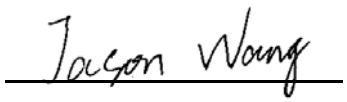
EMC TEST REPORT

For Electromagnetic Interference of

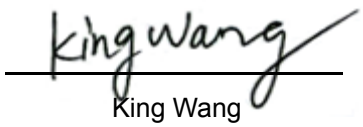
Report Reference No. ..... :	22EECS03007 01501
Date Sample(s) Received ..... :	2022-03-01
Date Tested ..... :	2022-03-02 to 2022-03-07
Date of issue ..... :	2022-03-10
Testing Laboratory..... :	DongGuan ShuoXin Electronic Technology Co., Ltd.
Address ..... :	Zone A, 1F, No. 6, XinGang Road YuanGang Street, XinAn District, ChangAn Town, DongGuan City, GuangDong, China
Applicant's name ..... :	Shenzhen Super Eagle Tech Co.,Ltd
Address ..... :	Floor 6-7,buildingB,DAWO JIABAO industrial park,longtian community,longtian street, pingshan district, Shenzhen city,P.R.C
Manufacturer ..... :	Shenzhen Super Eagle Tech Co.,Ltd
Test specification:	
Test item description..... :	Power Supply/Travel Charger
Trade Mark ..... :	N/A
Model/Type reference..... :	P961-PQ318W-EU, P961-PQ320W-EU, CD20W01,Novac 2,AC064PD,AC063PD, P961-PQ320W-UK, P961-PQ318W-UK , LAD260 512, LPRO260 502, LPRO260 512, (See model differences on pages 4 for details)
Ratings ..... :	I/P: 100-240V 50/60Hz 0.5A O/P: Refer to pages 4 for details

Responsible Engineer :



Jason Wang

Approved by:



King Wang

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1. CERTIFICATION

Testing Laboratory..... :	DongGuan ShuoXin Electronic Technology Co., Ltd.
Address ..... :	Zone A, 1F, No. 6, XinGang Road YuanGang Street, XinAn District, ChangAn Town, DongGuan City, GuangDong, China
Applicant's name ..... :	Shenzhen Super Eagle Tech Co.,Ltd
Address ..... :	Floor 6-7,buildingB,DAWO JIABAO industrial park,longtian community,longtian street, pingshan district, Shenzhen city,P.R.C
Manufacturer ..... :	Same as applicant
Address ..... :	Same as applicant
Factory..... :	Same as applicant
Address ..... :	Same as applicant
Test specification:	
Test item description..... :	Power Supply/Travel Charger
Trade Mark ..... :	N/A
Model/Type reference..... :	P961-PQ318W-EU, P961-PQ320W-EU, CD20W01,Novac 2,AC064PD,AC063PD, P961-PQ320W-UK, P961-PQ318W-U K , LAD260 512, LPRO260 502, LPRO260 512, (See model differences on pages 4 for details)
Test Sample..... :	P961-PQ320W-EU
Ratings ..... :	I/P: 100-240V 50/60Hz 0.5A O/P: Refer to pages 4 for details
Tested Power..... :	AC 110V 60Hz, 230V 50Hz
Standards ..... :	EN 55032:2015/A1:2020 EN 55035:2017/A11:2020 EN IEC 61000-3-2-2019/A1:2021 EN 61000-3-3:2013/A1:2019

The device described above was tested by DongGuan ShuoXin Electronic Technology Co., Ltd. to determine the maximum emission levels emanated from the device and severity levels of the device endure and its performance criterion. The measurement results are contained in this test report and DongGuan ShuoXin Electronic Technology Co., Ltd. assumes full responsibility for the accuracy and completeness of these measurements. This report shows the EUT is technically compliance with the above official standards. This report applies to the above sample only and shall not be reproduced in part without written approval of DongGuan ShuoXin Electronic Technology Co., Ltd.

1.1 GENERAL PRODUCT INFORMATION

Model Differences

All the models are identical to each other except for plug portion, model name and enclosure shape.

Note: Because protocol IC has two kinds of burning firmware, there are two kinds of output parameters P961-PQ320W-EU, CD20W01,Novac 2,AC064PD,AC063PD These models are all the same.

Output:

Single PD Output: DC5.0V 3.0A Max15.0W,
DC9.0V 2.22A Max20.0W,DC12.0V 1.67A Max20.0W
Single QC Output: DC5.0V 3.0A Max15.0W, DC9.0V 2.0A Max18.0W, DC12.0V 1.5A Max18.0W
PD&QC Output: 5.0V 3.0A Max15.0W OR
Single PD Output: DC5.0V 3.0A Max15.0W, DC9.0V 2.0A Max18.0W,DC12.0V 1.5A Max18.0W
Single QC Output: DC5.0V 3.0A Max15.0W, DC9.0V 2.0A Max18.0W, DC12.0V 1.5A Max18.0W
PD&QC Output: 5.0V 3.0A Max15.0W

2. SUMMARY OF TEST RESULTS

Test procedures according to the technical standards:

EMC Emission				
Standard	Test Item	Limit	Judgment	Remark
EN 55032:2015/A1:2020	Conducted Emission	Class B	PASS	
	Radiated Emission (up to 1 GHz)	Class B	PASS	
	Radiated Emission (above 1 GHz)	------	N/A	**(1) (7)**
	Radiated emissions from FM receivers	------	N/A	**(1) (6)**
	Asymmetric mode conducted emissions	------	N/A	**(1) (4)**
	Conducted differential voltage emissions	------	N/A	**(1) (3)**
EN IEC 61000-3-2-2019/A1:2021	Harmonic Current Emission	Class A	N/A	**(1) (2)**
EN 61000-3-3:2013/A1:2019	Voltage Fluctuations & Flicker	------	PASS	

EMC Immunity (EN 55035:2017/A11:2020)				
Section	Test Item	Performance Criteria	Judgment	Remark
IEC 61000-4-2:2008	Electrostatic Discharge	B	PASS	
IEC 61000-4-3: 2006+A1:2007+A2:2010	RF electromagnetic field	A	PASS	
IEC 61000-4-4: 2012	Fast transients	B	PASS	
IEC 61000-4-5: 2005	Surges	B	PASS	
IEC 61000-4-6: 2008	Injected Current	A	PASS	
IEC 61000-4-8: 2009	Power Frequency Magnetic Field	A	N/A	**(1)**
IEC 61000-4-11:2004	Volt. Interruptions Volt. Dips	B / C / C	PASS	**(5)**
4.2.7	Broadband impulse noise disturbances, repetitive	A	N/A	**(1)**
4.2.7	Broadband impulse noise disturbances, isolated	B	N/A	**(1)**

REMARK:

(1)" N/A" denotes test is not applicable in this Test Report
(2) The power consumption of EUT is less than 75W and no Limits apply.
(3) If the EUT has tuner port the test will be performed.
(4) Applicable to wired network ports，optical fibre ports with metallic shield or tension members，broadcast receiver tuner ports，antenna ports
(5) Voltage dips: Residual voltage < 5% – Performance Criteria B
Voltage dips: Residual voltage 70% – Performance Criteria C
Voltage Interruption: Residual voltage < 5% – Performance Criteria C
(6) If the EUT has FM function the test will be performed.
(7) The higest internal source of the EUT is less than108 MHz, the measurement shall only be Made up to 1GHz.

2.1 MEASUREMENT UNCERTAINTY

The reported uncertainty of measurement **y ± U** , where expended uncertainty **U** is based on a standard uncertainty multiplied by a coverage factor of **k=2** , providing a level of confidence of approximately **95** %.

A. Conducted Measurement :

Test Site	Method	Measurement Frequency Range	U，(dB)	NOTE
C01	ANSI	150 KHz ~ 30MHz	3.3	

B. Radiated Measurement :

Test Site	Method	Measurement Frequency Range	Ant. H / V	U，(dB)
R03	ANSI	30MHz ~ 200MHz	V	4.6
	ANSI	30MHz ~ 200MHz	H	4.6
	ANSI	200MHz ~ 1000MHz	V	6.10
	ANSI	200MHz ~ 1000MHz	H	5.08
	ANSI	1000MHz ~ 6000MHz	V	5.12
	ANSI	1000MHz ~ 6000MHz	H	5.12

2.2 DESCRIPTION OF TEST MODES

To investigate the maximum EMI emission characteristics generates from EUT, the test system was pre-scanning tested base on the consideration of following EUT operation mode or test configuration mode which possible have effect on EMI emission level. Each of these EUT operation mode(s) or test configuration mode(s) mentioned above was evaluated respectively.

Pretest Mode	Description
Mode 1	FULL LOAD
Mode 2	HALF LOAD
Mode 3	NULL LOAD

For Conducted Test	
Final Test Mode	Description
Mode 1	FULL LOAD

For Radiated Test	
Final Test Mode	Description
Mode 1	FULL LOAD

For Flicks Test	
Final Test Mode	Description
Mode 1	FULL LOAD

For EMS Test	
Final Test Mode	Description
Mode 1	FULL LOAD

NOTE: After pretest are found mode 1 is the worst, so recorded testing data in this test report.

2.3 EQUIPMENT USED DURING TESTING

Product Type*	Device	Manufacturer	Model No.	Comments
AE1	Dummy load	/	/	/
AE2	Dummy load	/	/	/

*Note: Use abbreviations:

EUT - Equipment Under Test,

AE - Auxiliary/Associated Equipment, or

SIM - Simulator (Not Subjected to Test)

CABL – Connecting cables

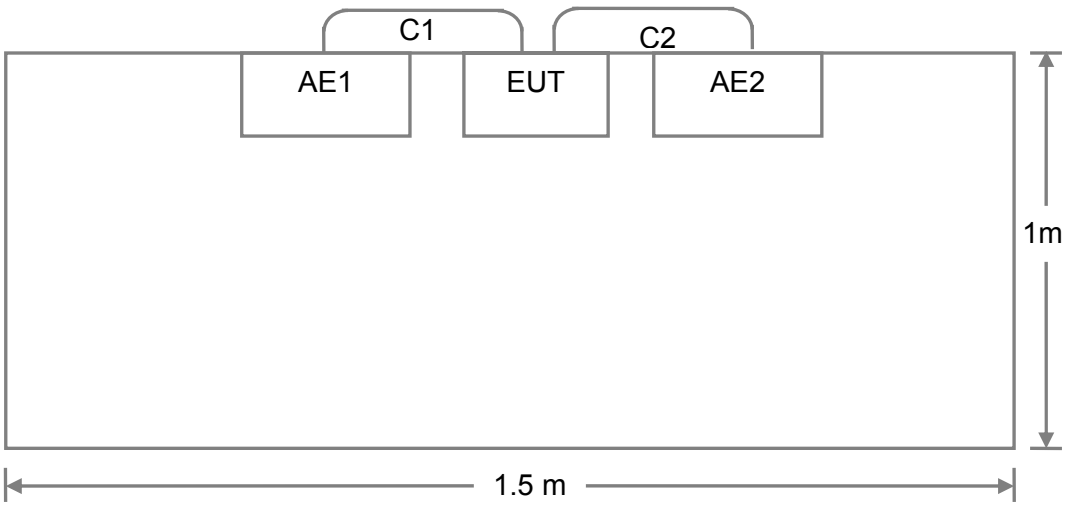
NO.	Name	Cable length (m)	Shielded(Y/N)	Ferrite Core(Y/N)
C1	USB Cable	1.0	N	N
C2	USB Cable	1.0	N	N

Note: “Y” represents shielded.

“N” represents unshielded.

2.4 BLOCK DIGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED

Radiated Measurement Configuration



3. EMC EMISSION TEST

3.1 CONDUCTED EMISSION MEASUREMENT

3.1.1 POWER LINE CONDUCTED EMISSION (Frequency Range 150KHz-30MHz)

FREQUENCY (MHz)	Class A (dBuV)		Class B (dBuV)	
	Quasi-peak	Average	Quasi-peak	Average
0.15 -0.5	79.00	66.00	66 - 56 *	56 - 46 *
0.50 -5.0	73.00	60.00	56.00	46.00
5.0 -30.0	73.00	60.00	60.00	50.00

Note:

(1) The tighter limit applies at the band edges.

(2) The limit of " * " marked band means the limitation decreases linearly with the logarithm of the frequency in the range.

3.1.2 MEASUREMENT INSTRUMENTS LIST

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Pulse Limiter	MTS-systemtechnik	MTS-IMP-136	261115-010-0024	12/19/2022
2	EMI Test Receiver	R&S	ESCI	101308	12/17/2022
3	LISN	AFJ	LS16	16011103219	06/09/2022
4	LISN	Schwarzbeck	NSLK 8127	8127-432	12/17/2022
5	Measurement Software	Farad	EZ-EMC (Ver.ATT-03A)	N/A	N/A

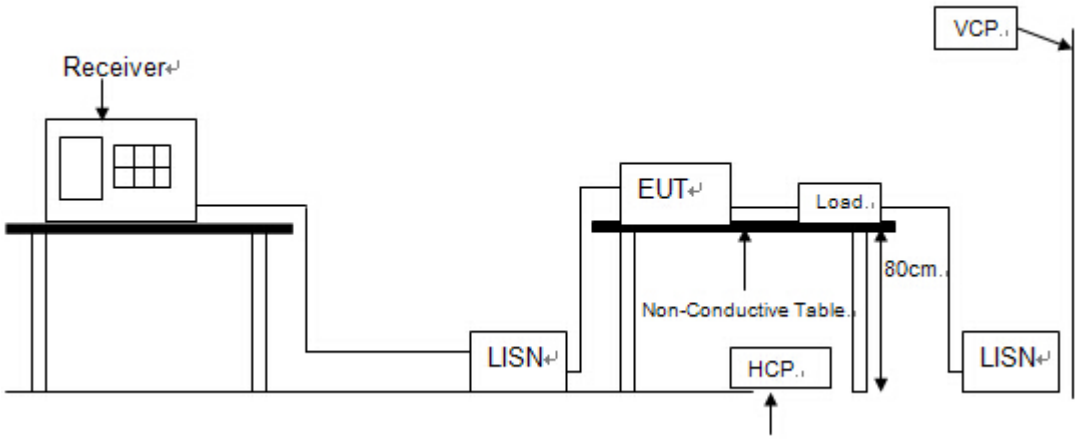
3.1.3 TEST PROCEDURE

a. The EUT was placed 0.8 meters from the horizontal reference ground plane and 0.4meters from vertical reference ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipments powered from additional LISN(s). The LISN provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.
b. Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.
c. I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
d. LISN at least 80 cm from nearest part of EUT chassis.
e. For the actual test configuration, please refer to the related Item –EUT Test Photos.

3.1.4 DEVIATION FROM TEST STANDARD

No deviation

3.1.5 TEST SETUP

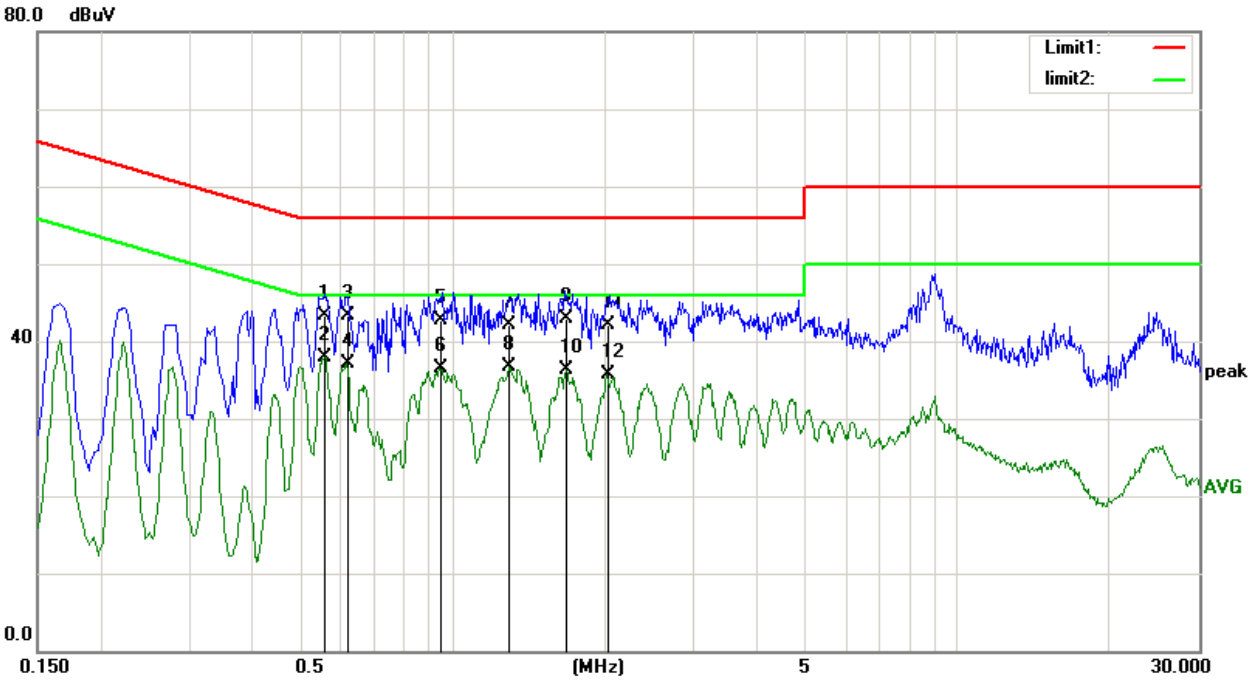


3.1.6 EUT OPERATING CONDITIONS

The EUT exercise program used during radiated and/or conducted emission measurement was designed to exercise the various system components in a manner similar to a typical use.

3.1.7 TEST RESULTS

EUT:	Power Supply/Travel Charger	Model No.:	P961-PQ320W-EU
Temperature:	24.6℃	Relative Humidity:	55%
Probe:	L1	Test Power:	AC 230V/50Hz
Test Time:	2022-03-07	Test Result:	Pass
Standard:	(CE)EN55032 Class B_QP	Test By:	Vic
Test Mode:	FULL LOAD		
Note:	PD 5V/3A		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.5580	33.14	10.12	43.26	56.00	-12.74	QP
2	0.5580	27.77	10.12	37.89	46.00	-8.11	AVG
3	0.6140	33.18	10.13	43.31	56.00	-12.69	QP
4	0.6140	26.93	10.13	37.06	46.00	-8.94	AVG
5	0.9420	32.61	10.15	42.76	56.00	-13.24	QP
6	0.9420	26.35	10.15	36.50	46.00	-9.50	AVG
7	1.2940	31.97	10.15	42.12	56.00	-13.88	QP
8	1.2940	26.52	10.15	36.67	46.00	-9.33	AVG
9	1.6780	32.71	10.16	42.87	56.00	-13.13	QP
10	1.6780	26.21	10.16	36.37	46.00	-9.63	AVG
11	2.0220	31.97	10.16	42.13	56.00	-13.87	QP
12	2.0220	25.52	10.16	35.68	46.00	-10.32	AVG

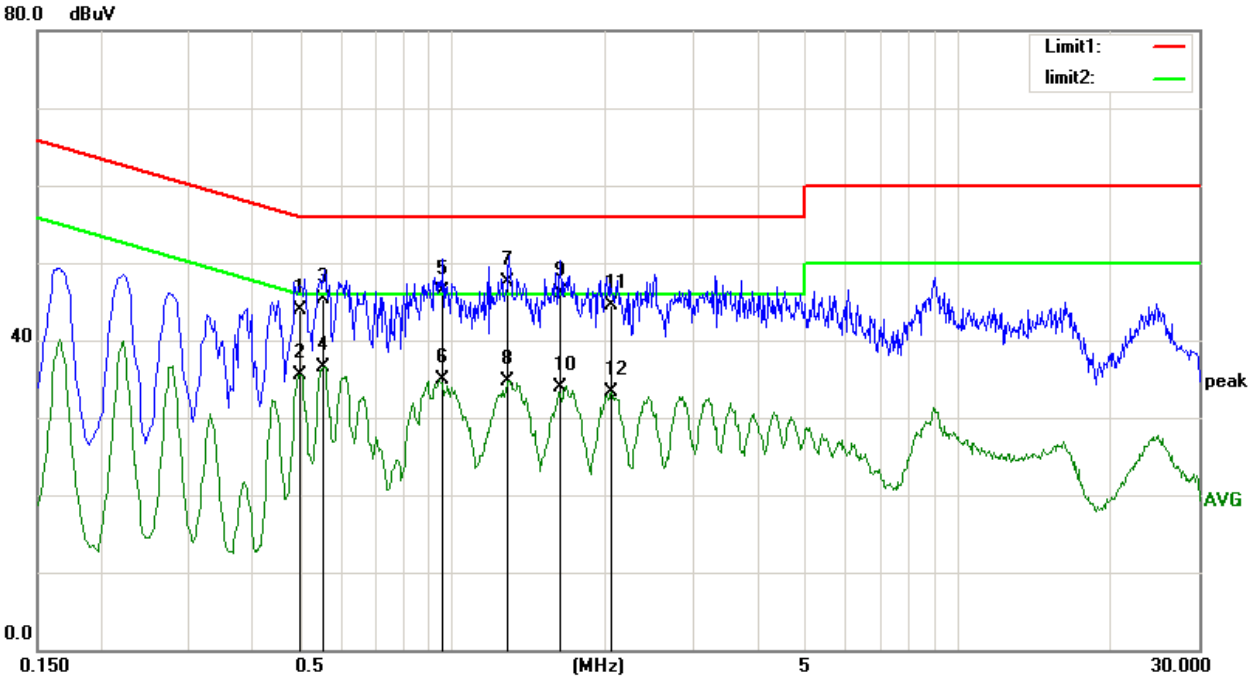
The test result is calculated as the following:

(1) Result = Reading + Correct Factor

(2) Correct Factor = (LISN, ISN, PLC or Current Probe) Factor + Cable Loss +Attenuator

(3) Margin = Result - Limit

EUT:	Power Supply/Travel Charger	Model No.:	P961-PQ320W-EU
Temperature:	24.6℃	Relative Humidity:	55%
Probe:	N	Test Power:	AC 230V/50Hz
Test Time:	2022-03-07	Test Result:	Pass
Standard:	(CE)EN55032 Class B_QP	Test By:	Vic
Test Mode:	FULL LOAD		
Note:	PD 5V/3A		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.4980	33.75	10.12	43.87	56.03	-12.16	QP
2	0.4980	25.30	10.12	35.42	46.03	-10.61	AVG
3	0.5540	35.14	10.12	45.26	56.00	-10.74	QP
4	0.5540	26.42	10.12	36.54	46.00	-9.46	AVG
5	0.9538	36.11	10.15	46.26	56.00	-9.74	QP
6	0.9538	24.76	10.15	34.91	46.00	-11.09	AVG
7	1.2860	37.41	10.15	47.56	56.00	-8.44	QP
8	1.2860	24.60	10.15	34.75	46.00	-11.25	AVG
9	1.6338	35.99	10.16	46.15	56.00	-9.85	QP
10	1.6338	23.70	10.16	33.86	46.00	-12.14	AVG
11	2.0579	34.30	10.16	44.46	56.00	-11.54	QP
12	2.0579	23.22	10.16	33.38	46.00	-12.62	AVG

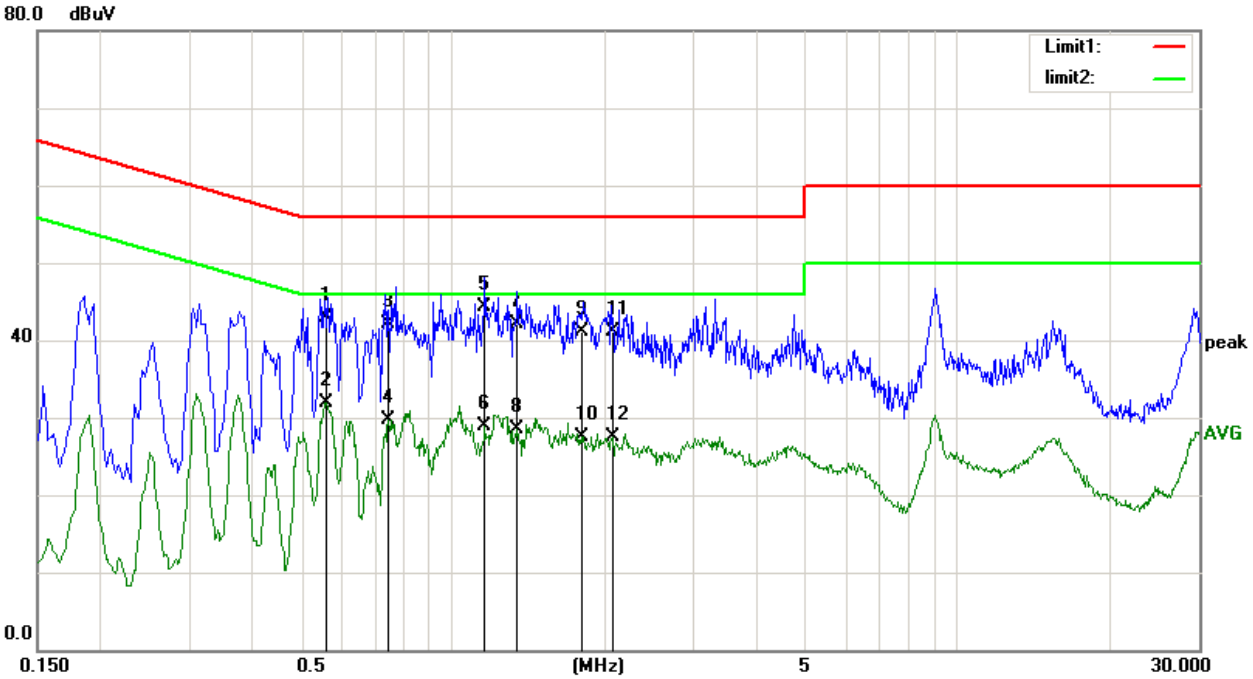
The test result is calculated as the following:

(1) Result = Reading + Correct Factor

(2) Correct Factor = (LISN, ISN, PLC or Current Probe) Factor + Cable Loss +Attenuator

(3) Margin = Result - Limit

EUT:	Power Supply/Travel Charger	Model No.:	P961-PQ320W-EU
Temperature:	24.6℃	Relative Humidity:	55%
Probe:	N	Test Power:	AC 110V/60Hz
Test Time:	2022-03-07	Test Result:	Pass
Standard:	(CE)EN55032 Class B_QP	Test By:	Vic
Test Mode:	FULL LOAD		
Note:	PD 5V/3A		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.5620	32.77	10.12	42.89	56.00	-13.11	QP
2	0.5620	21.86	10.12	31.98	46.00	-14.02	AVG
3	0.7459	32.00	10.13	42.13	56.00	-13.87	QP
4	0.7459	19.60	10.13	29.73	46.00	-16.27	AVG
5	1.1539	34.11	10.15	44.26	56.00	-11.74	QP
6	1.1539	18.67	10.15	28.82	46.00	-17.18	AVG
7	1.3420	31.91	10.15	42.06	56.00	-13.94	QP
8	1.3420	18.33	10.15	28.48	46.00	-17.52	AVG
9	1.7980	30.90	10.16	41.06	56.00	-14.94	QP
10	1.7980	17.43	10.16	27.59	46.00	-18.41	AVG
11	2.0739	30.97	10.16	41.13	56.00	-14.87	QP
12	2.0739	17.26	10.16	27.42	46.00	-18.58	AVG

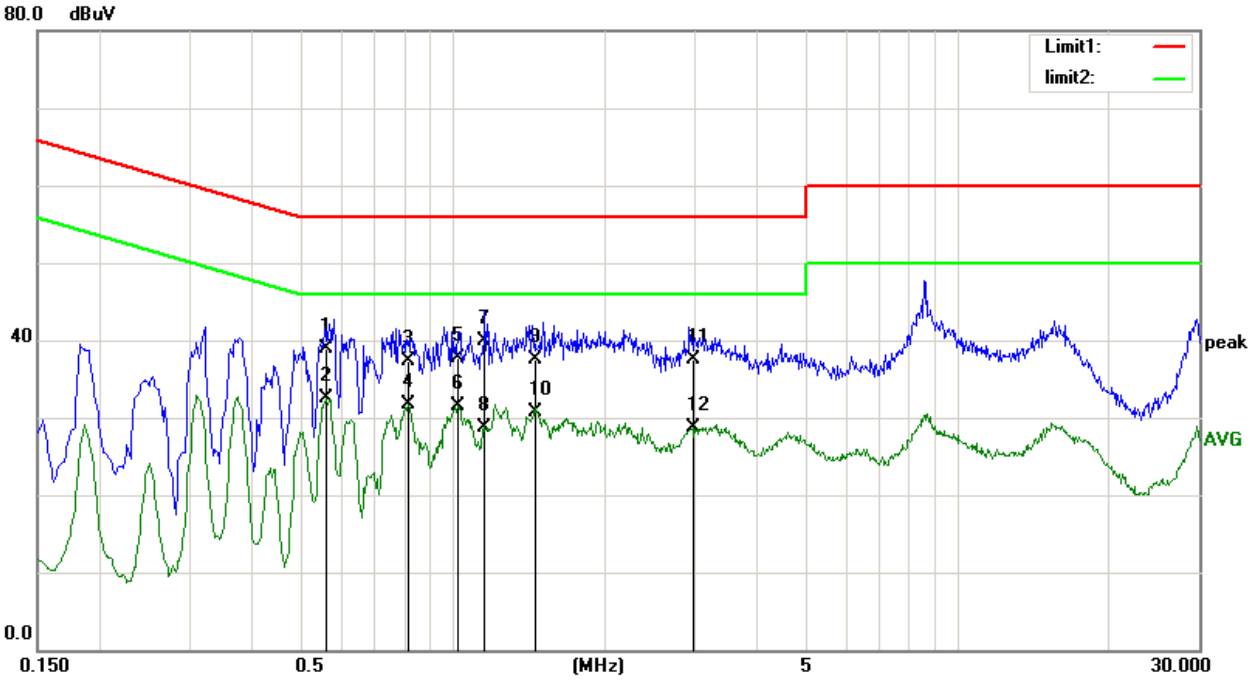
The test result is calculated as the following:

