ROHDE&SCHWARZ

CALIBRATION CERTIFICATE

Kalibrierschein

Certificate Number
Zertifikatsnummer

1020A300773173

DAkkS Deutsche Akkreditierungsstelle D-K-15195-01-00

General Data

Item Gegenstand	Artificial Mains Network		
Manufacturer Hersteller	ROHDE & SCHWARZ		
Type Typ	ENV432		
Material Number Materialnummer	1326.6105.02	**Serial Number** Seriennummer	101564
Order Number Bestellnummer	8800067352 10, 312025507	**Asset Number** Inventarnummer	
Customer Auftraggeber	Exporta s.r.o. Patockova 1434/51 160 00 Praha 6 CZ		

Performance

Place and Date of Calibration Ort und Datum der Kalibrierung	87700 Memmingen, Rohde-und-Schwarz-Str. 1 2024-11-29
Statement of Compliance (Incoming) Konformitätsaussage (Anlieferung)	All measured values are within the data sheet specifications.
Statement of Compliance (Outgoing) Konformitätsaussage (Auslieferung)	All measured values are within the data sheet specifications.
Customers due Interval Kalibrierintervall des Kunden	
Extent of Calibration Document Umfang des Kalibrierdokuments	3 Pages Certificate 44 Pages Outgoing Results

Date of Issue Ausstellungsdatum	**Approval of the certificate by** Freigabe des Kalibrierscheins durch	
2024-12-03	Dr. Gerhard Rösel	Thomas Weigl
	Laboratory Management Labormanagement	**Person in Charge** Bearbeiter

Calibration Mark
Kalibrierzeichen

300773173
D-K-15195-01-00
2024-11

Member of Deutscher Kalibrierdienst
Mitglied im Deutschen Kalibrierdienst

DKD

This calibration certificate documents the metrological traceability to national standards, which realize the units of measurement according to the International System of Units (SI). The DAkkS is signatory to the multilateral agreements of the European co-operation for Accreditation (EA) and of the International Laboratory Accreditation Cooperation (ILAC) for the mutual recognition of calibration certificates. The user is obliged to have the object recalibrated at appropriate intervals. This calibration certificate may not be reproduced other than in full except with the permission of the issuing laboratory. Calibration certificates with the full name of the approval responsible person are valid without signature.

Dieser Kalibrierschein dokumentiert die metrologische Rückführbarkeit auf nationale Normale zur Darstellung der Einheiten in Übereinstimmung mit dem Internationalen Einheitensystem (SI). Die DAkkS ist Unterzeichner der multilateralen Übereinkommen der European cooperation for Accreditation (EA) und der International Laboratory Accreditation Cooperation (ILAC) zur gegenseitigen Anerkennung der Kalibrierscheine.
Für die Einhaltung einer angemessenen Frist zur Wiederholung der Kalibrierung ist der Benutzer verantwortlich.
Dieser Kalibrierschein darf nur vollständig weiterverbreitet werden. Auszüge oder Änderungen bedürfen der Genehmigung des ausstellenden Kalibrierlaboratoriums. Kalibrierscheine sind bei Nennung des für die Freigabe Verantwortlichen in Klarschrift auch ohne Unterschrift gültig.

Calibration Procedure
The calibration was performed according to CISPR 16-1-2:2014/AMD1:2017 (EN 55016-1-2:2014 + A1:2018). Impedance and attenuation was measured using a Vector Network Analyzer, calibrated with a calibration kit. The traceability of the measurands is represented in the table Working Standards used.

Working Standards used

Item	Type	Serial Number	Calibration Certificate Number	Cal. Due
Test -/ Calibration Adapter	EZ-26	10001	0001A300756279	2026-10-31
Test -/ Calibration Adapter	EZ-28	101422	0001A300756280	2026-04-30
Vector Network Analyzer 4 Port	ZNB8	102442	0001A300746760	2025-11-30
Termination 18 GHz, N-M	ZV-Z21 MM	.5SM01094	0001A300720554	2025-05-31
Calibration Kit 18GHz N-Typ	ZV-Z270	101477	20A1185846	2025-07-31

Remarks
The instrument was not adjusted, therefore only outgoing results are available.

Environmental Conditions			
Ambient Temperature	(23 ± 3) °C	**Relative Humidity**	20%-60%

Comments on Measurement Results

The reported results apply only to those items specifically listed on this calibration certificate and have been tested for compliance with the specifications. The associated uncertainty of measurement has been taken into account if not otherwise stated.
The non-binary decision rule with guard band is used according to ILAC G8:09/2019 ‘Guidelines on Decision Rules and Statements of Conformity’. Pass is normally not marked. Conditional Pass is marked with UGB1, Conditional Fail with UGB2 and Fail with Fail.

The reported expanded uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by the coverage factor (k=2) such that the coverage probability corresponds to approximately 95 %. It is consistent with the EA-4/02 M:2022.

In addition to the calibration results, the calibration certificate includes functional measurements that might have an influence on the measurement uncertainty of the calibration results.
The functional measurement results are marked and are not intended to be used to support the further dissemination of metrological traceability. They are intended to verify the requirements on the measurement object according to manufacturer specifications and technical standards.

Outgoing Results

Designation:	**V-NETWORK FOUR LINE**
Type:	**ENV432**
Material No.:	**1326.6105.02**
Serial No.:	**101564**
Certificate No.:	**1020A300773173**
Referring to Test Documentation:	**1326.6105.01-PB-01.02**

Calibration method: **According to Standard CISPR 16-1-2:2014**

Test Department: **3MES1**

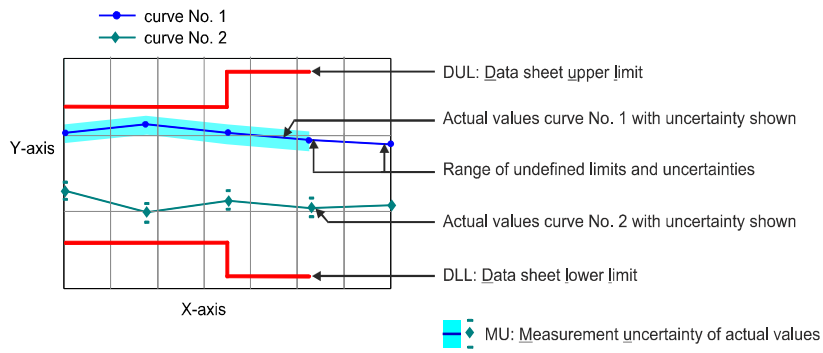
Name: **See certificate**

Date: **2024-11-29**

The following abbreviations may be used in this document

{a}	No measurement uncertainty stated because the errors always add together. So it is sure that a measurement result evaluated as "PASS" is pass.
{b}	The measurement uncertainty depends on the measurement result. The stated measurement uncertainty is valid for the close area around the specification. Measurement results outside the close area have a higher measurement uncertainty but are within the specification.
{c}	Functional test, therefore no measurement uncertainty is stated.
{d}	Typical value, refer to performance test.
{e}	The measurement uncertainty is taken into account when setting the measuring system.
{g}	Verification of specified requirements, non-accredited measurements. Technical operations that consist of the determination of one or more characteristics to a specified procedure (formerly {f}).
DL or DT	Data Limit for symmetrical tolerance limits
DLL	Datasheet Lower Limit
DUL	Datasheet Upper Limit
MU	Symmetrical Measurement Uncertainty
MLL or MLV	Measurement Uncertainty Lower Value
MUL or MUV	Measurement Uncertainty Upper Value
Nom.	Nominal Value
Dev.	Deviation
Act.	Actual Value
UGB	Uncertainty Guard Band: Measuring uncertainty violates the data (spec.) limit.
UGB1	A compliance statement may be possible where a confidence level of less than 95 % is acceptable.
UGB2	A non-compliance statement may be possible where a confidence level of less than 95 % is acceptable.
DU	Datasheet Uncertainty

Explanation of charts



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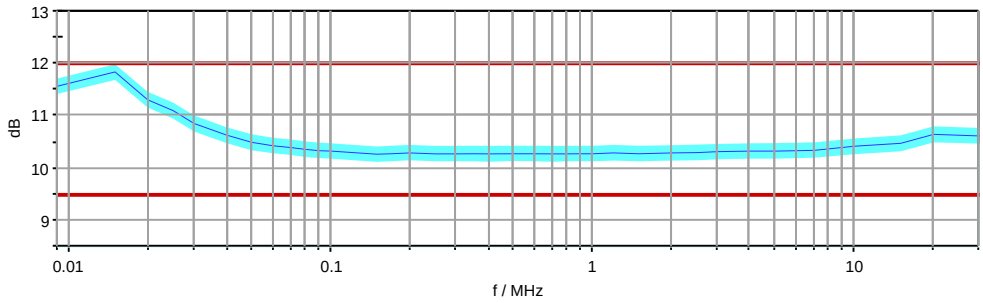
Software used for measurement

Item	Type	Version	Remark
7011.8648.00 ACC.G5Lim	Limit File	2022-01-20 06:48	
Suite	Setup	V12.45.04	Test Management Software G5
Test Program (7011.8648.00)	Component	V01.16	

1. Voltage Division Factor CISPR 16-1-2

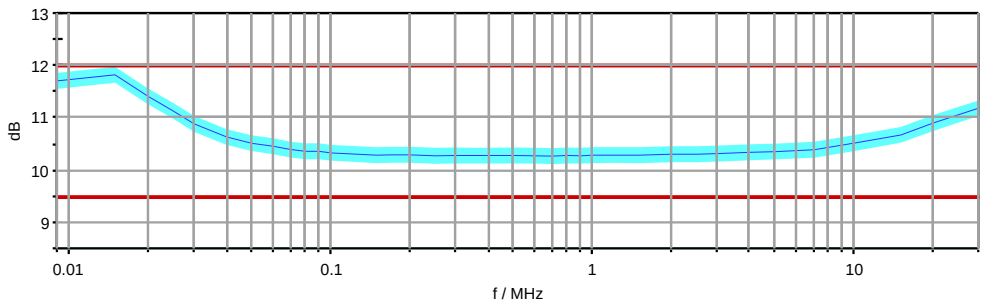
EUT 1 L1

Frequency /MHz	DLL /dB	Actual /dB	DUL /dB	MU /dB
0.009	9.50	11.56	12.00	0.15
0.015	9.50	11.83	12.00	0.15
0.020	9.50	11.31	12.00	0.15
0.025	9.50	11.10	12.00	0.15
0.030	9.50	10.86	12.00	0.15
0.040	9.50	10.64	12.00	0.15
0.050	9.50	10.50	12.00	0.15
0.060	9.50	10.44	12.00	0.15
0.070	9.50	10.40	12.00	0.15
0.080	9.50	10.36	12.00	0.15
0.090	9.50	10.34	12.00	0.15
0.100	9.50	10.33	12.00	0.15
0.150	9.50	10.27	12.00	0.15
0.170	9.50	10.29	12.00	0.15
0.200	9.50	10.30	12.00	0.15
0.250	9.50	10.28	12.00	0.15
0.300	9.50	10.28	12.00	0.15
0.350	9.50	10.29	12.00	0.15
0.400	9.50	10.28	12.00	0.15
0.500	9.50	10.29	12.00	0.15
0.600	9.50	10.29	12.00	0.15
0.700	9.50	10.28	12.00	0.15
0.800	9.50	10.28	12.00	0.15
0.900	9.50	10.29	12.00	0.15
1.000	9.50	10.29	12.00	0.15
1.200	9.50	10.30	12.00	0.15
1.500	9.50	10.29	12.00	0.15
2.000	9.50	10.30	12.00	0.15
2.500	9.50	10.30	12.00	0.15
3.000	9.50	10.32	12.00	0.15
4.000	9.50	10.33	12.00	0.15
5.000	9.50	10.34	12.00	0.15
7.000	9.50	10.35	12.00	0.15
10.00	9.50	10.42	12.00	0.15
15.00	9.50	10.48	12.00	0.15
20.00	9.50	10.65	12.00	0.15
30.00	9.50	10.62	12.00	0.15



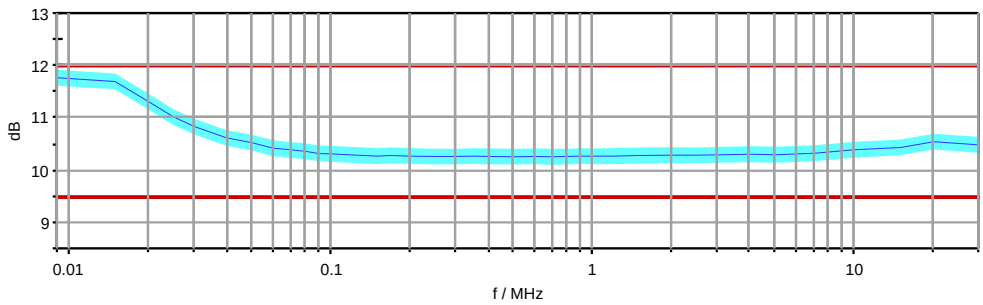
EUT 1 N

Frequency /MHz	DLL /dB	Actual /dB	DUL /dB	MU /dB
0.009	9.50	11.71	12.00	0.15
0.015	9.50	11.83	12.00	0.15
0.020	9.50	11.42	12.00	0.15
0.025	9.50	11.14	12.00	0.15
0.030	9.50	10.89	12.00	0.15
0.040	9.50	10.64	12.00	0.15
0.050	9.50	10.53	12.00	0.15
0.060	9.50	10.47	12.00	0.15
0.070	9.50	10.40	12.00	0.15
0.080	9.50	10.37	12.00	0.15
0.090	9.50	10.37	12.00	0.15
0.100	9.50	10.34	12.00	0.15
0.150	9.50	10.30	12.00	0.15
0.170	9.50	10.31	12.00	0.15
0.200	9.50	10.31	12.00	0.15
0.250	9.50	10.29	12.00	0.15
0.300	9.50	10.29	12.00	0.15
0.350	9.50	10.29	12.00	0.15
0.400	9.50	10.29	12.00	0.15
0.500	9.50	10.29	12.00	0.15
0.600	9.50	10.29	12.00	0.15
0.700	9.50	10.28	12.00	0.15
0.800	9.50	10.29	12.00	0.15
0.900	9.50	10.29	12.00	0.15
1.000	9.50	10.30	12.00	0.15
1.200	9.50	10.30	12.00	0.15
1.500	9.50	10.30	12.00	0.15
2.000	9.50	10.32	12.00	0.15
2.500	9.50	10.32	12.00	0.15
3.000	9.50	10.33	12.00	0.15
4.000	9.50	10.35	12.00	0.15
5.000	9.50	10.37	12.00	0.15
7.000	9.50	10.40	12.00	0.15
10.00	9.50	10.53	12.00	0.15
15.00	9.50	10.68	12.00	0.15
20.00	9.50	10.91	12.00	0.15
30.00	9.50	11.20	12.00	0.15



