	-101	-101	0,001014000	0,0429	-101	-102
5,5110E+09	-107	-107	0,001089000	0,0437	-107	-95
5,5310E+09	-118	-118	0,001144000	0,0435	-118	-117
5,5510E+09	-94	-94	0,001366000	0,0467	-94	-108
5,5710E+09	-83	-83	0,001655000	0,0452	-83	-90
5,5910E+09	-82	-82	0,000843000	0,0450	-82	-86
5,6110E+09	-83	-83	0,000979100	0,0455	-83	-91
5,6310E+09	-87	-87	0,001030000	0,0450	-87	-104
5,6510E+09	-91	-91	0,001210000	0,0440	-91	-87
5,6710E+09	-105	-105	0,000939500	0,0465	-105	-92
5,6910E+09	-89	-89	0,000763200	0,0443	-89	-100
5,7110E+09	-88	-88	0,000579400	0,0446	-88	-116
5,7310E+09	-88	-88	0,000985100	0,0475	-88	-103
5,7510E+09	-84	-84	0,000725500	0,0162	-84	-90
5,7710E+09	-82	-82	0,001154000	0,0474	-82	-108
5,7910E+09	-80	-80	0,001457000	0,0470	-80	-109

Table 24: Drift results as inserted into the `VNA Tools II` database - 5.

Frequency / Hz	Switch Term Drift / dB	Directivity Drift / dB	Tracking Drift Mag / dB	Tracking Drift Phase /	Match Drift / dB	Isolation / dB
5,8110E+09	-80	-80	0,000694500	0,0465	-80	-98
5,8310E+09	-85	-85	0,000784300	0,0475	-85	-96
5,8510E+09	-96	-96	0,000785500	0,0490	-96	-93
5,8710E+09	-103	-103	0,001644000	0,0490	-103	-93
5,8910E+09	-86	-86	0,000902200	0,0489	-86	-89
5,9110E+09	-88	-88	0,000648000	0,0508	-88	-104
5,9310E+09	-87	-87	0,000741700	0,0461	-87	-100
5,9510E+09	-90	-90	0,000677000	0,0495	-90	-89
5,9710E+09	-87	-87	0,000243400	0,0495	-87	-87
5,9910E+09	-82	-82	0,000498800	0,0467	-82	-96
6,0110E+09	-84	-84	0,000767800	0,0485	-84	-111
6,0310E+09	-85	-85	0,000605300	0,0528	-85	-103
6,0510E+09	-91	-91	0,001138000	0,0461	-91	-105
6,0710E+09	-102	-102	0,001305000	0,0488	-102	-89
6,0910E+09	-89	-89	0,001060000	0,0484	-89	-83
6,1110E+09	-106	-106	0,001544000	0,0511	-106	-104
6,1310E+09	-95	-95	0,001317000	0,0488	-95	-90
6,1510E+09	-89	-89	0,001230000	0,0490	-89	-89
6,1710E+09	-89	-89	0,001964000	0,0496	-89	-92
6,1910E+09	-94	-94	0,001502000	0,0482	-94	-91
6,2110E+09	-91	-91	0,001873000	0,0516	-91	-95
6,2310E+09	-84	-84	0,001803000	0,0509	-84	-92
6,2510E+09	-88	-88	0,001169000	0,0520	-88	-94
6,2710E+09	-101	-101	0,001568000	0,0511	-101	-95
6,2910E+09	-102	-102	0,001857000	0,0518	-102	-92
6,3110E+09	-116	-116	0,001593000	0,0480	-116	-96
6,3310E+09	-99	-99	0,001237000	0,0517	-99	-116
6,3510E+09	-95	-95	0,001312000	0,0494	-95	-96
6,3710E+09	-87	-87	0,001538000	0,0496	-87	-113
6,3910E+09	-86	-86	0,001811000	0,0513	-86	-93
6,4110E+09	-92	-92	0,001900000	0,0486	-92	-93
6,4310E+09	-97	-97	0,001738000	0,0505	-97	-87
6,4510E+09	-96	-96	0,001563000	0,0517	-96	-93
6,4710E+09	-88	-88	0,001417000	0,0523	-88	-121
6,4910E+09	-88	-88	0,001165000	0,0530	-88	-103
6,5110E+09	-93	-93	0,001025000	0,0517	-93	-96
6,5310E+09	-121	-121	0,001343000	0,0559	-121	-107
6,5510E+09	-98	-98	0,001818000	0,0519	-98	-92
6,5710E+09	-107	-107	0,001141000	0,0527	-107	-91
6,5910E+09	-105	-105	0,001777000	0,0560	-105	-96
6,6110E+09	-92	-92	0,001159000	0,0524	-92	-85
6,6310E+09	-94	-94	0,001586000	0,0523	-94	-108
6,6510E+09	-92	-92	0,000913600	0,0536	-92	-91
6,6710E+09	-93	-93	0,001030000	0,0536	-93	-95
6,6910E+09	-99	-99	0,001183000	0,0523	-99	-97
6,7110E+09	-102	-102	0,001808000	0,0547	-102	-109
6,7310E+09	-89	-89	0,001728000	0,0535	-89	-96
6,7510E+09	-88	-88	0,001006000	0,0536	-88	-86
6,7710E+09	-89	-89	0,001143000	0,0553	-89	-94
6,7910E+09	-95	-95	0,000054370	0,0533	-95	-96
6,8110E+09	-108	-108	0,000461600	0,0551	-108	-86
6,8310E+09	-107	-107	0,000917200	0,0553	-107	-99
6,8510E+09	-100	-100	0,000687600	0,0559	-100	-99
6,8710E+09	-102	-102	0,001105000	0,0577	-102	-98
6,8910E+09	-89	-89	0,000645700	0,0575	-89	-97
6,9110E+09	-89	-89	0,000607500	0,0562	-89	-91
6,9310E+09	-102	-102	0,000658900	0,0551	-102	-96
6,9510E+09	-99	-99	0,000049650	0,0542	-99	-90

Table 25: Drift results as inserted into the `VNA Tools II` database - 6.

Frequency / Hz	Switch Term Drift / dB	Directivity Drift / dB	Tracking Drift Mag / dB	Tracking Drift Phase /	Match Drift / dB	Isolation / dB
6,9710E+09	-100	-100	0,000487200	0,0559	-100	-98
6,9910E+09	-86	-86	0,000210900	0,0560	-86	-96
7,0110E+09	-83	-83	0,001145000	0,0552	-83	-89
7,0310E+09	-83	-83	0,001641000	0,0551	-83	-92
7,0510E+09	-93	-93	0,000759400	0,0572	-93	-97
7,0710E+09	-98	-98	0,001133000	0,0545	-98	-90
7,0910E+09	-92	-92	0,000214200	0,0550	-92	-92
7,1110E+09	-86	-86	0,000970900	0,0561	-86	-106
7,1310E+09	-84	-84	0,000889800	0,0566	-84	-121
7,1510E+09	-83	-83	0,000032180	0,0570	-83	-103
7,1710E+09	-82	-82	0,000161200	0,0555	-82	-97
7,1910E+09	-82	-82	0,001040000	0,0572	-82	-111
7,2110E+09	-81	-81	0,000339300	0,0547	-81	-93
7,2310E+09	-81	-81	0,000786600	0,0562	-81	-99
7,2510E+09	-82	-82	0,001226000	0,0587	-82	-111
7,2710E+09	-86	-86	0,000307200	0,0576	-86	-98
7,2910E+09	-95	-95	0,000635600	0,0578	-95	-88
7,3110E+09	-92	-92	0,000040470	0,0587	-92	-90
7,3310E+09	-94	-94	0,000598100	0,0599	-94	-93
7,3510E+09	-86	-86	0,000529200	0,0574	-86	-137
7,3710E+09	-83	-83	0,000249600	0,0584	-83	-110
7,3910E+09	-81	-81	0,000284100	0,0601	-81	-96
7,4110E+09	-81	-81	0,000695200	0,0569	-81	-88
7,4310E+09	-83	-83	0,000679700	0,0573	-83	-94
7,4510E+09	-87	-87	0,000973900	0,0576	-87	-89
7,4710E+09	-94	-94	0,000776000	0,0586	-94	-86
7,4910E+09	-95	-95	0,000843000	0,0597	-95	-94
7,5120E+09	-94	-94	0,000981200	0,0587	-94	-99
7,5320E+09	-107	-107	0,000113400	0,0607	-107	-111
7,5520E+09	-91	-91	0,000813500	0,0597	-91	-90
7,5720E+09	-84	-84	0,000388900	0,0573	-84	-101
7,5920E+09	-84	-84	0,000657000	0,0603	-84	-102
7,6120E+09	-83	-83	0,001044000	0,0603	-83	-94
7,6320E+09	-83	-83	0,000413000	0,0611	-83	-98
7,6520E+09	-81	-81	0,001370000	0,0627	-81	-105
7,6720E+09	-85	-85	0,001349000	0,0627	-85	-98
7,6920E+09	-88	-88	0,001532000	0,0627	-88	-93
7,7120E+09	-94	-94	0,001845000	0,0606	-94	-96
7,7320E+09	-92	-92	0,001222000	0,0621	-92	-90
7,7520E+09	-86	-86	0,001197000	0,0596	-86	-95
7,7720E+09	-85	-85	0,000377900	0,0647	-85	-93
7,7920E+09	-81	-81	0,001774000	0,0635	-81	-93
7,8120E+09	-79	-79	0,000950400	0,0600	-79	-122
7,8320E+09	-78	-78	0,000934200	0,0634	-78	-97
7,8520E+09	-81	-81	0,001300000	0,0621	-81	-101
7,8720E+09	-85	-85	0,000628900	0,0650	-85	-88
7,8920E+09	-87	-87	0,001192000	0,0648	-87	-93
7,9120E+09	-93	-93	0,001493000	0,0622	-93	-87
7,9320E+09	-91	-91	0,001718000	0,0648	-91	-89
7,9520E+09	-89	-89	0,001761000	0,0632	-89	-88
7,9720E+09	-82	-82	0,002069000	0,0647	-82	-152
7,9920E+09	-79	-79	0,001686000	0,0630	-79	-88
8,0120E+09	-80	-80	0,001224000	0,0644	-80	-124
8,0320E+09	-82	-82	0,002097000	0,0663	-82	-86
8,0520E+09	-81	-81	0,001357000	0,0652	-81	-93
8,0720E+09	-81	-81	0,001647000	0,0663	-81	-89
8,0920E+09	-85	-85	0,001518000	0,0649	-85	-105
8,1120E+09	-89	-89	0,000641800	0,0640	-89	-97

Table 26: Drift results as inserted into the `VNA Tools II` database - 7.

Frequency / Hz	Switch Term Drift / dB	Directivity Drift / dB	Tracking Drift Mag / dB	Tracking Drift Phase /	Match Drift / dB	Isolation / dB
8,1320E+09	-91	-91	0,000289900	0,0658	-91	-88
8,1520E+09	-88	-88	0,001203000	0,0675	-88	-98
8,1720E+09	-84	-84	0,001615000	0,0656	-84	-94
8,1920E+09	-83	-83	0,001147000	0,0674	-83	-88
8,2120E+09	-80	-80	0,001828000	0,0663	-80	-94
8,2320E+09	-81	-81	0,001030000	0,0611	-81	-91
8,2520E+09	-83	-83	0,001389000	0,0677	-83	-89
8,2720E+09	-88	-88	0,001446000	0,0642	-88	-86
8,2920E+09	-90	-90	0,001608000	0,0630	-90	-86
8,3120E+09	-87	-87	0,001507000	0,0644	-87	-101
8,3320E+09	-93	-93	0,001715000	0,0641	-93	-125
8,3520E+09	-96	-96	0,001838000	0,0675	-96	-90
8,3720E+09	-86	-86	0,001097000	0,0697	-86	-93
8,3920E+09	-80	-80	0,001723000	0,0688	-80	-91
8,4120E+09	-81	-81	0,001372000	0,0661	-81	-87
8,4320E+09	-82	-82	0,001771000	0,0672	-82	-99
8,4520E+09	-89	-89	0,001486000	0,0668	-89	-87
8,4720E+09	-96	-96	0,000740100	0,0704	-96	-88
8,4920E+09	-95	-95	0,000955400	0,0715	-95	-101
8,5120E+09	-93	-93	0,001076000	0,0677	-93	-106
8,5320E+09	-89	-89	0,001999000	0,0674	-89	-91
8,5520E+09	-91	-91	0,001376000	0,0673	-91	-94
8,5720E+09	-94	-94	0,001008000	0,0674	-94	-101
8,5920E+09	-98	-98	0,000930000	0,0693	-98	-95
8,6120E+09	-91	-91	0,001278000	0,0688	-91	-87
8,6320E+09	-84	-84	0,000626000	0,0689	-84	-105
8,6520E+09	-85	-85	0,000985100	0,0692	-85	-95
8,6720E+09	-94	-94	0,001401000	0,0717	-94	-103
8,6920E+09	-99	-99	0,000953700	0,0702	-99	-91
8,7120E+09	-91	-91	0,000597200	0,0702	-91	-99
8,7320E+09	-87	-87	0,000917500	0,0722	-87	-103
8,7520E+09	-89	-89	0,001196000	0,0722	-89	-94
8,7720E+09	-90	-90	0,001295000	0,0719	-90	-88
8,7920E+09	-88	-88	0,000998600	0,0725	-88	-89
8,8120E+09	-88	-88	0,001921000	0,0701	-88	-95
8,8320E+09	-92	-92	0,001974000	0,0727	-92	-85
8,8520E+09	-87	-87	0,002000000	0,0716	-87	-85
8,8720E+09	-82	-82	0,001716000	0,0733	-82	-123
8,8920E+09	-81	-81	0,001373000	0,0726	-81	-92
8,9120E+09	-84	-84	0,001502000	0,0716	-84	-86
8,9320E+09	-86	-86	0,001667000	0,0711	-86	-86
8,9520E+09	-86	-86	0,002052000	0,0731	-86	-109
8,9720E+09	-83	-83	0,001724000	0,0709	-83	-94
8,9920E+09	-86	-86	0,001981000	0,0739	-86	-90
9,0120E+09	-89	-89	0,001114000	0,0708	-89	-86
9,0320E+09	-114	-114	0,001346000	0,0743	-114	-86
9,0520E+09	-87	-87	0,001298000	0,0722	-87	-95
9,0720E+09	-83	-83	0,001493000	0,0752	-83	-88
9,0920E+09	-83	-83	0,001996000	0,0754	-83	-88
9,1120E+09	-85	-85	0,000976900	0,0753	-85	-90
9,1320E+09	-88	-88	0,000855100	0,0735	-88	-93
9,1520E+09	-94	-94	0,001015000	0,0746	-94	-91
9,1720E+09	-117	-117	0,001293000	0,0727	-117	-85
9,1920E+09	-107	-107	0,001393000	0,0736	-107	-99
9,2120E+09	-90	-90	0,002049000	0,0724	-90	-96
9,2320E+09	-93	-93	0,002154000	0,0728	-93	-112
9,2520E+09	-88	-88	0,002092000	0,0750	-88	-95
9,2720E+09	-101	-101	0,002163000	0,0761	-101	-98

Table 27: Drift results as inserted into the `VNA Tools II` database - 8.

Frequency / Hz	Switch Term Drift / dB	Directivity Drift / dB	Tracking Drift Mag / dB	Tracking Drift Phase /	Match Drift / dB	Isolation / dB
9,2920E+09	-87	-87	0,001428000	0,0770	-87	-90
9,3120E+09	-81	-81	0,001763000	0,0764	-81	-83
9,3320E+09	-84	-84	0,002606000	0,0759	-84	-100
9,3520E+09	-85	-85	0,001853000	0,0767	-85	-93
9,3720E+09	-86	-86	0,002168000	0,0760	-86	-94
9,3920E+09	-85	-85	0,001059000	0,0746	-85	-90
9,4120E+09	-82	-82	0,001362000	0,0779	-82	-99
9,4320E+09	-82	-82	0,001474000	0,0772	-82	-94
9,4520E+09	-82	-82	0,001549000	0,0761	-82	-95
9,4720E+09	-85	-85	0,001961000	0,0760	-85	-99
9,4920E+09	-89	-89	0,002212000	0,0757	-89	-108
9,5120E+09	-91	-91	0,002161000	0,0777	-91	-108
9,5320E+09	-89	-89	0,001149000	0,0779	-89	-89
9,5520E+09	-91	-91	0,001372000	0,0803	-91	-107
9,5720E+09	-84	-84	0,001429000	0,0787	-84	-98
9,5920E+09	-82	-82	0,001742000	0,0784	-82	-97
9,6120E+09	-82	-82	0,001657000	0,0814	-82	-96
9,6320E+09	-82	-82	0,000898700	0,0812	-82	-120
9,6520E+09	-80	-80	0,001507000	0,0798	-80	-92
9,6720E+09	-82	-82	0,001411000	0,0824	-82	-86
9,6920E+09	-86	-86	0,002169000	0,0818	-86	-87
9,7120E+09	-98	-98	0,001923000	0,0786	-98	-108
9,7320E+09	-91	-91	0,001473000	0,0791	-91	-96
9,7520E+09	-89	-89	0,002196000	0,0802	-89	-99
9,7720E+09	-85	-85	0,001656000	0,0801	-85	-93
9,7920E+09	-79	-79	0,001062000	0,0834	-79	-95
9,8120E+09	-76	-76	0,001142000	0,0836	-76	-92
9,8320E+09	-76	-76	0,001725000	0,0796	-76	-96
9,8520E+09	-78	-78	0,002102000	0,0819	-78	-126
9,8720E+09	-81	-81	0,002227000	0,0835	-81	-87
9,8920E+09	-85	-85	0,002246000	0,0793	-85	-92
9,9120E+09	-87	-87	0,002720000	0,0842	-87	-103
9,9320E+09	-94	-94	0,002365000	0,0823	-94	-94
9,9520E+09	-90	-90	0,001780000	0,0796	-90	-91
9,9720E+09	-83	-83	0,001498000	0,0818	-83	-91
9,9920E+09	-79	-79	0,002023000	0,0830	-79	-109
1,0010E+10	-78	-78	0,002261000	0,0820	-78	-88
1,0030E+10	-77	-77	0,001851000	0,0817	-77	-99
1,0050E+10	-79	-79	0,001631000	0,0805	-79	-101
1,0070E+10	-82	-82	0,002259000	0,0810	-82	-119
1,0090E+10	-88	-88	0,002279000	0,0812	-88	-96
1,0110E+10	-92	-92	0,002330000	0,0818	-92	-91
1,0130E+10	-88	-88	0,002570000	0,0844	-88	-106
1,0150E+10	-85	-85	0,002576000	0,0826	-85	-93
1,0170E+10	-83	-83	0,002307000	0,0830	-83	-87
1,0190E+10	-80	-80	0,001665000	0,0839	-80	-99
1,0210E+10	-78	-78	0,001288000	0,0876	-78	-94
1,0230E+10	-77	-77	0,001155000	0,0841	-77	-103
1,0250E+10	-78	-78	0,001486000	0,0813	-78	-87
1,0270E+10	-81	-81	0,001131000	0,0563	-81	-83
1,0290E+10	-90	-90	0,001608000	0,0837	-90	-81
1,0310E+10	-83	-83	0,002382000	0,0848	-83	-89
1,0330E+10	-82	-82	0,002078000	0,0805	-82	-98
1,0350E+10	-79	-79	0,001806000	0,0828	-79	-100
1,0370E+10	-79	-79	0,002644000	0,0832	-79	-92
1,0390E+10	-80	-80	0,002171000	0,0831	-80	-88
1,0410E+10	-83	-83	0,001633000	0,0853	-83	-88
1,0430E+10	-83	-83	0,002111000	0,0830	-83	-95

Table 28: Drift results as inserted into the `VNA Tools II` database - 9.

Frequency / Hz	Switch Term Drift / dB	Directivity Drift / dB	Tracking Drift Mag / dB	Tracking Drift Phase /	Match Drift / dB	Isolation / dB
1,0450E+10	-81	-81	0,002633000	0,0848	-81	-134
1,0470E+10	-80	-80	0,002911000	0,0850	-80	-92
1,0490E+10	-82	-82	0,003054000	0,0855	-82	-103
1,0510E+10	-84	-84	0,002210000	0,0856	-84	-97
1,0530E+10	-87	-87	0,002236000	0,0862	-87	-92
1,0550E+10	-87	-87	0,001573000	0,0849	-87	-94
1,0570E+10	-84	-84	0,001616000	0,0863	-84	-85
1,0590E+10	-82	-82	0,002005000	0,0833	-82	-87
1,0610E+10	-83	-83	0,002043000	0,0842	-83	-91
1,0630E+10	-83	-83	0,002183000	0,0876	-83	-98
1,0650E+10	-85	-85	0,002302000	0,0862	-85	-92
1,0670E+10	-85	-85	0,002970000	0,0857	-85	-105
1,0690E+10	-82	-82	0,002344000	0,0839	-82	-92
1,0710E+10	-79	-79	0,002468000	0,0877	-79	-99
1,0730E+10	-81	-81	0,001748000	0,0858	-81	-97
1,0750E+10	-79	-79	0,002442000	0,0880	-79	-92
1,0770E+10	-80	-80	0,002746000	0,0879	-80	-87
1,0790E+10	-80	-80	0,002538000	0,0870	-80	-92
1,0810E+10	-83	-83	0,002483000	0,0892	-83	-96
1,0830E+10	-88	-88	0,002853000	0,0898	-88	-87
1,0850E+10	-86	-86	0,003210000	0,0891	-86	-88
1,0870E+10	-81	-81	0,002734000	0,0903	-81	-86
1,0890E+10	-80	-80	0,002747000	0,0871	-80	-82
1,0910E+10	-83	-83	0,003269000	0,0867	-83	-92
1,0930E+10	-92	-92	0,002632000	0,0855	-92	-85
1,0950E+10	-95	-95	0,002808000	0,0879	-95	-85
1,0970E+10	-84	-84	0,003069000	0,0897	-84	-93
1,0990E+10	-84	-84	0,002671000	0,0913	-84	-101
1,1010E+10	-85	-85	0,002979000	0,0917	-85	-98
1,1030E+10	-83	-83	0,002822000	0,0887	-83	-93
1,1050E+10	-81	-81	0,002444000	0,0876	-81	-87
1,1070E+10	-82	-82	0,003170000	0,0914	-82	-93
1,1090E+10	-87	-87	0,002527000	0,0908	-87	-114
1,1110E+10	-93	-93	0,003421000	0,0891	-93	-94
1,1130E+10	-82	-82	0,003110000	0,0912	-82	-90
1,1150E+10	-83	-83	0,003533000	0,0915	-83	-88
1,1170E+10	-94	-94	0,003383000	0,0914	-94	-87
1,1190E+10	-98	-98	0,002817000	0,0919	-98	-88
1,1210E+10	-87	-87	0,002829000	0,0927	-87	-92
1,1230E+10	-85	-85	0,002493000	0,0899	-85	-84
1,1250E+10	-80	-80	0,003610000	0,0891	-80	-99
1,1270E+10	-83	-83	0,003738000	0,0885	-83	-98
1,1290E+10	-87	-87	0,003396000	0,0917	-87	-86
1,1310E+10	-88	-88	0,003427000	0,0904	-88	-90
1,1330E+10	-100	-100	0,003651000	0,0911	-100	-89
1,1350E+10	-87	-87	0,003430000	0,0909	-87	-78
1,1370E+10	-115	-115	0,002971000	0,0911	-115	-83
1,1390E+10	-97	-97	0,003207000	0,0923	-97	-95
1,1410E+10	-96	-96	0,003028000	0,0941	-96	-87
1,1430E+10	-81	-81	0,003119000	0,0922	-81	-90
1,1450E+10	-78	-78	0,003447000	0,0933	-78	-85
1,1470E+10	-80	-80	0,003254000	0,0941	-80	-92
1,1490E+10	-82	-82	0,003729000	0,0952	-82	-97
1,1510E+10	-84	-84	0,002945000	0,0984	-84	-92
1,1530E+10	-86	-86	0,003279000	0,0965	-86	-94
1,1550E+10	-85	-85	0,002504000	0,0956	-85	-88
1,1570E+10	-92	-92	0,002851000	0,0966	-92	-96
1,1590E+10	-87	-87	0,002293000	0,0981	-87	-120

Table 29: Drift results as inserted into the `VNA Tools II` database - 10.

Frequency / Hz	Switch Term Drift / dB	Directivity Drift / dB	Tracking Drift Mag / dB	Tracking Drift Phase /	Match Drift / dB	Isolation / dB
1,1610E+10	-81	-81	0,003202000	0,0972	-81	-88
1,1630E+10	-80	-80	0,002739000	0,0981	-80	-90
1,1650E+10	-79	-79	0,002970000	0,1004	-79	-89
1,1670E+10	-77	-77	0,002764000	0,0987	-77	-100
1,1690E+10	-77	-77	0,002678000	0,0993	-77	-98
1,1710E+10	-81	-81	0,001966000	0,0968	-81	-97
1,1730E+10	-88	-88	0,002649000	0,0941	-88	-91
1,1750E+10	-95	-95	0,002991000	0,0952	-95	-98
1,1770E+10	-87	-87	0,002766000	0,0968	-87	-114
1,1790E+10	-82	-82	0,002330000	0,0993	-82	-104
1,1810E+10	-79	-79	0,001578000	0,1017	-79	-95
1,1830E+10	-79	-79	0,002414000	0,0992	-79	-120
1,1850E+10	-78	-78	0,002961000	0,0988	-78	-94
1,1870E+10	-76	-76	0,002710000	0,0991	-76	-102
1,1890E+10	-76	-76	0,002059000	0,1044	-76	-92
1,1910E+10	-79	-79	0,002591000	0,1024	-79	-95
1,1930E+10	-88	-88	0,001654000	0,1038	-88	-92
1,1950E+10	-92	-92	0,002430000	0,1019	-92	-81
1,1970E+10	-86	-86	0,003026000	0,1024	-86	-81
1,1990E+10	-79	-79	0,002324000	0,1034	-79	-90
1,2010E+10	-76	-76	0,002058000	0,1013	-76	-84
1,2030E+10	-75	-75	0,001821000	0,1076	-75	-91
1,2050E+10	-76	-76	0,001719000	0,1068	-76	-93
1,2070E+10	-76	-76	0,002069000	0,1095	-76	-89
1,2090E+10	-78	-78	0,002186000	0,1068	-78	-95
1,2110E+10	-79	-79	0,002727000	0,1072	-79	-107
1,2130E+10	-81	-81	0,002529000	0,1058	-81	-94
1,2150E+10	-80	-80	0,003139000	0,1050	-80	-100
1,2170E+10	-83	-83	0,002779000	0,1034	-83	-105
1,2190E+10	-82	-82	0,002583000	0,1063	-82	-104
1,2210E+10	-77	-77	0,002775000	0,1050	-77	-106
1,2230E+10	-74	-74	0,002264000	0,1042	-74	-86
1,2250E+10	-75	-75	0,002312000	0,1053	-75	-84
1,2270E+10	-79	-79	0,002060000	0,1054	-79	-99
1,2290E+10	-81	-81	0,001438000	0,0748	-81	-85
1,2310E+10	-82	-82	0,001692000	0,1043	-82	-97
1,2330E+10	-84	-84	0,002636000	0,1033	-84	-98
1,2350E+10	-87	-87	0,002160000	0,1049	-87	-99
1,2370E+10	-82	-82	0,001954000	0,1016	-82	-127
1,2390E+10	-78	-78	0,001732000	0,1055	-78	-91
1,2410E+10	-77	-77	0,001414000	0,1018	-77	-86
1,2430E+10	-78	-78	0,001599000	0,1032	-78	-106
1,2450E+10	-76	-76	0,002003000	0,1052	-76	-87
1,2470E+10	-75	-75	0,001776000	0,1052	-75	-99
1,2490E+10	-77	-77	0,002384000	0,1055	-77	-92
1,2510E+10	-80	-80	0,001807000	0,1074	-80	-83
1,2530E+10	-80	-80	0,001763000	0,1103	-80	-80
1,2550E+10	-74	-74	0,001457000	0,1115	-74	-122
1,2570E+10	-74	-74	0,001435000	0,1105	-74	-87
1,2590E+10	-75	-75	0,002301000	0,1068	-75	-94
1,2610E+10	-79	-79	0,002363000	0,1120	-79	-83
1,2630E+10	-80	-80	0,002361000	0,1098	-80	-83
1,2650E+10	-77	-77	0,002509000	0,1126	-77	-104
1,2670E+10	-76	-76	0,002018000	0,1124	-76	-90
1,2690E+10	-78	-78	0,001632000	0,1144	-78	-104
1,2710E+10	-79	-79	0,002068000	0,1104	-79	-112
1,2730E+10	-82	-82	0,002590000	0,1129	-82	-102
1,2750E+10	-82	-82	0,001694000	0,1129	-82	-99

Table 30: Drift results as inserted into the `VNA Tools II` database - 11.

Frequency / Hz	Switch Term Drift / dB	Directivity Drift / dB	Tracking Drift Mag / dB	Tracking Drift Phase /	Match Drift / dB	Isolation / dB
1,2770E+10	-81	-81	0,002481000	0,1109	-81	-95
1,2790E+10	-79	-79	0,002734000	0,1098	-79	-95
1,2810E+10	-78	-78	0,002532000	0,1099	-78	-84
1,2830E+10	-82	-82	0,002169000	0,1094	-82	-88
1,2850E+10	-93	-93	0,002373000	0,1112	-93	-83
1,2870E+10	-84	-84	0,002983000	0,1089	-84	-82
1,2890E+10	-76	-76	0,002645000	0,1098	-76	-113
1,2910E+10	-76	-76	0,002213000	0,1109	-76	-92
1,2930E+10	-76	-76	0,002964000	0,1074	-76	-95
1,2950E+10	-76	-76	0,002266000	0,1086	-76	-94
1,2970E+10	-76	-76	0,002716000	0,1112	-76	-101
1,2990E+10	-76	-76	0,002770000	0,1106	-76	-86
1,3010E+10	-78	-78	0,002001000	0,1108	-78	-81
1,3030E+10	-79	-79	0,001982000	0,1119	-79	-82
1,3050E+10	-80	-80	0,002592000	0,1112	-80	-88
1,3070E+10	-82	-82	0,002600000	0,1107	-82	-84
1,3090E+10	-79	-79	0,002996000	0,1120	-79	-86
1,3110E+10	-78	-78	0,002426000	0,1112	-78	-98
1,3130E+10	-76	-76	0,002114000	0,1120	-76	-81
1,3150E+10	-80	-80	0,002475000	0,1123	-80	-94
1,3170E+10	-86	-86	0,002639000	0,1138	-86	-85
1,3190E+10	-97	-97	0,003101000	0,1108	-97	-81
1,3210E+10	-94	-94	0,003023000	0,1125	-94	-91
1,3230E+10	-92	-92	0,003863000	0,1403	-92	-84
1,3250E+10	-90	-90	0,002385000	0,1132	-90	-92
1,3270E+10	-85	-85	0,003245000	0,1122	-85	-95
1,3290E+10	-82	-82	0,002400000	0,1136	-82	-80
1,3310E+10	-80	-80	0,003012000	0,1117	-80	-79
1,3330E+10	-81	-81	0,002669000	0,1139	-81	-89
1,3350E+10	-82	-82	0,002716000	0,1176	-82	-99
1,3370E+10	-84	-84	0,002796000	0,1162	-84	-95
1,3390E+10	-85	-85	0,002612000	0,1146	-85	-91
1,3410E+10	-93	-93	0,002569000	0,1152	-93	-77
1,3430E+10	-82	-82	0,003324000	0,1146	-82	-82
1,3450E+10	-80	-80	0,002875000	0,1155	-80	-122
1,3470E+10	-77	-77	0,002856000	0,1146	-77	-85
1,3490E+10	-78	-78	0,003150000	0,1132	-78	-89
1,3510E+10	-81	-81	0,002942000	0,1147	-81	-92
1,3530E+10	-84	-84	0,002531000	0,1184	-84	-89
1,3550E+10	-80	-80	0,002748000	0,1179	-80	-80
1,3570E+10	-84	-84	0,002579000	0,1168	-84	-93
1,3590E+10	-88	-88	0,002782000	0,1505	-88	-78
1,3610E+10	-84	-84	0,001767000	0,1150	-84	-80
1,3630E+10	-79	-79	0,000989800	0,1191	-79	-86
1,3650E+10	-76	-76	0,001872000	0,1157	-76	-91
1,3670E+10	-74	-74	0,000889800	0,1189	-74	-94
1,3690E+10	-75	-75	0,001705000	0,1168	-75	-95
1,3710E+10	-79	-79	0,002226000	0,1447	-79	-109
1,3730E+10	-82	-82	0,002296000	0,1138	-82	-113
1,3750E+10	-89	-89	0,002061000	0,1182	-89	-92
1,3770E+10	-92	-92	0,002410000	0,1191	-92	-96
1,3790E+10	-86	-86	0,001838000	0,1188	-86	-92
1,3810E+10	-80	-80	0,001233000	0,1170	-80	-97
1,3830E+10	-76	-76	0,002422000	0,1202	-76	-93
1,3850E+10	-75	-75	0,002351000	0,1185	-75	-94
1,3870E+10	-77	-77	0,002007000	0,1198	-77	-87
1,3890E+10	-76	-76	0,002358000	0,1197	-76	-85
1,3910E+10	-79	-79	0,002343000	0,1216	-79	-88

Table 31: Drift results as inserted into the `VNA Tools II` database - 12.

Frequency / Hz	Switch Term Drift / dB	Directivity Drift / dB	Tracking Drift Mag / dB	Tracking Drift Phase /	Match Drift / dB	Isolation / dB
1,3930E+10	-83	-83	0,002059000	0,1194	-83	-88
1,3950E+10	-88	-88	0,002645000	0,1213	-88	-83
1,3970E+10	-118	-118	0,002159000	0,1188	-118	-82
1,3990E+10	-90	-90	0,002027000	0,1201	-90	-96
1,4010E+10	-80	-80	0,002884000	0,1206	-80	-77
1,4030E+10	-78	-78	0,002004000	0,1200	-78	-86
1,4050E+10	-76	-76	0,001880000	0,1242	-76	-133
1,4070E+10	-73	-73	0,001456000	0,1258	-73	-92
1,4090E+10	-77	-77	0,001676000	0,1250	-77	-104
1,4110E+10	-82	-82	0,002102000	0,1244	-82	-93
1,4130E+10	-90	-90	0,001944000	0,1235	-90	-77
1,4150E+10	-96	-96	0,001934000	0,1245	-96	-76
1,4170E+10	-89	-89	0,002435000	0,1271	-89	-79
1,4190E+10	-77	-77	0,003283000	0,1568	-77	-83
1,4210E+10	-74	-74	0,002223000	0,1251	-74	-102
1,4230E+10	-72	-72	0,001943000	0,1246	-72	-89
1,4250E+10	-73	-73	0,002122000	0,1274	-73	-80
1,4270E+10	-77	-77	0,001387000	0,1264	-77	-86
1,4290E+10	-89	-89	0,001910000	0,1252	-89	-78
1,4310E+10	-85	-85	0,001952000	0,1517	-85	-83
1,4330E+10	-80	-80	0,001789000	0,1249	-80	-100
1,4350E+10	-79	-79	0,002201000	0,1199	-79	-122
1,4370E+10	-77	-77	0,002300000	0,1247	-77	-95
1,4390E+10	-75	-75	0,001905000	0,1246	-75	-107
1,4410E+10	-73	-73	0,002040000	0,1261	-73	-90
1,4430E+10	-73	-73	0,001887000	0,1261	-73	-82
1,4450E+10	-73	-73	0,002202000	0,1230	-73	-90
1,4470E+10	-74	-74	0,001951000	0,1257	-74	-97
1,4490E+10	-79	-79	0,001732000	0,1261	-79	-84
1,4510E+10	-85	-85	0,001737000	0,1259	-85	-83
1,4530E+10	-87	-87	0,001181000	0,1278	-87	-80
1,4550E+10	-83	-83	0,001902000	0,1245	-83	-91
1,4570E+10	-83	-83	0,002452000	0,1235	-83	-90
1,4590E+10	-79	-79	0,001923000	0,1266	-79	-88
1,4610E+10	-77	-77	0,002026000	0,1288	-77	-97
1,4630E+10	-76	-76	0,001834000	0,1271	-76	-100
1,4650E+10	-74	-74	0,002187000	0,1290	-74	-82
1,4670E+10	-76	-76	0,002069000	0,1308	-76	-82
1,4690E+10	-80	-80	0,002675000	0,1287	-80	-82
1,4710E+10	-84	-84	0,002333000	0,1304	-84	-77
1,4730E+10	-81	-81	0,002543000	0,1338	-81	-81
1,4750E+10	-79	-79	0,001808000	0,1274	-79	-92
1,4770E+10	-76	-76	0,001806000	0,1288	-76	-98
1,4790E+10	-75	-75	0,002876000	0,1294	-75	-100
1,4810E+10	-75	-75	0,002078000	0,1291	-75	-85
1,4830E+10	-78	-78	0,001958000	0,1273	-78	-82
1,4850E+10	-83	-83	0,002771000	0,1243	-83	-85
1,4870E+10	-94	-94	0,002803000	0,1267	-94	-77
1,4890E+10	-81	-81	0,002953000	0,1264	-81	-83
1,4910E+10	-81	-81	0,002905000	0,1295	-81	-101
1,4930E+10	-80	-80	0,002916000	0,1304	-80	-97
1,4950E+10	-82	-82	0,003406000	0,1321	-82	-80
1,4970E+10	-91	-91	0,003406000	0,1332	-91	-82
1,4990E+10	-79	-79	0,002980000	0,1327	-79	-89
1,5010E+10	-77	-77	0,003077000	0,1311	-77	-89
1,5030E+10	-78	-78	0,002311000	0,1305	-78	-91
1,5050E+10	-79	-79	0,002529000	0,1326	-79	-86
1,5070E+10	-84	-84	0,002704000	0,1318	-84	-83

Table 32: Drift results as inserted into the `VNA Tools II` database - 13.

Frequency / Hz	Switch Term Drift / dB	Directivity Drift / dB	Tracking Drift Mag / dB	Tracking Drift Phase /	Match Drift / dB	Isolation / dB
1,5090E+10	-93	-93	0,002704000	0,1308	-93	-79
1,5110E+10	-88	-88	0,002025000	0,1333	-88	-93
1,5130E+10	-83	-83	0,001587000	0,1346	-83	-86
1,5150E+10	-77	-77	0,002174000	0,1330	-77	-86
1,5170E+10	-76	-76	0,001307000	0,1353	-76	-86
1,5190E+10	-76	-76	0,001587000	0,1351	-76	-84
1,5210E+10	-77	-77	0,001197000	0,1368	-77	-86
1,5230E+10	-79	-79	0,001478000	0,1356	-79	-128
1,5250E+10	-88	-88	0,002615000	0,1323	-88	-82
1,5270E+10	-117	-117	0,001967000	0,1319	-117	-78
1,5290E+10	-82	-82	0,002345000	0,1316	-82	-89
1,5310E+10	-81	-81	0,002756000	0,1315	-81	-83
1,5330E+10	-81	-81	0,002132000	0,1324	-81	-79
1,5350E+10	-87	-87	0,002677000	0,1333	-87	-96
1,5370E+10	-99	-99	0,002622000	0,1352	-99	-76
1,5390E+10	-76	-76	0,002573000	0,1361	-76	-103
1,5410E+10	-76	-76	0,002595000	0,1324	-76	-116
1,5430E+10	-79	-79	0,002839000	0,1338	-79	-82
1,5450E+10	-82	-82	0,003369000	0,1312	-82	-81
1,5470E+10	-80	-80	0,002841000	0,1310	-80	-93
1,5490E+10	-82	-82	0,002723000	0,1338	-82	-94
1,5510E+10	-80	-80	0,002516000	0,1322	-80	-114
1,5530E+10	-79	-79	0,002635000	0,1310	-79	-82
1,5550E+10	-79	-79	0,002982000	0,1305	-79	-77
1,5570E+10	-82	-82	0,003242000	0,1293	-82	-83
1,5590E+10	-89	-89	0,003306000	0,1329	-89	-102
1,5610E+10	-111	-111	0,002873000	0,1335	-111	-82
1,5630E+10	-91	-91	0,002585000	0,1353	-91	-92
1,5650E+10	-92	-92	0,002217000	0,1377	-92	-82
1,5670E+10	-92	-92	0,002803000	0,1382	-92	-79
1,5690E+10	-95	-95	0,002448000	0,1367	-95	-100
1,5710E+10	-82	-82	0,001338000	0,1379	-82	-100
1,5730E+10	-81	-81	0,001687000	0,1372	-81	-88
1,5750E+10	-87	-87	0,001922000	0,1367	-87	-83
1,5770E+10	-86	-86	0,001740000	0,1360	-86	-80
1,5790E+10	-86	-86	0,001809000	0,1390	-86	-78
1,5810E+10	-84	-84	0,001727000	0,1392	-84	-84
1,5830E+10	-86	-86	0,001808000	0,1364	-86	-84
1,5850E+10	-89	-89	0,001540000	0,1408	-89	-80
1,5870E+10	-98	-98	0,001154000	0,1401	-98	-81
1,5890E+10	-100	-100	0,001255000	0,1376	-100	-81
1,5910E+10	-95	-95	0,001773000	0,1369	-95	-99
1,5930E+10	-97	-97	0,001974000	0,1378	-97	-85
1,5950E+10	-106	-106	0,002459000	0,1349	-106	-82
1,5970E+10	-84	-84	0,002590000	0,1385	-84	-83
1,5990E+10	-91	-91	0,001583000	0,1416	-91	-91
1,6010E+10	-96	-96	0,001801000	0,1461	-96	-80
1,6030E+10	-86	-86	0,002285000	0,1445	-86	-83
1,6050E+10	-86	-86	0,001995000	0,1449	-86	-83
1,6070E+10	-96	-96	0,001729000	0,1471	-96	-76
1,6090E+10	-97	-97	0,001126000	0,1487	-97	-77
1,6110E+10	-88	-88	0,001496000	0,1443	-88	-80
1,6130E+10	-86	-86	0,000987700	0,1486	-86	-76
1,6150E+10	-96	-96	0,001895000	0,1449	-96	-82
1,6170E+10	-84	-84	0,001720000	0,1443	-84	-82
1,6190E+10	-91	-91	0,002013000	0,1452	-91	-77
1,6210E+10	-87	-87	0,001418000	0,1472	-87	-88
1,6230E+10	-83	-83	0,002364000	0,1766	-83	-80

Table 33: Drift results as inserted into the `VNA Tools II` database - 14.

Frequency / Hz	Switch Term Drift / dB	Directivity Drift / dB	Tracking Drift Mag / dB	Tracking Drift Phase /	Match Drift / dB	Isolation / dB
1,6250E+10	-84	-84	0,001571000	0,1508	-84	-86
1,6270E+10	-89	-89	0,002018000	0,1477	-89	-86
1,6290E+10	-102	-102	0,001873000	0,1500	-102	-82
1,6310E+10	-85	-85	0,002130000	0,1446	-85	-84
1,6330E+10	-85	-85	0,002538000	0,1505	-85	-90
1,6350E+10	-77	-77	0,002393000	0,1489	-77	-75
1,6370E+10	-89	-89	0,002173000	0,1500	-89	-82
1,6390E+10	-82	-82	0,003016000	0,1478	-82	-91
1,6410E+10	-80	-80	0,002128000	0,1525	-80	-79
1,6430E+10	-77	-77	0,002581000	0,1468	-77	-87
1,6450E+10	-78	-78	0,002662000	0,1468	-78	-100
1,6470E+10	-74	-74	0,002728000	0,1501	-74	-107
1,6490E+10	-76	-76	0,001675000	0,1552	-76	-91
1,6510E+10	-79	-79	0,001878000	0,1542	-79	-90
1,6530E+10	-86	-86	0,000906000	0,1560	-86	-75
1,6550E+10	-86	-86	0,000575200	0,1533	-86	-73
1,6570E+10	-84	-84	0,001001000	0,1551	-84	-79
1,6590E+10	-81	-81	0,001255000	0,1511	-81	-87
1,6610E+10	-76	-76	0,001794000	0,1543	-76	-90
1,6630E+10	-74	-74	0,002308000	0,1556	-74	-106
1,6650E+10	-73	-73	0,002047000	0,1551	-73	-86
1,6670E+10	-77	-77	0,001423000	0,1547	-77	-94
1,6690E+10	-86	-86	0,001172000	0,1579	-86	-84
1,6710E+10	-100	-100	0,001193000	0,1590	-100	-76
1,6730E+10	-79	-79	0,001096000	0,1602	-79	-91
1,6750E+10	-82	-82	0,001093000	0,1591	-82	-88
1,6770E+10	-79	-79	0,001288000	0,1586	-79	-86
1,6790E+10	-75	-75	0,001858000	0,1622	-75	-85
1,6810E+10	-72	-72	0,001216000	0,1573	-72	-88
1,6830E+10	-72	-72	0,001886000	0,1587	-72	-102
1,6850E+10	-73	-73	0,002034000	0,1530	-73	-85
1,6870E+10	-75	-75	0,002352000	0,1564	-75	-78
1,6890E+10	-74	-74	0,001861000	0,1572	-74	-83
1,6910E+10	-76	-76	0,001685000	0,1577	-76	-95
1,6930E+10	-78	-78	0,002647000	0,1540	-78	-80
1,6950E+10	-78	-78	0,002077000	0,1537	-78	-78
1,6970E+10	-74	-74	0,002709000	0,1551	-74	-116
1,6990E+10	-74	-74	0,001871000	0,1574	-74	-81
1,7010E+10	-76	-76	0,002460000	0,1569	-76	-104
1,7030E+10	-77	-77	0,002396000	0,1559	-77	-82
1,7050E+10	-75	-75	0,002307000	0,1532	-75	-103
1,7070E+10	-76	-76	0,002849000	0,1565	-76	-97
1,7090E+10	-82	-82	0,002307000	0,1587	-82	-88
1,7110E+10	-89	-89	0,002336000	0,1549	-89	-77
1,7130E+10	-91	-91	0,001825000	0,1585	-91	-76
1,7150E+10	-74	-74	0,001447000	0,1609	-74	-77
1,7170E+10	-76	-76	0,001083000	0,1583	-76	-84
1,7190E+10	-76	-76	0,001535000	0,1638	-76	-85
1,7210E+10	-77	-77	0,000928300	0,1658	-77	-79
1,7230E+10	-74	-74	0,001151000	0,1619	-74	-103
1,7250E+10	-76	-76	0,001716000	0,1633	-76	-92
1,7270E+10	-81	-81	0,001407000	0,1633	-81	-77
1,7290E+10	-78	-78	0,001691000	0,1614	-78	-80
1,7310E+10	-74	-74	0,001719000	0,1667	-74	-84
1,7330E+10	-76	-76	0,002321000	0,1615	-76	-83
1,7350E+10	-79	-79	0,002757000	0,1610	-79	-83
1,7370E+10	-81	-81	0,001655000	0,1657	-81	-78
1,7390E+10	-71	-71	0,002095000	0,1663	-71	-82

Table 34: Drift results as inserted into the `VNA Tools II` database - 15.

Frequency / Hz	Switch Term Drift / dB	Directivity Drift / dB	Tracking Drift Mag / dB	Tracking Drift Phase /	Match Drift / dB	Isolation / dB
1,7410E+10	-74	-74	0,001922000	0,1664	-74	-89
1,7430E+10	-80	-80	0,002147000	0,1683	-80	-77
1,7450E+10	-88	-88	0,001644000	0,1696	-88	-72
1,7470E+10	-87	-87	0,001574000	0,1694	-87	-73
1,7490E+10	-77	-77	0,001791000	0,1691	-77	-85
1,7510E+10	-77	-77	0,001367000	0,1696	-77	-101
1,7530E+10	-78	-78	0,001898000	0,1688	-78	-90
1,7550E+10	-77	-77	0,001533000	0,1662	-77	-83
1,7570E+10	-76	-76	0,001819000	0,1658	-76	-77
1,7590E+10	-82	-82	0,001998000	0,1658	-82	-89
1,7610E+10	-97	-97	0,001859000	0,1662	-97	-76
1,7630E+10	-97	-97	0,001845000	0,1626	-97	-76
1,7650E+10	-84	-84	0,001418000	0,1651	-84	-85
1,7670E+10	-83	-83	0,002527000	0,1633	-83	-78
1,7690E+10	-80	-80	0,001850000	0,1618	-80	-78
1,7710E+10	-76	-76	0,001569000	0,1667	-76	-103
1,7730E+10	-73	-73	0,002458000	0,1627	-73	-76
1,7750E+10	-77	-77	0,002195000	0,1652	-77	-90
1,7770E+10	-94	-94	0,002144000	0,1632	-94	-80
1,7790E+10	-82	-82	0,001210000	0,1677	-82	-75
1,7810E+10	-115	-115	0,002463000	0,1683	-115	-88
1,7830E+10	-107	-107	0,002114000	0,1647	-107	-78
1,7850E+10	-86	-86	0,002415000	0,1699	-86	-79
1,7870E+10	-78	-78	0,002018000	0,1736	-78	-88
1,7890E+10	-75	-75	0,002154000	0,1722	-75	-97
1,7910E+10	-76	-76	0,002329000	0,1737	-76	-91
1,7930E+10	-83	-83	0,001842000	0,1758	-83	-83
1,7950E+10	-80	-80	0,001294000	0,1747	-80	-79
1,7970E+10	-77	-77	0,000242100	0,1740	-77	-83
1,7990E+10	-93	-93	0,001301000	0,1697	-93	-77
1,8010E+10	-78	-78	0,001134000	0,1717	-78	-74
1,8030E+10	-87	-87	0,001182000	0,1695	-87	-79
1,8050E+10	-96	-96	0,002425000	0,1652	-96	-92
1,8070E+10	-87	-87	0,002116000	0,1657	-87	-86
1,8090E+10	-102	-102	0,001437000	0,1389	-102	-76
1,8110E+10	-86	-86	0,002204000	0,1707	-86	-98
1,8130E+10	-79	-79	0,002586000	0,1672	-79	-75
1,8150E+10	-81	-81	0,002249000	0,1666	-81	-88
1,8170E+10	-90	-90	0,001812000	0,1726	-90	-84
1,8190E+10	-81	-81	0,002609000	0,1669	-81	-104
1,8210E+10	-101	-101	0,001998000	0,1709	-101	-80
1,8230E+10	-81	-81	0,001897000	0,1759	-81	-96
1,8250E+10	-80	-80	0,001067000	0,1742	-80	-86
1,8270E+10	-77	-77	0,001005000	0,1772	-77	-90
1,8290E+10	-79	-79	0,002620000	0,1730	-79	-86
1,8310E+10	-80	-80	0,002218000	0,1733	-80	-91
1,8330E+10	-106	-106	0,002376000	0,1756	-106	-82
1,8350E+10	-82	-82	0,001733000	0,1761	-82	-91
1,8370E+10	-85	-85	0,002363000	0,1788	-85	-101
1,8390E+10	-84	-84	0,002261000	0,1776	-84	-79
1,8410E+10	-82	-82	0,002512000	0,1771	-82	-79
1,8430E+10	-98	-98	0,002038000	0,1774	-98	-113
1,8450E+10	-78	-78	0,002741000	0,1739	-78	-78
1,8470E+10	-83	-83	0,002775000	0,1739	-83	-89
1,8490E+10	-85	-85	0,002846000	0,1733	-85	-86
1,8510E+10	-84	-84	0,003083000	0,1740	-84	-86
1,8530E+10	-84	-84	0,002176000	0,1740	-84	-91
1,8550E+10	-103	-103	0,002310000	0,1693	-103	-78

Table 35: Drift results as inserted into the `VNA Tools II` database - 16.