(1) Result = Reading + Correct Factor

(2) Correct Factor = (LISN, ISN, PLC or Current Probe) Factor + Cable Loss +Attenuator

(3) Margin = Result - Limit

EUT:	Power Supply/Travel Charger	Model No.:	P961-PQ320W-EU
Temperature:	24.6℃	Relative Humidity:	55%
Probe:	L1	Test Power:	AC 110V/60Hz
Test Time:	2022-03-07	Test Result:	Pass
Standard:	(CE)EN55032 Class B_QP	Test By:	Vic
Test Mode:	FULL LOAD		
Note:	PD 5V/3A		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.5620	28.83	10.12	38.95	56.00	-17.05	QP
2	0.5620	22.38	10.12	32.50	46.00	-13.50	AVG
3	0.8139	27.12	10.14	37.26	56.00	-18.74	QP
4	0.8139	21.53	10.14	31.67	46.00	-14.33	AVG
5	1.0260	27.53	10.15	37.68	56.00	-18.32	QP
6	1.0260	21.30	10.15	31.45	46.00	-14.55	AVG
7	1.1578	29.70	10.15	39.85	56.00	-16.15	QP
8	1.1578	18.50	10.15	28.65	46.00	-17.35	AVG
9	1.4540	27.45	10.15	37.60	56.00	-18.40	QP
10	1.4540	20.50	10.15	30.65	46.00	-15.35	AVG
11	2.9780	27.31	10.17	37.48	56.00	-18.52	QP
12	2.9780	18.47	10.17	28.64	46.00	-17.36	AVG

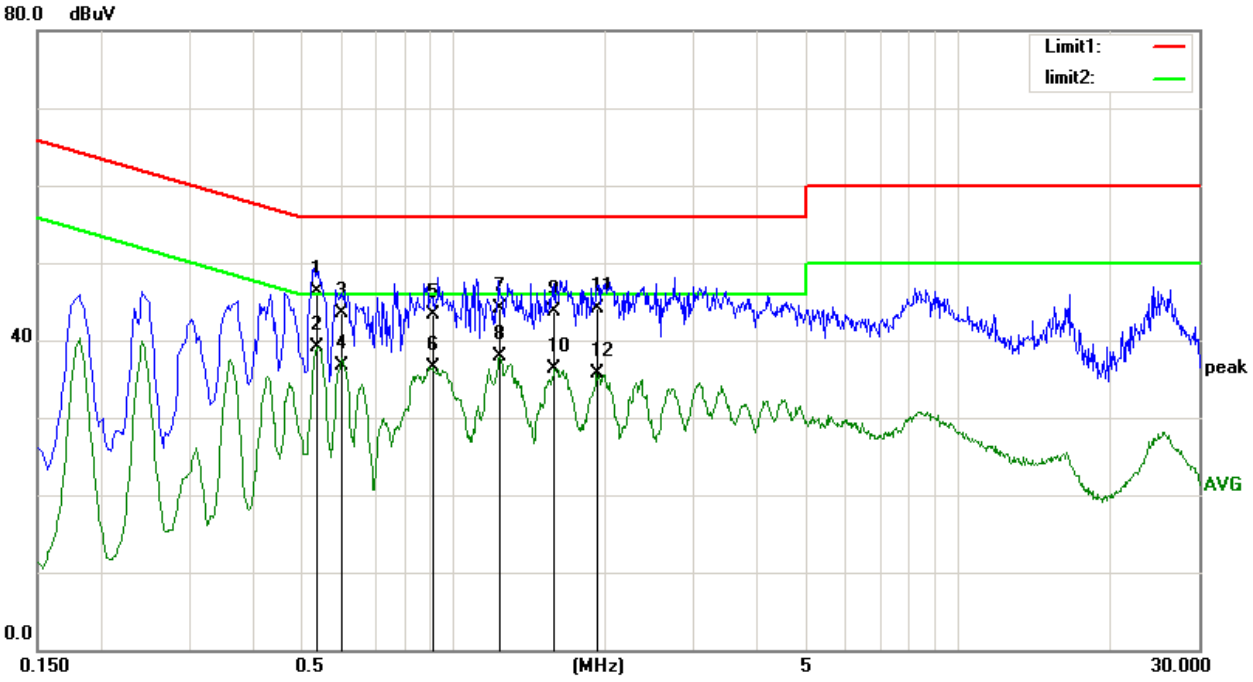
The test result is calculated as the following:

(1) Result = Reading + Correct Factor

(2) Correct Factor = (LISN, ISN, PLC or Current Probe) Factor + Cable Loss +Attenuator

(3) Margin = Result - Limit

EUT:	Power Supply/Travel Charger	Model No.:	P961-PQ320W-EU
Temperature:	24.6℃	Relative Humidity:	55%
Probe:	L1	Test Power:	AC 230V/50Hz
Test Time:	2022-03-07	Test Result:	Pass
Standard:	(CE)EN55032 Class B_QP	Test By:	Vic
Test Mode:	FULL LOAD		
Note:	PD 9V/2.22A		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.5380	36.14	10.12	46.26	56.00	-9.74	QP
2	0.5380	29.04	10.12	39.16	46.00	-6.84	AVG
3	0.6020	33.47	10.13	43.60	56.00	-12.40	QP
4	0.6020	26.52	10.13	36.65	46.00	-9.35	AVG
5	0.9100	33.12	10.14	43.26	56.00	-12.74	QP
6	0.9100	26.37	10.14	36.51	46.00	-9.49	AVG
7	1.2380	33.90	10.15	44.05	56.00	-11.95	QP
8	1.2380	27.78	10.15	37.93	46.00	-8.07	AVG
9	1.5859	33.52	10.16	43.68	56.00	-12.32	QP
10	1.5859	26.10	10.16	36.26	46.00	-9.74	AVG
11	1.9260	33.86	10.16	44.02	56.00	-11.98	QP
12	1.9260	25.45	10.16	35.61	46.00	-10.39	AVG

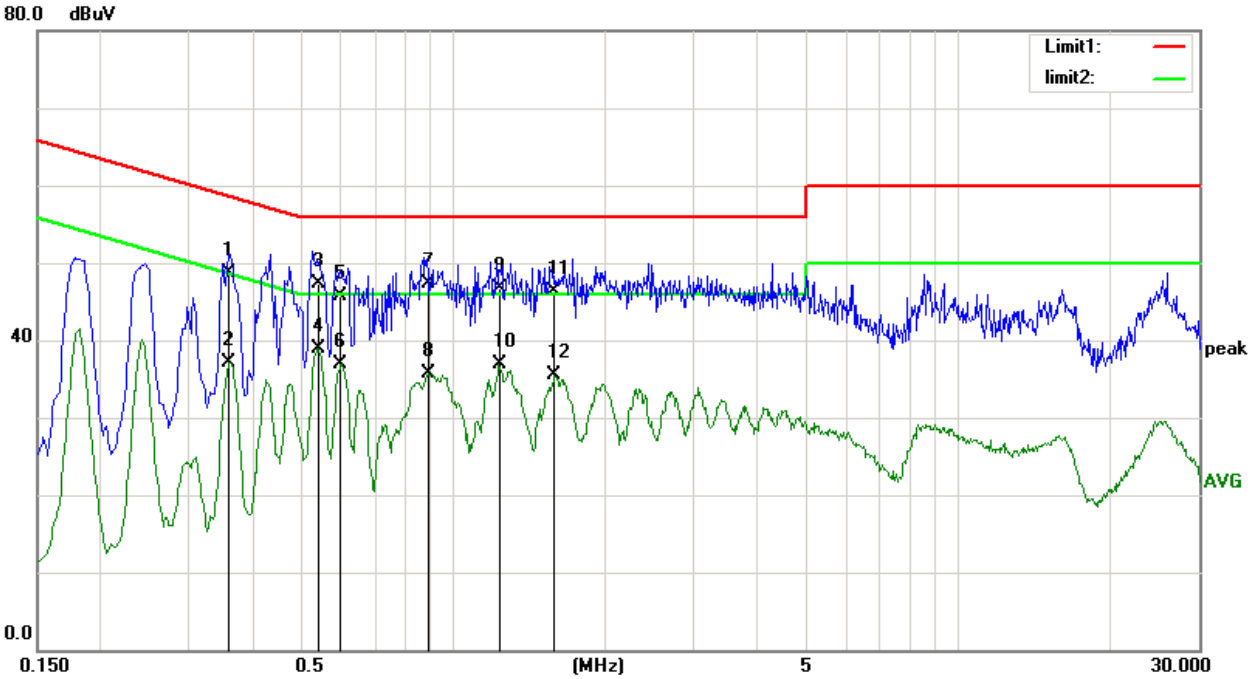
The test result is calculated as the following:

(1) Result = Reading + Correct Factor

(2) Correct Factor = (LISN, ISN, PLC or Current Probe) Factor + Cable Loss +Attenuator

(3) Margin = Result - Limit

EUT:	Power Supply/Travel Charger	Model No.:	P961-PQ320W-EU
Temperature:	24.6℃	Relative Humidity:	55%
Probe:	N	Test Power:	AC 230V/50Hz
Test Time:	2022-03-07	Test Result:	Pass
Standard:	(CE)EN55032 Class B_QP	Test By:	Vic
Test Mode:	FULL LOAD		
Note:	PD 9V/2.22A		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.3580	38.55	10.10	48.65	58.77	-10.12	QP
2	0.3580	27.10	10.10	37.20	48.77	-11.57	AVG
3	0.5420	37.14	10.12	47.26	56.00	-8.74	QP
4	0.5420	28.83	10.12	38.95	46.00	-7.05	AVG
5	0.5980	35.63	10.13	45.76	56.00	-10.24	QP
6	0.5980	26.85	10.13	36.98	46.00	-9.02	AVG
7	0.8940	37.21	10.14	47.35	56.00	-8.65	QP
8	0.8940	25.62	10.14	35.76	46.00	-10.24	AVG
9	1.2340	36.63	10.15	46.78	56.00	-9.22	QP
10	1.2340	26.71	10.15	36.86	46.00	-9.14	AVG
11	1.5859	36.10	10.16	46.26	56.00	-9.74	QP
12	1.5859	25.40	10.16	35.56	46.00	-10.44	AVG

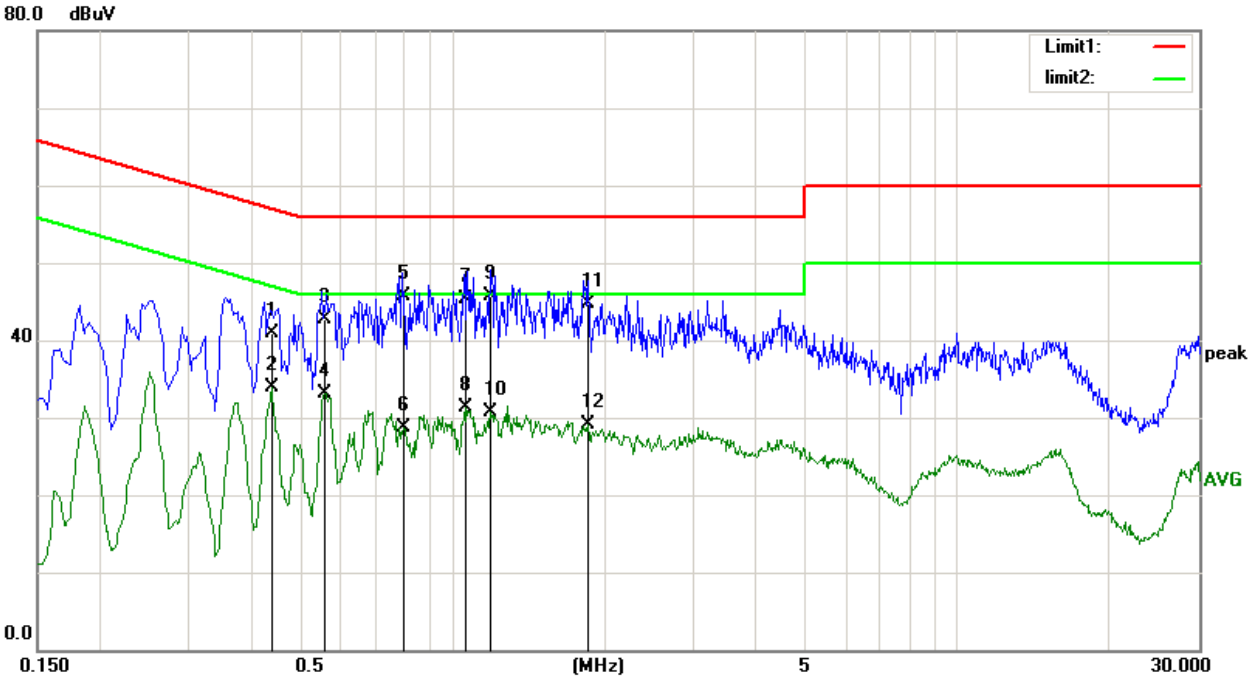
The test result is calculated as the following:

(1) Result = Reading + Correct Factor

(2) Correct Factor = (LISN, ISN, PLC or Current Probe) Factor + Cable Loss +Attenuator

(3) Margin = Result - Limit

EUT:	Power Supply/Travel Charger	Model No.:	P961-PQ320W-EU
Temperature:	24.6℃	Relative Humidity:	55%
Probe:	N	Test Power:	AC 110V/60Hz
Test Time:	2022-03-07	Test Result:	Pass
Standard:	(CE)EN55032 Class B_QP	Test By:	Vic
Test Mode:	FULL LOAD		
Note:	PD 9V/2.22A		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.4380	30.75	10.11	40.86	57.10	-16.24	QP
2	0.4380	23.73	10.11	33.84	47.10	-13.26	AVG
3	0.5580	32.53	10.12	42.65	56.00	-13.35	QP
4	0.5580	23.04	10.12	33.16	46.00	-12.84	AVG
5	0.7980	35.53	10.14	45.67	56.00	-10.33	QP
6	0.7980	18.50	10.14	28.64	46.00	-17.36	AVG
7	1.0580	35.11	10.15	45.26	56.00	-10.74	QP
8	1.0580	21.15	10.15	31.30	46.00	-14.70	AVG
9	1.1900	35.61	10.15	45.76	56.00	-10.24	QP
10	1.1900	20.50	10.15	30.65	46.00	-15.35	AVG
11	1.8500	34.53	10.16	44.69	56.00	-11.31	QP
12	1.8500	18.87	10.16	29.03	46.00	-16.97	AVG

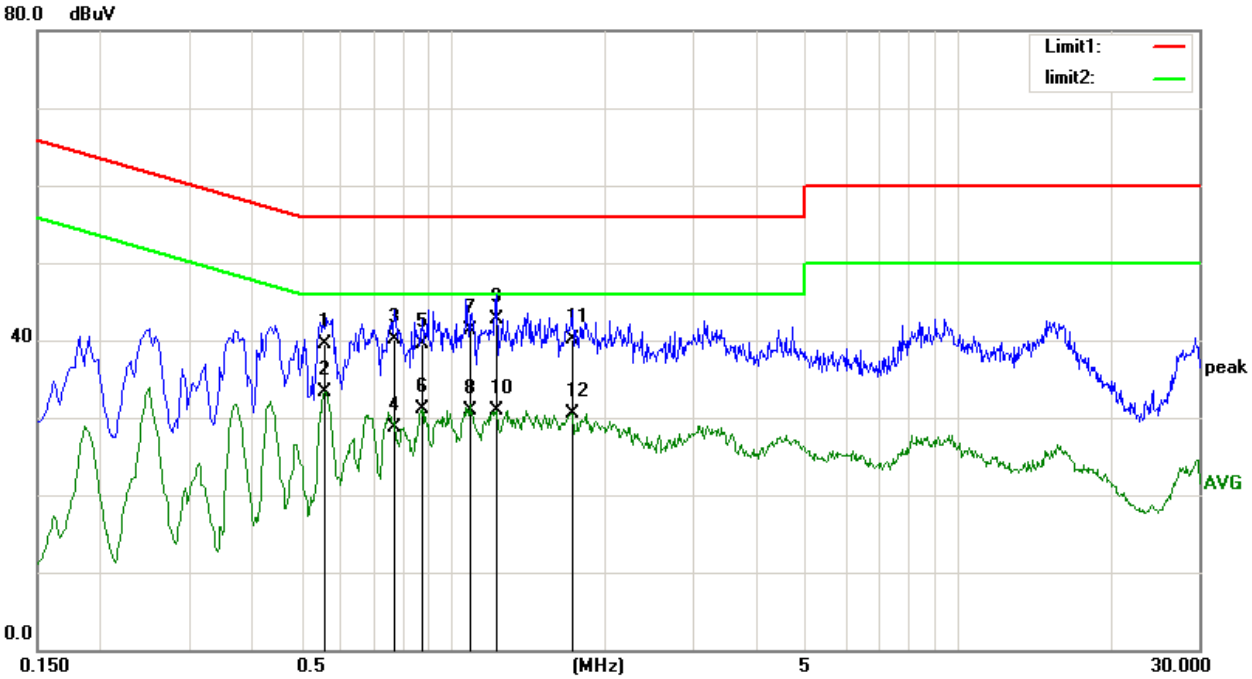
The test result is calculated as the following:

(1) Result = Reading + Correct Factor

(2) Correct Factor = (LISN, ISN, PLC or Current Probe) Factor + Cable Loss +Attenuator

(3) Margin = Result - Limit

EUT:	Power Supply/Travel Charger	Model No.:	P961-PQ320W-EU
Temperature:	24.6℃	Relative Humidity:	55%
Probe:	L1	Test Power:	AC 110V/60Hz
Test Time:	2022-03-07	Test Result:	Pass
Standard:	(CE)EN55032 Class B_QP	Test By:	Vic
Test Mode:	FULL LOAD		
Note:	PD 9V/2.22A		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.5580	29.46	10.12	39.58	56.00	-16.42	QP
2	0.5580	23.18	10.12	33.30	46.00	-12.70	AVG
3	0.7660	30.01	10.14	40.15	56.00	-15.85	QP
4	0.7660	18.51	10.14	28.65	46.00	-17.35	AVG
5	0.8700	29.31	10.14	39.45	56.00	-16.55	QP
6	0.8700	20.92	10.14	31.06	46.00	-14.94	AVG
7	1.0820	31.11	10.15	41.26	56.00	-14.74	QP
8	1.0820	20.74	10.15	30.89	46.00	-15.11	AVG
9	1.2180	32.52	10.15	42.67	56.00	-13.33	QP
10	1.2180	20.71	10.15	30.86	46.00	-15.14	AVG
11	1.7140	29.99	10.16	40.15	56.00	-15.85	QP
12	1.7140	20.43	10.16	30.59	46.00	-15.41	AVG

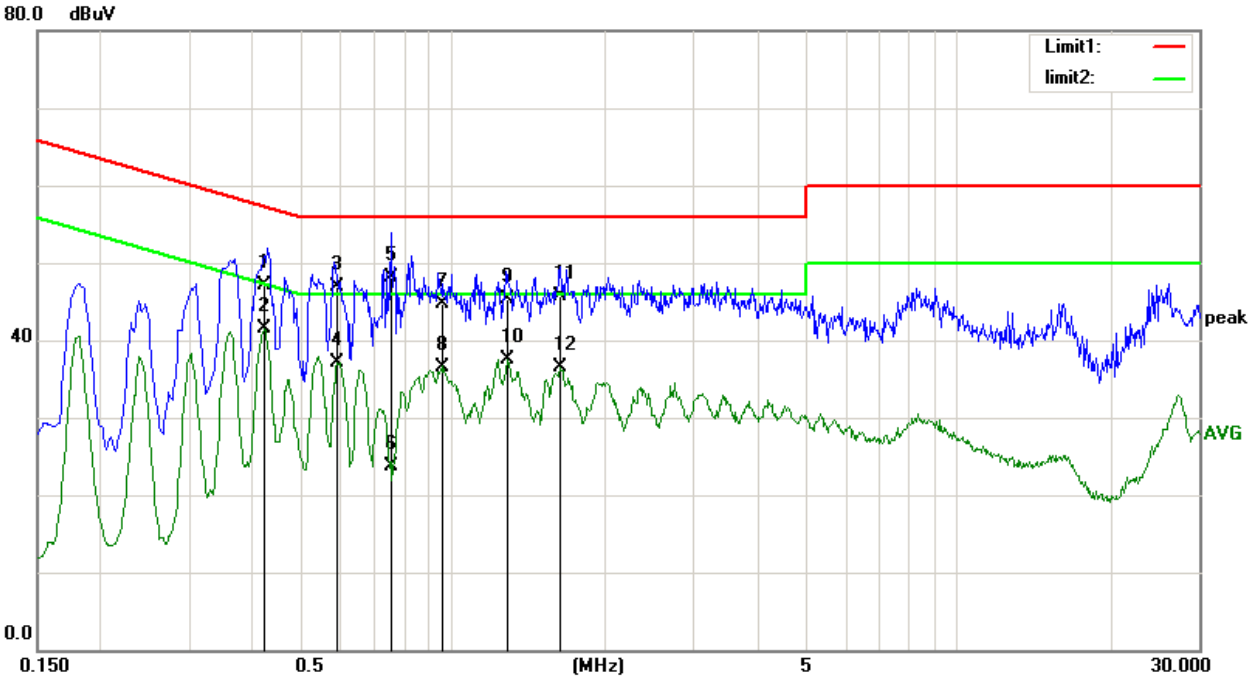
The test result is calculated as the following:

(1) Result = Reading + Correct Factor

(2) Correct Factor = (LISN, ISN, PLC or Current Probe) Factor + Cable Loss +Attenuator

(3) Margin = Result - Limit

EUT:	Power Supply/Travel Charger	Model No.:	P961-PQ320W-EU
Temperature:	24.6℃	Relative Humidity:	55%
Probe:	L1	Test Power:	AC 230V/50Hz
Test Time:	2022-03-07	Test Result:	Pass
Standard:	(CE)EN55032 Class B_QP	Test By:	Vic
Test Mode:	FULL LOAD		
Note:	PD 12V/1.67A		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.4220	37.04	10.11	47.15	57.41	-10.26	QP
2	0.4220	31.41	10.11	41.52	47.41	-5.89	AVG
3	0.5899	36.82	10.13	46.95	56.00	-9.05	QP
4	0.5899	26.93	10.13	37.06	46.00	-8.94	AVG
5	0.7516	38.02	10.13	48.15	56.00	-7.85	QP
6	0.7516	13.49	10.13	23.62	46.00	-22.38	AVG
7	0.9540	34.61	10.15	44.76	56.00	-11.24	QP
8	0.9540	26.45	10.15	36.60	46.00	-9.40	AVG
9	1.2860	35.20	10.15	45.35	56.00	-10.65	QP
10	1.2860	27.33	10.15	37.48	46.00	-8.52	AVG
11	1.6340	35.49	10.16	45.65	56.00	-10.35	QP
12	1.6340	26.43	10.16	36.59	46.00	-9.41	AVG

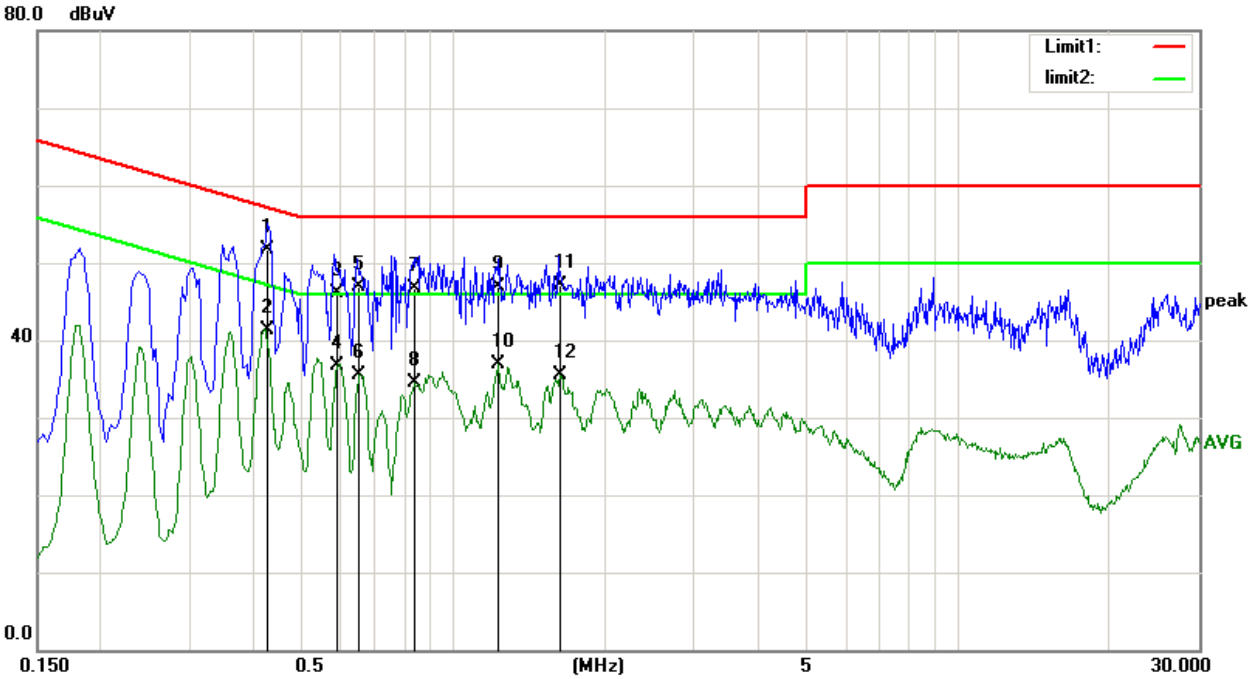
The test result is calculated as the following:

(1) Result = Reading + Correct Factor

(2) Correct Factor = (LISN, ISN, PLC or Current Probe) Factor + Cable Loss +Attenuator

(3) Margin = Result - Limit

EUT:	Power Supply/Travel Charger	Model No.:	P961-PQ320W-EU
Temperature:	24.6℃	Relative Humidity:	55%
Probe:	N	Test Power:	AC 230V/50Hz
Test Time:	2022-03-07	Test Result:	Pass
Standard:	(CE)EN55032 Class B_QP	Test By:	Vic
Test Mode:	FULL LOAD		
Note:	PD 12V/1.67A		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.4300	41.53	10.11	51.64	57.25	-5.61	QP
2	0.4300	31.10	10.11	41.21	47.25	-6.04	AVG
3	0.5936	36.04	10.13	46.17	56.00	-9.83	QP
4	0.5936	26.51	10.13	36.64	46.00	-9.36	AVG
5	0.6540	36.82	10.13	46.95	56.00	-9.05	QP
6	0.6540	25.42	10.13	35.55	46.00	-10.45	AVG
7	0.8417	36.65	10.14	46.79	56.00	-9.21	QP
8	0.8417	24.35	10.14	34.49	46.00	-11.51	AVG
9	1.2298	36.80	10.15	46.95	56.00	-9.05	QP
10	1.2298	26.71	10.15	36.86	46.00	-9.14	AVG
11	1.6336	36.99	10.16	47.15	56.00	-8.85	QP
12	1.6336	25.40	10.16	35.56	46.00	-10.44	AVG

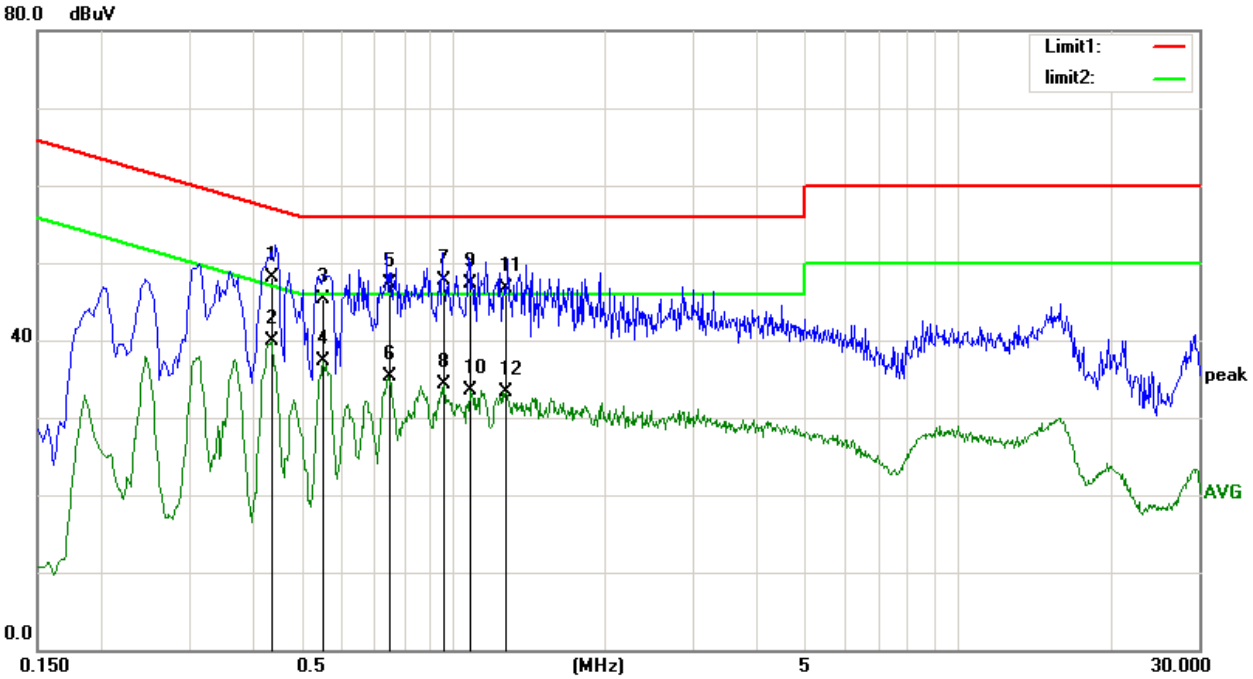
The test result is calculated as the following:

(1) Result = Reading + Correct Factor

(2) Correct Factor = (LISN, ISN, PLC or Current Probe) Factor + Cable Loss +Attenuator