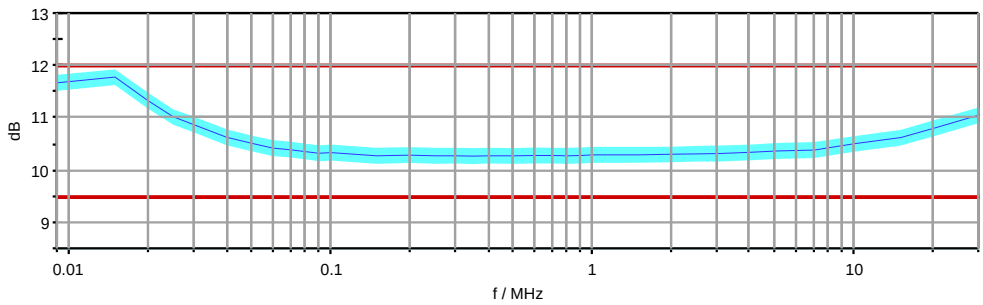
EUT 2 L1

Frequency /MHz	DLL /dB	Actual /dB	DUL /dB	MU /dB
0.009	9.50	11.77	12.00	0.15
0.015	9.50	11.70	12.00	0.15
0.020	9.50	11.33	12.00	0.15
0.025	9.50	11.02	12.00	0.15
0.030	9.50	10.84	12.00	0.15
0.040	9.50	10.62	12.00	0.15
0.050	9.50	10.54	12.00	0.15
0.060	9.50	10.43	12.00	0.15
0.070	9.50	10.40	12.00	0.15
0.080	9.50	10.37	12.00	0.15
0.090	9.50	10.33	12.00	0.15
0.100	9.50	10.32	12.00	0.15
0.150	9.50	10.28	12.00	0.15
0.170	9.50	10.29	12.00	0.15
0.200	9.50	10.28	12.00	0.15
0.250	9.50	10.27	12.00	0.15
0.300	9.50	10.27	12.00	0.15
0.350	9.50	10.28	12.00	0.15
0.400	9.50	10.28	12.00	0.15
0.500	9.50	10.27	12.00	0.15
0.600	9.50	10.28	12.00	0.15
0.700	9.50	10.27	12.00	0.15
0.800	9.50	10.27	12.00	0.15
0.900	9.50	10.28	12.00	0.15
1.000	9.50	10.28	12.00	0.15
1.200	9.50	10.28	12.00	0.15
1.500	9.50	10.29	12.00	0.15
2.000	9.50	10.30	12.00	0.15
2.500	9.50	10.30	12.00	0.15
3.000	9.50	10.31	12.00	0.15
4.000	9.50	10.32	12.00	0.15
5.000	9.50	10.31	12.00	0.15
7.000	9.50	10.34	12.00	0.15
10.00	9.50	10.40	12.00	0.15
15.00	9.50	10.45	12.00	0.15
20.00	9.50	10.55	12.00	0.15
30.00	9.50	10.49	12.00	0.15



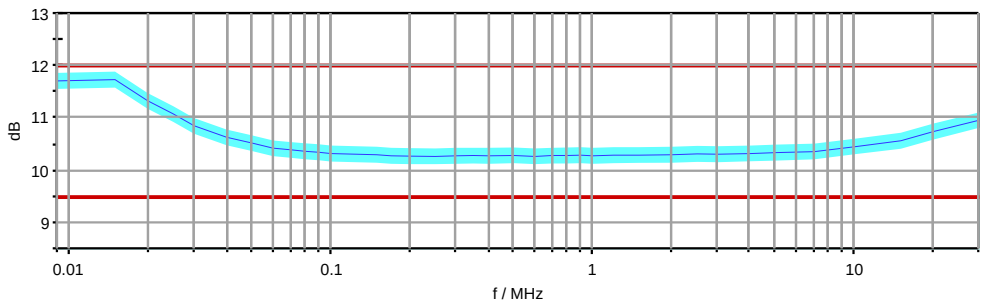
EUT 2 L2

Frequency /MHz	DLL /dB	Actual /dB	DUL /dB	MU /dB
0.009	9.50	11.67	12.00	0.15
0.015	9.50	11.78	12.00	0.15
0.020	9.50	11.34	12.00	0.15
0.025	9.50	11.02	12.00	0.15
0.030	9.50	10.88	12.00	0.15
0.040	9.50	10.64	12.00	0.15
0.050	9.50	10.52	12.00	0.15
0.060	9.50	10.43	12.00	0.15
0.070	9.50	10.40	12.00	0.15
0.080	9.50	10.37	12.00	0.15
0.090	9.50	10.34	12.00	0.15
0.100	9.50	10.35	12.00	0.15
0.150	9.50	10.29	12.00	0.15
0.170	9.50	10.29	12.00	0.15
0.200	9.50	10.30	12.00	0.15
0.250	9.50	10.29	12.00	0.15
0.300	9.50	10.29	12.00	0.15
0.350	9.50	10.28	12.00	0.15
0.400	9.50	10.29	12.00	0.15
0.500	9.50	10.28	12.00	0.15
0.600	9.50	10.29	12.00	0.15
0.700	9.50	10.29	12.00	0.15
0.800	9.50	10.29	12.00	0.15
0.900	9.50	10.29	12.00	0.15
1.000	9.50	10.30	12.00	0.15
1.200	9.50	10.30	12.00	0.15
1.500	9.50	10.31	12.00	0.15
2.000	9.50	10.31	12.00	0.15
2.500	9.50	10.33	12.00	0.15
3.000	9.50	10.33	12.00	0.15
4.000	9.50	10.35	12.00	0.15
5.000	9.50	10.38	12.00	0.15
7.000	9.50	10.39	12.00	0.15
10.00	9.50	10.51	12.00	0.15
15.00	9.50	10.63	12.00	0.15
20.00	9.50	10.81	12.00	0.15
30.00	9.50	11.06	12.00	0.15



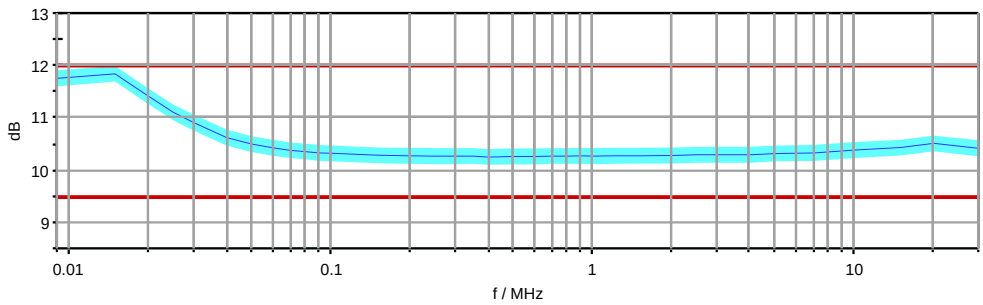
EUT 2 L3

Frequency /MHz	DLL /dB	Actual /dB	DUL /dB	MU /dB
0.009	9.50	11.71	12.00	0.15
0.015	9.50	11.73	12.00	0.15
0.020	9.50	11.33	12.00	0.15
0.025	9.50	11.08	12.00	0.15
0.030	9.50	10.85	12.00	0.15
0.040	9.50	10.64	12.00	0.15
0.050	9.50	10.53	12.00	0.15
0.060	9.50	10.43	12.00	0.15
0.070	9.50	10.40	12.00	0.15
0.080	9.50	10.37	12.00	0.15
0.090	9.50	10.35	12.00	0.15
0.100	9.50	10.33	12.00	0.15
0.150	9.50	10.31	12.00	0.15
0.170	9.50	10.29	12.00	0.15
0.200	9.50	10.28	12.00	0.15
0.250	9.50	10.28	12.00	0.15
0.300	9.50	10.29	12.00	0.15
0.350	9.50	10.29	12.00	0.15
0.400	9.50	10.29	12.00	0.15
0.500	9.50	10.30	12.00	0.15
0.600	9.50	10.28	12.00	0.15
0.700	9.50	10.29	12.00	0.15
0.800	9.50	10.29	12.00	0.15
0.900	9.50	10.30	12.00	0.15
1.000	9.50	10.29	12.00	0.15
1.200	9.50	10.30	12.00	0.15
1.500	9.50	10.30	12.00	0.15
2.000	9.50	10.31	12.00	0.15
2.500	9.50	10.32	12.00	0.15
3.000	9.50	10.32	12.00	0.15
4.000	9.50	10.33	12.00	0.15
5.000	9.50	10.35	12.00	0.15
7.000	9.50	10.37	12.00	0.15
10.00	9.50	10.46	12.00	0.15
15.00	9.50	10.57	12.00	0.15
20.00	9.50	10.75	12.00	0.15
30.00	9.50	10.97	12.00	0.15



EUT 2 N

Frequency /MHz	DLL /dB	Actual /dB	DUL /dB	MU /dB
0.009	9.50	11.76	12.00	0.15
0.015	9.50	11.85	12.00	0.15
0.020	9.50	11.43	12.00	0.15
0.025	9.50	11.11	12.00	0.15
0.030	9.50	10.92	12.00	0.15
0.040	9.50	10.63	12.00	0.15
0.050	9.50	10.51	12.00	0.15
0.060	9.50	10.44	12.00	0.15
0.070	9.50	10.39	12.00	0.15
0.080	9.50	10.37	12.00	0.15
0.090	9.50	10.34	12.00	0.15
0.100	9.50	10.33	12.00	0.15
0.150	9.50	10.30	12.00	0.15
0.170	9.50	10.29	12.00	0.15
0.200	9.50	10.29	12.00	0.15
0.250	9.50	10.28	12.00	0.15
0.300	9.50	10.28	12.00	0.15
0.350	9.50	10.28	12.00	0.15
0.400	9.50	10.27	12.00	0.15
0.500	9.50	10.28	12.00	0.15
0.600	9.50	10.27	12.00	0.15
0.700	9.50	10.28	12.00	0.15
0.800	9.50	10.28	12.00	0.15
0.900	9.50	10.29	12.00	0.15
1.000	9.50	10.28	12.00	0.15
1.200	9.50	10.29	12.00	0.15
1.500	9.50	10.29	12.00	0.15
2.000	9.50	10.29	12.00	0.15
2.500	9.50	10.31	12.00	0.15
3.000	9.50	10.31	12.00	0.15
4.000	9.50	10.31	12.00	0.15
5.000	9.50	10.33	12.00	0.15
7.000	9.50	10.34	12.00	0.15
10.00	9.50	10.39	12.00	0.15
15.00	9.50	10.44	12.00	0.15
20.00	9.50	10.52	12.00	0.15
30.00	9.50	10.43	12.00	0.15

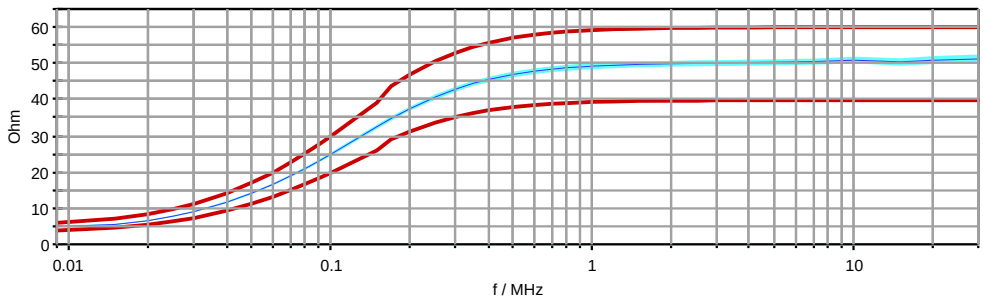


2. Impedance CISPR 16-1-2 with SHORT

EUT 1 L1

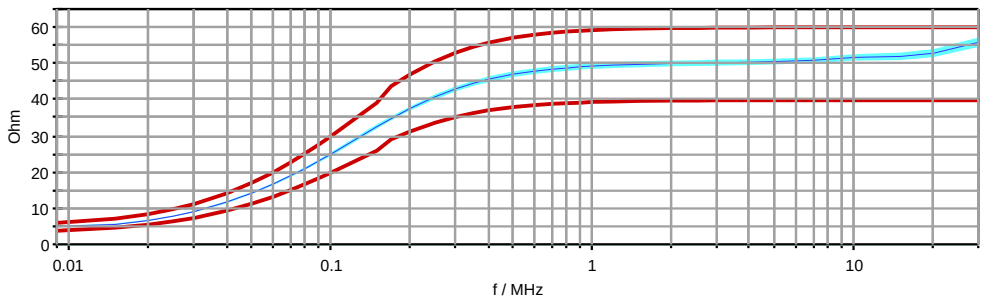
Supply input is shorted for all impedance measurements.

Frequency /MHz	DLL /Ohm	Actual /Ohm	DUL /Ohm	MU /Ohm
0.009	4.18	5.27	6.26	0.20
0.015	4.98	5.85	7.46	0.20
0.020	5.80	6.91	8.70	0.20
0.025	6.70	8.12	10.06	0.20
0.030	7.65	9.37	11.47	0.20
0.040	9.59	11.92	14.39	0.30
0.050	11.53	14.42	17.29	0.30
0.060	13.42	16.82	20.12	0.30
0.070	15.23	19.11	22.85	0.40
0.080	16.95	21.26	25.43	0.40
0.090	18.58	23.28	27.86	0.40
0.100	20.09	25.16	30.13	0.50
0.150	26.18	32.65	39.26	0.60
0.170	29.20	34.89	43.80	0.60
0.200	31.30	37.61	46.94	0.60
0.250	33.74	40.87	50.62	0.70
0.300	35.34	43.07	53.00	0.70
0.350	36.42	44.59	54.62	0.70
0.400	37.17	45.68	55.75	0.80
0.500	38.12	47.10	57.18	0.80
0.600	38.66	47.93	58.00	0.80
0.700	39.01	48.46	58.51	0.80
0.800	39.23	48.87	58.85	0.80
0.900	39.39	49.11	59.09	0.80
1.000	39.50	49.30	59.26	0.80
1.200	39.66	49.55	59.48	0.80
1.500	39.78	49.78	59.66	0.80
2.000	39.87	49.97	59.81	0.80
2.500	39.92	50.08	59.88	0.80
3.000	39.94	50.15	59.92	0.80
4.000	39.97	50.26	59.95	0.80
5.000	39.98	50.35	59.98	0.80
7.000	39.99	50.52	59.99	0.80
10.00	39.99	50.94	59.99	0.90
15.00	40.00	50.47	60.00	1.00
20.00	40.00	50.95	60.00	1.10
30.00	40.00	51.23	60.00	1.30