Frequency / Hz	Switch Term Drift / dB	Directivity Drift / dB	Tracking Drift Mag / dB	Tracking Drift Phase /	Match Drift / dB	Isolation / dB
1,8570E+10	-82	-82	0,002791000	0,1733	-82	-74
1,8590E+10	-85	-85	0,002459000	0,1777	-85	-81
1,8610E+10	-83	-83	0,003227000	0,1786	-83	-99
1,8630E+10	-75	-75	0,002483000	0,1781	-75	-88
1,8650E+10	-105	-105	0,001659000	0,1818	-105	-77
1,8670E+10	-77	-77	0,002497000	0,1787	-77	-85
1,8690E+10	-78	-78	0,002476000	0,1762	-78	-81
1,8710E+10	-80	-80	0,003239000	0,1784	-80	-85
1,8730E+10	-105	-105	0,003218000	0,1769	-105	-76
1,8750E+10	-86	-86	0,003016000	0,1823	-86	-83
1,8770E+10	-86	-86	0,002541000	0,1776	-86	-89
1,8790E+10	-82	-82	0,003204000	0,1811	-82	-87
1,8810E+10	-85	-85	0,002795000	0,1819	-85	-75
1,8830E+10	-84	-84	0,002678000	0,1812	-84	-73
1,8850E+10	-77	-77	0,003382000	0,1786	-77	-77
1,8870E+10	-78	-78	0,002783000	0,1787	-78	-105
1,8890E+10	-85	-85	0,003931000	0,1814	-85	-87
1,8910E+10	-84	-84	0,003258000	0,1793	-84	-81
1,8930E+10	-93	-93	0,002770000	0,1811	-93	-81
1,8950E+10	-91	-91	0,003296000	0,1799	-91	-91
1,8970E+10	-83	-83	0,003496000	0,1798	-83	-74
1,8990E+10	-86	-86	0,002903000	0,1795	-86	-79
1,9010E+10	-78	-78	0,002932000	0,1799	-78	-100
1,9030E+10	-73	-73	0,004055000	0,1805	-73	-115
1,9050E+10	-74	-74	0,003864000	0,1792	-74	-86
1,9070E+10	-75	-75	0,003559000	0,1768	-75	-82
1,9090E+10	-78	-78	0,003215000	0,1771	-78	-76
1,9110E+10	-82	-82	0,003047000	0,1771	-82	-94
1,9130E+10	-87	-87	0,003089000	0,1785	-87	-80
1,9150E+10	-120	-120	0,003354000	0,1795	-120	-80
1,9170E+10	-83	-83	0,003330000	0,1813	-83	-84
1,9190E+10	-76	-76	0,002481000	0,1820	-76	-109
1,9210E+10	-77	-77	0,002709000	0,1818	-77	-81
1,9230E+10	-81	-81	0,002188000	0,1841	-81	-79
1,9250E+10	-78	-78	0,001437000	0,1877	-78	-86
1,9270E+10	-77	-77	0,002144000	0,1833	-77	-108
1,9290E+10	-77	-77	0,002052000	0,1874	-77	-87
1,9310E+10	-76	-76	0,002904000	0,1838	-76	-85
1,9330E+10	-78	-78	0,003120000	0,1811	-78	-77
1,9350E+10	-79	-79	0,002582000	0,1846	-79	-95
1,9370E+10	-83	-83	0,002459000	0,1851	-83	-77
1,9390E+10	-80	-80	0,002704000	0,1833	-80	-76
1,9410E+10	-74	-74	0,002411000	0,1814	-74	-90
1,9430E+10	-73	-73	0,002604000	0,1798	-73	-94
1,9450E+10	-74	-74	0,002735000	0,1782	-74	-78
1,9470E+10	-73	-73	0,002772000	0,1807	-73	-92
1,9490E+10	-77	-77	0,002501000	0,1799	-77	-82
1,9510E+10	-78	-78	0,002813000	0,1805	-78	-95
1,9530E+10	-77	-77	0,003223000	0,1836	-77	-84
1,9550E+10	-77	-77	0,002392000	0,1866	-77	-93
1,9570E+10	-72	-72	0,002471000	0,1871	-72	-74
1,9590E+10	-73	-73	0,002722000	0,1923	-73	-75
1,9610E+10	-73	-73	0,002482000	0,1872	-73	-91
1,9630E+10	-72	-72	0,002426000	0,1879	-72	-110
1,9650E+10	-74	-74	0,002773000	0,1869	-74	-97
1,9670E+10	-76	-76	0,002754000	0,1832	-76	-88
1,9690E+10	-78	-78	0,002793000	0,1865	-78	-80
1,9710E+10	-75	-75	0,002217000	0,1864	-75	-99

Table 36: Drift results as inserted into the `VNA Tools II` database - 17.

Frequency / Hz	Switch Term Drift / dB	Directivity Drift / dB	Tracking Drift Mag / dB	Tracking Drift Phase /	Match Drift / dB	Isolation / dB
1,9730E+10	-75	-75	0,001364000	0,1906	-75	-77
1,9750E+10	-75	-75	0,002123000	0,1903	-75	-72
1,9770E+10	-75	-75	0,002241000	0,1889	-75	-84
1,9790E+10	-73	-73	0,002195000	0,1891	-73	-97
1,9810E+10	-73	-73	0,002499000	0,1945	-73	-83
1,9830E+10	-76	-76	0,002478000	0,1922	-76	-77
1,9850E+10	-86	-86	0,001994000	0,1908	-86	-77
1,9870E+10	-76	-76	0,002066000	0,1957	-76	-69
1,9890E+10	-90	-90	0,002222000	0,1942	-90	-80
1,9910E+10	-77	-77	0,003100000	0,1920	-77	-75
1,9930E+10	-74	-74	0,003657000	0,1926	-74	-82
1,9950E+10	-72	-72	0,002868000	0,1910	-72	-86
1,9970E+10	-72	-72	0,003271000	0,1913	-72	-83
1,9990E+10	-74	-74	0,003539000	0,1922	-74	-82
2,0010E+10	-81	-81	0,002818000	0,1942	-81	-82
2,0030E+10	-81	-81	0,003153000	0,1959	-81	-80
2,0050E+10	-83	-83	0,002605000	0,1670	-83	-80
2,0070E+10	-87	-87	0,002939000	0,1950	-87	-87
2,0090E+10	-81	-81	0,002527000	0,1965	-81	-89
2,0110E+10	-82	-82	0,002682000	0,1960	-82	-82
2,0130E+10	-73	-73	0,002905000	0,1944	-73	-90
2,0150E+10	-76	-76	0,002802000	0,1627	-76	-75
2,0170E+10	-74	-74	0,003008000	0,1967	-74	-75
2,0190E+10	-79	-79	0,003192000	0,1995	-79	-88
2,0210E+10	-81	-81	0,001988000	0,1709	-81	-81
2,0230E+10	-80	-80	0,003409000	0,2043	-80	-80
2,0250E+10	-84	-84	0,002590000	0,1977	-84	-106
2,0270E+10	-79	-79	0,002580000	0,1636	-79	-72
2,0290E+10	-81	-81	0,003468000	0,1956	-81	-73
2,0310E+10	-80	-80	0,004226000	0,1984	-80	-88
2,0330E+10	-75	-75	0,003141000	0,2017	-75	-73
2,0350E+10	-77	-77	0,004317000	0,1976	-77	-86
2,0370E+10	-77	-77	0,003762000	0,2024	-77	-94
2,0390E+10	-76	-76	0,003137000	0,2049	-76	-80
2,0410E+10	-84	-84	0,003647000	0,2002	-84	-78
2,0430E+10	-104	-104	0,002737000	0,2023	-104	-90
2,0450E+10	-97	-97	0,002368000	0,1718	-97	-80
2,0470E+10	-96	-96	0,002807000	0,1757	-96	-80
2,0490E+10	-96	-96	0,003965000	0,2066	-96	-94
2,0510E+10	-90	-90	0,004073000	0,2061	-90	-91
2,0530E+10	-90	-90	0,003269000	0,2022	-90	-77
2,0550E+10	-80	-80	0,001990000	0,2051	-80	-120
2,0570E+10	-77	-77	0,003373000	0,2036	-77	-73
2,0590E+10	-100	-100	0,001987000	0,1746	-100	-128
2,0610E+10	-81	-81	0,003028000	0,2034	-81	-92
2,0630E+10	-80	-80	0,002967000	0,2107	-80	-77
2,0650E+10	-82	-82	0,001992000	0,1742	-82	-93
2,0670E+10	-80	-80	0,002697000	0,2051	-80	-78
2,0690E+10	-83	-83	0,003588000	0,2397	-83	-89
2,0710E+10	-77	-77	0,004227000	0,2364	-77	-70
2,0730E+10	-88	-88	0,003380000	0,2054	-88	-80
2,0750E+10	-87	-87	0,003181000	0,2001	-87	-92
2,0770E+10	-79	-79	0,003221000	0,2030	-79	-87
2,0790E+10	-76	-76	0,003054000	0,2051	-76	-86
2,0810E+10	-103	-103	0,003923000	0,2089	-103	-93
2,0830E+10	-79	-79	0,003207000	0,2086	-79	-91
2,0850E+10	-85	-85	0,004184000	0,2045	-85	-106
2,0870E+10	-89	-89	0,004064000	0,2318	-89	-82

Table 37: Drift results as inserted into the `VNA Tools II` database - 18.

Frequency / Hz	Switch Term Drift / dB	Directivity Drift / dB	Tracking Drift Mag / dB	Tracking Drift Phase /	Match Drift / dB	Isolation / dB
2,0890E+10	-84	-84	0,003263000	0,2065	-84	-73
2,0910E+10	-85	-85	0,004328000	0,2081	-85	-92
2,0930E+10	-80	-80	0,003320000	0,2085	-80	-74
2,0950E+10	-94	-94	0,002692000	0,2121	-94	-76
2,0970E+10	-83	-83	0,003269000	0,2035	-83	-89
2,0990E+10	-100	-100	0,003356000	0,2097	-100	-79
2,1010E+10	-78	-78	0,003329000	0,2170	-78	-78
2,1030E+10	-81	-81	0,002835000	0,2108	-81	-77
2,1050E+10	-80	-80	0,003481000	0,2163	-80	-100
2,1070E+10	-78	-78	0,003769000	0,2119	-78	-107
2,1090E+10	-92	-92	0,003096000	0,2083	-92	-81
2,1110E+10	-109	-109	0,002276000	0,2082	-109	-72
2,1130E+10	-108	-108	0,003462000	0,1850	-108	-75
2,1150E+10	-91	-91	0,004000000	0,2103	-91	-89
2,1170E+10	-77	-77	0,004198000	0,2088	-77	-75
2,1190E+10	-78	-78	0,003747000	0,2125	-78	-74
2,1210E+10	-83	-83	0,003748000	0,2165	-83	-100
2,1230E+10	-77	-77	0,004337000	0,2417	-77	-72
2,1250E+10	-79	-79	0,003348000	0,2129	-79	-73
2,1270E+10	-103	-103	0,004312000	0,2155	-103	-78
2,1290E+10	-98	-98	0,003182000	0,2138	-98	-73
2,1310E+10	-86	-86	0,003121000	0,2151	-86	-73
2,1330E+10	-93	-93	0,003421000	0,2115	-93	-79
2,1350E+10	-81	-81	0,003725000	0,2173	-81	-83
2,1370E+10	-80	-80	0,003384000	0,2126	-80	-88
2,1390E+10	-104	-104	0,003593000	0,2160	-104	-81
2,1410E+10	-77	-77	0,003945000	0,2494	-77	-78
2,1430E+10	-87	-87	0,002582000	0,1873	-87	-75
2,1450E+10	-84	-84	0,004171000	0,2176	-84	-81
2,1470E+10	-81	-81	0,003726000	0,2216	-81	-87
2,1490E+10	-92	-92	0,003708000	0,2207	-92	-123
2,1510E+10	-85	-85	0,004756000	0,2225	-85	-78
2,1530E+10	-80	-80	0,003472000	0,2302	-80	-78
2,1550E+10	-95	-95	0,003732000	0,2304	-95	-78
2,1570E+10	-76	-76	0,003852000	0,2246	-76	-82
2,1590E+10	-83	-83	0,003611000	0,2200	-83	-78
2,1610E+10	-76	-76	0,004702000	0,2507	-76	-75
2,1630E+10	-83	-83	0,003978000	0,2218	-83	-96
2,1650E+10	-112	-112	0,004576000	0,2530	-112	-102
2,1670E+10	-103	-103	0,003242000	0,2255	-103	-79
2,1690E+10	-92	-92	0,004133000	0,2230	-92	-74
2,1710E+10	-87	-87	0,003918000	0,2222	-87	-72
2,1730E+10	-90	-90	0,005433000	0,2222	-90	-82
2,1750E+10	-77	-77	0,005013000	0,2228	-77	-78
2,1770E+10	-83	-83	0,003484000	0,2247	-83	-93
2,1790E+10	-86	-86	0,004232000	0,2208	-86	-76
2,1810E+10	-73	-73	0,003623000	0,2206	-73	-71
2,1830E+10	-91	-91	0,003887000	0,2211	-91	-84
2,1850E+10	-81	-81	0,004387000	0,2206	-81	-84
2,1870E+10	-79	-79	0,004199000	0,2285	-79	-85
2,1890E+10	-91	-91	0,003577000	0,2271	-91	-110
2,1910E+10	-85	-85	0,004022000	0,2319	-85	-75
2,1930E+10	-81	-81	0,003556000	0,2291	-81	-92
2,1950E+10	-89	-89	0,004123000	0,2307	-89	-81
2,1970E+10	-78	-78	0,004321000	0,2282	-78	-73
2,1990E+10	-78	-78	0,004662000	0,2255	-78	-76
2,2010E+10	-75	-75	0,003691000	0,2351	-75	-78
2,2030E+10	-81	-81	0,003751000	0,2304	-81	-81

Table 38: Drift results as inserted into the `VNA Tools II` database - 19.

Frequency / Hz	Switch Term Drift / dB	Directivity Drift / dB	Tracking Drift Mag / dB	Tracking Drift Phase /	Match Drift / dB	Isolation / dB
2,2050E+10	-100	-100	0,004449000	0,2321	-100	-75
2,2070E+10	-90	-90	0,003920000	0,2269	-90	-75
2,2090E+10	-85	-85	0,004693000	0,2304	-85	-73
2,2110E+10	-104	-104	0,004389000	0,2322	-104	-73
2,2130E+10	-74	-74	0,004055000	0,2339	-74	-90
2,2150E+10	-70	-70	0,004584000	0,2335	-70	-72
2,2170E+10	-72	-72	0,005252000	0,2342	-72	-73
2,2190E+10	-80	-80	0,004583000	0,2354	-80	-83
2,2210E+10	-72	-72	0,004127000	0,2333	-72	-87
2,2230E+10	-81	-81	0,004374000	0,2351	-81	-98
2,2250E+10	-74	-74	0,005472000	0,2642	-74	-72
2,2270E+10	-81	-81	0,004594000	0,2282	-81	-80
2,2290E+10	-82	-82	0,004072000	0,2346	-82	-79
2,2310E+10	-74	-74	0,004229000	0,2358	-74	-81
2,2330E+10	-73	-73	0,004740000	0,2318	-73	-78
2,2350E+10	-76	-76	0,003866000	0,2361	-76	-91
2,2370E+10	-74	-74	0,003856000	0,2389	-74	-99
2,2390E+10	-68	-68	0,005163000	0,2403	-68	-73
2,2410E+10	-72	-72	0,004803000	0,2379	-72	-75
2,2430E+10	-83	-83	0,005375000	0,2336	-83	-72
2,2450E+10	-78	-78	0,004558000	0,2371	-78	-70
2,2470E+10	-115	-115	0,004214000	0,2360	-115	-81
2,2490E+10	-85	-85	0,004633000	0,2380	-85	-90
2,2510E+10	-92	-92	0,005022000	0,2356	-92	-77
2,2530E+10	-86	-86	0,004685000	0,2330	-86	-84
2,2550E+10	-74	-74	0,003849000	0,2413	-74	-75
2,2570E+10	-74	-74	0,005061000	0,2359	-74	-72
2,2590E+10	-104	-104	0,005107000	0,2336	-104	-89
2,2610E+10	-78	-78	0,004608000	0,2438	-78	-71
2,2630E+10	-78	-78	0,004763000	0,2353	-78	-73
2,2650E+10	-80	-80	0,004675000	0,2400	-80	-74
2,2670E+10	-91	-91	0,004764000	0,2422	-91	-95
2,2690E+10	-96	-96	0,004563000	0,2379	-96	-82
2,2710E+10	-77	-77	0,005818000	0,2367	-77	-79
2,2730E+10	-72	-72	0,005100000	0,2376	-72	-73
2,2750E+10	-76	-76	0,004738000	0,2357	-76	-84
2,2770E+10	-76	-76	0,004098000	0,2385	-76	-88
2,2790E+10	-71	-71	0,004838000	0,2408	-71	-81
2,2810E+10	-75	-75	0,005312000	0,2374	-75	-74
2,2830E+10	-103	-103	0,005450000	0,2333	-103	-80
2,2850E+10	-79	-79	0,004878000	0,2371	-79	-87
2,2870E+10	-83	-83	0,006058000	0,2362	-83	-77
2,2890E+10	-88	-88	0,005016000	0,2383	-88	-84
2,2910E+10	-85	-85	0,004611000	0,2329	-85	-90
2,2930E+10	-88	-88	0,005542000	0,2334	-88	-80
2,2950E+10	-73	-73	0,006191000	0,2346	-73	-76
2,2970E+10	-76	-76	0,004777000	0,2333	-76	-72
2,2990E+10	-110	-110	0,004950000	0,2401	-110	-90
2,3010E+10	-70	-70	0,004532000	0,2381	-70	-69
2,3030E+10	-74	-74	0,004441000	0,2438	-74	-72
2,3050E+10	-96	-96	0,004628000	0,2394	-96	-91
2,3070E+10	-84	-84	0,005053000	0,2437	-84	-80
2,3090E+10	-85	-85	0,004460000	0,2438	-85	-82
2,3110E+10	-91	-91	0,004765000	0,2361	-91	-100
2,3130E+10	-81	-81	0,004582000	0,2442	-81	-83
2,3150E+10	-84	-84	0,006163000	0,2384	-84	-105
2,3170E+10	-96	-96	0,004890000	0,2365	-96	-79
2,3190E+10	-81	-81	0,004791000	0,2388	-81	-101

Table 39: Drift results as inserted into the `VNA Tools II` database - 20.

Frequency / Hz	Switch Term Drift / dB	Directivity Drift / dB	Tracking Drift Mag / dB	Tracking Drift Phase /	Match Drift / dB	Isolation / dB
2,3210E+10	-88	-88	0,005244000	0,2418	-88	-82
2,3230E+10	-83	-83	0,005029000	0,2442	-83	-76
2,3250E+10	-76	-76	0,004923000	0,2459	-76	-75
2,3270E+10	-81	-81	0,005206000	0,2438	-81	-87
2,3290E+10	-95	-95	0,005272000	0,2472	-95	-105
2,3310E+10	-122	-122	0,005239000	0,2434	-122	-104
2,3330E+10	-87	-87	0,005220000	0,2457	-87	-81
2,3350E+10	-81	-81	0,005417000	0,2499	-81	-81
2,3370E+10	-90	-90	0,005493000	0,2474	-90	-82
2,3390E+10	-80	-80	0,004509000	0,2495	-80	-72
2,3410E+10	-78	-78	0,004364000	0,2477	-78	-71
2,3430E+10	-97	-97	0,005614000	0,2393	-97	-78
2,3450E+10	-83	-83	0,005019000	0,2448	-83	-93
2,3470E+10	-82	-82	0,004569000	0,2505	-82	-75
2,3490E+10	-81	-81	0,005285000	0,2459	-81	-86
2,3510E+10	-83	-83	0,004494000	0,2482	-83	-91
2,3530E+10	-87	-87	0,004712000	0,2476	-87	-99
2,3550E+10	-82	-82	0,005990000	0,2523	-82	-89
2,3570E+10	-75	-75	0,005897000	0,2408	-75	-84
2,3590E+10	-75	-75	0,006005000	0,2458	-75	-81
2,3610E+10	-91	-91	0,005634000	0,2478	-91	-96
2,3630E+10	-76	-76	0,004829000	0,2481	-76	-72
2,3650E+10	-86	-86	0,005029000	0,2510	-86	-77
2,3670E+10	-107	-107	0,004524000	0,2537	-107	-100
2,3690E+10	-94	-94	0,004226000	0,2519	-94	-78
2,3710E+10	-85	-85	0,005421000	0,2510	-85	-82
2,3730E+10	-82	-82	0,004184000	0,2524	-82	-98
2,3750E+10	-77	-77	0,004025000	0,2485	-77	-81
2,3770E+10	-79	-79	0,004635000	0,2440	-79	-90
2,3790E+10	-77	-77	0,004267000	0,2532	-77	-92
2,3810E+10	-80	-80	0,004451000	0,2526	-80	-84
2,3830E+10	-78	-78	0,004046000	0,2513	-78	-100
2,3850E+10	-78	-78	0,004632000	0,2511	-78	-81
2,3870E+10	-79	-79	0,005293000	0,2473	-79	-98
2,3890E+10	-89	-89	0,004578000	0,2538	-89	-89
2,3910E+10	-105	-105	0,005276000	0,2549	-105	-121
2,3930E+10	-101	-101	0,004062000	0,2528	-101	-89
2,3950E+10	-75	-75	0,004091000	0,2533	-75	-88
2,3970E+10	-70	-70	0,004558000	0,2474	-70	-94
2,3990E+10	-70	-70	0,004488000	0,2494	-70	-85
2,4010E+10	-72	-72	0,004296000	0,2553	-72	-93
2,4030E+10	-73	-73	0,005024000	0,2537	-73	-84
2,4050E+10	-79	-79	0,004112000	0,2590	-79	-75
2,4070E+10	-79	-79	0,004109000	0,2550	-79	-82
2,4090E+10	-92	-92	0,004322000	0,2548	-92	-79
2,4110E+10	-86	-86	0,003994000	0,2518	-86	-81
2,4130E+10	-75	-75	0,003633000	0,2546	-75	-91
2,4150E+10	-72	-72	0,003502000	0,2554	-72	-79
2,4170E+10	-74	-74	0,003711000	0,2547	-74	-84
2,4190E+10	-70	-70	0,004370000	0,2549	-70	-92
2,4210E+10	-66	-66	0,004628000	0,2528	-66	-78
2,4230E+10	-68	-68	0,004101000	0,2535	-68	-82
2,4250E+10	-72	-72	0,003734000	0,2569	-72	-100
2,4270E+10	-88	-88	0,004673000	0,2534	-88	-78
2,4290E+10	-80	-80	0,003980000	0,2558	-80	-70
2,4310E+10	-83	-83	0,004135000	0,2589	-83	-72
2,4330E+10	-73	-73	0,004386000	0,2555	-73	-84
2,4350E+10	-74	-74	0,004255000	0,2526	-74	-81

Table 40: Drift results as inserted into the `VNA Tools II` database - 21.

Frequency / Hz	Switch Term Drift / dB	Directivity Drift / dB	Tracking Drift Mag / dB	Tracking Drift Phase /	Match Drift / dB	Isolation / dB
2,4370E+10	-69	-69	0,004255000	0,2545	-69	-91
2,4390E+10	-67	-67	0,004375000	0,2485	-67	-97
2,4410E+10	-69	-69	0,004299000	0,2502	-69	-82
2,4430E+10	-72	-72	0,004860000	0,2524	-72	-77
2,4450E+10	-72	-72	0,004970000	0,2513	-72	-78
2,4470E+10	-76	-76	0,005016000	0,2559	-76	-74
2,4490E+10	-85	-85	0,004407000	0,2526	-85	-75
2,4510E+10	-89	-89	0,004230000	0,2543	-89	-78
2,4530E+10	-77	-77	0,004356000	0,2558	-77	-111
2,4550E+10	-71	-71	0,005378000	0,2546	-71	-80
2,4570E+10	-70	-70	0,004159000	0,2558	-70	-78
2,4590E+10	-69	-69	0,005231000	0,2578	-69	-90
2,4610E+10	-67	-67	0,004712000	0,2619	-67	-80
2,4630E+10	-68	-68	0,005120000	0,2582	-68	-108
2,4650E+10	-71	-71	0,004532000	0,2558	-71	-84
2,4670E+10	-76	-76	0,005472000	0,2544	-76	-80
2,4690E+10	-90	-90	0,005596000	0,2563	-90	-72
2,4710E+10	-98	-98	0,004562000	0,2519	-98	-69
2,4730E+10	-71	-71	0,003963000	0,2658	-71	-79
2,4750E+10	-69	-69	0,004316000	0,2592	-69	-81
2,4770E+10	-67	-67	0,005561000	0,2578	-67	-87
2,4790E+10	-66	-66	0,004622000	0,2601	-66	-79
2,4810E+10	-68	-68	0,004705000	0,2604	-68	-98
2,4830E+10	-72	-72	0,004384000	0,2544	-72	-75
2,4850E+10	-71	-71	0,004942000	0,2564	-71	-79
2,4870E+10	-70	-70	0,005663000	0,2579	-70	-82
2,4890E+10	-74	-74	0,004808000	0,2596	-74	-80
2,4910E+10	-75	-75	0,004221000	0,2626	-75	-83
2,4930E+10	-76	-76	0,003988000	0,2583	-76	-89
2,4950E+10	-74	-74	0,005206000	0,2551	-74	-88
2,4970E+10	-68	-68	0,005258000	0,2555	-68	-75
2,4990E+10	-70	-70	0,004990000	0,2584	-70	-85
2,5020E+10	-70	-70	0,004346000	0,2608	-70	-79
2,5040E+10	-69	-69	0,005357000	0,2564	-69	-80
2,5060E+10	-71	-71	0,004048000	0,2593	-71	-88
2,5080E+10	-79	-79	0,004335000	0,2613	-79	-79
2,5100E+10	-89	-89	0,004489000	0,2595	-89	-71
2,5120E+10	-76	-76	0,004595000	0,2587	-76	-66
2,5140E+10	-80	-80	0,003793000	0,2663	-80	-71
2,5160E+10	-72	-72	0,004249000	0,2692	-72	-77
2,5180E+10	-71	-71	0,004313000	0,2679	-71	-99
2,5200E+10	-70	-70	0,004105000	0,2713	-70	-100
2,5220E+10	-71	-71	0,004047000	0,2717	-71	-88
2,5240E+10	-74	-74	0,004253000	0,2689	-74	-84
2,5260E+10	-77	-77	0,004432000	0,2666	-77	-113
2,5280E+10	-77	-77	0,004225000	0,2726	-77	-99
2,5300E+10	-72	-72	0,004504000	0,2674	-72	-92
2,5320E+10	-72	-72	0,004619000	0,2639	-72	-90
2,5340E+10	-79	-79	0,004618000	0,2672	-79	-88
2,5360E+10	-79	-79	0,004166000	0,2692	-79	-79
2,5380E+10	-72	-72	0,004261000	0,2616	-72	-119
2,5400E+10	-74	-74	0,004206000	0,2683	-74	-86
2,5420E+10	-74	-74	0,004536000	0,2691	-74	-84
2,5440E+10	-73	-73	0,004015000	0,2677	-73	-90
2,5460E+10	-73	-73	0,004279000	0,2712	-73	-134
2,5480E+10	-75	-75	0,005045000	0,2720	-75	-79
2,5500E+10	-93	-93	0,004258000	0,2718	-93	-89
2,5520E+10	-77	-77	0,004196000	0,2743	-77	-71

Table 41: Drift results as inserted into the `VNA Tools II` database - 22.

Frequency / Hz	Switch Term Drift / dB	Directivity Drift / dB	Tracking Drift Mag / dB	Tracking Drift Phase /	Match Drift / dB	Isolation / dB
2,5540E+10	-74	-74	0,003507000	0,2724	-74	-68
2,5560E+10	-79	-79	0,004209000	0,2718	-79	-111
2,5580E+10	-79	-79	0,004409000	0,2718	-79	-79
2,5600E+10	-86	-86	0,003608000	0,2703	-86	-87
2,5620E+10	-81	-81	0,004406000	0,2720	-81	-120
2,5640E+10	-82	-82	0,004407000	0,2768	-82	-74
2,5660E+10	-90	-90	0,003487000	0,2745	-90	-80
2,5680E+10	-91	-91	0,003935000	0,2753	-91	-83
2,5700E+10	-77	-77	0,005851000	0,2716	-77	-89
2,5720E+10	-74	-74	0,004469000	0,2758	-74	-84
2,5740E+10	-84	-84	0,003572000	0,2766	-84	-77
2,5760E+10	-81	-81	0,003958000	0,2774	-81	-76
2,5780E+10	-75	-75	0,003947000	0,2731	-75	-69
2,5800E+10	-90	-90	0,004736000	0,2745	-90	-76
2,5820E+10	-111	-111	0,003670000	0,2779	-111	-79
2,5840E+10	-82	-82	0,003401000	0,2774	-82	-81
2,5860E+10	-75	-75	0,003415000	0,2796	-75	-78
2,5880E+10	-72	-72	0,003020000	0,2772	-72	-73
2,5900E+10	-76	-76	0,004044000	0,2805	-76	-74
2,5920E+10	-92	-92	0,003480000	0,2804	-92	-90
2,5940E+10	-101	-101	0,003922000	0,2730	-101	-94
2,5960E+10	-79	-79	0,004287000	0,2750	-79	-78
2,5980E+10	-99	-99	0,004281000	0,2843	-99	-83
2,6000E+10	-81	-81	0,003443000	0,2803	-81	-75
2,6020E+10	-86	-86	0,004784000	0,2746	-86	-78
2,6040E+10	-75	-75	0,004062000	0,2777	-75	-75
2,6060E+10	-76	-76	0,004827000	0,2768	-76	-86
2,6080E+10	-98	-98	0,004247000	0,2748	-98	-92
2,6100E+10	-101	-101	0,005172000	0,2805	-101	-77
2,6120E+10	-81	-81	0,004853000	0,2769	-81	-79
2,6140E+10	-111	-111	0,004604000	0,2794	-111	-73
2,6160E+10	-80	-80	0,005085000	0,2809	-80	-73
2,6180E+10	-105	-105	0,005066000	0,2784	-105	-80
2,6200E+10	-78	-78	0,004916000	0,2753	-78	-86
2,6220E+10	-80	-80	0,005016000	0,2760	-80	-84
2,6240E+10	-78	-78	0,005345000	0,2773	-78	-73
2,6260E+10	-81	-81	0,004287000	0,2775	-81	-79
2,6280E+10	-75	-75	0,004210000	0,2822	-75	-79
2,6300E+10	-75	-75	0,004518000	0,2735	-75	-120
2,6320E+10	-116	-116	0,004848000	0,2779	-116	-79
2,6340E+10	-87	-87	0,004875000	0,2743	-87	-84
2,6360E+10	-80	-80	0,004016000	0,2822	-80	-84
2,6380E+10	-77	-77	0,004030000	0,2809	-77	-75
2,6400E+10	-71	-71	0,004105000	0,2833	-71	-91
2,6420E+10	-70	-70	0,004072000	0,2797	-70	-79
2,6440E+10	-71	-71	0,004067000	0,2826	-71	-76
2,6460E+10	-72	-72	0,004305000	0,2780	-72	-93
2,6480E+10	-74	-74	0,004299000	0,2797	-74	-102
2,6500E+10	-107	-107	0,004176000	0,2787	-107	-85
2,6520E+10	-93	-93	0,004398000	0,2779	-93	-75
2,6540E+10	-102	-102	0,004356000	0,2798	-102	-72
2,6560E+10	-86	-86	0,003396000	0,2837	-86	-71
2,6580E+10	-74	-74	0,003846000	0,2754	-74	-78
2,6600E+10	-71	-71	0,004842000	0,2808	-71	-83
2,6620E+10	-72	-72	0,005106000	0,2835	-72	-83
2,6640E+10	-75	-75	0,003932000	0,2828	-75	-75
2,6660E+10	-70	-70	0,004512000	0,2823	-70	-82
2,6680E+10	-72	-72	0,004763000	0,2811	-72	-83

Table 42: Drift results as inserted into the `VNA Tools II` database - 23.

Frequency / Hz	Switch Term Drift / dB	Directivity Drift / dB	Tracking Drift Mag / dB	Tracking Drift Phase /	Match Drift / dB	Isolation / dB
2,6700E+10	-73	-73	0,004843000	0,2780	-73	-85
2,6720E+10	-73	-73	0,005089000	0,2731	-73	-81
2,6740E+10	-73	-73	0,004862000	0,2753	-73	-89
2,6760E+10	-72	-72	0,005622000	0,2779	-72	-79
2,6780E+10	-69	-69	0,005255000	0,2864	-69	-81
2,6800E+10	-66	-66	0,005329000	0,2893	-66	-79
2,6820E+10	-67	-67	0,004092000	0,2874	-67	-77
2,6840E+10	-70	-70	0,003750000	0,2875	-70	-73
2,6860E+10	-73	-73	0,004344000	0,2803	-73	-91
2,6880E+10	-73	-73	0,004449000	0,2826	-73	-83
2,6900E+10	-76	-76	0,004724000	0,2823	-76	-81
2,6920E+10	-82	-82	0,004475000	0,2896	-82	-86
2,6940E+10	-75	-75	0,004861000	0,2850	-75	-91
2,6960E+10	-69	-69	0,004895000	0,2854	-69	-83
2,6980E+10	-68	-68	0,004398000	0,2802	-68	-77
2,7000E+10	-69	-69	0,005562000	0,2751	-69	-75
2,7020E+10	-69	-69	0,005336000	0,2890	-69	-110
2,7040E+10	-70	-70	0,004820000	0,2880	-70	-79
2,7060E+10	-67	-67	0,005112000	0,2884	-67	-104
2,7080E+10	-69	-69	0,004287000	0,2881	-69	-78
2,7100E+10	-70	-70	0,003967000	0,2865	-70	-94
2,7120E+10	-68	-68	0,004996000	0,2886	-68	-82
2,7140E+10	-65	-65	0,004410000	0,2889	-65	-90
2,7160E+10	-67	-67	0,004582000	0,2885	-67	-81
2,7180E+10	-67	-67	0,005188000	0,2898	-67	-74
2,7200E+10	-66	-66	0,005024000	0,2907	-66	-86
2,7220E+10	-65	-65	0,004869000	0,2926	-65	-75
2,7240E+10	-68	-68	0,005322000	0,2929	-68	-89
2,7260E+10	-70	-70	0,004575000	0,2942	-70	-92
2,7280E+10	-75	-75	0,004829000	0,2958	-75	-78
2,7300E+10	-80	-80	0,004691000	0,2967	-80	-73
2,7320E+10	-78	-78	0,004482000	0,2963	-78	-72
2,7340E+10	-69	-69	0,003993000	0,2982	-69	-91
2,7360E+10	-67	-67	0,004647000	0,2997	-67	-76
2,7380E+10	-66	-66	0,004558000	0,2951	-66	-75
2,7400E+10	-67	-67	0,004672000	0,2951	-67	-78
2,7420E+10	-70	-70	0,005134000	0,2958	-70	-89
2,7440E+10	-72	-72	0,004690000	0,2990	-72	-75
2,7460E+10	-70	-70	0,004597000	0,2983	-70	-77
2,7480E+10	-68	-68	0,004727000	0,3051	-68	-78
2,7500E+10	-70	-70	0,003892000	0,3072	-70	-78
2,7520E+10	-69	-69	0,003661000	0,3030	-69	-83
2,7540E+10	-67	-67	0,003976000	0,3014	-67	-81
2,7560E+10	-65	-65	0,004237000	0,3030	-65	-97
2,7580E+10	-67	-67	0,004773000	0,3057	-67	-86
2,7600E+10	-67	-67	0,004780000	0,3036	-67	-82
2,7620E+10	-67	-67	0,005523000	0,3021	-67	-89
2,7640E+10	-69	-69	0,006315000	0,2984	-69	-81
2,7660E+10	-72	-72	0,005573000	0,2986	-72	-90
2,7680E+10	-75	-75	0,006021000	0,2922	-75	-81
2,7700E+10	-74	-74	0,005406000	0,2982	-74	-80
2,7720E+10	-75	-75	0,005424000	0,3013	-75	-76
2,7740E+10	-72	-72	0,005341000	0,3033	-72	-85
2,7760E+10	-68	-68	0,004808000	0,3061	-68	-78
2,7780E+10	-66	-66	0,004886000	0,3055	-66	-86
2,7800E+10	-67	-67	0,005148000	0,3036	-67	-105
2,7820E+10	-71	-71	0,005599000	0,3009	-71	-76
2,7840E+10	-78	-78	0,006435000	0,3018	-78	-73

Table 43: Drift results as inserted into the `VNA Tools II` database - 24.

Frequency / Hz	Switch Term Drift / dB	Directivity Drift / dB	Tracking Drift Mag / dB	Tracking Drift Phase /	Match Drift / dB	Isolation / dB
2,7860E+10	-78	-78	0,005952000	0,3026	-78	-72
2,7880E+10	-71	-71	0,005429000	0,3080	-71	-87
2,7900E+10	-70	-70	0,005699000	0,3081	-70	-72
2,7920E+10	-70	-70	0,005728000	0,2998	-70	-74
2,7940E+10	-71	-71	0,005142000	0,3077	-71	-91
2,7960E+10	-79	-79	0,004565000	0,3110	-79	-74
2,7980E+10	-85	-85	0,004979000	0,3107	-85	-70
2,8000E+10	-92	-92	0,005146000	0,3101	-92	-69
2,8020E+10	-89	-89	0,005494000	0,3108	-89	-69
2,8040E+10	-77	-77	0,005065000	0,3101	-77	-78
2,8060E+10	-78	-78	0,005342000	0,3057	-78	-87
2,8080E+10	-79	-79	0,005738000	0,3106	-79	-80
2,8100E+10	-78	-78	0,004491000	0,3148	-78	-84
2,8120E+10	-82	-82	0,004083000	0,3182	-82	-79
2,8140E+10	-80	-80	0,003637000	0,3161	-80	-74
2,8160E+10	-82	-82	0,004711000	0,3166	-82	-76
2,8180E+10	-84	-84	0,004698000	0,3121	-84	-69
2,8200E+10	-80	-80	0,004992000	0,3176	-80	-69
2,8220E+10	-72	-72	0,004839000	0,3137	-72	-71
2,8240E+10	-72	-72	0,005247000	0,3136	-72	-71
2,8260E+10	-71	-71	0,004802000	0,3127	-71	-72
2,8280E+10	-69	-69	0,004304000	0,3141	-69	-77
2,8300E+10	-69	-69	0,003828000	0,3172	-69	-88
2,8320E+10	-73	-73	0,003445000	0,3103	-73	-82
2,8340E+10	-91	-91	0,004545000	0,3178	-91	-72
2,8360E+10	-92	-92	0,004400000	0,3220	-92	-71
2,8380E+10	-101	-101	0,005012000	0,3171	-101	-71
2,8400E+10	-76	-76	0,004807000	0,3200	-76	-90
2,8420E+10	-75	-75	0,004093000	0,3244	-75	-81
2,8440E+10	-78	-78	0,004176000	0,3182	-78	-78
2,8460E+10	-79	-79	0,004312000	0,3209	-79	-101
2,8480E+10	-76	-76	0,005043000	0,3195	-76	-85
2,8500E+10	-79	-79	0,004226000	0,3246	-79	-74
2,8520E+10	-86	-86	0,003939000	0,3263	-86	-86
2,8540E+10	-76	-76	0,003623000	0,3253	-76	-72
2,8560E+10	-82	-82	0,003956000	0,3215	-82	-82
2,8580E+10	-86	-86	0,004827000	0,3202	-86	-72
2,8600E+10	-84	-84	0,005179000	0,3184	-84	-71
2,8620E+10	-73	-73	0,004668000	0,3253	-73	-73
2,8640E+10	-68	-68	0,004816000	0,3206	-68	-77
2,8660E+10	-67	-67	0,004302000	0,3252	-67	-78
2,8680E+10	-67	-67	0,004723000	0,3288	-67	-77
2,8700E+10	-70	-70	0,003884000	0,3260	-70	-73
2,8720E+10	-75	-75	0,003199000	0,3258	-75	-70
2,8740E+10	-77	-77	0,004400000	0,3232	-77	-69
2,8760E+10	-74	-74	0,004180000	0,3296	-74	-71
2,8780E+10	-69	-69	0,004803000	0,3261	-69	-74
2,8800E+10	-65	-65	0,004209000	0,3290	-65	-86
2,8820E+10	-66	-66	0,004998000	0,3268	-66	-87
2,8840E+10	-67	-67	0,004567000	0,3315	-67	-79
2,8860E+10	-70	-70	0,004454000	0,3253	-70	-104
2,8880E+10	-70	-70	0,004166000	0,3278	-70	-89
2,8900E+10	-76	-76	0,005409000	0,3261	-76	-95
2,8920E+10	-85	-85	0,005910000	0,3279	-85	-76
2,8940E+10	-87	-87	0,004749000	0,3293	-87	-83
2,8960E+10	-77	-77	0,004174000	0,3274	-77	-83
2,8980E+10	-71	-71	0,004183000	0,3332	-71	-81
2,9000E+10	-69	-69	0,004464000	0,3325	-69	-78

Table 44: Drift results as inserted into the `VNA Tools II` database - 25.

Frequency / Hz	Switch Term Drift / dB	Directivity Drift / dB	Tracking Drift Mag / dB	Tracking Drift Phase /	Match Drift / dB	Isolation / dB
2,9020E+10	-68	-68	0,004724000	0,3291	-68	-76
2,9040E+10	-65	-65	0,004704000	0,3312	-65	-100
2,9060E+10	-64	-64	0,004782000	0,3350	-64	-88
2,9080E+10	-66	-66	0,004599000	0,3353	-66	-79
2,9100E+10	-69	-69	0,002811000	0,3426	-69	-71
2,9120E+10	-70	-70	0,004053000	0,3313	-70	-74
2,9140E+10	-71	-71	0,004869000	0,3266	-71	-73
2,9160E+10	-72	-72	0,005243000	0,3329	-72	-73
2,9180E+10	-71	-71	0,004891000	0,3312	-71	-76
2,9200E+10	-69	-69	0,005185000	0,3288	-69	-96
2,9220E+10	-68	-68	0,005087000	0,3289	-68	-81
2,9240E+10	-69	-69	0,005637000	0,3316	-69	-87
2,9260E+10	-70	-70	0,004560000	0,3329	-70	-88
2,9280E+10	-70	-70	0,004702000	0,3331	-70	-85
2,9300E+10	-69	-69	0,004261000	0,3392	-69	-80
2,9320E+10	-68	-68	0,005081000	0,3325	-68	-80
2,9340E+10	-68	-68	0,004904000	0,3373	-68	-77
2,9360E+10	-65	-65	0,004452000	0,3407	-65	-106
2,9380E+10	-65	-65	0,005098000	0,3390	-65	-96
2,9400E+10	-65	-65	0,004563000	0,3419	-65	-75
2,9420E+10	-65	-65	0,004679000	0,3367	-65	-80
2,9440E+10	-66	-66	0,004685000	0,3417	-66	-94
2,9460E+10	-65	-65	0,003932000	0,3382	-65	-76
2,9480E+10	-66	-66	0,005271000	0,3407	-66	-90
2,9500E+10	-67	-67	0,004620000	0,3412	-67	-82
2,9520E+10	-68	-68	0,003683000	0,3397	-68	-84
2,9540E+10	-66	-66	0,004319000	0,3375	-66	-77
2,9560E+10	-66	-66	0,004800000	0,3429	-66	-74
2,9580E+10	-67	-67	0,004970000	0,3452	-67	-75
2,9600E+10	-66	-66	0,003863000	0,3504	-66	-72
2,9620E+10	-67	-67	0,003761000	0,3463	-67	-74
2,9640E+10	-70	-70	0,004274000	0,3475	-70	-84
2,9660E+10	-73	-73	0,004328000	0,3405	-73	-85
2,9680E+10	-74	-74	0,003573000	0,3465	-74	-89
2,9700E+10	-70	-70	0,003461000	0,3405	-70	-81
2,9720E+10	-66	-66	0,003599000	0,3442	-66	-88
2,9740E+10	-64	-64	0,003494000	0,3437	-64	-97
2,9760E+10	-64	-64	0,003765000	0,3404	-64	-104
2,9780E+10	-63	-63	0,004334000	0,3401	-63	-97
2,9800E+10	-63	-63	0,003588000	0,3506	-63	-84
2,9820E+10	-66	-66	0,004235000	0,3494	-66	-72
2,9840E+10	-68	-68	0,004230000	0,3522	-68	-73
2,9860E+10	-68	-68	0,004130000	0,3540	-68	-77
2,9880E+10	-68	-68	0,004503000	0,3497	-68	-79
2,9900E+10	-67	-67	0,004707000	0,3431	-67	-93
2,9920E+10	-68	-68	0,004030000	0,3447	-68	-75
2,9940E+10	-69	-69	0,003807000	0,3429	-69	-73
2,9960E+10	-70	-70	0,004723000	0,3402	-70	-71
2,9980E+10	-72	-72	0,004187000	0,3413	-72	-71
3,0000E+10	-79	-79	0,004313000	0,3434	-79	-74
3,0020E+10	-87	-87	0,004393000	0,3406	-87	-87
3,0040E+10	-74	-74	0,004106000	0,3423	-74	-87
3,0060E+10	-75	-75	0,004087000	0,3409	-75	-86
3,0080E+10	-74	-74	0,004368000	0,3384	-74	-83
3,0100E+10	-71	-71	0,003888000	0,3362	-71	-79
3,0120E+10	-69	-69	0,003205000	0,3428	-69	-84
3,0140E+10	-67	-67	0,004441000	0,3410	-67	-119
3,0160E+10	-66	-66	0,004233000	0,3455	-66	-83

Table 45: Drift results as inserted into the `VNA Tools II` database - 26.

Frequency / Hz	Switch Term Drift / dB	Directivity Drift / dB	Tracking Drift Mag / dB	Tracking Drift Phase /	Match Drift / dB	Isolation / dB
3,0180E+10	-66	-66	0,003790000	0,3433	-66	-86
3,0200E+10	-67	-67	0,003878000	0,3474	-67	-88
3,0220E+10	-70	-70	0,004242000	0,3523	-70	-81
3,0240E+10	-75	-75	0,003770000	0,3555	-75	-79
3,0260E+10	-73	-73	0,003844000	0,3517	-73	-78
3,0280E+10	-68	-68	0,004010000	0,3544	-68	-85
3,0300E+10	-67	-67	0,003974000	0,3513	-67	-77
3,0320E+10	-70	-70	0,004030000	0,3474	-70	-71
3,0340E+10	-72	-72	0,004235000	0,3437	-72	-71
3,0360E+10	-73	-73	0,004970000	0,3373	-73	-71
3,0380E+10	-86	-86	0,005190000	0,3410	-86	-89
3,0400E+10	-80	-80	0,005293000	0,3432	-80	-94
3,0420E+10	-76	-76	0,005434000	0,3378	-76	-77
3,0440E+10	-85	-85	0,005371000	0,3432	-85	-84
3,0460E+10	-82	-82	0,004564000	0,3461	-82	-76
3,0480E+10	-78	-78	0,004621000	0,3468	-78	-83
3,0500E+10	-71	-71	0,005416000	0,3484	-71	-71
3,0520E+10	-69	-69	0,004148000	0,3506	-69	-71
3,0540E+10	-70	-70	0,002819000	0,3556	-70	-70
3,0560E+10	-75	-75	0,003452000	0,3496	-75	-82
3,0580E+10	-87	-87	0,004488000	0,3462	-87	-68
3,0600E+10	-87	-87	0,005138000	0,3448	-87	-68
3,0620E+10	-85	-85	0,003291000	0,3491	-85	-120
3,0640E+10	-80	-80	0,004180000	0,3480	-80	-79
3,0660E+10	-73	-73	0,004197000	0,3478	-73	-84
3,0680E+10	-70	-70	0,004060000	0,3478	-70	-83
3,0700E+10	-67	-67	0,003623000	0,3562	-67	-76
3,0720E+10	-69	-69	0,004056000	0,3568	-69	-73
3,0740E+10	-81	-81	0,004471000	0,3504	-81	-88
3,0760E+10	-81	-81	0,003752000	0,3526	-81	-87
3,0780E+10	-80	-80	0,004513000	0,3479	-80	-75
3,0800E+10	-91	-91	0,003748000	0,3488	-91	-69
3,0820E+10	-79	-79	0,004436000	0,3457	-79	-74
3,0840E+10	-75	-75	0,004813000	0,3467	-75	-93
3,0860E+10	-76	-76	0,003681000	0,3494	-76	-96
3,0880E+10	-68	-68	0,004847000	0,3476	-68	-69
3,0900E+10	-71	-71	0,004381000	0,3497	-71	-71
3,0920E+10	-74	-74	0,004245000	0,3529	-74	-78
3,0940E+10	-74	-74	0,004232000	0,3593	-74	-102
3,0960E+10	-71	-71	0,003940000	0,3557	-71	-77
3,0980E+10	-68	-68	0,004669000	0,3524	-68	-91
3,1000E+10	-69	-69	0,005523000	0,3527	-69	-100
3,1020E+10	-68	-68	0,005128000	0,3507	-68	-108
3,1040E+10	-67	-67	0,005246000	0,3525	-67	-73
3,1060E+10	-67	-67	0,005996000	0,3466	-67	-76
3,1080E+10	-68	-68	0,005941000	0,3486	-68	-72
3,1100E+10	-69	-69	0,004825000	0,3509	-69	-78
3,1120E+10	-70	-70	0,004117000	0,3554	-70	-101
3,1140E+10	-69	-69	0,004912000	0,3515	-69	-98
3,1160E+10	-78	-78	0,004483000	0,3549	-78	-72
3,1180E+10	-76	-76	0,003679000	0,3587	-76	-72
3,1200E+10	-70	-70	0,005035000	0,3538	-70	-70
3,1220E+10	-67	-67	0,003940000	0,3615	-67	-73
3,1240E+10	-67	-67	0,004298000	0,3584	-67	-87
3,1260E+10	-68	-68	0,005115000	0,3573	-68	-84
3,1280E+10	-69	-69	0,004950000	0,3571	-69	-86
3,1300E+10	-67	-67	0,004611000	0,3542	-67	-79
3,1320E+10	-69	-69	0,005216000	0,3530	-69	-93

Table 46: Drift results as inserted into the `VNA Tools II` database - 27.