(3) Margin = Result - Limit

EUT:	Power Supply/Travel Charger	Model No.:	P961-PQ320W-EU
Temperature:	24.6℃	Relative Humidity:	55%
Probe:	N	Test Power:	AC 110V/60Hz
Test Time:	2022-03-07	Test Result:	Pass
Standard:	(CE)EN55032 Class B_QP	Test By:	Vic
Test Mode:	FULL LOAD		
Note:	PD 12V/1.67A		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.4380	38.04	10.11	48.15	57.10	-8.95	QP
2	0.4380	29.77	10.11	39.88	47.10	-7.22	AVG
3	0.5540	35.14	10.12	45.26	56.00	-10.74	QP
4	0.5540	27.14	10.12	37.26	46.00	-8.74	AVG
5	0.7460	37.13	10.13	47.26	56.00	-8.74	QP
6	0.7460	25.08	10.13	35.21	46.00	-10.79	AVG
7	0.9620	37.46	10.15	47.61	56.00	-8.39	QP
8	0.9620	24.12	10.15	34.27	46.00	-11.73	AVG
9	1.0780	37.21	10.15	47.36	56.00	-8.64	QP
10	1.0780	23.28	10.15	33.43	46.00	-12.57	AVG
11	1.2700	36.51	10.15	46.66	56.00	-9.34	QP
12	1.2700	23.24	10.15	33.39	46.00	-12.61	AVG

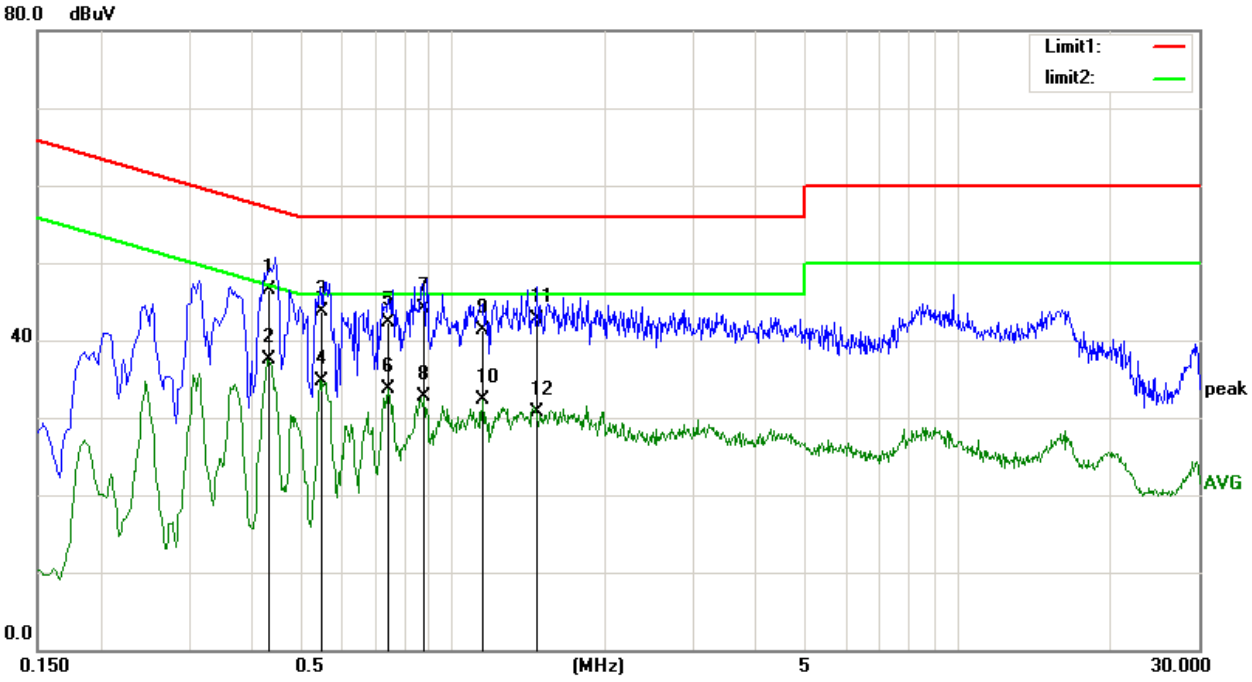
The test result is calculated as the following:

(1) Result = Reading + Correct Factor

(2) Correct Factor = (LISN, ISN, PLC or Current Probe) Factor + Cable Loss +Attenuator

(3) Margin = Result - Limit

EUT:	Power Supply/Travel Charger	Model No.:	P961-PQ320W-EU
Temperature:	24.6℃	Relative Humidity:	55%
Probe:	L1	Test Power:	AC 110V/60Hz
Test Time:	2022-03-07	Test Result:	Pass
Standard:	(CE)EN55032 Class B_QP	Test By:	Vic
Test Mode:	FULL LOAD		
Note:	PD 12V/1.67A		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.4300	36.48	10.11	46.59	57.25	-10.66	QP
2	0.4300	27.31	10.11	37.42	47.25	-9.83	AVG
3	0.5463	33.66	10.12	43.78	56.00	-12.22	QP
4	0.5463	24.56	10.12	34.68	46.00	-11.32	AVG
5	0.7460	32.23	10.13	42.36	56.00	-13.64	QP
6	0.7460	23.57	10.13	33.70	46.00	-12.30	AVG
7	0.8780	33.87	10.14	44.01	56.00	-11.99	QP
8	0.8780	22.53	10.14	32.67	46.00	-13.33	AVG
9	1.1460	31.17	10.15	41.32	56.00	-14.68	QP
10	1.1460	22.14	10.15	32.29	46.00	-13.71	AVG
11	1.4580	32.63	10.15	42.78	56.00	-13.22	QP
12	1.4580	20.47	10.15	30.62	46.00	-15.38	AVG

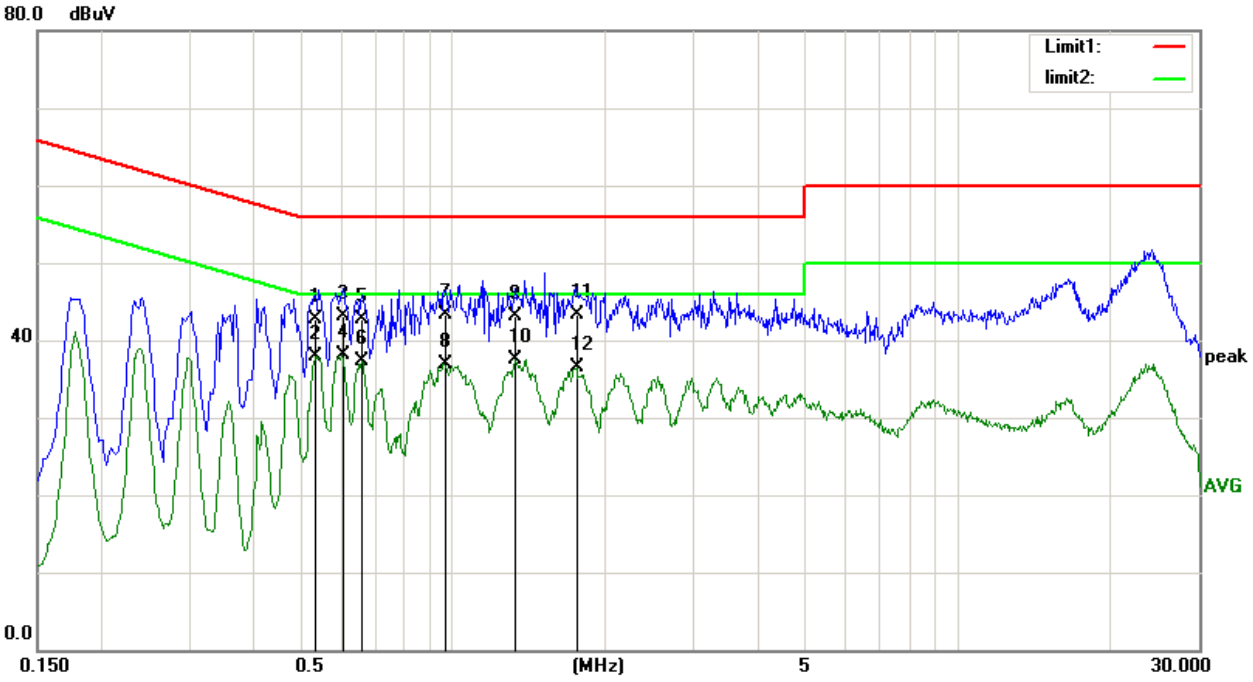
The test result is calculated as the following:

(1) Result = Reading + Correct Factor

(2) Correct Factor = (LISN, ISN, PLC or Current Probe) Factor + Cable Loss +Attenuator

(3) Margin = Result - Limit

EUT:	Power Supply/Travel Charger	Model No.:	P961-PQ320W-EU
Temperature:	24.6℃	Relative Humidity:	55%
Probe:	L1	Test Power:	AC 230V/50Hz
Test Time:	2022-03-07	Test Result:	Pass
Standard:	(CE)EN55032 Class B_QP	Test By:	Vic
Test Mode:	FULL LOAD		
Note:	PD+QC 5V/1.5A+5V/1.5A		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.5340	32.53	10.12	42.65	56.00	-13.35	QP
2	0.5340	27.86	10.12	37.98	46.00	-8.02	AVG
3	0.6020	33.02	10.13	43.15	56.00	-12.85	QP
4	0.6020	28.04	10.13	38.17	46.00	-7.83	AVG
5	0.6580	32.52	10.13	42.65	56.00	-13.35	QP
6	0.6580	27.16	10.13	37.29	46.00	-8.71	AVG
7	0.9620	33.11	10.15	43.26	56.00	-12.74	QP
8	0.9620	26.81	10.15	36.96	46.00	-9.04	AVG
9	1.3300	32.93	10.15	43.08	56.00	-12.92	QP
10	1.3300	27.28	10.15	37.43	46.00	-8.57	AVG
11	1.7540	33.10	10.16	43.26	56.00	-12.74	QP
12	1.7540	26.27	10.16	36.43	46.00	-9.57	AVG

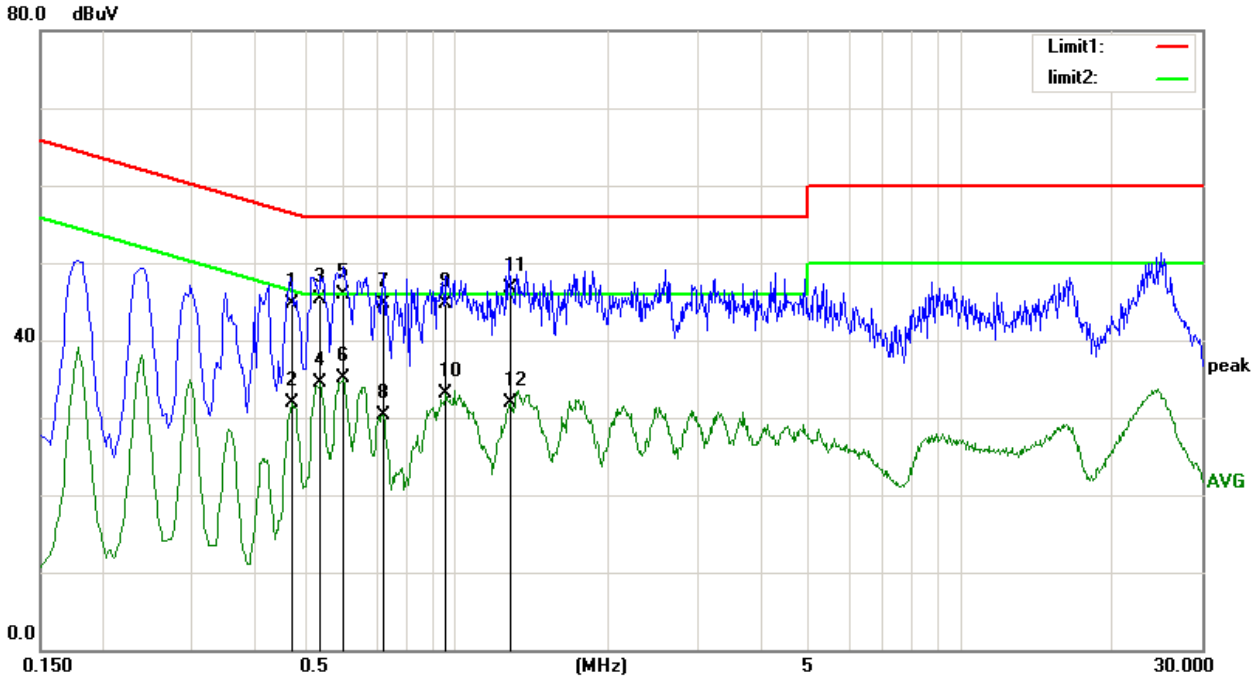
The test result is calculated as the following:

(1) Result = Reading + Correct Factor

(2) Correct Factor = (LISN, ISN, PLC or Current Probe) Factor + Cable Loss +Attenuator

(3) Margin = Result - Limit

EUT:	Power Supply/Travel Charger	Model No.:	P961-PQ320W-EU
Temperature:	24.6℃	Relative Humidity:	55%
Probe:	N	Test Power:	AC 230V/50Hz
Test Time:	2022-03-07	Test Result:	Pass
Standard:	(CE)EN55032 Class B_QP	Test By:	Vic
Test Mode:	FULL LOAD		
Note:	PD+QC 5V/1.5A+5V/1.5A		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.4740	34.53	10.12	44.65	56.44	-11.79	QP
2	0.4740	21.80	10.12	31.92	46.44	-14.52	AVG
3	0.5380	35.14	10.12	45.26	56.00	-10.74	QP
4	0.5380	24.33	10.12	34.45	46.00	-11.55	AVG
5	0.5980	35.74	10.13	45.87	56.00	-10.13	QP
6	0.5980	24.88	10.13	35.01	46.00	-10.99	AVG
7	0.7140	34.65	10.13	44.78	56.00	-11.22	QP
8	0.7140	20.21	10.13	30.34	46.00	-15.66	AVG
9	0.9580	34.50	10.15	44.65	56.00	-11.35	QP
10	0.9580	23.02	10.15	33.17	46.00	-12.83	AVG
11	1.2820	36.50	10.15	46.65	56.00	-9.35	QP
12	1.2820	21.71	10.15	31.86	46.00	-14.14	AVG

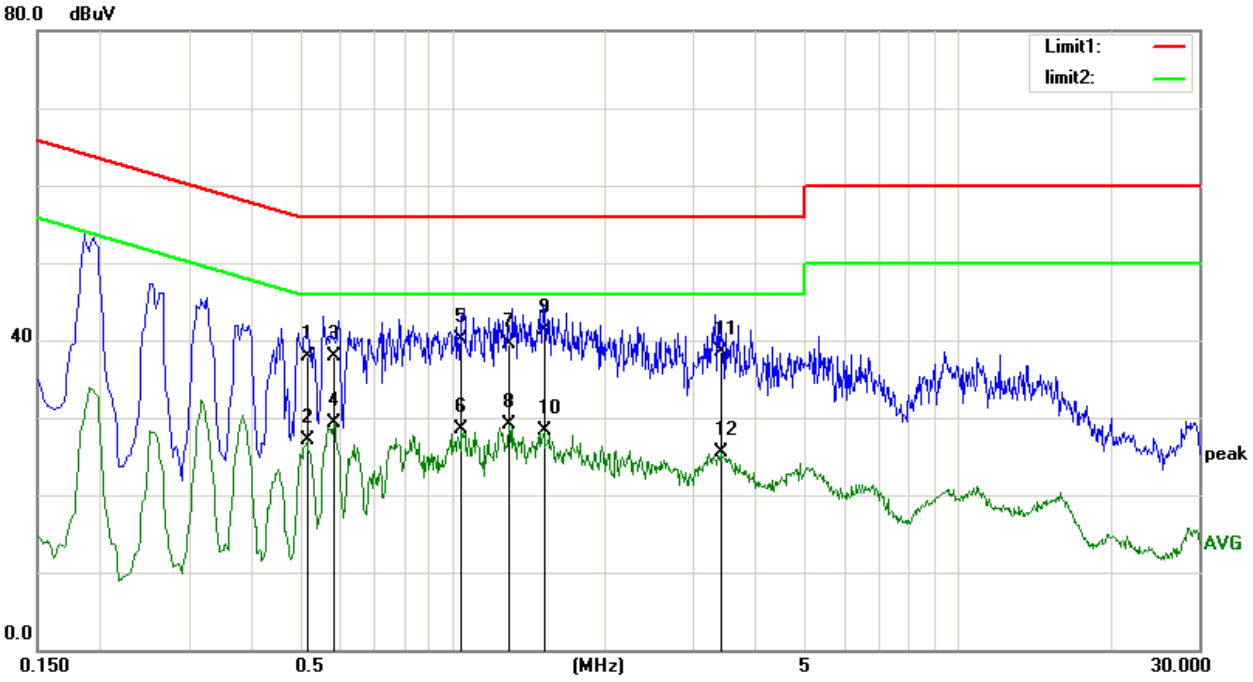
The test result is calculated as the following:

(1) Result = Reading + Correct Factor

(2) Correct Factor = (LISN, ISN, PLC or Current Probe) Factor + Cable Loss +Attenuator

(3) Margin = Result - Limit

EUT:	Power Supply/Travel Charger	Model No.:	P961-PQ320W-EU
Temperature:	24.6℃	Relative Humidity:	55%
Probe:	N	Test Power:	AC 110V/60Hz
Test Time:	2022-03-07	Test Result:	Pass
Standard:	(CE)EN55032 Class B_QP	Test By:	Vic
Test Mode:	FULL LOAD		
Note:	PD+QC 5V/1.5A+5V/1.5A		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.5140	27.73	10.12	37.85	56.00	-18.15	QP
2	0.5140	17.03	10.12	27.15	46.00	-18.85	AVG
3	0.5820	27.83	10.12	37.95	56.00	-18.05	QP
4	0.5820	19.26	10.12	29.38	46.00	-16.62	AVG
5	1.0420	30.01	10.15	40.16	56.00	-15.84	QP
6	1.0420	18.34	10.15	28.49	46.00	-17.51	AVG
7	1.2940	29.33	10.15	39.48	56.00	-16.52	QP
8	1.2940	18.88	10.15	29.03	46.00	-16.97	AVG
9	1.5180	31.20	10.16	41.36	56.00	-14.64	QP
10	1.5180	18.16	10.16	28.32	46.00	-17.68	AVG
11	3.3860	28.40	10.17	38.57	56.00	-17.43	QP
12	3.3860	15.30	10.17	25.47	46.00	-20.53	AVG

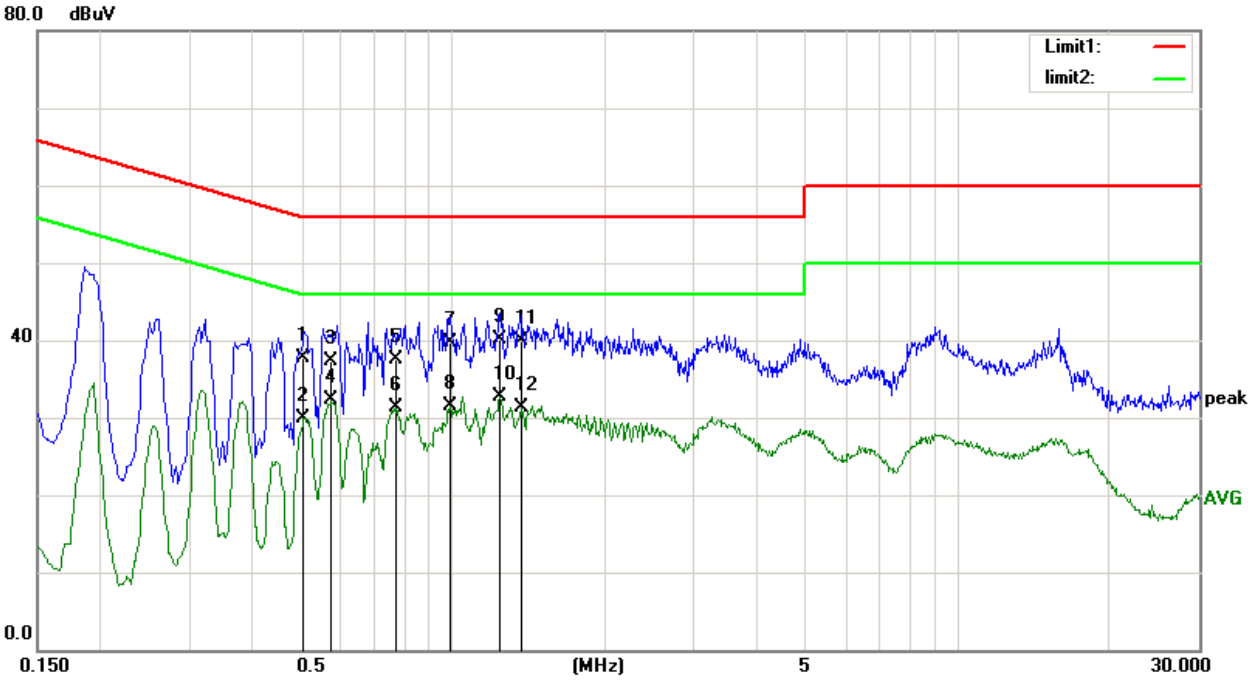
The test result is calculated as the following:

(1) Result = Reading + Correct Factor

(2) Correct Factor = (LISN, ISN, PLC or Current Probe) Factor + Cable Loss +Attenuator

(3) Margin = Result - Limit

EUT:	Power Supply/Travel Charger	Model No.:	P961-PQ320W-EU
Temperature:	24.6℃	Relative Humidity:	55%
Probe:	L1	Test Power:	AC 110V/60Hz
Test Time:	2022-03-07	Test Result:	Pass
Standard:	(CE)EN55032 Class B_QP	Test By:	Vic
Test Mode:	FULL LOAD		
Note:	PD+QC 5V/1.5A+5V/1.5A		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.5060	27.53	10.12	37.65	56.00	-18.35	QP
2	0.5060	19.85	10.12	29.97	46.00	-16.03	AVG
3	0.5740	27.14	10.12	37.26	56.00	-18.74	QP
4	0.5740	22.10	10.12	32.22	46.00	-13.78	AVG
5	0.7740	27.31	10.14	37.45	56.00	-18.55	QP
6	0.7740	21.07	10.14	31.21	46.00	-14.79	AVG
7	0.9860	29.49	10.15	39.64	56.00	-16.36	QP
8	0.9860	21.35	10.15	31.50	46.00	-14.50	AVG
9	1.2380	30.00	10.15	40.15	56.00	-15.85	QP
10	1.2380	22.50	10.15	32.65	46.00	-13.35	AVG
11	1.3660	29.74	10.15	39.89	56.00	-16.11	QP
12	1.3660	21.06	10.15	31.21	46.00	-14.79	AVG

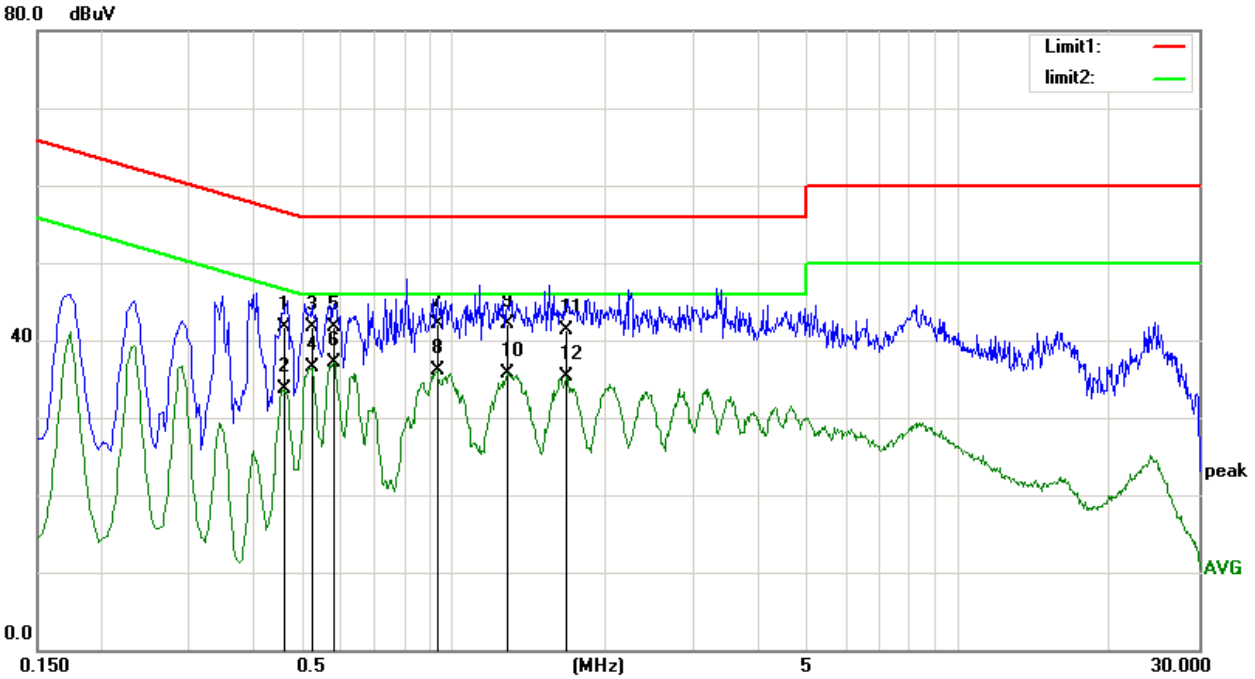
The test result is calculated as the following:

(1) Result = Reading + Correct Factor

(2) Correct Factor = (LISN, ISN, PLC or Current Probe) Factor + Cable Loss +Attenuator

(3) Margin = Result - Limit

EUT:	Power Supply/Travel Charger	Model No.:	P961-PQ320W-EU
Temperature:	24.6℃	Relative Humidity:	55%
Probe:	L1	Test Power:	AC 230V/50Hz
Test Time:	2022-03-07	Test Result:	Pass
Standard:	(CE)EN55032 Class B_QP	Test By:	Vic
Test Mode:	FULL LOAD		
Note:	QC 5V/3A		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.4620	31.45	10.33	41.78	56.66	-14.88	QP
2	0.4620	23.32	10.33	33.65	46.66	-13.01	AVG
3	0.5260	31.40	10.28	41.68	56.00	-14.32	QP
4	0.5260	26.15	10.28	36.43	46.00	-9.57	AVG
5	0.5819	31.38	10.27	41.65	56.00	-14.35	QP
6	0.5819	26.93	10.27	37.20	46.00	-8.80	AVG
7	0.9300	31.93	10.22	42.15	56.00	-13.85	QP
8	0.9300	25.96	10.22	36.18	46.00	-9.82	AVG
9	1.2860	31.80	10.21	42.01	56.00	-13.99	QP
10	1.2860	25.57	10.21	35.78	46.00	-10.22	AVG
11	1.6779	31.01	10.22	41.23	56.00	-14.77	QP
12	1.6779	25.03	10.22	35.25	46.00	-10.75	AVG

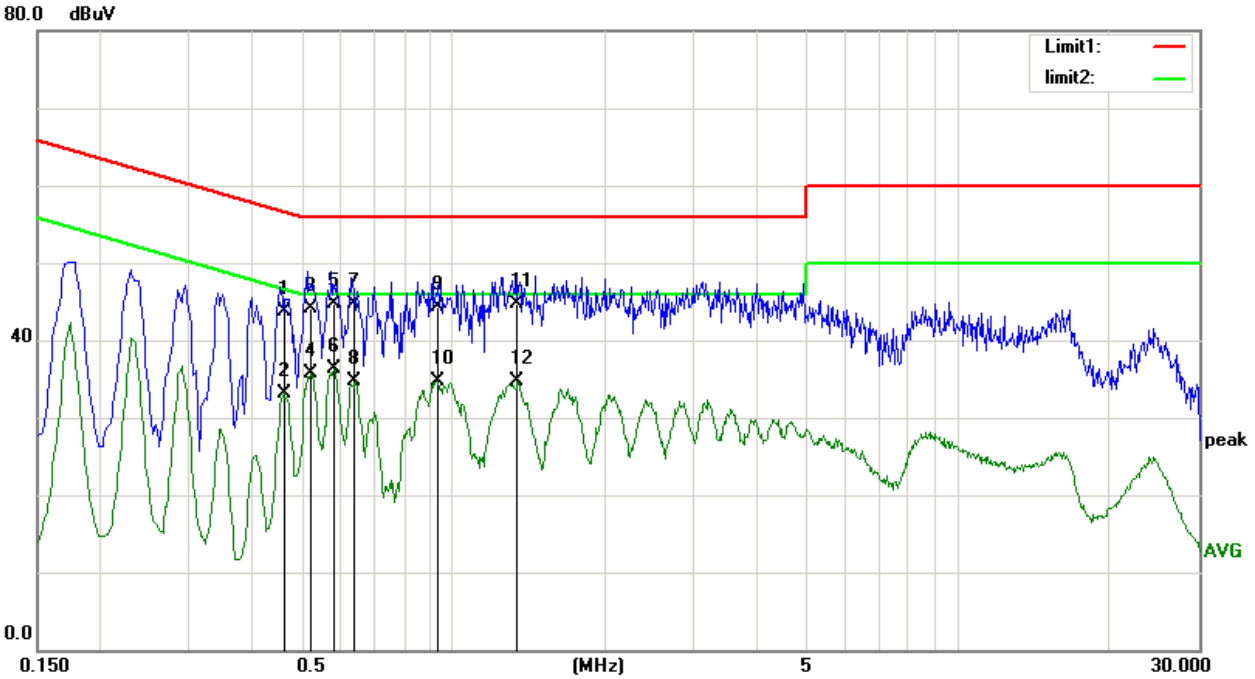
The test result is calculated as the following:

(1) Result = Reading + Correct Factor

(2) Correct Factor = (LISN, ISN, PLC or Current Probe) Factor + Cable Loss +Attenuator