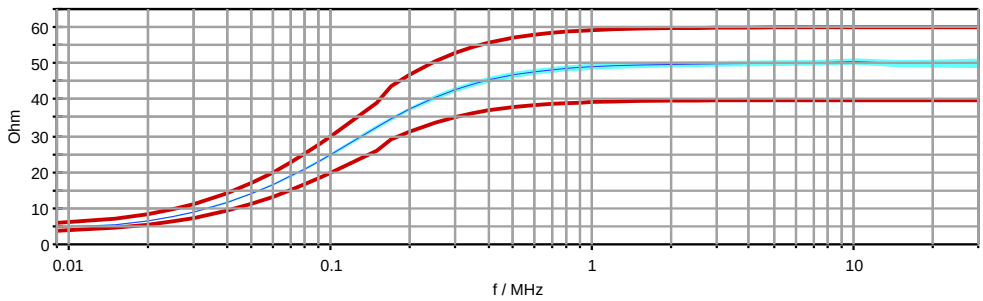
EUT 1 N

Frequency /MHz	DLL /Ohm	Actual /Ohm	DUL /Ohm	MU /Ohm
0.009	4.18	5.31	6.26	0.20
0.015	4.98	5.89	7.46	0.20
0.020	5.80	6.95	8.70	0.20
0.025	6.70	8.15	10.06	0.20
0.030	7.65	9.40	11.47	0.20
0.040	9.59	11.95	14.39	0.30
0.050	11.53	14.45	17.29	0.30
0.060	13.42	16.86	20.12	0.30
0.070	15.23	19.14	22.85	0.40
0.080	16.95	21.30	25.43	0.40
0.090	18.58	23.32	27.86	0.40
0.100	20.09	25.20	30.13	0.50
0.150	26.18	32.70	39.26	0.60
0.170	29.20	34.94	43.80	0.60
0.200	31.30	37.65	46.94	0.60
0.250	33.74	40.91	50.62	0.70
0.300	35.34	43.11	53.00	0.70
0.350	36.42	44.63	54.62	0.70
0.400	37.17	45.72	55.75	0.80
0.500	38.12	47.13	57.18	0.80
0.600	38.66	47.97	58.00	0.80
0.700	39.01	48.50	58.51	0.80
0.800	39.23	48.85	58.85	0.80
0.900	39.39	49.15	59.09	0.80
1.000	39.50	49.33	59.26	0.80
1.200	39.66	49.59	59.48	0.80
1.500	39.78	49.82	59.66	0.80
2.000	39.87	50.01	59.81	0.80
2.500	39.92	50.16	59.88	0.80
3.000	39.94	50.25	59.92	0.80
4.000	39.97	50.42	59.95	0.80
5.000	39.98	50.57	59.98	0.80
7.000	39.99	50.92	59.99	0.80
10.00	39.99	51.69	59.99	0.90
15.00	40.00	51.99	60.00	1.00
20.00	40.00	52.85	60.00	1.10
30.00	40.00	56.01	60.00	1.30



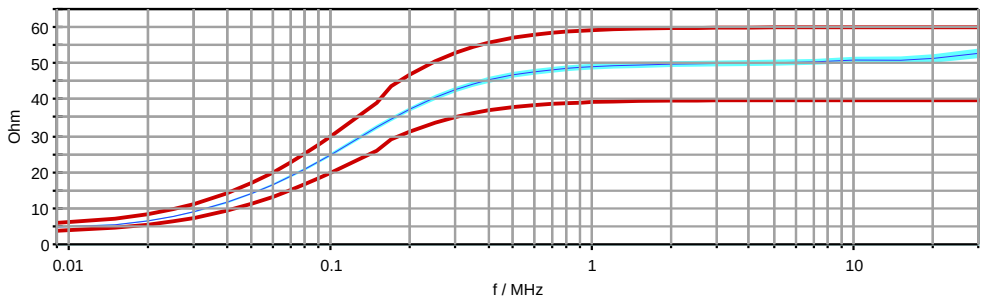
EUT 2 L1

Frequency /MHz	DLL /Ohm	Actual /Ohm	DUL /Ohm	MU /Ohm
0.009	4.18	5.11	6.26	0.20
0.015	4.98	5.73	7.46	0.20
0.020	5.80	6.81	8.70	0.20
0.025	6.70	8.03	10.06	0.20
0.030	7.65	9.29	11.47	0.20
0.040	9.59	11.85	14.39	0.30
0.050	11.53	14.35	17.29	0.30
0.060	13.42	16.75	20.12	0.30
0.070	15.23	19.03	22.85	0.40
0.080	16.95	21.18	25.43	0.40
0.090	18.58	23.19	27.86	0.40
0.100	20.09	25.07	30.13	0.50
0.150	26.18	32.55	39.26	0.60
0.170	29.20	34.78	43.80	0.60
0.200	31.30	37.49	46.94	0.60
0.250	33.74	40.74	50.62	0.70
0.300	35.34	42.93	53.00	0.70
0.350	36.42	44.45	54.62	0.70
0.400	37.17	45.54	55.75	0.80
0.500	38.12	46.95	57.18	0.80
0.600	38.66	47.78	58.00	0.80
0.700	39.01	48.30	58.51	0.80
0.800	39.23	48.71	58.85	0.80
0.900	39.39	48.95	59.09	0.80
1.000	39.50	49.14	59.26	0.80
1.200	39.66	49.39	59.48	0.80
1.500	39.78	49.61	59.66	0.80
2.000	39.87	49.80	59.81	0.80
2.500	39.92	49.90	59.88	0.80
3.000	39.94	49.97	59.92	0.80
4.000	39.97	50.06	59.95	0.80
5.000	39.98	50.12	59.98	0.80
7.000	39.99	50.24	59.99	0.80
10.00	39.99	50.57	59.99	0.90
15.00	40.00	50.02	60.00	1.00
20.00	40.00	50.01	60.00	1.10
30.00	40.00	50.08	60.00	1.30



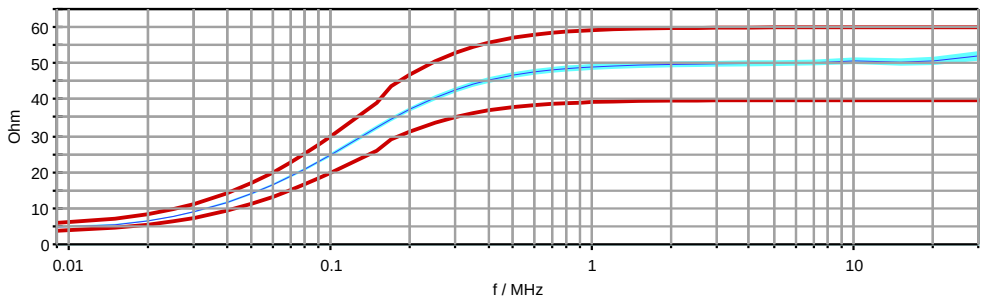
EUT 2 L2

Frequency /MHz	DLL /Ohm	Actual /Ohm	DUL /Ohm	MU /Ohm
0.009	4.18	5.19	6.26	0.20
0.015	4.98	5.79	7.46	0.20
0.020	5.80	6.86	8.70	0.20
0.025	6.70	8.06	10.06	0.20
0.030	7.65	9.32	11.47	0.20
0.040	9.59	11.86	14.39	0.30
0.050	11.53	14.34	17.29	0.30
0.060	13.42	16.74	20.12	0.30
0.070	15.23	19.01	22.85	0.40
0.080	16.95	21.16	25.43	0.40
0.090	18.58	23.17	27.86	0.40
0.100	20.09	25.05	30.13	0.50
0.150	26.18	32.52	39.26	0.60
0.170	29.20	34.75	43.80	0.60
0.200	31.30	37.47	46.94	0.60
0.250	33.74	40.72	50.62	0.70
0.300	35.34	42.92	53.00	0.70
0.350	36.42	44.45	54.62	0.70
0.400	37.17	45.54	55.75	0.80
0.500	38.12	46.95	57.18	0.80
0.600	38.66	47.78	58.00	0.80
0.700	39.01	48.30	58.51	0.80
0.800	39.23	48.72	58.85	0.80
0.900	39.39	48.97	59.09	0.80
1.000	39.50	49.16	59.26	0.80
1.200	39.66	49.42	59.48	0.80
1.500	39.78	49.64	59.66	0.80
2.000	39.87	49.84	59.81	0.80
2.500	39.92	49.96	59.88	0.80
3.000	39.94	50.03	59.92	0.80
4.000	39.97	50.16	59.95	0.80
5.000	39.98	50.26	59.98	0.80
7.000	39.99	50.47	59.99	0.80
10.00	39.99	51.00	59.99	0.90
15.00	40.00	50.94	60.00	1.00
20.00	40.00	51.44	60.00	1.10
30.00	40.00	52.85	60.00	1.30



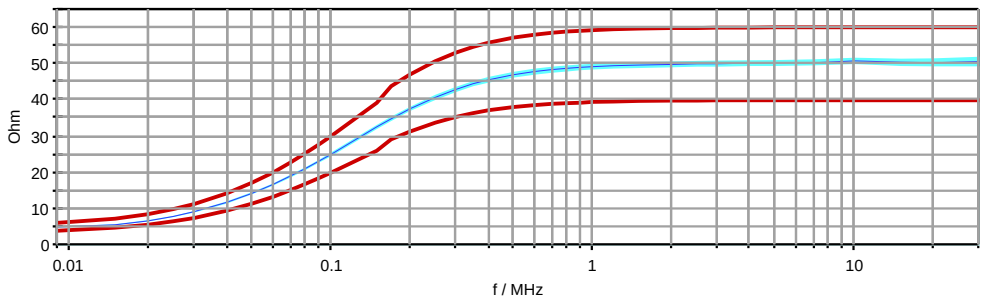
EUT 2 L3

Frequency /MHz	DLL /Ohm	Actual /Ohm	DUL /Ohm	MU /Ohm
0.009	4.18	5.20	6.26	0.20
0.015	4.98	5.80	7.46	0.20
0.020	5.80	6.86	8.70	0.20
0.025	6.70	8.07	10.06	0.20
0.030	7.65	9.32	11.47	0.20
0.040	9.59	11.85	14.39	0.30
0.050	11.53	14.33	17.29	0.30
0.060	13.42	16.72	20.12	0.30
0.070	15.23	18.99	22.85	0.40
0.080	16.95	21.13	25.43	0.40
0.090	18.58	23.14	27.86	0.40
0.100	20.09	25.02	30.13	0.50
0.150	26.18	32.49	39.26	0.60
0.170	29.20	34.72	43.80	0.60
0.200	31.30	37.43	46.94	0.60
0.250	33.74	40.69	50.62	0.70
0.300	35.34	42.88	53.00	0.70
0.350	36.42	44.41	54.62	0.70
0.400	37.17	45.50	55.75	0.80
0.500	38.12	46.92	57.18	0.80
0.600	38.66	47.75	58.00	0.80
0.700	39.01	48.27	58.51	0.80
0.800	39.23	48.68	58.85	0.80
0.900	39.39	48.93	59.09	0.80
1.000	39.50	49.11	59.26	0.80
1.200	39.66	49.37	59.48	0.80
1.500	39.78	49.59	59.66	0.80
2.000	39.87	49.79	59.81	0.80
2.500	39.92	49.90	59.88	0.80
3.000	39.94	49.97	59.92	0.80
4.000	39.97	50.08	59.95	0.80
5.000	39.98	50.16	59.98	0.80
7.000	39.99	50.33	59.99	0.80
10.00	39.99	50.76	59.99	0.90
15.00	40.00	50.42	60.00	1.00
20.00	40.00	50.74	60.00	1.10
30.00	40.00	52.11	60.00	1.30



EUT 2 N

Frequency /MHz	DLL /Ohm	Actual /Ohm	DUL /Ohm	MU /Ohm
0.009	4.18	5.17	6.26	0.20
0.015	4.98	5.78	7.46	0.20
0.020	5.80	6.85	8.70	0.20
0.025	6.70	8.07	10.06	0.20
0.030	7.65	9.33	11.47	0.20
0.040	9.59	11.88	14.39	0.30
0.050	11.53	14.38	17.29	0.30
0.060	13.42	16.78	20.12	0.30
0.070	15.23	19.06	22.85	0.40
0.080	16.95	21.22	25.43	0.40
0.090	18.58	23.23	27.86	0.40
0.100	20.09	25.11	30.13	0.50
0.150	26.18	32.59	39.26	0.60
0.170	29.20	34.82	43.80	0.60
0.200	31.30	37.53	46.94	0.60
0.250	33.74	40.78	50.62	0.70
0.300	35.34	42.97	53.00	0.70
0.350	36.42	44.49	54.62	0.70
0.400	37.17	45.58	55.75	0.80
0.500	38.12	46.98	57.18	0.80
0.600	38.66	47.81	58.00	0.80
0.700	39.01	48.34	58.51	0.80
0.800	39.23	48.69	58.85	0.80
0.900	39.39	48.98	59.09	0.80
1.000	39.50	49.16	59.26	0.80
1.200	39.66	49.41	59.48	0.80
1.500	39.78	49.63	59.66	0.80
2.000	39.87	49.80	59.81	0.80
2.500	39.92	49.93	59.88	0.80
3.000	39.94	50.00	59.92	0.80
4.000	39.97	50.10	59.95	0.80
5.000	39.98	50.18	59.98	0.80
7.000	39.99	50.34	59.99	0.80
10.00	39.99	50.74	59.99	0.90
15.00	40.00	50.36	60.00	1.00
20.00	40.00	50.31	60.00	1.10
30.00	40.00	50.56	60.00	1.30

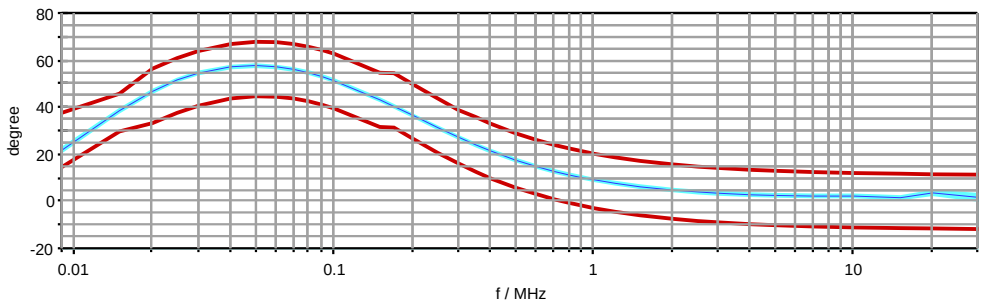


3. Phase CISPR 16-1-2 with SHORT

EUT 1 L1

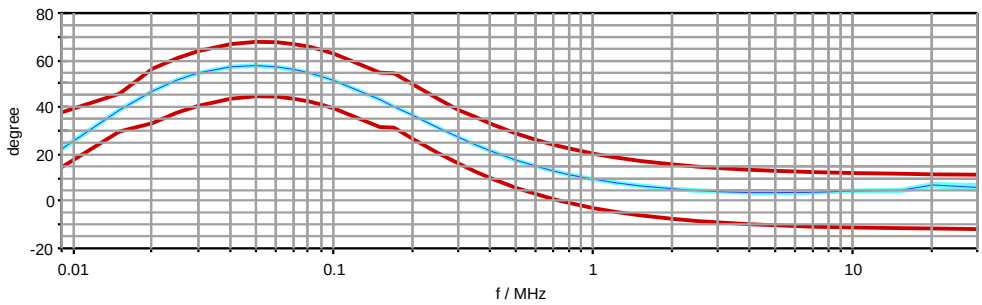
Supply input is shorted for all phase measurements.