Frequency / Hz	Switch Term Drift / dB	Directivity Drift / dB	Tracking Drift Mag / dB	Tracking Drift Phase /	Match Drift / dB	Isolation / dB
3,1340E+10	-68	-68	0,005439000	0,3563	-68	-72
3,1360E+10	-65	-65	0,004128000	0,3562	-65	-83
3,1380E+10	-63	-63	0,004122000	0,3574	-63	-79
3,1400E+10	-63	-63	0,004431000	0,3575	-63	-80
3,1420E+10	-63	-63	0,004990000	0,3556	-63	-76
3,1440E+10	-62	-62	0,005005000	0,3602	-62	-88
3,1460E+10	-63	-63	0,004683000	0,3622	-63	-72
3,1480E+10	-65	-65	0,005616000	0,3611	-65	-68
3,1500E+10	-66	-66	0,004944000	0,3595	-66	-73
3,1520E+10	-66	-66	0,004859000	0,3590	-66	-83
3,1540E+10	-66	-66	0,005581000	0,3583	-66	-84
3,1560E+10	-62	-62	0,005821000	0,3580	-62	-79
3,1580E+10	-64	-64	0,004692000	0,3621	-64	-77
3,1600E+10	-64	-64	0,005636000	0,3549	-64	-71
3,1620E+10	-63	-63	0,005253000	0,3615	-63	-77
3,1640E+10	-64	-64	0,004446000	0,3650	-64	-89
3,1660E+10	-66	-66	0,004476000	0,3614	-66	-94
3,1680E+10	-68	-68	0,004746000	0,3643	-68	-76
3,1700E+10	-65	-65	0,004259000	0,3623	-65	-81
3,1720E+10	-63	-63	0,004258000	0,3678	-63	-81
3,1740E+10	-63	-63	0,004058000	0,3729	-63	-74
3,1760E+10	-62	-62	0,004500000	0,3662	-62	-76
3,1780E+10	-62	-62	0,004738000	0,3596	-62	-77
3,1800E+10	-62	-62	0,004306000	0,3620	-62	-85
3,1820E+10	-61	-61	0,003880000	0,3599	-61	-94
3,1840E+10	-63	-63	0,003916000	0,3622	-63	-69
3,1860E+10	-64	-64	0,003762000	0,3578	-64	-67
3,1880E+10	-65	-65	0,004720000	0,3579	-65	-67
3,1900E+10	-65	-65	0,004537000	0,3589	-65	-74
3,1920E+10	-64	-64	0,004819000	0,3602	-64	-91
3,1940E+10	-63	-63	0,003971000	0,3673	-63	-93
3,1960E+10	-62	-62	0,003804000	0,3618	-62	-86
3,1980E+10	-62	-62	0,004227000	0,3640	-62	-84
3,2000E+10	-63	-63	0,003718000	0,3631	-63	-84
3,2020E+10	-63	-63	0,004052000	0,3629	-63	-84
3,2040E+10	-64	-64	0,003656000	0,3589	-64	-87
3,2060E+10	-66	-66	0,004326000	0,3515	-66	-78
3,2080E+10	-69	-69	0,004404000	0,3493	-69	-72
3,2100E+10	-67	-67	0,004850000	0,3513	-67	-72
3,2120E+10	-63	-63	0,004642000	0,3542	-63	-86
3,2140E+10	-62	-62	0,003590000	0,3613	-62	-81
3,2160E+10	-62	-62	0,004116000	0,3545	-62	-72
3,2180E+10	-64	-64	0,004937000	0,3543	-64	-78
3,2200E+10	-68	-68	0,004228000	0,3599	-68	-71
3,2220E+10	-72	-72	0,003642000	0,3588	-72	-66
3,2240E+10	-68	-68	0,003373000	0,3581	-68	-67
3,2260E+10	-66	-66	0,004347000	0,3625	-66	-66
3,2280E+10	-64	-64	0,004544000	0,3600	-64	-70
3,2300E+10	-64	-64	0,004118000	0,3667	-64	-92
3,2320E+10	-64	-64	0,004533000	0,3624	-64	-77
3,2340E+10	-65	-65	0,004969000	0,3691	-65	-95
3,2360E+10	-66	-66	0,004435000	0,3698	-66	-88
3,2380E+10	-63	-63	0,006289000	0,3632	-63	-83
3,2400E+10	-64	-64	0,004739000	0,3726	-64	-75
3,2420E+10	-67	-67	0,004321000	0,3714	-67	-85
3,2440E+10	-69	-69	0,003585000	0,3711	-69	-81
3,2460E+10	-68	-68	0,003869000	0,3703	-68	-78
3,2480E+10	-67	-67	0,004162000	0,3695	-67	-77

Table 47: Drift results as inserted into the `VNA Tools II` database - 28.

Frequency / Hz	Switch Term Drift / dB	Directivity Drift / dB	Tracking Drift Mag / dB	Tracking Drift Phase /	Match Drift / dB	Isolation / dB
3,2500E+10	-66	-66	0,002783000	0,3735	-66	-75
3,2520E+10	-64	-64	0,003218000	0,3667	-64	-97
3,2540E+10	-63	-63	0,004572000	0,3637	-63	-75
3,2560E+10	-64	-64	0,004271000	0,3665	-64	-73
3,2580E+10	-68	-68	0,005252000	0,3668	-68	-104
3,2600E+10	-72	-72	0,004873000	0,3728	-72	-72
3,2620E+10	-72	-72	0,005257000	0,3705	-72	-70
3,2640E+10	-84	-84	0,005132000	0,3731	-84	-65
3,2660E+10	-76	-76	0,004863000	0,3784	-76	-66
3,2680E+10	-67	-67	0,004249000	0,3731	-67	-78
3,2700E+10	-65	-65	0,003000000	0,3759	-65	-77
3,2720E+10	-67	-67	0,002950000	0,3754	-67	-72
3,2740E+10	-68	-68	0,003737000	0,3784	-68	-84
3,2760E+10	-72	-72	0,004541000	0,3716	-72	-75
3,2780E+10	-72	-72	0,004410000	0,3751	-72	-74
3,2800E+10	-74	-74	0,004420000	0,3713	-74	-81
3,2820E+10	-79	-79	0,004100000	0,3737	-79	-81
3,2840E+10	-85	-85	0,002979000	0,3783	-85	-76
3,2860E+10	-76	-76	0,004255000	0,3785	-76	-79
3,2880E+10	-71	-71	0,004078000	0,3776	-71	-84
3,2900E+10	-69	-69	0,003988000	0,3816	-69	-81
3,2920E+10	-67	-67	0,003609000	0,3853	-67	-91
3,2940E+10	-66	-66	0,003932000	0,3845	-66	-78
3,2960E+10	-68	-68	0,004362000	0,3802	-68	-67
3,2980E+10	-78	-78	0,004633000	0,3828	-78	-89
3,3000E+10	-78	-78	0,004664000	0,3856	-78	-71
3,3020E+10	-74	-74	0,005323000	0,3820	-74	-66
3,3040E+10	-107	-107	0,005231000	0,3871	-107	-72
3,3060E+10	-78	-78	0,005256000	0,3857	-78	-82
3,3080E+10	-75	-75	0,004340000	0,3870	-75	-80
3,3100E+10	-70	-70	0,004112000	0,3882	-70	-82
3,3120E+10	-72	-72	0,004066000	0,3840	-72	-90
3,3140E+10	-78	-78	0,004158000	0,3872	-78	-86
3,3160E+10	-83	-83	0,003825000	0,3884	-83	-88
3,3180E+10	-75	-75	0,005330000	0,3840	-75	-72
3,3200E+10	-92	-92	0,004233000	0,3906	-92	-87
3,3220E+10	-82	-82	0,004967000	0,3941	-82	-81
3,3240E+10	-88	-88	0,004938000	0,3911	-88	-111
3,3260E+10	-79	-79	0,005253000	0,3899	-79	-90
3,3280E+10	-74	-74	0,004543000	0,3919	-74	-89
3,3300E+10	-73	-73	0,004928000	0,3892	-73	-97
3,3320E+10	-75	-75	0,004321000	0,3969	-75	-85
3,3340E+10	-76	-76	0,004829000	0,3946	-76	-94
3,3360E+10	-84	-84	0,003934000	0,3911	-84	-91
3,3380E+10	-72	-72	0,003883000	0,3980	-72	-68
3,3400E+10	-82	-82	0,003867000	0,3956	-82	-70
3,3420E+10	-89	-89	0,004752000	0,3920	-89	-71
3,3440E+10	-73	-73	0,004388000	0,3933	-73	-80
3,3460E+10	-70	-70	0,004632000	0,3939	-70	-108
3,3480E+10	-72	-72	0,005024000	0,3925	-72	-101
3,3500E+10	-75	-75	0,005084000	0,3924	-75	-88
3,3520E+10	-81	-81	0,006009000	0,3853	-81	-77
3,3540E+10	-77	-77	0,005058000	0,3846	-77	-79
3,3560E+10	-76	-76	0,004838000	0,3842	-76	-80
3,3580E+10	-74	-74	0,004550000	0,3906	-74	-82
3,3600E+10	-73	-73	0,005272000	0,3890	-73	-83
3,3620E+10	-70	-70	0,005594000	0,3900	-70	-108
3,3640E+10	-71	-71	0,003815000	0,3898	-71	-77

Table 48: Drift results as inserted into the `VNA Tools II` database - 29.

Frequency / Hz	Switch Term Drift / dB	Directivity Drift / dB	Tracking Drift Mag / dB	Tracking Drift Phase /	Match Drift / dB	Isolation / dB
3,3660E+10	-74	-74	0,004942000	0,3894	-74	-76
3,3680E+10	-75	-75	0,005313000	0,3904	-75	-86
3,3700E+10	-74	-74	0,004656000	0,3911	-74	-86
3,3720E+10	-74	-74	0,004218000	0,3894	-74	-79
3,3740E+10	-73	-73	0,004614000	0,3922	-73	-76
3,3760E+10	-72	-72	0,004209000	0,3928	-72	-105
3,3780E+10	-71	-71	0,004673000	0,3955	-71	-98
3,3800E+10	-70	-70	0,004287000	0,3957	-70	-103
3,3820E+10	-69	-69	0,003922000	0,3951	-69	-83
3,3840E+10	-68	-68	0,004139000	0,3928	-68	-80
3,3860E+10	-67	-67	0,004271000	0,3957	-67	-79
3,3880E+10	-68	-68	0,003753000	0,4025	-68	-79
3,3900E+10	-69	-69	0,003399000	0,4048	-69	-76
3,3920E+10	-68	-68	0,004209000	0,4026	-68	-74
3,3940E+10	-66	-66	0,004550000	0,4042	-66	-98
3,3960E+10	-65	-65	0,004516000	0,3981	-65	-77
3,3980E+10	-64	-64	0,004473000	0,3993	-64	-74
3,4000E+10	-66	-66	0,005042000	0,4049	-66	-81
3,4020E+10	-66	-66	0,004458000	0,3982	-66	-84
3,4040E+10	-69	-69	0,004436000	0,4070	-69	-77
3,4060E+10	-71	-71	0,004639000	0,4061	-71	-72
3,4080E+10	-71	-71	0,004529000	0,4057	-71	-74
3,4100E+10	-69	-69	0,004082000	0,4097	-69	-77
3,4120E+10	-67	-67	0,004934000	0,4074	-67	-115
3,4140E+10	-66	-66	0,003916000	0,4067	-66	-87
3,4160E+10	-66	-66	0,004445000	0,3999	-66	-86
3,4180E+10	-68	-68	0,003850000	0,3952	-68	-106
3,4200E+10	-65	-65	0,004128000	0,4015	-65	-80
3,4220E+10	-65	-65	0,005303000	0,3991	-65	-79
3,4240E+10	-67	-67	0,004035000	0,4066	-67	-81
3,4260E+10	-67	-67	0,004604000	0,4071	-67	-79
3,4280E+10	-66	-66	0,005231000	0,4004	-66	-74
3,4300E+10	-65	-65	0,004794000	0,4055	-65	-81
3,4320E+10	-64	-64	0,005526000	0,4049	-64	-93
3,4340E+10	-64	-64	0,005047000	0,4047	-64	-87
3,4360E+10	-65	-65	0,004449000	0,4066	-65	-91
3,4380E+10	-64	-64	0,005160000	0,4051	-64	-84
3,4400E+10	-65	-65	0,004251000	0,4126	-65	-101
3,4420E+10	-66	-66	0,003920000	0,4080	-66	-88
3,4440E+10	-65	-65	0,003300000	0,4019	-65	-78
3,4460E+10	-67	-67	0,004188000	0,3935	-67	-130
3,4480E+10	-68	-68	0,004802000	0,3920	-68	-91
3,4500E+10	-67	-67	0,005296000	0,3916	-67	-89
3,4520E+10	-65	-65	0,005914000	0,3931	-65	-88
3,4540E+10	-64	-64	0,005683000	0,4047	-64	-77
3,4560E+10	-65	-65	0,005532000	0,4008	-65	-76
3,4580E+10	-67	-67	0,005587000	0,4000	-67	-82
3,4600E+10	-67	-67	0,006621000	0,4005	-67	-88
3,4620E+10	-67	-67	0,006167000	0,3979	-67	-103
3,4640E+10	-66	-66	0,005601000	0,3988	-66	-113
3,4660E+10	-68	-68	0,005222000	0,4024	-68	-82
3,4680E+10	-66	-66	0,004265000	0,4080	-66	-86
3,4700E+10	-64	-64	0,003984000	0,4100	-64	-78
3,4720E+10	-63	-63	0,004233000	0,4073	-63	-72
3,4740E+10	-64	-64	0,003633000	0,4084	-64	-73
3,4760E+10	-65	-65	0,005557000	0,3993	-65	-82
3,4780E+10	-66	-66	0,004452000	0,3994	-66	-85
3,4800E+10	-68	-68	0,003773000	0,4035	-68	-102

Table 49: Drift results as inserted into the `VNA Tools II` database - 30.

Frequency / Hz	Switch Term Drift / dB	Directivity Drift / dB	Tracking Drift Mag / dB	Tracking Drift Phase /	Match Drift / dB	Isolation / dB
3,4820E+10	-72	-72	0,003979000	0,3994	-72	-78
3,4840E+10	-74	-74	0,004364000	0,4024	-74	-77
3,4860E+10	-75	-75	0,004143000	0,3963	-75	-76
3,4880E+10	-67	-67	0,005540000	0,3936	-67	-80
3,4900E+10	-67	-67	0,005832000	0,3931	-67	-74
3,4920E+10	-67	-67	0,004798000	0,3984	-67	-73
3,4940E+10	-67	-67	0,005718000	0,4007	-67	-72
3,4960E+10	-68	-68	0,006127000	0,3980	-68	-70
3,4980E+10	-68	-68	0,005503000	0,4025	-68	-70
3,5000E+10	-75	-75	0,005733000	0,4031	-75	-102
3,5020E+10	-74	-74	0,004979000	0,4094	-74	-85
3,5040E+10	-72	-72	0,005506000	0,4054	-72	-87
3,5060E+10	-69	-69	0,004827000	0,4039	-69	-80
3,5080E+10	-70	-70	0,004051000	0,4038	-70	-84
3,5100E+10	-68	-68	0,005517000	0,4022	-68	-75
3,5120E+10	-67	-67	0,004933000	0,4024	-67	-73
3,5140E+10	-70	-70	0,004888000	0,4000	-70	-83
3,5160E+10	-74	-74	0,004897000	0,4060	-74	-79
3,5180E+10	-76	-76	0,005735000	0,4060	-76	-80
3,5200E+10	-72	-72	0,005918000	0,4100	-72	-91
3,5220E+10	-66	-66	0,005925000	0,4056	-66	-72
3,5240E+10	-70	-70	0,005221000	0,4119	-70	-91
3,5260E+10	-71	-71	0,005466000	0,4064	-71	-94
3,5280E+10	-69	-69	0,005190000	0,4102	-69	-91
3,5300E+10	-66	-66	0,005482000	0,4081	-66	-69
3,5320E+10	-69	-69	0,005510000	0,4049	-69	-76
3,5340E+10	-72	-72	0,005325000	0,4042	-72	-82
3,5360E+10	-74	-74	0,005920000	0,4066	-74	-115
3,5380E+10	-73	-73	0,005944000	0,4028	-73	-93
3,5400E+10	-72	-72	0,006022000	0,3993	-72	-74
3,5420E+10	-71	-71	0,005323000	0,4046	-71	-74
3,5440E+10	-69	-69	0,005758000	0,4052	-69	-85
3,5460E+10	-67	-67	0,005652000	0,4047	-67	-72
3,5480E+10	-67	-67	0,006314000	0,4056	-67	-77
3,5500E+10	-70	-70	0,005616000	0,4104	-70	-86
3,5520E+10	-74	-74	0,005585000	0,4161	-74	-77
3,5540E+10	-75	-75	0,005363000	0,4146	-75	-77
3,5560E+10	-77	-77	0,005714000	0,4189	-77	-75
3,5580E+10	-76	-76	0,005616000	0,4052	-76	-74
3,5600E+10	-71	-71	0,005547000	0,4083	-71	-75
3,5620E+10	-67	-67	0,005755000	0,4088	-67	-78
3,5640E+10	-66	-66	0,006333000	0,4106	-66	-83
3,5660E+10	-68	-68	0,006877000	0,4050	-68	-82
3,5680E+10	-68	-68	0,006189000	0,4090	-68	-81
3,5700E+10	-69	-69	0,005864000	0,4095	-69	-80
3,5720E+10	-70	-70	0,005858000	0,4046	-70	-79
3,5740E+10	-72	-72	0,006130000	0,4115	-72	-75
3,5760E+10	-70	-70	0,005832000	0,4119	-70	-77
3,5780E+10	-67	-67	0,006032000	0,4128	-67	-83
3,5800E+10	-66	-66	0,005635000	0,4129	-66	-88
3,5820E+10	-65	-65	0,004998000	0,4142	-65	-81
3,5840E+10	-65	-65	0,005160000	0,4169	-65	-89
3,5860E+10	-65	-65	0,005006000	0,4105	-65	-83
3,5880E+10	-66	-66	0,005833000	0,4100	-66	-76
3,5900E+10	-69	-69	0,005165000	0,4175	-69	-70
3,5920E+10	-70	-70	0,004631000	0,4185	-70	-70
3,5940E+10	-68	-68	0,005468000	0,4105	-68	-73
3,5960E+10	-67	-67	0,004505000	0,4146	-67	-75

Table 50: Drift results as inserted into the `VNA Tools II` database - 31.

Frequency / Hz	Switch Term Drift / dB	Directivity Drift / dB	Tracking Drift Mag / dB	Tracking Drift Phase /	Match Drift / dB	Isolation / dB
3,5980E+10	-64	-64	0,005577000	0,4079	-64	-90
3,6000E+10	-64	-64	0,005666000	0,4094	-64	-84
3,6020E+10	-64	-64	0,006822000	0,4110	-64	-78
3,6040E+10	-63	-63	0,006462000	0,4102	-63	-77
3,6060E+10	-64	-64	0,005604000	0,4185	-64	-77
3,6080E+10	-67	-67	0,005380000	0,4194	-67	-75
3,6100E+10	-68	-68	0,005873000	0,4176	-68	-75
3,6120E+10	-66	-66	0,004777000	0,4164	-66	-78
3,6140E+10	-65	-65	0,005359000	0,4165	-65	-79
3,6160E+10	-64	-64	0,004519000	0,4206	-64	-74
3,6180E+10	-64	-64	0,004047000	0,4156	-64	-77
3,6200E+10	-63	-63	0,004754000	0,4157	-63	-80
3,6220E+10	-63	-63	0,006290000	0,4092	-63	-85
3,6240E+10	-63	-63	0,005403000	0,4114	-63	-81
3,6260E+10	-64	-64	0,005018000	0,4143	-64	-76
3,6280E+10	-65	-65	0,005749000	0,4085	-65	-72
3,6300E+10	-65	-65	0,005777000	0,4042	-65	-72
3,6320E+10	-65	-65	0,004818000	0,4080	-65	-73
3,6340E+10	-64	-64	0,005723000	0,4109	-64	-77
3,6360E+10	-64	-64	0,005023000	0,4096	-64	-77
3,6380E+10	-63	-63	0,004776000	0,4168	-63	-79
3,6400E+10	-62	-62	0,004781000	0,4181	-62	-78
3,6420E+10	-62	-62	0,004388000	0,4189	-62	-80
3,6440E+10	-62	-62	0,005059000	0,4154	-62	-80
3,6460E+10	-63	-63	0,005086000	0,4091	-63	-79
3,6480E+10	-64	-64	0,005644000	0,4060	-64	-76
3,6500E+10	-65	-65	0,004857000	0,4123	-65	-73
3,6520E+10	-64	-64	0,005334000	0,4177	-64	-74
3,6540E+10	-63	-63	0,005388000	0,4175	-63	-80
3,6560E+10	-63	-63	0,005688000	0,4116	-63	-74
3,6580E+10	-63	-63	0,005115000	0,4168	-63	-78
3,6600E+10	-63	-63	0,004775000	0,4150	-63	-96
3,6620E+10	-64	-64	0,004311000	0,4191	-64	-84
3,6640E+10	-64	-64	0,003298000	0,4226	-64	-74
3,6660E+10	-64	-64	0,003265000	0,4148	-64	-71
3,6680E+10	-63	-63	0,004557000	0,4172	-63	-71
3,6700E+10	-63	-63	0,005372000	0,4084	-63	-72
3,6720E+10	-62	-62	0,004913000	0,4112	-62	-76
3,6740E+10	-63	-63	0,005611000	0,4089	-63	-81
3,6760E+10	-63	-63	0,004768000	0,4089	-63	-108
3,6780E+10	-63	-63	0,004212000	0,4089	-63	-72
3,6800E+10	-62	-62	0,004416000	0,4083	-62	-82
3,6820E+10	-63	-63	0,005124000	0,4051	-63	-76
3,6840E+10	-63	-63	0,004493000	0,4088	-63	-76
3,6860E+10	-64	-64	0,004086000	0,4064	-64	-79
3,6880E+10	-65	-65	0,003667000	0,4075	-65	-78
3,6900E+10	-65	-65	0,004770000	0,4031	-65	-73
3,6920E+10	-65	-65	0,005730000	0,4047	-65	-73
3,6940E+10	-63	-63	0,005847000	0,4077	-63	-79
3,6960E+10	-63	-63	0,005846000	0,4068	-63	-75
3,6980E+10	-63	-63	0,006372000	0,4101	-63	-79
3,7000E+10	-63	-63	0,005421000	0,4163	-63	-79
3,7020E+10	-64	-64	0,004068000	0,4188	-64	-78
3,7040E+10	-65	-65	0,004308000	0,4160	-65	-78
3,7060E+10	-67	-67	0,005326000	0,4130	-67	-70
3,7080E+10	-67	-67	0,005368000	0,4167	-67	-69
3,7100E+10	-64	-64	0,004895000	0,4183	-64	-75
3,7120E+10	-63	-63	0,004920000	0,4223	-63	-90

Table 51: Drift results as inserted into the `VNA Tools II` database - 32.

Frequency / Hz	Switch Term Drift / dB	Directivity Drift / dB	Tracking Drift Mag / dB	Tracking Drift Phase /	Match Drift / dB	Isolation / dB
3,7140E+10	-64	-64	0,004969000	0,4211	-64	-86
3,7160E+10	-65	-65	0,005617000	0,4179	-65	-75
3,7180E+10	-64	-64	0,005335000	0,4233	-64	-74
3,7200E+10	-63	-63	0,004275000	0,4296	-63	-79
3,7220E+10	-65	-65	0,004731000	0,4316	-65	-91
3,7240E+10	-64	-64	0,003660000	0,4260	-64	-85
3,7260E+10	-67	-67	0,004147000	0,4253	-67	-82
3,7280E+10	-68	-68	0,005273000	0,4272	-68	-80
3,7300E+10	-69	-69	0,004732000	0,4310	-69	-75
3,7320E+10	-70	-70	0,004919000	0,4253	-70	-70
3,7340E+10	-66	-66	0,004490000	0,4239	-66	-73
3,7360E+10	-64	-64	0,005032000	0,4287	-64	-78
3,7380E+10	-64	-64	0,004654000	0,4340	-64	-94
3,7400E+10	-66	-66	0,004735000	0,4332	-66	-85
3,7420E+10	-68	-68	0,004509000	0,4243	-68	-85
3,7440E+10	-68	-68	0,005333000	0,4198	-68	-84
3,7460E+10	-73	-73	0,004542000	0,4280	-73	-71
3,7480E+10	-74	-74	0,004725000	0,4304	-74	-69
3,7500E+10	-71	-71	0,004598000	0,4293	-71	-69
3,7520E+10	-68	-68	0,005352000	0,4288	-68	-77
3,7540E+10	-68	-68	0,004751000	0,4324	-68	-85
3,7560E+10	-70	-70	0,005685000	0,4293	-70	-77
3,7580E+10	-70	-70	0,005944000	0,4289	-70	-79
3,7600E+10	-69	-69	0,005371000	0,4328	-69	-80
3,7620E+10	-70	-70	0,005228000	0,4352	-70	-86
3,7640E+10	-72	-72	0,004171000	0,4446	-72	-73
3,7660E+10	-73	-73	0,003607000	0,4385	-73	-81
3,7680E+10	-76	-76	0,003472000	0,4359	-76	-89
3,7700E+10	-78	-78	0,004578000	0,4331	-78	-79
3,7720E+10	-100	-100	0,004274000	0,4293	-100	-71
3,7740E+10	-81	-81	0,004433000	0,4324	-81	-68
3,7760E+10	-83	-83	0,004324000	0,4325	-83	-72
3,7780E+10	-75	-75	0,005055000	0,4257	-75	-83
3,7800E+10	-78	-78	0,005713000	0,4286	-78	-90
3,7820E+10	-77	-77	0,005883000	0,4320	-77	-83
3,7840E+10	-76	-76	0,005456000	0,4379	-76	-86
3,7860E+10	-84	-84	0,006046000	0,4313	-84	-91
3,7880E+10	-87	-87	0,005445000	0,4275	-87	-75
3,7900E+10	-81	-81	0,006215000	0,4292	-81	-71
3,7920E+10	-88	-88	0,006309000	0,4332	-88	-73
3,7940E+10	-81	-81	0,006287000	0,4404	-81	-77
3,7960E+10	-79	-79	0,005663000	0,4380	-79	-75
3,7980E+10	-95	-95	0,005743000	0,4403	-95	-71
3,8000E+10	-102	-102	0,006128000	0,4316	-102	-77
3,8020E+10	-79	-79	0,005568000	0,4375	-79	-75
3,8040E+10	-87	-87	0,006415000	0,4318	-87	-77
3,8060E+10	-92	-92	0,005035000	0,4339	-92	-83
3,8080E+10	-88	-88	0,004684000	0,4389	-88	-105
3,8100E+10	-87	-87	0,005358000	0,4392	-87	-81
3,8120E+10	-87	-87	0,005109000	0,4374	-87	-83
3,8140E+10	-75	-75	0,005031000	0,4407	-75	-79
3,8160E+10	-76	-76	0,005094000	0,4343	-76	-76
3,8180E+10	-78	-78	0,005905000	0,4339	-78	-99
3,8200E+10	-85	-85	0,005519000	0,4362	-85	-77
3,8220E+10	-80	-80	0,005016000	0,4326	-80	-86
3,8240E+10	-87	-87	0,004668000	0,4375	-87	-80
3,8260E+10	-86	-86	0,004905000	0,4377	-86	-86
3,8280E+10	-74	-74	0,004630000	0,4402	-74	-81

Table 52: Drift results as inserted into the `VNA Tools II` database - 33.

Frequency / Hz	Switch Term Drift / dB	Directivity Drift / dB	Tracking Drift Mag / dB	Tracking Drift Phase /	Match Drift / dB	Isolation / dB
3,8300E+10	-104	-104	0,004431000	0,4416	-104	-108
3,8320E+10	-77	-77	0,004203000	0,4436	-77	-83
3,8340E+10	-72	-72	0,004337000	0,4395	-72	-88
3,8360E+10	-68	-68	0,004546000	0,4354	-68	-81
3,8380E+10	-68	-68	0,004172000	0,4373	-68	-72
3,8400E+10	-72	-72	0,004346000	0,4311	-72	-87
3,8420E+10	-85	-85	0,004353000	0,4339	-85	-74
3,8440E+10	-81	-81	0,005052000	0,4327	-81	-72
3,8460E+10	-76	-76	0,005080000	0,4312	-76	-73
3,8480E+10	-73	-73	0,005374000	0,4281	-73	-73
3,8500E+10	-87	-87	0,005219000	0,4289	-87	-75
3,8520E+10	-70	-70	0,006063000	0,4324	-70	-81
3,8540E+10	-68	-68	0,006374000	0,4280	-68	-73
3,8560E+10	-67	-67	0,006244000	0,4274	-67	-69
3,8580E+10	-69	-69	0,005740000	0,4323	-69	-79
3,8600E+10	-72	-72	0,004975000	0,4310	-72	-77
3,8620E+10	-79	-79	0,005098000	0,4363	-79	-74
3,8640E+10	-88	-88	0,004713000	0,4349	-88	-72
3,8660E+10	-91	-91	0,004410000	0,4358	-91	-75
3,8680E+10	-86	-86	0,004684000	0,4346	-86	-79
3,8700E+10	-76	-76	0,004992000	0,4326	-76	-96
3,8720E+10	-66	-66	0,004280000	0,4323	-66	-71
3,8740E+10	-65	-65	0,005943000	0,4316	-65	-74
3,8760E+10	-66	-66	0,005342000	0,4248	-66	-80
3,8780E+10	-65	-65	0,004859000	0,4308	-65	-83
3,8800E+10	-68	-68	0,005249000	0,4312	-68	-81
3,8820E+10	-75	-75	0,004944000	0,4357	-75	-76
3,8840E+10	-94	-94	0,004409000	0,4368	-94	-72
3,8860E+10	-88	-88	0,004590000	0,4386	-88	-81
3,8880E+10	-84	-84	0,004611000	0,4409	-84	-83
3,8900E+10	-104	-104	0,004477000	0,4448	-104	-86
3,8920E+10	-68	-68	0,003495000	0,4511	-68	-71
3,8940E+10	-65	-65	0,005206000	0,4473	-65	-67
3,8960E+10	-64	-64	0,004548000	0,4511	-64	-63
3,8980E+10	-66	-66	0,003952000	0,4558	-66	-66
3,9000E+10	-67	-67	0,004261000	0,4498	-67	-75
3,9020E+10	-72	-72	0,005003000	0,4597	-72	-93
3,9040E+10	-80	-80	0,004068000	0,4662	-80	-83
3,9060E+10	-80	-80	0,004193000	0,4595	-80	-96
3,9080E+10	-81	-81	0,003436000	0,4584	-81	-84
3,9100E+10	-88	-88	0,004839000	0,4522	-88	-74
3,9120E+10	-67	-67	0,004847000	0,4513	-67	-77
3,9140E+10	-64	-64	0,004756000	0,4510	-64	-73
3,9160E+10	-64	-64	0,006102000	0,4517	-64	-73
3,9180E+10	-64	-64	0,006063000	0,4454	-64	-88
3,9200E+10	-65	-65	0,005319000	0,4568	-65	-85
3,9220E+10	-71	-71	0,004802000	0,4514	-71	-82
3,9240E+10	-76	-76	0,004604000	0,4503	-76	-86
3,9260E+10	-92	-92	0,005067000	0,4485	-92	-75
3,9280E+10	-90	-90	0,003287000	0,4589	-90	-90
3,9300E+10	-74	-74	0,002598000	0,4651	-74	-78
3,9320E+10	-66	-66	0,002567000	0,4620	-66	-71
3,9340E+10	-64	-64	0,004264000	0,4482	-64	-71
3,9360E+10	-63	-63	0,003229000	0,4507	-63	-75
3,9380E+10	-65	-65	0,003959000	0,4525	-65	-68
3,9400E+10	-69	-69	0,003168000	0,4500	-69	-71
3,9420E+10	-74	-74	0,004632000	0,4462	-74	-86
3,9440E+10	-83	-83	0,004162000	0,4510	-83	-78

Table 53: Drift results as inserted into the `VNA Tools II` database - 34.

Frequency / Hz	Switch Term Drift / dB	Directivity Drift / dB	Tracking Drift Mag / dB	Tracking Drift Phase /	Match Drift / dB	Isolation / dB
3,9460E+10	-85	-85	0,003693000	0,4509	-85	-90
3,9480E+10	-89	-89	0,003970000	0,4477	-89	-98
3,9500E+10	-77	-77	0,005049000	0,4416	-77	-86
3,9520E+10	-66	-66	0,004596000	0,4465	-66	-77
3,9540E+10	-65	-65	0,005159000	0,4461	-65	-73
3,9560E+10	-65	-65	0,005457000	0,4392	-65	-70
3,9580E+10	-66	-66	0,006440000	0,4408	-66	-77
3,9600E+10	-67	-67	0,005929000	0,4502	-67	-74
3,9620E+10	-70	-70	0,005753000	0,4580	-70	-69
3,9640E+10	-75	-75	0,005896000	0,4567	-75	-81
3,9660E+10	-72	-72	0,004882000	0,4607	-72	-82
3,9680E+10	-75	-75	0,006446000	0,4498	-75	-81
3,9700E+10	-73	-73	0,006136000	0,4540	-73	-74
3,9720E+10	-73	-73	0,005801000	0,4506	-73	-76
3,9740E+10	-72	-72	0,004963000	0,4418	-72	-98
3,9760E+10	-67	-67	0,006232000	0,4489	-67	-74
3,9780E+10	-67	-67	0,005096000	0,4536	-67	-67
3,9800E+10	-69	-69	0,005522000	0,4461	-69	-66
3,9820E+10	-71	-71	0,006165000	0,4449	-71	-77
3,9840E+10	-77	-77	0,006721000	0,4454	-77	-86
3,9860E+10	-77	-77	0,005997000	0,4455	-77	-83
3,9880E+10	-82	-82	0,006110000	0,4507	-82	-79
3,9900E+10	-98	-98	0,005972000	0,4546	-98	-77
3,9920E+10	-86	-86	0,006854000	0,4464	-86	-72
3,9940E+10	-82	-82	0,005547000	0,4489	-82	-77
3,9960E+10	-70	-70	0,005993000	0,4516	-70	-83
3,9980E+10	-70	-70	0,004953000	0,4519	-70	-73
4,0000E+10	-69	-69	0,005846000	0,4489	-69	-71
4,0020E+10	-69	-69	0,005529000	0,4578	-69	-75
4,0040E+10	-74	-74	0,005743000	0,4533	-74	-65
4,0060E+10	-78	-78	0,005728000	0,4533	-78	-70
4,0080E+10	-90	-90	0,006306000	0,4508	-90	-122
4,0100E+10	-83	-83	0,005429000	0,4533	-83	-80
4,0120E+10	-81	-81	0,006059000	0,4504	-81	-86
4,0140E+10	-76	-76	0,005504000	0,4563	-76	-79
4,0160E+10	-89	-89	0,005061000	0,4474	-89	-82
4,0180E+10	-72	-72	0,006581000	0,4462	-72	-74
4,0200E+10	-75	-75	0,006992000	0,4440	-75	-74
4,0220E+10	-78	-78	0,005880000	0,4466	-78	-71
4,0240E+10	-80	-80	0,005920000	0,4481	-80	-86
4,0260E+10	-78	-78	0,006797000	0,4515	-78	-82
4,0280E+10	-89	-89	0,005607000	0,4531	-89	-82
4,0300E+10	-85	-85	0,006412000	0,4534	-85	-81
4,0320E+10	-78	-78	0,006846000	0,4521	-78	-73
4,0340E+10	-78	-78	0,005544000	0,4510	-78	-70
4,0360E+10	-86	-86	0,005417000	0,4490	-86	-80
4,0380E+10	-98	-98	0,007002000	0,4436	-98	-78
4,0400E+10	-88	-88	0,007550000	0,4422	-88	-72
4,0420E+10	-81	-81	0,006110000	0,4514	-81	-74
4,0440E+10	-94	-94	0,006033000	0,4521	-94	-77
4,0460E+10	-94	-94	0,004943000	0,4557	-94	-81
4,0480E+10	-97	-97	0,005404000	0,4581	-97	-87
4,0500E+10	-90	-90	0,005777000	0,4613	-90	-75
4,0520E+10	-98	-98	0,004870000	0,4681	-98	-83
4,0540E+10	-84	-84	0,005245000	0,4586	-84	-88
4,0560E+10	-81	-81	0,005074000	0,4673	-81	-81
4,0580E+10	-89	-89	0,006860000	0,4606	-89	-71
4,0600E+10	-94	-94	0,005801000	0,4598	-94	-69

Table 54: Drift results as inserted into the `VNA Tools II` database - 35.

Frequency / Hz	Switch Term Drift / dB	Directivity Drift / dB	Tracking Drift Mag / dB	Tracking Drift Phase /	Match Drift / dB	Isolation / dB
4,0620E+10	-86	-86	0,006230000	0,4589	-86	-67
4,0640E+10	-87	-87	0,005499000	0,4609	-87	-70
4,0660E+10	-114	-114	0,004148000	0,4626	-114	-73
4,0680E+10	-89	-89	0,005294000	0,4608	-89	-75
4,0700E+10	-90	-90	0,005500000	0,4634	-90	-80
4,0720E+10	-79	-79	0,005935000	0,4615	-79	-76
4,0740E+10	-77	-77	0,006958000	0,4585	-77	-72
4,0760E+10	-73	-73	0,005895000	0,4607	-73	-70
4,0780E+10	-73	-73	0,005110000	0,4570	-73	-83
4,0800E+10	-75	-75	0,006550000	0,4601	-75	-81
4,0820E+10	-79	-79	0,006748000	0,4592	-79	-73
4,0840E+10	-87	-87	0,005877000	0,4673	-87	-69
4,0860E+10	-83	-83	0,007022000	0,4568	-83	-72
4,0880E+10	-79	-79	0,006184000	0,4685	-79	-68
4,0900E+10	-80	-80	0,007028000	0,4664	-80	-70
4,0920E+10	-73	-73	0,007468000	0,4596	-73	-74
4,0940E+10	-70	-70	0,006536000	0,4638	-70	-81
4,0960E+10	-69	-69	0,006187000	0,4628	-69	-98
4,0980E+10	-71	-71	0,006299000	0,4569	-71	-74
4,1000E+10	-73	-73	0,006413000	0,4628	-73	-69
4,1020E+10	-78	-78	0,006155000	0,4620	-78	-70
4,1040E+10	-85	-85	0,006853000	0,4562	-85	-67
4,1060E+10	-78	-78	0,007264000	0,4656	-78	-70
4,1080E+10	-77	-77	0,007381000	0,4647	-77	-70
4,1100E+10	-69	-69	0,006382000	0,4673	-69	-81
4,1120E+10	-69	-69	0,005991000	0,4686	-69	-86
4,1140E+10	-71	-71	0,006280000	0,4725	-71	-76
4,1160E+10	-71	-71	0,006464000	0,4686	-71	-73
4,1180E+10	-70	-70	0,005944000	0,4604	-70	-75
4,1200E+10	-69	-69	0,004781000	0,4649	-69	-78
4,1220E+10	-71	-71	0,006460000	0,4572	-71	-72
4,1240E+10	-72	-72	0,006969000	0,4580	-72	-72
4,1260E+10	-71	-71	0,006723000	0,4620	-71	-71
4,1280E+10	-67	-67	0,005064000	0,4646	-67	-76
4,1300E+10	-66	-66	0,006155000	0,4641	-66	-77
4,1320E+10	-67	-67	0,006562000	0,4675	-67	-77
4,1340E+10	-67	-67	0,005837000	0,4750	-67	-80
4,1360E+10	-66	-66	0,005579000	0,4693	-66	-103
4,1380E+10	-68	-68	0,006189000	0,4582	-68	-75
4,1400E+10	-70	-70	0,005733000	0,4596	-70	-70
4,1420E+10	-70	-70	0,005979000	0,4603	-70	-69
4,1440E+10	-69	-69	0,007997000	0,4605	-69	-72
4,1460E+10	-68	-68	0,007917000	0,4642	-68	-75
4,1480E+10	-67	-67	0,006293000	0,4711	-67	-79
4,1500E+10	-67	-67	0,006496000	0,4719	-67	-82
4,1520E+10	-67	-67	0,006826000	0,4631	-67	-84
4,1540E+10	-66	-66	0,006429000	0,4672	-66	-88
4,1560E+10	-67	-67	0,006486000	0,4709	-67	-77
4,1580E+10	-68	-68	0,006238000	0,4661	-68	-73
4,1600E+10	-68	-68	0,004434000	0,4752	-68	-75
4,1620E+10	-69	-69	0,004180000	0,4785	-69	-78
4,1640E+10	-68	-68	0,004640000	0,4741	-68	-76
4,1660E+10	-65	-65	0,005298000	0,4693	-65	-78
4,1680E+10	-64	-64	0,005914000	0,4713	-64	-82
4,1700E+10	-64	-64	0,005422000	0,4707	-64	-108
4,1720E+10	-65	-65	0,005817000	0,4686	-65	-79
4,1740E+10	-65	-65	0,005471000	0,4750	-65	-79
4,1760E+10	-65	-65	0,005503000	0,4681	-65	-85

Table 55: Drift results as inserted into the `VNA Tools II` database - 36.

Frequency / Hz	Switch Term Drift / dB	Directivity Drift / dB	Tracking Drift Mag / dB	Tracking Drift Phase /	Match Drift / dB	Isolation / dB
4,1780E+10	-68	-68	0,005612000	0,4772	-68	-75
4,1800E+10	-68	-68	0,006758000	0,4797	-68	-74
4,1820E+10	-68	-68	0,005435000	0,4804	-68	-75
4,1840E+10	-66	-66	0,005115000	0,4784	-66	-79
4,1860E+10	-64	-64	0,005349000	0,4782	-64	-120
4,1880E+10	-63	-63	0,004197000	0,4723	-63	-77
4,1900E+10	-62	-62	0,004011000	0,4710	-62	-85
4,1920E+10	-62	-62	0,005055000	0,4735	-62	-99
4,1940E+10	-63	-63	0,004713000	0,4772	-63	-89
4,1960E+10	-65	-65	0,005144000	0,4787	-65	-75
4,1980E+10	-68	-68	0,005470000	0,4811	-68	-71
4,2000E+10	-71	-71	0,005707000	0,4776	-71	-71
4,2020E+10	-68	-68	0,005182000	0,4786	-68	-80
4,2040E+10	-65	-65	0,006692000	0,4846	-65	-114
4,2060E+10	-63	-63	0,006483000	0,4812	-63	-84
4,2080E+10	-62	-62	0,005672000	0,4845	-62	-80
4,2100E+10	-61	-61	0,006027000	0,4859	-61	-85
4,2120E+10	-61	-61	0,004636000	0,4816	-61	-115
4,2140E+10	-63	-63	0,004258000	0,4840	-63	-88
4,2160E+10	-64	-64	0,005158000	0,4829	-64	-82
4,2180E+10	-73	-73	0,004825000	0,4873	-73	-74
4,2200E+10	-79	-79	0,004120000	0,4884	-79	-72
4,2220E+10	-69	-69	0,005109000	0,4833	-69	-89
4,2240E+10	-66	-66	0,006121000	0,4801	-66	-90
4,2260E+10	-62	-62	0,006833000	0,4835	-62	-89
4,2280E+10	-61	-61	0,006890000	0,4840	-61	-89
4,2300E+10	-61	-61	0,005731000	0,4900	-61	-79
4,2320E+10	-61	-61	0,006230000	0,4956	-61	-81
4,2340E+10	-62	-62	0,005392000	0,4890	-62	-87
4,2360E+10	-65	-65	0,005312000	0,4879	-65	-76
4,2380E+10	-75	-75	0,004042000	0,4909	-75	-68
4,2400E+10	-92	-92	0,004562000	0,4878	-92	-66
4,2420E+10	-69	-69	0,004871000	0,4820	-69	-81
4,2440E+10	-66	-66	0,005334000	0,4834	-66	-94
4,2460E+10	-63	-63	0,005965000	0,4808	-63	-90
4,2480E+10	-61	-61	0,004759000	0,4874	-61	-83
4,2500E+10	-60	-60	0,005485000	0,4895	-60	-82
4,2520E+10	-63	-63	0,005941000	0,4870	-63	-80
4,2540E+10	-66	-66	0,005473000	0,4950	-66	-82
4,2560E+10	-74	-74	0,007107000	0,4933	-74	-69
4,2580E+10	-80	-80	0,005714000	0,4869	-80	-65
4,2600E+10	-78	-78	0,005372000	0,4852	-78	-66
4,2620E+10	-71	-71	0,005861000	0,4854	-71	-76
4,2640E+10	-65	-65	0,007290000	0,4857	-65	-83
4,2660E+10	-62	-62	0,007513000	0,4904	-62	-76
4,2680E+10	-61	-61	0,006318000	0,4921	-61	-82
4,2700E+10	-61	-61	0,005811000	0,5021	-61	-79
4,2720E+10	-62	-62	0,005032000	0,5093	-62	-79
4,2740E+10	-66	-66	0,006303000	0,5118	-66	-81
4,2760E+10	-75	-75	0,006892000	0,5004	-75	-68
4,2780E+10	-96	-96	0,006298000	0,5013	-96	-64
4,2800E+10	-82	-82	0,006515000	0,4947	-82	-67
4,2820E+10	-70	-70	0,006411000	0,4993	-70	-84
4,2840E+10	-67	-67	0,006663000	0,4925	-67	-76
4,2860E+10	-64	-64	0,004952000	0,4979	-64	-71
4,2880E+10	-63	-63	0,006716000	0,4938	-63	-80
4,2900E+10	-62	-62	0,004268000	0,5034	-62	-94
4,2920E+10	-64	-64	0,007702000	0,4965	-64	-87

Table 56: Drift results as inserted into the `VNA Tools II` database - 37.

Frequency / Hz	Switch Term Drift / dB	Directivity Drift / dB	Tracking Drift Mag / dB	Tracking Drift Phase /	Match Drift / dB	Isolation / dB
4,2940E+10	-71	-71	0,006888000	0,4905	-71	-71
4,2960E+10	-79	-79	0,005941000	0,5018	-79	-67
4,2980E+10	-74	-74	0,008098000	0,5015	-74	-65
4,3000E+10	-78	-78	0,006208000	0,5005	-78	-75
4,3020E+10	-73	-73	0,007557000	0,4985	-73	-76
4,3040E+10	-69	-69	0,008191000	0,4979	-69	-81
4,3060E+10	-65	-65	0,007243000	0,4961	-65	-73
4,3080E+10	-64	-64	0,005195000	0,4985	-64	-74
4,3100E+10	-65	-65	0,006573000	0,4990	-65	-85
4,3120E+10	-67	-67	0,006570000	0,5095	-67	-73
4,3140E+10	-70	-70	0,005479000	0,5081	-70	-67
4,3160E+10	-85	-85	0,006729000	0,5014	-85	-64
4,3180E+10	-84	-84	0,006413000	0,5104	-84	-64
4,3200E+10	-82	-82	0,007913000	0,5043	-82	-67
4,3220E+10	-71	-71	0,006554000	0,5012	-71	-89
4,3240E+10	-68	-68	0,006594000	0,4962	-68	-92
4,3260E+10	-66	-66	0,006276000	0,4962	-66	-74
4,3280E+10	-67	-67	0,004458000	0,5041	-67	-76
4,3300E+10	-68	-68	0,005784000	0,5034	-68	-95
4,3320E+10	-69	-69	0,006051000	0,5030	-69	-81
4,3340E+10	-74	-74	0,006799000	0,5036	-74	-70
4,3360E+10	-92	-92	0,006274000	0,5032	-92	-67
4,3380E+10	-83	-83	0,006075000	0,5054	-83	-68
4,3400E+10	-71	-71	0,005368000	0,5043	-71	-72
4,3420E+10	-68	-68	0,004963000	0,4949	-68	-71
4,3440E+10	-68	-68	0,005911000	0,4870	-68	-76
4,3460E+10	-68	-68	0,006611000	0,4849	-68	-73
4,3480E+10	-70	-70	0,007253000	0,4905	-70	-80
4,3500E+10	-72	-72	0,006667000	0,4997	-72	-95
4,3520E+10	-76	-76	0,008857000	0,4998	-76	-72
4,3540E+10	-85	-85	0,006296000	0,5066	-85	-70
4,3560E+10	-94	-94	0,004430000	0,5148	-94	-66
4,3580E+10	-74	-74	0,005340000	0,5154	-74	-67
4,3600E+10	-69	-69	0,003286000	0,5080	-69	-70
4,3620E+10	-67	-67	0,004106000	0,5076	-67	-80
4,3640E+10	-65	-65	0,003422000	0,5076	-65	-79
4,3660E+10	-65	-65	0,004673000	0,5023	-65	-74
4,3680E+10	-68	-68	0,004636000	0,5017	-68	-71
4,3700E+10	-69	-69	0,005871000	0,5004	-69	-77
4,3720E+10	-73	-73	0,006332000	0,4896	-73	-72
4,3740E+10	-79	-79	0,004275000	0,4930	-79	-73
4,3760E+10	-92	-92	0,004763000	0,4954	-92	-66
4,3780E+10	-91	-91	0,004500000	0,4987	-91	-65
4,3800E+10	-70	-70	0,004112000	0,4986	-70	-68
4,3820E+10	-64	-64	0,003513000	0,5062	-64	-82
4,3840E+10	-62	-62	0,004068000	0,5082	-62	-79
4,3860E+10	-62	-62	0,005123000	0,5124	-62	-83
4,3880E+10	-63	-63	0,005479000	0,5067	-63	-78
4,3900E+10	-63	-63	0,005704000	0,5055	-63	-74
4,3920E+10	-64	-64	0,006592000	0,5036	-64	-71
4,3940E+10	-66	-66	0,006505000	0,5013	-66	-69
4,3960E+10	-67	-67	0,004984000	0,4999	-67	-71
4,3980E+10	-67	-67	0,004268000	0,5093	-67	-76
4,4000E+10	-66	-66	0,005912000	0,5004	-66	-76
4,4020E+10	-65	-65	0,004599000	0,4989	-65	-71
4,4040E+10	-64	-64	0,005303000	0,4977	-64	-72
4,4060E+10	-62	-62	0,005443000	0,4878	-62	-72
4,4080E+10	-61	-61	0,005194000	0,4939	-61	-76

Table 57: Drift results as inserted into the `VNA Tools II` database - 38.