(3) Margin = Result - Limit

EUT:	Power Supply/Travel Charger	Model No.:	P961-PQ320W-EU
Temperature:	24.6℃	Relative Humidity:	55%
Probe:	N	Test Power:	AC 230V/50Hz
Test Time:	2022-03-07	Test Result:	Pass
Standard:	(CE)EN55032 Class B_QP	Test By:	Vic
Test Mode:	FULL LOAD		
Note:	QC 5V/3A		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.4620	33.42	10.33	43.75	56.66	-12.91	QP
2	0.4620	22.87	10.33	33.20	46.66	-13.46	AVG
3	0.5220	33.88	10.28	44.16	56.00	-11.84	QP
4	0.5220	25.33	10.28	35.61	46.00	-10.39	AVG
5	0.5819	34.38	10.27	44.65	56.00	-11.35	QP
6	0.5819	25.94	10.27	36.21	46.00	-9.79	AVG
7	0.6419	34.42	10.26	44.68	56.00	-11.32	QP
8	0.6419	24.51	10.26	34.77	46.00	-11.23	AVG
9	0.9300	34.04	10.22	44.26	56.00	-11.74	QP
10	0.9300	24.55	10.22	34.77	46.00	-11.23	AVG
11	1.3420	34.55	10.21	44.76	56.00	-11.24	QP
12	1.3420	24.43	10.21	34.64	46.00	-11.36	AVG

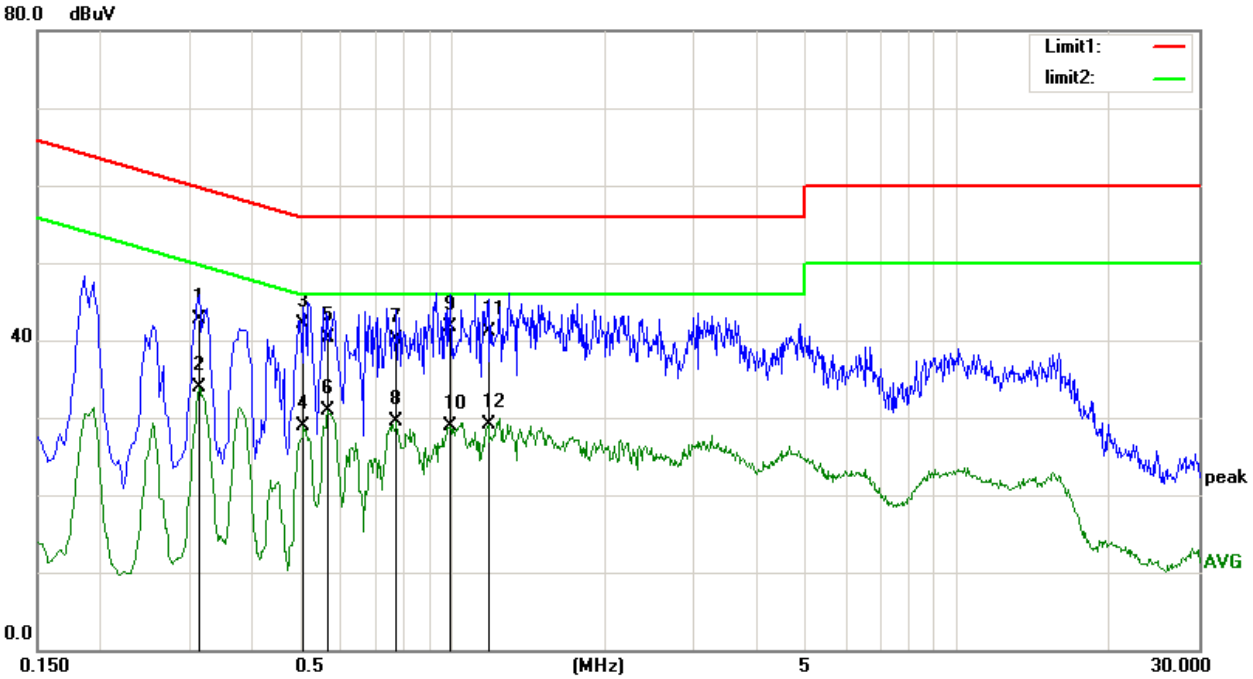
The test result is calculated as the following:

(1) Result = Reading + Correct Factor

(2) Correct Factor = (LISN, ISN, PLC or Current Probe) Factor + Cable Loss +Attenuator

(3) Margin = Result - Limit

EUT:	Power Supply/Travel Charger	Model No.:	P961-PQ320W-EU
Temperature:	24.6℃	Relative Humidity:	55%
Probe:	N	Test Power:	AC 110V/60Hz
Test Time:	2022-03-07	Test Result:	Pass
Standard:	(CE)EN55032 Class B_QP	Test By:	Vic
Test Mode:	FULL LOAD		
Note:	QC 5V/3A		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.3140	32.15	10.50	42.65	59.86	-17.21	QP
2	0.3140	23.42	10.50	33.92	49.86	-15.94	AVG
3	0.5060	31.87	10.29	42.16	56.00	-13.84	QP
4	0.5060	18.53	10.29	28.82	46.00	-17.18	AVG
5	0.5658	30.09	10.27	40.36	56.00	-15.64	QP
6	0.5658	20.63	10.27	30.90	46.00	-15.10	AVG
7	0.7740	29.90	10.23	40.13	56.00	-15.87	QP
8	0.7740	19.18	10.23	29.41	46.00	-16.59	AVG
9	0.9858	31.47	10.21	41.68	56.00	-14.32	QP
10	0.9858	18.62	10.21	28.83	46.00	-17.17	AVG
11	1.1778	30.82	10.21	41.03	56.00	-14.97	QP
12	1.1778	18.95	10.21	29.16	46.00	-16.84	AVG

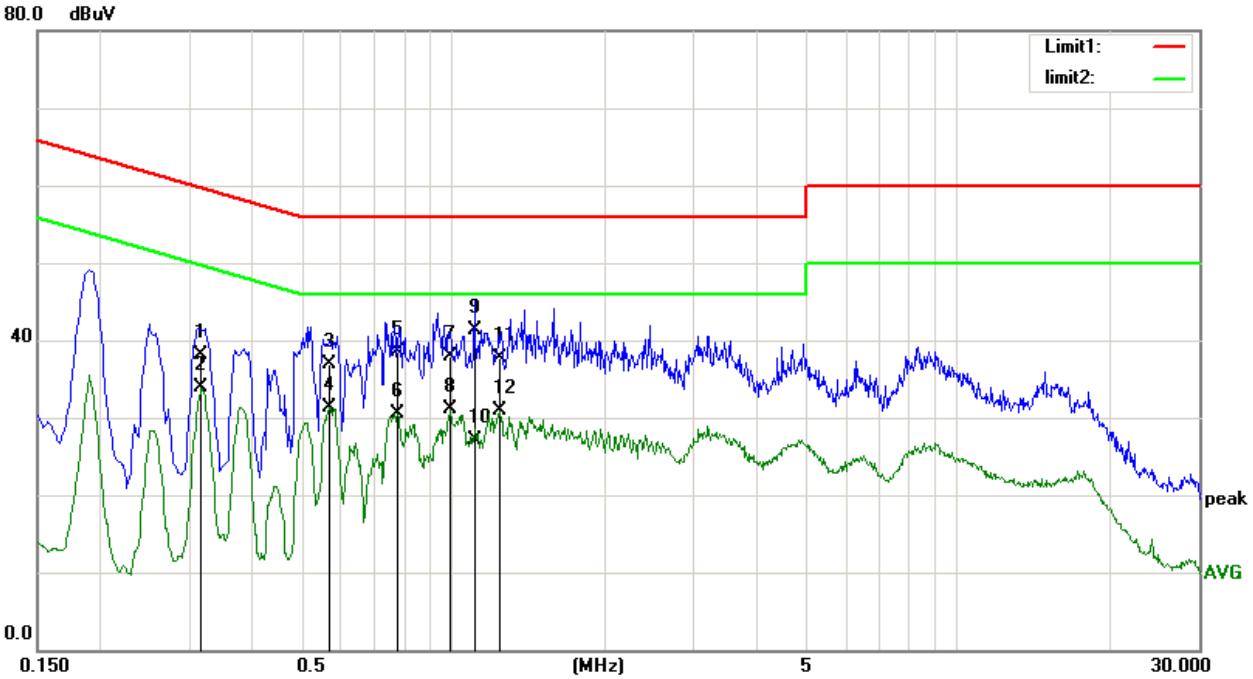
The test result is calculated as the following:

(1) Result = Reading + Correct Factor

(2) Correct Factor = (LISN, ISN, PLC or Current Probe) Factor + Cable Loss +Attenuator

(3) Margin = Result - Limit

EUT:	Power Supply/Travel Charger	Model No.:	P961-PQ320W-EU
Temperature:	24.6℃	Relative Humidity:	55%
Probe:	L1	Test Power:	AC 110V/60Hz
Test Time:	2022-03-07	Test Result:	Pass
Standard:	(CE)EN55032 Class B_QP	Test By:	Vic
Test Mode:	FULL LOAD		
Note:	QC 5V/3A		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.3180	27.65	10.50	38.15	59.76	-21.61	QP
2	0.3180	23.34	10.50	33.84	49.76	-15.92	AVG
3	0.5698	26.62	10.27	36.89	56.00	-19.11	QP
4	0.5698	21.03	10.27	31.30	46.00	-14.70	AVG
5	0.7780	28.22	10.23	38.45	56.00	-17.55	QP
6	0.7780	20.30	10.23	30.53	46.00	-15.47	AVG
7	0.9858	27.63	10.21	37.84	56.00	-18.16	QP
8	0.9858	20.80	10.21	31.01	46.00	-14.99	AVG
9	1.1019	31.02	10.21	41.23	56.00	-14.77	QP
10	1.1019	16.91	10.21	27.12	46.00	-18.88	AVG
11	1.2379	27.58	10.21	37.79	56.00	-18.21	QP
12	1.2379	20.71	10.21	30.92	46.00	-15.08	AVG

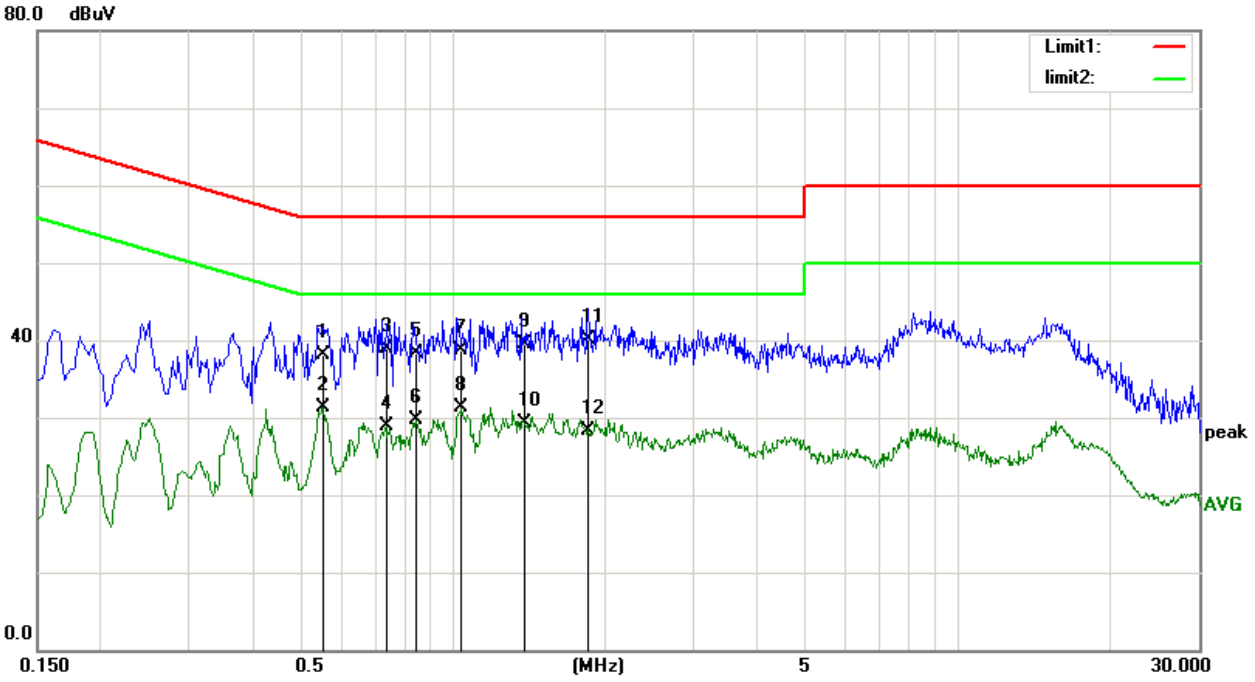
The test result is calculated as the following:

(1) Result = Reading + Correct Factor

(2) Correct Factor = (LISN, ISN, PLC or Current Probe) Factor + Cable Loss +Attenuator

(3) Margin = Result - Limit

EUT:	Power Supply/Travel Charger	Model No.:	P961-PQ320W-EU
Temperature:	24.6℃	Relative Humidity:	55%
Probe:	L1	Test Power:	AC 230V/50Hz
Test Time:	2022-03-07	Test Result:	Pass
Standard:	(CE)EN55032 Class B_QP	Test By:	Vic
Test Mode:	FULL LOAD		
Note:	QC 9V/2A		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.5540	27.89	10.27	38.16	56.00	-17.84	QP
2	0.5540	21.06	10.27	31.33	46.00	-14.67	AVG
3	0.7378	28.72	10.23	38.95	56.00	-17.05	QP
4	0.7378	18.74	10.23	28.97	46.00	-17.03	AVG
5	0.8458	28.12	10.22	38.34	56.00	-17.66	QP
6	0.8458	19.48	10.22	29.70	46.00	-16.30	AVG
7	1.0380	28.44	10.21	38.65	56.00	-17.35	QP
8	1.0380	21.06	10.21	31.27	46.00	-14.73	AVG
9	1.3778	29.27	10.21	39.48	56.00	-16.52	QP
10	1.3778	19.05	10.21	29.26	46.00	-16.74	AVG
11	1.8500	29.93	10.22	40.15	56.00	-15.85	QP
12	1.8500	18.13	10.22	28.35	46.00	-17.65	AVG

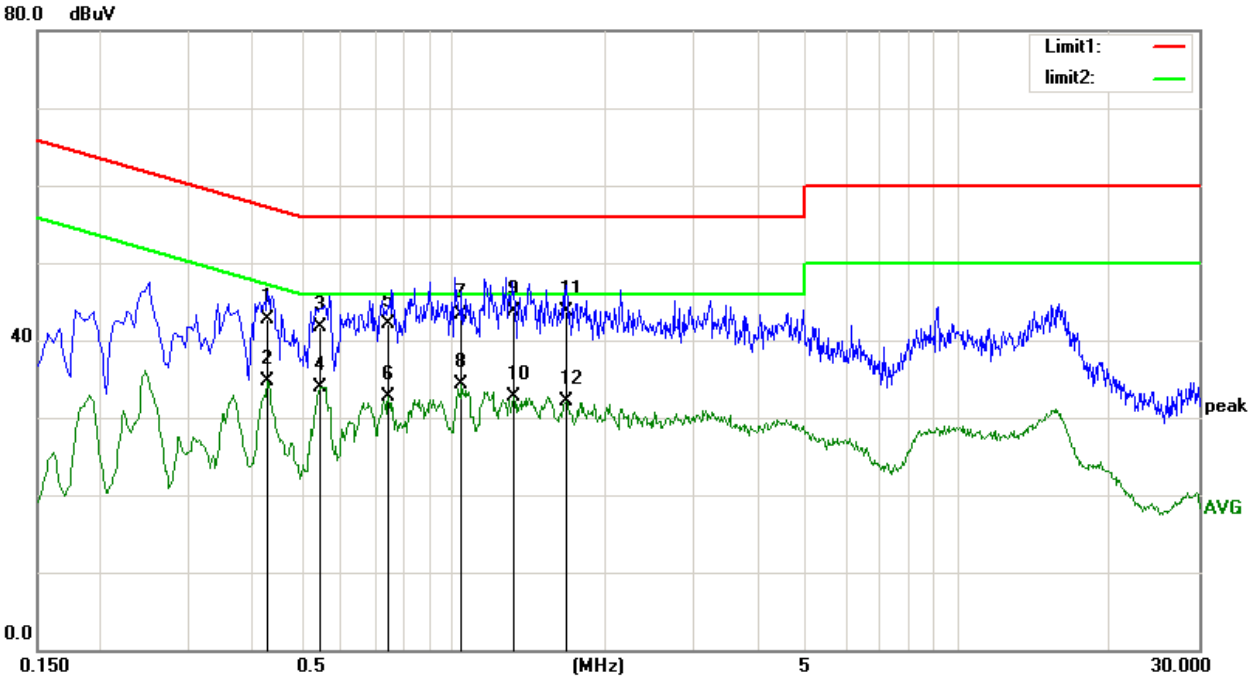
The test result is calculated as the following:

(1) Result = Reading + Correct Factor

(2) Correct Factor = (LISN, ISN, PLC or Current Probe) Factor + Cable Loss +Attenuator

(3) Margin = Result - Limit

EUT:	Power Supply/Travel Charger	Model No.:	P961-PQ320W-EU
Temperature:	24.6℃	Relative Humidity:	55%
Probe:	N	Test Power:	AC 230V/50Hz
Test Time:	2022-03-07	Test Result:	Pass
Standard:	(CE)EN55032 Class B_QP	Test By:	Vic
Test Mode:	FULL LOAD		
Note:	QC 9V/2A		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.4299	32.28	10.37	42.65	57.25	-14.60	QP
2	0.4299	24.38	10.37	34.75	47.25	-12.50	AVG
3	0.5460	31.47	10.28	41.75	56.00	-14.25	QP
4	0.5460	23.70	10.28	33.98	46.00	-12.02	AVG
5	0.7459	31.92	10.23	42.15	56.00	-13.85	QP
6	0.7459	22.42	10.23	32.65	46.00	-13.35	AVG
7	1.0380	33.00	10.21	43.21	56.00	-12.79	QP
8	1.0380	24.14	10.21	34.35	46.00	-11.65	AVG
9	1.3220	33.47	10.21	43.68	56.00	-12.32	QP
10	1.3220	22.58	10.21	32.79	46.00	-13.21	AVG
11	1.6737	33.53	10.22	43.75	56.00	-12.25	QP
12	1.6737	21.83	10.22	32.05	46.00	-13.95	AVG

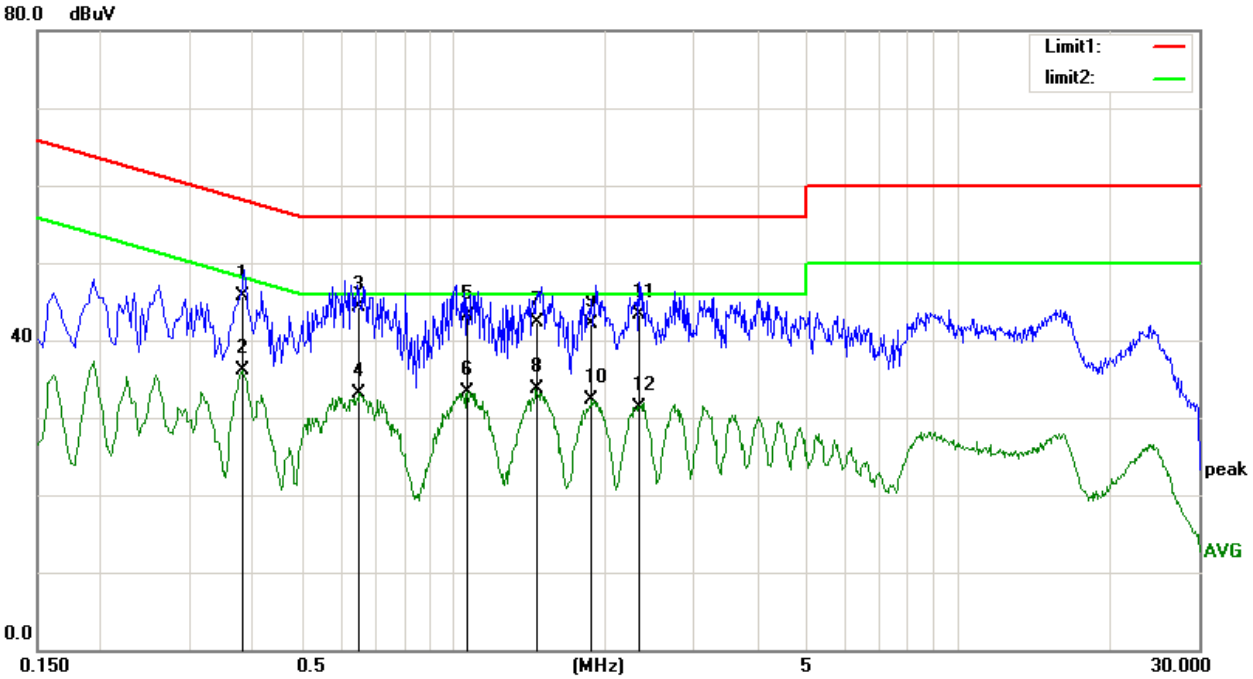
The test result is calculated as the following:

(1) Result = Reading + Correct Factor

(2) Correct Factor = (LISN, ISN, PLC or Current Probe) Factor + Cable Loss +Attenuator

(3) Margin = Result - Limit

EUT:	Power Supply/Travel Charger	Model No.:	P961-PQ320W-EU
Temperature:	24.6℃	Relative Humidity:	55%
Probe:	N	Test Power:	AC 110V/60Hz
Test Time:	2022-03-07	Test Result:	Pass
Standard:	(CE)EN55032 Class B_QP	Test By:	Vic
Test Mode:	FULL LOAD		
Note:	QC 9V/2A		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.3820	35.34	10.42	45.76	58.23	-12.47	QP
2	0.3820	25.67	10.42	36.09	48.23	-12.14	AVG
3	0.6540	34.01	10.25	44.26	56.00	-11.74	QP
4	0.6540	22.78	10.25	33.03	46.00	-12.97	AVG
5	1.0700	32.94	10.21	43.15	56.00	-12.85	QP
6	1.0700	23.15	10.21	33.36	46.00	-12.64	AVG
7	1.4578	32.05	10.21	42.26	56.00	-13.74	QP
8	1.4578	23.40	10.21	33.61	46.00	-12.39	AVG
9	1.8778	31.93	10.22	42.15	56.00	-13.85	QP
10	1.8778	22.11	10.22	32.33	46.00	-13.67	AVG
11	2.3420	33.06	10.22	43.28	56.00	-12.72	QP
12	2.3420	21.04	10.22	31.26	46.00	-14.74	AVG

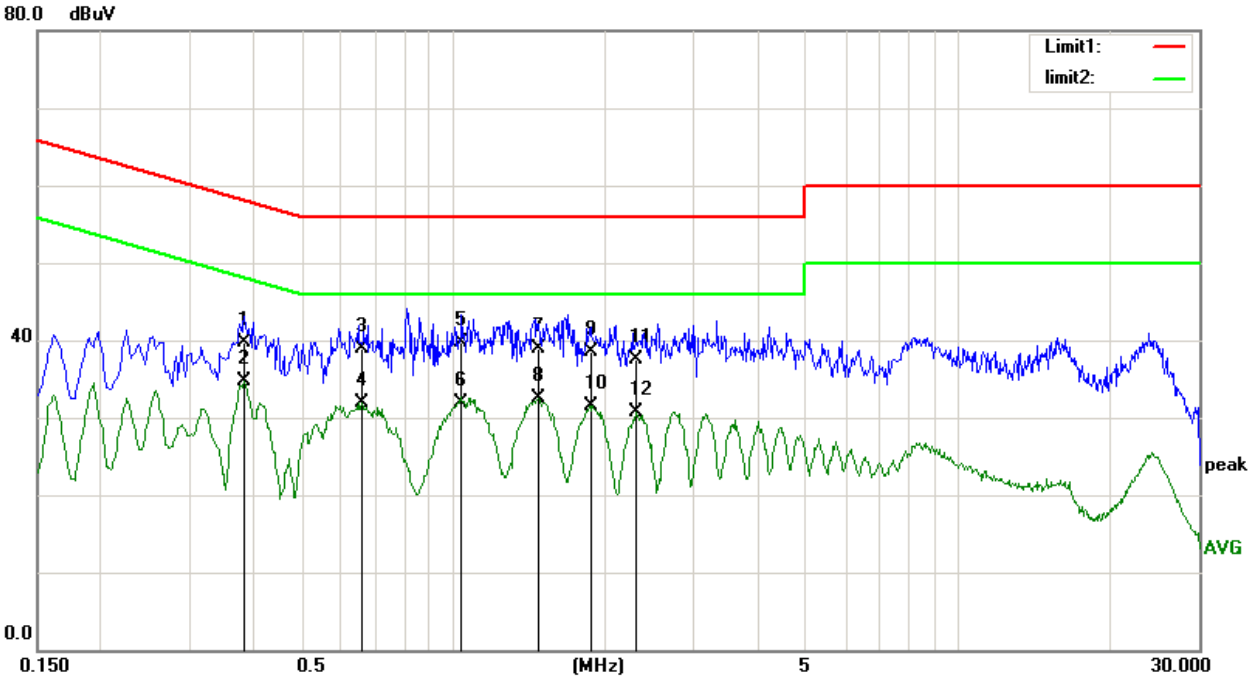
The test result is calculated as the following:

(1) Result = Reading + Correct Factor

(2) Correct Factor = (LISN, ISN, PLC or Current Probe) Factor + Cable Loss +Attenuator

(3) Margin = Result - Limit

EUT:	Power Supply/Travel Charger	Model No.:	P961-PQ320W-EU
Temperature:	24.6℃	Relative Humidity:	55%
Probe:	L1	Test Power:	AC 110V/60Hz
Test Time:	2022-03-07	Test Result:	Pass
Standard:	(CE)EN55032 Class B_QP	Test By:	Vic
Test Mode:	FULL LOAD		
Note:	QC 9V/2A		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.3860	29.26	10.42	39.68	58.15	-18.47	QP
2	0.3860	24.35	10.42	34.77	48.15	-13.38	AVG
3	0.6580	28.70	10.25	38.95	56.00	-17.05	QP
4	0.6580	21.67	10.25	31.92	46.00	-14.08	AVG
5	1.0339	29.44	10.21	39.65	56.00	-16.35	QP
6	1.0339	21.65	10.21	31.86	46.00	-14.14	AVG
7	1.4778	28.75	10.21	38.96	56.00	-17.04	QP
8	1.4778	22.38	10.21	32.59	46.00	-13.41	AVG
9	1.8740	28.21	10.22	38.43	56.00	-17.57	QP
10	1.8740	21.34	10.22	31.56	46.00	-14.44	AVG
11	2.3060	27.20	10.22	37.42	56.00	-18.58	QP
12	2.3060	20.58	10.22	30.80	46.00	-15.20	AVG

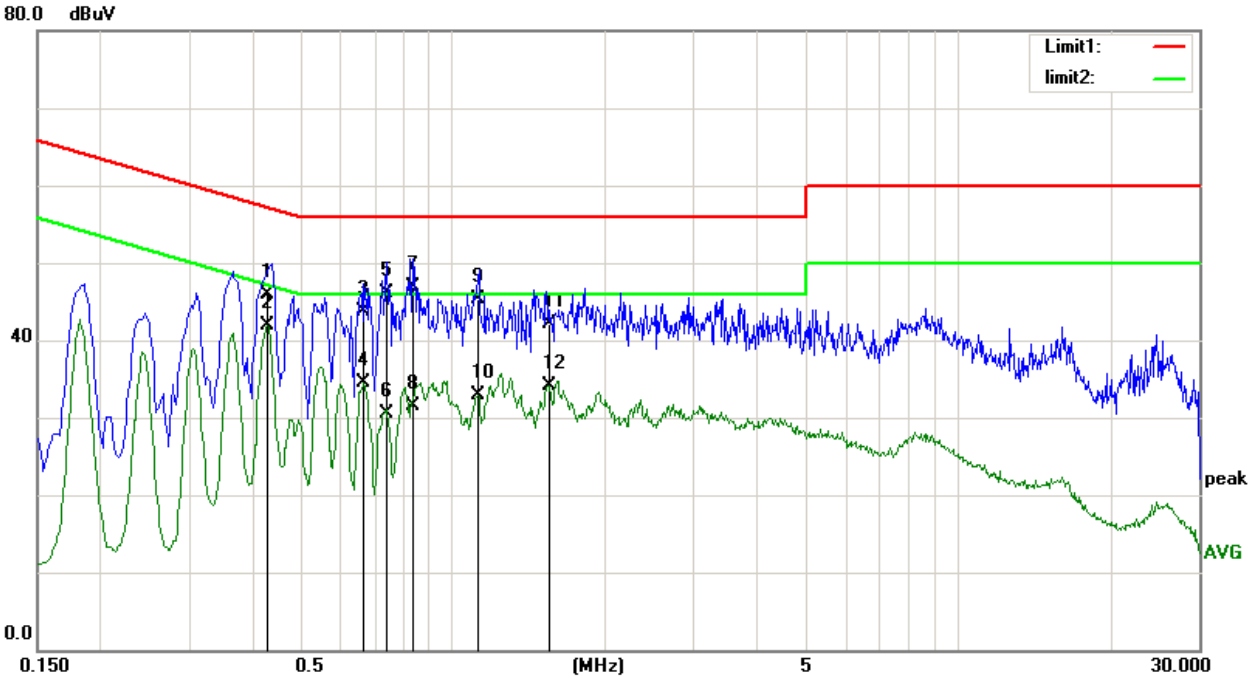
The test result is calculated as the following:

(1) Result = Reading + Correct Factor

(2) Correct Factor = (LISN, ISN, PLC or Current Probe) Factor + Cable Loss +Attenuator