Frequency /MHz	DLL /degree	Actual /degree	DUL /degree	MU /degree
0.009	15.05	22.18	38.05	1.40
0.015	29.91	38.86	45.91	1.20
0.020	33.47	46.94	56.47	1.10
0.025	37.89	51.74	60.89	1.00
0.030	40.83	54.61	63.83	1.00
0.040	43.93	57.24	66.93	1.00
0.050	44.90	57.75	67.90	1.00
0.060	44.73	57.21	67.73	1.00
0.070	43.90	56.11	66.90	1.00
0.080	42.69	54.71	65.69	1.00
0.090	41.27	53.14	64.27	1.00
0.100	39.72	51.50	62.72	1.00
0.150	31.85	43.45	54.85	1.00
0.170	31.61	40.59	54.61	1.00
0.200	27.01	36.77	50.01	1.00
0.250	20.98	31.53	43.98	1.00
0.300	16.45	27.46	39.15	1.00
0.350	12.95	24.25	35.95	1.00
0.400	10.20	21.67	33.20	1.00
0.500	6.16	17.83	29.16	1.00
0.600	3.36	15.14	26.36	1.00
0.700	1.31	13.16	24.31	1.00
0.800	-0.25	11.68	22.75	1.00
0.900	-1.47	10.45	21.53	1.00
1.000	-2.46	9.48	20.54	1.00
1.200	-3.94	8.03	19.06	1.00
1.500	-5.44	6.57	17.56	1.00
2.000	-6.95	5.16	16.05	1.00
2.500	-7.86	4.32	15.14	1.00
3.000	-8.46	3.80	14.54	1.00
4.000	-9.22	3.20	13.78	1.00
5.000	-9.68	2.89	13.32	1.00
7.000	-10.20	2.66	12.80	1.00
10.00	-10.59	2.64	12.41	1.00
15.00	-10.89	1.96	12.11	1.10
20.00	-11.04	3.95	11.96	1.30
30.00	-11.20	2.07	11.80	1.90



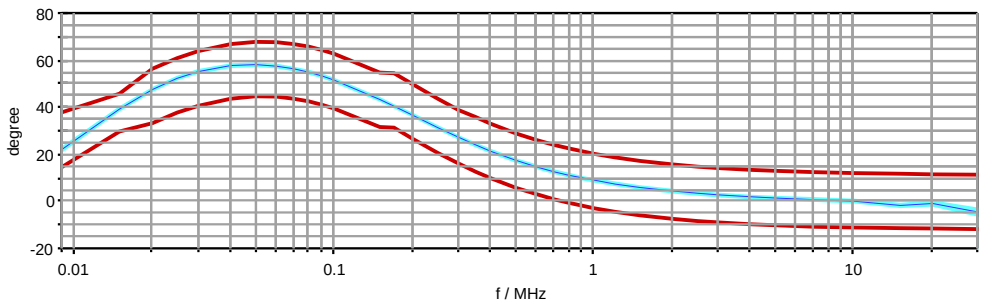
EUT 1 N

Frequency /MHz	DLL /degree	Actual /degree	DUL /degree	MU /degree
0.009	15.05	22.66	38.05	1.40
0.015	29.91	39.04	45.91	1.20
0.020	33.47	47.04	56.47	1.10
0.025	37.89	51.80	60.89	1.00
0.030	40.83	54.65	63.83	1.00
0.040	43.93	57.26	66.93	1.00
0.050	44.90	57.76	67.90	1.00
0.060	44.73	57.21	67.73	1.00
0.070	43.90	56.12	66.90	1.00
0.080	42.69	54.71	65.69	1.00
0.090	41.27	53.15	64.27	1.00
0.100	39.72	51.50	62.72	1.00
0.150	31.85	43.46	54.85	1.00
0.170	31.61	40.60	54.61	1.00
0.200	27.01	36.79	50.01	1.00
0.250	20.98	31.56	43.98	1.00
0.300	16.45	27.50	39.15	1.00
0.350	12.95	24.30	35.95	1.00
0.400	10.20	21.74	33.20	1.00
0.500	6.16	17.93	29.16	1.00
0.600	3.36	15.26	26.36	1.00
0.700	1.31	13.30	24.31	1.00
0.800	-0.25	11.82	22.75	1.00
0.900	-1.47	10.66	21.53	1.00
1.000	-2.46	9.71	20.54	1.00
1.200	-3.94	8.31	19.06	1.00
1.500	-5.44	6.93	17.56	1.00
2.000	-6.95	5.64	16.05	1.00
2.500	-7.86	4.92	15.14	1.00
3.000	-8.46	4.51	14.54	1.00
4.000	-9.22	4.15	13.78	1.00
5.000	-9.68	4.06	13.32	1.00
7.000	-10.20	4.26	12.80	1.00
10.00	-10.59	4.79	12.41	1.00
15.00	-10.89	4.98	12.11	1.10
20.00	-11.04	7.27	11.96	1.30
30.00	-11.20	6.26	11.80	1.90



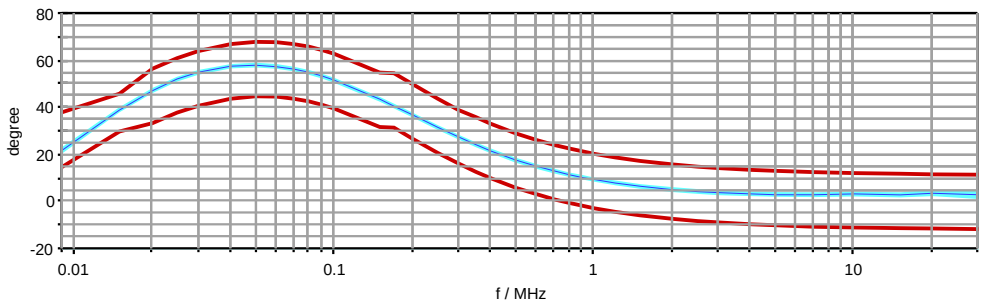
EUT 2 L1

Frequency /MHz	DLL /degree	Actual /degree	DUL /degree	MU /degree
0.009	15.05	22.40	38.05	1.40
0.015	29.91	39.55	45.91	1.20
0.020	33.47	47.70	56.47	1.10
0.025	37.89	52.47	60.89	1.00
0.030	40.83	55.28	63.83	1.00
0.040	43.93	57.78	66.93	1.00
0.050	44.90	58.19	67.90	1.00
0.060	44.73	57.58	67.73	1.00
0.070	43.90	56.43	66.90	1.00
0.080	42.69	54.99	65.69	1.00
0.090	41.27	53.38	64.27	1.00
0.100	39.72	51.71	62.72	1.00
0.150	31.85	43.58	54.85	1.00
0.170	31.61	40.70	54.61	1.00
0.200	27.01	36.84	50.01	1.00
0.250	20.98	31.58	43.98	1.00
0.300	16.45	27.47	39.15	1.00
0.350	12.95	24.24	35.95	1.00
0.400	10.20	21.64	33.20	1.00
0.500	6.16	17.76	29.16	1.00
0.600	3.36	15.04	26.36	1.00
0.700	1.31	13.03	24.31	1.00
0.800	-0.25	11.53	22.75	1.00
0.900	-1.47	10.26	21.53	1.00
1.000	-2.46	9.28	20.54	1.00
1.200	-3.94	7.77	19.06	1.00
1.500	-5.44	6.25	17.56	1.00
2.000	-6.95	4.71	16.05	1.00
2.500	-7.86	3.77	15.14	1.00
3.000	-8.46	3.13	14.54	1.00
4.000	-9.22	2.32	13.78	1.00
5.000	-9.68	1.79	13.32	1.00
7.000	-10.20	1.14	12.80	1.00
10.00	-10.59	0.51	12.41	1.00
15.00	-10.89	-1.25	12.11	1.10
20.00	-11.04	-0.49	11.96	1.30
30.00	-11.20	-4.17	11.80	1.90



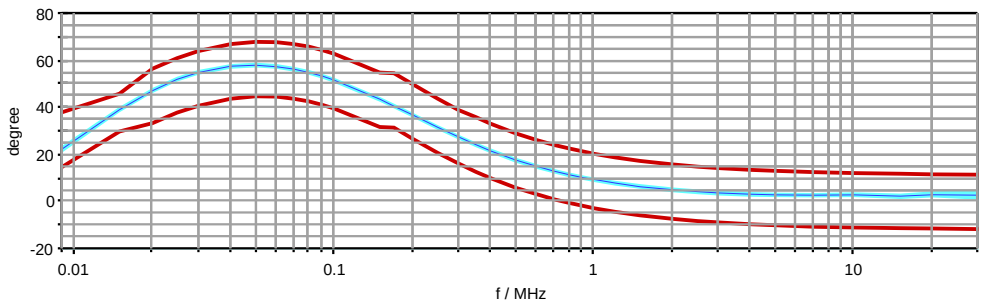
EUT 2 L2

Frequency /MHz	DLL /degree	Actual /degree	DUL /degree	MU /degree
0.009	15.05	21.98	38.05	1.40
0.015	29.91	39.15	45.91	1.20
0.020	33.47	47.29	56.47	1.10
0.025	37.89	52.09	60.89	1.00
0.030	40.83	54.93	63.83	1.00
0.040	43.93	57.52	66.93	1.00
0.050	44.90	57.99	67.90	1.00
0.060	44.73	57.44	67.73	1.00
0.070	43.90	56.32	66.90	1.00
0.080	42.69	54.91	65.69	1.00
0.090	41.27	53.34	64.27	1.00
0.100	39.72	51.68	62.72	1.00
0.150	31.85	43.61	54.85	1.00
0.170	31.61	40.74	54.61	1.00
0.200	27.01	36.90	50.01	1.00
0.250	20.98	31.66	43.98	1.00
0.300	16.45	27.58	39.15	1.00
0.350	12.95	24.37	35.95	1.00
0.400	10.20	21.79	33.20	1.00
0.500	6.16	17.94	29.16	1.00
0.600	3.36	15.25	26.36	1.00
0.700	1.31	13.32	24.31	1.00
0.800	-0.25	11.75	22.75	1.00
0.900	-1.47	10.56	21.53	1.00
1.000	-2.46	9.61	20.54	1.00
1.200	-3.94	8.16	19.06	1.00
1.500	-5.44	6.73	17.56	1.00
2.000	-6.95	5.35	16.05	1.00
2.500	-7.86	4.56	15.14	1.00
3.000	-8.46	4.07	14.54	1.00
4.000	-9.22	3.55	13.78	1.00
5.000	-9.68	3.34	13.32	1.00
7.000	-10.20	3.27	12.80	1.00
10.00	-10.59	3.53	12.41	1.00
15.00	-10.89	3.14	12.11	1.10
20.00	-11.04	3.85	11.96	1.30
30.00	-11.20	3.26	11.80	1.90



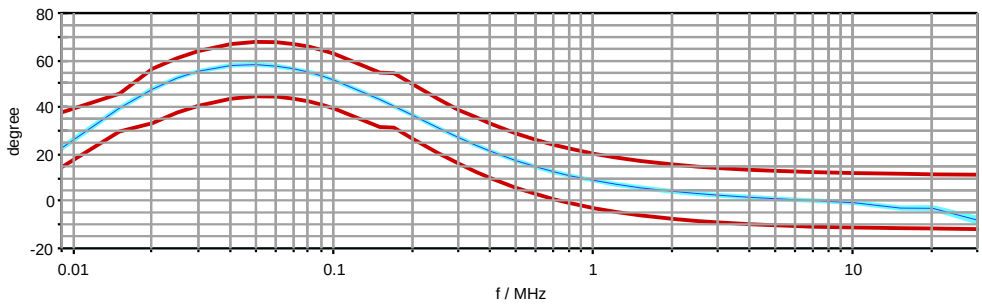
EUT 2 L3

Frequency /MHz	DLL /degree	Actual /degree	DUL /degree	MU /degree
0.009	15.05	22.48	38.05	1.40
0.015	29.91	39.23	45.91	1.20
0.020	33.47	47.30	56.47	1.10
0.025	37.89	52.06	60.89	1.00
0.030	40.83	54.89	63.83	1.00
0.040	43.93	57.49	66.93	1.00
0.050	44.90	57.96	67.90	1.00
0.060	44.73	57.41	67.73	1.00
0.070	43.90	56.30	66.90	1.00
0.080	42.69	54.90	65.69	1.00
0.090	41.27	53.33	64.27	1.00
0.100	39.72	51.67	62.72	1.00
0.150	31.85	43.61	54.85	1.00
0.170	31.61	40.74	54.61	1.00
0.200	27.01	36.91	50.01	1.00
0.250	20.98	31.66	43.98	1.00
0.300	16.45	27.58	39.15	1.00
0.350	12.95	24.36	35.95	1.00
0.400	10.20	21.77	33.20	1.00
0.500	6.16	17.92	29.16	1.00
0.600	3.36	15.22	26.36	1.00
0.700	1.31	13.24	24.31	1.00
0.800	-0.25	11.73	22.75	1.00
0.900	-1.47	10.52	21.53	1.00
1.000	-2.46	9.56	20.54	1.00
1.200	-3.94	8.11	19.06	1.00
1.500	-5.44	6.66	17.56	1.00
2.000	-6.95	5.26	16.05	1.00
2.500	-7.86	4.45	15.14	1.00
3.000	-8.46	3.94	14.54	1.00
4.000	-9.22	3.39	13.78	1.00
5.000	-9.68	3.14	13.32	1.00
7.000	-10.20	3.02	12.80	1.00
10.00	-10.59	3.17	12.41	1.00
15.00	-10.89	2.56	12.11	1.10
20.00	-11.04	3.33	11.96	1.30
30.00	-11.20	3.07	11.80	1.90



EUT 2 N

Frequency /MHz	DLL /degree	Actual /degree	DUL /degree	MU /degree
0.009	15.05	23.12	38.05	1.40
0.015	29.91	39.84	45.91	1.20
0.020	33.47	47.89	56.47	1.10
0.025	37.89	52.58	60.89	1.00
0.030	40.83	55.37	63.83	1.00
0.040	43.93	57.83	66.93	1.00
0.050	44.90	58.22	67.90	1.00
0.060	44.73	57.59	67.73	1.00
0.070	43.90	56.44	66.90	1.00
0.080	42.69	54.98	65.69	1.00
0.090	41.27	53.38	64.27	1.00
0.100	39.72	51.71	62.72	1.00
0.150	31.85	43.56	54.85	1.00
0.170	31.61	40.67	54.61	1.00
0.200	27.01	36.81	50.01	1.00
0.250	20.98	31.54	43.98	1.00
0.300	16.45	27.43	39.15	1.00
0.350	12.95	24.19	35.95	1.00
0.400	10.20	21.59	33.20	1.00
0.500	6.16	17.71	29.16	1.00
0.600	3.36	14.98	26.36	1.00
0.700	1.31	12.96	24.31	1.00
0.800	-0.25	11.42	22.75	1.00
0.900	-1.47	10.20	21.53	1.00
1.000	-2.46	9.20	20.54	1.00
1.200	-3.94	7.69	19.06	1.00
1.500	-5.44	6.15	17.56	1.00
2.000	-6.95	4.61	16.05	1.00
2.500	-7.86	3.63	15.14	1.00
3.000	-8.46	2.96	14.54	1.00
4.000	-9.22	2.09	13.78	1.00
5.000	-9.68	1.51	13.32	1.00
7.000	-10.20	0.74	12.80	1.00
10.00	-10.59	-0.14	12.41	1.00
15.00	-10.89	-2.37	12.11	1.10
20.00	-11.04	-2.45	11.96	1.30
30.00	-11.20	-7.60	11.80	1.90

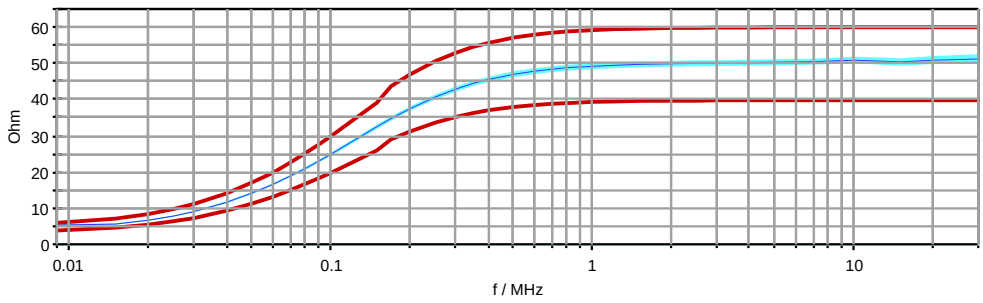


4. Impedance CISPR 16-1-2 with OPEN

EUT 1 L1

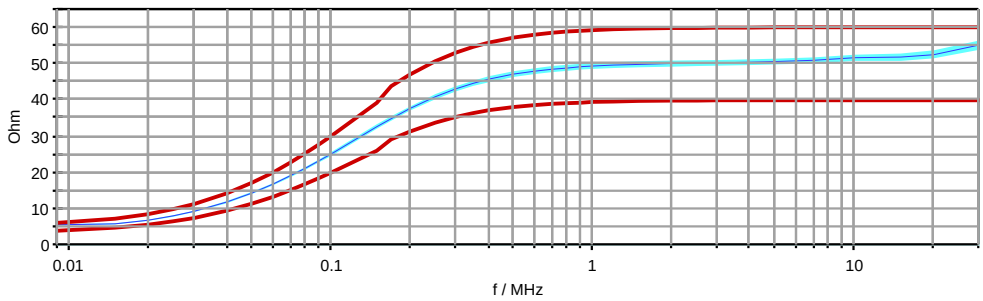
Supply input is opened for all impedance measurements.