Frequency / Hz	Switch Term Drift / dB	Directivity Drift / dB	Tracking Drift Mag / dB	Tracking Drift Phase /	Match Drift / dB	Isolation / dB
4,4100E+10	-61	-61	0,004292000	0,4922	-61	-93
4,4120E+10	-62	-62	0,006472000	0,4969	-62	-100
4,4140E+10	-63	-63	0,006046000	0,4952	-63	-83
4,4160E+10	-66	-66	0,006095000	0,5026	-66	-71
4,4180E+10	-67	-67	0,007407000	0,5038	-67	-68
4,4200E+10	-65	-65	0,004719000	0,5110	-65	-66
4,4220E+10	-61	-61	0,002745000	0,5211	-61	-69
4,4240E+10	-60	-60	0,004803000	0,5001	-60	-71
4,4260E+10	-60	-60	0,003524000	0,4995	-60	-75
4,4280E+10	-60	-60	0,004789000	0,4977	-60	-85
4,4300E+10	-59	-59	0,005062000	0,5029	-59	-88
4,4320E+10	-60	-60	0,005078000	0,5011	-60	-79
4,4340E+10	-62	-62	0,004831000	0,5075	-62	-78
4,4360E+10	-63	-63	0,005488000	0,5101	-63	-79
4,4380E+10	-62	-62	0,005394000	0,5043	-62	-85
4,4400E+10	-62	-62	0,005720000	0,5074	-62	-98
4,4420E+10	-61	-61	0,007088000	0,5128	-61	-92
4,4440E+10	-60	-60	0,006766000	0,5140	-60	-80
4,4460E+10	-59	-59	0,006029000	0,5086	-59	-87
4,4480E+10	-58	-58	0,004469000	0,5028	-58	-106
4,4500E+10	-58	-58	0,004759000	0,4967	-58	-98
4,4520E+10	-59	-59	0,005022000	0,4886	-59	-80
4,4540E+10	-60	-60	0,005847000	0,4904	-60	-91
4,4560E+10	-61	-61	0,005768000	0,4916	-61	-75
4,4580E+10	-63	-63	0,006244000	0,5021	-63	-70
4,4600E+10	-62	-62	0,007120000	0,5035	-62	-73
4,4620E+10	-59	-59	0,006200000	0,5054	-59	-82
4,4640E+10	-58	-58	0,008363000	0,4992	-58	-87
4,4660E+10	-58	-58	0,008360000	0,5028	-58	-95
4,4680E+10	-58	-58	0,008199000	0,5131	-58	-85
4,4700E+10	-59	-59	0,007450000	0,5221	-59	-83
4,4720E+10	-59	-59	0,007245000	0,5171	-59	-79
4,4740E+10	-60	-60	0,008542000	0,5062	-60	-102
4,4760E+10	-61	-61	0,008054000	0,5078	-61	-87
4,4780E+10	-63	-63	0,008128000	0,5088	-63	-73
4,4800E+10	-63	-63	0,008419000	0,5074	-63	-95
4,4820E+10	-61	-61	0,009110000	0,5018	-61	-79
4,4840E+10	-59	-59	0,007737000	0,5053	-59	-75
4,4860E+10	-58	-58	0,008383000	0,5072	-58	-85
4,4880E+10	-57	-57	0,009639000	0,5116	-57	-78
4,4900E+10	-58	-58	0,008190000	0,5084	-58	-80
4,4920E+10	-59	-59	0,008546000	0,5026	-59	-81
4,4940E+10	-62	-62	0,008913000	0,5070	-62	-83
4,4960E+10	-63	-63	0,009095000	0,5088	-63	-76
4,4980E+10	-63	-63	0,008591000	0,5054	-63	-76
4,5000E+10	-61	-61	0,008742000	0,4996	-61	-96
4,5020E+10	-60	-60	0,007578000	0,4955	-60	-79
4,5040E+10	-58	-58	0,007384000	0,4963	-58	-72
4,5060E+10	-58	-58	0,009371000	0,4992	-58	-71
4,5080E+10	-58	-58	0,008619000	0,4990	-58	-78
4,5100E+10	-59	-59	0,009656000	0,5006	-59	-83
4,5120E+10	-60	-60	0,010100000	0,5060	-60	-81
4,5140E+10	-61	-61	0,009044000	0,5123	-61	-79
4,5160E+10	-61	-61	0,009813000	0,4988	-61	-70
4,5180E+10	-64	-64	0,009512000	0,5006	-64	-73
4,5200E+10	-65	-65	0,010190000	0,4991	-65	-97
4,5220E+10	-62	-62	0,009254000	0,5022	-62	-75
4,5240E+10	-60	-60	0,010780000	0,4989	-60	-73

Table 58: Drift results as inserted into the `VNA Tools II` database - 39.

Frequency / Hz	Switch Term Drift / dB	Directivity Drift / dB	Tracking Drift Mag / dB	Tracking Drift Phase /	Match Drift / dB	Isolation / dB
4,5260E+10	-59	-59	0,008438000	0,5077	-59	-77
4,5280E+10	-59	-59	0,008220000	0,5086	-59	-69
4,5300E+10	-59	-59	0,009462000	0,5077	-59	-69
4,5320E+10	-62	-62	0,008129000	0,5065	-62	-73
4,5340E+10	-67	-67	0,009922000	0,4998	-67	-83
4,5360E+10	-71	-71	0,009497000	0,5031	-71	-72
4,5380E+10	-68	-68	0,010190000	0,5000	-68	-73
4,5400E+10	-63	-63	0,009782000	0,5115	-63	-89
4,5420E+10	-61	-61	0,010020000	0,5107	-61	-70
4,5440E+10	-61	-61	0,010270000	0,5089	-61	-69
4,5460E+10	-61	-61	0,009403000	0,5162	-61	-70
4,5480E+10	-61	-61	0,009620000	0,5185	-61	-74
4,5500E+10	-64	-64	0,009567000	0,5105	-64	-77
4,5520E+10	-67	-67	0,010060000	0,5126	-67	-89
4,5540E+10	-69	-69	0,010190000	0,5164	-69	-92
4,5560E+10	-67	-67	0,009980000	0,5188	-67	-74
4,5580E+10	-65	-65	0,010820000	0,5164	-65	-67
4,5600E+10	-64	-64	0,010520000	0,5130	-64	-68
4,5620E+10	-65	-65	0,010100000	0,5168	-65	-73
4,5640E+10	-62	-62	0,009310000	0,5184	-62	-72
4,5660E+10	-62	-62	0,009888000	0,5117	-62	-69
4,5680E+10	-64	-64	0,009276000	0,5115	-64	-69
4,5700E+10	-67	-67	0,007879000	0,5194	-67	-72
4,5720E+10	-79	-79	0,008605000	0,5179	-79	-82
4,5740E+10	-73	-73	0,008489000	0,5129	-73	-97
4,5760E+10	-69	-69	0,008743000	0,5078	-69	-77
4,5780E+10	-67	-67	0,008753000	0,5127	-67	-70
4,5800E+10	-64	-64	0,009162000	0,5065	-64	-65
4,5820E+10	-64	-64	0,009199000	0,5072	-64	-64
4,5840E+10	-65	-65	0,008211000	0,5084	-65	-67
4,5860E+10	-68	-68	0,008566000	0,5135	-68	-73
4,5880E+10	-74	-74	0,009037000	0,5073	-74	-86
4,5900E+10	-78	-78	0,008771000	0,5164	-78	-78
4,5920E+10	-74	-74	0,008903000	0,5150	-74	-83
4,5940E+10	-69	-69	0,009081000	0,5142	-69	-83
4,5960E+10	-66	-66	0,009336000	0,5137	-66	-79
4,5980E+10	-64	-64	0,009731000	0,5108	-64	-75
4,6000E+10	-64	-64	0,010700000	0,5100	-64	-72
4,6020E+10	-66	-66	0,009632000	0,5122	-66	-72
4,6040E+10	-68	-68	0,008107000	0,5260	-68	-73
4,6060E+10	-71	-71	0,007817000	0,5260	-71	-81
4,6080E+10	-78	-78	0,007754000	0,5185	-78	-74
4,6100E+10	-72	-72	0,008075000	0,5110	-72	-73
4,6120E+10	-66	-66	0,007975000	0,5207	-66	-83
4,6140E+10	-63	-63	0,007846000	0,5199	-63	-116
4,6160E+10	-62	-62	0,007781000	0,5105	-62	-82
4,6180E+10	-63	-63	0,008459000	0,5062	-63	-85
4,6200E+10	-65	-65	0,009408000	0,5100	-65	-98
4,6220E+10	-66	-66	0,009228000	0,5112	-66	-87
4,6240E+10	-69	-69	0,009743000	0,4989	-69	-73
4,6260E+10	-71	-71	0,009065000	0,5053	-71	-70
4,6280E+10	-66	-66	0,009731000	0,5161	-66	-75
4,6300E+10	-63	-63	0,009571000	0,5150	-63	-82
4,6320E+10	-62	-62	0,009687000	0,5287	-62	-71
4,6340E+10	-61	-61	0,009338000	0,5241	-61	-85
4,6360E+10	-61	-61	0,008561000	0,5315	-61	-75
4,6380E+10	-62	-62	0,009792000	0,5243	-62	-70
4,6400E+10	-63	-63	0,009782000	0,5206	-63	-76

Table 59: Drift results as inserted into the `VNA Tools II` database - 40.

Frequency / Hz	Switch Term Drift / dB	Directivity Drift / dB	Tracking Drift Mag / dB	Tracking Drift Phase /	Match Drift / dB	Isolation / dB
4,6420E+10	-64	-64	0,009584000	0,5165	-64	-77
4,6440E+10	-65	-65	0,009695000	0,5148	-65	-85
4,6460E+10	-65	-65	0,010410000	0,5157	-65	-73
4,6480E+10	-62	-62	0,008930000	0,5251	-62	-74
4,6500E+10	-60	-60	0,009650000	0,5237	-60	-78
4,6520E+10	-59	-59	0,010730000	0,5209	-59	-69
4,6540E+10	-58	-58	0,009533000	0,5288	-58	-90
4,6560E+10	-59	-59	0,012200000	0,5267	-59	-70
4,6580E+10	-60	-60	0,009880000	0,5239	-60	-74
4,6600E+10	-62	-62	0,010700000	0,5151	-62	-70
4,6620E+10	-64	-64	0,010080000	0,5178	-64	-69
4,6640E+10	-64	-64	0,010220000	0,5206	-64	-70
4,6660E+10	-62	-62	0,009149000	0,5114	-62	-72
4,6680E+10	-61	-61	0,009819000	0,5223	-61	-79
4,6700E+10	-59	-59	0,010190000	0,5186	-59	-72
4,6720E+10	-58	-58	0,009653000	0,5316	-58	-77
4,6740E+10	-58	-58	0,010200000	0,5273	-58	-72
4,6760E+10	-59	-59	0,010740000	0,5288	-59	-69
4,6780E+10	-60	-60	0,009792000	0,5356	-60	-69
4,6800E+10	-61	-61	0,010510000	0,5281	-61	-67
4,6820E+10	-62	-62	0,010380000	0,5262	-62	-69
4,6840E+10	-62	-62	0,010240000	0,5240	-62	-71
4,6860E+10	-62	-62	0,010350000	0,5212	-62	-72
4,6880E+10	-60	-60	0,009397000	0,5262	-60	-75
4,6900E+10	-58	-58	0,007746000	0,5298	-58	-82
4,6920E+10	-58	-58	0,009433000	0,5330	-58	-76
4,6940E+10	-58	-58	0,010790000	0,5259	-58	-70
4,6960E+10	-59	-59	0,010280000	0,5269	-59	-68
4,6980E+10	-60	-60	0,010790000	0,5284	-60	-66
4,7000E+10	-61	-61	0,010190000	0,5263	-61	-64
4,7020E+10	-63	-63	0,009210000	0,5324	-63	-64
4,7040E+10	-61	-61	0,009490000	0,5307	-61	-67
4,7060E+10	-59	-59	0,008475000	0,5295	-59	-75
4,7080E+10	-59	-59	0,009054000	0,5242	-59	-94
4,7100E+10	-58	-58	0,010870000	0,5304	-58	-95
4,7120E+10	-58	-58	0,010640000	0,5357	-58	-67
4,7140E+10	-59	-59	0,009048000	0,5462	-59	-69
4,7160E+10	-59	-59	0,010090000	0,5414	-59	-67
4,7180E+10	-61	-61	0,008311000	0,5478	-61	-65
4,7200E+10	-61	-61	0,009897000	0,5372	-61	-63
4,7220E+10	-61	-61	0,009944000	0,5350	-61	-66
4,7240E+10	-60	-60	0,009777000	0,5378	-60	-70
4,7260E+10	-60	-60	0,008940000	0,5500	-60	-72
4,7280E+10	-59	-59	0,009052000	0,5470	-59	-74
4,7300E+10	-59	-59	0,009629000	0,5361	-59	-73
4,7320E+10	-59	-59	0,008222000	0,5409	-59	-78
4,7340E+10	-59	-59	0,009820000	0,5424	-59	-72
4,7360E+10	-60	-60	0,011050000	0,5436	-60	-67
4,7380E+10	-61	-61	0,009558000	0,5515	-61	-67
4,7400E+10	-61	-61	0,010590000	0,5508	-61	-66
4,7420E+10	-62	-62	0,008785000	0,5534	-62	-65
4,7440E+10	-63	-63	0,008390000	0,5551	-63	-64
4,7460E+10	-61	-61	0,008816000	0,5514	-61	-66
4,7480E+10	-60	-60	0,008880000	0,5440	-60	-69
4,7500E+10	-60	-60	0,010400000	0,5450	-60	-70
4,7520E+10	-61	-61	0,011050000	0,5401	-61	-68
4,7540E+10	-61	-61	0,009827000	0,5445	-61	-68
4,7560E+10	-61	-61	0,008949000	0,5509	-61	-71

Table 60: Drift results as inserted into the `VNA Tools II` database - 41.

Frequency / Hz	Switch Term Drift / dB	Directivity Drift / dB	Tracking Drift Mag / dB	Tracking Drift Phase /	Match Drift / dB	Isolation / dB
4,7580E+10	-61	-61	0,009763000	0,5487	-61	-70
4,7600E+10	-62	-62	0,009870000	0,5389	-62	-67
4,7620E+10	-63	-63	0,009710000	0,5402	-63	-65
4,7640E+10	-62	-62	0,009162000	0,5492	-62	-65
4,7660E+10	-62	-62	0,008180000	0,5470	-62	-64
4,7680E+10	-63	-63	0,008755000	0,5467	-63	-63
4,7700E+10	-63	-63	0,008222000	0,5607	-63	-65
4,7720E+10	-62	-62	0,009330000	0,5487	-62	-69
4,7740E+10	-62	-62	0,008790000	0,5483	-62	-78
4,7760E+10	-61	-61	0,007911000	0,5575	-61	-82
4,7780E+10	-63	-63	0,008267000	0,5528	-63	-72
4,7800E+10	-62	-62	0,007813000	0,5600	-62	-71
4,7820E+10	-66	-66	0,007877000	0,5609	-66	-60
4,7840E+10	-64	-64	0,007918000	0,5542	-64	-64
4,7860E+10	-65	-65	0,007148000	0,5597	-65	-62
4,7880E+10	-64	-64	0,008401000	0,5552	-64	-64
4,7900E+10	-62	-62	0,008963000	0,5526	-62	-66
4,7920E+10	-61	-61	0,008525000	0,5584	-61	-68
4,7940E+10	-61	-61	0,008750000	0,5573	-61	-75
4,7960E+10	-61	-61	0,008673000	0,5587	-61	-81
4,7980E+10	-62	-62	0,006991000	0,5664	-62	-79
4,8000E+10	-63	-63	0,007602000	0,5595	-63	-67
4,8020E+10	-64	-64	0,007554000	0,5538	-64	-64
4,8040E+10	-64	-64	0,007790000	0,5594	-64	-64
4,8060E+10	-62	-62	0,007754000	0,5684	-62	-66
4,8080E+10	-62	-62	0,008622000	0,5605	-62	-63
4,8100E+10	-61	-61	0,007854000	0,5582	-61	-68
4,8120E+10	-61	-61	0,007962000	0,5481	-61	-67
4,8140E+10	-60	-60	0,010180000	0,5486	-60	-73
4,8160E+10	-62	-62	0,009906000	0,5472	-62	-70
4,8180E+10	-64	-64	0,010370000	0,5535	-64	-69
4,8200E+10	-67	-67	0,010030000	0,5612	-67	-66
4,8220E+10	-66	-66	0,009909000	0,5597	-66	-67
4,8240E+10	-66	-66	0,008908000	0,5602	-66	-65
4,8260E+10	-62	-62	0,008521000	0,5565	-62	-68
4,8280E+10	-61	-61	0,007136000	0,5559	-61	-68
4,8300E+10	-59	-59	0,006760000	0,5592	-59	-73
4,8320E+10	-57	-57	0,007182000	0,5616	-57	-81
4,8340E+10	-57	-57	0,007470000	0,5570	-57	-82
4,8360E+10	-59	-59	0,007981000	0,5501	-59	-149
4,8380E+10	-61	-61	0,007432000	0,5482	-61	-75
4,8400E+10	-63	-63	0,007546000	0,5488	-63	-70
4,8420E+10	-67	-67	0,010190000	0,5495	-67	-63
4,8440E+10	-64	-64	0,010640000	0,5605	-64	-63
4,8460E+10	-61	-61	0,009468000	0,5687	-61	-65
4,8480E+10	-56	-56	0,009364000	0,5824	-56	-74
4,8500E+10	-55	-55	0,009144000	0,5667	-55	-83
4,8520E+10	-55	-55	0,007942000	0,5684	-55	-89
4,8540E+10	-56	-56	0,006653000	0,5664	-56	-93
4,8560E+10	-58	-58	0,008059000	0,5559	-58	-81
4,8580E+10	-60	-60	0,008744000	0,5506	-60	-71
4,8600E+10	-62	-62	0,008622000	0,5605	-62	-69
4,8620E+10	-64	-64	0,009358000	0,5629	-64	-64
4,8640E+10	-61	-61	0,007909000	0,5668	-61	-68
4,8660E+10	-57	-57	0,007520000	0,5622	-57	-80
4,8680E+10	-57	-57	0,007286000	0,5586	-57	-76
4,8700E+10	-56	-56	0,007479000	0,5603	-56	-75
4,8720E+10	-55	-55	0,007580000	0,5581	-55	-85

Table 61: Drift results as inserted into the `VNA Tools II` database - 42.

Frequency / Hz	Switch Term Drift / dB	Directivity Drift / dB	Tracking Drift Mag / dB	Tracking Drift Phase /	Match Drift / dB	Isolation / dB
4,8740E+10	-55	-55	0,008037000	0,5567	-55	-77
4,8760E+10	-56	-56	0,008039000	0,5514	-56	-107
4,8780E+10	-58	-58	0,007661000	0,5613	-58	-71
4,8800E+10	-60	-60	0,008160000	0,5597	-60	-64
4,8820E+10	-59	-59	0,008998000	0,5584	-59	-64
4,8840E+10	-58	-58	0,008281000	0,5728	-58	-67
4,8860E+10	-56	-56	0,010170000	0,5718	-56	-71
4,8880E+10	-55	-55	0,010360000	0,5634	-55	-96
4,8900E+10	-53	-53	0,010040000	0,5755	-53	-69
4,8920E+10	-53	-53	0,008389000	0,5667	-53	-71
4,8940E+10	-54	-54	0,009014000	0,5614	-54	-76
4,8960E+10	-56	-56	0,009873000	0,5505	-56	-74
4,8980E+10	-57	-57	0,010680000	0,5464	-57	-69
4,9000E+10	-59	-59	0,010190000	0,5447	-59	-69
4,9020E+10	-58	-58	0,009505000	0,5518	-58	-75
4,9040E+10	-57	-57	0,009524000	0,5585	-57	-77
4,9060E+10	-55	-55	0,008989000	0,5658	-55	-74
4,9080E+10	-54	-54	0,009377000	0,5752	-54	-71
4,9100E+10	-54	-54	0,010100000	0,5681	-54	-75
4,9120E+10	-53	-53	0,012650000	0,5669	-53	-70
4,9140E+10	-54	-54	0,011490000	0,5645	-54	-81
4,9160E+10	-56	-56	0,010130000	0,5626	-56	-78
4,9180E+10	-58	-58	0,010660000	0,5560	-58	-68
4,9200E+10	-59	-59	0,010230000	0,5590	-59	-64
4,9220E+10	-58	-58	0,011020000	0,5593	-58	-68
4,9240E+10	-56	-56	0,011520000	0,5650	-56	-92
4,9260E+10	-55	-55	0,009826000	0,5739	-55	-93
4,9280E+10	-54	-54	0,009609000	0,5773	-54	-74
4,9300E+10	-52	-52	0,009515000	0,5718	-52	-68
4,9320E+10	-52	-52	0,008460000	0,5649	-52	-66
4,9340E+10	-54	-54	0,009789000	0,5604	-54	-73
4,9360E+10	-56	-56	0,009804000	0,5621	-56	-76
4,9380E+10	-57	-57	0,009584000	0,5643	-57	-69
4,9400E+10	-58	-58	0,011590000	0,5617	-58	-69
4,9420E+10	-58	-58	0,011440000	0,5549	-58	-70
4,9440E+10	-56	-56	0,012790000	0,5552	-56	-75
4,9460E+10	-54	-54	0,012580000	0,5639	-54	-73
4,9480E+10	-53	-53	0,010200000	0,5796	-53	-66
4,9500E+10	-53	-53	0,009901000	0,5840	-53	-66
4,9520E+10	-53	-53	0,008605000	0,5816	-53	-70
4,9540E+10	-54	-54	0,009007000	0,5792	-54	-74
4,9560E+10	-56	-56	0,008959000	0,5768	-56	-77
4,9580E+10	-57	-57	0,009456000	0,5729	-57	-86
4,9600E+10	-58	-58	0,010370000	0,5586	-58	-79
4,9620E+10	-57	-57	0,010790000	0,5581	-57	-76
4,9640E+10	-56	-56	0,009464000	0,5728	-56	-83
4,9660E+10	-55	-55	0,010390000	0,5658	-55	-73
4,9680E+10	-54	-54	0,010240000	0,5675	-54	-70
4,9700E+10	-54	-54	0,007529000	0,5812	-54	-66
4,9720E+10	-54	-54	0,007905000	0,5828	-54	-65
4,9740E+10	-56	-56	0,008751000	0,5719	-56	-68
4,9760E+10	-57	-57	0,008144000	0,5734	-57	-72
4,9780E+10	-58	-58	0,008500000	0,5673	-58	-78
4,9800E+10	-58	-58	0,007845000	0,5661	-58	-86
4,9820E+10	-57	-57	0,009229000	0,5590	-57	-80
4,9840E+10	-56	-56	0,009007000	0,5700	-56	-76
4,9860E+10	-55	-55	0,010110000	0,5717	-55	-70
4,9880E+10	-55	-55	0,011470000	0,5758	-55	-67

Table 62: Drift results as inserted into the `VNA Tools II` database - 43.

Frequency / Hz	Switch Term Drift / dB	Directivity Drift / dB	Tracking Drift Mag / dB	Tracking Drift Phase /	Match Drift / dB	Isolation / dB
4,9900E+10	-56	-56	0,010020000	0,5944	-56	-67
4,9920E+10	-57	-57	0,009790000	0,5880	-57	-70
4,9940E+10	-58	-58	0,007508000	0,5972	-58	-73
4,9960E+10	-58	-58	0,007295000	0,5869	-58	-69
4,9980E+10	-59	-59	0,006718000	0,5796	-59	-68
5,0000E+10	-59	-59	0,007777000	0,5707	-59	-72

Table 63: Drift results as inserted into the `VNA Tools II` database - 44.

C Matlab® codes used to analyze data

In the present section the Matlab® codes used to analyze the data are presented for completeness. If the code needs to be corrected in order to analyze data acquired in different sessions, only an example will be provided.

C.1 Noise analysis program

```
% VNA Error Model - Noise - Analysis
% Michael Wollensack METAS - 08.11.2011
%
% [data handles] = Analyze_Noise(dirname)

function [] = Analyze_Noise_3_ASUS(dirname, reverse)

asm = NET.addAssembly('C:\Program Files (x86)
    \Metas\Metas.Vna.Tools\Metas.Vna.Tools.exe');

disp(sprintf('\nVNA Error Model - Noise - Analysis'))

% Load and analyze data
disp(sprintf('\nLoad and analyze data ...'))
tic
files = dir([dirname '\*.sdatb']);
filenames = {files.name};
n_freq = numel(filenames);

data.f = zeros(n_freq, 1);

data.nh_mag_lin = zeros(n_freq, 1);
data.nh_mag_log = zeros(n_freq, 1);
data.nh_phase = zeros(n_freq, 1);

data.nl_re = zeros(n_freq, 1);
data.nl_im = zeros(n_freq, 1);
data.nl_mag_lin = zeros(n_freq, 1);
data.nl_mag_log = zeros(n_freq, 1);

for i1 = 1:n_freq
    info = sscanf(filenames{i1}, '%f.sdatb');
    data.f(i1) = info(1);
        temp = LoadSParamData([dirname '\' filenames{i1}]);
```

```
    n2 = temp.Frequency;
    s11 = zeros(length(n2), 1);
    s21 = zeros(length(n2), 1);
        for i2 = 1:length(n2)
        if (reverse)
            s11(i2) = real(temp.Data(i2, 2, 2))+
                1i * imag(temp.Data(i2, 2, 2));
            s21(i2) = real(temp.Data(i2, 1, 2)) +
                1i * imag(temp.Data(i2, 1, 2));
        else

            s11(i2) = real(temp.Data(i2, 1, 1)) +
                1i * imag(temp.Data(i2, 1, 1));
            s21(i2) = real(temp.Data(i2, 2, 1)) +
                1i * imag(temp.Data(i2, 2, 1));

        end
    end
    nh = s11./mean(s11);
    data.nh_mag_lin(i1) = std(abs(nh));
    data.nh_mag_log(i1) = std(20*log10(abs(nh)));
    data.nh_phase(i1) = std(angle(nh))*180/pi;
    nl = s21 - mean(s21);
    data.nl_re(i1) = std(real(nl));
    data.nl_im(i1) = std(real(nl));
    data.nl_mag_lin(i1) = mean(abs(nl));
    data.nl_mag_log(i1) = mean(20.*log10(abs(nl)));

    disp(sprintf('i1 = %.0f, \tFrequency = %.0f ',
        i1, data.f(i1)))

end
clear i1;
toc

% Plots
disp(sprintf('\nPlots ...'))
tic

figure;
plot((data.f).*1e-6, data.nl_mag_log);
grid on;
xlabel('Frequency (MHz)');
ylabel('Nl Mag (< dB)');
```

```
figure;
plot((data.f).*1e-6, data.nh_mag_log);
grid on;
xlabel('Frequency (MHz)');
ylabel('Nh Mag (< dB rms)');

figure;
plot((data.f).*1e-6, data.nh_phase);
grid on;
xlabel('Frequency (MHz)');
ylabel('Nh Phase (<  rms)');

toc

% Save results
disp(sprintf('\nSave results ...'))
tic
fdata = [data.f data.nl_mag_log data.nh_mag_log
    data.nh_phase].';
fname = [dirname '\out\' 'Noise.txt'];
mkdir([dirname '\out']);
fid = fopen(fname, 'w');
fprintf(fid,'%.0f\t%.0f\t%.5f\t%.5f\r\n', fdata);
fclose(fid);
toc
end
```

C.2 Linearity analysis program

For the linearity data analysis, a Microsoft Excel®spreadsheet has been used that is not presented here.

C.3 Drift analysis program

```
clear all
close all
clc
format long g
meas1 = LoadSParamData([pwd '\' 'PNA\Drift_20141127
    \SOLT_01\DUTs\Thru_01_20141127_1334.sdatb']);
        %%% Load S-Parameter file
S11_01=meas1.Data(:,1,1);
S11_01 = S11_01(:);
S12_01=meas1.Data(:,1,2);
S12_01 = S12_01(:);
S21_01=meas1.Data(:,2,1);
S21_01 = S21_01(:);
S22_01=meas1.Data(:,2,2);
S22_01 = S22_01(:);
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
f=meas1.Frequency; %%% Frequency range
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
meas2 = LoadSParamData([pwd '\' 'PNA\Drift_20141127
    \SOLT_01\DUTs\Thru_01_20141127_1429.sdatb']);
        %%% Load S-Parameter file
S11_02=meas2.Data(:,1,1);
S11_02 = S11_02(:);
S12_02=meas2.Data(:,1,2);
S12_02 = S12_02(:);
S21_02=meas2.Data(:,2,1);
S21_02 = S21_02(:);
S22_02=meas2.Data(:,2,2);
S22_02 = S22_02(:);
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
refl_drift=20.*log10(abs(S11_02)-abs(S11_01));
    %%% Reflection Drift
h1=figure;
plot((f.*1e-6),refl_drift);
xlabel('Frequency/MHz');
ylabel('Reflection Drift (dB)');
```

```
title('Reflection Drift');
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
disp('Frequency Switch Term Drift (dB)
    Directivity Drift(dB) Match Drift (dB)');
disp([f' get_value(refl_drift) get_value(refl_drift)
    get_value(refl_drift)]);
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
trans_drift_mag=abs(20.*log10(abs(S21_02))-20
    .*log10(abs(S21_01)));
        %%% Transmission Drift Magnitude in dB
S21_01_ph=(180/pi).*(atan2(get_value(real(S21_01)),
    get_value(imag(S21_01))));
        %%% First Measurement S21 Phase in deg
S21_02_ph=(180/pi).*(atan2(get_value(real(S21_02)),
    get_value(imag(S21_02))));
        %%% Second Measurement S21 Phase in deg
trans_drift_ph=S21_02_ph-S21_01_ph;
    %%% Transmission Drift Phase in deg
h2=figure;
plot((f.*1e-6),trans_drift_mag);
xlabel('Frequency/MHz');
ylabel('Tracking Drift (dB)');
title('Tracking Drift');
h3=figure;
%zoom on;
plot((f.*1e-6),trans_drift_ph);
xlabel('Frequency/MHz');
ylabel('Tracking Drift (deg)');
title('Tracking Drift');
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
disp('Frequency Tracking Drift (dB)
    Tracking Drift(deg)');
disp([f' get_value(trans_drift_mag) trans_drift_ph]);
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
isol_01=abs(S11_01)-abs(S22_01);
    %%% Isolation for file 01
isol_02=abs(S11_02)-abs(S22_02);
    %%% Isolation for file 02
isol_drift=20.*log10(isol_02-isol_01);
    %%% Isolation Drift
h4=figure;
plot((f.*1e-6),isol_drift);
xlabel('Frequency/MHz');
ylabel('Isolation Drift (dB)');
```

```
title('Isolation Drift');
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
%%%%%%%%%%  Saving results to file
C= ['Frequency Reflection_Drift Transmission_Drift_Mag
    Transmission_Drift_Phase Isolation']; % File header
W=[f',real(get_value(refl_drift)),
    real(get_value(trans_drift_mag)),
        real(trans_drift_ph),
            real(get_value(isol_drift))];
                %%% File Contents
filetowrite=[pwd,'\PNA\Drift_20141127\Risultati
    \Drift_final_PNA_1h.txt'];
        %%% File to write the drift results
dlmwrite(filetowrite,C,'');
    %%% Writing header on a ouput file
dlmwrite(filetowrite,W,'-append','delimiter','\t',
    'precision', 4);
        %%% Writing results on a ouput file
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
```

D `VNA Tools II` Journals used for the characterization measurements

In this appendix all the `VNA Tools II` Journals used for the measurements are presented.

D.1 Noise Journals

2014.10.21 15:01:20	VNA Settings	VNA Device: Agilent_PNA_E8364C
		Sweep Mode: SegmentSweep, Sweep Time: 89,244e+00 s, Dwell Time: 0,000e+00 s, IF Average Factor: 1
		Start Freq: 10,000e+06 Hz, Stop Freq: 100,000e+06 Hz, Step Freq: 10,000e+06 Hz, IF Bandwidth: 10,000e+00 Hz
		Start Freq: 150,000e+06 Hz, Stop Freq: 50,000e+09 Hz, Step Freq: 50,000e+06 Hz, IF Bandwidth: 10,000e+00 Hz
		System Z0: 50,000e+00 Ohm
		Source 1 Power: -17,000 dBm, Source 1 Slope: 0,000 dB/GHz
		Source 2 Power: -17,000 dBm, Source 2 Slope: 0,000 dB/GHz
		Port 1 Attenuator: 0 dB, Port 1 Extension: 0,000e+00 s
		Port 2 Attenuator: 0 dB, Port 2 Extension: 0,000e+00 s
2014.10.21 15:07:03	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1
		Measurement Path: Measurements_01\000010000000.sdatb
2014.10.21 15:09:26	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 2
		Measurement Path: Measurements_01\000020000000.sdatb
2014.10.21 15:11:48	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 3
		Measurement Path: Measurements_01\000030000000.sdatb
2014.10.21 15:14:11	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 4
		Measurement Path: Measurements_01\000040000000.sdatb
2014.10.21 15:16:33	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 5
		Measurement Path: Measurements_01\000050000000.sdatb
2014.10.21 15:18:56	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 6
		Measurement Path: Measurements_01\000060000000.sdatb
2014.10.21 15:21:18	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 7
		Measurement Path: Measurements_01\000070000000.sdatb
2014.10.21 15:23:41	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 8
		Measurement Path: Measurements_01\000080000000.sdatb
2014.10.21 15:26:03	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 9
		Measurement Path: Measurements_01\000090000000.sdatb
2014.10.21 15:28:26	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 10
		Measurement Path: Measurements_01\000100000000.sdatb
2014.10.21 15:30:48	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 11
		Measurement Path: Measurements_01\000150000000.sdatb
2014.10.21 15:33:11	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 12
		Measurement Path: Measurements_01\000200000000.sdatb
2014.10.21 15:35:33	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 13
		Measurement Path: Measurements_01\000250000000.sdatb
2014.10.21 15:37:56	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 14
		Measurement Path: Measurements_01\000300000000.sdatb
2014.10.21 15:40:18	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 15
		Measurement Path: Measurements_01\000350000000.sdatb

Figure 18: Journal used for the PNA E8364C Noise measurements - 1.

2014.10.21 15:42:40	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 16
		Measurement Path: Measurements_01\000400000000.sdatb
2014.10.21 15:45:03	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 17
		Measurement Path: Measurements_01\000450000000.sdatb
2014.10.21 15:47:25	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 18
		Measurement Path: Measurements_01\000500000000.sdatb
2014.10.21 15:49:48	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 19
		Measurement Path: Measurements_01\000550000000.sdatb
2014.10.21 15:52:10	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 20
		Measurement Path: Measurements_01\000600000000.sdatb
2014.10.21 15:54:33	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 21
		Measurement Path: Measurements_01\000650000000.sdatb
2014.10.21 15:56:55	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 22
		Measurement Path: Measurements_01\000700000000.sdatb
2014.10.21 15:59:18	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 23
		Measurement Path: Measurements_01\000750000000.sdatb
2014.10.21 16:01:40	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 24
		Measurement Path: Measurements_01\000800000000.sdatb
2014.10.21 16:04:03	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 25
		Measurement Path: Measurements_01\000850000000.sdatb
2014.10.21 16:06:25	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 26
		Measurement Path: Measurements_01\000900000000.sdatb
2014.10.21 16:08:48	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 27
		Measurement Path: Measurements_01\000950000000.sdatb
2014.10.21 16:11:10	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 28
		Measurement Path: Measurements_01\001000000000.sdatb
2014.10.21 16:13:33	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 29
		Measurement Path: Measurements_01\001050000000.sdatb
2014.10.21 16:15:55	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 30
		Measurement Path: Measurements_01\001100000000.sdatb
2014.10.21 16:18:17	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 31
		Measurement Path: Measurements_01\001150000000.sdatb
2014.10.21 16:20:40	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 32
		Measurement Path: Measurements_01\001200000000.sdatb
2014.10.21 16:23:02	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 33
		Measurement Path: Measurements_01\001250000000.sdatb
2014.10.21 16:25:25	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 34
		Measurement Path: Measurements_01\001300000000.sdatb
2014.10.21 16:27:47	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 35
		Measurement Path: Measurements_01\001350000000.sdatb
2014.10.21 16:30:10	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 36
		Measurement Path: Measurements_01\001400000000.sdatb

Figure 19: Journal used for the PNA E8364C Noise measurements - 2.

2014.10.21 16:34:55	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 38
		Measurement Path: Measurements_01\001500000000.sdatb
2014.10.21 16:37:17	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 39
		Measurement Path: Measurements_01\001550000000.sdatb
2014.10.21 16:39:40	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 40
		Measurement Path: Measurements_01\001600000000.sdatb
2014.10.21 16:42:02	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 41
		Measurement Path: Measurements_01\001650000000.sdatb
2014.10.21 16:44:25	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 42
		Measurement Path: Measurements_01\001700000000.sdatb
2014.10.21 16:46:47	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 43
		Measurement Path: Measurements_01\001750000000.sdatb
2014.10.21 16:49:09	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 44
		Measurement Path: Measurements_01\001800000000.sdatb
2014.10.21 16:51:32	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 45
		Measurement Path: Measurements_01\001850000000.sdatb
2014.10.21 16:53:54	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 46
		Measurement Path: Measurements_01\001900000000.sdatb
2014.10.21 16:56:17	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 47
		Measurement Path: Measurements_01\001950000000.sdatb
2014.10.21 16:58:39	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 48
		Measurement Path: Measurements_01\002000000000.sdatb
2014.10.21 17:01:02	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 49
		Measurement Path: Measurements_01\002050000000.sdatb
2014.10.21 17:03:24	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 50
		Measurement Path: Measurements_01\002100000000.sdatb
2014.10.21 17:05:47	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 51
		Measurement Path: Measurements_01\002150000000.sdatb
2014.10.21 17:08:09	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 52
		Measurement Path: Measurements_01\002200000000.sdatb
2014.10.21 17:10:32	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 53
		Measurement Path: Measurements_01\002250000000.sdatb
2014.10.21 17:12:54	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 54
		Measurement Path: Measurements_01\002300000000.sdatb
2014.10.21 17:15:17	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 55
		Measurement Path: Measurements_01\002350000000.sdatb
2014.10.21 17:17:39	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 56
		Measurement Path: Measurements_01\002400000000.sdatb
2014.10.21 17:20:02	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 57
		Measurement Path: Measurements_01\002450000000.sdatb
2014.10.21 17:22:24	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 58
		Measurement Path: Measurements_01\002500000000.sdatb

Figure 20: Journal used for the PNA E8364C Noise measurements - 3.

2014.10.21 17:24:47	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 59
		Measurement Path: Measurements_01\002550000000.sdatb
2014.10.21 17:27:09	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 60
		Measurement Path: Measurements_01\002600000000.sdatb
2014.10.21 17:29:32	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 61
		Measurement Path: Measurements_01\002650000000.sdatb
2014.10.21 17:31:54	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 62
		Measurement Path: Measurements_01\002700000000.sdatb
2014.10.21 17:34:16	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 63
		Measurement Path: Measurements_01\002750000000.sdatb
2014.10.21 17:36:39	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 64
		Measurement Path: Measurements_01\002800000000.sdatb
2014.10.21 17:39:01	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 65
		Measurement Path: Measurements_01\002850000000.sdatb
2014.10.21 17:41:24	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 66
		Measurement Path: Measurements_01\002900000000.sdatb
2014.10.21 17:43:46	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 67
		Measurement Path: Measurements_01\002950000000.sdatb
2014.10.21 17:46:09	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 68
		Measurement Path: Measurements_01\003000000000.sdatb
2014.10.21 17:48:31	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 69
		Measurement Path: Measurements_01\003050000000.sdatb
2014.10.21 17:50:54	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 70
		Measurement Path: Measurements_01\003100000000.sdatb
2014.10.21 17:53:16	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 71
		Measurement Path: Measurements_01\003150000000.sdatb
2014.10.21 17:55:39	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 72
		Measurement Path: Measurements_01\003200000000.sdatb
2014.10.21 17:58:01	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 73
		Measurement Path: Measurements_01\003250000000.sdatb
2014.10.21 18:00:24	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 74
		Measurement Path: Measurements_01\003300000000.sdatb
2014.10.21 18:02:46	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 75
		Measurement Path: Measurements_01\003350000000.sdatb
2014.10.21 18:05:09	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 76
		Measurement Path: Measurements_01\003400000000.sdatb
2014.10.21 18:07:31	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 77
		Measurement Path: Measurements_01\003450000000.sdatb
2014.10.21 18:09:54	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 78
		Measurement Path: Measurements_01\003500000000.sdatb
2014.10.21 18:12:16	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 79
		Measurement Path: Measurements_01\003550000000.sdatb

Figure 21: Journal used for the PNA E8364C Noise measurements - 4.

2014.10.21 18:14:39	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 80
		Measurement Path: Measurements_01\003600000000.sdatb
2014.10.21 18:17:01	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 81
		Measurement Path: Measurements_01\003650000000.sdatb
2014.10.21 18:19:23	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 82
		Measurement Path: Measurements_01\003700000000.sdatb
2014.10.21 18:21:46	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 83
		Measurement Path: Measurements_01\003750000000.sdatb
2014.10.21 18:24:08	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 84
		Measurement Path: Measurements_01\003800000000.sdatb
2014.10.21 18:26:31	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 85
		Measurement Path: Measurements_01\003850000000.sdatb
2014.10.21 18:28:53	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 86
		Measurement Path: Measurements_01\003900000000.sdatb
2014.10.21 18:31:16	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 87
		Measurement Path: Measurements_01\003950000000.sdatb
2014.10.21 18:33:38	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 88
		Measurement Path: Measurements_01\004000000000.sdatb
2014.10.21 18:36:01	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 89
		Measurement Path: Measurements_01\004050000000.sdatb
2014.10.21 18:38:23	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 90
		Measurement Path: Measurements_01\004100000000.sdatb
2014.10.21 18:40:46	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 91
		Measurement Path: Measurements_01\004150000000.sdatb
2014.10.21 18:43:08	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 92
		Measurement Path: Measurements_01\004200000000.sdatb
2014.10.21 18:45:31	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 93
		Measurement Path: Measurements_01\004250000000.sdatb
2014.10.21 18:47:53	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 94
		Measurement Path: Measurements_01\004300000000.sdatb
2014.10.21 18:50:16	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 95
		Measurement Path: Measurements_01\004350000000.sdatb
2014.10.21 18:52:38	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 96
		Measurement Path: Measurements_01\004400000000.sdatb
2014.10.21 18:55:00	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 97
		Measurement Path: Measurements_01\004450000000.sdatb
2014.10.21 18:57:23	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 98
		Measurement Path: Measurements_01\004500000000.sdatb
2014.10.21 18:59:45	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 99
		Measurement Path: Measurements_01\004550000000.sdatb
2014.10.21 19:02:08	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 100
		Measurement Path: Measurements_01\004600000000.sdatb

Figure 22: Journal used for the PNA E8364C Noise measurements - 5.

2014.10.21 19:04:30	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 101
		Measurement Path: Measurements_01\004650000000.sdatb
2014.10.21 19:06:53	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 102
		Measurement Path: Measurements_01\004700000000.sdatb
2014.10.21 19:09:15	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 103
		Measurement Path: Measurements_01\004750000000.sdatb
2014.10.21 19:11:38	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 104
		Measurement Path: Measurements_01\004800000000.sdatb
2014.10.21 19:14:00	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 105
		Measurement Path: Measurements_01\004850000000.sdatb
2014.10.21 19:16:23	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 106
		Measurement Path: Measurements_01\004900000000.sdatb
2014.10.21 19:18:45	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 107
		Measurement Path: Measurements_01\004950000000.sdatb
2014.10.21 19:21:08	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 108
		Measurement Path: Measurements_01\005000000000.sdatb
2014.10.21 19:23:30	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 109
		Measurement Path: Measurements_01\005050000000.sdatb
2014.10.21 19:25:53	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 110
		Measurement Path: Measurements_01\005100000000.sdatb
2014.10.21 19:28:15	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 111
		Measurement Path: Measurements_01\005150000000.sdatb
2014.10.21 19:30:38	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 112
		Measurement Path: Measurements_01\005200000000.sdatb
2014.10.21 19:33:00	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 113
		Measurement Path: Measurements_01\005250000000.sdatb
2014.10.21 19:35:23	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 114
		Measurement Path: Measurements_01\005300000000.sdatb
2014.10.21 19:37:45	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 115
		Measurement Path: Measurements_01\005350000000.sdatb
2014.10.21 19:40:08	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 116
		Measurement Path: Measurements_01\005400000000.sdatb
2014.10.21 19:42:30	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 117
		Measurement Path: Measurements_01\005450000000.sdatb
2014.10.21 19:44:53	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 118
		Measurement Path: Measurements_01\005500000000.sdatb
2014.10.21 19:47:15	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 119
		Measurement Path: Measurements_01\005550000000.sdatb
2014.10.21 19:49:38	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 120
		Measurement Path: Measurements_01\005600000000.sdatb
2014.10.21 19:52:00	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 121
		Measurement Path: Measurements_01\005650000000.sdatb

Figure 23: Journal used for the PNA E8364C Noise measurements - 6.

2014.10.21 19:54:22	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 122
		Measurement Path: Measurements_01\005700000000.sdatb
2014.10.21 19:56:45	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 123
		Measurement Path: Measurements_01\005750000000.sdatb
2014.10.21 19:59:07	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 124
		Measurement Path: Measurements_01\005800000000.sdatb
2014.10.21 20:01:30	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 125
		Measurement Path: Measurements_01\005850000000.sdatb
2014.10.21 20:03:52	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 126
		Measurement Path: Measurements_01\005900000000.sdatb
2014.10.21 20:06:15	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 127
		Measurement Path: Measurements_01\005950000000.sdatb
2014.10.21 20:08:37	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 128
		Measurement Path: Measurements_01\006000000000.sdatb
2014.10.21 20:11:00	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 129
		Measurement Path: Measurements_01\006050000000.sdatb
2014.10.21 20:13:22	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 130
		Measurement Path: Measurements_01\006100000000.sdatb
2014.10.21 20:15:45	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 131
		Measurement Path: Measurements_01\006150000000.sdatb
2014.10.21 20:18:07	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 132
		Measurement Path: Measurements_01\006200000000.sdatb
2014.10.21 20:20:30	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 133
		Measurement Path: Measurements_01\006250000000.sdatb
2014.10.21 20:22:52	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 134
		Measurement Path: Measurements_01\006300000000.sdatb
2014.10.21 20:25:15	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 135
		Measurement Path: Measurements_01\006350000000.sdatb
2014.10.21 20:27:37	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 136
		Measurement Path: Measurements_01\006400000000.sdatb
2014.10.21 20:30:00	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 137
		Measurement Path: Measurements_01\006450000000.sdatb
2014.10.21 20:32:22	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 138
		Measurement Path: Measurements_01\006500000000.sdatb
2014.10.21 20:34:44	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 139
		Measurement Path: Measurements_01\006550000000.sdatb
2014.10.21 20:37:07	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 140
		Measurement Path: Measurements_01\006600000000.sdatb
2014.10.21 20:39:29	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 141
		Measurement Path: Measurements_01\006650000000.sdatb
2014.10.21 20:41:52	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 142
		Measurement Path: Measurements_01\006700000000.sdatb

Figure 24: Journal used for the PNA E8364C Noise measurements - 7.

2014.10.21 20:44:14	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 143
		Measurement Path: Measurements_01\006750000000.sdatb
2014.10.21 20:46:37	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 144
		Measurement Path: Measurements_01\006800000000.sdatb
2014.10.21 20:48:59	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 145
		Measurement Path: Measurements_01\006850000000.sdatb
2014.10.21 20:51:22	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 146
		Measurement Path: Measurements_01\006900000000.sdatb
2014.10.21 20:53:44	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 147
		Measurement Path: Measurements_01\006950000000.sdatb
2014.10.21 20:56:07	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 148
		Measurement Path: Measurements_01\007000000000.sdatb
2014.10.21 20:58:29	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 149
		Measurement Path: Measurements_01\007050000000.sdatb
2014.10.21 21:00:52	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 150
		Measurement Path: Measurements_01\007100000000.sdatb
2014.10.21 21:03:14	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 151
		Measurement Path: Measurements_01\007150000000.sdatb
2014.10.21 21:05:37	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 152
		Measurement Path: Measurements_01\007200000000.sdatb
2014.10.21 21:07:59	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 153
		Measurement Path: Measurements_01\007250000000.sdatb
2014.10.21 21:10:21	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 154
		Measurement Path: Measurements_01\007300000000.sdatb
2014.10.21 21:12:44	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 155
		Measurement Path: Measurements_01\007350000000.sdatb
2014.10.21 21:15:06	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 156
		Measurement Path: Measurements_01\007400000000.sdatb
2014.10.21 21:17:29	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 157
		Measurement Path: Measurements_01\007450000000.sdatb
2014.10.21 21:19:51	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 158
		Measurement Path: Measurements_01\007500000000.sdatb
2014.10.21 21:22:14	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 159
		Measurement Path: Measurements_01\007550000000.sdatb
2014.10.21 21:24:36	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 160
		Measurement Path: Measurements_01\007600000000.sdatb
2014.10.21 21:26:59	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 161
		Measurement Path: Measurements_01\007650000000.sdatb
2014.10.21 21:29:21	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 162
		Measurement Path: Measurements_01\007700000000.sdatb
2014.10.21 21:31:44	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 163
		Measurement Path: Measurements_01\007750000000.sdatb

Figure 25: Journal used for the PNA E8364C Noise measurements - 8.

2014.10.21 21:34:06	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 164
		Measurement Path: Measurements_01\007800000000.sdatb
2014.10.21 21:36:29	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 165
		Measurement Path: Measurements_01\007850000000.sdatb
2014.10.21 21:38:51	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 166
		Measurement Path: Measurements_01\007900000000.sdatb
2014.10.21 21:41:13	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 167
		Measurement Path: Measurements_01\007950000000.sdatb
2014.10.21 21:43:36	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 168
		Measurement Path: Measurements_01\008000000000.sdatb
2014.10.21 21:45:58	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 169
		Measurement Path: Measurements_01\008050000000.sdatb
2014.10.21 21:48:21	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 170
		Measurement Path: Measurements_01\008100000000.sdatb
2014.10.21 21:50:43	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 171
		Measurement Path: Measurements_01\008150000000.sdatb
2014.10.21 21:53:06	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 172
		Measurement Path: Measurements_01\008200000000.sdatb
2014.10.21 21:55:28	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 173
		Measurement Path: Measurements_01\008250000000.sdatb
2014.10.21 21:57:51	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 174
		Measurement Path: Measurements_01\008300000000.sdatb
2014.10.21 22:00:13	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 175
		Measurement Path: Measurements_01\008350000000.sdatb
2014.10.21 22:02:36	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 176
		Measurement Path: Measurements_01\008400000000.sdatb
2014.10.21 22:04:58	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 177
		Measurement Path: Measurements_01\008450000000.sdatb
2014.10.21 22:07:21	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 178
		Measurement Path: Measurements_01\008500000000.sdatb
2014.10.21 22:09:43	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 179
		Measurement Path: Measurements_01\008550000000.sdatb
2014.10.21 22:12:06	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 180
		Measurement Path: Measurements_01\008600000000.sdatb
2014.10.21 22:14:28	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 181
		Measurement Path: Measurements_01\008650000000.sdatb
2014.10.21 22:16:50	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 182
		Measurement Path: Measurements_01\008700000000.sdatb
2014.10.21 22:19:13	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 183
		Measurement Path: Measurements_01\008750000000.sdatb
2014.10.21 22:21:35	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 184
		Measurement Path: Measurements_01\008800000000.sdatb

Figure 26: Journal used for the PNA E8364C Noise measurements - 9.