(3) Margin = Result - Limit

EUT:	Power Supply/Travel Charger	Model No.:	P961-PQ320W-EU
Temperature:	24.6℃	Relative Humidity:	55%
Probe:	L1	Test Power:	AC 230V/50Hz
Test Time:	2022-03-07	Test Result:	Pass
Standard:	(CE)EN55032 Class B_QP	Test By:	Vic
Test Mode:	FULL LOAD		
Note:	QC 12V/1.5A		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.4299	35.49	10.37	45.86	57.25	-11.39	QP
2	0.4299	31.56	10.37	41.93	47.25	-5.32	AVG
3	0.6660	33.40	10.25	43.65	56.00	-12.35	QP
4	0.6660	24.17	10.25	34.42	46.00	-11.58	AVG
5	0.7378	35.92	10.23	46.15	56.00	-9.85	QP
6	0.7378	20.34	10.23	30.57	46.00	-15.43	AVG
7	0.8336	36.64	10.22	46.86	56.00	-9.14	QP
8	0.8336	21.38	10.22	31.60	46.00	-14.40	AVG
9	1.1180	35.05	10.21	45.26	56.00	-10.74	QP
10	1.1180	22.64	10.21	32.85	46.00	-13.15	AVG
11	1.5540	31.93	10.22	42.15	56.00	-13.85	QP
12	1.5540	23.94	10.22	34.16	46.00	-11.84	AVG

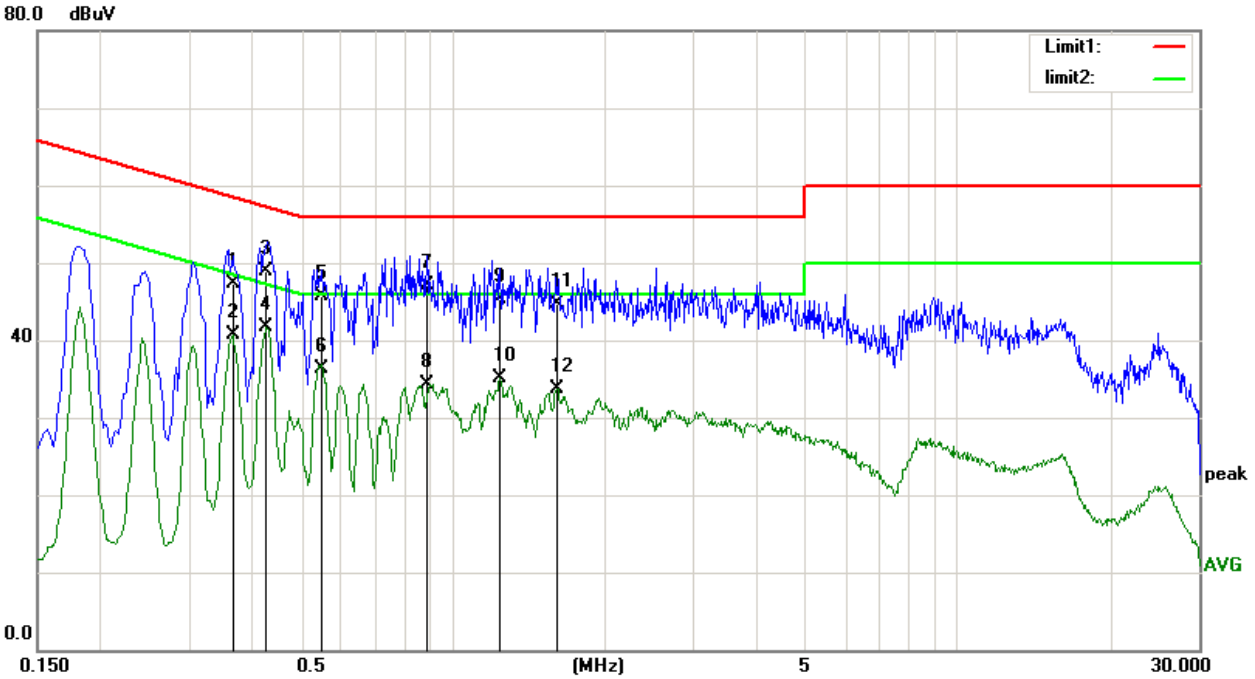
The test result is calculated as the following:

(1) Result = Reading + Correct Factor

(2) Correct Factor = (LISN, ISN, PLC or Current Probe) Factor + Cable Loss +Attenuator

(3) Margin = Result - Limit

EUT:	Power Supply/Travel Charger	Model No.:	P961-PQ320W-EU
Temperature:	24.6℃	Relative Humidity:	55%
Probe:	N	Test Power:	AC 230V/50Hz
Test Time:	2022-03-07	Test Result:	Pass
Standard:	(CE)EN55032 Class B_QP	Test By:	Vic
Test Mode:	FULL LOAD		
Note:	QC 12V/1.5A		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.3659	36.82	10.44	47.26	58.59	-11.33	QP
2	0.3659	30.19	10.44	40.63	48.59	-7.96	AVG
3	0.4259	38.57	10.38	48.95	57.33	-8.38	QP
4	0.4259	31.28	10.38	41.66	47.33	-5.67	AVG
5	0.5500	35.41	10.27	45.68	56.00	-10.32	QP
6	0.5500	25.98	10.27	36.25	46.00	-9.75	AVG
7	0.8860	36.94	10.21	47.15	56.00	-8.85	QP
8	0.8860	24.12	10.21	34.33	46.00	-11.67	AVG
9	1.2379	35.05	10.21	45.26	56.00	-10.74	QP
10	1.2379	24.88	10.21	35.09	46.00	-10.91	AVG
11	1.6060	34.43	10.22	44.65	56.00	-11.35	QP
12	1.6060	23.49	10.22	33.71	46.00	-12.29	AVG

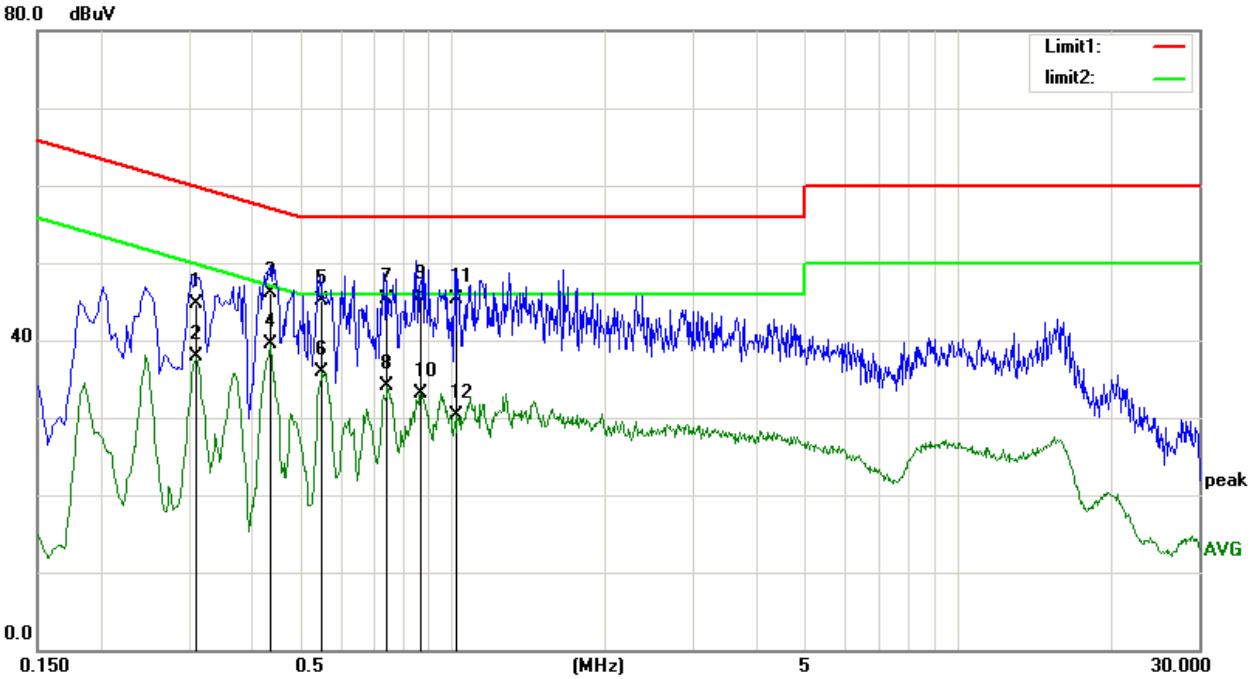
The test result is calculated as the following:

(1) Result = Reading + Correct Factor

(2) Correct Factor = (LISN, ISN, PLC or Current Probe) Factor + Cable Loss +Attenuator

(3) Margin = Result - Limit

EUT:	Power Supply/Travel Charger	Model No.:	P961-PQ320W-EU
Temperature:	24.6℃	Relative Humidity:	55%
Probe:	N	Test Power:	AC 110V/60Hz
Test Time:	2022-03-07	Test Result:	Pass
Standard:	(CE)EN55032 Class B_QP	Test By:	Vic
Test Mode:	FULL LOAD		
Note:	QC 12V/1.5A		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.3099	34.17	10.51	44.68	59.97	-15.29	QP
2	0.3099	27.42	10.51	37.93	49.97	-12.04	AVG
3	0.4339	35.78	10.37	46.15	57.18	-11.03	QP
4	0.4339	29.09	10.37	39.46	47.18	-7.72	AVG
5	0.5500	34.75	10.27	45.02	56.00	-10.98	QP
6	0.5500	25.64	10.27	35.91	46.00	-10.09	AVG
7	0.7419	35.03	10.23	45.26	56.00	-10.74	QP
8	0.7419	23.85	10.23	34.08	46.00	-11.92	AVG
9	0.8659	35.47	10.21	45.68	56.00	-10.32	QP
10	0.8659	22.82	10.21	33.03	46.00	-12.97	AVG
11	1.0180	35.05	10.21	45.26	56.00	-10.74	QP
12	1.0180	20.17	10.21	30.38	46.00	-15.62	AVG

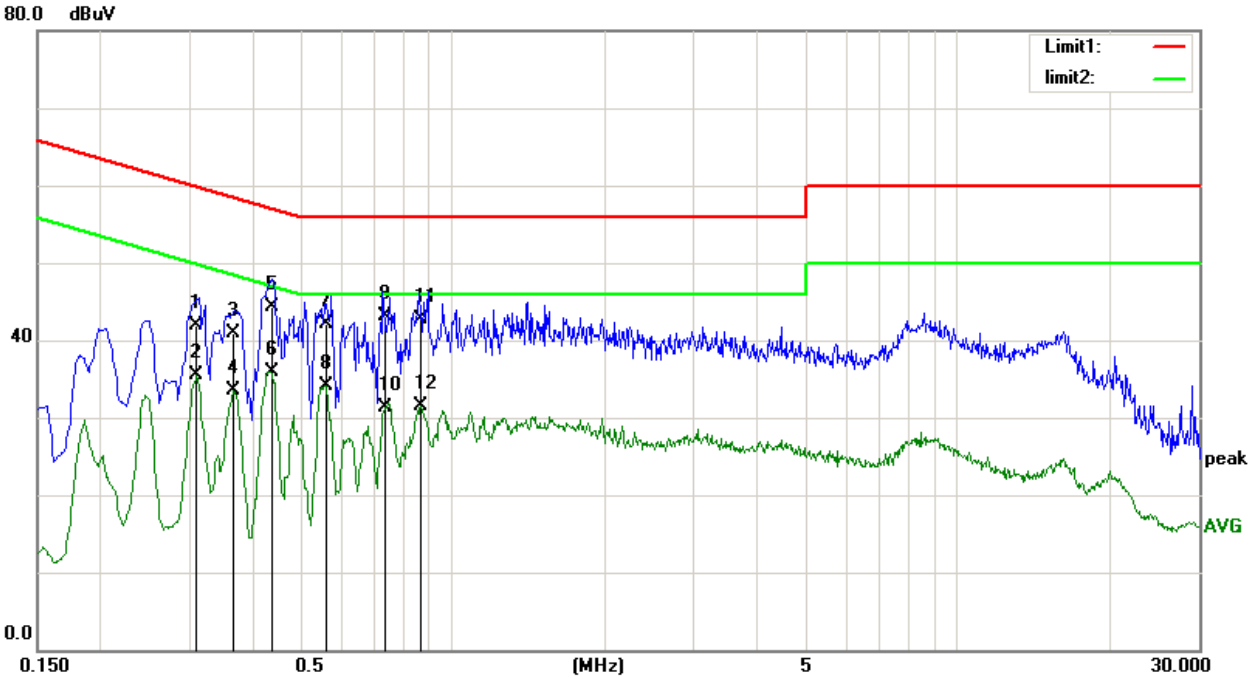
The test result is calculated as the following:

(1) Result = Reading + Correct Factor

(2) Correct Factor = (LISN, ISN, PLC or Current Probe) Factor + Cable Loss +Attenuator

(3) Margin = Result - Limit

EUT:	Power Supply/Travel Charger	Model No.:	P961-PQ320W-EU
Temperature:	24.6℃	Relative Humidity:	55%
Probe:	L1	Test Power:	AC 110V/60Hz
Test Time:	2022-03-07	Test Result:	Pass
Standard:	(CE)EN55032 Class B_QP	Test By:	Vic
Test Mode:	FULL LOAD		
Note:	QC 12V/1.5A		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.3099	31.36	10.51	41.87	59.97	-18.10	QP
2	0.3099	25.08	10.51	35.59	49.97	-14.38	AVG
3	0.3659	30.43	10.44	40.87	58.59	-17.72	QP
4	0.3659	23.10	10.44	33.54	48.59	-15.05	AVG
5	0.4380	33.89	10.36	44.25	57.10	-12.85	QP
6	0.4380	25.52	10.36	35.88	47.10	-11.22	AVG
7	0.5620	31.88	10.27	42.15	56.00	-13.85	QP
8	0.5620	23.80	10.27	34.07	46.00	-11.93	AVG
9	0.7378	32.94	10.23	43.17	56.00	-12.83	QP
10	0.7378	21.17	10.23	31.40	46.00	-14.60	AVG
11	0.8659	32.51	10.21	42.72	56.00	-13.28	QP
12	0.8659	21.25	10.21	31.46	46.00	-14.54	AVG

The test result is calculated as the following:

(1) Result = Reading + Correct Factor

(2) Correct Factor = (LISN, ISN, PLC or Current Probe) Factor + Cable Loss +Attenuator

(3) Margin = Result - Limit

3.2 RADIATED EMISSION MEASUREMENT

3.2.1 LIMITS OF RADIATED EMISSION MEASUREMENT

Requirements for radiated emissions at frequencies up to 1 GHz for class B equipment

Frequency range (MHz)	Facility	Distance (m)	Detector type / bandwidth	Class B limits dB(mV/m)
30 – 230	OATS/SAC	3	Quasi Peak / 120 kHz	40
230 – 1000				47

Requirements for radiated emissions at frequencies above 1 GHz for class B equipment

Frequency range (MHz)	Facility	Distance (m)	Detector type/ bandwidth	Class B limits dB(mV/m)
1000 – 3000	FSOATS	3	Average/ 1 MHz	50
3000 – 6000				54
1000 – 3000			Peak/ 1 MHz	70
3000 – 6000				74
An FSOATS may be a SAC/OATS with RF absorber on the RGP or a FAR.				

Requirements for radiated emissions from FM receivers

Frequency range (MHz)	Facility	Distance (m)	Detector type / bandwidth	Class B limits dB(mV/m)
30 – 230	OATS/SAC	3	Quasi Peak / 120 kHz	52
230 – 300				52
300 – 1000				56

Notes:

(1) The limit for radiated test was performed according to as following: EN55032.

(2) The tighter limit applies at the band edges.

(3) Emission level (dBuV/m)=20log Emission level (uV/m).

(4) The higest internal source of the EUT is less than108 MHz,the measurement shall only be Made up to 1GHz.

3.2.2 MEASUREMENT INSTRUMENTS LIST

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Log-Bicon Antenna	SCHWARZBECK	VULB9168	VULB9168-192	08/05/2022
2	Pre-Amplifier	HP	8447F	3113A05680	12/19/2022
3	EMI Test Receiver	R&S	ESCI	101307	12/18/2022
4	Spectrum Analyzer	Agilent	E4407B	US40240708	11/16/2022
5	Horn Antenna	Schwarzbeck	BBHA 9120D	BBHA 9120D 1065	05/07/2022
6	Pre-Amplifier	CY	EMC011830	980136	04/19/2022
7	Turn Table	UC	UC3000	N/A	N/A
8	Antenna Mast	UC	UC3000	N/A	N/A
9	Measurement Software	Farad	EZ-EMC (Ver.ATT-03A)	N/A	N/A

Remark: ” N/A” denotes No Model No. / Serial No. and No Calibration specified.

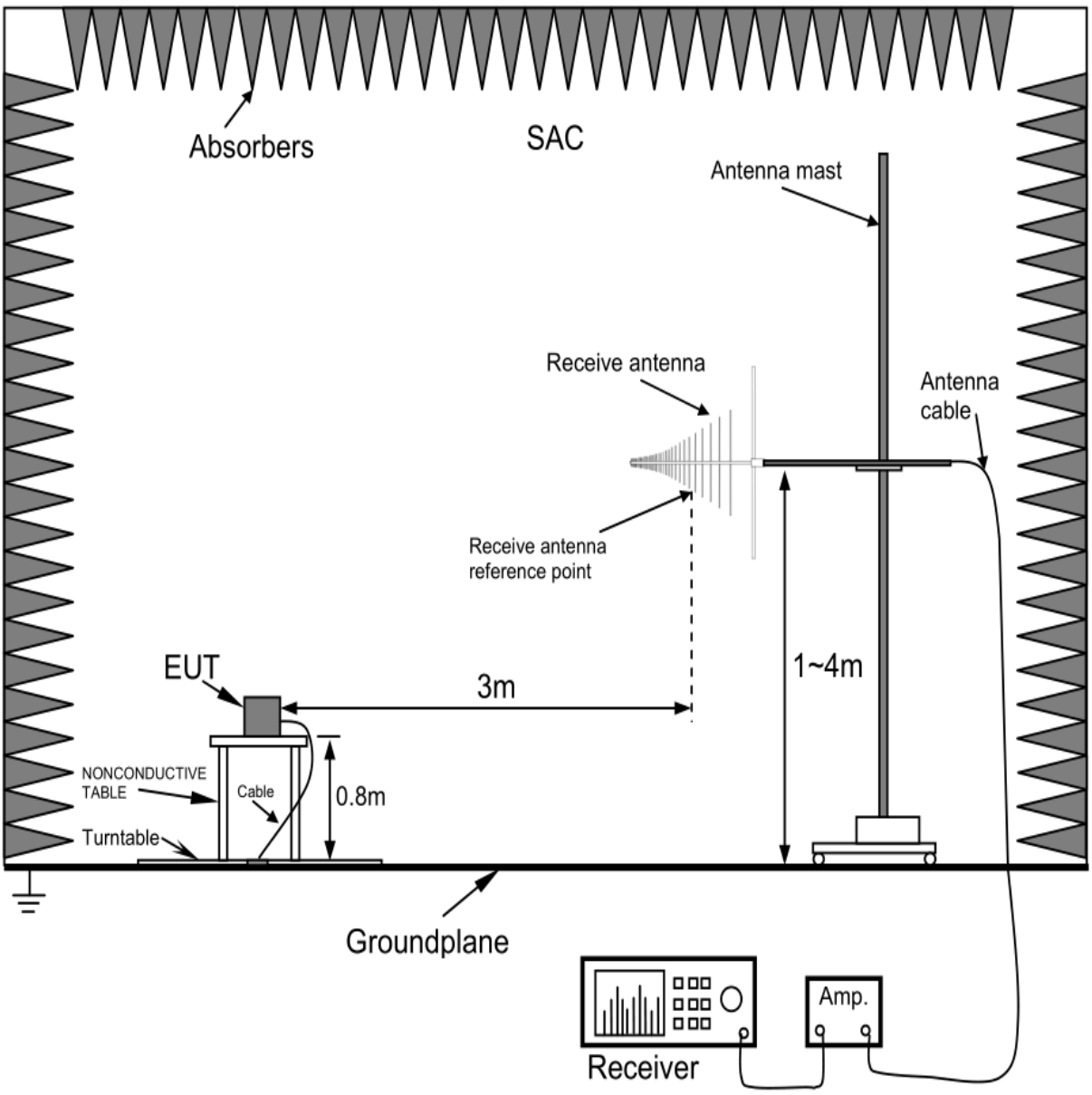
3.2.3 TEST PROCEDURE

a. The measuring distance of at 3 m shall be used for measurements at frequency up to 1GHz. For frequencies above 1GHz, any suitable measuring distance may be used.
b. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3m or 10 meter open area test site. The table was rotated 360 degrees to determine the position of the highest radiation.
c. The height of the equipment or of the substitution antenna shall be 0.8 m; the height of the test antenna shall vary between 1 m to 4 m. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
d. The initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
e. If the Peak Mode measured value compliance with and lower than Quasi Peak Mode Limit, the EUT shall be deemed to meet QP Limits and then no additional QP Mode measurement performed.
f. For the actual test configuration, please refer to the related Item –EUT Test Photos.

3.2.4 DEVIATION FROM TEST STANDARD

No deviation

3.2.5 TEST SETUP

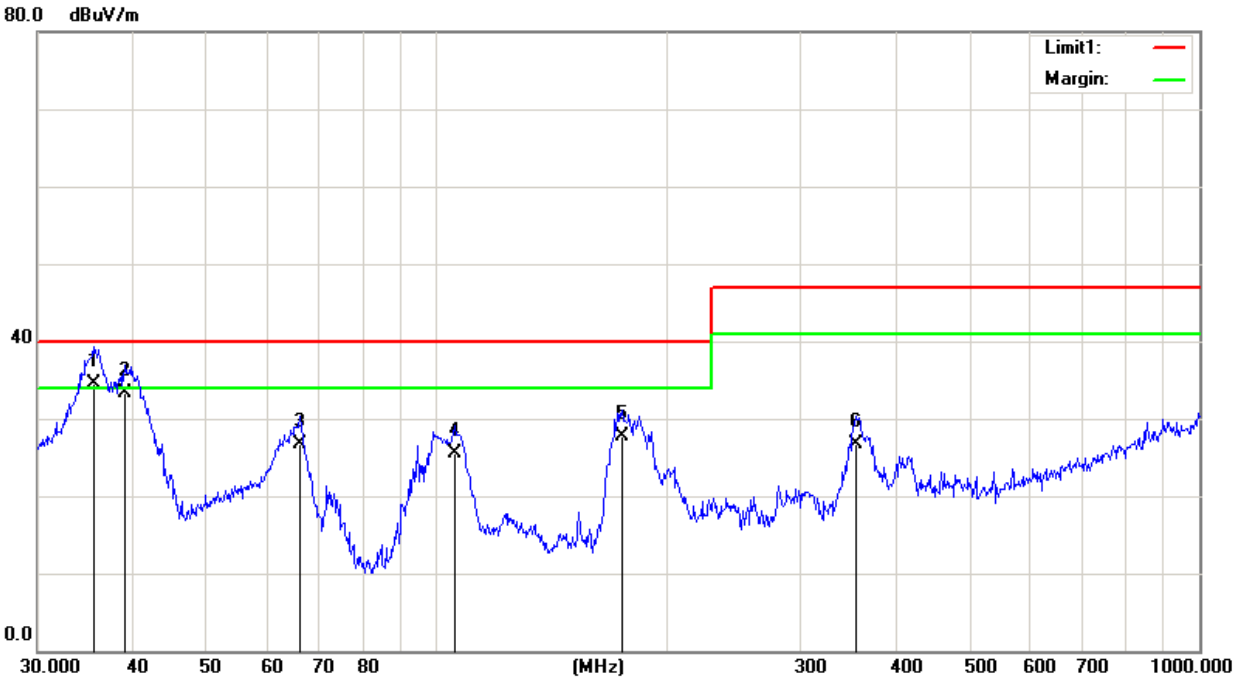


3.2.6 EUT OPERATING CONDITIONS

The EUT tested system was configured as the statements of **2.2** Unless otherwise a special operating condition is specified in the follows during the testing.

3.2.7 TEST RESULTS

EUT:	Power Supply/Travel Charger	Model No.:	P961-PQ320W-EU
Temperature:	23℃	Relative Humidity:	54%
Distance:	3m	Test Power:	AC 230V/50Hz
Polarization:	Vertical	Test Result:	Pass
Test Time:	2022-03-07	Test By:	Vic
Standard:	(RE)EN55032_Class B_3m		
Test Mode:	FULL LOAD		
Note:	PD 5V/3A		

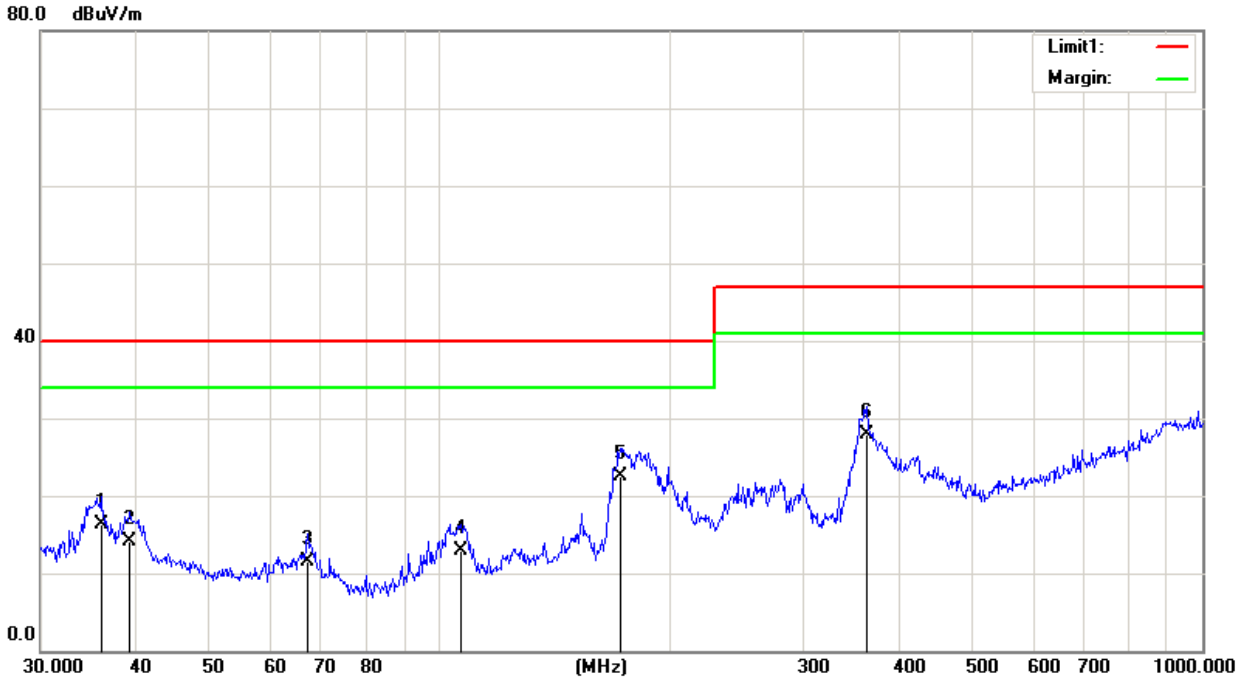


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	35.4993	47.84	-13.40	34.44	40.00	-5.56	QP
2	39.0245	46.22	-12.97	33.25	40.00	-6.75	QP
3	66.2660	39.76	-13.02	26.74	40.00	-13.26	QP
4	105.6414	40.25	-14.72	25.53	40.00	-14.47	QP
5	175.0365	39.15	-11.44	27.71	40.00	-12.29	QP
6	354.1831	33.50	-6.82	26.68	47.00	-20.32	QP

The test result is calculated as the following:

(1) Result = Reading + Correct Factor
(2) Correct Factor = Antenna Factor + Cable Loss – Amplifier Gain
(3) Margin = Result - Limit

EUT:	Power Supply/Travel Charger	Model No.:	P961-PQ320W-EU
Temperature:	23℃	Relative Humidity:	54%
Distance:	3m	Test Power:	AC 230V/50Hz
Polarization:	Horizontal	Test Result:	Pass
Test Time:	2022-03-07	Test By:	Vic
Standard:	(RE)EN55032_Class B_3m		
Test Mode:	FULL LOAD		
Note:	PD 5V/3A		



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	36.0007	31.09	-14.74	16.35	40.00	-23.65	QP
2	39.2991	29.66	-15.65	14.01	40.00	-25.99	QP
3	67.2022	27.15	-15.59	11.56	40.00	-28.44	QP
4	106.7587	28.08	-15.24	12.84	40.00	-27.16	QP
5	172.5988	32.32	-9.79	22.53	40.00	-17.47	QP
6	362.9844	36.00	-8.09	27.91	47.00	-19.09	QP

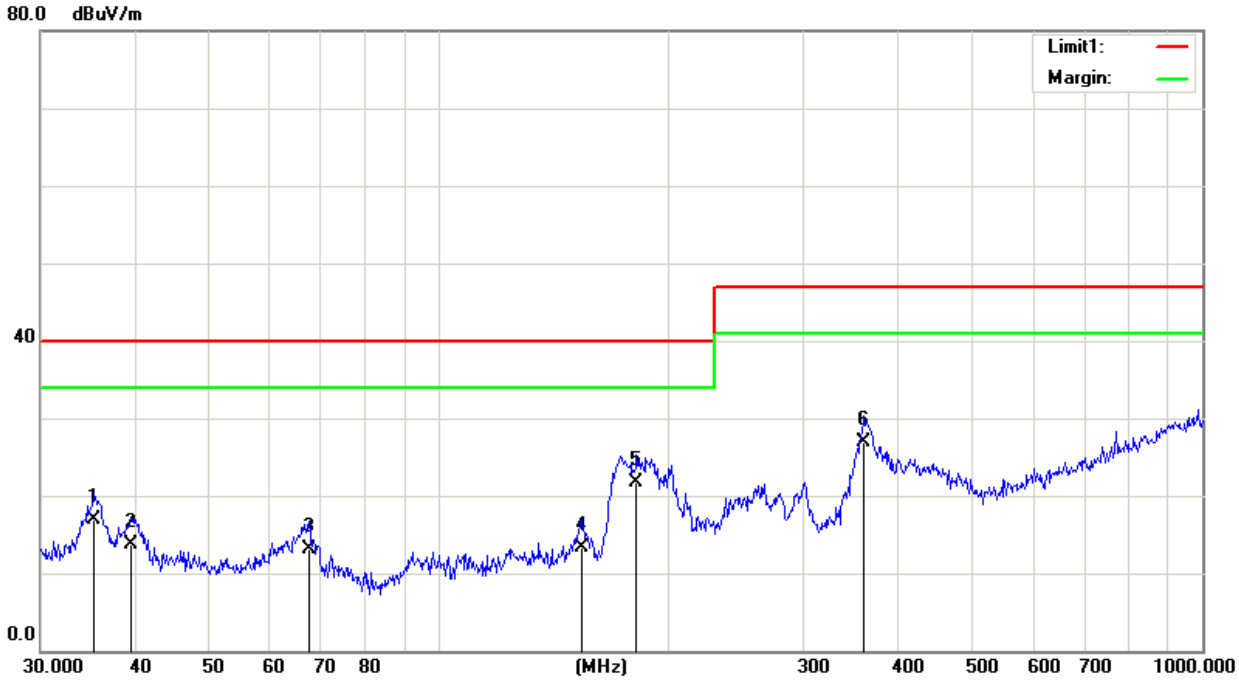
The test result is calculated as the following:

(1) Result = Reading + Correct Factor

(2) Correct Factor = Antenna Factor + Cable Loss – Amplifier Gain

(3) Margin = Result - Limit

EUT:	Power Supply/Travel Charger	Model No.:	P961-PQ320W-EU
Temperature:	23℃	Relative Humidity:	54%
Distance:	3m	Test Power:	AC 110V/60Hz
Polarization:	Horizontal	Test Result:	Pass
Test Time:	2022-03-07	Test By:	Vic
Standard:	(RE)EN55032_Class B_3m		
Test Mode:	FULL LOAD		
Note:	PD 5V/3A		



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	35.2511	31.52	-14.54	16.98	40.00	-23.02	QP
2	39.4371	29.36	-15.69	13.67	40.00	-26.33	QP
3	67.4381	28.74	-15.62	13.12	40.00	-26.88	QP
4	153.7384	25.96	-12.57	13.39	40.00	-26.61	QP
5	181.2834	31.55	-9.80	21.75	40.00	-18.25	QP
6	360.4476	34.52	-7.63	26.89	47.00	-20.11	QP

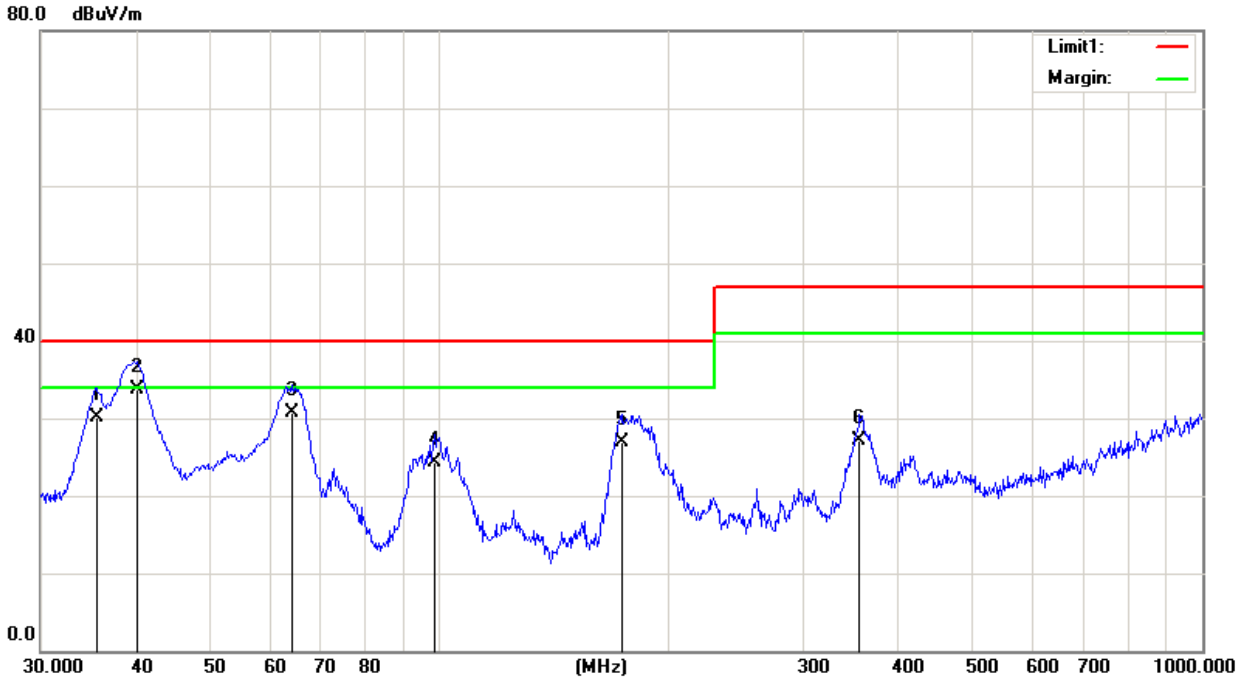
The test result is calculated as the following:

(1) Result = Reading + Correct Factor

(2) Correct Factor = Antenna Factor + Cable Loss – Amplifier Gain

(3) Margin = Result - Limit

EUT:	Power Supply/Travel Charger	Model No.:	P961-PQ320W-EU
Temperature:	23℃	Relative Humidity:	54%
Distance:	3m	Test Power:	AC 110V/60Hz
Polarization:	Vertical	Test Result:	Pass
Test Time:	2022-03-07	Test By:	Vic
Standard:	(RE)EN55032_Class B_3m		
Test Mode:	FULL LOAD		
Note:	PD 5V/3A		



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	35.4992	43.56	-13.40	30.16	40.00	-9.84	QP
2	40.1347	46.51	-12.89	33.62	40.00	-6.38	QP
3	63.9827	43.26	-12.52	30.74	40.00	-9.26	QP
4	98.4865	38.80	-14.55	24.25	40.00	-15.75	QP
5	173.2050	37.91	-10.97	26.94	40.00	-13.06	QP
6	355.4273	33.75	-6.73	27.02	47.00	-19.98	QP

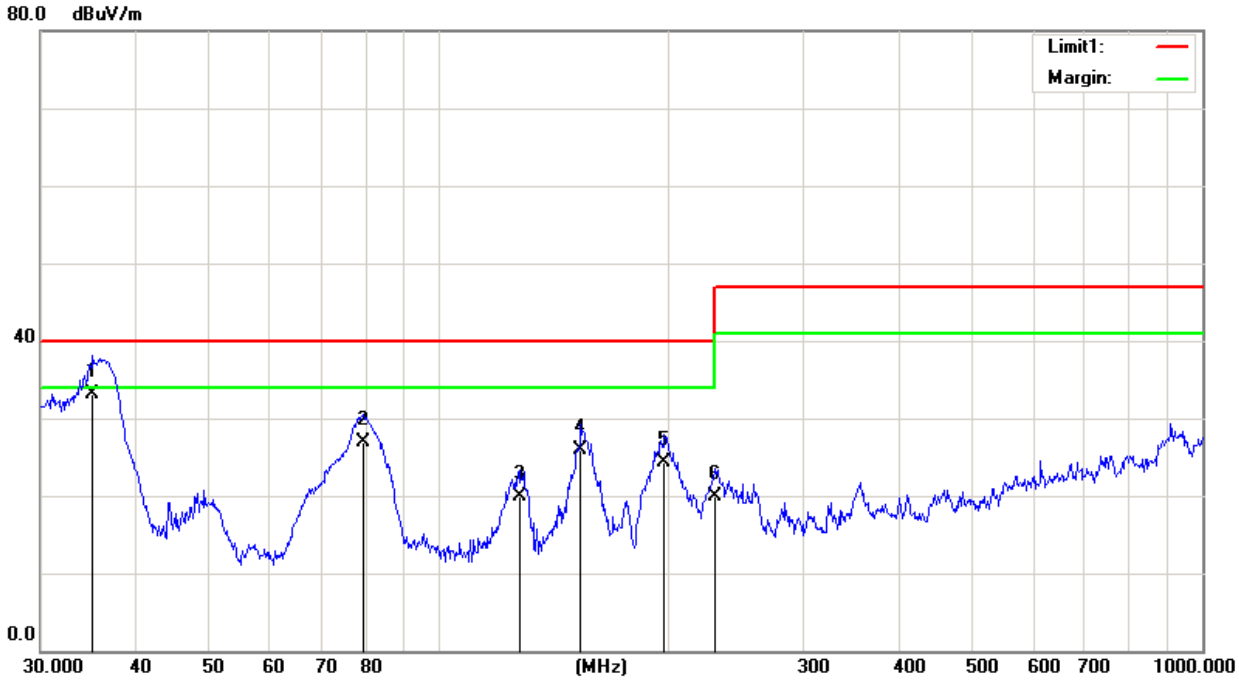
The test result is calculated as the following:

(1) Result = Reading + Correct Factor

(2) Correct Factor = Antenna Factor + Cable Loss – Amplifier Gain

(3) Margin = Result - Limit

EUT:	Power Supply/Travel Charger	Model No.:	P961-PQ320W-EU
Temperature:	23℃	Relative Humidity:	54%
Distance:	3m	Test Power:	AC 230V/50Hz
Polarization:	Vertical	Test Result:	Pass
Test Time:	2022-03-07	Test By:	Vic
Standard:	(RE)EN55032_Class B_3m		
Test Mode:	FULL LOAD		
Note:	PD 9V/2.22A		



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	35.1278	42.04	-8.96	33.08	40.00	-6.92	QP
2	79.5208	40.57	-13.63	26.94	40.00	-13.06	QP
3	127.2176	31.74	-11.93	19.81	40.00	-20.19	QP
4	153.2004	35.07	-9.23	25.84	40.00	-14.16	QP
5	197.2000	37.81	-13.55	24.26	40.00	-15.74	QP
6	230.0985	29.19	-9.30	19.89	47.00	-27.11	QP

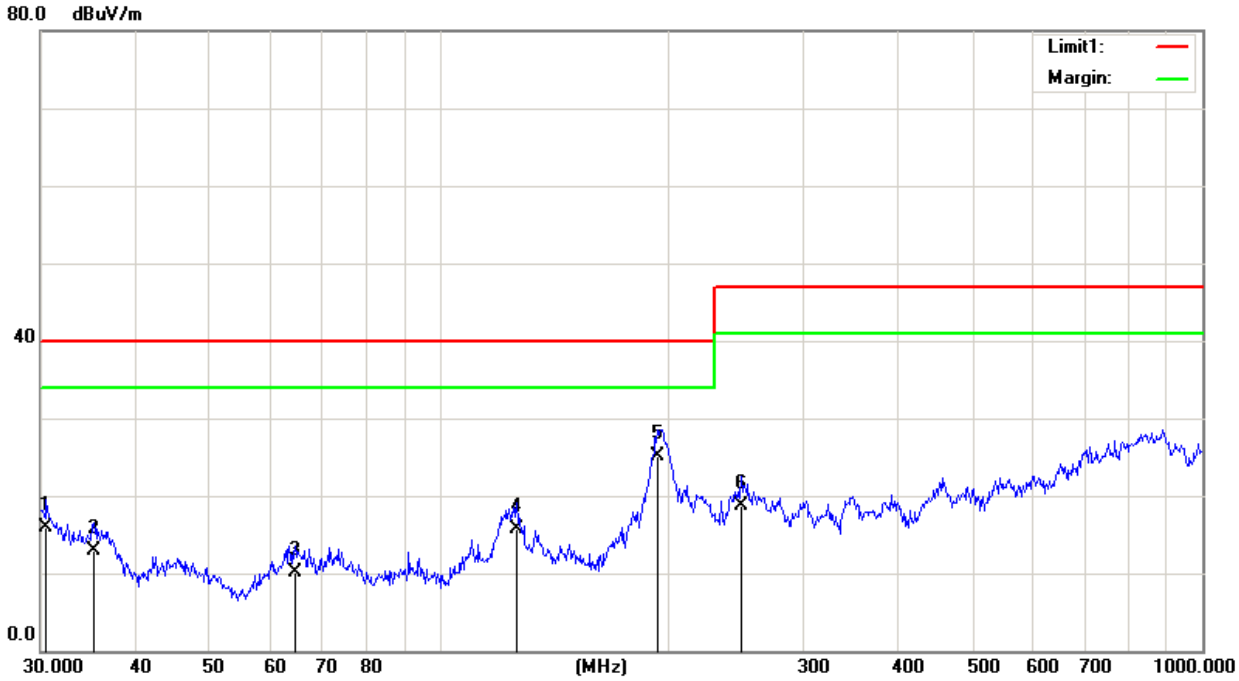
The test result is calculated as the following:

(1) Result = Reading + Correct Factor

(2) Correct Factor = Antenna Factor + Cable Loss – Amplifier Gain

(3) Margin = Result - Limit

EUT:	Power Supply/Travel Charger	Model No.:	P961-PQ320W-EU
Temperature:	23℃	Relative Humidity:	54%
Distance:	3m	Test Power:	AC 230V/50Hz
Polarization:	Horizontal	Test Result:	Pass
Test Time:	2022-03-07	Test By:	Vic
Standard:	(RE)EN55032_Class B_3m		
Test Mode:	FULL LOAD		
Note:	PD 9V/2.22A		



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	30.5304	27.72	-11.83	15.89	40.00	-24.11	QP
2	35.2511	27.17	-14.22	12.95	40.00	-27.05	QP
3	64.6594	23.98	-13.93	10.05	40.00	-29.95	QP
4	126.3285	28.99	-13.34	15.65	40.00	-24.35	QP
5	193.0945	35.17	-10.11	25.06	40.00	-14.94	QP
6	248.5517	25.23	-6.55	18.68	47.00	-28.32	QP

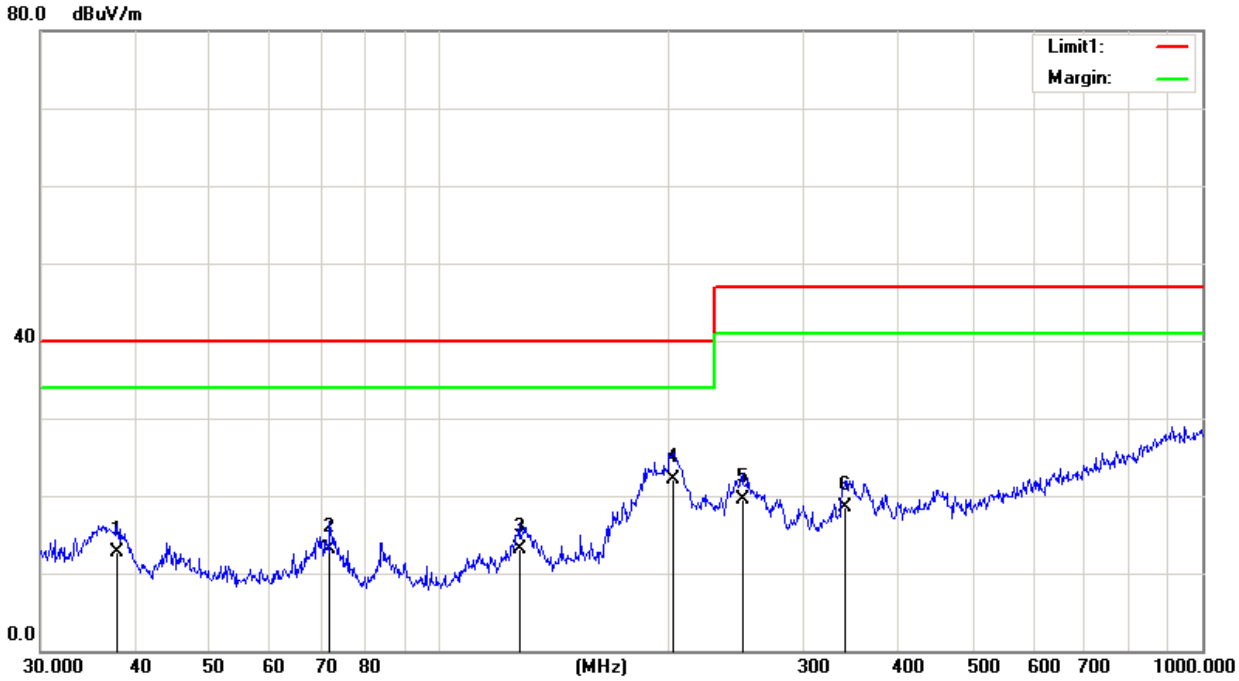
The test result is calculated as the following:

(1) Result = Reading + Correct Factor

(2) Correct Factor = Antenna Factor + Cable Loss – Amplifier Gain

(3) Margin = Result - Limit

EUT:	Power Supply/Travel Charger	Model No.:	P961-PQ320W-EU
Temperature:	23℃	Relative Humidity:	54%
Distance:	3m	Test Power:	AC 110V/60Hz
Polarization:	Horizontal	Test Result:	Pass
Test Time:	2022-03-07	Test By:	Vic
Standard:	(RE)EN55032_Class B_3m		
Test Mode:	FULL LOAD		
Note:	PD 9V/2.22A		



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	37.8121	28.14	-15.47	12.67	40.00	-27.33	QP
2	71.8319	29.69	-16.64	13.05	40.00	-26.95	QP
3	127.2176	26.42	-13.40	13.02	40.00	-26.98	QP
4	202.8103	32.28	-10.20	22.08	40.00	-17.92	QP
5	249.4250	26.25	-6.82	19.43	47.00	-27.57	QP
6	340.7817	27.37	-8.83	18.54	47.00	-28.46	QP

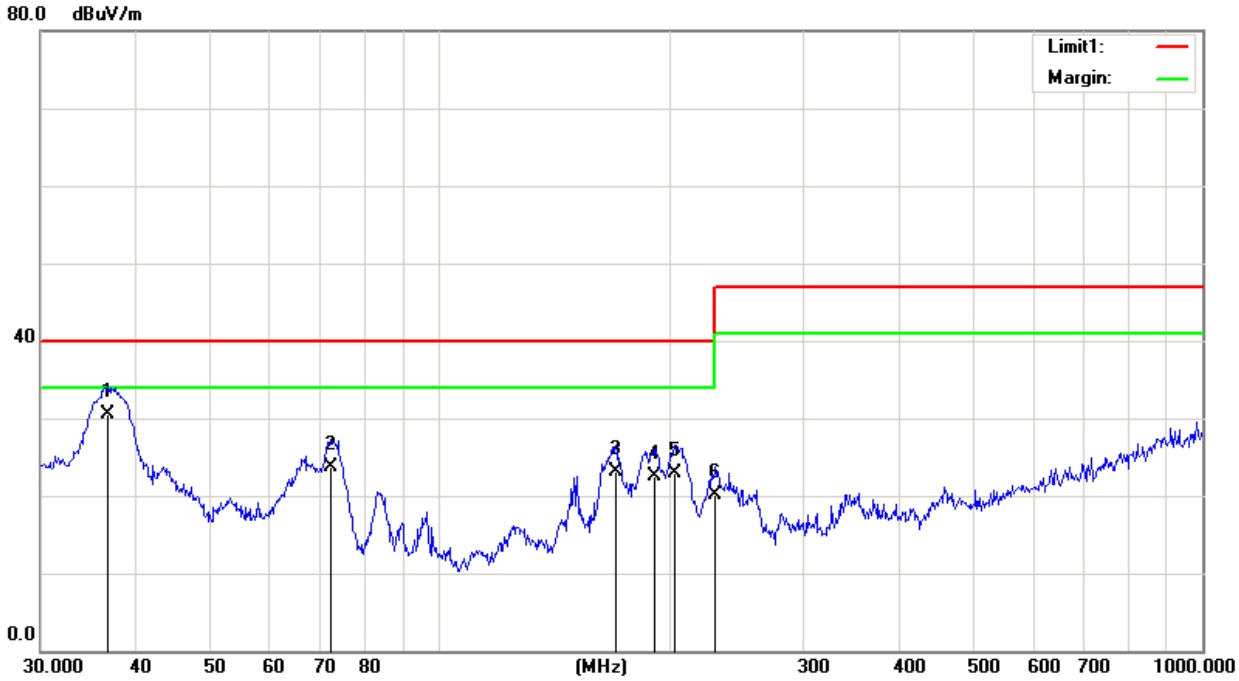
The test result is calculated as the following:

(1) Result = Reading + Correct Factor

(2) Correct Factor = Antenna Factor + Cable Loss – Amplifier Gain

(3) Margin = Result - Limit

EUT:	Power Supply/Travel Charger	Model No.:	P961-PQ320W-EU
Temperature:	23℃	Relative Humidity:	54%
Distance:	3m	Test Power:	AC 110V/60Hz
Polarization:	Vertical	Test Result:	Pass
Test Time:	2022-03-07	Test By:	Vic
Standard:	(RE)EN55032_Class B_3m		
Test Mode:	FULL LOAD		
Note:	PD 9V/2.22A		



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	36.7661	44.01	-13.47	30.54	40.00	-9.46	QP
2	72.0841	38.93	-15.25	23.68	40.00	-16.32	QP
3	170.1947	33.91	-10.85	23.06	40.00	-16.94	QP
4	191.7450	34.67	-12.16	22.51	40.00	-17.49	QP
5	203.5226	34.53	-11.61	22.92	40.00	-17.08	QP
6	230.0985	28.65	-8.59	20.06	47.00	-26.94	QP

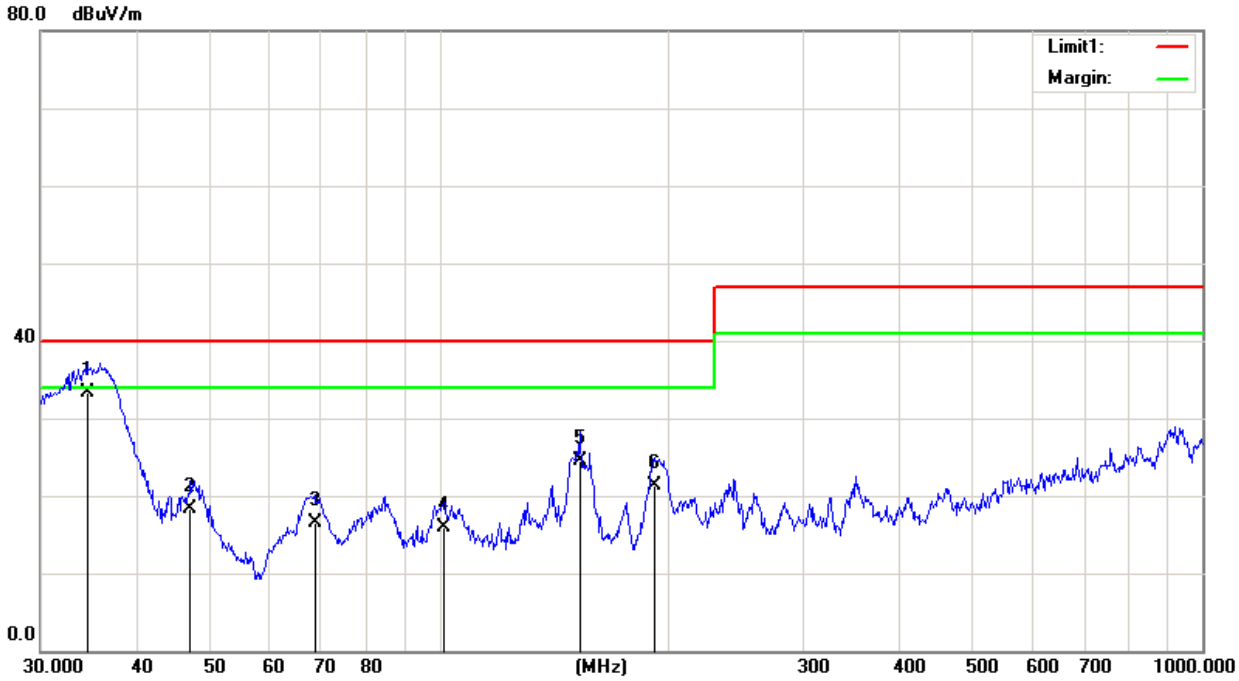
The test result is calculated as the following:

(1) Result = Reading + Correct Factor

(2) Correct Factor = Antenna Factor + Cable Loss – Amplifier Gain

(3) Margin = Result - Limit

EUT:	Power Supply/Travel Charger	Model No.:	P961-PQ320W-EU
Temperature:	23℃	Relative Humidity:	54%
Distance:	3m	Test Power:	AC 230V/50Hz
Polarization:	Vertical	Test Result:	Pass
Test Time:	2022-03-07	Test By:	Vic
Standard:	(RE)EN55032_Class B_3m		
Test Mode:	FULL LOAD		
Note:	PD 12V/1.67A		



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	34.5173	42.58	-9.37	33.21	40.00	-6.79	QP
2	47.1599	31.31	-13.05	18.26	40.00	-21.74	QP
3	68.6310	34.06	-17.53	16.53	40.00	-23.47	QP
4	101.2883	29.45	-13.61	15.84	40.00	-24.16	QP
5	152.6640	33.59	-9.17	24.42	40.00	-15.58	QP
6	191.0738	33.17	-11.86	21.31	40.00	-18.69	QP

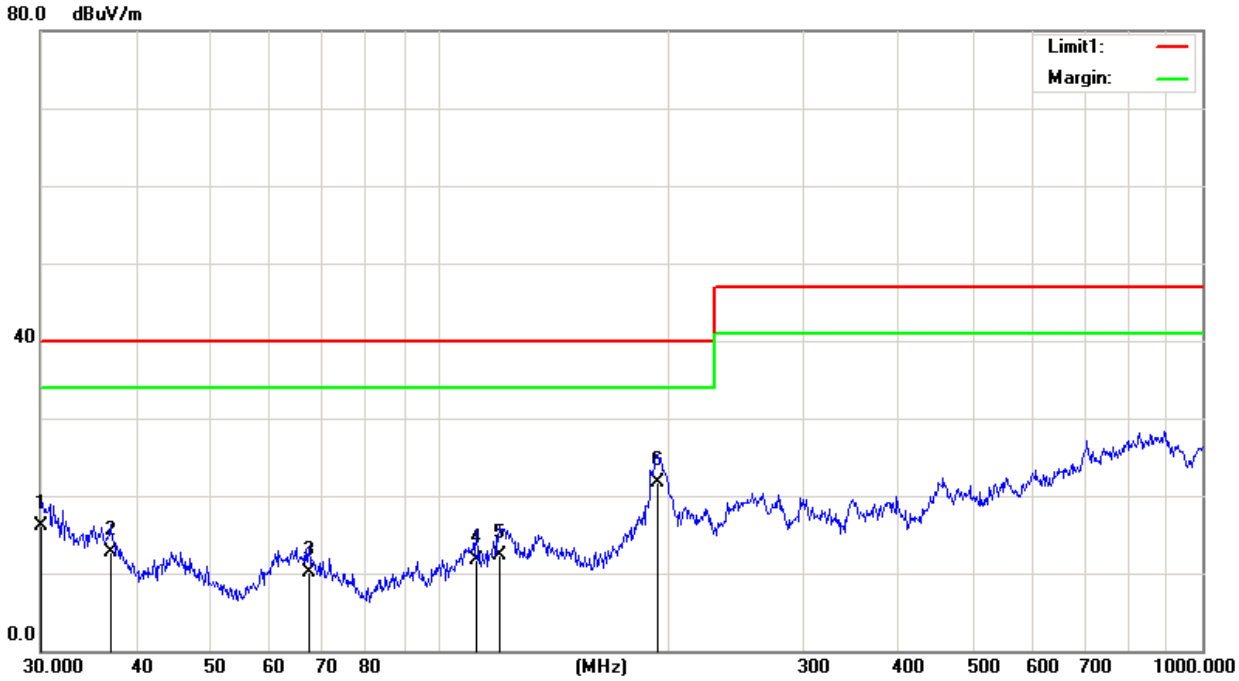
The test result is calculated as the following:

(1) Result = Reading + Correct Factor

(2) Correct Factor = Antenna Factor + Cable Loss – Amplifier Gain

(3) Margin = Result - Limit

EUT:	Power Supply/Travel Charger	Model No.:	P961-PQ320W-EU
Temperature:	23℃	Relative Humidity:	54%
Distance:	3m	Test Power:	AC 230V/50Hz
Polarization:	Horizontal	Test Result:	Pass
Test Time:	2022-03-07	Test By:	Vic
Standard:	(RE)EN55032_Class B_3m		
Test Mode:	FULL LOAD		
Note:	PD 12V/1.67A		



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	30.0000	27.66	-11.55	16.11	40.00	-23.89	QP
2	37.0248	27.60	-14.86	12.74	40.00	-27.26	QP
3	67.4381	24.94	-14.86	10.08	40.00	-29.92	QP
4	111.7379	25.18	-13.53	11.65	40.00	-28.35	QP
5	119.8555	24.76	-12.53	12.23	40.00	-27.77	QP
6	193.0945	31.87	-10.11	21.76	40.00	-18.24	QP