Frequency /MHz	DLL /Ohm	Actual /Ohm	DUL /Ohm	MU /Ohm
0.009	4.18	5.73	6.26	0.20
0.015	4.98	5.98	7.46	0.20
0.020	5.80	6.97	8.70	0.20
0.025	6.70	8.15	10.06	0.20
0.030	7.65	9.39	11.47	0.20
0.040	9.59	11.93	14.39	0.30
0.050	11.53	14.43	17.29	0.30
0.060	13.42	16.83	20.12	0.30
0.070	15.23	19.11	22.85	0.40
0.080	16.95	21.26	25.43	0.40
0.090	18.58	23.28	27.86	0.40
0.100	20.09	25.16	30.13	0.50
0.150	26.18	32.66	39.26	0.60
0.170	29.20	34.89	43.80	0.60
0.200	31.30	37.61	46.94	0.60
0.250	33.74	40.87	50.62	0.70
0.300	35.34	43.07	53.00	0.70
0.350	36.42	44.59	54.62	0.70
0.400	37.17	45.68	55.75	0.80
0.500	38.12	47.10	57.18	0.80
0.600	38.66	47.93	58.00	0.80
0.700	39.01	48.46	58.51	0.80
0.800	39.23	48.87	58.85	0.80
0.900	39.39	49.11	59.09	0.80
1.000	39.50	49.30	59.26	0.80
1.200	39.66	49.55	59.48	0.80
1.500	39.78	49.78	59.66	0.80
2.000	39.87	49.97	59.81	0.80
2.500	39.92	50.08	59.88	0.80
3.000	39.94	50.15	59.92	0.80
4.000	39.97	50.26	59.95	0.80
5.000	39.98	50.35	59.98	0.80
7.000	39.99	50.52	59.99	0.80
10.00	39.99	50.94	59.99	0.90
15.00	40.00	50.47	60.00	1.00
20.00	40.00	50.94	60.00	1.10
30.00	40.00	51.23	60.00	1.30



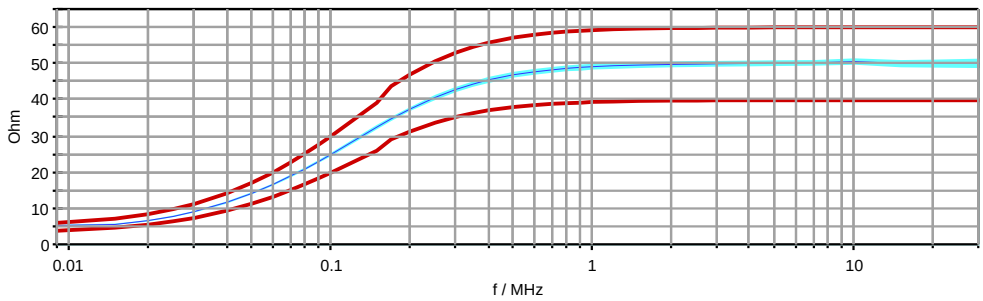
EUT 1 N

Frequency /MHz	DLL /Ohm	Actual /Ohm	DUL /Ohm	MU /Ohm
0.009	4.18	5.75	6.26	0.20
0.015	4.98	6.02	7.46	0.20
0.020	5.80	7.01	8.70	0.20
0.025	6.70	8.19	10.06	0.20
0.030	7.65	9.43	11.47	0.20
0.040	9.59	11.97	14.39	0.30
0.050	11.53	14.47	17.29	0.30
0.060	13.42	16.87	20.12	0.30
0.070	15.23	19.15	22.85	0.40
0.080	16.95	21.30	25.43	0.40
0.090	18.58	23.32	27.86	0.40
0.100	20.09	25.20	30.13	0.50
0.150	26.18	32.70	39.26	0.60
0.170	29.20	34.94	43.80	0.60
0.200	31.30	37.65	46.94	0.60
0.250	33.74	40.91	50.62	0.70
0.300	35.34	43.10	53.00	0.70
0.350	36.42	44.63	54.62	0.70
0.400	37.17	45.72	55.75	0.80
0.500	38.12	47.13	57.18	0.80
0.600	38.66	47.97	58.00	0.80
0.700	39.01	48.50	58.51	0.80
0.800	39.23	48.85	58.85	0.80
0.900	39.39	49.15	59.09	0.80
1.000	39.50	49.33	59.26	0.80
1.200	39.66	49.59	59.48	0.80
1.500	39.78	49.82	59.66	0.80
2.000	39.87	50.01	59.81	0.80
2.500	39.92	50.15	59.88	0.80
3.000	39.94	50.24	59.92	0.80
4.000	39.97	50.40	59.95	0.80
5.000	39.98	50.55	59.98	0.80
7.000	39.99	50.88	59.99	0.80
10.00	39.99	51.60	59.99	0.90
15.00	40.00	51.78	60.00	1.00
20.00	40.00	52.50	60.00	1.10
30.00	40.00	55.11	60.00	1.30



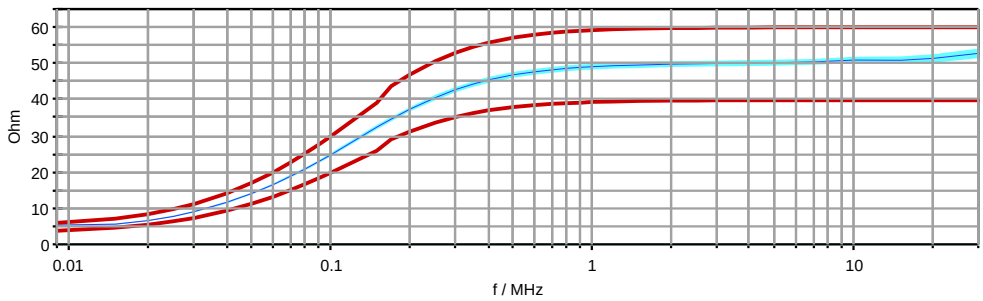
EUT 2 L1

Frequency /MHz	DLL /Ohm	Actual /Ohm	DUL /Ohm	MU /Ohm
0.009	4.18	5.59	6.26	0.20
0.015	4.98	5.88	7.46	0.20
0.020	5.80	6.88	8.70	0.20
0.025	6.70	8.07	10.06	0.20
0.030	7.65	9.32	11.47	0.20
0.040	9.59	11.86	14.39	0.30
0.050	11.53	14.36	17.29	0.30
0.060	13.42	16.75	20.12	0.30
0.070	15.23	19.03	22.85	0.40
0.080	16.95	21.18	25.43	0.40
0.090	18.58	23.19	27.86	0.40
0.100	20.09	25.07	30.13	0.50
0.150	26.18	32.55	39.26	0.60
0.170	29.20	34.78	43.80	0.60
0.200	31.30	37.48	46.94	0.60
0.250	33.74	40.74	50.62	0.70
0.300	35.34	42.93	53.00	0.70
0.350	36.42	44.45	54.62	0.70
0.400	37.17	45.54	55.75	0.80
0.500	38.12	46.95	57.18	0.80
0.600	38.66	47.78	58.00	0.80
0.700	39.01	48.31	58.51	0.80
0.800	39.23	48.71	58.85	0.80
0.900	39.39	48.95	59.09	0.80
1.000	39.50	49.14	59.26	0.80
1.200	39.66	49.39	59.48	0.80
1.500	39.78	49.61	59.66	0.80
2.000	39.87	49.79	59.81	0.80
2.500	39.92	49.90	59.88	0.80
3.000	39.94	49.96	59.92	0.80
4.000	39.97	50.06	59.95	0.80
5.000	39.98	50.12	59.98	0.80
7.000	39.99	50.24	59.99	0.80
10.00	39.99	50.56	59.99	0.90
15.00	40.00	50.01	60.00	1.00
20.00	40.00	50.00	60.00	1.10
30.00	40.00	50.07	60.00	1.30



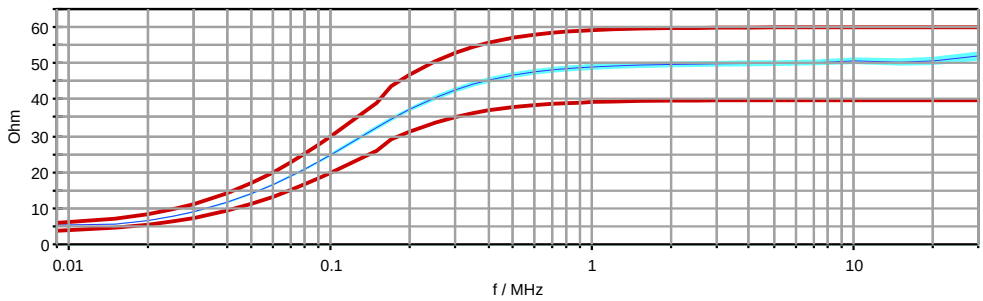
EUT 2 L2

Frequency /MHz	DLL /Ohm	Actual /Ohm	DUL /Ohm	MU /Ohm
0.009	4.18	5.65	6.26	0.20
0.015	4.98	5.91	7.46	0.20
0.020	5.80	6.91	8.70	0.20
0.025	6.70	8.09	10.06	0.20
0.030	7.65	9.34	11.47	0.20
0.040	9.59	11.87	14.39	0.30
0.050	11.53	14.35	17.29	0.30
0.060	13.42	16.74	20.12	0.30
0.070	15.23	19.02	22.85	0.40
0.080	16.95	21.16	25.43	0.40
0.090	18.58	23.17	27.86	0.40
0.100	20.09	25.05	30.13	0.50
0.150	26.18	32.52	39.26	0.60
0.170	29.20	34.76	43.80	0.60
0.200	31.30	37.47	46.94	0.60
0.250	33.74	40.72	50.62	0.70
0.300	35.34	42.92	53.00	0.70
0.350	36.42	44.44	54.62	0.70
0.400	37.17	45.54	55.75	0.80
0.500	38.12	46.95	57.18	0.80
0.600	38.66	47.78	58.00	0.80
0.700	39.01	48.30	58.51	0.80
0.800	39.23	48.72	58.85	0.80
0.900	39.39	48.97	59.09	0.80
1.000	39.50	49.16	59.26	0.80
1.200	39.66	49.42	59.48	0.80
1.500	39.78	49.64	59.66	0.80
2.000	39.87	49.85	59.81	0.80
2.500	39.92	49.96	59.88	0.80
3.000	39.94	50.03	59.92	0.80
4.000	39.97	50.17	59.95	0.80
5.000	39.98	50.26	59.98	0.80
7.000	39.99	50.48	59.99	0.80
10.00	39.99	51.00	59.99	0.90
15.00	40.00	50.94	60.00	1.00
20.00	40.00	51.44	60.00	1.10
30.00	40.00	52.85	60.00	1.30



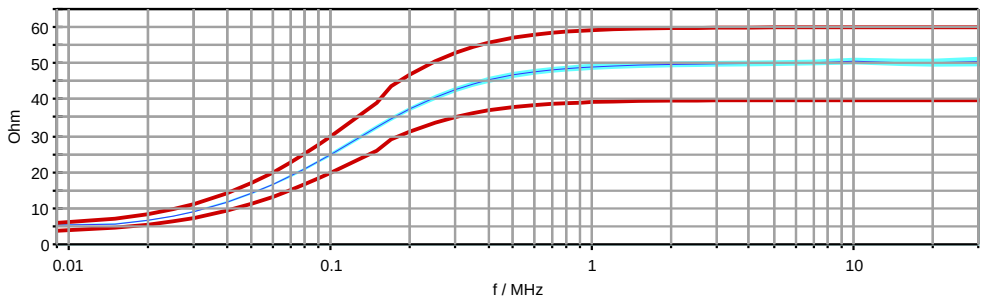
EUT 2 L3

Frequency /MHz	DLL /Ohm	Actual /Ohm	DUL /Ohm	MU /Ohm
0.009	4.18	5.69	6.26	0.20
0.015	4.98	5.93	7.46	0.20
0.020	5.80	6.92	8.70	0.20
0.025	6.70	8.10	10.06	0.20
0.030	7.65	9.34	11.47	0.20
0.040	9.59	11.86	14.39	0.30
0.050	11.53	14.33	17.29	0.30
0.060	13.42	16.72	20.12	0.30
0.070	15.23	18.99	22.85	0.40
0.080	16.95	21.13	25.43	0.40
0.090	18.58	23.14	27.86	0.40
0.100	20.09	25.02	30.13	0.50
0.150	26.18	32.49	39.26	0.60
0.170	29.20	34.71	43.80	0.60
0.200	31.30	37.43	46.94	0.60
0.250	33.74	40.69	50.62	0.70
0.300	35.34	42.88	53.00	0.70
0.350	36.42	44.41	54.62	0.70
0.400	37.17	45.50	55.75	0.80
0.500	38.12	46.92	57.18	0.80
0.600	38.66	47.75	58.00	0.80
0.700	39.01	48.27	58.51	0.80
0.800	39.23	48.68	58.85	0.80
0.900	39.39	48.93	59.09	0.80
1.000	39.50	49.11	59.26	0.80
1.200	39.66	49.37	59.48	0.80
1.500	39.78	49.59	59.66	0.80
2.000	39.87	49.79	59.81	0.80
2.500	39.92	49.89	59.88	0.80
3.000	39.94	49.97	59.92	0.80
4.000	39.97	50.08	59.95	0.80
5.000	39.98	50.15	59.98	0.80
7.000	39.99	50.33	59.99	0.80
10.00	39.99	50.76	59.99	0.90
15.00	40.00	50.42	60.00	1.00
20.00	40.00	50.74	60.00	1.10
30.00	40.00	52.10	60.00	1.30