2014.10.21 22:23:58	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 185
		Measurement Path: Measurements_01\008850000000.sdatb
2014.10.21 22:26:20	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 186
		Measurement Path: Measurements_01\008900000000.sdatb
2014.10.21 22:28:43	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 187
		Measurement Path: Measurements_01\008950000000.sdatb
2014.10.21 22:31:05	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 188
		Measurement Path: Measurements_01\009000000000.sdatb
2014.10.21 22:33:28	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 189
		Measurement Path: Measurements_01\009050000000.sdatb
2014.10.21 22:35:50	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 190
		Measurement Path: Measurements_01\009100000000.sdatb
2014.10.21 22:38:13	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 191
		Measurement Path: Measurements_01\009150000000.sdatb
2014.10.21 22:40:35	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 192
		Measurement Path: Measurements_01\009200000000.sdatb
2014.10.21 22:42:58	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 193
		Measurement Path: Measurements_01\009250000000.sdatb
2014.10.21 22:45:20	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 194
		Measurement Path: Measurements_01\009300000000.sdatb
2014.10.21 22:47:43	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 195
		Measurement Path: Measurements_01\009350000000.sdatb
2014.10.21 22:50:05	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 196
		Measurement Path: Measurements_01\009400000000.sdatb
2014.10.21 22:52:28	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 197
		Measurement Path: Measurements_01\009450000000.sdatb
2014.10.21 22:54:50	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 198
		Measurement Path: Measurements_01\009500000000.sdatb
2014.10.21 22:57:13	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 199
		Measurement Path: Measurements_01\009550000000.sdatb
2014.10.21 22:59:35	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 200
		Measurement Path: Measurements_01\009600000000.sdatb
2014.10.21 23:01:58	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 201
		Measurement Path: Measurements_01\009650000000.sdatb
2014.10.21 23:04:20	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 202
		Measurement Path: Measurements_01\009700000000.sdatb
2014.10.21 23:06:42	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 203
		Measurement Path: Measurements_01\009750000000.sdatb
2014.10.21 23:09:05	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 204
		Measurement Path: Measurements_01\009800000000.sdatb
2014.10.21 23:11:27	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 205
		Measurement Path: Measurements_01\009850000000.sdatb

Figure 27: Journal used for the PNA E8364C Noise measurements - 10.

2014.10.21 23:13:50	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 206
		Measurement Path: Measurements_01\009900000000.sdatb
2014.10.21 23:16:12	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 207
		Measurement Path: Measurements_01\009950000000.sdatb
2014.10.21 23:18:35	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 208
		Measurement Path: Measurements_01\010000000000.sdatb
2014.10.21 23:20:57	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 209
		Measurement Path: Measurements_01\010050000000.sdatb
2014.10.21 23:23:20	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 210
		Measurement Path: Measurements_01\010100000000.sdatb
2014.10.21 23:25:42	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 211
		Measurement Path: Measurements_01\010150000000.sdatb
2014.10.21 23:28:05	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 212
		Measurement Path: Measurements_01\010200000000.sdatb
2014.10.21 23:30:27	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 213
		Measurement Path: Measurements_01\010250000000.sdatb
2014.10.21 23:32:50	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 214
		Measurement Path: Measurements_01\010300000000.sdatb
2014.10.21 23:35:12	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 215
		Measurement Path: Measurements_01\010350000000.sdatb
2014.10.21 23:37:35	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 216
		Measurement Path: Measurements_01\010400000000.sdatb
2014.10.21 23:39:57	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 217
		Measurement Path: Measurements_01\010450000000.sdatb
2014.10.21 23:42:19	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 218
		Measurement Path: Measurements_01\010500000000.sdatb
2014.10.21 23:44:42	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 219
		Measurement Path: Measurements_01\010550000000.sdatb
2014.10.21 23:47:04	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 220
		Measurement Path: Measurements_01\010600000000.sdatb
2014.10.21 23:49:27	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 221
		Measurement Path: Measurements_01\010650000000.sdatb
2014.10.21 23:51:49	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 222
		Measurement Path: Measurements_01\010700000000.sdatb
2014.10.21 23:54:12	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 223
		Measurement Path: Measurements_01\010750000000.sdatb
2014.10.21 23:56:34	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 224
		Measurement Path: Measurements_01\010800000000.sdatb
2014.10.21 23:58:57	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 225
		Measurement Path: Measurements_01\010850000000.sdatb
2014.10.22 00:01:19	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 226
		Measurement Path: Measurements_01\010900000000.sdatb

Figure 28: Journal used for the PNA E8364C Noise measurements - 11.

2014.10.22 00:03:42	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 227
		Measurement Path: Measurements_01\010950000000.sdatb
2014.10.22 00:06:04	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 228
		Measurement Path: Measurements_01\011000000000.sdatb
2014.10.22 00:08:27	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 229
		Measurement Path: Measurements_01\011050000000.sdatb
2014.10.22 00:10:49	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 230
		Measurement Path: Measurements_01\011100000000.sdatb
2014.10.22 00:13:12	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 231
		Measurement Path: Measurements_01\011150000000.sdatb
2014.10.22 00:15:34	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 232
		Measurement Path: Measurements_01\011200000000.sdatb
2014.10.22 00:17:57	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 233
		Measurement Path: Measurements_01\011250000000.sdatb
2014.10.22 00:20:19	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 234
		Measurement Path: Measurements_01\011300000000.sdatb
2014.10.22 00:22:42	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 235
		Measurement Path: Measurements_01\011350000000.sdatb
2014.10.22 00:25:04	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 236
		Measurement Path: Measurements_01\011400000000.sdatb
2014.10.22 00:27:26	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 237
		Measurement Path: Measurements_01\011450000000.sdatb
2014.10.22 00:29:49	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 238
		Measurement Path: Measurements_01\011500000000.sdatb
2014.10.22 00:32:11	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 239
		Measurement Path: Measurements_01\011550000000.sdatb
2014.10.22 00:34:34	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 240
		Measurement Path: Measurements_01\011600000000.sdatb
2014.10.22 00:36:56	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 241
		Measurement Path: Measurements_01\011650000000.sdatb
2014.10.22 00:39:19	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 242
		Measurement Path: Measurements_01\011700000000.sdatb
2014.10.22 00:41:41	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 243
		Measurement Path: Measurements_01\011750000000.sdatb
2014.10.22 00:44:04	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 244
		Measurement Path: Measurements_01\011800000000.sdatb
2014.10.22 00:46:26	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 245
		Measurement Path: Measurements_01\011850000000.sdatb
2014.10.22 00:48:49	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 246
		Measurement Path: Measurements_01\011900000000.sdatb
2014.10.22 00:51:11	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 247
		Measurement Path: Measurements_01\011950000000.sdatb

Figure 29: Journal used for the PNA E8364C Noise measurements - 12.

2014.10.22 00:53:34	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 248
		Measurement Path: Measurements_01\012000000000.sdatb
2014.10.22 00:55:56	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 249
		Measurement Path: Measurements_01\012050000000.sdatb
2014.10.22 00:58:19	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 250
		Measurement Path: Measurements_01\012100000000.sdatb
2014.10.22 01:00:41	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 251
		Measurement Path: Measurements_01\012150000000.sdatb
2014.10.22 01:03:04	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 252
		Measurement Path: Measurements_01\012200000000.sdatb
2014.10.22 01:05:26	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 253
		Measurement Path: Measurements_01\012250000000.sdatb
2014.10.22 01:07:49	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 254
		Measurement Path: Measurements_01\012300000000.sdatb
2014.10.22 01:10:11	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 255
		Measurement Path: Measurements_01\012350000000.sdatb
2014.10.22 01:12:34	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 256
		Measurement Path: Measurements_01\012400000000.sdatb
2014.10.22 01:14:56	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 257
		Measurement Path: Measurements_01\012450000000.sdatb
2014.10.22 01:17:19	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 258
		Measurement Path: Measurements_01\012500000000.sdatb
2014.10.22 01:19:41	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 259
		Measurement Path: Measurements_01\012550000000.sdatb
2014.10.22 01:22:04	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 260
		Measurement Path: Measurements_01\012600000000.sdatb
2014.10.22 01:24:26	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 261
		Measurement Path: Measurements_01\012650000000.sdatb
2014.10.22 01:26:48	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 262
		Measurement Path: Measurements_01\012700000000.sdatb
2014.10.22 01:29:11	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 263
		Measurement Path: Measurements_01\012750000000.sdatb
2014.10.22 01:31:33	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 264
		Measurement Path: Measurements_01\012800000000.sdatb
2014.10.22 01:33:56	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 265
		Measurement Path: Measurements_01\012850000000.sdatb
2014.10.22 01:36:18	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 266
		Measurement Path: Measurements_01\012900000000.sdatb
2014.10.22 01:38:41	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 267
		Measurement Path: Measurements_01\012950000000.sdatb
2014.10.22 01:41:03	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 268
		Measurement Path: Measurements_01\013000000000.sdatb

Figure 30: Journal used for the PNA E8364C Noise measurements - 13.

2014.10.22 01:43:26	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 269
		Measurement Path: Measurements_01\013050000000.sdatb
2014.10.22 01:45:48	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 270
		Measurement Path: Measurements_01\013100000000.sdatb
2014.10.22 01:48:11	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 271
		Measurement Path: Measurements_01\013150000000.sdatb
2014.10.22 01:50:33	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 272
		Measurement Path: Measurements_01\013200000000.sdatb
2014.10.22 01:52:56	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 273
		Measurement Path: Measurements_01\013250000000.sdatb
2014.10.22 01:55:18	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 274
		Measurement Path: Measurements_01\013300000000.sdatb
2014.10.22 01:57:41	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 275
		Measurement Path: Measurements_01\013350000000.sdatb
2014.10.22 02:00:03	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 276
		Measurement Path: Measurements_01\013400000000.sdatb
2014.10.22 02:02:26	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 277
		Measurement Path: Measurements_01\013450000000.sdatb
2014.10.22 02:04:48	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 278
		Measurement Path: Measurements_01\013500000000.sdatb
2014.10.22 02:07:11	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 279
		Measurement Path: Measurements_01\013550000000.sdatb
2014.10.22 02:09:33	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 280
		Measurement Path: Measurements_01\013600000000.sdatb
2014.10.22 02:11:56	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 281
		Measurement Path: Measurements_01\013650000000.sdatb
2014.10.22 02:14:18	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 282
		Measurement Path: Measurements_01\013700000000.sdatb
2014.10.22 02:16:41	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 283
		Measurement Path: Measurements_01\013750000000.sdatb
2014.10.22 02:19:03	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 284
		Measurement Path: Measurements_01\013800000000.sdatb
2014.10.22 02:21:25	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 285
		Measurement Path: Measurements_01\013850000000.sdatb
2014.10.22 02:23:48	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 286
		Measurement Path: Measurements_01\013900000000.sdatb
2014.10.22 02:26:10	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 287
		Measurement Path: Measurements_01\013950000000.sdatb
2014.10.22 02:28:33	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 288
		Measurement Path: Measurements_01\014000000000.sdatb
2014.10.22 02:30:55	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 289
		Measurement Path: Measurements_01\014050000000.sdatb

Figure 31: Journal used for the PNA E8364C Noise measurements - 14.

2014.10.22 02:33:18	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 290
		Measurement Path: Measurements_01\014100000000.sdatb
2014.10.22 02:35:40	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 291
		Measurement Path: Measurements_01\014150000000.sdatb
2014.10.22 02:38:03	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 292
		Measurement Path: Measurements_01\014200000000.sdatb
2014.10.22 02:40:25	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 293
		Measurement Path: Measurements_01\014250000000.sdatb
2014.10.22 02:42:48	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 294
		Measurement Path: Measurements_01\014300000000.sdatb
2014.10.22 02:45:10	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 295
		Measurement Path: Measurements_01\014350000000.sdatb
2014.10.22 02:47:33	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 296
		Measurement Path: Measurements_01\014400000000.sdatb
2014.10.22 02:49:55	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 297
		Measurement Path: Measurements_01\014450000000.sdatb
2014.10.22 02:52:18	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 298
		Measurement Path: Measurements_01\014500000000.sdatb
2014.10.22 02:54:40	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 299
		Measurement Path: Measurements_01\014550000000.sdatb
2014.10.22 02:57:03	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 300
		Measurement Path: Measurements_01\014600000000.sdatb
2014.10.22 02:59:25	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 301
		Measurement Path: Measurements_01\014650000000.sdatb
2014.10.22 03:01:48	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 302
		Measurement Path: Measurements_01\014700000000.sdatb
2014.10.22 03:04:10	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 303
		Measurement Path: Measurements_01\014750000000.sdatb
2014.10.22 03:06:32	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 304
		Measurement Path: Measurements_01\014800000000.sdatb
2014.10.22 03:08:55	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 305
		Measurement Path: Measurements_01\014850000000.sdatb
2014.10.22 03:11:17	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 306
		Measurement Path: Measurements_01\014900000000.sdatb
2014.10.22 03:13:40	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 307
		Measurement Path: Measurements_01\014950000000.sdatb
2014.10.22 03:16:02	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 308
		Measurement Path: Measurements_01\015000000000.sdatb
2014.10.22 03:18:25	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 309
		Measurement Path: Measurements_01\015050000000.sdatb
2014.10.22 03:20:47	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 310
		Measurement Path: Measurements_01\015100000000.sdatb

Figure 32: Journal used for the PNA E8364C Noise measurements - 15.

2014.10.22 03:23:10	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 311
		Measurement Path: Measurements_01\015150000000.sdatb
2014.10.22 03:25:32	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 312
		Measurement Path: Measurements_01\015200000000.sdatb
2014.10.22 03:27:55	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 313
		Measurement Path: Measurements_01\015250000000.sdatb
2014.10.22 03:30:17	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 314
		Measurement Path: Measurements_01\015300000000.sdatb
2014.10.22 03:32:40	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 315
		Measurement Path: Measurements_01\015350000000.sdatb
2014.10.22 03:35:02	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 316
		Measurement Path: Measurements_01\015400000000.sdatb
2014.10.22 03:37:25	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 317
		Measurement Path: Measurements_01\015450000000.sdatb
2014.10.22 03:39:47	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 318
		Measurement Path: Measurements_01\015500000000.sdatb
2014.10.22 03:42:10	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 319
		Measurement Path: Measurements_01\015550000000.sdatb
2014.10.22 03:44:32	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 320
		Measurement Path: Measurements_01\015600000000.sdatb
2014.10.22 03:46:55	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 321
		Measurement Path: Measurements_01\015650000000.sdatb
2014.10.22 03:49:17	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 322
		Measurement Path: Measurements_01\015700000000.sdatb
2014.10.22 03:51:40	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 323
		Measurement Path: Measurements_01\015750000000.sdatb
2014.10.22 03:54:02	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 324
		Measurement Path: Measurements_01\015800000000.sdatb
2014.10.22 03:56:24	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 325
		Measurement Path: Measurements_01\015850000000.sdatb
2014.10.22 03:58:47	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 326
		Measurement Path: Measurements_01\015900000000.sdatb
2014.10.22 04:01:09	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 327
		Measurement Path: Measurements_01\015950000000.sdatb
2014.10.22 04:03:32	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 328
		Measurement Path: Measurements_01\016000000000.sdatb
2014.10.22 04:05:54	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 329
		Measurement Path: Measurements_01\016050000000.sdatb
2014.10.22 04:08:17	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 330
		Measurement Path: Measurements_01\016100000000.sdatb
2014.10.22 04:10:39	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 331
		Measurement Path: Measurements_01\016150000000.sdatb

Figure 33: Journal used for the PNA E8364C Noise measurements - 16.

2014.10.22 04:13:02	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 332
		Measurement Path: Measurements_01\016200000000.sdatb
2014.10.22 04:15:24	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 333
		Measurement Path: Measurements_01\016250000000.sdatb
2014.10.22 04:17:47	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 334
		Measurement Path: Measurements_01\016300000000.sdatb
2014.10.22 04:20:09	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 335
		Measurement Path: Measurements_01\016350000000.sdatb
2014.10.22 04:22:32	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 336
		Measurement Path: Measurements_01\016400000000.sdatb
2014.10.22 04:24:54	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 337
		Measurement Path: Measurements_01\016450000000.sdatb
2014.10.22 04:27:17	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 338
		Measurement Path: Measurements_01\016500000000.sdatb
2014.10.22 04:29:39	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 339
		Measurement Path: Measurements_01\016550000000.sdatb
2014.10.22 04:32:01	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 340
		Measurement Path: Measurements_01\016600000000.sdatb
2014.10.22 04:34:24	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 341
		Measurement Path: Measurements_01\016650000000.sdatb
2014.10.22 04:36:46	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 342
		Measurement Path: Measurements_01\016700000000.sdatb
2014.10.22 04:39:09	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 343
		Measurement Path: Measurements_01\016750000000.sdatb
2014.10.22 04:41:31	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 344
		Measurement Path: Measurements_01\016800000000.sdatb
2014.10.22 04:43:54	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 345
		Measurement Path: Measurements_01\016850000000.sdatb
2014.10.22 04:46:16	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 346
		Measurement Path: Measurements_01\016900000000.sdatb
2014.10.22 04:48:39	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 347
		Measurement Path: Measurements_01\016950000000.sdatb
2014.10.22 04:51:01	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 348
		Measurement Path: Measurements_01\017000000000.sdatb
2014.10.22 04:53:24	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 349
		Measurement Path: Measurements_01\017050000000.sdatb
2014.10.22 04:55:46	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 350
		Measurement Path: Measurements_01\017100000000.sdatb
2014.10.22 04:58:09	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 351
		Measurement Path: Measurements_01\017150000000.sdatb
2014.10.22 05:00:31	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 352
		Measurement Path: Measurements_01\017200000000.sdatb

Figure 34: Journal used for the PNA E8364C Noise measurements - 17.

2014.10.22 05:02:54	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 353
		Measurement Path: Measurements_01\017250000000.sdatb
2014.10.22 05:05:16	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 354
		Measurement Path: Measurements_01\017300000000.sdatb
2014.10.22 05:07:39	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 355
		Measurement Path: Measurements_01\017350000000.sdatb
2014.10.22 05:10:01	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 356
		Measurement Path: Measurements_01\017400000000.sdatb
2014.10.22 05:12:23	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 357
		Measurement Path: Measurements_01\017450000000.sdatb
2014.10.22 05:14:46	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 358
		Measurement Path: Measurements_01\017500000000.sdatb
2014.10.22 05:17:08	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 359
		Measurement Path: Measurements_01\017550000000.sdatb
2014.10.22 05:19:31	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 360
		Measurement Path: Measurements_01\017600000000.sdatb
2014.10.22 05:21:53	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 361
		Measurement Path: Measurements_01\017650000000.sdatb
2014.10.22 05:24:16	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 362
		Measurement Path: Measurements_01\017700000000.sdatb
2014.10.22 05:26:38	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 363
		Measurement Path: Measurements_01\017750000000.sdatb
2014.10.22 05:29:01	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 364
		Measurement Path: Measurements_01\017800000000.sdatb
2014.10.22 05:31:23	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 365
		Measurement Path: Measurements_01\017850000000.sdatb
2014.10.22 05:33:46	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 366
		Measurement Path: Measurements_01\017900000000.sdatb
2014.10.22 05:36:08	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 367
		Measurement Path: Measurements_01\017950000000.sdatb
2014.10.22 05:38:31	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 368
		Measurement Path: Measurements_01\018000000000.sdatb
2014.10.22 05:40:53	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 369
		Measurement Path: Measurements_01\018050000000.sdatb
2014.10.22 05:43:16	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 370
		Measurement Path: Measurements_01\018100000000.sdatb
2014.10.22 05:45:38	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 371
		Measurement Path: Measurements_01\018150000000.sdatb
2014.10.22 05:48:01	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 372
		Measurement Path: Measurements_01\018200000000.sdatb
2014.10.22 05:50:23	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 373
		Measurement Path: Measurements_01\018250000000.sdatb

Figure 35: Journal used for the PNA E8364C Noise measurements - 18.

2014.10.22 05:52:46	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 374
		Measurement Path: Measurements_01\018300000000.sdatb
2014.10.22 05:55:08	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 375
		Measurement Path: Measurements_01\018350000000.sdatb
2014.10.22 05:57:31	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 376
		Measurement Path: Measurements_01\018400000000.sdatb
2014.10.22 05:59:53	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 377
		Measurement Path: Measurements_01\018450000000.sdatb
2014.10.22 06:02:15	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 378
		Measurement Path: Measurements_01\018500000000.sdatb
2014.10.22 06:04:38	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 379
		Measurement Path: Measurements_01\018550000000.sdatb
2014.10.22 06:07:00	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 380
		Measurement Path: Measurements_01\018600000000.sdatb
2014.10.22 06:09:23	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 381
		Measurement Path: Measurements_01\018650000000.sdatb
2014.10.22 06:11:45	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 382
		Measurement Path: Measurements_01\018700000000.sdatb
2014.10.22 06:14:08	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 383
		Measurement Path: Measurements_01\018750000000.sdatb
2014.10.22 06:16:30	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 384
		Measurement Path: Measurements_01\018800000000.sdatb
2014.10.22 06:18:53	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 385
		Measurement Path: Measurements_01\018850000000.sdatb
2014.10.22 06:21:15	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 386
		Measurement Path: Measurements_01\018900000000.sdatb
2014.10.22 06:23:38	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 387
		Measurement Path: Measurements_01\018950000000.sdatb
2014.10.22 06:26:00	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 388
		Measurement Path: Measurements_01\019000000000.sdatb
2014.10.22 06:28:23	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 389
		Measurement Path: Measurements_01\019050000000.sdatb
2014.10.22 06:30:45	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 390
		Measurement Path: Measurements_01\019100000000.sdatb
2014.10.22 06:33:08	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 391
		Measurement Path: Measurements_01\019150000000.sdatb
2014.10.22 06:35:30	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 392
		Measurement Path: Measurements_01\019200000000.sdatb
2014.10.22 06:37:53	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 393
		Measurement Path: Measurements_01\019250000000.sdatb
2014.10.22 06:40:15	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 394
		Measurement Path: Measurements_01\019300000000.sdatb

Figure 36: Journal used for the PNA E8364C Noise measurements - 19.

2014.10.22 06:42:38	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 395
		Measurement Path: Measurements_01\019350000000.sdatb
2014.10.22 06:45:00	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 396
		Measurement Path: Measurements_01\019400000000.sdatb
2014.10.22 06:47:23	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 397
		Measurement Path: Measurements_01\019450000000.sdatb
2014.10.22 06:49:45	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 398
		Measurement Path: Measurements_01\019500000000.sdatb
2014.10.22 06:52:08	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 399
		Measurement Path: Measurements_01\019550000000.sdatb
2014.10.22 06:54:30	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 400
		Measurement Path: Measurements_01\019600000000.sdatb
2014.10.22 06:56:53	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 401
		Measurement Path: Measurements_01\019650000000.sdatb
2014.10.22 06:59:15	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 402
		Measurement Path: Measurements_01\019700000000.sdatb
2014.10.22 07:01:37	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 403
		Measurement Path: Measurements_01\019750000000.sdatb
2014.10.22 07:04:00	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 404
		Measurement Path: Measurements_01\019800000000.sdatb
2014.10.22 07:06:22	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 405
		Measurement Path: Measurements_01\019850000000.sdatb
2014.10.22 07:08:45	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 406
		Measurement Path: Measurements_01\019900000000.sdatb
2014.10.22 07:11:07	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 407
		Measurement Path: Measurements_01\019950000000.sdatb
2014.10.22 07:13:30	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 408
		Measurement Path: Measurements_01\020000000000.sdatb
2014.10.22 07:15:52	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 409
		Measurement Path: Measurements_01\020050000000.sdatb
2014.10.22 07:18:15	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 410
		Measurement Path: Measurements_01\020100000000.sdatb
2014.10.22 07:20:37	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 411
		Measurement Path: Measurements_01\020150000000.sdatb
2014.10.22 07:23:00	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 412
		Measurement Path: Measurements_01\020200000000.sdatb
2014.10.22 07:25:22	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 413
		Measurement Path: Measurements_01\020250000000.sdatb
2014.10.22 07:27:45	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 414
		Measurement Path: Measurements_01\020300000000.sdatb
2014.10.22 07:30:07	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 415
		Measurement Path: Measurements_01\020350000000.sdatb

Figure 37: Journal used for the PNA E8364C Noise measurements - 20.

2014.10.22 07:32:30	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 416
		Measurement Path: Measurements_01\020400000000.sdatb
2014.10.22 07:34:52	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 417
		Measurement Path: Measurements_01\020450000000.sdatb
2014.10.22 07:37:15	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 418
		Measurement Path: Measurements_01\020500000000.sdatb
2014.10.22 07:39:37	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 419
		Measurement Path: Measurements_01\020550000000.sdatb
2014.10.22 07:42:00	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 420
		Measurement Path: Measurements_01\020600000000.sdatb
2014.10.22 07:44:22	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 421
		Measurement Path: Measurements_01\020650000000.sdatb
2014.10.22 07:46:45	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 422
		Measurement Path: Measurements_01\020700000000.sdatb
2014.10.22 07:49:07	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 423
		Measurement Path: Measurements_01\020750000000.sdatb
2014.10.22 07:51:30	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 424
		Measurement Path: Measurements_01\020800000000.sdatb
2014.10.22 07:53:52	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 425
		Measurement Path: Measurements_01\020850000000.sdatb
2014.10.22 07:56:15	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 426
		Measurement Path: Measurements_01\020900000000.sdatb
2014.10.22 07:58:37	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 427
		Measurement Path: Measurements_01\020950000000.sdatb
2014.10.22 08:00:59	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 428
		Measurement Path: Measurements_01\021000000000.sdatb
2014.10.22 08:03:22	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 429
		Measurement Path: Measurements_01\021050000000.sdatb
2014.10.22 08:05:44	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 430
		Measurement Path: Measurements_01\021100000000.sdatb
2014.10.22 08:08:07	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 431
		Measurement Path: Measurements_01\021150000000.sdatb
2014.10.22 08:10:29	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 432
		Measurement Path: Measurements_01\021200000000.sdatb
2014.10.22 08:12:52	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 433
		Measurement Path: Measurements_01\021250000000.sdatb
2014.10.22 08:15:14	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 434
		Measurement Path: Measurements_01\021300000000.sdatb
2014.10.22 08:17:37	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 435
		Measurement Path: Measurements_01\021350000000.sdatb
2014.10.22 08:19:59	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 436
		Measurement Path: Measurements_01\021400000000.sdatb

Figure 38: Journal used for the PNA E8364C Noise measurements - 21.

2014.10.22 08:22:22	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 437
		Measurement Path: Measurements_01\021450000000.sdatb
2014.10.22 08:24:44	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 438
		Measurement Path: Measurements_01\021500000000.sdatb
2014.10.22 08:27:07	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 439
		Measurement Path: Measurements_01\021550000000.sdatb
2014.10.22 08:29:29	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 440
		Measurement Path: Measurements_01\021600000000.sdatb
2014.10.22 08:31:52	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 441
		Measurement Path: Measurements_01\021650000000.sdatb
2014.10.22 08:34:14	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 442
		Measurement Path: Measurements_01\021700000000.sdatb
2014.10.22 08:36:37	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 443
		Measurement Path: Measurements_01\021750000000.sdatb
2014.10.22 08:38:59	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 444
		Measurement Path: Measurements_01\021800000000.sdatb
2014.10.22 08:41:22	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 445
		Measurement Path: Measurements_01\021850000000.sdatb
2014.10.22 08:43:44	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 446
		Measurement Path: Measurements_01\021900000000.sdatb
2014.10.22 08:46:07	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 447
		Measurement Path: Measurements_01\021950000000.sdatb
2014.10.22 08:48:29	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 448
		Measurement Path: Measurements_01\022000000000.sdatb
2014.10.22 08:50:52	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 449
		Measurement Path: Measurements_01\022050000000.sdatb
2014.10.22 08:53:14	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 450
		Measurement Path: Measurements_01\022100000000.sdatb
2014.10.22 08:55:37	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 451
		Measurement Path: Measurements_01\022150000000.sdatb
2014.10.22 08:57:59	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 452
		Measurement Path: Measurements_01\022200000000.sdatb
2014.10.22 09:00:22	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 453
		Measurement Path: Measurements_01\022250000000.sdatb
2014.10.22 09:02:44	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 454
		Measurement Path: Measurements_01\022300000000.sdatb
2014.10.22 09:05:07	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 455
		Measurement Path: Measurements_01\022350000000.sdatb
2014.10.22 09:07:29	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 456
		Measurement Path: Measurements_01\022400000000.sdatb
2014.10.22 09:09:52	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 457
		Measurement Path: Measurements_01\022450000000.sdatb

Figure 39: Journal used for the PNA E8364C Noise measurements - 22.

2014.10.22 09:12:14	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 458
		Measurement Path: Measurements_01\022500000000.sdatb
2014.10.22 09:14:36	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 459
		Measurement Path: Measurements_01\022550000000.sdatb
2014.10.22 09:16:59	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 460
		Measurement Path: Measurements_01\022600000000.sdatb
2014.10.22 09:19:21	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 461
		Measurement Path: Measurements_01\022650000000.sdatb
2014.10.22 09:21:44	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 462
		Measurement Path: Measurements_01\022700000000.sdatb
2014.10.22 09:24:06	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 463
		Measurement Path: Measurements_01\022750000000.sdatb
2014.10.22 09:26:29	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 464
		Measurement Path: Measurements_01\022800000000.sdatb
2014.10.22 09:28:51	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 465
		Measurement Path: Measurements_01\022850000000.sdatb
2014.10.22 09:31:14	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 466
		Measurement Path: Measurements_01\022900000000.sdatb
2014.10.22 09:33:36	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 467
		Measurement Path: Measurements_01\022950000000.sdatb
2014.10.22 09:35:59	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 468
		Measurement Path: Measurements_01\023000000000.sdatb
2014.10.22 09:38:21	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 469
		Measurement Path: Measurements_01\023050000000.sdatb
2014.10.22 09:40:44	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 470
		Measurement Path: Measurements_01\023100000000.sdatb
2014.10.22 09:43:06	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 471
		Measurement Path: Measurements_01\023150000000.sdatb
2014.10.22 09:45:29	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 472
		Measurement Path: Measurements_01\023200000000.sdatb
2014.10.22 09:47:51	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 473
		Measurement Path: Measurements_01\023250000000.sdatb
2014.10.22 09:50:14	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 474
		Measurement Path: Measurements_01\023300000000.sdatb
2014.10.22 09:52:36	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 475
		Measurement Path: Measurements_01\023350000000.sdatb
2014.10.22 09:54:59	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 476
		Measurement Path: Measurements_01\023400000000.sdatb
2014.10.22 09:57:21	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 477
		Measurement Path: Measurements_01\023450000000.sdatb
2014.10.22 09:59:44	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 478
		Measurement Path: Measurements_01\023500000000.sdatb

Figure 40: Journal used for the PNA E8364C Noise measurements - 23.

2014.10.22 10:02:06	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 479
		Measurement Path: Measurements_01\023550000000.sdatb
2014.10.22 10:04:29	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 480
		Measurement Path: Measurements_01\023600000000.sdatb
2014.10.22 10:06:51	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 481
		Measurement Path: Measurements_01\023650000000.sdatb
2014.10.22 10:09:14	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 482
		Measurement Path: Measurements_01\023700000000.sdatb
2014.10.22 10:11:36	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 483
		Measurement Path: Measurements_01\023750000000.sdatb
2014.10.22 10:13:58	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 484
		Measurement Path: Measurements_01\023800000000.sdatb
2014.10.22 10:16:21	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 485
		Measurement Path: Measurements_01\023850000000.sdatb
2014.10.22 10:18:43	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 486
		Measurement Path: Measurements_01\023900000000.sdatb
2014.10.22 10:21:06	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 487
		Measurement Path: Measurements_01\023950000000.sdatb
2014.10.22 10:23:28	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 488
		Measurement Path: Measurements_01\024000000000.sdatb
2014.10.22 10:25:51	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 489
		Measurement Path: Measurements_01\024050000000.sdatb
2014.10.22 10:28:13	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 490
		Measurement Path: Measurements_01\024100000000.sdatb
2014.10.22 10:30:36	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 491
		Measurement Path: Measurements_01\024150000000.sdatb
2014.10.22 10:32:58	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 492
		Measurement Path: Measurements_01\024200000000.sdatb
2014.10.22 10:35:21	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 493
		Measurement Path: Measurements_01\024250000000.sdatb
2014.10.22 10:37:43	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 494
		Measurement Path: Measurements_01\024300000000.sdatb
2014.10.22 10:40:06	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 495
		Measurement Path: Measurements_01\024350000000.sdatb
2014.10.22 10:42:28	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 496
		Measurement Path: Measurements_01\024400000000.sdatb
2014.10.22 10:44:51	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 497
		Measurement Path: Measurements_01\024450000000.sdatb
2014.10.22 10:47:13	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 498
		Measurement Path: Measurements_01\024500000000.sdatb
2014.10.22 10:49:36	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 499
		Measurement Path: Measurements_01\024550000000.sdatb

Figure 41: Journal used for the PNA E8364C Noise measurements - 24.

2014.10.22 10:51:58	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 500
		Measurement Path: Measurements_01\024600000000.sdatb
2014.10.22 10:54:21	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 501
		Measurement Path: Measurements_01\024650000000.sdatb
2014.10.22 10:56:43	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 502
		Measurement Path: Measurements_01\024700000000.sdatb
2014.10.22 10:59:06	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 503
		Measurement Path: Measurements_01\024750000000.sdatb
2014.10.22 11:01:28	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 504
		Measurement Path: Measurements_01\024800000000.sdatb
2014.10.22 11:03:50	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 505
		Measurement Path: Measurements_01\024850000000.sdatb
2014.10.22 11:06:13	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 506
		Measurement Path: Measurements_01\024900000000.sdatb
2014.10.22 11:08:35	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 507
		Measurement Path: Measurements_01\024950000000.sdatb
2014.10.22 11:10:58	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 508
		Measurement Path: Measurements_01\025000000000.sdatb
2014.10.22 11:13:20	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 509
		Measurement Path: Measurements_01\025050000000.sdatb
2014.10.22 11:15:43	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 510
		Measurement Path: Measurements_01\025100000000.sdatb
2014.10.22 11:18:05	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 511
		Measurement Path: Measurements_01\025150000000.sdatb
2014.10.22 11:20:28	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 512
		Measurement Path: Measurements_01\025200000000.sdatb
2014.10.22 11:22:50	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 513
		Measurement Path: Measurements_01\025250000000.sdatb
2014.10.22 11:25:13	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 514
		Measurement Path: Measurements_01\025300000000.sdatb
2014.10.22 11:27:35	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 515
		Measurement Path: Measurements_01\025350000000.sdatb
2014.10.22 11:29:58	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 516
		Measurement Path: Measurements_01\025400000000.sdatb
2014.10.22 11:32:20	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 517
		Measurement Path: Measurements_01\025450000000.sdatb
2014.10.22 11:34:43	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 518
		Measurement Path: Measurements_01\025500000000.sdatb
2014.10.22 11:37:05	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 519
		Measurement Path: Measurements_01\025550000000.sdatb
2014.10.22 11:39:28	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 520
		Measurement Path: Measurements_01\025600000000.sdatb

Figure 42: Journal used for the PNA E8364C Noise measurements - 25.

2014.10.22 11:41:50	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 521
		Measurement Path: Measurements_01\025650000000.sdatb
2014.10.22 11:44:13	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 522
		Measurement Path: Measurements_01\025700000000.sdatb
2014.10.22 11:46:35	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 523
		Measurement Path: Measurements_01\025750000000.sdatb
2014.10.22 11:48:58	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 524
		Measurement Path: Measurements_01\025800000000.sdatb
2014.10.22 11:51:20	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 525
		Measurement Path: Measurements_01\025850000000.sdatb
2014.10.22 11:53:43	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 526
		Measurement Path: Measurements_01\025900000000.sdatb
2014.10.22 11:56:05	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 527
		Measurement Path: Measurements_01\025950000000.sdatb
2014.10.22 11:58:28	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 528
		Measurement Path: Measurements_01\026000000000.sdatb
2014.10.22 12:00:50	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 529
		Measurement Path: Measurements_01\026050000000.sdatb
2014.10.22 12:03:13	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 530
		Measurement Path: Measurements_01\026100000000.sdatb
2014.10.22 12:05:35	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 531
		Measurement Path: Measurements_01\026150000000.sdatb
2014.10.22 12:07:58	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 532
		Measurement Path: Measurements_01\026200000000.sdatb
2014.10.22 12:10:20	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 533
		Measurement Path: Measurements_01\026250000000.sdatb
2014.10.22 12:12:42	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 534
		Measurement Path: Measurements_01\026300000000.sdatb
2014.10.22 12:15:05	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 535
		Measurement Path: Measurements_01\026350000000.sdatb
2014.10.22 12:17:27	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 536
		Measurement Path: Measurements_01\026400000000.sdatb
2014.10.22 12:19:50	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 537
		Measurement Path: Measurements_01\026450000000.sdatb
2014.10.22 12:22:12	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 538
		Measurement Path: Measurements_01\026500000000.sdatb
2014.10.22 12:24:35	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 539
		Measurement Path: Measurements_01\026550000000.sdatb
2014.10.22 12:26:57	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 540
		Measurement Path: Measurements_01\026600000000.sdatb
2014.10.22 12:29:20	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 541
		Measurement Path: Measurements_01\026650000000.sdatb

Figure 43: Journal used for the PNA E8364C Noise measurements - 26.

2014.10.22 12:31:42	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 542
		Measurement Path: Measurements_01\026700000000.sdatb
2014.10.22 12:34:05	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 543
		Measurement Path: Measurements_01\026750000000.sdatb
2014.10.22 12:36:27	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 544
		Measurement Path: Measurements_01\026800000000.sdatb
2014.10.22 12:38:50	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 545
		Measurement Path: Measurements_01\026850000000.sdatb
2014.10.22 12:41:12	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 546
		Measurement Path: Measurements_01\026900000000.sdatb
2014.10.22 12:43:35	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 547
		Measurement Path: Measurements_01\026950000000.sdatb
2014.10.22 12:45:57	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 548
		Measurement Path: Measurements_01\027000000000.sdatb
2014.10.22 12:48:20	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 549
		Measurement Path: Measurements_01\027050000000.sdatb
2014.10.22 12:50:42	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 550
		Measurement Path: Measurements_01\027100000000.sdatb
2014.10.22 12:53:05	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 551
		Measurement Path: Measurements_01\027150000000.sdatb
2014.10.22 12:55:27	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 552
		Measurement Path: Measurements_01\027200000000.sdatb
2014.10.22 12:57:50	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 553
		Measurement Path: Measurements_01\027250000000.sdatb
2014.10.22 13:00:12	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 554
		Measurement Path: Measurements_01\027300000000.sdatb
2014.10.22 13:02:35	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 555
		Measurement Path: Measurements_01\027350000000.sdatb
2014.10.22 13:04:57	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 556
		Measurement Path: Measurements_01\027400000000.sdatb
2014.10.22 13:07:20	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 557
		Measurement Path: Measurements_01\027450000000.sdatb
2014.10.22 13:09:42	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 558
		Measurement Path: Measurements_01\027500000000.sdatb
2014.10.22 13:12:05	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 559
		Measurement Path: Measurements_01\027550000000.sdatb
2014.10.22 13:14:27	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 560
		Measurement Path: Measurements_01\027600000000.sdatb
2014.10.22 13:16:50	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 561
		Measurement Path: Measurements_01\027650000000.sdatb
2014.10.22 13:19:12	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 562
		Measurement Path: Measurements_01\027700000000.sdatb

Figure 44: Journal used for the PNA E8364C Noise measurements - 27.

2014.10.22 13:21:35	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 563
		Measurement Path: Measurements_01\027750000000.sdatb
2014.10.22 13:23:57	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 564
		Measurement Path: Measurements_01\027800000000.sdatb
2014.10.22 13:26:20	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 565
		Measurement Path: Measurements_01\027850000000.sdatb
2014.10.22 13:28:42	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 566
		Measurement Path: Measurements_01\027900000000.sdatb
2014.10.22 13:31:04	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 567
		Measurement Path: Measurements_01\027950000000.sdatb
2014.10.22 13:33:27	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 568
		Measurement Path: Measurements_01\028000000000.sdatb
2014.10.22 13:35:49	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 569
		Measurement Path: Measurements_01\028050000000.sdatb
2014.10.22 13:38:12	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 570
		Measurement Path: Measurements_01\028100000000.sdatb
2014.10.22 13:40:34	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 571
		Measurement Path: Measurements_01\028150000000.sdatb
2014.10.22 13:42:57	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 572
		Measurement Path: Measurements_01\028200000000.sdatb
2014.10.22 13:45:19	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 573
		Measurement Path: Measurements_01\028250000000.sdatb
2014.10.22 13:47:42	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 574
		Measurement Path: Measurements_01\028300000000.sdatb
2014.10.22 13:50:04	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 575
		Measurement Path: Measurements_01\028350000000.sdatb
2014.10.22 13:52:27	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 576
		Measurement Path: Measurements_01\028400000000.sdatb
2014.10.22 13:54:49	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 577
		Measurement Path: Measurements_01\028450000000.sdatb
2014.10.22 13:57:12	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 578
		Measurement Path: Measurements_01\028500000000.sdatb
2014.10.22 13:59:34	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 579
		Measurement Path: Measurements_01\028550000000.sdatb
2014.10.22 14:01:57	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 580
		Measurement Path: Measurements_01\028600000000.sdatb
2014.10.22 14:04:19	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 581
		Measurement Path: Measurements_01\028650000000.sdatb
2014.10.22 14:06:42	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 582
		Measurement Path: Measurements_01\028700000000.sdatb
2014.10.22 14:09:04	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 583
		Measurement Path: Measurements_01\028750000000.sdatb

Figure 45: Journal used for the PNA E8364C Noise measurements - 28.

2014.10.22 14:11:27	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 584
		Measurement Path: Measurements_01\028800000000.sdatb
2014.10.22 14:13:49	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 585
		Measurement Path: Measurements_01\028850000000.sdatb
2014.10.22 14:16:12	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 586
		Measurement Path: Measurements_01\028900000000.sdatb
2014.10.22 14:18:34	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 587
		Measurement Path: Measurements_01\028950000000.sdatb
2014.10.22 14:20:57	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 588
		Measurement Path: Measurements_01\029000000000.sdatb
2014.10.22 14:23:19	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 589
		Measurement Path: Measurements_01\029050000000.sdatb
2014.10.22 14:25:41	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 590
		Measurement Path: Measurements_01\029100000000.sdatb
2014.10.22 14:28:04	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 591
		Measurement Path: Measurements_01\029150000000.sdatb
2014.10.22 14:30:26	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 592
		Measurement Path: Measurements_01\029200000000.sdatb
2014.10.22 14:32:49	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 593
		Measurement Path: Measurements_01\029250000000.sdatb
2014.10.22 14:35:11	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 594
		Measurement Path: Measurements_01\029300000000.sdatb
2014.10.22 14:37:34	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 595
		Measurement Path: Measurements_01\029350000000.sdatb
2014.10.22 14:39:56	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 596
		Measurement Path: Measurements_01\029400000000.sdatb
2014.10.22 14:42:19	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 597
		Measurement Path: Measurements_01\029450000000.sdatb
2014.10.22 14:44:41	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 598
		Measurement Path: Measurements_01\029500000000.sdatb
2014.10.22 14:47:04	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 599
		Measurement Path: Measurements_01\029550000000.sdatb
2014.10.22 14:49:26	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 600
		Measurement Path: Measurements_01\029600000000.sdatb
2014.10.22 14:51:49	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 601
		Measurement Path: Measurements_01\029650000000.sdatb
2014.10.22 14:54:11	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 602
		Measurement Path: Measurements_01\029700000000.sdatb
2014.10.22 14:56:34	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 603
		Measurement Path: Measurements_01\029750000000.sdatb
2014.10.22 14:58:56	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 604
		Measurement Path: Measurements_01\029800000000.sdatb

Figure 46: Journal used for the PNA E8364C Noise measurements - 29.

2014.10.22 15:01:19	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 605
		Measurement Path: Measurements_01\029850000000.sdatb
2014.10.22 15:03:41	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 606
		Measurement Path: Measurements_01\029900000000.sdatb
2014.10.22 15:06:04	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 607
		Measurement Path: Measurements_01\029950000000.sdatb
2014.10.22 15:08:26	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 608
		Measurement Path: Measurements_01\030000000000.sdatb
2014.10.22 15:10:49	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 609
		Measurement Path: Measurements_01\030050000000.sdatb
2014.10.22 15:13:11	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 610
		Measurement Path: Measurements_01\030100000000.sdatb
2014.10.22 15:15:34	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 611
		Measurement Path: Measurements_01\030150000000.sdatb
2014.10.22 15:17:56	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 612
		Measurement Path: Measurements_01\030200000000.sdatb
2014.10.22 15:20:19	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 613
		Measurement Path: Measurements_01\030250000000.sdatb
2014.10.22 15:22:41	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 614
		Measurement Path: Measurements_01\030300000000.sdatb
2014.10.22 15:25:04	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 615
		Measurement Path: Measurements_01\030350000000.sdatb
2014.10.22 15:27:26	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 616
		Measurement Path: Measurements_01\030400000000.sdatb
2014.10.22 15:29:49	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 617
		Measurement Path: Measurements_01\030450000000.sdatb
2014.10.22 15:32:11	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 618
		Measurement Path: Measurements_01\030500000000.sdatb
2014.10.22 15:34:33	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 619
		Measurement Path: Measurements_01\030550000000.sdatb
2014.10.22 15:36:56	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 620
		Measurement Path: Measurements_01\030600000000.sdatb
2014.10.22 15:39:18	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 621
		Measurement Path: Measurements_01\030650000000.sdatb
2014.10.22 15:41:41	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 622
		Measurement Path: Measurements_01\030700000000.sdatb
2014.10.22 15:44:03	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 623
		Measurement Path: Measurements_01\030750000000.sdatb
2014.10.22 15:46:26	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 624
		Measurement Path: Measurements_01\030800000000.sdatb
2014.10.22 15:48:48	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 625
		Measurement Path: Measurements_01\030850000000.sdatb

Figure 47: Journal used for the PNA E8364C Noise measurements - 30.

2014.10.22 15:51:11	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 626
		Measurement Path: Measurements_01\030900000000.sdatb
2014.10.22 15:53:33	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 627
		Measurement Path: Measurements_01\030950000000.sdatb
2014.10.22 15:55:56	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 628
		Measurement Path: Measurements_01\031000000000.sdatb
2014.10.22 15:58:18	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 629
		Measurement Path: Measurements_01\031050000000.sdatb
2014.10.22 16:00:41	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 630
		Measurement Path: Measurements_01\031100000000.sdatb
2014.10.22 16:03:03	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 631
		Measurement Path: Measurements_01\031150000000.sdatb
2014.10.22 16:05:26	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 632
		Measurement Path: Measurements_01\031200000000.sdatb
2014.10.22 16:07:48	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 633
		Measurement Path: Measurements_01\031250000000.sdatb
2014.10.22 16:10:11	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 634
		Measurement Path: Measurements_01\031300000000.sdatb
2014.10.22 16:12:33	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 635
		Measurement Path: Measurements_01\031350000000.sdatb
2014.10.22 16:14:56	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 636
		Measurement Path: Measurements_01\031400000000.sdatb
2014.10.22 16:17:18	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 637
		Measurement Path: Measurements_01\031450000000.sdatb
2014.10.22 16:19:41	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 638
		Measurement Path: Measurements_01\031500000000.sdatb
2014.10.22 16:22:03	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 639
		Measurement Path: Measurements_01\031550000000.sdatb
2014.10.22 16:24:26	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 640
		Measurement Path: Measurements_01\031600000000.sdatb
2014.10.22 16:26:48	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 641
		Measurement Path: Measurements_01\031650000000.sdatb
2014.10.22 16:29:10	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 642
		Measurement Path: Measurements_01\031700000000.sdatb
2014.10.22 16:31:33	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 643
		Measurement Path: Measurements_01\031750000000.sdatb
2014.10.22 16:33:55	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 644
		Measurement Path: Measurements_01\031800000000.sdatb
2014.10.22 16:36:18	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 645
		Measurement Path: Measurements_01\031850000000.sdatb
2014.10.22 16:38:40	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 646
		Measurement Path: Measurements_01\031900000000.sdatb

Figure 48: Journal used for the PNA E8364C Noise measurements - 31.

2014.10.22 16:41:03	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 647
		Measurement Path: Measurements_01\031950000000.sdatb
2014.10.22 16:43:25	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 648
		Measurement Path: Measurements_01\032000000000.sdatb
2014.10.22 16:45:48	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 649
		Measurement Path: Measurements_01\032050000000.sdatb
2014.10.22 16:48:10	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 650
		Measurement Path: Measurements_01\032100000000.sdatb
2014.10.22 16:50:33	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 651
		Measurement Path: Measurements_01\032150000000.sdatb
2014.10.22 16:52:55	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 652
		Measurement Path: Measurements_01\032200000000.sdatb
2014.10.22 16:55:18	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 653
		Measurement Path: Measurements_01\032250000000.sdatb
2014.10.22 16:57:40	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 654
		Measurement Path: Measurements_01\032300000000.sdatb
2014.10.22 17:00:03	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 655
		Measurement Path: Measurements_01\032350000000.sdatb
2014.10.22 17:02:25	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 656
		Measurement Path: Measurements_01\032400000000.sdatb
2014.10.22 17:04:48	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 657
		Measurement Path: Measurements_01\032450000000.sdatb
2014.10.22 17:07:10	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 658
		Measurement Path: Measurements_01\032500000000.sdatb
2014.10.22 17:09:33	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 659
		Measurement Path: Measurements_01\032550000000.sdatb
2014.10.22 17:11:55	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 660
		Measurement Path: Measurements_01\032600000000.sdatb
2014.10.22 17:14:18	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 661
		Measurement Path: Measurements_01\032650000000.sdatb
2014.10.22 17:16:40	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 662
		Measurement Path: Measurements_01\032700000000.sdatb
2014.10.22 17:19:03	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 663
		Measurement Path: Measurements_01\032750000000.sdatb
2014.10.22 17:21:25	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 664
		Measurement Path: Measurements_01\032800000000.sdatb
2014.10.22 17:23:48	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 665
		Measurement Path: Measurements_01\032850000000.sdatb
2014.10.22 17:26:10	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 666
		Measurement Path: Measurements_01\032900000000.sdatb
2014.10.22 17:28:33	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 667
		Measurement Path: Measurements_01\032950000000.sdatb

Figure 49: Journal used for the PNA E8364C Noise measurements - 32.