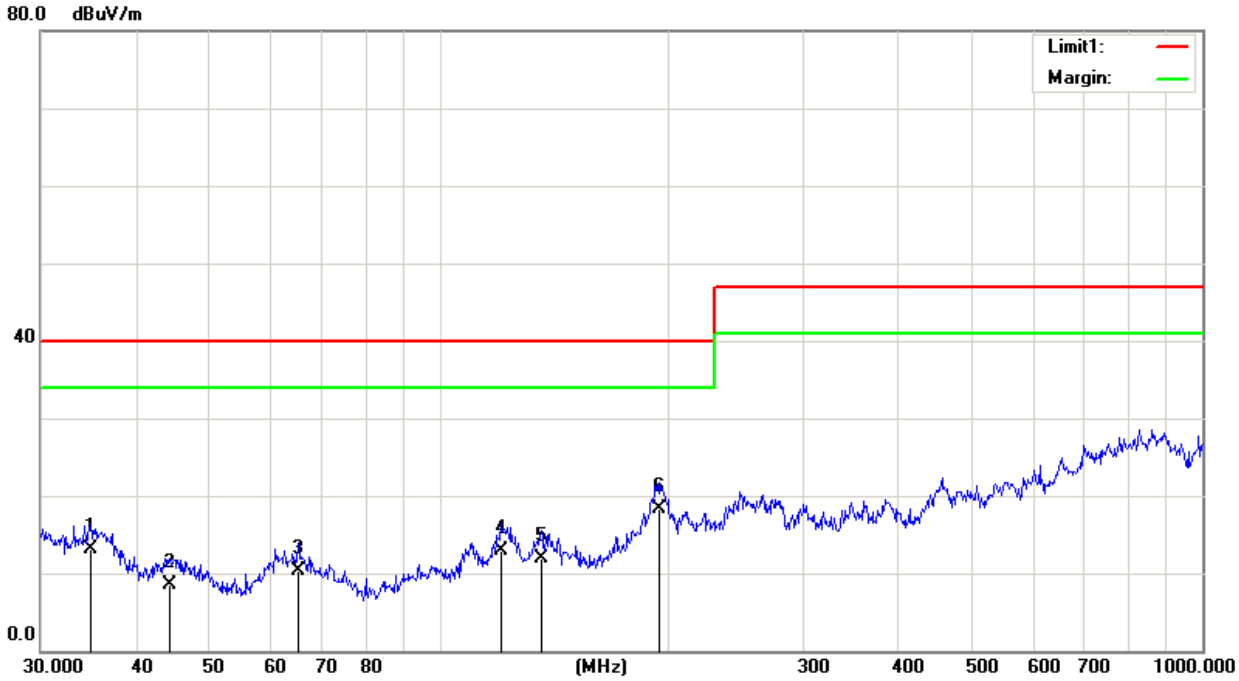
The test result is calculated as the following:

(1) Result = Reading + Correct Factor

(2) Correct Factor = Antenna Factor + Cable Loss – Amplifier Gain

(3) Margin = Result - Limit

EUT:	Power Supply/Travel Charger	Model No.:	P961-PQ320W-EU
Temperature:	23℃	Relative Humidity:	54%
Distance:	3m	Test Power:	AC 110V/60Hz
Polarization:	Horizontal	Test Result:	Pass
Test Time:	2022-03-07	Test By:	Vic
Standard:	(RE)EN55032_Class B_3m		
Test Mode:	FULL LOAD		
Note:	PD 12V/1.67A		



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	34.8823	27.08	-14.06	13.02	40.00	-26.98	QP
2	44.2751	22.89	-14.43	8.46	40.00	-31.54	QP
3	65.3431	24.22	-13.96	10.26	40.00	-29.74	QP
4	120.2766	25.42	-12.48	12.94	40.00	-27.06	QP
5	135.9822	25.66	-13.70	11.96	40.00	-28.04	QP
6	194.4533	28.34	-10.10	18.24	40.00	-21.76	QP

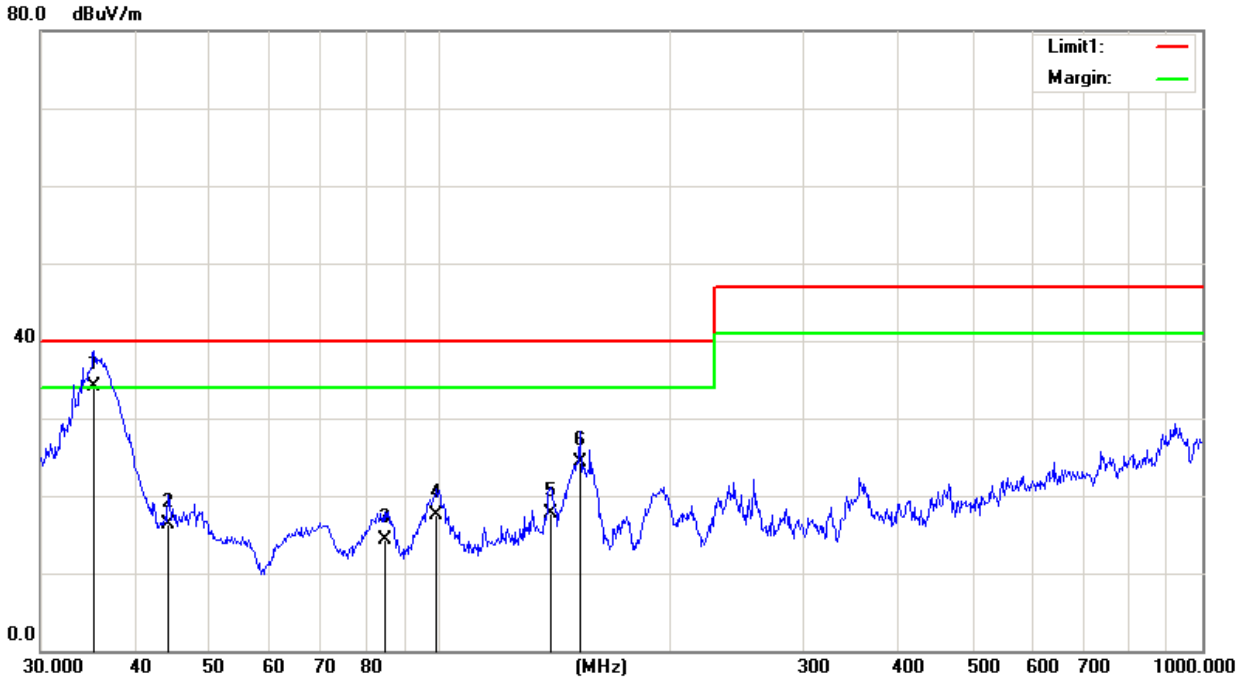
The test result is calculated as the following:

(1) Result = Reading + Correct Factor

(2) Correct Factor = Antenna Factor + Cable Loss – Amplifier Gain

(3) Margin = Result - Limit

EUT:	Power Supply/Travel Charger	Model No.:	P961-PQ320W-EU
Temperature:	23℃	Relative Humidity:	54%
Distance:	3m	Test Power:	AC 110V/60Hz
Polarization:	Vertical	Test Result:	Pass
Test Time:	2022-03-07	Test By:	Vic
Standard:	(RE)EN55032_Class B_3m		
Test Mode:	FULL LOAD		
Note:	PD 12V/1.67A		



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	35.2512	43.18	-9.07	34.11	40.00	-5.89	QP
2	44.1200	28.15	-11.90	16.25	40.00	-23.75	QP
3	84.7018	24.90	-10.56	14.34	40.00	-25.66	QP
4	99.1795	31.02	-13.57	17.45	40.00	-22.55	QP
5	139.8506	28.44	-10.69	17.75	40.00	-22.25	QP
6	152.6639	33.42	-9.17	24.25	40.00	-15.75	QP

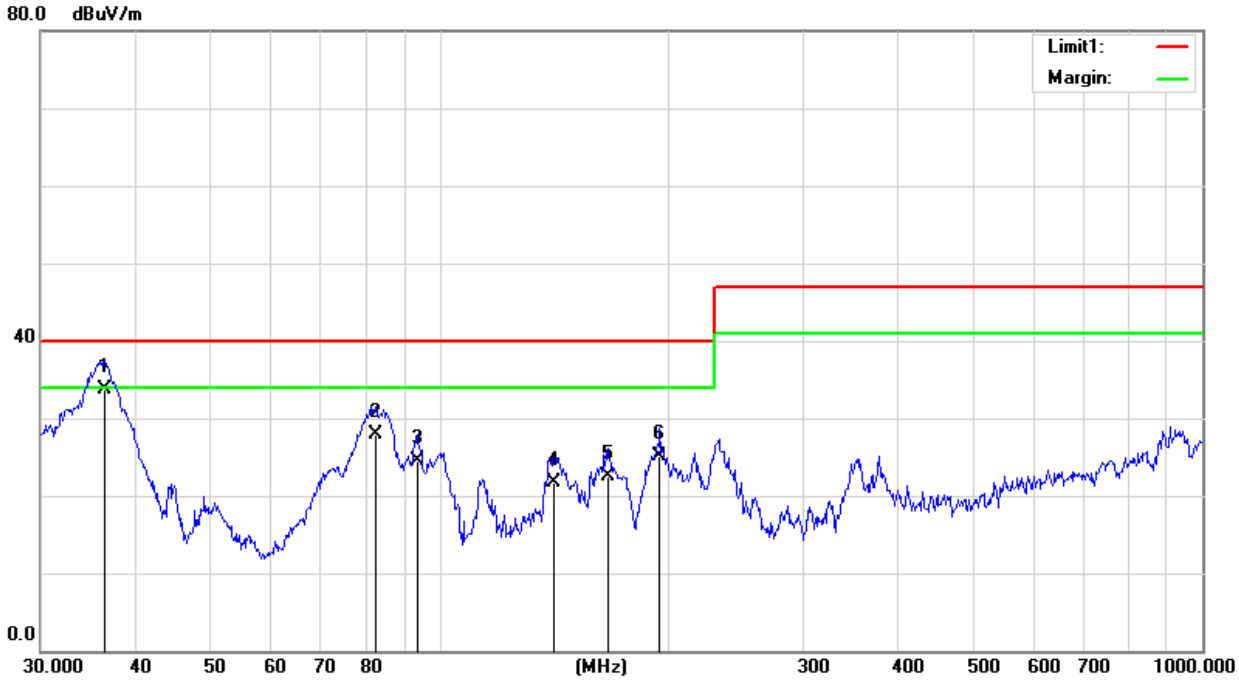
The test result is calculated as the following:

(1) Result = Reading + Correct Factor

(2) Correct Factor = Antenna Factor + Cable Loss – Amplifier Gain

(3) Margin = Result - Limit

EUT:	Power Supply/Travel Charger	Model No.:	P961-PQ320W-EU
Temperature:	23℃	Relative Humidity:	54%
Distance:	3m	Test Power:	AC 230V/50Hz
Polarization:	Vertical	Test Result:	Pass
Test Time:	2022-03-07	Test By:	Vic
Standard:	(RE)EN55032_Class B_3m		
Test Mode:	FULL LOAD		
Note:	QC+PD 5V/1.5A+5V/1.5A		



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	36.3814	43.81	-10.17	33.64	40.00	-6.36	QP
2	82.3588	39.76	-11.82	27.94	40.00	-12.06	QP
3	93.4402	39.00	-14.58	24.42	40.00	-15.58	QP
4	141.3298	31.98	-10.34	21.64	40.00	-18.36	QP
5	166.0680	35.76	-13.23	22.53	40.00	-17.47	QP
6	194.4533	38.14	-12.97	25.17	40.00	-14.83	QP

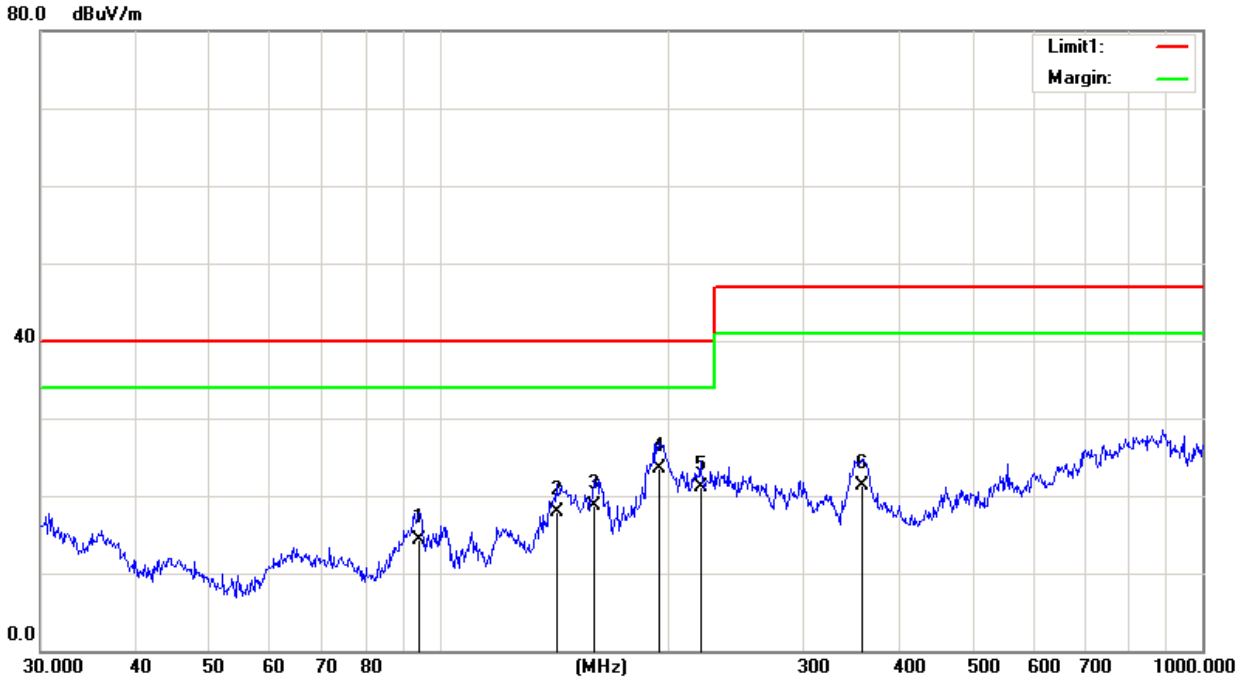
The test result is calculated as the following:

(1) Result = Reading + Correct Factor

(2) Correct Factor = Antenna Factor + Cable Loss – Amplifier Gain

(3) Margin = Result - Limit

EUT:	Power Supply/Travel Charger	Model No.:	P961-PQ320W-EU
Temperature:	23℃	Relative Humidity:	54%
Distance:	3m	Test Power:	AC 230V/50Hz
Polarization:	Horizontal	Test Result:	Pass
Test Time:	2022-03-07	Test By:	Vic
Standard:	(RE)EN55032_Class B_3m		
Test Mode:	FULL LOAD		
Note:	QC+PD 5V/1.5A+5V/1.5A		



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	94.0978	31.62	-17.36	14.26	40.00	-25.74	QP
2	142.3242	31.59	-13.67	17.92	40.00	-22.08	QP
3	159.2249	33.26	-14.64	18.62	40.00	-21.38	QP
4	194.4533	33.56	-10.10	23.46	40.00	-16.54	QP
5	219.8447	31.06	-10.00	21.06	40.00	-18.94	QP
6	357.9286	31.84	-10.60	21.24	47.00	-25.76	QP

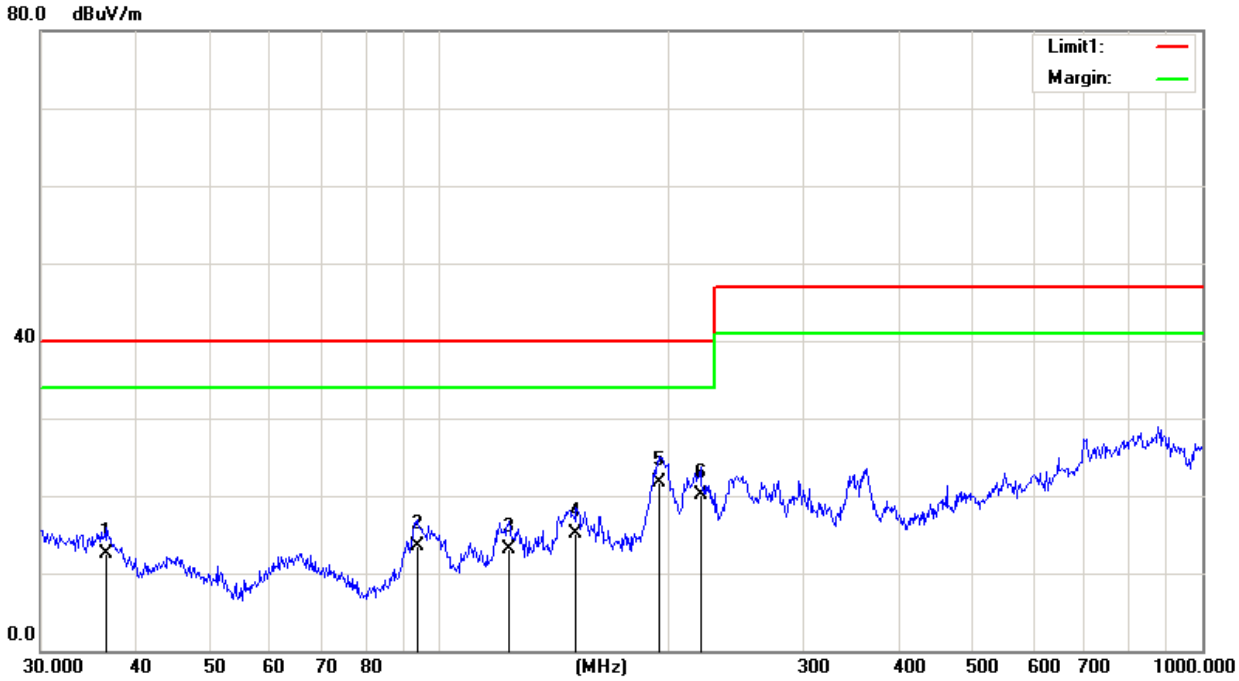
The test result is calculated as the following:

(1) Result = Reading + Correct Factor

(2) Correct Factor = Antenna Factor + Cable Loss – Amplifier Gain

(3) Margin = Result - Limit

EUT:	Power Supply/Travel Charger	Model No.:	P961-PQ320W-EU
Temperature:	23℃	Relative Humidity:	54%
Distance:	3m	Test Power:	AC 110V/60Hz
Polarization:	Horizontal	Test Result:	Pass
Test Time:	2022-03-07	Test By:	Vic
Standard:	(RE)EN55032_Class B_3m		
Test Mode:	FULL LOAD		
Note:	QC+PD 5V/1.5A+5V/1.5A		



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	36.6375	27.14	-14.71	12.43	40.00	-27.57	QP
2	93.4402	30.82	-17.36	13.46	40.00	-26.54	QP
3	123.2655	25.79	-12.65	13.14	40.00	-26.86	QP
4	151.0665	29.09	-14.07	15.02	40.00	-24.98	QP
5	194.4533	31.77	-10.10	21.67	40.00	-18.33	QP
6	219.8448	30.14	-10.00	20.14	40.00	-19.86	QP

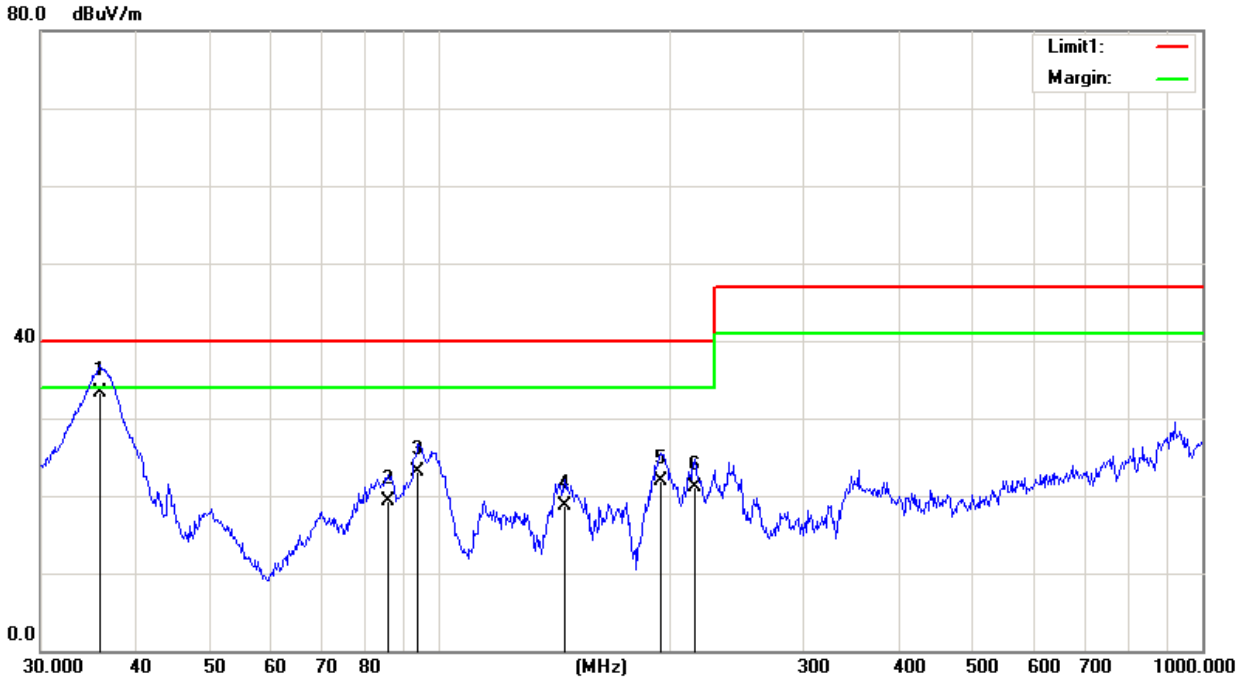
The test result is calculated as the following:

(1) Result = Reading + Correct Factor

(2) Correct Factor = Antenna Factor + Cable Loss – Amplifier Gain

(3) Margin = Result - Limit

EUT:	Power Supply/Travel Charger	Model No.:	P961-PQ320W-EU
Temperature:	23℃	Relative Humidity:	54%
Distance:	3m	Test Power:	AC 110V/60Hz
Polarization:	Vertical	Test Result:	Pass
Test Time:	2022-03-07	Test By:	Vic
Standard:	(RE)EN55032_Class B_3m		
Test Mode:	FULL LOAD		
Note:	QC+PD 5V/1.5A+5V/1.5A		



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	35.8746	42.99	-9.68	33.31	40.00	-6.69	QP
2	85.5977	30.48	-11.22	19.26	40.00	-20.74	QP
3	93.7685	37.51	-14.39	23.12	40.00	-16.88	QP
4	145.8610	28.27	-9.59	18.68	40.00	-21.32	QP
5	195.1365	35.09	-13.15	21.94	40.00	-18.06	QP
6	216.0240	34.11	-12.93	21.18	40.00	-18.82	QP

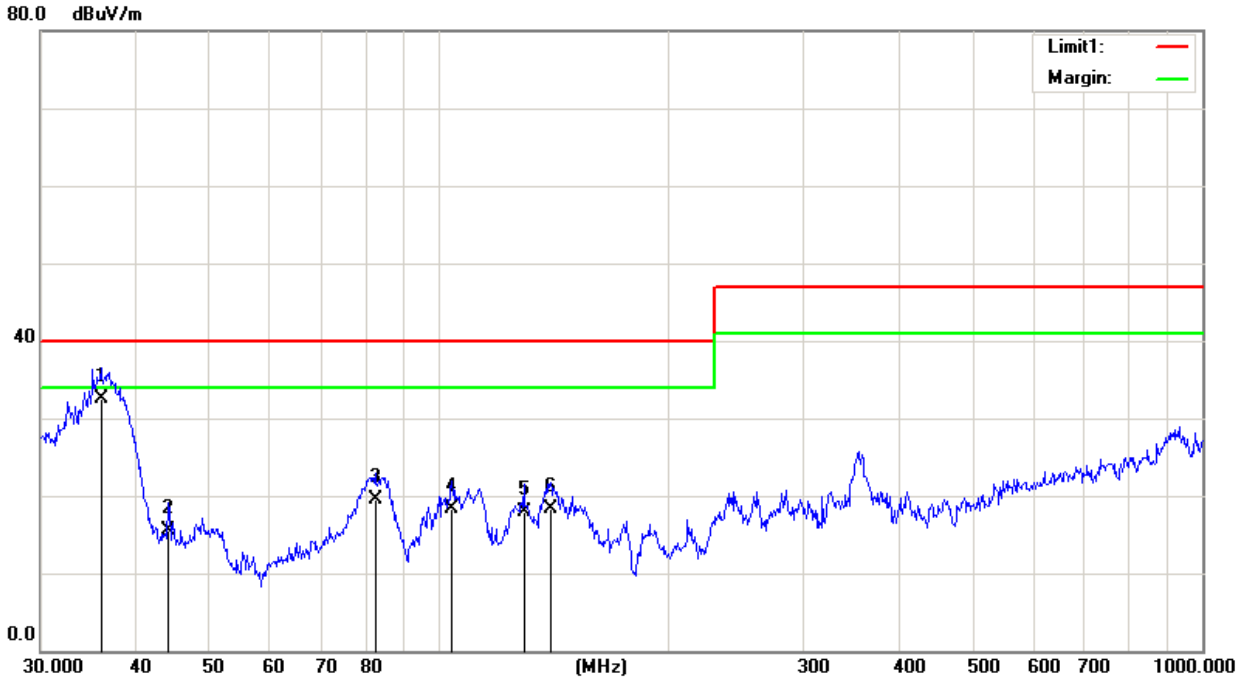
The test result is calculated as the following:

(1) Result = Reading + Correct Factor

(2) Correct Factor = Antenna Factor + Cable Loss – Amplifier Gain

(3) Margin = Result - Limit

EUT:	Power Supply/Travel Charger	Model No.:	P961-PQ320W-EU
Temperature:	23℃	Relative Humidity:	54%
Distance:	3m	Test Power:	AC 230V/50Hz
Polarization:	Vertical	Test Result:	Pass
Test Time:	2022-03-07	Test By:	Vic
Standard:	(RE)EN55032_Class B_3m		
Test Mode:	FULL LOAD		
Note:	QC 5V/3A		



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	36.0007	42.26	-9.80	32.46	40.00	-7.54	QP
2	44.1200	27.35	-11.90	15.45	40.00	-24.55	QP
3	82.3588	31.26	-11.83	19.43	40.00	-20.57	QP
4	103.8054	31.95	-13.69	18.26	40.00	-21.74	QP
5	129.0146	29.87	-11.95	17.92	40.00	-22.08	QP
6	139.8506	29.09	-10.69	18.40	40.00	-21.60	QP

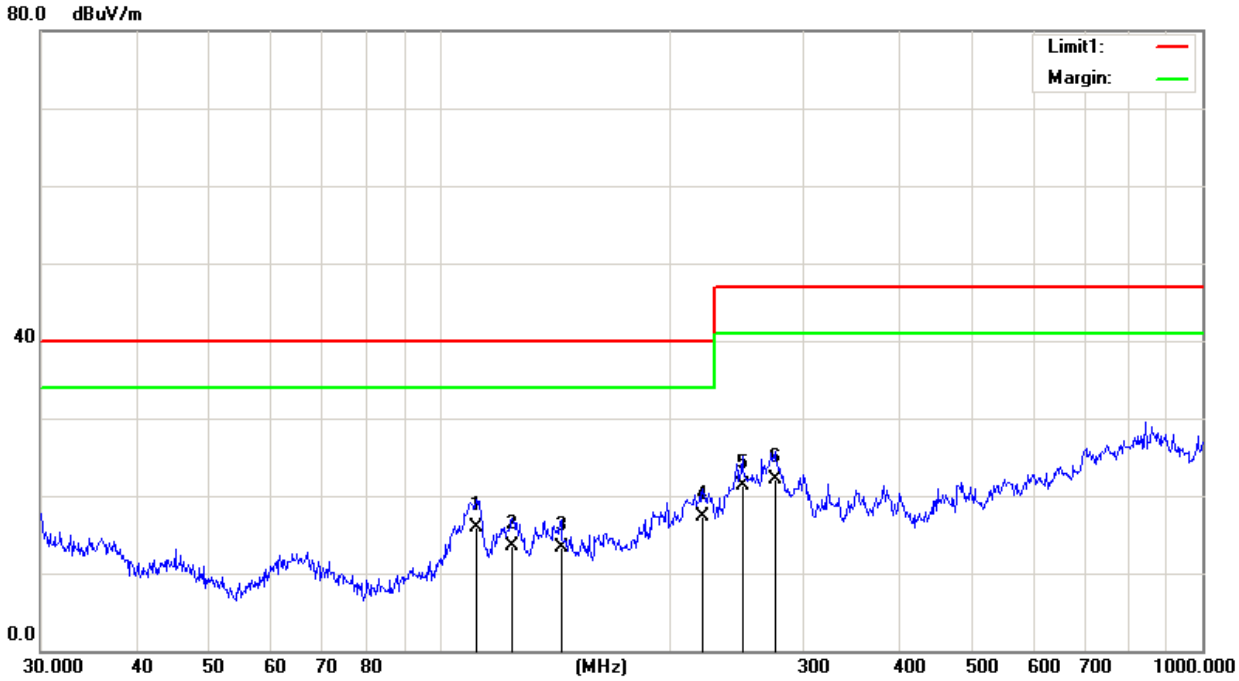
The test result is calculated as the following:

(1) Result = Reading + Correct Factor

(2) Correct Factor = Antenna Factor + Cable Loss – Amplifier Gain

(3) Margin = Result - Limit

EUT:	Power Supply/Travel Charger	Model No.:	P961-PQ320W-EU
Temperature:	23℃	Relative Humidity:	54%
Distance:	3m	Test Power:	AC 230V/50Hz
Polarization:	Horizontal	Test Result:	Pass
Test Time:	2022-03-07	Test By:	Vic
Standard:	(RE)EN55032_Class B_3m		
Test Mode:	FULL LOAD		
Note:	QC 5V/3A		



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	111.7379	29.47	-13.53	15.94	40.00	-24.06	QP
2	124.5690	26.17	-12.71	13.46	40.00	-26.54	QP
3	144.3348	26.71	-13.35	13.36	40.00	-26.64	QP
4	221.3920	27.08	-9.74	17.34	40.00	-22.66	QP
5	249.4250	27.87	-6.47	21.40	47.00	-25.60	QP
6	275.1569	29.08	-6.93	22.15	47.00	-24.85	QP