EUT 2 N

Frequency /MHz	DLL /Ohm	Actual /Ohm	DUL /Ohm	MU /Ohm
0.009	4.18	5.72	6.26	0.20
0.015	4.98	5.98	7.46	0.20
0.020	5.80	6.96	8.70	0.20
0.025	6.70	8.14	10.06	0.20
0.030	7.65	9.39	11.47	0.20
0.040	9.59	11.92	14.39	0.30
0.050	11.53	14.40	17.29	0.30
0.060	13.42	16.80	20.12	0.30
0.070	15.23	19.07	22.85	0.40
0.080	16.95	21.22	25.43	0.40
0.090	18.58	23.23	27.86	0.40
0.100	20.09	25.11	30.13	0.50
0.150	26.18	32.57	39.26	0.60
0.170	29.20	34.80	43.80	0.60
0.200	31.30	37.51	46.94	0.60
0.250	33.74	40.75	50.62	0.70
0.300	35.34	42.94	53.00	0.70
0.350	36.42	44.45	54.62	0.70
0.400	37.17	45.54	55.75	0.80
0.500	38.12	46.94	57.18	0.80
0.600	38.66	47.77	58.00	0.80
0.700	39.01	48.30	58.51	0.80
0.800	39.23	48.64	58.85	0.80
0.900	39.39	48.94	59.09	0.80
1.000	39.50	49.11	59.26	0.80
1.200	39.66	49.37	59.48	0.80
1.500	39.78	49.59	59.66	0.80
2.000	39.87	49.76	59.81	0.80
2.500	39.92	49.88	59.88	0.80
3.000	39.94	49.95	59.92	0.80
4.000	39.97	50.05	59.95	0.80
5.000	39.98	50.13	59.98	0.80
7.000	39.99	50.29	59.99	0.80
10.00	39.99	50.69	59.99	0.90
15.00	40.00	50.32	60.00	1.00
20.00	40.00	50.28	60.00	1.10
30.00	40.00	50.59	60.00	1.30

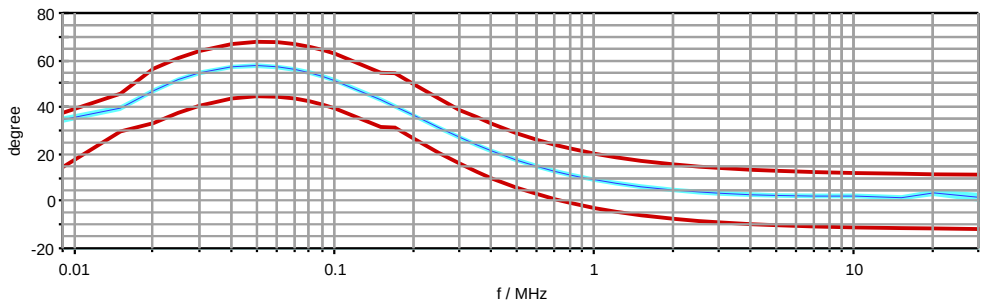


5. Phase CISPR 16-1-2 with OPEN

EUT 1 L1

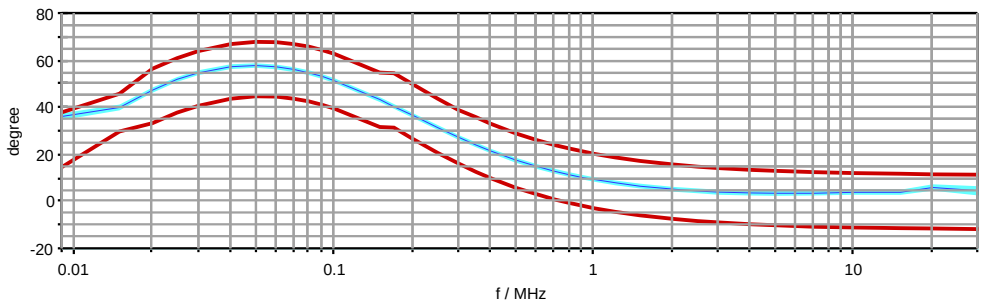
Supply input is opened for all phase measurements.

Frequency /MHz	DLL /degree	Actual /degree	DUL /degree	MU /degree
0.009	15.05	34.91	38.05	1.40
0.015	29.91	39.91	45.91	1.20
0.020	33.47	47.19	56.47	1.10
0.025	37.89	51.83	60.89	1.00
0.030	40.83	54.66	63.83	1.00
0.040	43.93	57.26	66.93	1.00
0.050	44.90	57.76	67.90	1.00
0.060	44.73	57.22	67.73	1.00
0.070	43.90	56.12	66.90	1.00
0.080	42.69	54.71	65.69	1.00
0.090	41.27	53.15	64.27	1.00
0.100	39.72	51.50	62.72	1.00
0.150	31.85	43.46	54.85	1.00
0.170	31.61	40.60	54.61	1.00
0.200	27.01	36.78	50.01	1.00
0.250	20.98	31.54	43.98	1.00
0.300	16.45	27.46	39.15	1.00
0.350	12.95	24.25	35.95	1.00
0.400	10.20	21.67	33.20	1.00
0.500	6.16	17.83	29.16	1.00
0.600	3.36	15.14	26.36	1.00
0.700	1.31	13.16	24.31	1.00
0.800	-0.25	11.68	22.75	1.00
0.900	-1.47	10.45	21.53	1.00
1.000	-2.46	9.48	20.54	1.00
1.200	-3.94	8.03	19.06	1.00
1.500	-5.44	6.57	17.56	1.00
2.000	-6.95	5.16	16.05	1.00
2.500	-7.86	4.32	15.14	1.00
3.000	-8.46	3.80	14.54	1.00
4.000	-9.22	3.21	13.78	1.00
5.000	-9.68	2.89	13.32	1.00
7.000	-10.20	2.66	12.80	1.00
10.00	-10.59	2.64	12.41	1.00
15.00	-10.89	1.96	12.11	1.10
20.00	-11.04	3.94	11.96	1.30
30.00	-11.20	2.06	11.80	1.90



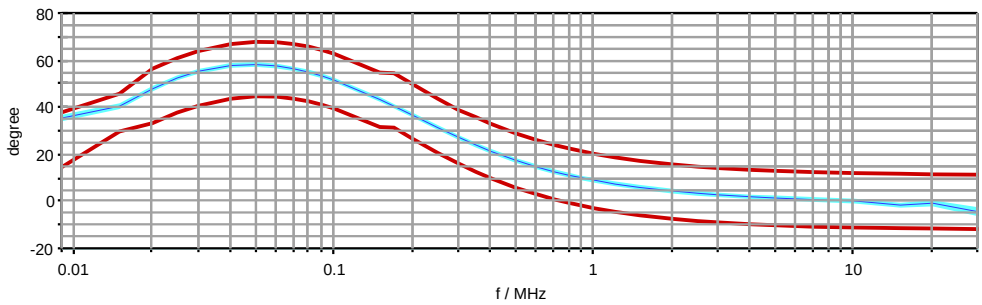
EUT 1 N

Frequency /MHz	DLL /degree	Actual /degree	DUL /degree	MU /degree
0.009	15.05	36.20	38.05	1.40
0.015	29.91	40.17	45.91	1.20
0.020	33.47	47.39	56.47	1.10
0.025	37.89	51.98	60.89	1.00
0.030	40.83	54.76	63.83	1.00
0.040	43.93	57.32	66.93	1.00
0.050	44.90	57.80	67.90	1.00
0.060	44.73	57.24	67.73	1.00
0.070	43.90	56.15	66.90	1.00
0.080	42.69	54.73	65.69	1.00
0.090	41.27	53.16	64.27	1.00
0.100	39.72	51.52	62.72	1.00
0.150	31.85	43.47	54.85	1.00
0.170	31.61	40.61	54.61	1.00
0.200	27.01	36.79	50.01	1.00
0.250	20.98	31.56	43.98	1.00
0.300	16.45	27.49	39.15	1.00
0.350	12.95	24.29	35.95	1.00
0.400	10.20	21.73	33.20	1.00
0.500	6.16	17.91	29.16	1.00
0.600	3.36	15.23	26.36	1.00
0.700	1.31	13.27	24.31	1.00
0.800	-0.25	11.77	22.75	1.00
0.900	-1.47	10.61	21.53	1.00
1.000	-2.46	9.66	20.54	1.00
1.200	-3.94	8.24	19.06	1.00
1.500	-5.44	6.85	17.56	1.00
2.000	-6.95	5.54	16.05	1.00
2.500	-7.86	4.78	15.14	1.00
3.000	-8.46	4.35	14.54	1.00
4.000	-9.22	3.93	13.78	1.00
5.000	-9.68	3.79	13.32	1.00
7.000	-10.20	3.88	12.80	1.00
10.00	-10.59	4.26	12.41	1.00
15.00	-10.89	4.20	12.11	1.10
20.00	-11.04	6.26	11.96	1.30
30.00	-11.20	4.83	11.80	1.90



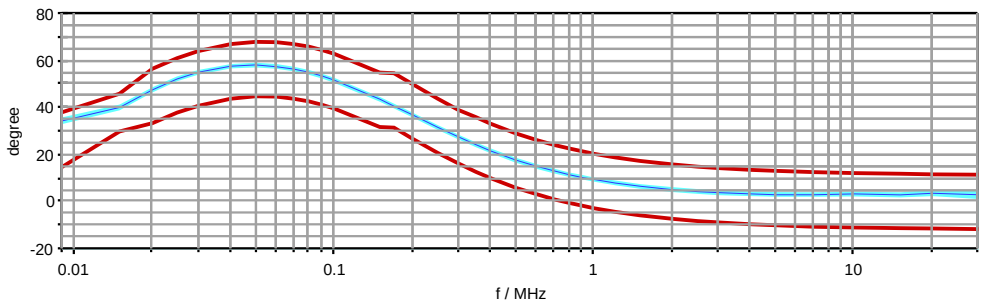
EUT 2 L1

Frequency /MHz	DLL /degree	Actual /degree	DUL /degree	MU /degree
0.009	15.05	35.61	38.05	1.40
0.015	29.91	40.71	45.91	1.20
0.020	33.47	48.03	56.47	1.10
0.025	37.89	52.60	60.89	1.00
0.030	40.83	55.34	63.83	1.00
0.040	43.93	57.81	66.93	1.00
0.050	44.90	58.21	67.90	1.00
0.060	44.73	57.59	67.73	1.00
0.070	43.90	56.44	66.90	1.00
0.080	42.69	55.00	65.69	1.00
0.090	41.27	53.40	64.27	1.00
0.100	39.72	51.73	62.72	1.00
0.150	31.85	43.59	54.85	1.00
0.170	31.61	40.71	54.61	1.00
0.200	27.01	36.85	50.01	1.00
0.250	20.98	31.59	43.98	1.00
0.300	16.45	27.48	39.15	1.00
0.350	12.95	24.24	35.95	1.00
0.400	10.20	21.64	33.20	1.00
0.500	6.16	17.77	29.16	1.00
0.600	3.36	15.04	26.36	1.00
0.700	1.31	13.03	24.31	1.00
0.800	-0.25	11.53	22.75	1.00
0.900	-1.47	10.27	21.53	1.00
1.000	-2.46	9.28	20.54	1.00
1.200	-3.94	7.78	19.06	1.00
1.500	-5.44	6.26	17.56	1.00
2.000	-6.95	4.73	16.05	1.00
2.500	-7.86	3.78	15.14	1.00
3.000	-8.46	3.14	14.54	1.00
4.000	-9.22	2.34	13.78	1.00
5.000	-9.68	1.82	13.32	1.00
7.000	-10.20	1.18	12.80	1.00
10.00	-10.59	0.56	12.41	1.00
15.00	-10.89	-1.17	12.11	1.10
20.00	-11.04	-0.39	11.96	1.30
30.00	-11.20	-4.03	11.80	1.90



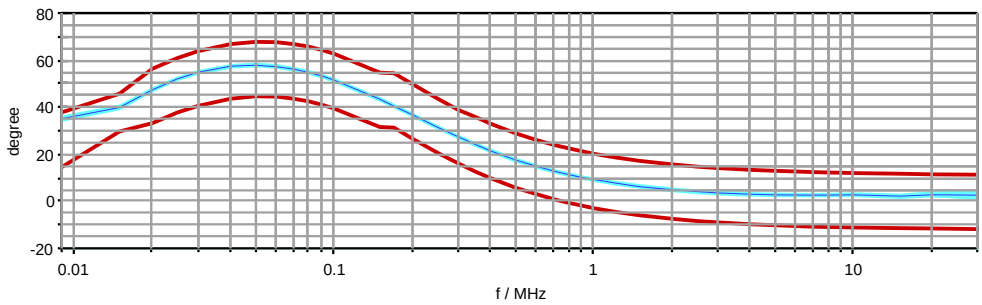
EUT 2 L2

Frequency /MHz	DLL /degree	Actual /degree	DUL /degree	MU /degree
0.009	15.05	34.39	38.05	1.40
0.015	29.91	40.12	45.91	1.20
0.020	33.47	47.54	56.47	1.10
0.025	37.89	52.16	60.89	1.00
0.030	40.83	54.96	63.83	1.00
0.040	43.93	57.53	66.93	1.00
0.050	44.90	58.00	67.90	1.00
0.060	44.73	57.44	67.73	1.00
0.070	43.90	56.32	66.90	1.00
0.080	42.69	54.91	65.69	1.00
0.090	41.27	53.34	64.27	1.00
0.100	39.72	51.68	62.72	1.00
0.150	31.85	43.61	54.85	1.00
0.170	31.61	40.74	54.61	1.00
0.200	27.01	36.91	50.01	1.00
0.250	20.98	31.66	43.98	1.00
0.300	16.45	27.59	39.15	1.00
0.350	12.95	24.36	35.95	1.00
0.400	10.20	21.79	33.20	1.00
0.500	6.16	17.94	29.16	1.00
0.600	3.36	15.25	26.36	1.00
0.700	1.31	13.32	24.31	1.00
0.800	-0.25	11.76	22.75	1.00
0.900	-1.47	10.56	21.53	1.00
1.000	-2.46	9.60	20.54	1.00
1.200	-3.94	8.16	19.06	1.00
1.500	-5.44	6.73	17.56	1.00
2.000	-6.95	5.35	16.05	1.00
2.500	-7.86	4.56	15.14	1.00
3.000	-8.46	4.07	14.54	1.00
4.000	-9.22	3.56	13.78	1.00
5.000	-9.68	3.34	13.32	1.00
7.000	-10.20	3.28	12.80	1.00
10.00	-10.59	3.53	12.41	1.00
15.00	-10.89	3.15	12.11	1.10
20.00	-11.04	3.86	11.96	1.30
30.00	-11.20	3.27	11.80	1.90