2014.10.22 17:30:55	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 668
		Measurement Path: Measurements_01\033000000000.sdatb
2014.10.22 17:33:17	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 669
		Measurement Path: Measurements_01\033050000000.sdatb
2014.10.22 17:35:40	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 670
		Measurement Path: Measurements_01\033100000000.sdatb
2014.10.22 17:38:02	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 671
		Measurement Path: Measurements_01\033150000000.sdatb
2014.10.22 17:40:25	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 672
		Measurement Path: Measurements_01\033200000000.sdatb
2014.10.22 17:42:47	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 673
		Measurement Path: Measurements_01\033250000000.sdatb
2014.10.22 17:45:10	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 674
		Measurement Path: Measurements_01\033300000000.sdatb
2014.10.22 17:47:32	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 675
		Measurement Path: Measurements_01\033350000000.sdatb
2014.10.22 17:49:55	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 676
		Measurement Path: Measurements_01\033400000000.sdatb
2014.10.22 17:52:17	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 677
		Measurement Path: Measurements_01\033450000000.sdatb
2014.10.22 17:54:40	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 678
		Measurement Path: Measurements_01\033500000000.sdatb
2014.10.22 17:57:02	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 679
		Measurement Path: Measurements_01\033550000000.sdatb
2014.10.22 17:59:25	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 680
		Measurement Path: Measurements_01\033600000000.sdatb
2014.10.22 18:01:47	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 681
		Measurement Path: Measurements_01\033650000000.sdatb
2014.10.22 18:04:10	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 682
		Measurement Path: Measurements_01\033700000000.sdatb
2014.10.22 18:06:32	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 683
		Measurement Path: Measurements_01\033750000000.sdatb
2014.10.22 18:08:55	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 684
		Measurement Path: Measurements_01\033800000000.sdatb
2014.10.22 18:11:17	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 685
		Measurement Path: Measurements_01\033850000000.sdatb
2014.10.22 18:13:40	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 686
		Measurement Path: Measurements_01\033900000000.sdatb
2014.10.22 18:16:02	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 687
		Measurement Path: Measurements_01\033950000000.sdatb
2014.10.22 18:18:24	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 688
		Measurement Path: Measurements_01\034000000000.sdatb

Figure 50: Journal used for the PNA E8364C Noise measurements - 33.

2014.10.22 18:20:47	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 689
		Measurement Path: Measurements_01\034050000000.sdatb
2014.10.22 18:23:09	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 690
		Measurement Path: Measurements_01\034100000000.sdatb
2014.10.22 18:25:32	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 691
		Measurement Path: Measurements_01\034150000000.sdatb
2014.10.22 18:27:54	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 692
		Measurement Path: Measurements_01\034200000000.sdatb
2014.10.22 18:30:17	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 693
		Measurement Path: Measurements_01\034250000000.sdatb
2014.10.22 18:32:39	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 694
		Measurement Path: Measurements_01\034300000000.sdatb
2014.10.22 18:35:02	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 695
		Measurement Path: Measurements_01\034350000000.sdatb
2014.10.22 18:37:24	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 696
		Measurement Path: Measurements_01\034400000000.sdatb
2014.10.22 18:39:47	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 697
		Measurement Path: Measurements_01\034450000000.sdatb
2014.10.22 18:42:09	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 698
		Measurement Path: Measurements_01\034500000000.sdatb
2014.10.22 18:44:32	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 699
		Measurement Path: Measurements_01\034550000000.sdatb
2014.10.22 18:46:54	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 700
		Measurement Path: Measurements_01\034600000000.sdatb
2014.10.22 18:49:17	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 701
		Measurement Path: Measurements_01\034650000000.sdatb
2014.10.22 18:51:39	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 702
		Measurement Path: Measurements_01\034700000000.sdatb
2014.10.22 18:54:02	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 703
		Measurement Path: Measurements_01\034750000000.sdatb
2014.10.22 18:56:24	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 704
		Measurement Path: Measurements_01\034800000000.sdatb
2014.10.22 18:58:47	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 705
		Measurement Path: Measurements_01\034850000000.sdatb
2014.10.22 19:01:09	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 706
		Measurement Path: Measurements_01\034900000000.sdatb
2014.10.22 19:03:32	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 707
		Measurement Path: Measurements_01\034950000000.sdatb
2014.10.22 19:05:54	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 708
		Measurement Path: Measurements_01\035000000000.sdatb
2014.10.22 19:08:17	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 709
		Measurement Path: Measurements_01\035050000000.sdatb

Figure 51: Journal used for the PNA E8364C Noise measurements - 34.

2014.10.22 19:10:39	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 710
		Measurement Path: Measurements_01\035100000000.sdatb
2014.10.22 19:13:02	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 711
		Measurement Path: Measurements_01\035150000000.sdatb
2014.10.22 19:15:24	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 712
		Measurement Path: Measurements_01\035200000000.sdatb
2014.10.22 19:17:47	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 713
		Measurement Path: Measurements_01\035250000000.sdatb
2014.10.22 19:20:09	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 714
		Measurement Path: Measurements_01\035300000000.sdatb
2014.10.22 19:22:31	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 715
		Measurement Path: Measurements_01\035350000000.sdatb
2014.10.22 19:24:54	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 716
		Measurement Path: Measurements_01\035400000000.sdatb
2014.10.22 19:27:16	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 717
		Measurement Path: Measurements_01\035450000000.sdatb
2014.10.22 19:29:39	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 718
		Measurement Path: Measurements_01\035500000000.sdatb
2014.10.22 19:32:01	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 719
		Measurement Path: Measurements_01\035550000000.sdatb
2014.10.22 19:34:24	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 720
		Measurement Path: Measurements_01\035600000000.sdatb
2014.10.22 19:36:46	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 721
		Measurement Path: Measurements_01\035650000000.sdatb
2014.10.22 19:39:09	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 722
		Measurement Path: Measurements_01\035700000000.sdatb
2014.10.22 19:41:31	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 723
		Measurement Path: Measurements_01\035750000000.sdatb
2014.10.22 19:43:54	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 724
		Measurement Path: Measurements_01\035800000000.sdatb
2014.10.22 19:46:16	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 725
		Measurement Path: Measurements_01\035850000000.sdatb
2014.10.22 19:48:39	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 726
		Measurement Path: Measurements_01\035900000000.sdatb
2014.10.22 19:51:01	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 727
		Measurement Path: Measurements_01\035950000000.sdatb
2014.10.22 19:53:24	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 728
		Measurement Path: Measurements_01\036000000000.sdatb
2014.10.22 19:55:46	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 729
		Measurement Path: Measurements_01\036050000000.sdatb
2014.10.22 19:58:09	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 730
		Measurement Path: Measurements_01\036100000000.sdatb

Figure 52: Journal used for the PNA E8364C Noise measurements - 35.

2014.10.22 20:00:31	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 731
		Measurement Path: Measurements_01\036150000000.sdatb
2014.10.22 20:02:54	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 732
		Measurement Path: Measurements_01\036200000000.sdatb
2014.10.22 20:05:16	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 733
		Measurement Path: Measurements_01\036250000000.sdatb
2014.10.22 20:07:38	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 734
		Measurement Path: Measurements_01\036300000000.sdatb
2014.10.22 20:10:01	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 735
		Measurement Path: Measurements_01\036350000000.sdatb
2014.10.22 20:12:23	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 736
		Measurement Path: Measurements_01\036400000000.sdatb
2014.10.22 20:14:46	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 737
		Measurement Path: Measurements_01\036450000000.sdatb
2014.10.22 20:17:08	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 738
		Measurement Path: Measurements_01\036500000000.sdatb
2014.10.22 20:19:31	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 739
		Measurement Path: Measurements_01\036550000000.sdatb
2014.10.22 20:21:53	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 740
		Measurement Path: Measurements_01\036600000000.sdatb
2014.10.22 20:24:16	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 741
		Measurement Path: Measurements_01\036650000000.sdatb
2014.10.22 20:26:38	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 742
		Measurement Path: Measurements_01\036700000000.sdatb
2014.10.22 20:29:01	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 743
		Measurement Path: Measurements_01\036750000000.sdatb
2014.10.22 20:31:23	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 744
		Measurement Path: Measurements_01\036800000000.sdatb
2014.10.22 20:33:46	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 745
		Measurement Path: Measurements_01\036850000000.sdatb
2014.10.22 20:36:08	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 746
		Measurement Path: Measurements_01\036900000000.sdatb
2014.10.22 20:38:31	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 747
		Measurement Path: Measurements_01\036950000000.sdatb
2014.10.22 20:40:53	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 748
		Measurement Path: Measurements_01\037000000000.sdatb
2014.10.22 20:43:16	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 749
		Measurement Path: Measurements_01\037050000000.sdatb
2014.10.22 20:45:38	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 750
		Measurement Path: Measurements_01\037100000000.sdatb
2014.10.22 20:48:01	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 751
		Measurement Path: Measurements_01\037150000000.sdatb

Figure 53: Journal used for the PNA E8364C Noise measurements - 36.

2014.10.22 20:50:23	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 752
		Measurement Path: Measurements_01\037200000000.sdatb
2014.10.22 20:52:46	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 753
		Measurement Path: Measurements_01\037250000000.sdatb
2014.10.22 20:55:08	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 754
		Measurement Path: Measurements_01\037300000000.sdatb
2014.10.22 20:57:31	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 755
		Measurement Path: Measurements_01\037350000000.sdatb
2014.10.22 20:59:53	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 756
		Measurement Path: Measurements_01\037400000000.sdatb
2014.10.22 21:02:16	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 757
		Measurement Path: Measurements_01\037450000000.sdatb
2014.10.22 21:04:38	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 758
		Measurement Path: Measurements_01\037500000000.sdatb
2014.10.22 21:07:00	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 759
		Measurement Path: Measurements_01\037550000000.sdatb
2014.10.22 21:09:23	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 760
		Measurement Path: Measurements_01\037600000000.sdatb
2014.10.22 21:11:45	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 761
		Measurement Path: Measurements_01\037650000000.sdatb
2014.10.22 21:14:08	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 762
		Measurement Path: Measurements_01\037700000000.sdatb
2014.10.22 21:16:30	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 763
		Measurement Path: Measurements_01\037750000000.sdatb
2014.10.22 21:18:53	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 764
		Measurement Path: Measurements_01\037800000000.sdatb
2014.10.22 21:21:15	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 765
		Measurement Path: Measurements_01\037850000000.sdatb
2014.10.22 21:23:38	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 766
		Measurement Path: Measurements_01\037900000000.sdatb
2014.10.22 21:26:00	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 767
		Measurement Path: Measurements_01\037950000000.sdatb
2014.10.22 21:28:23	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 768
		Measurement Path: Measurements_01\038000000000.sdatb
2014.10.22 21:30:45	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 769
		Measurement Path: Measurements_01\038050000000.sdatb
2014.10.22 21:33:08	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 770
		Measurement Path: Measurements_01\038100000000.sdatb
2014.10.22 21:35:30	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 771
		Measurement Path: Measurements_01\038150000000.sdatb
2014.10.22 21:37:53	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 772
		Measurement Path: Measurements_01\038200000000.sdatb

Figure 54: Journal used for the PNA E8364C Noise measurements - 37.

2014.10.22 21:40:15	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 773
		Measurement Path: Measurements_01\038250000000.sdatb
2014.10.22 21:42:38	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 774
		Measurement Path: Measurements_01\038300000000.sdatb
2014.10.22 21:45:00	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 775
		Measurement Path: Measurements_01\038350000000.sdatb
2014.10.22 21:47:23	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 776
		Measurement Path: Measurements_01\038400000000.sdatb
2014.10.22 21:49:45	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 777
		Measurement Path: Measurements_01\038450000000.sdatb
2014.10.22 21:52:08	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 778
		Measurement Path: Measurements_01\038500000000.sdatb
2014.10.22 21:54:30	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 779
		Measurement Path: Measurements_01\038550000000.sdatb
2014.10.22 21:56:53	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 780
		Measurement Path: Measurements_01\038600000000.sdatb
2014.10.22 21:59:15	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 781
		Measurement Path: Measurements_01\038650000000.sdatb
2014.10.22 22:01:38	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 782
		Measurement Path: Measurements_01\038700000000.sdatb
2014.10.22 22:04:00	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 783
		Measurement Path: Measurements_01\038750000000.sdatb
2014.10.22 22:06:23	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 784
		Measurement Path: Measurements_01\038800000000.sdatb
2014.10.22 22:08:45	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 785
		Measurement Path: Measurements_01\038850000000.sdatb
2014.10.22 22:11:08	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 786
		Measurement Path: Measurements_01\038900000000.sdatb
2014.10.22 22:13:30	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 787
		Measurement Path: Measurements_01\038950000000.sdatb
2014.10.22 22:15:53	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 788
		Measurement Path: Measurements_01\039000000000.sdatb
2014.10.22 22:18:15	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 789
		Measurement Path: Measurements_01\039050000000.sdatb
2014.10.22 22:20:38	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 790
		Measurement Path: Measurements_01\039100000000.sdatb
2014.10.22 22:23:00	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 791
		Measurement Path: Measurements_01\039150000000.sdatb
2014.10.22 22:25:22	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 792
		Measurement Path: Measurements_01\039200000000.sdatb
2014.10.22 22:27:45	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 793
		Measurement Path: Measurements_01\039250000000.sdatb

Figure 55: Journal used for the PNA E8364C Noise measurements - 38.

2014.10.22 22:30:07	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 794
		Measurement Path: Measurements_01\039300000000.sdatb
2014.10.22 22:32:30	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 795
		Measurement Path: Measurements_01\039350000000.sdatb
2014.10.22 22:34:52	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 796
		Measurement Path: Measurements_01\039400000000.sdatb
2014.10.22 22:37:15	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 797
		Measurement Path: Measurements_01\039450000000.sdatb
2014.10.22 22:39:37	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 798
		Measurement Path: Measurements_01\039500000000.sdatb
2014.10.22 22:42:00	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 799
		Measurement Path: Measurements_01\039550000000.sdatb
2014.10.22 22:44:22	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 800
		Measurement Path: Measurements_01\039600000000.sdatb
2014.10.22 22:46:45	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 801
		Measurement Path: Measurements_01\039650000000.sdatb
2014.10.22 22:49:07	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 802
		Measurement Path: Measurements_01\039700000000.sdatb
2014.10.22 22:51:30	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 803
		Measurement Path: Measurements_01\039750000000.sdatb
2014.10.22 22:53:52	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 804
		Measurement Path: Measurements_01\039800000000.sdatb
2014.10.22 22:56:15	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 805
		Measurement Path: Measurements_01\039850000000.sdatb
2014.10.22 22:58:37	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 806
		Measurement Path: Measurements_01\039900000000.sdatb
2014.10.22 23:01:00	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 807
		Measurement Path: Measurements_01\039950000000.sdatb
2014.10.22 23:03:22	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 808
		Measurement Path: Measurements_01\040000000000.sdatb
2014.10.22 23:05:45	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 809
		Measurement Path: Measurements_01\040050000000.sdatb
2014.10.22 23:08:07	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 810
		Measurement Path: Measurements_01\040100000000.sdatb
2014.10.22 23:10:30	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 811
		Measurement Path: Measurements_01\040150000000.sdatb
2014.10.22 23:12:52	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 812
		Measurement Path: Measurements_01\040200000000.sdatb
2014.10.22 23:15:15	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 813
		Measurement Path: Measurements_01\040250000000.sdatb
2014.10.22 23:17:37	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 814
		Measurement Path: Measurements_01\040300000000.sdatb

Figure 56: Journal used for the PNA E8364C Noise measurements - 39.

2014.10.22 23:20:00	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 815
		Measurement Path: Measurements_01\040350000000.sdatb
2014.10.22 23:22:22	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 816
		Measurement Path: Measurements_01\040400000000.sdatb
2014.10.22 23:24:44	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 817
		Measurement Path: Measurements_01\040450000000.sdatb
2014.10.22 23:27:07	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 818
		Measurement Path: Measurements_01\040500000000.sdatb
2014.10.22 23:29:29	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 819
		Measurement Path: Measurements_01\040550000000.sdatb
2014.10.22 23:31:52	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 820
		Measurement Path: Measurements_01\040600000000.sdatb
2014.10.22 23:34:14	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 821
		Measurement Path: Measurements_01\040650000000.sdatb
2014.10.22 23:36:37	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 822
		Measurement Path: Measurements_01\040700000000.sdatb
2014.10.22 23:38:59	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 823
		Measurement Path: Measurements_01\040750000000.sdatb
2014.10.22 23:41:22	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 824
		Measurement Path: Measurements_01\040800000000.sdatb
2014.10.22 23:43:44	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 825
		Measurement Path: Measurements_01\040850000000.sdatb
2014.10.22 23:46:07	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 826
		Measurement Path: Measurements_01\040900000000.sdatb
2014.10.22 23:48:29	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 827
		Measurement Path: Measurements_01\040950000000.sdatb
2014.10.22 23:50:52	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 828
		Measurement Path: Measurements_01\041000000000.sdatb
2014.10.22 23:53:14	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 829
		Measurement Path: Measurements_01\041050000000.sdatb
2014.10.22 23:55:37	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 830
		Measurement Path: Measurements_01\041100000000.sdatb
2014.10.22 23:57:59	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 831
		Measurement Path: Measurements_01\041150000000.sdatb
2014.10.23 00:00:22	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 832
		Measurement Path: Measurements_01\041200000000.sdatb
2014.10.23 00:02:44	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 833
		Measurement Path: Measurements_01\041250000000.sdatb
2014.10.23 00:05:07	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 834
		Measurement Path: Measurements_01\041300000000.sdatb
2014.10.23 00:07:29	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 835
		Measurement Path: Measurements_01\041350000000.sdatb

Figure 57: Journal used for the PNA E8364C Noise measurements - 40.

2014.10.23 00:09:52	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 836
		Measurement Path: Measurements_01\041400000000.sdatb
2014.10.23 00:12:14	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 837
		Measurement Path: Measurements_01\041450000000.sdatb
2014.10.23 00:14:37	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 838
		Measurement Path: Measurements_01\041500000000.sdatb
2014.10.23 00:16:59	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 839
		Measurement Path: Measurements_01\041550000000.sdatb
2014.10.23 00:19:22	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 840
		Measurement Path: Measurements_01\041600000000.sdatb
2014.10.23 00:21:44	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 841
		Measurement Path: Measurements_01\041650000000.sdatb
2014.10.23 00:24:06	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 842
		Measurement Path: Measurements_01\041700000000.sdatb
2014.10.23 00:26:29	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 843
		Measurement Path: Measurements_01\041750000000.sdatb
2014.10.23 00:28:51	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 844
		Measurement Path: Measurements_01\041800000000.sdatb
2014.10.23 00:31:14	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 845
		Measurement Path: Measurements_01\041850000000.sdatb
2014.10.23 00:33:36	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 846
		Measurement Path: Measurements_01\041900000000.sdatb
2014.10.23 00:35:59	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 847
		Measurement Path: Measurements_01\041950000000.sdatb
2014.10.23 00:38:21	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 848
		Measurement Path: Measurements_01\042000000000.sdatb
2014.10.23 00:40:44	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 849
		Measurement Path: Measurements_01\042050000000.sdatb
2014.10.23 00:43:06	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 850
		Measurement Path: Measurements_01\042100000000.sdatb
2014.10.23 00:45:29	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 851
		Measurement Path: Measurements_01\042150000000.sdatb
2014.10.23 00:47:51	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 852
		Measurement Path: Measurements_01\042200000000.sdatb
2014.10.23 00:50:14	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 853
		Measurement Path: Measurements_01\042250000000.sdatb
2014.10.23 00:52:36	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 854
		Measurement Path: Measurements_01\042300000000.sdatb
2014.10.23 00:54:59	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 855
		Measurement Path: Measurements_01\042350000000.sdatb
2014.10.23 00:57:21	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 856
		Measurement Path: Measurements_01\042400000000.sdatb

Figure 58: Journal used for the PNA E8364C Noise measurements - 41.

2014.10.23 00:59:44	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 857
		Measurement Path: Measurements_01\042450000000.sdatb
2014.10.23 01:02:06	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 858
		Measurement Path: Measurements_01\042500000000.sdatb
2014.10.23 01:04:29	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 859
		Measurement Path: Measurements_01\042550000000.sdatb
2014.10.23 01:06:51	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 860
		Measurement Path: Measurements_01\042600000000.sdatb
2014.10.23 01:09:14	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 861
		Measurement Path: Measurements_01\042650000000.sdatb
2014.10.23 01:11:36	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 862
		Measurement Path: Measurements_01\042700000000.sdatb
2014.10.23 01:13:59	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 863
		Measurement Path: Measurements_01\042750000000.sdatb
2014.10.23 01:16:21	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 864
		Measurement Path: Measurements_01\042800000000.sdatb
2014.10.23 01:18:44	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 865
		Measurement Path: Measurements_01\042850000000.sdatb
2014.10.23 01:21:06	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 866
		Measurement Path: Measurements_01\042900000000.sdatb
2014.10.23 01:23:29	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 867
		Measurement Path: Measurements_01\042950000000.sdatb
2014.10.23 01:25:51	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 868
		Measurement Path: Measurements_01\043000000000.sdatb
2014.10.23 01:28:14	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 869
		Measurement Path: Measurements_01\043050000000.sdatb
2014.10.23 01:30:36	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 870
		Measurement Path: Measurements_01\043100000000.sdatb
2014.10.23 01:32:59	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 871
		Measurement Path: Measurements_01\043150000000.sdatb
2014.10.23 01:35:21	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 872
		Measurement Path: Measurements_01\043200000000.sdatb
2014.10.23 01:37:43	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 873
		Measurement Path: Measurements_01\043250000000.sdatb
2014.10.23 01:40:06	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 874
		Measurement Path: Measurements_01\043300000000.sdatb
2014.10.23 01:42:28	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 875
		Measurement Path: Measurements_01\043350000000.sdatb
2014.10.23 01:44:51	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 876
		Measurement Path: Measurements_01\043400000000.sdatb
2014.10.23 01:47:13	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 877
		Measurement Path: Measurements_01\043450000000.sdatb

Figure 59: Journal used for the PNA E8364C Noise measurements - 42.

2014.10.23 01:49:36	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 878
		Measurement Path: Measurements_01\043500000000.sdatb
2014.10.23 01:51:58	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 879
		Measurement Path: Measurements_01\043550000000.sdatb
2014.10.23 01:54:21	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 880
		Measurement Path: Measurements_01\043600000000.sdatb
2014.10.23 01:56:43	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 881
		Measurement Path: Measurements_01\043650000000.sdatb
2014.10.23 01:59:06	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 882
		Measurement Path: Measurements_01\043700000000.sdatb
2014.10.23 02:01:28	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 883
		Measurement Path: Measurements_01\043750000000.sdatb
2014.10.23 02:03:51	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 884
		Measurement Path: Measurements_01\043800000000.sdatb
2014.10.23 02:06:13	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 885
		Measurement Path: Measurements_01\043850000000.sdatb
2014.10.23 02:08:36	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 886
		Measurement Path: Measurements_01\043900000000.sdatb
2014.10.23 02:10:58	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 887
		Measurement Path: Measurements_01\043950000000.sdatb
2014.10.23 02:13:21	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 888
		Measurement Path: Measurements_01\044000000000.sdatb
2014.10.23 02:15:43	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 889
		Measurement Path: Measurements_01\044050000000.sdatb
2014.10.23 02:18:06	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 890
		Measurement Path: Measurements_01\044100000000.sdatb
2014.10.23 02:20:28	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 891
		Measurement Path: Measurements_01\044150000000.sdatb
2014.10.23 02:22:51	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 892
		Measurement Path: Measurements_01\044200000000.sdatb
2014.10.23 02:25:13	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 893
		Measurement Path: Measurements_01\044250000000.sdatb
2014.10.23 02:27:35	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 894
		Measurement Path: Measurements_01\044300000000.sdatb
2014.10.23 02:29:58	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 895
		Measurement Path: Measurements_01\044350000000.sdatb
2014.10.23 02:32:20	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 896
		Measurement Path: Measurements_01\044400000000.sdatb
2014.10.23 02:34:43	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 897
		Measurement Path: Measurements_01\044450000000.sdatb
2014.10.23 02:37:05	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 898
		Measurement Path: Measurements_01\044500000000.sdatb

Figure 60: Journal used for the PNA E8364C Noise measurements - 43.

2014.10.23 02:39:28	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 899
		Measurement Path: Measurements_01\044550000000.sdatb
2014.10.23 02:41:50	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 900
		Measurement Path: Measurements_01\044600000000.sdatb
2014.10.23 02:44:13	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 901
		Measurement Path: Measurements_01\044650000000.sdatb
2014.10.23 02:46:35	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 902
		Measurement Path: Measurements_01\044700000000.sdatb
2014.10.23 02:48:58	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 903
		Measurement Path: Measurements_01\044750000000.sdatb
2014.10.23 02:51:20	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 904
		Measurement Path: Measurements_01\044800000000.sdatb
2014.10.23 02:53:43	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 905
		Measurement Path: Measurements_01\044850000000.sdatb
2014.10.23 02:56:05	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 906
		Measurement Path: Measurements_01\044900000000.sdatb
2014.10.23 02:58:28	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 907
		Measurement Path: Measurements_01\044950000000.sdatb
2014.10.23 03:00:50	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 908
		Measurement Path: Measurements_01\045000000000.sdatb
2014.10.23 03:03:13	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 909
		Measurement Path: Measurements_01\045050000000.sdatb
2014.10.23 03:05:35	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 910
		Measurement Path: Measurements_01\045100000000.sdatb
2014.10.23 03:07:58	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 911
		Measurement Path: Measurements_01\045150000000.sdatb
2014.10.23 03:10:20	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 912
		Measurement Path: Measurements_01\045200000000.sdatb
2014.10.23 03:12:42	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 913
		Measurement Path: Measurements_01\045250000000.sdatb
2014.10.23 03:15:05	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 914
		Measurement Path: Measurements_01\045300000000.sdatb
2014.10.23 03:17:27	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 915
		Measurement Path: Measurements_01\045350000000.sdatb
2014.10.23 03:19:50	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 916
		Measurement Path: Measurements_01\045400000000.sdatb
2014.10.23 03:22:12	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 917
		Measurement Path: Measurements_01\045450000000.sdatb
2014.10.23 03:24:35	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 918
		Measurement Path: Measurements_01\045500000000.sdatb
2014.10.23 03:26:57	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 919
		Measurement Path: Measurements_01\045550000000.sdatb

Figure 61: Journal used for the PNA E8364C Noise measurements - 44.

2014.10.23 03:29:20	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 920
		Measurement Path: Measurements_01\045600000000.sdatb
2014.10.23 03:31:42	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 921
		Measurement Path: Measurements_01\045650000000.sdatb
2014.10.23 03:34:05	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 922
		Measurement Path: Measurements_01\045700000000.sdatb
2014.10.23 03:36:27	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 923
		Measurement Path: Measurements_01\045750000000.sdatb
2014.10.23 03:38:50	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 924
		Measurement Path: Measurements_01\045800000000.sdatb
2014.10.23 03:41:12	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 925
		Measurement Path: Measurements_01\045850000000.sdatb
2014.10.23 03:43:35	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 926
		Measurement Path: Measurements_01\045900000000.sdatb
2014.10.23 03:45:57	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 927
		Measurement Path: Measurements_01\045950000000.sdatb
2014.10.23 03:48:20	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 928
		Measurement Path: Measurements_01\046000000000.sdatb
2014.10.23 03:50:42	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 929
		Measurement Path: Measurements_01\046050000000.sdatb
2014.10.23 03:53:05	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 930
		Measurement Path: Measurements_01\046100000000.sdatb
2014.10.23 03:55:27	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 931
		Measurement Path: Measurements_01\046150000000.sdatb
2014.10.23 03:57:50	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 932
		Measurement Path: Measurements_01\046200000000.sdatb
2014.10.23 04:00:12	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 933
		Measurement Path: Measurements_01\046250000000.sdatb
2014.10.23 04:02:35	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 934
		Measurement Path: Measurements_01\046300000000.sdatb
2014.10.23 04:04:57	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 935
		Measurement Path: Measurements_01\046350000000.sdatb
2014.10.23 04:07:20	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 936
		Measurement Path: Measurements_01\046400000000.sdatb
2014.10.23 04:09:42	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 937
		Measurement Path: Measurements_01\046450000000.sdatb
2014.10.23 04:12:05	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 938
		Measurement Path: Measurements_01\046500000000.sdatb
2014.10.23 04:14:27	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 939
		Measurement Path: Measurements_01\046550000000.sdatb
2014.10.23 04:16:49	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 940
		Measurement Path: Measurements_01\046600000000.sdatb

Figure 62: Journal used for the PNA E8364C Noise measurements - 45.

2014.10.23 04:19:12	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 941
		Measurement Path: Measurements_01\046650000000.sdatb
2014.10.23 04:21:34	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 942
		Measurement Path: Measurements_01\046700000000.sdatb
2014.10.23 04:23:57	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 943
		Measurement Path: Measurements_01\046750000000.sdatb
2014.10.23 04:26:19	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 944
		Measurement Path: Measurements_01\046800000000.sdatb
2014.10.23 04:28:42	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 945
		Measurement Path: Measurements_01\046850000000.sdatb
2014.10.23 04:31:04	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 946
		Measurement Path: Measurements_01\046900000000.sdatb
2014.10.23 04:33:27	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 947
		Measurement Path: Measurements_01\046950000000.sdatb
2014.10.23 04:35:49	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 948
		Measurement Path: Measurements_01\047000000000.sdatb
2014.10.23 04:38:12	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 949
		Measurement Path: Measurements_01\047050000000.sdatb
2014.10.23 04:40:34	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 950
		Measurement Path: Measurements_01\047100000000.sdatb
2014.10.23 04:42:57	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 951
		Measurement Path: Measurements_01\047150000000.sdatb
2014.10.23 04:45:19	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 952
		Measurement Path: Measurements_01\047200000000.sdatb
2014.10.23 04:47:42	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 953
		Measurement Path: Measurements_01\047250000000.sdatb
2014.10.23 04:50:04	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 954
		Measurement Path: Measurements_01\047300000000.sdatb
2014.10.23 04:52:27	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 955
		Measurement Path: Measurements_01\047350000000.sdatb
2014.10.23 04:54:49	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 956
		Measurement Path: Measurements_01\047400000000.sdatb
2014.10.23 04:57:12	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 957
		Measurement Path: Measurements_01\047450000000.sdatb
2014.10.23 04:59:34	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 958
		Measurement Path: Measurements_01\047500000000.sdatb
2014.10.23 05:01:57	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 959
		Measurement Path: Measurements_01\047550000000.sdatb
2014.10.23 05:04:19	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 960
		Measurement Path: Measurements_01\047600000000.sdatb
2014.10.23 05:06:42	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 961
		Measurement Path: Measurements_01\047650000000.sdatb

Figure 63: Journal used for the PNA E8364C Noise measurements - 46.

2014.10.23 05:09:04	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 962
		Measurement Path: Measurements_01\047700000000.sdatb
2014.10.23 05:11:27	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 963
		Measurement Path: Measurements_01\047750000000.sdatb
2014.10.23 05:13:49	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 964
		Measurement Path: Measurements_01\047800000000.sdatb
2014.10.23 05:16:12	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 965
		Measurement Path: Measurements_01\047850000000.sdatb
2014.10.23 05:18:34	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 966
		Measurement Path: Measurements_01\047900000000.sdatb
2014.10.23 05:20:57	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 967
		Measurement Path: Measurements_01\047950000000.sdatb
2014.10.23 05:23:19	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 968
		Measurement Path: Measurements_01\048000000000.sdatb
2014.10.23 05:25:42	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 969
		Measurement Path: Measurements_01\048050000000.sdatb
2014.10.23 05:28:04	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 970
		Measurement Path: Measurements_01\048100000000.sdatb
2014.10.23 05:30:27	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 971
		Measurement Path: Measurements_01\048150000000.sdatb
2014.10.23 05:32:49	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 972
		Measurement Path: Measurements_01\048200000000.sdatb
2014.10.23 05:35:12	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 973
		Measurement Path: Measurements_01\048250000000.sdatb
2014.10.23 05:37:34	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 974
		Measurement Path: Measurements_01\048300000000.sdatb
2014.10.23 05:39:57	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 975
		Measurement Path: Measurements_01\048350000000.sdatb
2014.10.23 05:42:19	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 976
		Measurement Path: Measurements_01\048400000000.sdatb
2014.10.23 05:44:41	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 977
		Measurement Path: Measurements_01\048450000000.sdatb
2014.10.23 05:47:04	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 978
		Measurement Path: Measurements_01\048500000000.sdatb
2014.10.23 05:49:26	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 979
		Measurement Path: Measurements_01\048550000000.sdatb
2014.10.23 05:51:49	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 980
		Measurement Path: Measurements_01\048600000000.sdatb
2014.10.23 05:54:11	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 981
		Measurement Path: Measurements_01\048650000000.sdatb
2014.10.23 05:56:34	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 982
		Measurement Path: Measurements_01\048700000000.sdatb

Figure 64: Journal used for the PNA E8364C Noise measurements - 47.

2014.10.23 05:58:56	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 983
		Measurement Path: Measurements_01\048750000000.sdatb
2014.10.23 06:01:19	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 984
		Measurement Path: Measurements_01\048800000000.sdatb
2014.10.23 06:03:41	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 985
		Measurement Path: Measurements_01\048850000000.sdatb
2014.10.23 06:06:04	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 986
		Measurement Path: Measurements_01\048900000000.sdatb
2014.10.23 06:08:26	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 987
		Measurement Path: Measurements_01\048950000000.sdatb
2014.10.23 06:10:49	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 988
		Measurement Path: Measurements_01\049000000000.sdatb
2014.10.23 06:13:11	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 989
		Measurement Path: Measurements_01\049050000000.sdatb
2014.10.23 06:15:34	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 990
		Measurement Path: Measurements_01\049100000000.sdatb
2014.10.23 06:17:56	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 991
		Measurement Path: Measurements_01\049150000000.sdatb
2014.10.23 06:20:19	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 992
		Measurement Path: Measurements_01\049200000000.sdatb
2014.10.23 06:22:41	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 993
		Measurement Path: Measurements_01\049250000000.sdatb
2014.10.23 06:25:04	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 994
		Measurement Path: Measurements_01\049300000000.sdatb
2014.10.23 06:27:26	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 995
		Measurement Path: Measurements_01\049350000000.sdatb
2014.10.23 06:29:48	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 996
		Measurement Path: Measurements_01\049400000000.sdatb
2014.10.23 06:32:11	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 997
		Measurement Path: Measurements_01\049450000000.sdatb
2014.10.23 06:34:33	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 998
		Measurement Path: Measurements_01\049500000000.sdatb
2014.10.23 06:36:56	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 999
		Measurement Path: Measurements_01\049550000000.sdatb
2014.10.23 06:39:18	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1000
		Measurement Path: Measurements_01\049600000000.sdatb
2014.10.23 06:41:41	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1001
		Measurement Path: Measurements_01\049650000000.sdatb
2014.10.23 06:44:03	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1002
		Measurement Path: Measurements_01\049700000000.sdatb
2014.10.23 06:46:26	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1003
		Measurement Path: Measurements_01\049750000000.sdatb

Figure 65: Journal used for the PNA E8364C Noise measurements - 48.

2014.10.23 06:48:48	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1004
		Measurement Path: Measurements_01\049800000000.sdatb
2014.10.23 06:51:11	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1005
		Measurement Path: Measurements_01\049850000000.sdatb
2014.10.23 06:53:33	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1006
		Measurement Path: Measurements_01\049900000000.sdatb
2014.10.23 06:55:56	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1007
		Measurement Path: Measurements_01\049950000000.sdatb
2014.10.23 06:58:18	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1008
		Measurement Path: Measurements_01\050000000000.sdatb
2014.10.23 08:55:42	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1009
		Measurement Path: Measurements_02\000010000000.sdatb
2014.10.23 08:58:04	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1010
		Measurement Path: Measurements_02\000020000000.sdatb
2014.10.23 09:00:27	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1011
		Measurement Path: Measurements_02\000030000000.sdatb
2014.10.23 09:02:49	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1012
		Measurement Path: Measurements_02\000040000000.sdatb
2014.10.23 09:05:12	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1013
		Measurement Path: Measurements_02\000050000000.sdatb
2014.10.23 09:07:34	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1014
		Measurement Path: Measurements_02\000060000000.sdatb
2014.10.23 09:09:57	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1015
		Measurement Path: Measurements_02\000070000000.sdatb
2014.10.23 09:12:19	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1016
		Measurement Path: Measurements_02\000080000000.sdatb
2014.10.23 09:14:42	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1017
		Measurement Path: Measurements_02\000090000000.sdatb
2014.10.23 09:17:04	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1018
		Measurement Path: Measurements_02\000100000000.sdatb
2014.10.23 09:19:27	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1019
		Measurement Path: Measurements_02\000150000000.sdatb
2014.10.23 09:21:49	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1020
		Measurement Path: Measurements_02\000200000000.sdatb
2014.10.23 09:24:12	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1021
		Measurement Path: Measurements_02\000250000000.sdatb
2014.10.23 09:26:34	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1022
		Measurement Path: Measurements_02\000300000000.sdatb
2014.10.23 09:28:57	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1023
		Measurement Path: Measurements_02\000350000000.sdatb
2014.10.23 09:31:19	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1024
		Measurement Path: Measurements_02\000400000000.sdatb

Figure 66: Journal used for the PNA E8364C Noise measurements - 49.

2014.10.23 09:33:41	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1025
		Measurement Path: Measurements_02\000450000000.sdatb
2014.10.23 09:36:04	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1026
		Measurement Path: Measurements_02\000500000000.sdatb
2014.10.23 09:38:26	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1027
		Measurement Path: Measurements_02\000550000000.sdatb
2014.10.23 09:40:49	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1028
		Measurement Path: Measurements_02\000600000000.sdatb
2014.10.23 09:43:11	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1029
		Measurement Path: Measurements_02\000650000000.sdatb
2014.10.23 09:45:34	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1030
		Measurement Path: Measurements_02\000700000000.sdatb
2014.10.23 09:47:56	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1031
		Measurement Path: Measurements_02\000750000000.sdatb
2014.10.23 09:50:19	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1032
		Measurement Path: Measurements_02\000800000000.sdatb
2014.10.23 09:52:41	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1033
		Measurement Path: Measurements_02\000850000000.sdatb
2014.10.23 09:55:04	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1034
		Measurement Path: Measurements_02\000900000000.sdatb
2014.10.23 09:57:26	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1035
		Measurement Path: Measurements_02\000950000000.sdatb
2014.10.23 09:59:49	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1036
		Measurement Path: Measurements_02\001000000000.sdatb
2014.10.23 10:02:11	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1037
		Measurement Path: Measurements_02\001050000000.sdatb
2014.10.23 10:04:34	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1038
		Measurement Path: Measurements_02\001100000000.sdatb
2014.10.23 10:06:56	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1039
		Measurement Path: Measurements_02\001150000000.sdatb
2014.10.23 10:09:19	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1040
		Measurement Path: Measurements_02\001200000000.sdatb
2014.10.23 10:11:41	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1041
		Measurement Path: Measurements_02\001250000000.sdatb
2014.10.23 10:14:04	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1042
		Measurement Path: Measurements_02\001300000000.sdatb
2014.10.23 10:16:26	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1043
		Measurement Path: Measurements_02\001350000000.sdatb
2014.10.23 10:18:49	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1044
		Measurement Path: Measurements_02\001400000000.sdatb
2014.10.23 10:21:11	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1045
		Measurement Path: Measurements_02\001450000000.sdatb

Figure 67: Journal used for the PNA E8364C Noise measurements - 50.

2014.10.23 10:23:34	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1046
		Measurement Path: Measurements_02\001500000000.sdatb
2014.10.23 10:25:56	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1047
		Measurement Path: Measurements_02\001550000000.sdatb
2014.10.23 10:28:19	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1048
		Measurement Path: Measurements_02\001600000000.sdatb
2014.10.23 10:30:41	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1049
		Measurement Path: Measurements_02\001650000000.sdatb
2014.10.23 10:33:04	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1050
		Measurement Path: Measurements_02\001700000000.sdatb
2014.10.23 10:35:26	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1051
		Measurement Path: Measurements_02\001750000000.sdatb
2014.10.23 10:37:48	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1052
		Measurement Path: Measurements_02\001800000000.sdatb
2014.10.23 10:40:11	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1053
		Measurement Path: Measurements_02\001850000000.sdatb
2014.10.23 10:42:33	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1054
		Measurement Path: Measurements_02\001900000000.sdatb
2014.10.23 10:44:56	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1055
		Measurement Path: Measurements_02\001950000000.sdatb
2014.10.23 10:47:18	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1056
		Measurement Path: Measurements_02\002000000000.sdatb
2014.10.23 10:49:41	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1057
		Measurement Path: Measurements_02\002050000000.sdatb
2014.10.23 10:52:03	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1058
		Measurement Path: Measurements_02\002100000000.sdatb
2014.10.23 10:54:26	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1059
		Measurement Path: Measurements_02\002150000000.sdatb
2014.10.23 10:56:48	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1060
		Measurement Path: Measurements_02\002200000000.sdatb
2014.10.23 10:59:11	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1061
		Measurement Path: Measurements_02\002250000000.sdatb
2014.10.23 11:01:33	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1062
		Measurement Path: Measurements_02\002300000000.sdatb
2014.10.23 11:03:56	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1063
		Measurement Path: Measurements_02\002350000000.sdatb
2014.10.23 11:06:18	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1064
		Measurement Path: Measurements_02\002400000000.sdatb
2014.10.23 11:08:41	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1065
		Measurement Path: Measurements_02\002450000000.sdatb
2014.10.23 11:11:03	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1066
		Measurement Path: Measurements_02\002500000000.sdatb

Figure 68: Journal used for the PNA E8364C Noise measurements - 51.

2014.10.23 11:13:26	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1067
		Measurement Path: Measurements_02\002550000000.sdatb
2014.10.23 11:15:48	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1068
		Measurement Path: Measurements_02\002600000000.sdatb
2014.10.23 11:18:11	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1069
		Measurement Path: Measurements_02\002650000000.sdatb
2014.10.23 11:20:33	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1070
		Measurement Path: Measurements_02\002700000000.sdatb
2014.10.23 11:22:56	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1071
		Measurement Path: Measurements_02\002750000000.sdatb
2014.10.23 11:25:18	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1072
		Measurement Path: Measurements_02\002800000000.sdatb
2014.10.23 11:27:41	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1073
		Measurement Path: Measurements_02\002850000000.sdatb
2014.10.23 11:30:03	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1074
		Measurement Path: Measurements_02\002900000000.sdatb
2014.10.23 11:32:26	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1075
		Measurement Path: Measurements_02\002950000000.sdatb
2014.10.23 11:34:48	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1076
		Measurement Path: Measurements_02\003000000000.sdatb
2014.10.23 11:37:11	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1077
		Measurement Path: Measurements_02\003050000000.sdatb
2014.10.23 11:39:33	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1078
		Measurement Path: Measurements_02\003100000000.sdatb
2014.10.23 11:41:56	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1079
		Measurement Path: Measurements_02\003150000000.sdatb
2014.10.23 11:44:18	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1080
		Measurement Path: Measurements_02\003200000000.sdatb
2014.10.23 11:46:41	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1081
		Measurement Path: Measurements_02\003250000000.sdatb
2014.10.23 11:49:03	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1082
		Measurement Path: Measurements_02\003300000000.sdatb
2014.10.23 11:51:25	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1083
		Measurement Path: Measurements_02\003350000000.sdatb
2014.10.23 11:53:48	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1084
		Measurement Path: Measurements_02\003400000000.sdatb
2014.10.23 11:56:10	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1085
		Measurement Path: Measurements_02\003450000000.sdatb
2014.10.23 11:58:33	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1086
		Measurement Path: Measurements_02\003500000000.sdatb
2014.10.23 12:00:55	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1087
		Measurement Path: Measurements_02\003550000000.sdatb

Figure 69: Journal used for the PNA E8364C Noise measurements - 52.

2014.10.23 12:03:18	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1088
		Measurement Path: Measurements_02\003600000000.sdatb
2014.10.23 12:05:40	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1089
		Measurement Path: Measurements_02\003650000000.sdatb
2014.10.23 12:08:03	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1090
		Measurement Path: Measurements_02\003700000000.sdatb
2014.10.23 12:10:25	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1091
		Measurement Path: Measurements_02\003750000000.sdatb
2014.10.23 12:12:48	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1092
		Measurement Path: Measurements_02\003800000000.sdatb
2014.10.23 12:15:10	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1093
		Measurement Path: Measurements_02\003850000000.sdatb
2014.10.23 12:17:33	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1094
		Measurement Path: Measurements_02\003900000000.sdatb
2014.10.23 12:19:55	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1095
		Measurement Path: Measurements_02\003950000000.sdatb
2014.10.23 12:22:18	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1096
		Measurement Path: Measurements_02\004000000000.sdatb
2014.10.23 12:24:40	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1097
		Measurement Path: Measurements_02\004050000000.sdatb
2014.10.23 12:27:03	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1098
		Measurement Path: Measurements_02\004100000000.sdatb
2014.10.23 12:29:25	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1099
		Measurement Path: Measurements_02\004150000000.sdatb
2014.10.23 12:31:48	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1100
		Measurement Path: Measurements_02\004200000000.sdatb
2014.10.23 12:34:10	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1101
		Measurement Path: Measurements_02\004250000000.sdatb
2014.10.23 12:36:33	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1102
		Measurement Path: Measurements_02\004300000000.sdatb
2014.10.23 12:38:55	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1103
		Measurement Path: Measurements_02\004350000000.sdatb
2014.10.23 12:41:18	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1104
		Measurement Path: Measurements_02\004400000000.sdatb
2014.10.23 12:43:40	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1105
		Measurement Path: Measurements_02\004450000000.sdatb
2014.10.23 12:46:03	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1106
		Measurement Path: Measurements_02\004500000000.sdatb
2014.10.23 12:48:25	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1107
		Measurement Path: Measurements_02\004550000000.sdatb
2014.10.23 12:50:48	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1108
		Measurement Path: Measurements_02\004600000000.sdatb

Figure 70: Journal used for the PNA E8364C Noise measurements - 53.

2014.10.23 12:53:10	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1109
		Measurement Path: Measurements_02\004650000000.sdatb
2014.10.23 12:55:33	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1110
		Measurement Path: Measurements_02\004700000000.sdatb
2014.10.23 12:57:55	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1111
		Measurement Path: Measurements_02\004750000000.sdatb
2014.10.23 13:00:18	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1112
		Measurement Path: Measurements_02\004800000000.sdatb
2014.10.23 13:02:40	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1113
		Measurement Path: Measurements_02\004850000000.sdatb
2014.10.23 13:05:03	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1114
		Measurement Path: Measurements_02\004900000000.sdatb
2014.10.23 13:07:25	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1115
		Measurement Path: Measurements_02\004950000000.sdatb
2014.10.23 13:09:47	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1116
		Measurement Path: Measurements_02\005000000000.sdatb
2014.10.23 13:12:10	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1117
		Measurement Path: Measurements_02\005050000000.sdatb
2014.10.23 13:14:32	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1118
		Measurement Path: Measurements_02\005100000000.sdatb
2014.10.23 13:16:55	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1119
		Measurement Path: Measurements_02\005150000000.sdatb
2014.10.23 13:19:17	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1120
		Measurement Path: Measurements_02\005200000000.sdatb
2014.10.23 13:21:40	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1121
		Measurement Path: Measurements_02\005250000000.sdatb
2014.10.23 13:24:02	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1122
		Measurement Path: Measurements_02\005300000000.sdatb
2014.10.23 13:26:25	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1123
		Measurement Path: Measurements_02\005350000000.sdatb
2014.10.23 13:28:47	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1124
		Measurement Path: Measurements_02\005400000000.sdatb
2014.10.23 13:31:10	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1125
		Measurement Path: Measurements_02\005450000000.sdatb
2014.10.23 13:33:32	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1126
		Measurement Path: Measurements_02\005500000000.sdatb
2014.10.23 13:35:55	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1127
		Measurement Path: Measurements_02\005550000000.sdatb
2014.10.23 13:38:17	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1128
		Measurement Path: Measurements_02\005600000000.sdatb
2014.10.23 13:40:40	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1129
		Measurement Path: Measurements_02\005650000000.sdatb

Figure 71: Journal used for the PNA E8364C Noise measurements - 54.

2014.10.23 13:43:02	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1130
		Measurement Path: Measurements_02\005700000000.sdatb
2014.10.23 13:45:25	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1131
		Measurement Path: Measurements_02\005750000000.sdatb
2014.10.23 13:47:47	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1132
		Measurement Path: Measurements_02\005800000000.sdatb
2014.10.23 13:50:10	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1133
		Measurement Path: Measurements_02\005850000000.sdatb
2014.10.23 13:52:32	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1134
		Measurement Path: Measurements_02\005900000000.sdatb
2014.10.23 13:54:55	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1135
		Measurement Path: Measurements_02\005950000000.sdatb
2014.10.23 13:57:17	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1136
		Measurement Path: Measurements_02\006000000000.sdatb
2014.10.23 13:59:39	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1137
		Measurement Path: Measurements_02\006050000000.sdatb
2014.10.23 14:02:02	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1138
		Measurement Path: Measurements_02\006100000000.sdatb
2014.10.23 14:04:24	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1139
		Measurement Path: Measurements_02\006150000000.sdatb
2014.10.23 14:06:47	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1140
		Measurement Path: Measurements_02\006200000000.sdatb
2014.10.23 14:09:09	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1141
		Measurement Path: Measurements_02\006250000000.sdatb
2014.10.23 14:11:32	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1142
		Measurement Path: Measurements_02\006300000000.sdatb
2014.10.23 14:13:54	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1143
		Measurement Path: Measurements_02\006350000000.sdatb
2014.10.23 14:16:17	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1144
		Measurement Path: Measurements_02\006400000000.sdatb
2014.10.23 14:18:39	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1145
		Measurement Path: Measurements_02\006450000000.sdatb
2014.10.23 14:21:02	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1146
		Measurement Path: Measurements_02\006500000000.sdatb
2014.10.23 14:23:24	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1147
		Measurement Path: Measurements_02\006550000000.sdatb
2014.10.23 14:25:47	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1148
		Measurement Path: Measurements_02\006600000000.sdatb
2014.10.23 14:28:09	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1149
		Measurement Path: Measurements_02\006650000000.sdatb
2014.10.23 14:30:32	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1150
		Measurement Path: Measurements_02\006700000000.sdatb

Figure 72: Journal used for the PNA E8364C Noise measurements - 55.

2014.10.23 14:32:54	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1151
		Measurement Path: Measurements_02\006750000000.sdatb
2014.10.23 14:35:17	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1152
		Measurement Path: Measurements_02\006800000000.sdatb
2014.10.23 14:37:39	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1153
		Measurement Path: Measurements_02\006850000000.sdatb
2014.10.23 14:40:02	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1154
		Measurement Path: Measurements_02\006900000000.sdatb
2014.10.23 14:42:24	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1155
		Measurement Path: Measurements_02\006950000000.sdatb
2014.10.23 14:44:47	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1156
		Measurement Path: Measurements_02\007000000000.sdatb
2014.10.23 14:47:09	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1157
		Measurement Path: Measurements_02\007050000000.sdatb
2014.10.23 14:49:32	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1158
		Measurement Path: Measurements_02\007100000000.sdatb
2014.10.23 14:51:54	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1159
		Measurement Path: Measurements_02\007150000000.sdatb
2014.10.23 14:54:17	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1160
		Measurement Path: Measurements_02\007200000000.sdatb
2014.10.23 14:56:39	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1161
		Measurement Path: Measurements_02\007250000000.sdatb
2014.10.23 14:59:02	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1162
		Measurement Path: Measurements_02\007300000000.sdatb
2014.10.23 15:01:24	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1163
		Measurement Path: Measurements_02\007350000000.sdatb
2014.10.23 15:03:46	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1164
		Measurement Path: Measurements_02\007400000000.sdatb
2014.10.23 15:06:09	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1165
		Measurement Path: Measurements_02\007450000000.sdatb
2014.10.23 15:08:31	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1166
		Measurement Path: Measurements_02\007500000000.sdatb
2014.10.23 15:10:54	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1167
		Measurement Path: Measurements_02\007550000000.sdatb
2014.10.23 15:13:17	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1168
		Measurement Path: Measurements_02\007600000000.sdatb
2014.10.23 15:15:39	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1169
		Measurement Path: Measurements_02\007650000000.sdatb
2014.10.23 15:18:01	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1170
		Measurement Path: Measurements_02\007700000000.sdatb
2014.10.23 15:20:24	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1171
		Measurement Path: Measurements_02\007750000000.sdatb

Figure 73: Journal used for the PNA E8364C Noise measurements - 56.

2014.10.23 15:22:46	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1172
		Measurement Path: Measurements_02\007800000000.sdatb
2014.10.23 15:25:09	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1173
		Measurement Path: Measurements_02\007850000000.sdatb
2014.10.23 15:27:31	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1174
		Measurement Path: Measurements_02\007900000000.sdatb
2014.10.23 15:29:54	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1175
		Measurement Path: Measurements_02\007950000000.sdatb
2014.10.23 15:32:16	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1176
		Measurement Path: Measurements_02\008000000000.sdatb
2014.10.23 15:34:39	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1177
		Measurement Path: Measurements_02\008050000000.sdatb
2014.10.23 15:37:01	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1178
		Measurement Path: Measurements_02\008100000000.sdatb
2014.10.23 15:39:24	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1179
		Measurement Path: Measurements_02\008150000000.sdatb
2014.10.23 15:41:46	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1180
		Measurement Path: Measurements_02\008200000000.sdatb
2014.10.23 15:44:09	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1181
		Measurement Path: Measurements_02\008250000000.sdatb
2014.10.23 15:46:31	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1182
		Measurement Path: Measurements_02\008300000000.sdatb
2014.10.23 15:48:54	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1183
		Measurement Path: Measurements_02\008350000000.sdatb
2014.10.23 15:51:16	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1184
		Measurement Path: Measurements_02\008400000000.sdatb
2014.10.23 15:53:39	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1185
		Measurement Path: Measurements_02\008450000000.sdatb
2014.10.23 15:56:01	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1186
		Measurement Path: Measurements_02\008500000000.sdatb
2014.10.23 15:58:24	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1187
		Measurement Path: Measurements_02\008550000000.sdatb
2014.10.23 16:00:46	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1188
		Measurement Path: Measurements_02\008600000000.sdatb
2014.10.23 16:03:09	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1189
		Measurement Path: Measurements_02\008650000000.sdatb
2014.10.23 16:05:31	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1190
		Measurement Path: Measurements_02\008700000000.sdatb
2014.10.23 16:07:54	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1191
		Measurement Path: Measurements_02\008750000000.sdatb
2014.10.23 16:10:16	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1192
		Measurement Path: Measurements_02\008800000000.sdatb

Figure 74: Journal used for the PNA E8364C Noise measurements - 57.

2014.10.23 16:12:39	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1193
		Measurement Path: Measurements_02\008850000000.sdatb
2014.10.23 16:15:01	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1194
		Measurement Path: Measurements_02\008900000000.sdatb
2014.10.23 16:17:24	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1195
		Measurement Path: Measurements_02\008950000000.sdatb
2014.10.23 16:19:46	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1196
		Measurement Path: Measurements_02\009000000000.sdatb
2014.10.23 16:22:09	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1197
		Measurement Path: Measurements_02\009050000000.sdatb
2014.10.23 16:24:31	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1198
		Measurement Path: Measurements_02\009100000000.sdatb
2014.10.23 16:26:53	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1199
		Measurement Path: Measurements_02\009150000000.sdatb
2014.10.23 16:29:16	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1200
		Measurement Path: Measurements_02\009200000000.sdatb
2014.10.23 16:31:38	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1201
		Measurement Path: Measurements_02\009250000000.sdatb
2014.10.23 16:34:01	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1202
		Measurement Path: Measurements_02\009300000000.sdatb
2014.10.23 16:36:23	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1203
		Measurement Path: Measurements_02\009350000000.sdatb
2014.10.23 16:38:46	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1204
		Measurement Path: Measurements_02\009400000000.sdatb
2014.10.23 16:41:08	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1205
		Measurement Path: Measurements_02\009450000000.sdatb
2014.10.23 16:43:31	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1206
		Measurement Path: Measurements_02\009500000000.sdatb
2014.10.23 16:45:53	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1207
		Measurement Path: Measurements_02\009550000000.sdatb
2014.10.23 16:48:16	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1208
		Measurement Path: Measurements_02\009600000000.sdatb
2014.10.23 16:50:38	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1209
		Measurement Path: Measurements_02\009650000000.sdatb
2014.10.23 16:53:01	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1210
		Measurement Path: Measurements_02\009700000000.sdatb
2014.10.23 16:55:23	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1211
		Measurement Path: Measurements_02\009750000000.sdatb
2014.10.23 16:57:46	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1212
		Measurement Path: Measurements_02\009800000000.sdatb
2014.10.23 17:00:08	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1213
		Measurement Path: Measurements_02\009850000000.sdatb

Figure 75: Journal used for the PNA E8364C Noise measurements - 58.

2014.10.23 17:02:31	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1214
		Measurement Path: Measurements_02\009900000000.sdatb
2014.10.23 17:04:53	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1215
		Measurement Path: Measurements_02\009950000000.sdatb
2014.10.23 17:07:16	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1216
		Measurement Path: Measurements_02\010000000000.sdatb
2014.10.23 17:09:38	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1217
		Measurement Path: Measurements_02\010050000000.sdatb
2014.10.23 17:12:01	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1218
		Measurement Path: Measurements_02\010100000000.sdatb
2014.10.23 17:14:23	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1219
		Measurement Path: Measurements_02\010150000000.sdatb
2014.10.23 17:16:46	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1220
		Measurement Path: Measurements_02\010200000000.sdatb
2014.10.23 17:19:08	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1221
		Measurement Path: Measurements_02\010250000000.sdatb
2014.10.23 17:21:31	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1222
		Measurement Path: Measurements_02\010300000000.sdatb
2014.10.23 17:23:53	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1223
		Measurement Path: Measurements_02\010350000000.sdatb
2014.10.23 17:26:16	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1224
		Measurement Path: Measurements_02\010400000000.sdatb
2014.10.23 17:28:38	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1225
		Measurement Path: Measurements_02\010450000000.sdatb
2014.10.23 17:31:00	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1226
		Measurement Path: Measurements_02\010500000000.sdatb
2014.10.23 17:33:23	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1227
		Measurement Path: Measurements_02\010550000000.sdatb
2014.10.23 17:35:45	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1228
		Measurement Path: Measurements_02\010600000000.sdatb
2014.10.23 17:38:08	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1229
		Measurement Path: Measurements_02\010650000000.sdatb
2014.10.23 17:40:30	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1230
		Measurement Path: Measurements_02\010700000000.sdatb
2014.10.23 17:42:53	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1231
		Measurement Path: Measurements_02\010750000000.sdatb
2014.10.23 17:45:15	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1232
		Measurement Path: Measurements_02\010800000000.sdatb
2014.10.23 17:47:38	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1233
		Measurement Path: Measurements_02\010850000000.sdatb
2014.10.23 17:50:00	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1234
		Measurement Path: Measurements_02\010900000000.sdatb

Figure 76: Journal used for the PNA E8364C Noise measurements - 59.

2014.10.23 17:52:23	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1235
		Measurement Path: Measurements_02\010950000000.sdatb
2014.10.23 17:54:45	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1236
		Measurement Path: Measurements_02\011000000000.sdatb
2014.10.23 17:57:08	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1237
		Measurement Path: Measurements_02\011050000000.sdatb
2014.10.23 17:59:30	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1238
		Measurement Path: Measurements_02\011100000000.sdatb
2014.10.23 18:01:53	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1239
		Measurement Path: Measurements_02\011150000000.sdatb
2014.10.23 18:04:15	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1240
		Measurement Path: Measurements_02\011200000000.sdatb
2014.10.23 18:06:38	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1241
		Measurement Path: Measurements_02\011250000000.sdatb
2014.10.23 18:09:00	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1242
		Measurement Path: Measurements_02\011300000000.sdatb
2014.10.23 18:11:23	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1243
		Measurement Path: Measurements_02\011350000000.sdatb
2014.10.23 18:13:45	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1244
		Measurement Path: Measurements_02\011400000000.sdatb
2014.10.23 18:16:08	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1245
		Measurement Path: Measurements_02\011450000000.sdatb
2014.10.23 18:18:30	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1246
		Measurement Path: Measurements_02\011500000000.sdatb
2014.10.23 18:20:53	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1247
		Measurement Path: Measurements_02\011550000000.sdatb
2014.10.23 18:23:15	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1248
		Measurement Path: Measurements_02\011600000000.sdatb
2014.10.23 18:25:38	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1249
		Measurement Path: Measurements_02\011650000000.sdatb
2014.10.23 18:28:00	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1250
		Measurement Path: Measurements_02\011700000000.sdatb
2014.10.23 18:30:23	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1251
		Measurement Path: Measurements_02\011750000000.sdatb
2014.10.23 18:32:45	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1252
		Measurement Path: Measurements_02\011800000000.sdatb
2014.10.23 18:35:08	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1253
		Measurement Path: Measurements_02\011850000000.sdatb
2014.10.23 18:37:30	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1254
		Measurement Path: Measurements_02\011900000000.sdatb
2014.10.23 18:39:53	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1255
		Measurement Path: Measurements_02\011950000000.sdatb

Figure 77: Journal used for the PNA E8364C Noise measurements - 60.

2014.10.23 18:42:15	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1256
		Measurement Path: Measurements_02\012000000000.sdatb
2014.10.23 18:44:38	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1257
		Measurement Path: Measurements_02\012050000000.sdatb
2014.10.23 18:47:00	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1258
		Measurement Path: Measurements_02\012100000000.sdatb
2014.10.23 18:49:22	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1259
		Measurement Path: Measurements_02\012150000000.sdatb
2014.10.23 18:51:45	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1260
		Measurement Path: Measurements_02\012200000000.sdatb
2014.10.23 18:54:07	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1261
		Measurement Path: Measurements_02\012250000000.sdatb
2014.10.23 18:56:30	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1262
		Measurement Path: Measurements_02\012300000000.sdatb
2014.10.23 18:58:52	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1263
		Measurement Path: Measurements_02\012350000000.sdatb
2014.10.23 19:01:15	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1264
		Measurement Path: Measurements_02\012400000000.sdatb
2014.10.23 19:03:37	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1265
		Measurement Path: Measurements_02\012450000000.sdatb
2014.10.23 19:06:00	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1266
		Measurement Path: Measurements_02\012500000000.sdatb
2014.10.23 19:08:22	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1267
		Measurement Path: Measurements_02\012550000000.sdatb
2014.10.23 19:10:45	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1268
		Measurement Path: Measurements_02\012600000000.sdatb
2014.10.23 19:13:07	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1269
		Measurement Path: Measurements_02\012650000000.sdatb
2014.10.23 19:15:30	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1270
		Measurement Path: Measurements_02\012700000000.sdatb
2014.10.23 19:17:52	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1271
		Measurement Path: Measurements_02\012750000000.sdatb
2014.10.23 19:20:15	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1272
		Measurement Path: Measurements_02\012800000000.sdatb
2014.10.23 19:22:37	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1273
		Measurement Path: Measurements_02\012850000000.sdatb
2014.10.23 19:25:00	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1274
		Measurement Path: Measurements_02\012900000000.sdatb
2014.10.23 19:27:22	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1275
		Measurement Path: Measurements_02\012950000000.sdatb
2014.10.23 19:29:45	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1276
		Measurement Path: Measurements_02\013000000000.sdatb

Figure 78: Journal used for the PNA E8364C Noise measurements - 61.

2014.10.23 19:32:07	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1277
		Measurement Path: Measurements_02\013050000000.sdatb
2014.10.23 19:34:30	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1278
		Measurement Path: Measurements_02\013100000000.sdatb
2014.10.23 19:36:52	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1279
		Measurement Path: Measurements_02\013150000000.sdatb
2014.10.23 19:39:15	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1280
		Measurement Path: Measurements_02\013200000000.sdatb
2014.10.23 19:41:37	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1281
		Measurement Path: Measurements_02\013250000000.sdatb
2014.10.23 19:44:00	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1282
		Measurement Path: Measurements_02\013300000000.sdatb
2014.10.23 19:46:22	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1283
		Measurement Path: Measurements_02\013350000000.sdatb
2014.10.23 19:48:45	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1284
		Measurement Path: Measurements_02\013400000000.sdatb
2014.10.23 19:51:07	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1285
		Measurement Path: Measurements_02\013450000000.sdatb
2014.10.23 19:53:30	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1286
		Measurement Path: Measurements_02\013500000000.sdatb
2014.10.23 19:55:52	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1287
		Measurement Path: Measurements_02\013550000000.sdatb
2014.10.23 19:58:15	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1288
		Measurement Path: Measurements_02\013600000000.sdatb
2014.10.23 20:00:37	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1289
		Measurement Path: Measurements_02\013650000000.sdatb
2014.10.23 20:03:00	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1290
		Measurement Path: Measurements_02\013700000000.sdatb
2014.10.23 20:05:22	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1291
		Measurement Path: Measurements_02\013750000000.sdatb
2014.10.23 20:07:45	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1292
		Measurement Path: Measurements_02\013800000000.sdatb
2014.10.23 20:10:07	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1293
		Measurement Path: Measurements_02\013850000000.sdatb
2014.10.23 20:12:30	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1294
		Measurement Path: Measurements_02\013900000000.sdatb
2014.10.23 20:14:52	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1295
		Measurement Path: Measurements_02\013950000000.sdatb
2014.10.23 20:17:14	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1296
		Measurement Path: Measurements_02\014000000000.sdatb
2014.10.23 20:19:37	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1297
		Measurement Path: Measurements_02\014050000000.sdatb

Figure 79: Journal used for the PNA E8364C Noise measurements - 62.

2014.10.23 20:21:59	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1298
		Measurement Path: Measurements_02\014100000000.sdatb
2014.10.23 20:24:22	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1299
		Measurement Path: Measurements_02\014150000000.sdatb
2014.10.23 20:26:44	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1300
		Measurement Path: Measurements_02\014200000000.sdatb
2014.10.23 20:29:07	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1301
		Measurement Path: Measurements_02\014250000000.sdatb
2014.10.23 20:31:29	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1302
		Measurement Path: Measurements_02\014300000000.sdatb
2014.10.23 20:33:52	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1303
		Measurement Path: Measurements_02\014350000000.sdatb
2014.10.23 20:36:14	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1304
		Measurement Path: Measurements_02\014400000000.sdatb
2014.10.23 20:38:37	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1305
		Measurement Path: Measurements_02\014450000000.sdatb
2014.10.23 20:40:59	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1306
		Measurement Path: Measurements_02\014500000000.sdatb
2014.10.23 20:43:22	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1307
		Measurement Path: Measurements_02\014550000000.sdatb
2014.10.23 20:45:44	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1308
		Measurement Path: Measurements_02\014600000000.sdatb
2014.10.23 20:48:07	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1309
		Measurement Path: Measurements_02\014650000000.sdatb
2014.10.23 20:50:29	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1310
		Measurement Path: Measurements_02\014700000000.sdatb
2014.10.23 20:52:52	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1311
		Measurement Path: Measurements_02\014750000000.sdatb
2014.10.23 20:55:14	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1312
		Measurement Path: Measurements_02\014800000000.sdatb
2014.10.23 20:57:37	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1313
		Measurement Path: Measurements_02\014850000000.sdatb
2014.10.23 20:59:59	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1314
		Measurement Path: Measurements_02\014900000000.sdatb
2014.10.23 21:02:22	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1315
		Measurement Path: Measurements_02\014950000000.sdatb
2014.10.23 21:04:44	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1316
		Measurement Path: Measurements_02\015000000000.sdatb
2014.10.23 21:07:07	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1317
		Measurement Path: Measurements_02\015050000000.sdatb
2014.10.23 21:09:29	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1318
		Measurement Path: Measurements_02\015100000000.sdatb

Figure 80: Journal used for the PNA E8364C Noise measurements - 63.

2014.10.23 21:11:51	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1319
		Measurement Path: Measurements_02\015150000000.sdatb
2014.10.23 21:14:14	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1320
		Measurement Path: Measurements_02\015200000000.sdatb
2014.10.23 21:16:36	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1321
		Measurement Path: Measurements_02\015250000000.sdatb
2014.10.23 21:18:59	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1322
		Measurement Path: Measurements_02\015300000000.sdatb
2014.10.23 21:21:21	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1323
		Measurement Path: Measurements_02\015350000000.sdatb
2014.10.23 21:23:44	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1324
		Measurement Path: Measurements_02\015400000000.sdatb
2014.10.23 21:26:06	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1325
		Measurement Path: Measurements_02\015450000000.sdatb
2014.10.23 21:28:29	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1326
		Measurement Path: Measurements_02\015500000000.sdatb
2014.10.23 21:30:51	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1327
		Measurement Path: Measurements_02\015550000000.sdatb
2014.10.23 21:33:14	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1328
		Measurement Path: Measurements_02\015600000000.sdatb
2014.10.23 21:35:36	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1329
		Measurement Path: Measurements_02\015650000000.sdatb
2014.10.23 21:37:59	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1330
		Measurement Path: Measurements_02\015700000000.sdatb
2014.10.23 21:40:21	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1331
		Measurement Path: Measurements_02\015750000000.sdatb
2014.10.23 21:42:44	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1332
		Measurement Path: Measurements_02\015800000000.sdatb
2014.10.23 21:45:06	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1333
		Measurement Path: Measurements_02\015850000000.sdatb
2014.10.23 21:47:29	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1334
		Measurement Path: Measurements_02\015900000000.sdatb
2014.10.23 21:49:51	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1335
		Measurement Path: Measurements_02\015950000000.sdatb
2014.10.23 21:52:14	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1336
		Measurement Path: Measurements_02\016000000000.sdatb
2014.10.23 21:54:36	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1337
		Measurement Path: Measurements_02\016050000000.sdatb
2014.10.23 21:56:59	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1338
		Measurement Path: Measurements_02\016100000000.sdatb
2014.10.23 21:59:21	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1339
		Measurement Path: Measurements_02\016150000000.sdatb

Figure 81: Journal used for the PNA E8364C Noise measurements - 64.

2014.10.23 22:01:44	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1340
		Measurement Path: Measurements_02\016200000000.sdatb
2014.10.23 22:04:06	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1341
		Measurement Path: Measurements_02\016250000000.sdatb
2014.10.23 22:06:29	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1342
		Measurement Path: Measurements_02\016300000000.sdatb
2014.10.23 22:08:51	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1343
		Measurement Path: Measurements_02\016350000000.sdatb
2014.10.23 22:11:14	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1344
		Measurement Path: Measurements_02\016400000000.sdatb
2014.10.23 22:13:36	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1345
		Measurement Path: Measurements_02\016450000000.sdatb
2014.10.23 22:15:59	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1346
		Measurement Path: Measurements_02\016500000000.sdatb
2014.10.23 22:18:21	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1347
		Measurement Path: Measurements_02\016550000000.sdatb
2014.10.23 22:20:44	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1348
		Measurement Path: Measurements_02\016600000000.sdatb
2014.10.23 22:23:06	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1349
		Measurement Path: Measurements_02\016650000000.sdatb
2014.10.23 22:25:29	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1350
		Measurement Path: Measurements_02\016700000000.sdatb
2014.10.23 22:27:51	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1351
		Measurement Path: Measurements_02\016750000000.sdatb
2014.10.23 22:30:14	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1352
		Measurement Path: Measurements_02\016800000000.sdatb
2014.10.23 22:32:36	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1353
		Measurement Path: Measurements_02\016850000000.sdatb
2014.10.23 22:34:59	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1354
		Measurement Path: Measurements_02\016900000000.sdatb
2014.10.23 22:37:21	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1355
		Measurement Path: Measurements_02\016950000000.sdatb
2014.10.23 22:39:43	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1356
		Measurement Path: Measurements_02\017000000000.sdatb
2014.10.23 22:42:06	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1357
		Measurement Path: Measurements_02\017050000000.sdatb
2014.10.23 22:44:29	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1358
		Measurement Path: Measurements_02\017100000000.sdatb
2014.10.23 22:46:51	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1359
		Measurement Path: Measurements_02\017150000000.sdatb
2014.10.23 22:49:14	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1360
		Measurement Path: Measurements_02\017200000000.sdatb

Figure 82: Journal used for the PNA E8364C Noise measurements - 65.

2014.10.23 22:51:36	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1361
		Measurement Path: Measurements_02\017250000000.sdatb
2014.10.23 22:53:58	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1362
		Measurement Path: Measurements_02\017300000000.sdatb
2014.10.23 22:56:21	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1363
		Measurement Path: Measurements_02\017350000000.sdatb
2014.10.23 22:58:43	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1364
		Measurement Path: Measurements_02\017400000000.sdatb
2014.10.23 23:01:06	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1365
		Measurement Path: Measurements_02\017450000000.sdatb
2014.10.23 23:03:28	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1366
		Measurement Path: Measurements_02\017500000000.sdatb
2014.10.23 23:05:51	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1367
		Measurement Path: Measurements_02\017550000000.sdatb
2014.10.23 23:08:13	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1368
		Measurement Path: Measurements_02\017600000000.sdatb
2014.10.23 23:10:36	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1369
		Measurement Path: Measurements_02\017650000000.sdatb
2014.10.23 23:12:58	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1370
		Measurement Path: Measurements_02\017700000000.sdatb
2014.10.23 23:15:21	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1371
		Measurement Path: Measurements_02\017750000000.sdatb
2014.10.23 23:17:43	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1372
		Measurement Path: Measurements_02\017800000000.sdatb
2014.10.23 23:20:06	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1373
		Measurement Path: Measurements_02\017850000000.sdatb
2014.10.23 23:22:28	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1374
		Measurement Path: Measurements_02\017900000000.sdatb
2014.10.23 23:24:51	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1375
		Measurement Path: Measurements_02\017950000000.sdatb
2014.10.23 23:27:13	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1376
		Measurement Path: Measurements_02\018000000000.sdatb
2014.10.23 23:29:36	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1377
		Measurement Path: Measurements_02\018050000000.sdatb
2014.10.23 23:31:58	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1378
		Measurement Path: Measurements_02\018100000000.sdatb
2014.10.23 23:34:21	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1379
		Measurement Path: Measurements_02\018150000000.sdatb
2014.10.23 23:36:43	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1380
		Measurement Path: Measurements_02\018200000000.sdatb
2014.10.23 23:39:06	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1381
		Measurement Path: Measurements_02\018250000000.sdatb

Figure 83: Journal used for the PNA E8364C Noise measurements - 66.

2014.10.23 23:41:28	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1382
		Measurement Path: Measurements_02\018300000000.sdatb
2014.10.23 23:43:51	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1383
		Measurement Path: Measurements_02\018350000000.sdatb
2014.10.23 23:46:13	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1384
		Measurement Path: Measurements_02\018400000000.sdatb
2014.10.23 23:48:36	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1385
		Measurement Path: Measurements_02\018450000000.sdatb
2014.10.23 23:50:58	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1386
		Measurement Path: Measurements_02\018500000000.sdatb
2014.10.23 23:53:21	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1387
		Measurement Path: Measurements_02\018550000000.sdatb
2014.10.23 23:55:43	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1388
		Measurement Path: Measurements_02\018600000000.sdatb
2014.10.23 23:58:05	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1389
		Measurement Path: Measurements_02\018650000000.sdatb
2014.10.24 00:00:28	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1390
		Measurement Path: Measurements_02\018700000000.sdatb
2014.10.24 00:02:50	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1391
		Measurement Path: Measurements_02\018750000000.sdatb
2014.10.24 00:05:13	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1392
		Measurement Path: Measurements_02\018800000000.sdatb
2014.10.24 00:07:35	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1393
		Measurement Path: Measurements_02\018850000000.sdatb
2014.10.24 00:09:58	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1394
		Measurement Path: Measurements_02\018900000000.sdatb
2014.10.24 00:12:20	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1395
		Measurement Path: Measurements_02\018950000000.sdatb
2014.10.24 00:14:43	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1396
		Measurement Path: Measurements_02\019000000000.sdatb
2014.10.24 00:17:05	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1397
		Measurement Path: Measurements_02\019050000000.sdatb
2014.10.24 00:19:28	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1398
		Measurement Path: Measurements_02\019100000000.sdatb
2014.10.24 00:21:50	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1399
		Measurement Path: Measurements_02\019150000000.sdatb
2014.10.24 00:24:13	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1400
		Measurement Path: Measurements_02\019200000000.sdatb
2014.10.24 00:26:35	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1401
		Measurement Path: Measurements_02\019250000000.sdatb
2014.10.24 00:28:58	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1402
		Measurement Path: Measurements_02\019300000000.sdatb

Figure 84: Journal used for the PNA E8364C Noise measurements - 67.

2014.10.24 00:31:20	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1403
		Measurement Path: Measurements_02\019350000000.sdatb
2014.10.24 00:33:43	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1404
		Measurement Path: Measurements_02\019400000000.sdatb
2014.10.24 00:36:05	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1405
		Measurement Path: Measurements_02\019450000000.sdatb
2014.10.24 00:38:28	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1406
		Measurement Path: Measurements_02\019500000000.sdatb
2014.10.24 00:40:50	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1407
		Measurement Path: Measurements_02\019550000000.sdatb
2014.10.24 00:43:13	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1408
		Measurement Path: Measurements_02\019600000000.sdatb
2014.10.24 00:45:35	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1409
		Measurement Path: Measurements_02\019650000000.sdatb
2014.10.24 00:47:58	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1410
		Measurement Path: Measurements_02\019700000000.sdatb
2014.10.24 00:50:20	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1411
		Measurement Path: Measurements_02\019750000000.sdatb
2014.10.24 00:52:43	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1412
		Measurement Path: Measurements_02\019800000000.sdatb
2014.10.24 00:55:05	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1413
		Measurement Path: Measurements_02\019850000000.sdatb
2014.10.24 00:57:28	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1414
		Measurement Path: Measurements_02\019900000000.sdatb
2014.10.24 00:59:50	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1415
		Measurement Path: Measurements_02\019950000000.sdatb
2014.10.24 01:02:13	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1416
		Measurement Path: Measurements_02\020000000000.sdatb
2014.10.24 01:04:35	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1417
		Measurement Path: Measurements_02\020050000000.sdatb
2014.10.24 01:06:58	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1418
		Measurement Path: Measurements_02\020100000000.sdatb
2014.10.24 01:09:20	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1419
		Measurement Path: Measurements_02\020150000000.sdatb
2014.10.24 01:11:43	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1420
		Measurement Path: Measurements_02\020200000000.sdatb
2014.10.24 01:14:05	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1421
		Measurement Path: Measurements_02\020250000000.sdatb
2014.10.24 01:16:28	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1422
		Measurement Path: Measurements_02\020300000000.sdatb
2014.10.24 01:18:50	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1423
		Measurement Path: Measurements_02\020350000000.sdatb

Figure 85: Journal used for the PNA E8364C Noise measurements - 68.

2014.10.24 01:21:13	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1424
		Measurement Path: Measurements_02\020400000000.sdatb
2014.10.24 01:23:35	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1425
		Measurement Path: Measurements_02\020450000000.sdatb
2014.10.24 01:25:58	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1426
		Measurement Path: Measurements_02\020500000000.sdatb
2014.10.24 01:28:20	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1427
		Measurement Path: Measurements_02\020550000000.sdatb
2014.10.24 01:30:43	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1428
		Measurement Path: Measurements_02\020600000000.sdatb
2014.10.24 01:33:05	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1429
		Measurement Path: Measurements_02\020650000000.sdatb
2014.10.24 01:35:28	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1430
		Measurement Path: Measurements_02\020700000000.sdatb
2014.10.24 01:37:50	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1431
		Measurement Path: Measurements_02\020750000000.sdatb
2014.10.24 01:40:13	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1432
		Measurement Path: Measurements_02\020800000000.sdatb
2014.10.24 01:42:35	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1433
		Measurement Path: Measurements_02\020850000000.sdatb
2014.10.24 01:44:58	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1434
		Measurement Path: Measurements_02\020900000000.sdatb
2014.10.24 01:47:20	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1435
		Measurement Path: Measurements_02\020950000000.sdatb
2014.10.24 01:49:43	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1436
		Measurement Path: Measurements_02\021000000000.sdatb
2014.10.24 01:52:05	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1437
		Measurement Path: Measurements_02\021050000000.sdatb
2014.10.24 01:54:28	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1438
		Measurement Path: Measurements_02\021100000000.sdatb
2014.10.24 01:56:50	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1439
		Measurement Path: Measurements_02\021150000000.sdatb
2014.10.24 01:59:13	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1440
		Measurement Path: Measurements_02\021200000000.sdatb
2014.10.24 02:01:35	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1441
		Measurement Path: Measurements_02\021250000000.sdatb
2014.10.24 02:03:58	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1442
		Measurement Path: Measurements_02\021300000000.sdatb
2014.10.24 02:06:20	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1443
		Measurement Path: Measurements_02\021350000000.sdatb
2014.10.24 02:08:42	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1444
		Measurement Path: Measurements_02\021400000000.sdatb

Figure 86: Journal used for the PNA E8364C Noise measurements - 69.

2014.10.24 02:11:05	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1445
		Measurement Path: Measurements_02\021450000000.sdatb
2014.10.24 02:13:27	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1446
		Measurement Path: Measurements_02\021500000000.sdatb
2014.10.24 02:15:50	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1447
		Measurement Path: Measurements_02\021550000000.sdatb
2014.10.24 02:18:12	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1448
		Measurement Path: Measurements_02\021600000000.sdatb
2014.10.24 02:20:35	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1449
		Measurement Path: Measurements_02\021650000000.sdatb
2014.10.24 02:22:57	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1450
		Measurement Path: Measurements_02\021700000000.sdatb
2014.10.24 02:25:20	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1451
		Measurement Path: Measurements_02\021750000000.sdatb
2014.10.24 02:27:42	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1452
		Measurement Path: Measurements_02\021800000000.sdatb
2014.10.24 02:30:05	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1453
		Measurement Path: Measurements_02\021850000000.sdatb
2014.10.24 02:32:28	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1454
		Measurement Path: Measurements_02\021900000000.sdatb
2014.10.24 02:34:50	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1455
		Measurement Path: Measurements_02\021950000000.sdatb
2014.10.24 02:37:12	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1456
		Measurement Path: Measurements_02\022000000000.sdatb
2014.10.24 02:39:35	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1457
		Measurement Path: Measurements_02\022050000000.sdatb
2014.10.24 02:41:57	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1458
		Measurement Path: Measurements_02\022100000000.sdatb
2014.10.24 02:44:20	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1459
		Measurement Path: Measurements_02\022150000000.sdatb
2014.10.24 02:46:42	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1460
		Measurement Path: Measurements_02\022200000000.sdatb
2014.10.24 02:49:05	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1461
		Measurement Path: Measurements_02\022250000000.sdatb
2014.10.24 02:51:27	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1462
		Measurement Path: Measurements_02\022300000000.sdatb
2014.10.24 02:53:50	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1463
		Measurement Path: Measurements_02\022350000000.sdatb
2014.10.24 02:56:12	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1464
		Measurement Path: Measurements_02\022400000000.sdatb
2014.10.24 02:58:35	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1465
		Measurement Path: Measurements_02\022450000000.sdatb

Figure 87: Journal used for the PNA E8364C Noise measurements - 70.

2014.10.24 03:00:57	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1466
		Measurement Path: Measurements_02\022500000000.sdatb
2014.10.24 03:03:20	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1467
		Measurement Path: Measurements_02\022550000000.sdatb
2014.10.24 03:05:42	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1468
		Measurement Path: Measurements_02\022600000000.sdatb
2014.10.24 03:08:05	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1469
		Measurement Path: Measurements_02\022650000000.sdatb
2014.10.24 03:10:27	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1470
		Measurement Path: Measurements_02\022700000000.sdatb
2014.10.24 03:12:50	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1471
		Measurement Path: Measurements_02\022750000000.sdatb
2014.10.24 03:15:12	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1472
		Measurement Path: Measurements_02\022800000000.sdatb
2014.10.24 03:17:35	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1473
		Measurement Path: Measurements_02\022850000000.sdatb
2014.10.24 03:19:57	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1474
		Measurement Path: Measurements_02\022900000000.sdatb
2014.10.24 03:22:20	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1475
		Measurement Path: Measurements_02\022950000000.sdatb
2014.10.24 03:24:42	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1476
		Measurement Path: Measurements_02\023000000000.sdatb
2014.10.24 03:27:05	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1477
		Measurement Path: Measurements_02\023050000000.sdatb
2014.10.24 03:29:27	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1478
		Measurement Path: Measurements_02\023100000000.sdatb
2014.10.24 03:31:50	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1479
		Measurement Path: Measurements_02\023150000000.sdatb
2014.10.24 03:34:12	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1480
		Measurement Path: Measurements_02\023200000000.sdatb
2014.10.24 03:36:35	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1481
		Measurement Path: Measurements_02\023250000000.sdatb
2014.10.24 03:38:57	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1482
		Measurement Path: Measurements_02\023300000000.sdatb
2014.10.24 03:41:20	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1483
		Measurement Path: Measurements_02\023350000000.sdatb
2014.10.24 03:43:42	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1484
		Measurement Path: Measurements_02\023400000000.sdatb
2014.10.24 03:46:05	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1485
		Measurement Path: Measurements_02\023450000000.sdatb
2014.10.24 03:48:27	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1486
		Measurement Path: Measurements_02\023500000000.sdatb

Figure 88: Journal used for the PNA E8364C Noise measurements - 71.

2014.10.24 03:50:49	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1487
		Measurement Path: Measurements_02\023550000000.sdatb
2014.10.24 03:53:12	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1488
		Measurement Path: Measurements_02\023600000000.sdatb
2014.10.24 03:55:34	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1489
		Measurement Path: Measurements_02\023650000000.sdatb
2014.10.24 03:57:57	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1490
		Measurement Path: Measurements_02\023700000000.sdatb
2014.10.24 04:00:19	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1491
		Measurement Path: Measurements_02\023750000000.sdatb
2014.10.24 04:02:42	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1492
		Measurement Path: Measurements_02\023800000000.sdatb
2014.10.24 04:05:04	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1493
		Measurement Path: Measurements_02\023850000000.sdatb
2014.10.24 04:07:27	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1494
		Measurement Path: Measurements_02\023900000000.sdatb
2014.10.24 04:09:49	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1495
		Measurement Path: Measurements_02\023950000000.sdatb
2014.10.24 04:12:12	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1496
		Measurement Path: Measurements_02\024000000000.sdatb
2014.10.24 04:14:34	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1497
		Measurement Path: Measurements_02\024050000000.sdatb
2014.10.24 04:16:57	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1498
		Measurement Path: Measurements_02\024100000000.sdatb
2014.10.24 04:19:19	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1499
		Measurement Path: Measurements_02\024150000000.sdatb
2014.10.24 04:21:42	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1500
		Measurement Path: Measurements_02\024200000000.sdatb
2014.10.24 04:24:04	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1501
		Measurement Path: Measurements_02\024250000000.sdatb
2014.10.24 04:26:27	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1502
		Measurement Path: Measurements_02\024300000000.sdatb
2014.10.24 04:28:49	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1503
		Measurement Path: Measurements_02\024350000000.sdatb
2014.10.24 04:31:12	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1504
		Measurement Path: Measurements_02\024400000000.sdatb
2014.10.24 04:33:34	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1505
		Measurement Path: Measurements_02\024450000000.sdatb
2014.10.24 04:35:57	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1506
		Measurement Path: Measurements_02\024500000000.sdatb
2014.10.24 04:38:19	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1507
		Measurement Path: Measurements_02\024550000000.sdatb

Figure 89: Journal used for the PNA E8364C Noise measurements - 72.

2014.10.24 04:40:42	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1508
		Measurement Path: Measurements_02\024600000000.sdatb
2014.10.24 04:43:04	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1509
		Measurement Path: Measurements_02\024650000000.sdatb
2014.10.24 04:45:27	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1510
		Measurement Path: Measurements_02\024700000000.sdatb
2014.10.24 04:47:49	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1511
		Measurement Path: Measurements_02\024750000000.sdatb
2014.10.24 04:50:12	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1512
		Measurement Path: Measurements_02\024800000000.sdatb
2014.10.24 04:52:34	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1513
		Measurement Path: Measurements_02\024850000000.sdatb
2014.10.24 04:54:57	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1514
		Measurement Path: Measurements_02\024900000000.sdatb
2014.10.24 04:57:19	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1515
		Measurement Path: Measurements_02\024950000000.sdatb
2014.10.24 04:59:42	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1516
		Measurement Path: Measurements_02\025000000000.sdatb
2014.10.24 05:02:04	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1517
		Measurement Path: Measurements_02\025050000000.sdatb
2014.10.24 05:04:27	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1518
		Measurement Path: Measurements_02\025100000000.sdatb
2014.10.24 05:06:49	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1519
		Measurement Path: Measurements_02\025150000000.sdatb
2014.10.24 05:09:12	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1520
		Measurement Path: Measurements_02\025200000000.sdatb
2014.10.24 05:11:34	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1521
		Measurement Path: Measurements_02\025250000000.sdatb
2014.10.24 05:13:57	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1522
		Measurement Path: Measurements_02\025300000000.sdatb
2014.10.24 05:16:19	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1523
		Measurement Path: Measurements_02\025350000000.sdatb
2014.10.24 05:18:41	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1524
		Measurement Path: Measurements_02\025400000000.sdatb
2014.10.24 05:21:04	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1525
		Measurement Path: Measurements_02\025450000000.sdatb
2014.10.24 05:23:26	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1526
		Measurement Path: Measurements_02\025500000000.sdatb
2014.10.24 05:25:49	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1527
		Measurement Path: Measurements_02\025550000000.sdatb
2014.10.24 05:28:11	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1528
		Measurement Path: Measurements_02\025600000000.sdatb

Figure 90: Journal used for the PNA E8364C Noise measurements - 73.

2014.10.24 05:30:34	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1529
		Measurement Path: Measurements_02\025650000000.sdatb
2014.10.24 05:32:56	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1530
		Measurement Path: Measurements_02\025700000000.sdatb
2014.10.24 05:35:19	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1531
		Measurement Path: Measurements_02\025750000000.sdatb
2014.10.24 05:37:41	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1532
		Measurement Path: Measurements_02\025800000000.sdatb
2014.10.24 05:40:04	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1533
		Measurement Path: Measurements_02\025850000000.sdatb
2014.10.24 05:42:26	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1534
		Measurement Path: Measurements_02\025900000000.sdatb
2014.10.24 05:44:49	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1535
		Measurement Path: Measurements_02\025950000000.sdatb
2014.10.24 05:47:11	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1536
		Measurement Path: Measurements_02\026000000000.sdatb
2014.10.24 05:49:34	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1537
		Measurement Path: Measurements_02\026050000000.sdatb
2014.10.24 05:51:56	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1538
		Measurement Path: Measurements_02\026100000000.sdatb
2014.10.24 05:54:19	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1539
		Measurement Path: Measurements_02\026150000000.sdatb
2014.10.24 05:56:41	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1540
		Measurement Path: Measurements_02\026200000000.sdatb
2014.10.24 05:59:04	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1541
		Measurement Path: Measurements_02\026250000000.sdatb
2014.10.24 06:01:26	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1542
		Measurement Path: Measurements_02\026300000000.sdatb
2014.10.24 06:03:49	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1543
		Measurement Path: Measurements_02\026350000000.sdatb
2014.10.24 06:06:11	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1544
		Measurement Path: Measurements_02\026400000000.sdatb
2014.10.24 06:08:34	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1545
		Measurement Path: Measurements_02\026450000000.sdatb
2014.10.24 06:10:56	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1546
		Measurement Path: Measurements_02\026500000000.sdatb
2014.10.24 06:13:19	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1547
		Measurement Path: Measurements_02\026550000000.sdatb
2014.10.24 06:15:41	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1548
		Measurement Path: Measurements_02\026600000000.sdatb
2014.10.24 06:18:04	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1549
		Measurement Path: Measurements_02\026650000000.sdatb

Figure 91: Journal used for the PNA E8364C Noise measurements - 74.

2014.10.24 06:20:26	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1550
		Measurement Path: Measurements_02\026700000000.sdatb
2014.10.24 06:22:49	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1551
		Measurement Path: Measurements_02\026750000000.sdatb
2014.10.24 06:25:11	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1552
		Measurement Path: Measurements_02\026800000000.sdatb
2014.10.24 06:27:34	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1553
		Measurement Path: Measurements_02\026850000000.sdatb
2014.10.24 06:29:56	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1554
		Measurement Path: Measurements_02\026900000000.sdatb
2014.10.24 06:32:19	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1555
		Measurement Path: Measurements_02\026950000000.sdatb
2014.10.24 06:34:41	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1556
		Measurement Path: Measurements_02\027000000000.sdatb
2014.10.24 06:37:04	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1557
		Measurement Path: Measurements_02\027050000000.sdatb
2014.10.24 06:39:26	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1558
		Measurement Path: Measurements_02\027100000000.sdatb
2014.10.24 06:41:49	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1559
		Measurement Path: Measurements_02\027150000000.sdatb
2014.10.24 06:44:11	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1560
		Measurement Path: Measurements_02\027200000000.sdatb
2014.10.24 06:46:34	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1561
		Measurement Path: Measurements_02\027250000000.sdatb
2014.10.24 06:48:56	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1562
		Measurement Path: Measurements_02\027300000000.sdatb
2014.10.24 06:51:19	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1563
		Measurement Path: Measurements_02\027350000000.sdatb
2014.10.24 06:53:41	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1564
		Measurement Path: Measurements_02\027400000000.sdatb
2014.10.24 06:56:04	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1565
		Measurement Path: Measurements_02\027450000000.sdatb
2014.10.24 06:58:26	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1566
		Measurement Path: Measurements_02\027500000000.sdatb
2014.10.24 07:00:49	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1567
		Measurement Path: Measurements_02\027550000000.sdatb
2014.10.24 07:03:11	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1568
		Measurement Path: Measurements_02\027600000000.sdatb
2014.10.24 07:05:34	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1569
		Measurement Path: Measurements_02\027650000000.sdatb
2014.10.24 07:07:56	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1570
		Measurement Path: Measurements_02\027700000000.sdatb

Figure 92: Journal used for the PNA E8364C Noise measurements - 75.

2014.10.24 07:10:19	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1571
		Measurement Path: Measurements_02\027750000000.sdatb
2014.10.24 07:12:41	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1572
		Measurement Path: Measurements_02\027800000000.sdatb
2014.10.24 07:15:04	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1573
		Measurement Path: Measurements_02\027850000000.sdatb
2014.10.24 07:17:26	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1574
		Measurement Path: Measurements_02\027900000000.sdatb
2014.10.24 07:19:48	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1575
		Measurement Path: Measurements_02\027950000000.sdatb
2014.10.24 07:22:11	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1576
		Measurement Path: Measurements_02\028000000000.sdatb
2014.10.24 07:24:33	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1577
		Measurement Path: Measurements_02\028050000000.sdatb
2014.10.24 07:26:56	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1578
		Measurement Path: Measurements_02\028100000000.sdatb
2014.10.24 07:29:18	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1579
		Measurement Path: Measurements_02\028150000000.sdatb
2014.10.24 07:31:41	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1580
		Measurement Path: Measurements_02\028200000000.sdatb
2014.10.24 07:34:03	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1581
		Measurement Path: Measurements_02\028250000000.sdatb
2014.10.24 07:36:26	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1582
		Measurement Path: Measurements_02\028300000000.sdatb
2014.10.24 07:38:48	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1583
		Measurement Path: Measurements_02\028350000000.sdatb
2014.10.24 07:41:11	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1584
		Measurement Path: Measurements_02\028400000000.sdatb
2014.10.24 07:43:33	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1585
		Measurement Path: Measurements_02\028450000000.sdatb
2014.10.24 07:45:56	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1586
		Measurement Path: Measurements_02\028500000000.sdatb
2014.10.24 07:48:18	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1587
		Measurement Path: Measurements_02\028550000000.sdatb
2014.10.24 07:50:41	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1588
		Measurement Path: Measurements_02\028600000000.sdatb
2014.10.24 07:53:03	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1589
		Measurement Path: Measurements_02\028650000000.sdatb
2014.10.24 07:55:26	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1590
		Measurement Path: Measurements_02\028700000000.sdatb
2014.10.24 07:57:48	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1591
		Measurement Path: Measurements_02\028750000000.sdatb

Figure 93: Journal used for the PNA E8364C Noise measurements - 76.

2014.10.24 08:00:11	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1592
		Measurement Path: Measurements_02\028800000000.sdatb
2014.10.24 08:02:33	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1593
		Measurement Path: Measurements_02\028850000000.sdatb
2014.10.24 08:04:56	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1594
		Measurement Path: Measurements_02\028900000000.sdatb
2014.10.24 08:07:18	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1595
		Measurement Path: Measurements_02\028950000000.sdatb
2014.10.24 08:09:41	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1596
		Measurement Path: Measurements_02\029000000000.sdatb
2014.10.24 08:12:03	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1597
		Measurement Path: Measurements_02\029050000000.sdatb
2014.10.24 08:14:26	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1598
		Measurement Path: Measurements_02\029100000000.sdatb
2014.10.24 08:16:48	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1599
		Measurement Path: Measurements_02\029150000000.sdatb
2014.10.24 08:19:11	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1600
		Measurement Path: Measurements_02\029200000000.sdatb
2014.10.24 08:21:33	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1601
		Measurement Path: Measurements_02\029250000000.sdatb
2014.10.24 08:23:56	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1602
		Measurement Path: Measurements_02\029300000000.sdatb
2014.10.24 08:26:18	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1603
		Measurement Path: Measurements_02\029350000000.sdatb
2014.10.24 08:28:41	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1604
		Measurement Path: Measurements_02\029400000000.sdatb
2014.10.24 08:31:03	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1605
		Measurement Path: Measurements_02\029450000000.sdatb
2014.10.24 08:33:26	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1606
		Measurement Path: Measurements_02\029500000000.sdatb
2014.10.24 08:35:48	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1607
		Measurement Path: Measurements_02\029550000000.sdatb
2014.10.24 08:38:11	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1608
		Measurement Path: Measurements_02\029600000000.sdatb
2014.10.24 08:40:33	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1609
		Measurement Path: Measurements_02\029650000000.sdatb
2014.10.24 08:42:56	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1610
		Measurement Path: Measurements_02\029700000000.sdatb
2014.10.24 08:45:18	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1611
		Measurement Path: Measurements_02\029750000000.sdatb
2014.10.24 08:47:41	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1612
		Measurement Path: Measurements_02\029800000000.sdatb

Figure 94: Journal used for the PNA E8364C Noise measurements - 77.

2014.10.24 08:50:03	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1613
		Measurement Path: Measurements_02\029850000000.sdatb
2014.10.24 08:52:26	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1614
		Measurement Path: Measurements_02\029900000000.sdatb
2014.10.24 08:54:48	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1615
		Measurement Path: Measurements_02\029950000000.sdatb
2014.10.24 08:57:11	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1616
		Measurement Path: Measurements_02\030000000000.sdatb
2014.10.24 08:59:33	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1617
		Measurement Path: Measurements_02\030050000000.sdatb
2014.10.24 09:01:56	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1618
		Measurement Path: Measurements_02\030100000000.sdatb
2014.10.24 09:04:18	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1619
		Measurement Path: Measurements_02\030150000000.sdatb
2014.10.24 09:06:41	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1620
		Measurement Path: Measurements_02\030200000000.sdatb
2014.10.24 09:09:03	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1621
		Measurement Path: Measurements_02\030250000000.sdatb
2014.10.24 09:11:25	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1622
		Measurement Path: Measurements_02\030300000000.sdatb
2014.10.24 09:13:48	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1623
		Measurement Path: Measurements_02\030350000000.sdatb
2014.10.24 09:16:11	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1624
		Measurement Path: Measurements_02\030400000000.sdatb
2014.10.24 09:18:33	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1625
		Measurement Path: Measurements_02\030450000000.sdatb
2014.10.24 09:20:56	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1626
		Measurement Path: Measurements_02\030500000000.sdatb
2014.10.24 09:23:18	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1627
		Measurement Path: Measurements_02\030550000000.sdatb
2014.10.24 09:25:41	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1628
		Measurement Path: Measurements_02\030600000000.sdatb
2014.10.24 09:28:03	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1629
		Measurement Path: Measurements_02\030650000000.sdatb
2014.10.24 09:30:26	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1630
		Measurement Path: Measurements_02\030700000000.sdatb
2014.10.24 09:32:48	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1631
		Measurement Path: Measurements_02\030750000000.sdatb
2014.10.24 09:35:11	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1632
		Measurement Path: Measurements_02\030800000000.sdatb
2014.10.24 09:37:33	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1633
		Measurement Path: Measurements_02\030850000000.sdatb

Figure 95: Journal used for the PNA E8364C Noise measurements - 78.