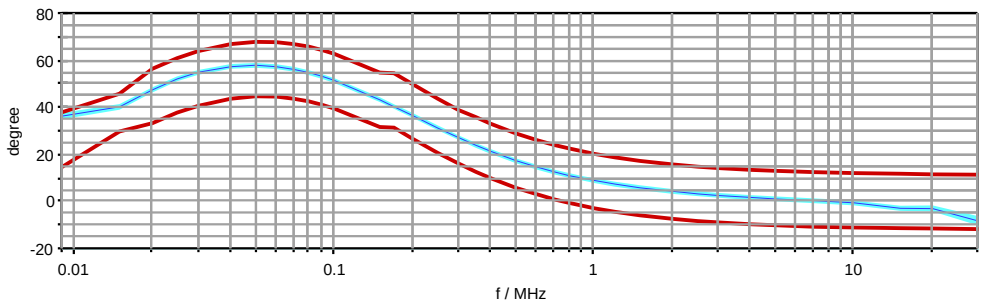
EUT 2 L3

Frequency /MHz	DLL /degree	Actual /degree	DUL /degree	MU /degree
0.009	15.05	35.32	38.05	1.40
0.015	29.91	40.20	45.91	1.20
0.020	33.47	47.52	56.47	1.10
0.025	37.89	52.14	60.89	1.00
0.030	40.83	54.92	63.83	1.00
0.040	43.93	57.49	66.93	1.00
0.050	44.90	57.96	67.90	1.00
0.060	44.73	57.41	67.73	1.00
0.070	43.90	56.30	66.90	1.00
0.080	42.69	54.89	65.69	1.00
0.090	41.27	53.32	64.27	1.00
0.100	39.72	51.67	62.72	1.00
0.150	31.85	43.61	54.85	1.00
0.170	31.61	40.74	54.61	1.00
0.200	27.01	36.91	50.01	1.00
0.250	20.98	31.66	43.98	1.00
0.300	16.45	27.58	39.15	1.00
0.350	12.95	24.36	35.95	1.00
0.400	10.20	21.77	33.20	1.00
0.500	6.16	17.92	29.16	1.00
0.600	3.36	15.22	26.36	1.00
0.700	1.31	13.24	24.31	1.00
0.800	-0.25	11.72	22.75	1.00
0.900	-1.47	10.52	21.53	1.00
1.000	-2.46	9.56	20.54	1.00
1.200	-3.94	8.11	19.06	1.00
1.500	-5.44	6.66	17.56	1.00
2.000	-6.95	5.26	16.05	1.00
2.500	-7.86	4.45	15.14	1.00
3.000	-8.46	3.94	14.54	1.00
4.000	-9.22	3.39	13.78	1.00
5.000	-9.68	3.14	13.32	1.00
7.000	-10.20	3.01	12.80	1.00
10.00	-10.59	3.17	12.41	1.00
15.00	-10.89	2.56	12.11	1.10
20.00	-11.04	3.32	11.96	1.30
30.00	-11.20	3.07	11.80	1.90



EUT 2 N

Frequency /MHz	DLL /degree	Actual /degree	DUL /degree	MU /degree
0.009	15.05	36.39	38.05	1.40
0.015	29.91	40.39	45.91	1.20
0.020	33.47	47.61	56.47	1.10
0.025	37.89	52.16	60.89	1.00
0.030	40.83	54.93	63.83	1.00
0.040	43.93	57.45	66.93	1.00
0.050	44.90	57.90	67.90	1.00
0.060	44.73	57.32	67.73	1.00
0.070	43.90	56.20	66.90	1.00
0.080	42.69	54.78	65.69	1.00
0.090	41.27	53.19	64.27	1.00
0.100	39.72	51.53	62.72	1.00
0.150	31.85	43.44	54.85	1.00
0.170	31.61	40.56	54.61	1.00
0.200	27.01	36.72	50.01	1.00
0.250	20.98	31.46	43.98	1.00
0.300	16.45	27.37	39.15	1.00
0.350	12.95	24.14	35.95	1.00
0.400	10.20	21.54	33.20	1.00
0.500	6.16	17.67	29.16	1.00
0.600	3.36	14.94	26.36	1.00
0.700	1.31	12.93	24.31	1.00
0.800	-0.25	11.39	22.75	1.00
0.900	-1.47	10.17	21.53	1.00
1.000	-2.46	9.17	20.54	1.00
1.200	-3.94	7.66	19.06	1.00
1.500	-5.44	6.12	17.56	1.00
2.000	-6.95	4.58	16.05	1.00
2.500	-7.86	3.60	15.14	1.00
3.000	-8.46	2.92	14.54	1.00
4.000	-9.22	2.05	13.78	1.00
5.000	-9.68	1.46	13.32	1.00
7.000	-10.20	0.67	12.80	1.00
10.00	-10.59	-0.23	12.41	1.00
15.00	-10.89	-2.49	12.11	1.10
20.00	-11.04	-2.60	11.96	1.30
30.00	-11.20	-7.82	11.80	1.90

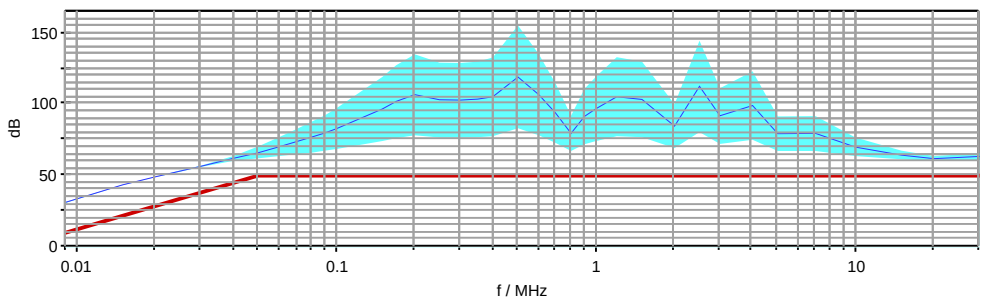


6. Isolation CISPR 16-1-2

EUT1 L1

Isolation levels (dB) according to CISPR 16-1-2 including buil 10 dB-attenuation pad.

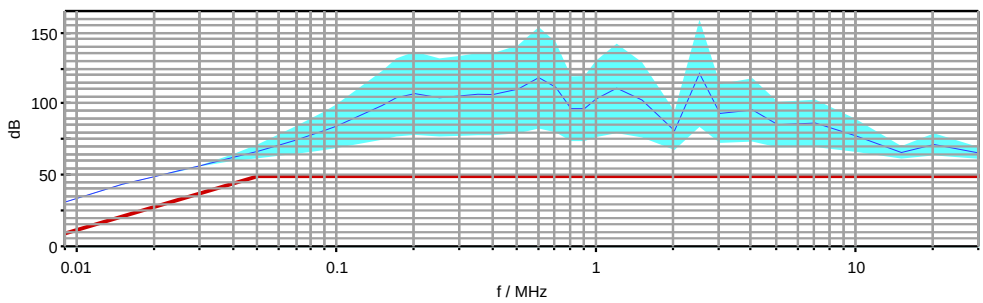
Frequency /MHz	DLL /dB	Actual /dB	MU /dB
0.009	10.0	31.2	0.3
0.015	15.0	43.5	0.3
0.020	20.0	49.1	0.3
0.025	25.0	53.1	0.5
0.030	30.0	56.4	0.5
0.040	40.0	61.9	1.7
0.050	50.0	66.2	4.2
0.060	50.0	70.2	6.6
0.070	50.0	73.6	8.7
0.080	50.0	76.8	10.6
0.090	50.0	79.7	12.3
0.100	50.0	82.7	14.1
0.150	50.0	96.4	22.3
0.170	50.0	101.6	25.4
0.200	50.0	106.3	28.2
0.250	50.0	102.8	26.1
0.300	50.0	102.6	26.0
0.350	50.0	103.2	26.3
0.400	50.0	105.0	27.4
0.500	50.0	118.9	35.7
0.600	50.0	106.4	28.3
0.700	50.0	93.5	20.6
0.800	50.0	79.5	12.2
0.900	50.0	91.3	19.2
1.000	50.0	96.6	22.4
1.200	50.0	105.0	27.5
1.500	50.0	103.1	26.3
2.000	50.0	84.5	15.2
2.500	50.0	112.3	31.8
3.000	50.0	91.7	19.5
4.000	50.0	98.9	23.8
5.000	50.0	79.2	12.0
7.000	50.0	79.4	12.1
10.000	50.0	70.0	6.5
15.000	50.0	64.3	3.1
20.000	50.0	61.8	1.6
30.000	50.0	63.3	2.5



EUT1 N

Isolation levels (dB) according to CISPR 16-1-2 including buil 10 dB-attenuation pad.

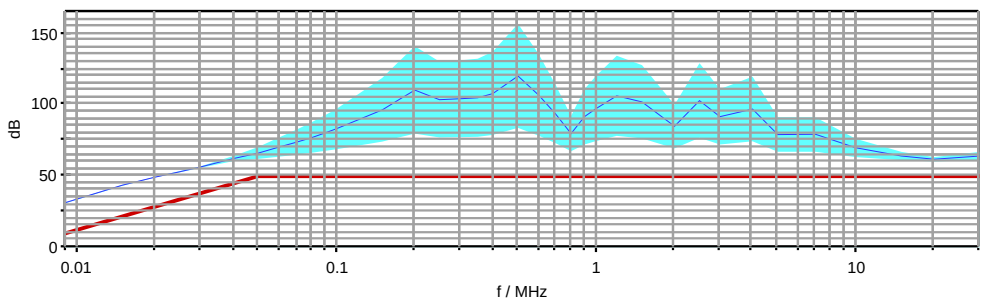
Frequency /MHz	DLL /dB	Actual /dB	MU /dB
0.009	10.0	31.7	0.3
0.015	15.0	44.1	0.3
0.020	20.0	49.6	0.3
0.025	25.0	53.9	0.5
0.030	30.0	57.3	0.5
0.040	40.0	63.1	2.3
0.050	50.0	67.3	4.9
0.060	50.0	71.6	7.4
0.070	50.0	75.2	9.6
0.080	50.0	78.6	11.6
0.090	50.0	81.7	13.5
0.100	50.0	84.7	15.3
0.150	50.0	99.3	24.0
0.170	50.0	104.6	27.2
0.200	50.0	107.6	29.0
0.250	50.0	104.6	27.2
0.300	50.0	105.8	27.9
0.350	50.0	107.0	28.6
0.400	50.0	106.9	28.6
0.500	50.0	110.5	30.8
0.600	50.0	118.5	35.5
0.700	50.0	111.9	31.6
0.800	50.0	96.9	22.6
0.900	50.0	97.0	22.7
1.000	50.0	103.7	26.7
1.200	50.0	111.2	31.1
1.500	50.0	103.0	26.2
2.000	50.0	81.6	13.4
2.500	50.0	121.5	37.4
3.000	50.0	93.6	20.6
4.000	50.0	96.1	22.1
5.000	50.0	85.8	15.9
7.000	50.0	86.8	16.5
10.000	50.0	78.2	11.4
15.000	50.0	66.5	4.4
20.000	50.0	72.0	7.7
30.000	50.0	65.9	4.0



EUT2 L1

Isolation levels (dB) according to CISPR 16-1-2 including buil 10 dB-attenuation pad.

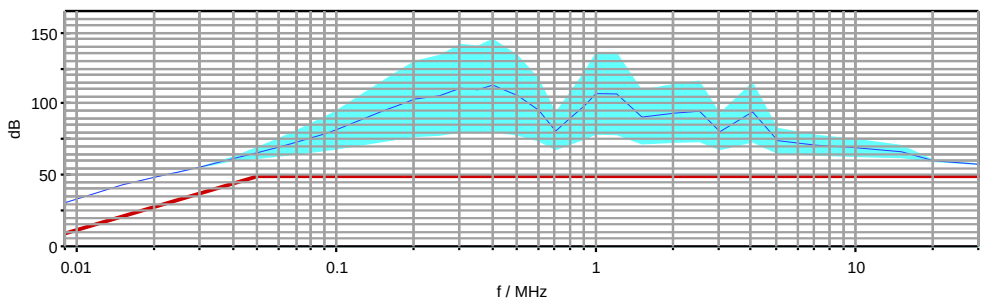
Frequency /MHz	DLL /dB	Actual /dB	MU /dB
0.009	10.0	31.3	0.3
0.015	15.0	43.5	0.3
0.020	20.0	49.1	0.3
0.025	25.0	53.1	0.5
0.030	30.0	56.4	0.5
0.040	40.0	62.1	1.8
0.050	50.0	66.0	4.1
0.060	50.0	70.2	6.6
0.070	50.0	73.6	8.6
0.080	50.0	76.7	10.5
0.090	50.0	79.9	12.4
0.100	50.0	82.7	14.1
0.150	50.0	96.2	22.2
0.170	50.0	102.2	25.8
0.200	50.0	109.9	30.4
0.250	50.0	103.3	26.4
0.300	50.0	103.9	26.8
0.350	50.0	104.5	27.2
0.400	50.0	107.5	29.0
0.500	50.0	119.8	36.3
0.600	50.0	106.4	28.3
0.700	50.0	93.1	20.3
0.800	50.0	79.5	12.2
0.900	50.0	91.3	19.2
1.000	50.0	97.0	22.6
1.200	50.0	106.0	28.0
1.500	50.0	101.7	25.5
2.000	50.0	84.5	15.2
2.500	50.0	102.6	26.0
3.000	50.0	91.3	19.2
4.000	50.0	96.8	22.5
5.000	50.0	78.9	11.8
7.000	50.0	79.0	11.9
10.000	50.0	69.7	6.3
15.000	50.0	64.0	2.9
20.000	50.0	61.7	1.5
30.000	50.0	63.9	2.9



EUT2 L2

Isolation levels (dB) according to CISPR 16-1-2 including buil 10 dB-attenuation pad.

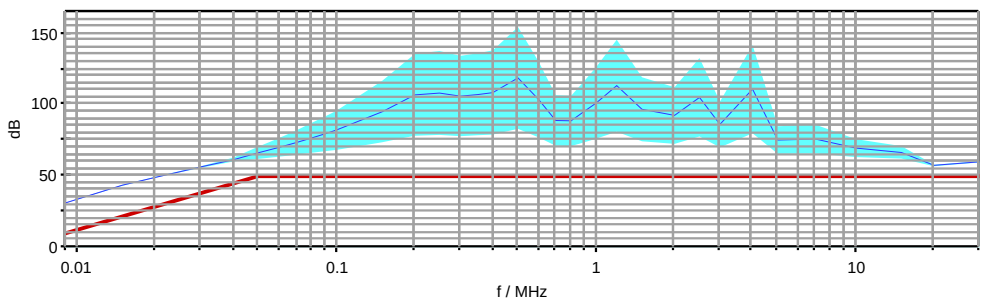
Frequency /MHz	DLL /dB	Actual /dB	MU /dB
0.009	10.0	31.4	0.3
0.015	15.0	43.7	0.3
0.020	20.0	49.1	0.3
0.025	25.0	53.1	0.5
0.030	30.0	56.4	0.5
0.040	40.0	62.1	1.7
0.050	50.0	66.3	4.3
0.060	50.0	70.1	6.6
0.070	50.0	73.5	8.6
0.080	50.0	76.5	10.4
0.090	50.0	79.4	12.1
0.100	50.0	82.1	13.7
0.150	50.0	95.0	21.4
0.170	50.0	98.8	23.7
0.200	50.0	103.7	26.7
0.250	50.0	106.2	28.2
0.300	50.0	111.3	31.2
0.350	50.0	110.2	30.5
0.400	50.0	113.5	32.5
0.500	50.0	106.1	28.1
0.600	50.0	96.0	22.1
0.700	50.0	81.3	13.3
0.800	50.0	90.8	19.0
0.900	50.0	99.1	23.9
1.000	50.0	107.5	28.9
1.200	50.0	107.3	28.8
1.500	50.0	91.1	19.1
2.000	50.0	93.7	20.7
2.500	50.0	95.0	21.5
3.000	50.0	80.9	13.0
4.000	50.0	94.5	21.2
5.000	50.0	74.5	9.2
7.000	50.0	71.5	7.4
10.000	50.0	69.7	6.3
15.000	50.0	67.0	4.7
20.000	50.0	60.7	0.9
30.000	50.0	58.3	0.5



EUT2 L3

Isolation levels (dB) according to CISPR 16-1-2 including buil 10 dB-attenuation pad.