2014.10.24 09:39:56	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1634
		Measurement Path: Measurements_02\030900000000.sdatb
2014.10.24 09:42:18	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1635
		Measurement Path: Measurements_02\030950000000.sdatb
2014.10.24 09:44:41	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1636
		Measurement Path: Measurements_02\031000000000.sdatb
2014.10.24 09:47:03	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1637
		Measurement Path: Measurements_02\031050000000.sdatb
2014.10.24 09:49:26	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1638
		Measurement Path: Measurements_02\031100000000.sdatb
2014.10.24 09:51:48	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1639
		Measurement Path: Measurements_02\031150000000.sdatb
2014.10.24 09:54:11	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1640
		Measurement Path: Measurements_02\031200000000.sdatb
2014.10.24 09:56:33	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1641
		Measurement Path: Measurements_02\031250000000.sdatb
2014.10.24 09:58:56	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1642
		Measurement Path: Measurements_02\031300000000.sdatb
2014.10.24 10:01:18	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1643
		Measurement Path: Measurements_02\031350000000.sdatb
2014.10.24 10:03:41	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1644
		Measurement Path: Measurements_02\031400000000.sdatb
2014.10.24 10:06:03	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1645
		Measurement Path: Measurements_02\031450000000.sdatb
2014.10.24 10:08:26	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1646
		Measurement Path: Measurements_02\031500000000.sdatb
2014.10.24 10:10:48	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1647
		Measurement Path: Measurements_02\031550000000.sdatb
2014.10.24 10:13:10	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1648
		Measurement Path: Measurements_02\031600000000.sdatb
2014.10.24 10:15:33	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1649
		Measurement Path: Measurements_02\031650000000.sdatb
2014.10.24 10:17:55	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1650
		Measurement Path: Measurements_02\031700000000.sdatb
2014.10.24 10:20:18	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1651
		Measurement Path: Measurements_02\031750000000.sdatb
2014.10.24 10:22:40	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1652
		Measurement Path: Measurements_02\031800000000.sdatb
2014.10.24 10:25:03	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1653
		Measurement Path: Measurements_02\031850000000.sdatb
2014.10.24 10:27:25	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1654
		Measurement Path: Measurements_02\031900000000.sdatb

Figure 96: Journal used for the PNA E8364C Noise measurements - 79.

2014.10.24 10:29:48	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1655
		Measurement Path: Measurements_02\031950000000.sdatb
2014.10.24 10:32:10	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1656
		Measurement Path: Measurements_02\032000000000.sdatb
2014.10.24 10:34:33	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1657
		Measurement Path: Measurements_02\032050000000.sdatb
2014.10.24 10:36:56	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1658
		Measurement Path: Measurements_02\032100000000.sdatb
2014.10.24 10:39:18	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1659
		Measurement Path: Measurements_02\032150000000.sdatb
2014.10.24 10:41:41	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1660
		Measurement Path: Measurements_02\032200000000.sdatb
2014.10.24 10:44:03	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1661
		Measurement Path: Measurements_02\032250000000.sdatb
2014.10.24 10:46:26	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1662
		Measurement Path: Measurements_02\032300000000.sdatb
2014.10.24 10:48:48	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1663
		Measurement Path: Measurements_02\032350000000.sdatb
2014.10.24 10:51:10	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1664
		Measurement Path: Measurements_02\032400000000.sdatb
2014.10.24 10:53:33	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1665
		Measurement Path: Measurements_02\032450000000.sdatb
2014.10.24 10:55:55	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1666
		Measurement Path: Measurements_02\032500000000.sdatb
2014.10.24 10:58:18	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1667
		Measurement Path: Measurements_02\032550000000.sdatb
2014.10.24 11:00:40	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1668
		Measurement Path: Measurements_02\032600000000.sdatb
2014.10.24 11:03:03	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1669
		Measurement Path: Measurements_02\032650000000.sdatb
2014.10.24 11:05:25	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1670
		Measurement Path: Measurements_02\032700000000.sdatb
2014.10.24 11:07:48	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1671
		Measurement Path: Measurements_02\032750000000.sdatb
2014.10.24 11:10:10	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1672
		Measurement Path: Measurements_02\032800000000.sdatb
2014.10.24 11:12:33	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1673
		Measurement Path: Measurements_02\032850000000.sdatb
2014.10.24 11:14:55	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1674
		Measurement Path: Measurements_02\032900000000.sdatb
2014.10.24 11:17:18	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1675
		Measurement Path: Measurements_02\032950000000.sdatb

Figure 97: Journal used for the PNA E8364C Noise measurements - 80.

2014.10.24 11:19:40	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1676
		Measurement Path: Measurements_02\033000000000.sdatb
2014.10.24 11:22:03	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1677
		Measurement Path: Measurements_02\033050000000.sdatb
2014.10.24 11:24:25	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1678
		Measurement Path: Measurements_02\033100000000.sdatb
2014.10.24 11:26:48	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1679
		Measurement Path: Measurements_02\033150000000.sdatb
2014.10.24 11:29:10	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1680
		Measurement Path: Measurements_02\033200000000.sdatb
2014.10.24 11:31:33	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1681
		Measurement Path: Measurements_02\033250000000.sdatb
2014.10.24 11:33:55	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1682
		Measurement Path: Measurements_02\033300000000.sdatb
2014.10.24 11:36:18	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1683
		Measurement Path: Measurements_02\033350000000.sdatb
2014.10.24 11:38:40	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1684
		Measurement Path: Measurements_02\033400000000.sdatb
2014.10.24 11:41:03	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1685
		Measurement Path: Measurements_02\033450000000.sdatb
2014.10.24 11:43:25	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1686
		Measurement Path: Measurements_02\033500000000.sdatb
2014.10.24 11:45:48	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1687
		Measurement Path: Measurements_02\033550000000.sdatb
2014.10.24 11:48:10	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1688
		Measurement Path: Measurements_02\033600000000.sdatb
2014.10.24 11:50:33	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1689
		Measurement Path: Measurements_02\033650000000.sdatb
2014.10.24 11:52:55	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1690
		Measurement Path: Measurements_02\033700000000.sdatb
2014.10.24 11:55:18	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1691
		Measurement Path: Measurements_02\033750000000.sdatb
2014.10.24 11:57:40	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1692
		Measurement Path: Measurements_02\033800000000.sdatb
2014.10.24 12:00:03	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1693
		Measurement Path: Measurements_02\033850000000.sdatb
2014.10.24 12:02:25	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1694
		Measurement Path: Measurements_02\033900000000.sdatb
2014.10.24 12:04:48	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1695
		Measurement Path: Measurements_02\033950000000.sdatb
2014.10.24 12:07:10	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1696
		Measurement Path: Measurements_02\034000000000.sdatb

Figure 98: Journal used for the PNA E8364C Noise measurements - 81.

2014.10.24 12:09:33	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1697
		Measurement Path: Measurements_02\034050000000.sdatb
2014.10.24 12:11:55	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1698
		Measurement Path: Measurements_02\034100000000.sdatb
2014.10.24 12:14:18	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1699
		Measurement Path: Measurements_02\034150000000.sdatb
2014.10.24 12:16:40	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1700
		Measurement Path: Measurements_02\034200000000.sdatb
2014.10.24 12:19:03	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1701
		Measurement Path: Measurements_02\034250000000.sdatb
2014.10.24 12:21:25	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1702
		Measurement Path: Measurements_02\034300000000.sdatb
2014.10.24 12:23:48	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1703
		Measurement Path: Measurements_02\034350000000.sdatb
2014.10.24 12:26:10	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1704
		Measurement Path: Measurements_02\034400000000.sdatb
2014.10.24 12:28:33	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1705
		Measurement Path: Measurements_02\034450000000.sdatb
2014.10.24 12:30:55	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1706
		Measurement Path: Measurements_02\034500000000.sdatb
2014.10.24 12:33:18	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1707
		Measurement Path: Measurements_02\034550000000.sdatb
2014.10.24 12:35:40	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1708
		Measurement Path: Measurements_02\034600000000.sdatb
2014.10.24 12:38:03	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1709
		Measurement Path: Measurements_02\034650000000.sdatb
2014.10.24 12:40:25	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1710
		Measurement Path: Measurements_02\034700000000.sdatb
2014.10.24 12:42:48	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1711
		Measurement Path: Measurements_02\034750000000.sdatb
2014.10.24 12:45:10	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1712
		Measurement Path: Measurements_02\034800000000.sdatb
2014.10.24 12:47:33	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1713
		Measurement Path: Measurements_02\034850000000.sdatb
2014.10.24 12:49:55	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1714
		Measurement Path: Measurements_02\034900000000.sdatb
2014.10.24 12:52:18	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1715
		Measurement Path: Measurements_02\034950000000.sdatb
2014.10.24 12:54:40	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1716
		Measurement Path: Measurements_02\035000000000.sdatb
2014.10.24 12:57:02	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1717
		Measurement Path: Measurements_02\035050000000.sdatb

Figure 99: Journal used for the PNA E8364C Noise measurements - 82.

2014.10.24 12:59:25	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1718
		Measurement Path: Measurements_02\035100000000.sdatb
2014.10.24 13:01:47	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1719
		Measurement Path: Measurements_02\035150000000.sdatb
2014.10.24 13:04:10	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1720
		Measurement Path: Measurements_02\035200000000.sdatb
2014.10.24 13:06:32	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1721
		Measurement Path: Measurements_02\035250000000.sdatb
2014.10.24 13:08:55	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1722
		Measurement Path: Measurements_02\035300000000.sdatb
2014.10.24 13:11:17	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1723
		Measurement Path: Measurements_02\035350000000.sdatb
2014.10.24 13:13:40	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1724
		Measurement Path: Measurements_02\035400000000.sdatb
2014.10.24 13:16:02	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1725
		Measurement Path: Measurements_02\035450000000.sdatb
2014.10.24 13:18:25	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1726
		Measurement Path: Measurements_02\035500000000.sdatb
2014.10.24 13:20:47	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1727
		Measurement Path: Measurements_02\035550000000.sdatb
2014.10.24 13:23:10	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1728
		Measurement Path: Measurements_02\035600000000.sdatb
2014.10.24 13:25:32	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1729
		Measurement Path: Measurements_02\035650000000.sdatb
2014.10.24 13:27:55	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1730
		Measurement Path: Measurements_02\035700000000.sdatb
2014.10.24 13:30:17	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1731
		Measurement Path: Measurements_02\035750000000.sdatb
2014.10.24 13:32:40	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1732
		Measurement Path: Measurements_02\035800000000.sdatb
2014.10.24 13:35:02	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1733
		Measurement Path: Measurements_02\035850000000.sdatb
2014.10.24 13:37:25	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1734
		Measurement Path: Measurements_02\035900000000.sdatb
2014.10.24 13:39:47	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1735
		Measurement Path: Measurements_02\035950000000.sdatb
2014.10.24 13:42:10	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1736
		Measurement Path: Measurements_02\036000000000.sdatb
2014.10.24 13:44:32	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1737
		Measurement Path: Measurements_02\036050000000.sdatb
2014.10.24 13:46:55	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1738
		Measurement Path: Measurements_02\036100000000.sdatb

Figure 100: Journal used for the PNA E8364C Noise measurements - 83.

2014.10.24 13:49:17	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1739
		Measurement Path: Measurements_02\036150000000.sdatb
2014.10.24 13:51:40	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1740
		Measurement Path: Measurements_02\036200000000.sdatb
2014.10.24 13:54:02	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1741
		Measurement Path: Measurements_02\036250000000.sdatb
2014.10.24 13:56:25	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1742
		Measurement Path: Measurements_02\036300000000.sdatb
2014.10.24 13:58:47	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1743
		Measurement Path: Measurements_02\036350000000.sdatb
2014.10.24 14:01:10	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1744
		Measurement Path: Measurements_02\036400000000.sdatb
2014.10.24 14:03:32	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1745
		Measurement Path: Measurements_02\036450000000.sdatb
2014.10.24 14:05:55	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1746
		Measurement Path: Measurements_02\036500000000.sdatb
2014.10.24 14:08:17	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1747
		Measurement Path: Measurements_02\036550000000.sdatb
2014.10.24 14:10:40	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1748
		Measurement Path: Measurements_02\036600000000.sdatb
2014.10.24 14:13:02	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1749
		Measurement Path: Measurements_02\036650000000.sdatb
2014.10.24 14:15:25	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1750
		Measurement Path: Measurements_02\036700000000.sdatb
2014.10.24 14:17:47	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1751
		Measurement Path: Measurements_02\036750000000.sdatb
2014.10.24 14:20:10	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1752
		Measurement Path: Measurements_02\036800000000.sdatb
2014.10.24 14:22:32	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1753
		Measurement Path: Measurements_02\036850000000.sdatb
2014.10.24 14:24:55	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1754
		Measurement Path: Measurements_02\036900000000.sdatb
2014.10.24 14:27:17	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1755
		Measurement Path: Measurements_02\036950000000.sdatb
2014.10.24 14:29:40	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1756
		Measurement Path: Measurements_02\037000000000.sdatb
2014.10.24 14:32:02	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1757
		Measurement Path: Measurements_02\037050000000.sdatb
2014.10.24 14:34:25	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1758
		Measurement Path: Measurements_02\037100000000.sdatb
2014.10.24 14:36:47	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1759
		Measurement Path: Measurements_02\037150000000.sdatb

Figure 101: Journal used for the PNA E8364C Noise measurements - 84.

2014.10.24 14:39:10	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1760
		Measurement Path: Measurements_02\037200000000.sdatb
2014.10.24 14:41:32	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1761
		Measurement Path: Measurements_02\037250000000.sdatb
2014.10.24 14:43:55	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1762
		Measurement Path: Measurements_02\037300000000.sdatb
2014.10.24 14:46:17	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1763
		Measurement Path: Measurements_02\037350000000.sdatb
2014.10.24 14:48:40	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1764
		Measurement Path: Measurements_02\037400000000.sdatb
2014.10.24 14:51:02	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1765
		Measurement Path: Measurements_02\037450000000.sdatb
2014.10.24 14:53:25	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1766
		Measurement Path: Measurements_02\037500000000.sdatb
2014.10.24 14:55:47	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1767
		Measurement Path: Measurements_02\037550000000.sdatb
2014.10.24 14:58:10	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1768
		Measurement Path: Measurements_02\037600000000.sdatb
2014.10.24 15:00:32	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1769
		Measurement Path: Measurements_02\037650000000.sdatb
2014.10.24 15:02:55	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1770
		Measurement Path: Measurements_02\037700000000.sdatb
2014.10.24 15:05:17	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1771
		Measurement Path: Measurements_02\037750000000.sdatb
2014.10.24 15:07:40	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1772
		Measurement Path: Measurements_02\037800000000.sdatb
2014.10.24 15:10:02	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1773
		Measurement Path: Measurements_02\037850000000.sdatb
2014.10.24 15:12:25	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1774
		Measurement Path: Measurements_02\037900000000.sdatb
2014.10.24 15:14:47	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1775
		Measurement Path: Measurements_02\037950000000.sdatb
2014.10.24 15:17:10	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1776
		Measurement Path: Measurements_02\038000000000.sdatb
2014.10.24 15:19:32	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1777
		Measurement Path: Measurements_02\038050000000.sdatb
2014.10.24 15:21:55	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1778
		Measurement Path: Measurements_02\038100000000.sdatb
2014.10.24 15:24:17	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1779
		Measurement Path: Measurements_02\038150000000.sdatb
2014.10.24 15:26:40	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1780
		Measurement Path: Measurements_02\038200000000.sdatb

Figure 102: Journal used for the PNA E8364C Noise measurements - 85.

2014.10.24 15:29:02	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1781
		Measurement Path: Measurements_02\038250000000.sdatb
2014.10.24 15:31:25	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1782
		Measurement Path: Measurements_02\038300000000.sdatb
2014.10.24 15:33:47	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1783
		Measurement Path: Measurements_02\038350000000.sdatb
2014.10.24 15:36:10	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1784
		Measurement Path: Measurements_02\038400000000.sdatb
2014.10.24 15:38:32	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1785
		Measurement Path: Measurements_02\038450000000.sdatb
2014.10.24 15:40:55	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1786
		Measurement Path: Measurements_02\038500000000.sdatb
2014.10.24 15:43:17	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1787
		Measurement Path: Measurements_02\038550000000.sdatb
2014.10.24 15:45:40	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1788
		Measurement Path: Measurements_02\038600000000.sdatb
2014.10.24 15:48:02	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1789
		Measurement Path: Measurements_02\038650000000.sdatb
2014.10.24 15:50:25	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1790
		Measurement Path: Measurements_02\038700000000.sdatb
2014.10.24 15:52:47	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1791
		Measurement Path: Measurements_02\038750000000.sdatb
2014.10.24 15:55:10	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1792
		Measurement Path: Measurements_02\038800000000.sdatb
2014.10.24 15:57:32	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1793
		Measurement Path: Measurements_02\038850000000.sdatb
2014.10.24 15:59:55	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1794
		Measurement Path: Measurements_02\038900000000.sdatb
2014.10.24 16:02:17	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1795
		Measurement Path: Measurements_02\038950000000.sdatb
2014.10.24 16:04:40	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1796
		Measurement Path: Measurements_02\039000000000.sdatb
2014.10.24 16:07:02	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1797
		Measurement Path: Measurements_02\039050000000.sdatb
2014.10.24 16:09:25	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1798
		Measurement Path: Measurements_02\039100000000.sdatb
2014.10.24 16:11:47	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1799
		Measurement Path: Measurements_02\039150000000.sdatb
2014.10.24 16:14:10	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1800
		Measurement Path: Measurements_02\039200000000.sdatb
2014.10.24 16:16:32	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1801
		Measurement Path: Measurements_02\039250000000.sdatb

Figure 103: Journal used for the PNA E8364C Noise measurements - 86.

2014.10.24 16:18:55	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1802
		Measurement Path: Measurements_02\039300000000.sdatb
2014.10.24 16:21:17	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1803
		Measurement Path: Measurements_02\039350000000.sdatb
2014.10.24 16:23:40	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1804
		Measurement Path: Measurements_02\039400000000.sdatb
2014.10.24 16:26:02	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1805
		Measurement Path: Measurements_02\039450000000.sdatb
2014.10.24 16:28:25	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1806
		Measurement Path: Measurements_02\039500000000.sdatb
2014.10.24 16:30:47	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1807
		Measurement Path: Measurements_02\039550000000.sdatb
2014.10.24 16:33:10	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1808
		Measurement Path: Measurements_02\039600000000.sdatb
2014.10.24 16:35:32	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1809
		Measurement Path: Measurements_02\039650000000.sdatb
2014.10.24 16:37:55	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1810
		Measurement Path: Measurements_02\039700000000.sdatb
2014.10.24 16:40:17	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1811
		Measurement Path: Measurements_02\039750000000.sdatb
2014.10.24 16:42:40	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1812
		Measurement Path: Measurements_02\039800000000.sdatb
2014.10.24 16:45:02	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1813
		Measurement Path: Measurements_02\039850000000.sdatb
2014.10.24 16:47:25	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1814
		Measurement Path: Measurements_02\039900000000.sdatb
2014.10.24 16:49:47	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1815
		Measurement Path: Measurements_02\039950000000.sdatb
2014.10.24 16:52:10	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1816
		Measurement Path: Measurements_02\040000000000.sdatb
2014.10.24 16:54:32	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1817
		Measurement Path: Measurements_02\040050000000.sdatb
2014.10.24 16:56:55	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1818
		Measurement Path: Measurements_02\040100000000.sdatb
2014.10.24 16:59:17	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1819
		Measurement Path: Measurements_02\040150000000.sdatb
2014.10.24 17:01:40	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1820
		Measurement Path: Measurements_02\040200000000.sdatb
2014.10.24 17:04:02	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1821
		Measurement Path: Measurements_02\040250000000.sdatb
2014.10.24 17:06:25	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1822
		Measurement Path: Measurements_02\040300000000.sdatb

Figure 104: Journal used for the PNA E8364C Noise measurements - 87.

2014.10.24 17:08:47	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1823
		Measurement Path: Measurements_02\040350000000.sdatb
2014.10.24 17:11:10	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1824
		Measurement Path: Measurements_02\040400000000.sdatb
2014.10.24 17:13:32	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1825
		Measurement Path: Measurements_02\040450000000.sdatb
2014.10.24 17:15:55	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1826
		Measurement Path: Measurements_02\040500000000.sdatb
2014.10.24 17:18:17	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1827
		Measurement Path: Measurements_02\040550000000.sdatb
2014.10.24 17:20:40	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1828
		Measurement Path: Measurements_02\040600000000.sdatb
2014.10.24 17:23:02	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1829
		Measurement Path: Measurements_02\040650000000.sdatb
2014.10.24 17:25:25	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1830
		Measurement Path: Measurements_02\040700000000.sdatb
2014.10.24 17:27:47	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1831
		Measurement Path: Measurements_02\040750000000.sdatb
2014.10.24 17:30:10	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1832
		Measurement Path: Measurements_02\040800000000.sdatb
2014.10.24 17:32:32	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1833
		Measurement Path: Measurements_02\040850000000.sdatb
2014.10.24 17:34:55	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1834
		Measurement Path: Measurements_02\040900000000.sdatb
2014.10.24 17:37:17	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1835
		Measurement Path: Measurements_02\040950000000.sdatb
2014.10.24 17:39:40	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1836
		Measurement Path: Measurements_02\041000000000.sdatb
2014.10.24 17:42:02	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1837
		Measurement Path: Measurements_02\041050000000.sdatb
2014.10.24 17:44:25	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1838
		Measurement Path: Measurements_02\041100000000.sdatb
2014.10.24 17:46:47	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1839
		Measurement Path: Measurements_02\041150000000.sdatb
2014.10.24 17:49:10	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1840
		Measurement Path: Measurements_02\041200000000.sdatb
2014.10.24 17:51:32	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1841
		Measurement Path: Measurements_02\041250000000.sdatb
2014.10.24 17:53:55	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1842
		Measurement Path: Measurements_02\041300000000.sdatb
2014.10.24 17:56:17	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1843
		Measurement Path: Measurements_02\041350000000.sdatb

Figure 105: Journal used for the PNA E8364C Noise measurements - 88.

2014.10.24 17:58:40	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1844
		Measurement Path: Measurements_02\041400000000.sdatb
2014.10.24 18:01:02	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1845
		Measurement Path: Measurements_02\041450000000.sdatb
2014.10.24 18:03:25	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1846
		Measurement Path: Measurements_02\041500000000.sdatb
2014.10.24 18:05:47	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1847
		Measurement Path: Measurements_02\041550000000.sdatb
2014.10.24 18:08:10	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1848
		Measurement Path: Measurements_02\041600000000.sdatb
2014.10.24 18:10:32	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1849
		Measurement Path: Measurements_02\041650000000.sdatb
2014.10.24 18:12:55	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1850
		Measurement Path: Measurements_02\041700000000.sdatb
2014.10.24 18:15:17	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1851
		Measurement Path: Measurements_02\041750000000.sdatb
2014.10.24 18:17:40	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1852
		Measurement Path: Measurements_02\041800000000.sdatb
2014.10.24 18:20:02	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1853
		Measurement Path: Measurements_02\041850000000.sdatb
2014.10.24 18:22:25	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1854
		Measurement Path: Measurements_02\041900000000.sdatb
2014.10.24 18:24:47	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1855
		Measurement Path: Measurements_02\041950000000.sdatb
2014.10.24 18:27:10	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1856
		Measurement Path: Measurements_02\042000000000.sdatb
2014.10.24 18:29:32	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1857
		Measurement Path: Measurements_02\042050000000.sdatb
2014.10.24 18:31:55	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1858
		Measurement Path: Measurements_02\042100000000.sdatb
2014.10.24 18:34:17	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1859
		Measurement Path: Measurements_02\042150000000.sdatb
2014.10.24 18:36:40	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1860
		Measurement Path: Measurements_02\042200000000.sdatb
2014.10.24 18:39:02	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1861
		Measurement Path: Measurements_02\042250000000.sdatb
2014.10.24 18:41:25	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1862
		Measurement Path: Measurements_02\042300000000.sdatb
2014.10.24 18:43:47	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1863
		Measurement Path: Measurements_02\042350000000.sdatb
2014.10.24 18:46:10	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1864
		Measurement Path: Measurements_02\042400000000.sdatb

Figure 106: Journal used for the PNA E8364C Noise measurements - 89.

2014.10.24 18:48:32	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1865
		Measurement Path: Measurements_02\042450000000.sdatb
2014.10.24 18:50:55	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1866
		Measurement Path: Measurements_02\042500000000.sdatb
2014.10.24 18:53:17	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1867
		Measurement Path: Measurements_02\042550000000.sdatb
2014.10.24 18:55:40	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1868
		Measurement Path: Measurements_02\042600000000.sdatb
2014.10.24 18:58:02	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1869
		Measurement Path: Measurements_02\042650000000.sdatb
2014.10.24 19:00:25	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1870
		Measurement Path: Measurements_02\042700000000.sdatb
2014.10.24 19:02:47	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1871
		Measurement Path: Measurements_02\042750000000.sdatb
2014.10.24 19:05:10	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1872
		Measurement Path: Measurements_02\042800000000.sdatb
2014.10.24 19:07:32	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1873
		Measurement Path: Measurements_02\042850000000.sdatb
2014.10.24 19:09:55	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1874
		Measurement Path: Measurements_02\042900000000.sdatb
2014.10.24 19:12:17	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1875
		Measurement Path: Measurements_02\042950000000.sdatb
2014.10.24 19:14:39	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1876
		Measurement Path: Measurements_02\043000000000.sdatb
2014.10.24 19:17:02	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1877
		Measurement Path: Measurements_02\043050000000.sdatb
2014.10.24 19:19:24	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1878
		Measurement Path: Measurements_02\043100000000.sdatb
2014.10.24 19:21:47	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1879
		Measurement Path: Measurements_02\043150000000.sdatb
2014.10.24 19:24:09	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1880
		Measurement Path: Measurements_02\043200000000.sdatb
2014.10.24 19:26:32	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1881
		Measurement Path: Measurements_02\043250000000.sdatb
2014.10.24 19:28:54	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1882
		Measurement Path: Measurements_02\043300000000.sdatb
2014.10.24 19:31:17	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1883
		Measurement Path: Measurements_02\043350000000.sdatb
2014.10.24 19:33:39	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1884
		Measurement Path: Measurements_02\043400000000.sdatb
2014.10.24 19:36:02	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1885
		Measurement Path: Measurements_02\043450000000.sdatb

Figure 107: Journal used for the PNA E8364C Noise measurements - 90.

2014.10.24 19:38:24	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1886
		Measurement Path: Measurements_02\043500000000.sdatb
2014.10.24 19:40:47	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1887
		Measurement Path: Measurements_02\043550000000.sdatb
2014.10.24 19:43:09	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1888
		Measurement Path: Measurements_02\043600000000.sdatb
2014.10.24 19:45:32	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1889
		Measurement Path: Measurements_02\043650000000.sdatb
2014.10.24 19:47:54	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1890
		Measurement Path: Measurements_02\043700000000.sdatb
2014.10.24 19:50:17	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1891
		Measurement Path: Measurements_02\043750000000.sdatb
2014.10.24 19:52:39	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1892
		Measurement Path: Measurements_02\043800000000.sdatb
2014.10.24 19:55:02	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1893
		Measurement Path: Measurements_02\043850000000.sdatb
2014.10.24 19:57:24	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1894
		Measurement Path: Measurements_02\043900000000.sdatb
2014.10.24 19:59:47	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1895
		Measurement Path: Measurements_02\043950000000.sdatb
2014.10.24 20:02:09	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1896
		Measurement Path: Measurements_02\044000000000.sdatb
2014.10.24 20:04:32	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1897
		Measurement Path: Measurements_02\044050000000.sdatb
2014.10.24 20:06:54	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1898
		Measurement Path: Measurements_02\044100000000.sdatb
2014.10.24 20:09:17	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1899
		Measurement Path: Measurements_02\044150000000.sdatb
2014.10.24 20:11:39	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1900
		Measurement Path: Measurements_02\044200000000.sdatb
2014.10.24 20:14:02	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1901
		Measurement Path: Measurements_02\044250000000.sdatb
2014.10.24 20:16:24	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1902
		Measurement Path: Measurements_02\044300000000.sdatb
2014.10.24 20:18:47	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1903
		Measurement Path: Measurements_02\044350000000.sdatb
2014.10.24 20:21:09	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1904
		Measurement Path: Measurements_02\044400000000.sdatb
2014.10.24 20:23:32	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1905
		Measurement Path: Measurements_02\044450000000.sdatb
2014.10.24 20:25:54	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1906
		Measurement Path: Measurements_02\044500000000.sdatb

Figure 108: Journal used for the PNA E8364C Noise measurements - 91.

2014.10.24 20:28:17	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1907
		Measurement Path: Measurements_02\044550000000.sdatb
2014.10.24 20:30:39	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1908
		Measurement Path: Measurements_02\044600000000.sdatb
2014.10.24 20:33:02	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1909
		Measurement Path: Measurements_02\044650000000.sdatb
2014.10.24 20:35:24	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1910
		Measurement Path: Measurements_02\044700000000.sdatb
2014.10.24 20:37:47	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1911
		Measurement Path: Measurements_02\044750000000.sdatb
2014.10.24 20:40:09	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1912
		Measurement Path: Measurements_02\044800000000.sdatb
2014.10.24 20:42:32	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1913
		Measurement Path: Measurements_02\044850000000.sdatb
2014.10.24 20:44:54	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1914
		Measurement Path: Measurements_02\044900000000.sdatb
2014.10.24 20:47:17	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1915
		Measurement Path: Measurements_02\044950000000.sdatb
2014.10.24 20:49:39	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1916
		Measurement Path: Measurements_02\045000000000.sdatb
2014.10.24 20:52:02	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1917
		Measurement Path: Measurements_02\045050000000.sdatb
2014.10.24 20:54:24	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1918
		Measurement Path: Measurements_02\045100000000.sdatb
2014.10.24 20:56:47	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1919
		Measurement Path: Measurements_02\045150000000.sdatb
2014.10.24 20:59:09	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1920
		Measurement Path: Measurements_02\045200000000.sdatb
2014.10.24 21:01:32	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1921
		Measurement Path: Measurements_02\045250000000.sdatb
2014.10.24 21:03:54	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1922
		Measurement Path: Measurements_02\045300000000.sdatb
2014.10.24 21:06:17	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1923
		Measurement Path: Measurements_02\045350000000.sdatb
2014.10.24 21:08:39	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1924
		Measurement Path: Measurements_02\045400000000.sdatb
2014.10.24 21:11:02	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1925
		Measurement Path: Measurements_02\045450000000.sdatb
2014.10.24 21:13:24	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1926
		Measurement Path: Measurements_02\045500000000.sdatb
2014.10.24 21:15:47	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1927
		Measurement Path: Measurements_02\045550000000.sdatb

Figure 109: Journal used for the PNA E8364C Noise measurements - 92.

2014.10.24 21:18:09	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1928
		Measurement Path: Measurements_02\045600000000.sdatb
2014.10.24 21:20:31	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1929
		Measurement Path: Measurements_02\045650000000.sdatb
2014.10.24 21:22:54	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1930
		Measurement Path: Measurements_02\045700000000.sdatb
2014.10.24 21:25:17	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1931
		Measurement Path: Measurements_02\045750000000.sdatb
2014.10.24 21:27:39	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1932
		Measurement Path: Measurements_02\045800000000.sdatb
2014.10.24 21:30:02	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1933
		Measurement Path: Measurements_02\045850000000.sdatb
2014.10.24 21:32:24	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1934
		Measurement Path: Measurements_02\045900000000.sdatb
2014.10.24 21:34:46	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1935
		Measurement Path: Measurements_02\045950000000.sdatb
2014.10.24 21:37:09	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1936
		Measurement Path: Measurements_02\046000000000.sdatb
2014.10.24 21:39:31	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1937
		Measurement Path: Measurements_02\046050000000.sdatb
2014.10.24 21:41:54	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1938
		Measurement Path: Measurements_02\046100000000.sdatb
2014.10.24 21:44:16	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1939
		Measurement Path: Measurements_02\046150000000.sdatb
2014.10.24 21:46:39	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1940
		Measurement Path: Measurements_02\046200000000.sdatb
2014.10.24 21:49:01	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1941
		Measurement Path: Measurements_02\046250000000.sdatb
2014.10.24 21:51:24	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1942
		Measurement Path: Measurements_02\046300000000.sdatb
2014.10.24 21:53:46	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1943
		Measurement Path: Measurements_02\046350000000.sdatb
2014.10.24 21:56:09	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1944
		Measurement Path: Measurements_02\046400000000.sdatb
2014.10.24 21:58:31	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1945
		Measurement Path: Measurements_02\046450000000.sdatb
2014.10.24 22:00:54	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1946
		Measurement Path: Measurements_02\046500000000.sdatb
2014.10.24 22:03:16	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1947
		Measurement Path: Measurements_02\046550000000.sdatb
2014.10.24 22:05:39	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1948
		Measurement Path: Measurements_02\046600000000.sdatb

Figure 110: Journal used for the PNA E8364C Noise measurements - 93.

2014.10.24 22:08:01	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1949
		Measurement Path: Measurements_02\046650000000.sdatb
2014.10.24 22:10:24	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1950
		Measurement Path: Measurements_02\046700000000.sdatb
2014.10.24 22:12:46	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1951
		Measurement Path: Measurements_02\046750000000.sdatb
2014.10.24 22:15:09	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1952
		Measurement Path: Measurements_02\046800000000.sdatb
2014.10.24 22:17:31	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1953
		Measurement Path: Measurements_02\046850000000.sdatb
2014.10.24 22:19:54	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1954
		Measurement Path: Measurements_02\046900000000.sdatb
2014.10.24 22:22:16	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1955
		Measurement Path: Measurements_02\046950000000.sdatb
2014.10.24 22:24:39	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1956
		Measurement Path: Measurements_02\047000000000.sdatb
2014.10.24 22:27:01	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1957
		Measurement Path: Measurements_02\047050000000.sdatb
2014.10.24 22:29:24	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1958
		Measurement Path: Measurements_02\047100000000.sdatb
2014.10.24 22:31:46	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1959
		Measurement Path: Measurements_02\047150000000.sdatb
2014.10.24 22:34:09	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1960
		Measurement Path: Measurements_02\047200000000.sdatb
2014.10.24 22:36:31	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1961
		Measurement Path: Measurements_02\047250000000.sdatb
2014.10.24 22:38:54	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1962
		Measurement Path: Measurements_02\047300000000.sdatb
2014.10.24 22:41:16	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1963
		Measurement Path: Measurements_02\047350000000.sdatb
2014.10.24 22:43:39	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1964
		Measurement Path: Measurements_02\047400000000.sdatb
2014.10.24 22:46:01	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1965
		Measurement Path: Measurements_02\047450000000.sdatb
2014.10.24 22:48:24	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1966
		Measurement Path: Measurements_02\047500000000.sdatb
2014.10.24 22:50:46	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1967
		Measurement Path: Measurements_02\047550000000.sdatb
2014.10.24 22:53:09	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1968
		Measurement Path: Measurements_02\047600000000.sdatb
2014.10.24 22:55:31	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1969
		Measurement Path: Measurements_02\047650000000.sdatb

Figure 111: Journal used for the PNA E8364C Noise measurements - 94.

2014.10.24 22:57:54	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1970
		Measurement Path: Measurements_02\047700000000.sdatb
2014.10.24 23:00:16	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1971
		Measurement Path: Measurements_02\047750000000.sdatb
2014.10.24 23:02:39	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1972
		Measurement Path: Measurements_02\047800000000.sdatb
2014.10.24 23:05:01	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1973
		Measurement Path: Measurements_02\047850000000.sdatb
2014.10.24 23:07:24	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1974
		Measurement Path: Measurements_02\047900000000.sdatb
2014.10.24 23:09:46	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1975
		Measurement Path: Measurements_02\047950000000.sdatb
2014.10.24 23:12:09	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1976
		Measurement Path: Measurements_02\048000000000.sdatb
2014.10.24 23:14:31	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1977
		Measurement Path: Measurements_02\048050000000.sdatb
2014.10.24 23:16:54	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1978
		Measurement Path: Measurements_02\048100000000.sdatb
2014.10.24 23:19:16	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1979
		Measurement Path: Measurements_02\048150000000.sdatb
2014.10.24 23:21:39	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1980
		Measurement Path: Measurements_02\048200000000.sdatb
2014.10.24 23:24:01	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1981
		Measurement Path: Measurements_02\048250000000.sdatb
2014.10.24 23:26:24	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1982
		Measurement Path: Measurements_02\048300000000.sdatb
2014.10.24 23:28:46	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1983
		Measurement Path: Measurements_02\048350000000.sdatb
2014.10.24 23:31:09	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1984
		Measurement Path: Measurements_02\048400000000.sdatb
2014.10.24 23:33:31	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1985
		Measurement Path: Measurements_02\048450000000.sdatb
2014.10.24 23:35:54	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1986
		Measurement Path: Measurements_02\048500000000.sdatb
2014.10.24 23:38:16	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1987
		Measurement Path: Measurements_02\048550000000.sdatb
2014.10.24 23:40:39	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1988
		Measurement Path: Measurements_02\048600000000.sdatb
2014.10.24 23:43:01	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1989
		Measurement Path: Measurements_02\048650000000.sdatb
2014.10.24 23:45:24	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1990
		Measurement Path: Measurements_02\048700000000.sdatb

Figure 112: Journal used for the PNA E8364C Noise measurements - 95.

2014.10.24 23:47:46	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1991
		Measurement Path: Measurements_02\048750000000.sdatb
2014.10.24 23:50:09	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1992
		Measurement Path: Measurements_02\048800000000.sdatb
2014.10.24 23:52:31	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1993
		Measurement Path: Measurements_02\048850000000.sdatb
2014.10.24 23:54:53	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1994
		Measurement Path: Measurements_02\048900000000.sdatb
2014.10.24 23:57:16	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1995
		Measurement Path: Measurements_02\048950000000.sdatb
2014.10.24 23:59:38	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1996
		Measurement Path: Measurements_02\049000000000.sdatb
2014.10.25 00:02:01	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1997
		Measurement Path: Measurements_02\049050000000.sdatb
2014.10.25 00:04:23	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1998
		Measurement Path: Measurements_02\049100000000.sdatb
2014.10.25 00:06:46	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1999
		Measurement Path: Measurements_02\049150000000.sdatb
2014.10.25 00:09:08	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 2000
		Measurement Path: Measurements_02\049200000000.sdatb
2014.10.25 00:11:31	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 2001
		Measurement Path: Measurements_02\049250000000.sdatb
2014.10.25 00:13:53	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 2002
		Measurement Path: Measurements_02\049300000000.sdatb
2014.10.25 00:16:16	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 2003
		Measurement Path: Measurements_02\049350000000.sdatb
2014.10.25 00:18:38	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 2004
		Measurement Path: Measurements_02\049400000000.sdatb
2014.10.25 00:21:01	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 2005
		Measurement Path: Measurements_02\049450000000.sdatb
2014.10.25 00:23:23	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 2006
		Measurement Path: Measurements_02\049500000000.sdatb
2014.10.25 00:25:46	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 2007
		Measurement Path: Measurements_02\049550000000.sdatb
2014.10.25 00:28:08	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 2008
		Measurement Path: Measurements_02\049600000000.sdatb
2014.10.25 00:30:31	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 2009
		Measurement Path: Measurements_02\049650000000.sdatb
2014.10.25 00:32:53	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 2010
		Measurement Path: Measurements_02\049700000000.sdatb
2014.10.25 00:35:16	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 2011
		Measurement Path: Measurements_02\049750000000.sdatb

Figure 113: Journal used for the PNA E8364C Noise measurements - 96.

2014.10.25 00:37:38	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 2012
		Measurement Path: Measurements_02\049800000000.sdatb
2014.10.25 00:40:01	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 2013
		Measurement Path: Measurements_02\049850000000.sdatb
2014.10.25 00:42:23	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 2014
		Measurement Path: Measurements_02\049900000000.sdatb
2014.10.25 00:44:46	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 2015
		Measurement Path: Measurements_02\049950000000.sdatb
2014.10.25 00:47:08	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 2016
		Measurement Path: Measurements_02\050000000000.sdatb

Figure 114: Journal used for the PNA E8364C Noise measurements - 97.

D.2 Linearity Journals

2014.09.11 13.54.03	VNA Settings	VNA Device: Agilent_PNA_E8364C
		Sweep Mode: SegmentSweep, Sweep Time: 60,000e-06 s, Dwell Time: 0,000e+00 s, IF Average Factor: 1
		Start Freq: 50,000e+06 Hz, Stop Freq: 1,000e+09 Hz, Step Freq: 950,000e+06 Hz, IF Bandwidth: 10,000e+00 Hz
		System Z0: 50,000e+00 Ohm
		Source 1 Power: -17,000 dBm, Source 1 Slope: 0,000 dB/GHz
		Source 2 Power: -17,000 dBm, Source 2 Slope: 0,000 dB/GHz
		Port 1 Attenuator: 0 dB, Port 1 Extension: 0,000e+00 s
		Port 2 Attenuator: 0 dB, Port 2 Extension: 0,000e+00 s
2014.09.11 14.02.38	Cable Movement	Cable: 85135D_2.4mm_7mm, Port: 1, Position: 0, Movement: 1
2014.09.11 14.02.39	Cable Movement	Cable: 85135D_2.4mm_7mm, Port: 2, Position: 0, Movement: 1
2014.09.11 14.02.40	New Connection	Connector: N50, Port: 1, Connection: 1
2014.09.11 14.02.41	New Connection	Connector: N50, Port: 2, Connection: 1
2014.09.11 14.02.58	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1
		Measurement Path: Measurement_01\Standards\Opens.sdatb
2014.09.11 14.04.08	New Connection	Connector: N50, Port: 1, Connection: 2
2014.09.11 14.04.09	New Connection	Connector: N50, Port: 2, Connection: 2
2014.09.11 14.04.17	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 2
		Measurement Path: Measurement_01\Standards\Shorts.sdatb
2014.09.11 14.05.26	New Connection	Connector: N50, Port: 1, Connection: 3
2014.09.11 14.05.27	New Connection	Connector: N50, Port: 2, Connection: 3
2014.09.11 14.05.34	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 3
		Measurement Path: Measurement_01\Standards\Loads.sdatb
2014.09.11 14.06.43	Cable Movement	Cable: 85135D_2.4mm_7mm, Port: 2, Position: 1, Movement: 2
2014.09.11 14.06.44	New Connection	Connector: N50, Port: 1, Connection: 4
2014.09.11 14.06.45	New Connection	Connector: N50, Port: 2, Connection: 4
2014.09.11 14.06.55	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 4
		Measurement Path: Measurement_01\Standards\Thru.sdatb
2014.09.11 14.08.23	Cable Movement	Cable: 85135D_2.4mm_7mm, Port: 1, Position: 1, Movement: 2
2014.09.11 14.08.24	Cable Movement	Cable: 85135D_2.4mm_7mm, Port: 2, Position: 2, Movement: 3
2014.09.11 14.08.25	New Connection	Connector: N50, Port: 1, Connection: 5
2014.09.11 14.08.26	New Connection	Connector: N50, Port: 2, Connection: 5
2014.09.11 14.08.35	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 5
		Measurement Path: Measurement_01\DUTs\0dB.sdatb
2014.09.11 14.09.35	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 6
		Measurement Path: Measurement_01\DUTs\5dB.sdatb
2014.09.11 14.10.17	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 7
		Measurement Path: Measurement_01\DUTs\10dB.sdatb
2014.09.11 14.10.39	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 8
		Measurement Path: Measurement_01\DUTs\15dB.sdatb
2014.09.11 14.11.02	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 9
		Measurement Path: Measurement_01\DUTs\20dB.sdatb

Figure 115: Journal used for the PNA E8364C Linearity measurements - 1.

2014.09.11 14.11.18	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 10
		Measurement Path: Measurement_01\DUTs\25dB.sdatb
2014.09.11 14.11.40	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 11
		Measurement Path: Measurement_01\DUTs\30dB.sdatb
2014.09.11 14.11.56	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 12
		Measurement Path: Measurement_01\DUTs\35dB.sdatb
2014.09.11 14.12.19	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 13
		Measurement Path: Measurement_01\DUTs\40dB.sdatb
2014.09.11 14.13.16	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 14
		Measurement Path: Measurement_01\DUTs\45dB.sdatb
2014.09.11 14.13.36	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 15
		Measurement Path: Measurement_01\DUTs\50dB.sdatb
2014.09.11 14.13.57	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 16
		Measurement Path: Measurement_01\DUTs\55dB.sdatb
2014.09.11 14.14.26	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 17
		Measurement Path: Measurement_01\DUTs\60dB.sdatb
2014.09.11 14.15.07	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 18
		Measurement Path: Measurement_01\DUTs\65dB.sdatb
2014.09.11 14.15.30	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 19
		Measurement Path: Measurement_01\DUTs\70dB.sdatb
2014.09.11 14.15.56	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 20
		Measurement Path: Measurement_01\DUTs\75dB.sdatb
2014.09.11 14.16.23	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 21
		Measurement Path: Measurement_01\DUTs\80dB.sdatb
2014.09.11 14.16.46	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 22
		Measurement Path: Measurement_01\DUTs\85dB.sdatb
2014.09.11 14.17.08	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 23
		Measurement Path: Measurement_01\DUTs\90dB.sdatb
2014.09.11 14.21.03	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 24
		Measurement Path: Measurement_01\DUTs\80dB_02.sdatb
2014.09.11 14.21.17	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 25
		Measurement Path: Measurement_01\DUTs\80dB_03.sdatb
2014.09.11 14.21.33	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 26
		Measurement Path: Measurement_01\DUTs\80dB_04.sdatb
2014.09.11 14.21.48	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 27
		Measurement Path: Measurement_01\DUTs\80dB_05.sdatb
2014.09.11 14.22.10	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 28
		Measurement Path: Measurement_01\DUTs\85dB_02.sdatb
2014.09.11 14.22.31	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 29
		Measurement Path: Measurement_01\DUTs\85dB_03.sdatb
2014.09.11 14.22.42	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 30
		Measurement Path: Measurement_01\DUTs\85dB_04.sdatb

Figure 116: Journal used for the PNA E8364C Linearity measurements - 2.

2014.09.11 14.22.54	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 31
		Measurement Path: Measurement_01\DUTs\85dB_05.sdatb
2014.09.11 14.23.17	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 32
		Measurement Path: Measurement_01\DUTs\90dB_02.sdatb
2014.09.11 14.23.28	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 33
		Measurement Path: Measurement_01\DUTs\90dB_03.sdatb
2014.09.11 14.23.40	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 34
		Measurement Path: Measurement_01\DUTs\90dB_04.sdatb
2014.09.11 14.23.52	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 35
		Measurement Path: Measurement_01\DUTs\90dB_05.sdatb

Figure 117: Journal used for the PNA E8364C Linearity measurements - 3.

D.3 Drift Journals

2014.04.09 15.33.49	VNA Settings	VNA Device: Agilent_PNA_E8364C
		Sweep Mode: SegmentSweep, Sweep Time: 75,000e-03 s, Dwell Time: 0,000e+00 s, IF Average Factor: 1
		Start Freq: 10,000e+06 Hz, Stop Freq: 50,000e+09 Hz, Step Freq: 20,004e+06 Hz, IF Bandwidth: 10,000e+00 Hz
		System Z0: 50,000e+00 Ohm
		Source 1 Power: -17,000 dBm, Source 1 Slope: 0,000 dB/GHz
		Source 2 Power: -17,000 dBm, Source 2 Slope: 0,000 dB/GHz
		Port 1 Attenuator: 0 dB, Port 1 Extension: 0,000e+00 s
		Port 2 Attenuator: 0 dB, Port 2 Extension: 0,000e+00 s
2014.04.09 15.34.19	Cable Movement	Cable: 85133D_2.4mm_2.4mm, Port: 1, Position: 0, Movement: 1
2014.04.09 15.34.20	Cable Movement	Cable: 85133D_2.4mm_2.4mm, Port: 2, Position: 0, Movement: 1
2014.04.09 15.34.21	New Connection	Connector: 2.4mm, Port: 1, Connection: 1
2014.04.09 15.34.22	New Connection	Connector: 2.4mm, Port: 2, Connection: 1
2014.04.09 15.42.10	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 1
		Measurement Path: Measurements_01\Standards\Opens.sdatb
2014.04.09 15.43.12	New Connection	Connector: 2.4mm, Port: 1, Connection: 2
2014.04.09 15.43.13	New Connection	Connector: 2.4mm, Port: 2, Connection: 2
2014.04.09 15.54.53	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 2
		Measurement Path: Measurements_01\Standards\Shorts.sdatb
2014.04.09 15.54.55	New Connection	Connector: 2.4mm, Port: 1, Connection: 3
2014.04.09 15.54.56	New Connection	Connector: 2.4mm, Port: 2, Connection: 3
2014.04.09 16.09.06	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 3
		Measurement Path: Measurements_01\Standards\Loads.sdatb
2014.04.09 16.09.10	New Connection	Connector: 2.4mm, Port: 1, Connection: 4
2014.04.09 16.09.11	New Connection	Connector: 2.4mm, Port: 2, Connection: 4
2014.04.09 16.21.03	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 4
		Measurement Path: Measurements_01\Standards\Slidings\Slidings_01.sdatb
2014.04.09 16.34.04	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 5
		Measurement Path: Measurements_01\Standards\Slidings\Slidings_02.sdatb
2014.04.09 16.41.57	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 6
		Measurement Path: Measurements_01\Standards\Slidings\Slidings_03.sdatb
2014.04.09 16.50.19	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 7
		Measurement Path: Measurements_01\Standards\Slidings\Slidings_04.sdatb
2014.04.09 16.58.10	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 8
		Measurement Path: Measurements_01\Standards\Slidings\Slidings_05.sdatb
2014.04.09 17.06.18	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 9
		Measurement Path: Measurements_01\Standards\Slidings\Slidings_06.sdatb
2014.04.09 17.07.04	Cable Movement	Cable: 85133D_2.4mm_2.4mm, Port: 2, Position: 1, Movement: 2
2014.04.09 17.07.05	New Connection	Connector: 2.4mm, Port: 1, Connection: 5
2014.04.09 17.07.06	New Connection	Connector: 2.4mm, Port: 2, Connection: 5
2014.04.09 17.14.51	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 10
		Measurement Path: Measurements_01\Standards\Thru.sdatb

Figure 118: Journal used for the PNA E8364C Drift measurements - 1.

2014.04.09 17.22.52	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 11
		Measurement Path: Measurements_01\Standards\SwitchTerms.sdatb
2014.04.09 17.30.50	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 12
		Measurement Path: Measurements_01\DUTs\Thru_01_20140409_1723.sdatb
2014.04.10 08.47.19	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 13
		Measurement Path: Measurements_01\DUTs\Thru_02_20140409_1811.sdatb
2014.04.10 09.12.33	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 14
		Measurement Path: Measurements_01\DUTs\Thru_03_20140410_0847.sdatb
2014.04.10 17.16.36	Measurement	VNA Device: Agilent_PNA_E8364C, Measurement: 15
		Measurement Path: Measurements_01\DUTs\Thru_04_20140410_1707.sdatb

Figure 119: Journal used for the PNA E8364C Drift measurements - 2.