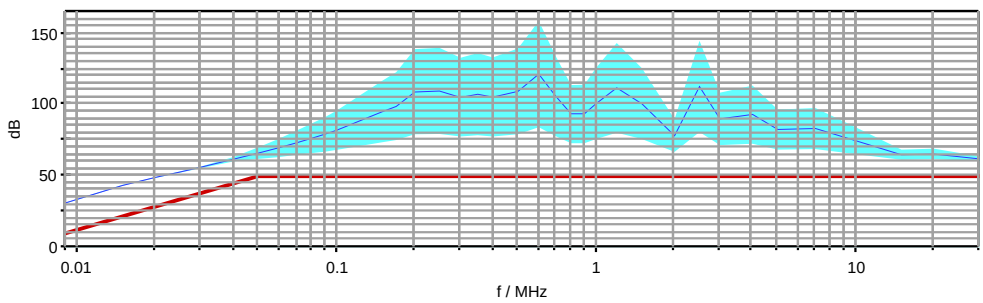
Frequency /MHz	DLL /dB	Actual /dB	MU /dB
0.009	10.0	31.1	0.3
0.015	15.0	43.5	0.3
0.020	20.0	49.0	0.3
0.025	25.0	53.0	0.5
0.030	30.0	56.3	0.5
0.040	40.0	61.4	1.4
0.050	50.0	66.2	4.2
0.060	50.0	69.9	6.4
0.070	50.0	73.3	8.5
0.080	50.0	76.4	10.3
0.090	50.0	79.2	12.0
0.100	50.0	81.9	13.6
0.150	50.0	94.9	21.4
0.170	50.0	100.0	24.5
0.200	50.0	106.7	28.4
0.250	50.0	107.9	29.2
0.300	50.0	105.7	27.9
0.350	50.0	106.9	28.6
0.400	50.0	108.2	29.3
0.500	50.0	118.4	35.4
0.600	50.0	103.2	26.4
0.700	50.0	88.7	17.7
0.800	50.0	88.5	17.5
0.900	50.0	95.0	21.4
1.000	50.0	100.7	24.9
1.200	50.0	113.0	32.2
1.500	50.0	96.5	22.4
2.000	50.0	92.1	19.7
2.500	50.0	104.8	27.3
3.000	50.0	85.9	16.0
4.000	50.0	110.6	30.8
5.000	50.0	75.0	9.5
7.000	50.0	75.7	9.9
10.000	50.0	69.5	6.2
15.000	50.0	66.5	4.4
20.000	50.0	57.5	0.5
30.000	50.0	59.9	0.5



EUT2 N

Isolation levels (dB) according to CISPR 16-1-2 including buil 10 dB-attenuation pad.

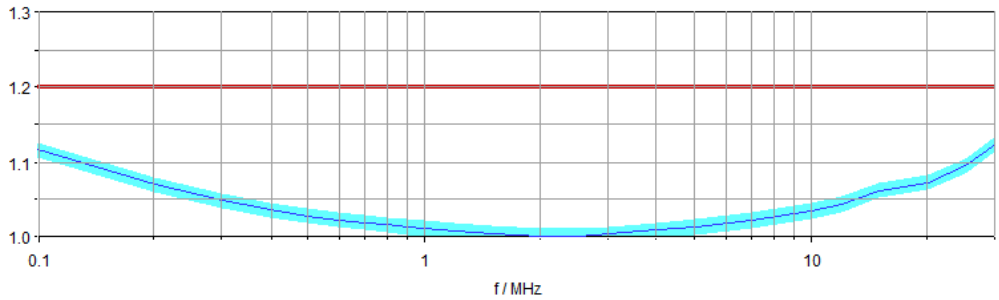
Frequency /MHz	DLL /dB	Actual /dB	MU /dB
0.009	10.0	31.0	0.3
0.015	15.0	43.3	0.3
0.020	20.0	48.7	0.3
0.025	25.0	52.9	0.5
0.030	30.0	56.1	0.5
0.040	40.0	61.7	1.5
0.050	50.0	66.0	4.1
0.060	50.0	69.7	6.3
0.070	50.0	73.1	8.3
0.080	50.0	76.2	10.2
0.090	50.0	79.0	11.9
0.100	50.0	81.7	13.5
0.150	50.0	94.9	21.4
0.170	50.0	98.7	23.7
0.200	50.0	108.7	29.6
0.250	50.0	109.2	30.0
0.300	50.0	104.9	27.4
0.350	50.0	107.0	28.6
0.400	50.0	105.1	27.5
0.500	50.0	109.0	29.8
0.600	50.0	121.0	37.1
0.700	50.0	105.7	27.9
0.800	50.0	93.2	20.4
0.900	50.0	93.2	20.4
1.000	50.0	100.5	24.8
1.200	50.0	111.5	31.3
1.500	50.0	100.4	24.7
2.000	50.0	78.1	11.3
2.500	50.0	112.4	31.9
3.000	50.0	89.8	18.3
4.000	50.0	92.9	20.2
5.000	50.0	82.4	13.9
7.000	50.0	83.1	14.4
10.000	50.0	74.6	9.2
15.000	50.0	64.9	3.4
20.000	50.0	65.3	3.7
30.000	50.0	62.1	1.7



7. VSWR at Receiver Output CISPR 16-1-2

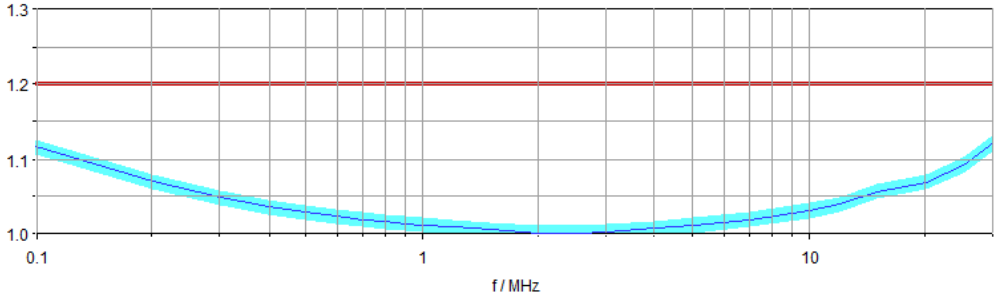
EUT 1 L1

Frequency /MHz	Actual	DUL	MU
0.100	1.12	1.20	0.01
0.200	1.07	1.20	0.01
0.300	1.05	1.20	0.01
0.400	1.04	1.20	0.01
0.500	1.03	1.20	0.01
0.600	1.02	1.20	0.01
0.700	1.02	1.20	0.01
0.800	1.02	1.20	0.01
0.900	1.01	1.20	0.01
1.000	1.01	1.20	0.01
1.200	1.01	1.20	0.01
1.500	1.01	1.20	0.01
2.000	1.00	1.20	0.01
2.500	1.00	1.20	0.01
3.000	1.01	1.20	0.01
4.000	1.01	1.20	0.01
5.000	1.01	1.20	0.01
7.000	1.02	1.20	0.01
10.00	1.04	1.20	0.01
12.00	1.04	1.20	0.01
15.00	1.06	1.20	0.01
20.00	1.07	1.20	0.01
25.00	1.10	1.20	0.01
30.00	1.12	1.20	0.01



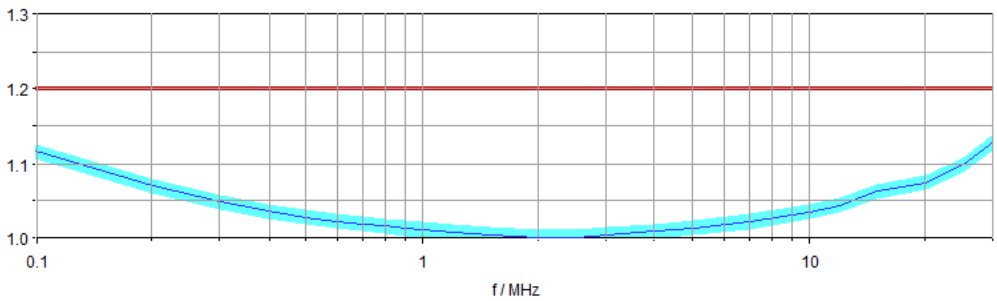
EUT 1 N

Frequency /MHz	Actual	DUL	MU
0.100	1.12	1.20	0.01
0.200	1.07	1.20	0.01
0.300	1.05	1.20	0.01
0.400	1.04	1.20	0.01
0.500	1.03	1.20	0.01
0.600	1.02	1.20	0.01
0.700	1.02	1.20	0.01
0.800	1.02	1.20	0.01
0.900	1.01	1.20	0.01
1.000	1.01	1.20	0.01
1.200	1.01	1.20	0.01
1.500	1.01	1.20	0.01
2.000	1.00	1.20	0.01
2.500	1.00	1.20	0.01
3.000	1.00	1.20	0.01
4.000	1.01	1.20	0.01
5.000	1.01	1.20	0.01
7.000	1.02	1.20	0.01
10.00	1.03	1.20	0.01
12.00	1.04	1.20	0.01
15.00	1.06	1.20	0.01
20.00	1.07	1.20	0.01
25.00	1.09	1.20	0.01
30.00	1.12	1.20	0.01



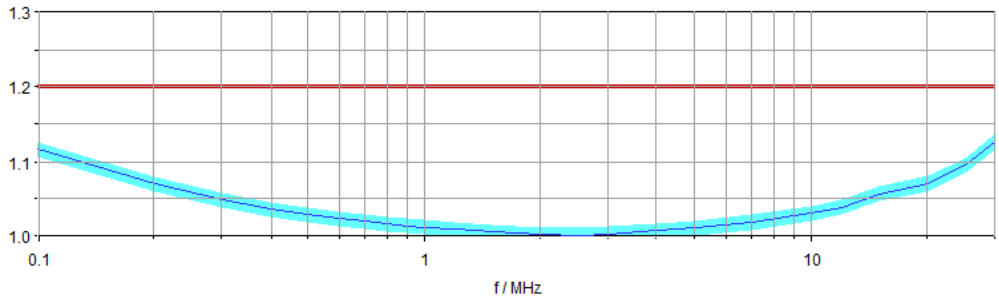
EUT 2 L1

Frequency /MHz	Actual	DUL	MU
0.100	1.12	1.20	0.01
0.200	1.07	1.20	0.01
0.300	1.05	1.20	0.01
0.400	1.04	1.20	0.01
0.500	1.03	1.20	0.01
0.600	1.02	1.20	0.01
0.700	1.02	1.20	0.01
0.800	1.02	1.20	0.01
0.900	1.01	1.20	0.01
1.000	1.01	1.20	0.01
1.200	1.01	1.20	0.01
1.500	1.01	1.20	0.01
2.000	1.00	1.20	0.01
2.500	1.00	1.20	0.01
3.000	1.01	1.20	0.01
4.000	1.01	1.20	0.01
5.000	1.01	1.20	0.01
7.000	1.02	1.20	0.01
10.00	1.04	1.20	0.01
12.00	1.05	1.20	0.01
15.00	1.06	1.20	0.01
20.00	1.08	1.20	0.01
25.00	1.10	1.20	0.01
30.00	1.13	1.20	0.01



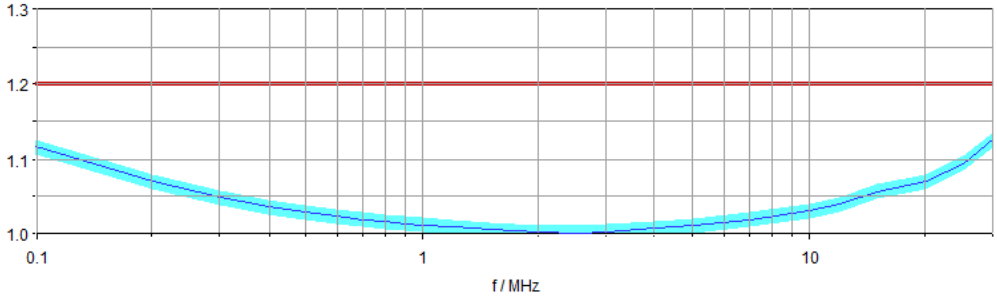
EUT 2 L2

Frequency /MHz	Actual	DUL	MU
0.100	1.12	1.20	0.01
0.200	1.07	1.20	0.01
0.300	1.05	1.20	0.01
0.400	1.04	1.20	0.01
0.500	1.03	1.20	0.01
0.600	1.02	1.20	0.01
0.700	1.02	1.20	0.01
0.800	1.02	1.20	0.01
0.900	1.01	1.20	0.01
1.000	1.01	1.20	0.01
1.200	1.01	1.20	0.01
1.500	1.01	1.20	0.01
2.000	1.00	1.20	0.01
2.500	1.00	1.20	0.01
3.000	1.00	1.20	0.01
4.000	1.01	1.20	0.01
5.000	1.01	1.20	0.01
7.000	1.02	1.20	0.01
10.00	1.03	1.20	0.01
12.00	1.04	1.20	0.01
15.00	1.06	1.20	0.01
20.00	1.07	1.20	0.01
25.00	1.10	1.20	0.01
30.00	1.13	1.20	0.01



EUT 2 L3

Frequency /MHz	Actual	DUL	MU
0.100	1.12	1.20	0.01
0.200	1.07	1.20	0.01
0.300	1.05	1.20	0.01
0.400	1.04	1.20	0.01
0.500	1.03	1.20	0.01
0.600	1.02	1.20	0.01
0.700	1.02	1.20	0.01
0.800	1.02	1.20	0.01
0.900	1.01	1.20	0.01
1.000	1.01	1.20	0.01
1.200	1.01	1.20	0.01
1.500	1.01	1.20	0.01
2.000	1.00	1.20	0.01
2.500	1.00	1.20	0.01
3.000	1.00	1.20	0.01
4.000	1.01	1.20	0.01
5.000	1.01	1.20	0.01
7.000	1.02	1.20	0.01
10.00	1.03	1.20	0.01
12.00	1.04	1.20	0.01
15.00	1.06	1.20	0.01
20.00	1.07	1.20	0.01
25.00	1.09	1.20	0.01
30.00	1.13	1.20	0.01



EUT 2 N

Frequency /MHz	Actual	DUL	MU
0.100	1.12	1.20	0.01
0.200	1.07	1.20	0.01
0.300	1.05	1.20	0.01
0.400	1.04	1.20	0.01
0.500	1.03	1.20	0.01
0.600	1.02	1.20	0.01
0.700	1.02	1.20	0.01
0.800	1.02	1.20	0.01
0.900	1.01	1.20	0.01
1.000	1.01	1.20	0.01
1.200	1.01	1.20	0.01
1.500	1.01	1.20	0.01
2.000	1.00	1.20	0.01
2.500	1.00	1.20	0.01
3.000	1.01	1.20	0.01
4.000	1.01	1.20	0.01
5.000	1.01	1.20	0.01
7.000	1.02	1.20	0.01
10.00	1.04	1.20	0.01
12.00	1.05	1.20	0.01
15.00	1.06	1.20	0.01
20.00	1.08	1.20	0.01
25.00	1.10	1.20	0.01
30.00	1.13	1.20	0.01