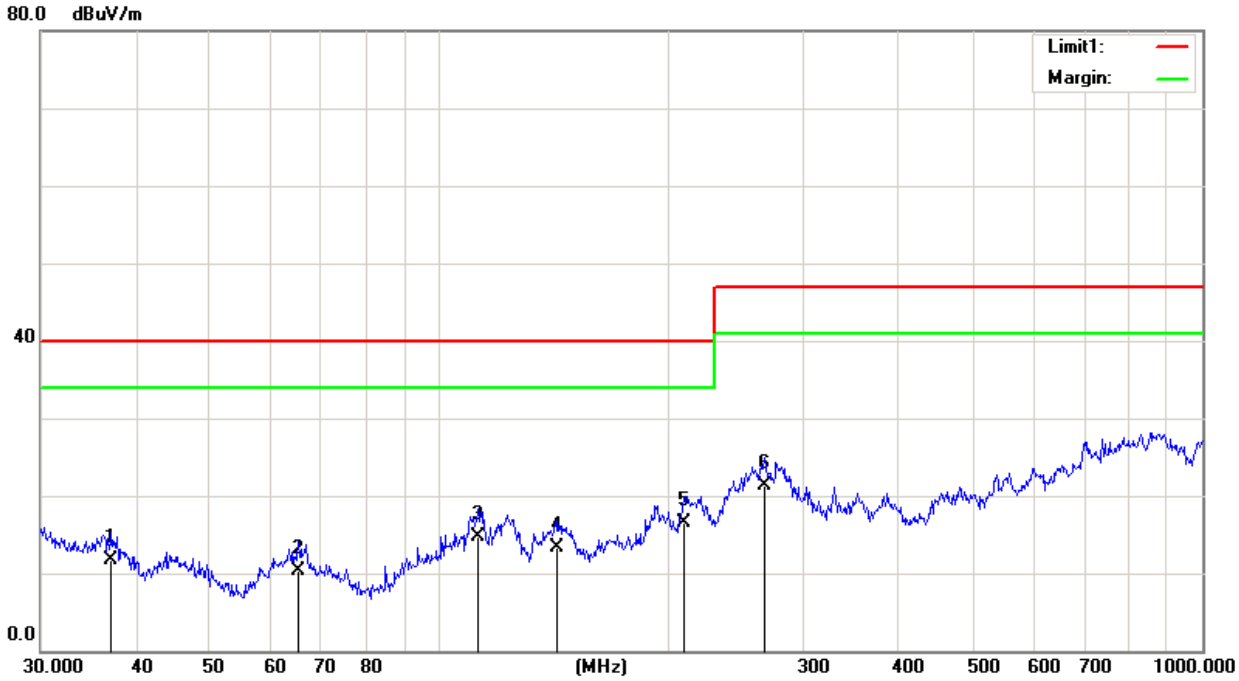
The test result is calculated as the following:

(1) Result = Reading + Correct Factor

(2) Correct Factor = Antenna Factor + Cable Loss – Amplifier Gain

(3) Margin = Result - Limit

EUT:	Power Supply/Travel Charger	Model No.:	P961-PQ320W-EU
Temperature:	23℃	Relative Humidity:	54%
Distance:	3m	Test Power:	AC 110V/60Hz
Polarization:	Horizontal	Test Result:	Pass
Test Time:	2022-03-07	Test By:	Vic
Standard:	(RE)EN55032_Class B_3m		
Test Mode:	FULL LOAD		
Note:	QC 5V/3A		



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	37.1550	26.56	-14.89	11.67	40.00	-28.33	QP
2	65.3431	24.26	-13.96	10.30	40.00	-29.70	QP
3	112.5243	28.43	-13.79	14.64	40.00	-25.36	QP
4	142.8243	26.92	-13.58	13.34	40.00	-26.66	QP
5	209.3129	26.29	-9.86	16.43	40.00	-23.57	QP
6	266.6089	27.83	-6.53	21.30	47.00	-25.70	QP

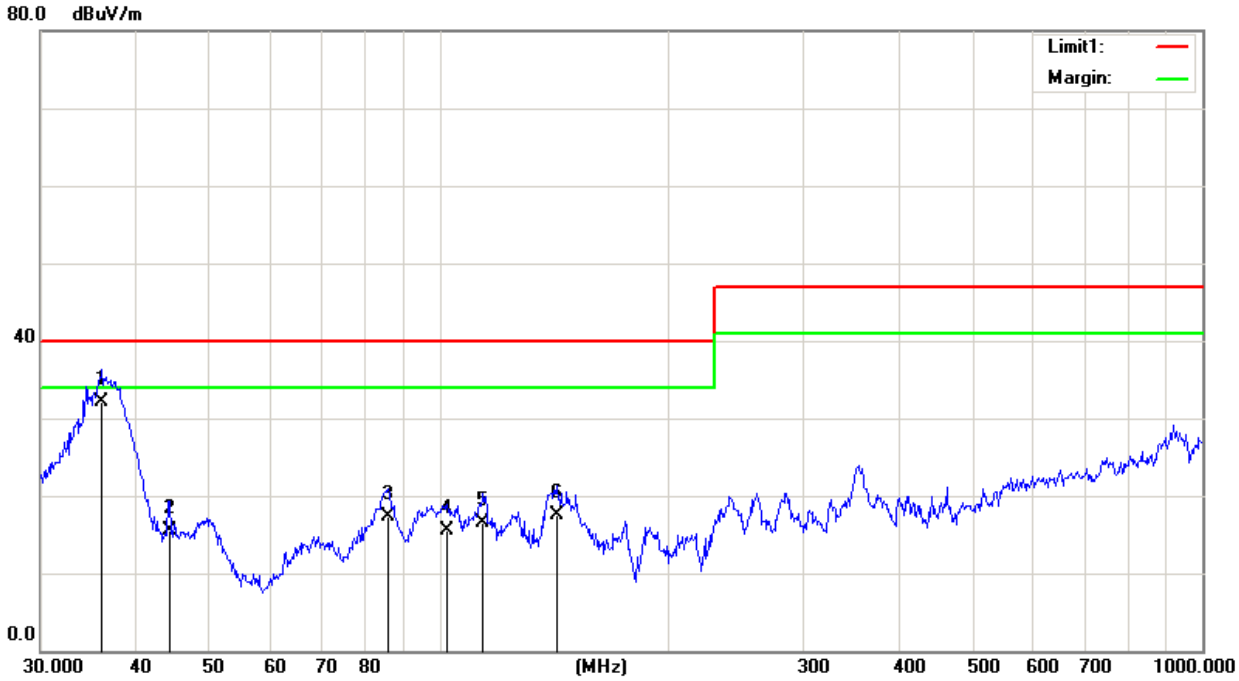
The test result is calculated as the following:

(1) Result = Reading + Correct Factor

(2) Correct Factor = Antenna Factor + Cable Loss – Amplifier Gain

(3) Margin = Result - Limit

EUT:	Power Supply/Travel Charger	Model No.:	P961-PQ320W-EU
Temperature:	23℃	Relative Humidity:	54%
Distance:	3m	Test Power:	AC 110V/60Hz
Polarization:	Vertical	Test Result:	Pass
Test Time:	2022-03-07	Test By:	Vic
Standard:	(RE)EN55032_Class B_3m		
Test Mode:	FULL LOAD		
Note:	QC 5V/3A		



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	36.1272	42.08	-9.93	32.15	40.00	-7.85	QP
2	44.2751	27.29	-11.81	15.48	40.00	-24.52	QP
3	85.5977	28.46	-11.22	17.24	40.00	-22.76	QP
4	102.3597	29.12	-13.66	15.46	40.00	-24.54	QP
5	114.1137	29.05	-12.57	16.48	40.00	-23.52	QP
6	142.3243	27.67	-10.19	17.48	40.00	-22.52	QP

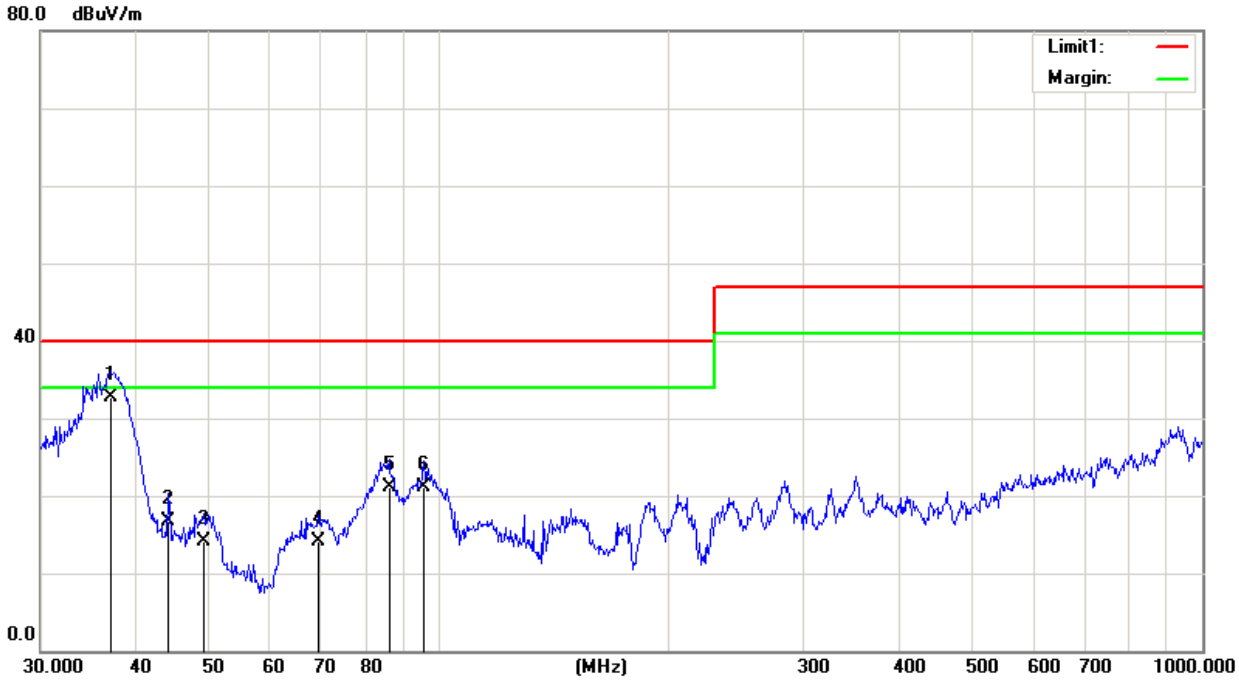
The test result is calculated as the following:

(1) Result = Reading + Correct Factor

(2) Correct Factor = Antenna Factor + Cable Loss – Amplifier Gain

(3) Margin = Result - Limit

EUT:	Power Supply/Travel Charger	Model No.:	P961-PQ320W-EU
Temperature:	23℃	Relative Humidity:	54%
Distance:	3m	Test Power:	AC 230V/50Hz
Polarization:	Vertical	Test Result:	Pass
Test Time:	2022-03-07	Test By:	Vic
Standard:	(RE)EN55032_Class B_3m		
Test Mode:	FULL LOAD		
Note:	QC 9V/2A		



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	37.1550	43.56	-10.92	32.64	40.00	-7.36	QP
2	44.1200	28.64	-11.90	16.74	40.00	-23.26	QP
3	49.1865	28.60	-14.50	14.10	40.00	-25.90	QP
4	69.3568	31.40	-17.39	14.01	40.00	-25.99	QP
5	85.8983	32.73	-11.57	21.16	40.00	-18.84	QP
6	95.4270	34.77	-13.60	21.17	40.00	-18.83	QP

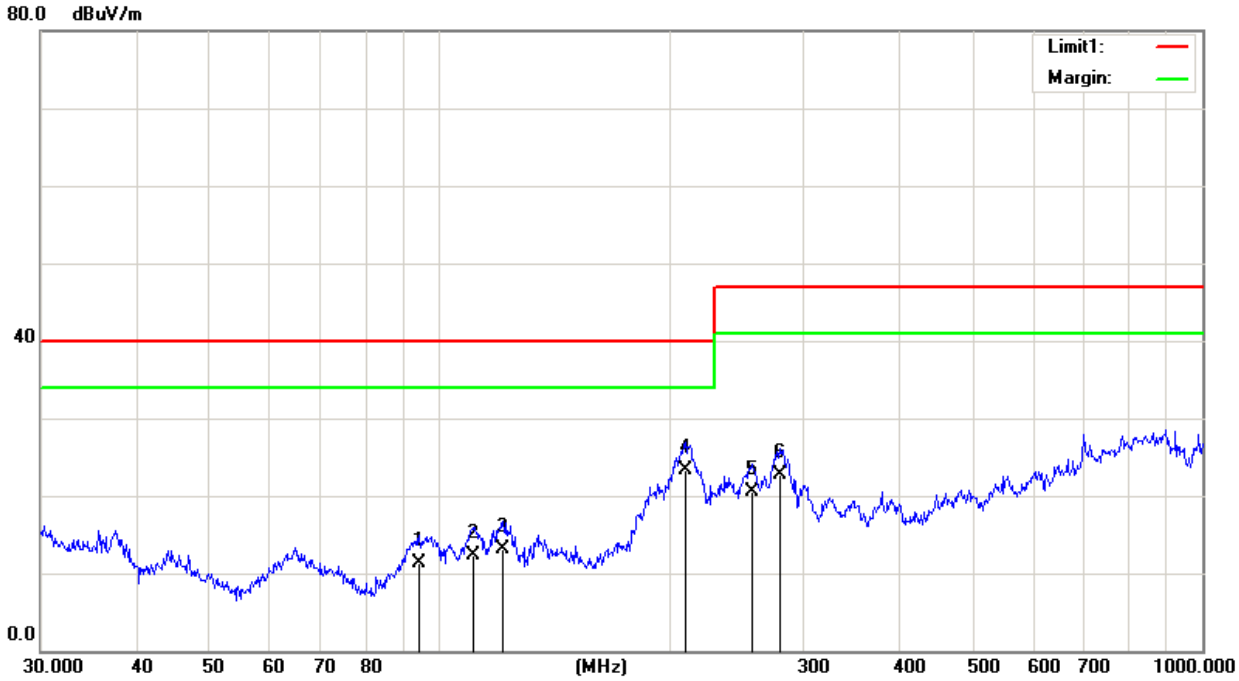
The test result is calculated as the following:

(1) Result = Reading + Correct Factor

(2) Correct Factor = Antenna Factor + Cable Loss – Amplifier Gain

(3) Margin = Result - Limit

EUT:	Power Supply/Travel Charger	Model No.:	P961-PQ320W-EU
Temperature:	23℃	Relative Humidity:	54%
Distance:	3m	Test Power:	AC 230V/50Hz
Polarization:	Horizontal	Test Result:	Pass
Test Time:	2022-03-07	Test By:	Vic
Standard:	(RE)EN55032_Class B_3m		
Test Mode:	FULL LOAD		
Note:	QC 9V/2A		



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	94.0978	28.70	-17.36	11.34	40.00	-28.66	QP
2	110.5687	25.48	-13.14	12.34	40.00	-27.66	QP
3	121.1230	25.69	-12.53	13.16	40.00	-26.84	QP
4	210.0482	32.93	-9.67	23.26	40.00	-16.74	QP
5	256.5210	27.26	-6.73	20.53	47.00	-26.47	QP
6	279.0436	29.44	-6.83	22.61	47.00	-24.39	QP

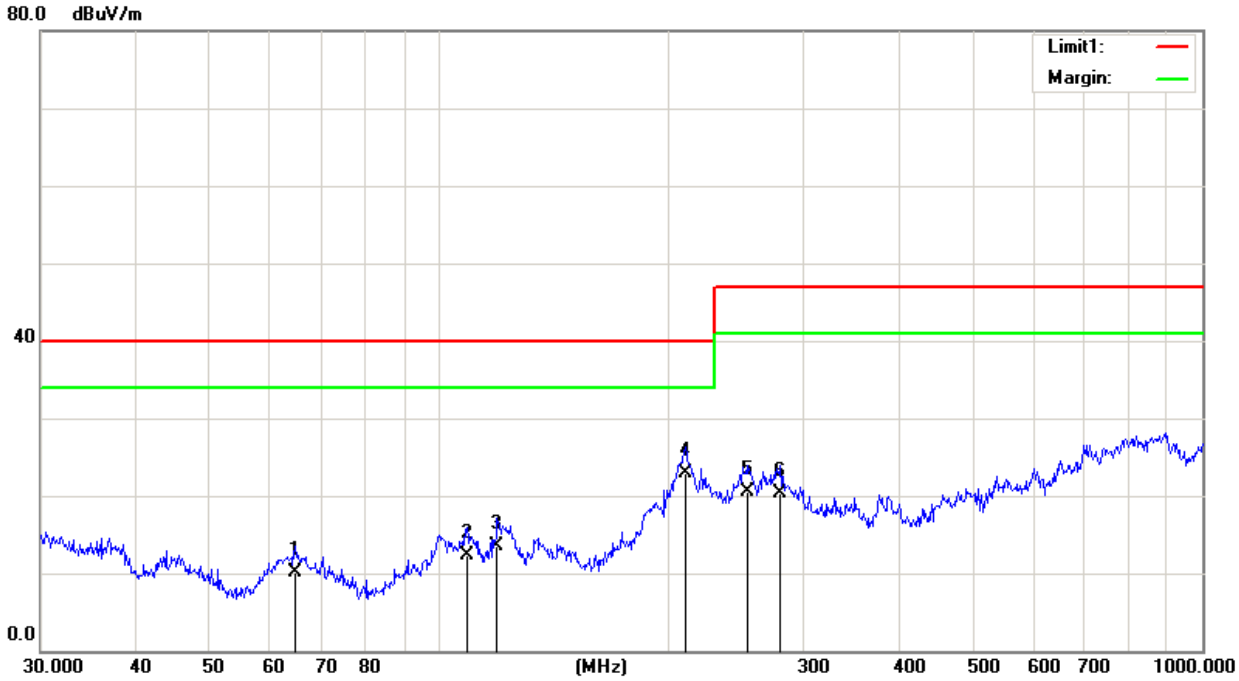
The test result is calculated as the following:

(1) Result = Reading + Correct Factor

(2) Correct Factor = Antenna Factor + Cable Loss – Amplifier Gain

(3) Margin = Result - Limit

EUT:	Power Supply/Travel Charger	Model No.:	P961-PQ320W-EU
Temperature:	23℃	Relative Humidity:	54%
Distance:	3m	Test Power:	AC 110V/60Hz
Polarization:	Horizontal	Test Result:	Pass
Test Time:	2022-03-07	Test By:	Vic
Standard:	(RE)EN55032_Class B_3m		
Test Mode:	FULL LOAD		
Note:	QC 9V/2A		



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	64.6594	24.01	-13.93	10.08	40.00	-29.92	QP
2	108.6470	25.87	-13.61	12.26	40.00	-27.74	QP
3	119.0180	26.42	-12.91	13.51	40.00	-26.49	QP
4	210.0482	32.48	-9.67	22.81	40.00	-17.19	QP
5	252.9482	26.96	-6.53	20.43	47.00	-26.57	QP
6	280.0237	27.07	-6.81	20.26	47.00	-26.74	QP

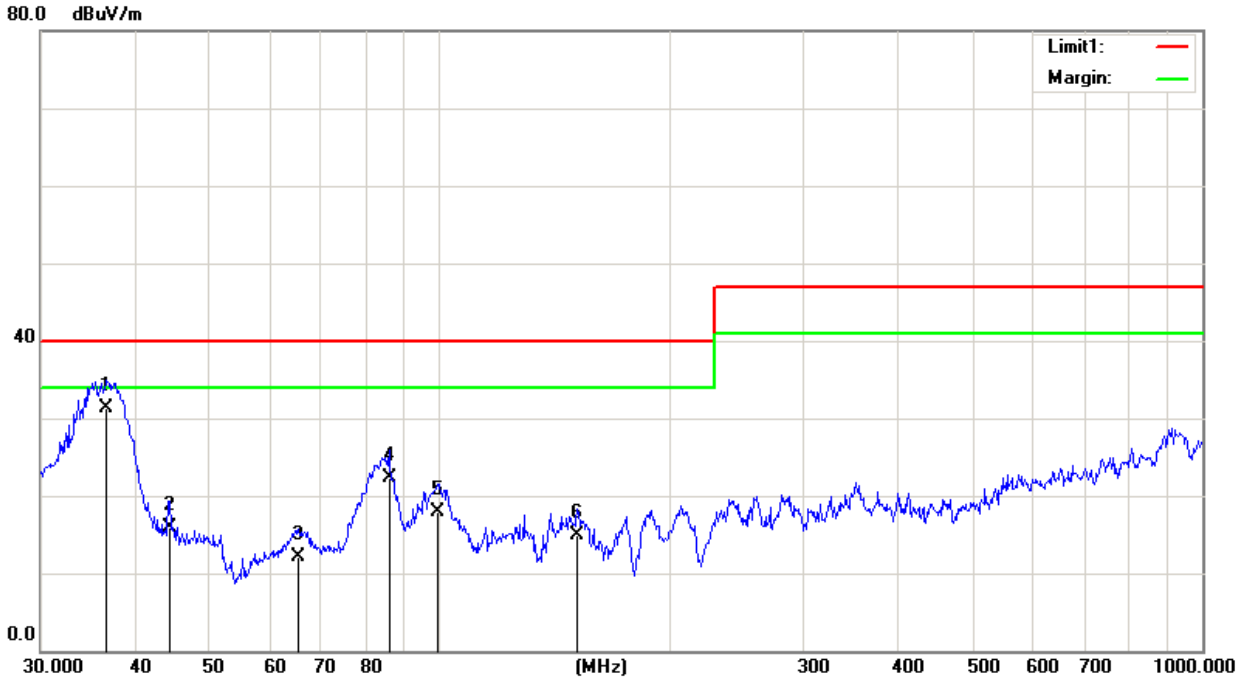
The test result is calculated as the following:

(1) Result = Reading + Correct Factor

(2) Correct Factor = Antenna Factor + Cable Loss – Amplifier Gain

(3) Margin = Result - Limit

EUT:	Power Supply/Travel Charger	Model No.:	P961-PQ320W-EU
Temperature:	23℃	Relative Humidity:	54%
Distance:	3m	Test Power:	AC 110V/60Hz
Polarization:	Vertical	Test Result:	Pass
Test Time:	2022-03-07	Test By:	Vic
Standard:	(RE)EN55032_Class B_3m		
Test Mode:	FULL LOAD		
Note:	QC 9V/2A		



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	36.6375	41.68	-10.42	31.26	40.00	-8.74	QP
2	44.2751	27.66	-11.81	15.85	40.00	-24.15	QP
3	65.3431	30.28	-18.14	12.14	40.00	-27.86	QP
4	85.8983	33.83	-11.57	22.26	40.00	-17.74	QP
5	99.5279	31.50	-13.56	17.94	40.00	-22.06	QP
6	151.5971	23.93	-9.07	14.86	40.00	-25.14	QP

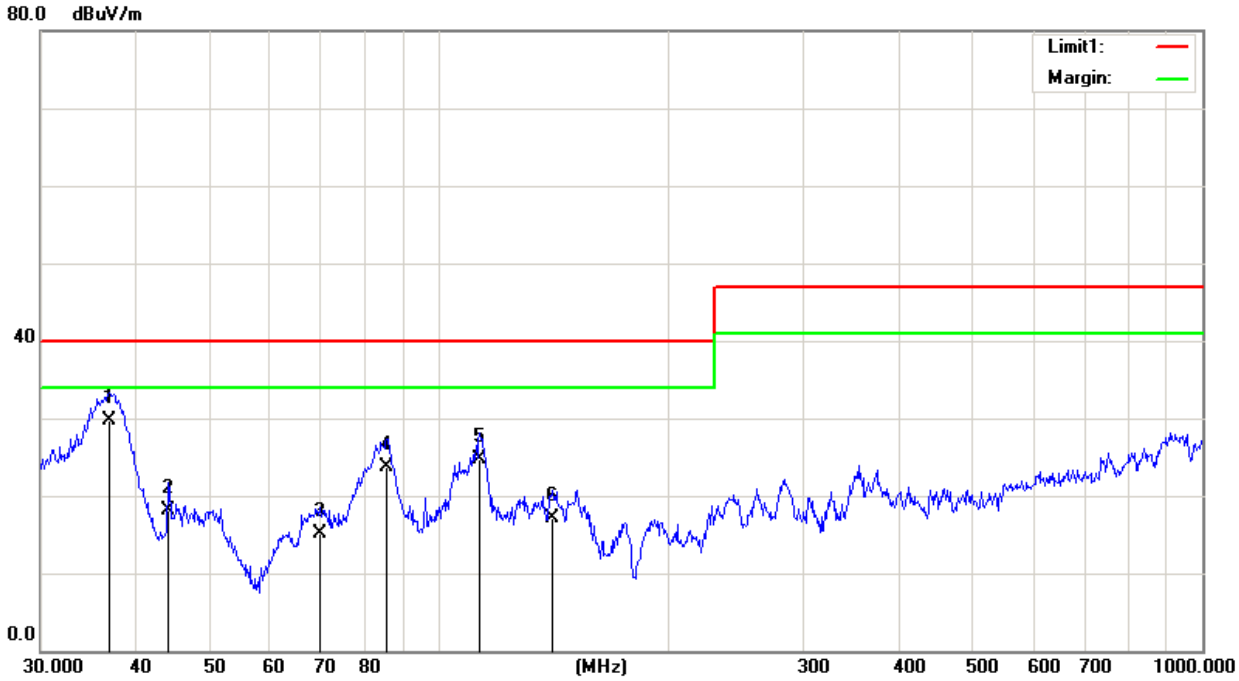
The test result is calculated as the following:

(1) Result = Reading + Correct Factor

(2) Correct Factor = Antenna Factor + Cable Loss – Amplifier Gain

(3) Margin = Result - Limit

EUT:	Power Supply/Travel Charger	Model No.:	P961-PQ320W-EU
Temperature:	23℃	Relative Humidity:	54%
Distance:	3m	Test Power:	AC 230V/50Hz
Polarization:	Vertical	Test Result:	Pass
Test Time:	2022-03-07	Test By:	Vic
Standard:	(RE)EN55032_Class B_3m		
Test Mode:	FULL LOAD		
Note:	QC 12V/1.5A		



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	36.8952	40.35	-10.67	29.68	40.00	-10.32	QP
2	44.1200	30.01	-11.90	18.11	40.00	-21.89	QP
3	69.6003	32.41	-17.35	15.06	40.00	-24.94	QP
4	85.2980	34.49	-10.86	23.63	40.00	-16.37	QP
5	112.9196	37.56	-12.95	24.61	40.00	-15.39	QP
6	140.8351	27.56	-10.42	17.14	40.00	-22.86	QP

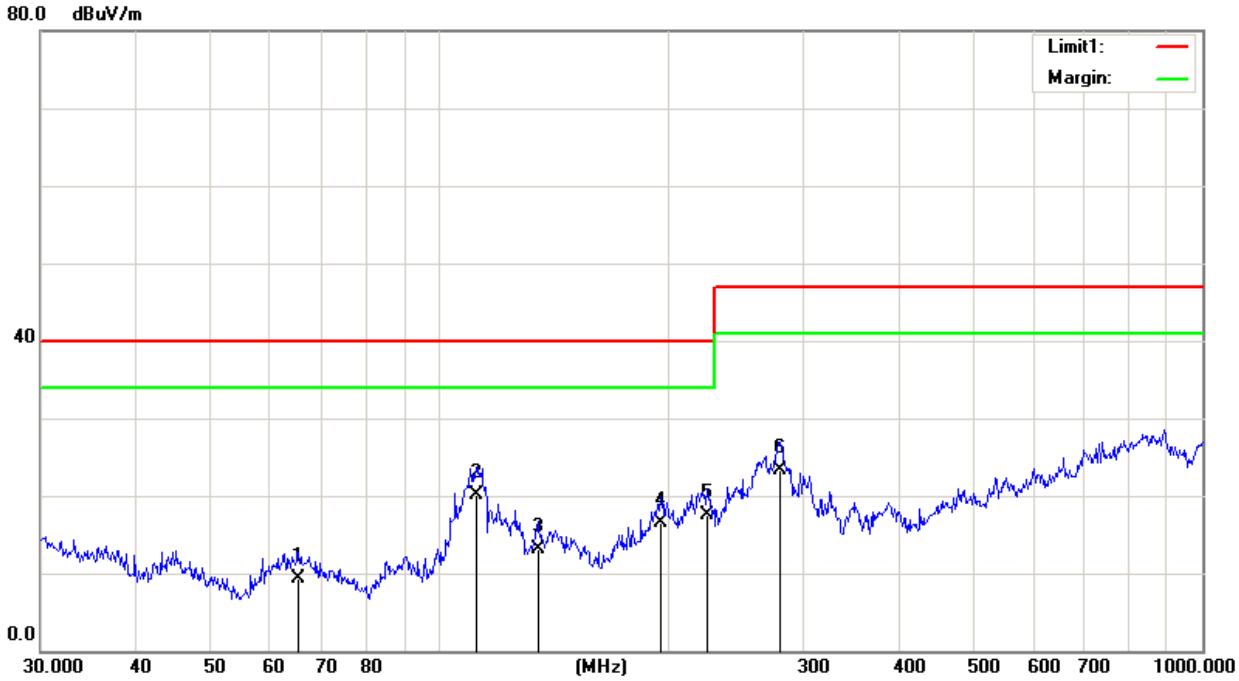
The test result is calculated as the following:

(1) Result = Reading + Correct Factor

(2) Correct Factor = Antenna Factor + Cable Loss – Amplifier Gain

(3) Margin = Result - Limit

EUT:	Power Supply/Travel Charger	Model No.:	P961-PQ320W-EU
Temperature:	23℃	Relative Humidity:	54%
Distance:	3m	Test Power:	AC 230V/50Hz
Polarization:	Horizontal	Test Result:	Pass
Test Time:	2022-03-07	Test By:	Vic
Standard:	(RE)EN55032_Class B_3m		
Test Mode:	FULL LOAD		
Note:	QC 12V/1.5A		



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	65.3431	23.17	-13.96	9.21	40.00	-30.79	QP
2	111.7378	33.65	-13.53	20.12	40.00	-19.88	QP
3	134.5592	26.89	-13.75	13.14	40.00	-26.86	QP
4	195.1365	26.53	-10.10	16.43	40.00	-23.57	QP
5	224.5192	26.88	-9.40	17.48	40.00	-22.52	QP
6	280.0237	30.07	-6.81	23.26	47.00	-23.74	QP

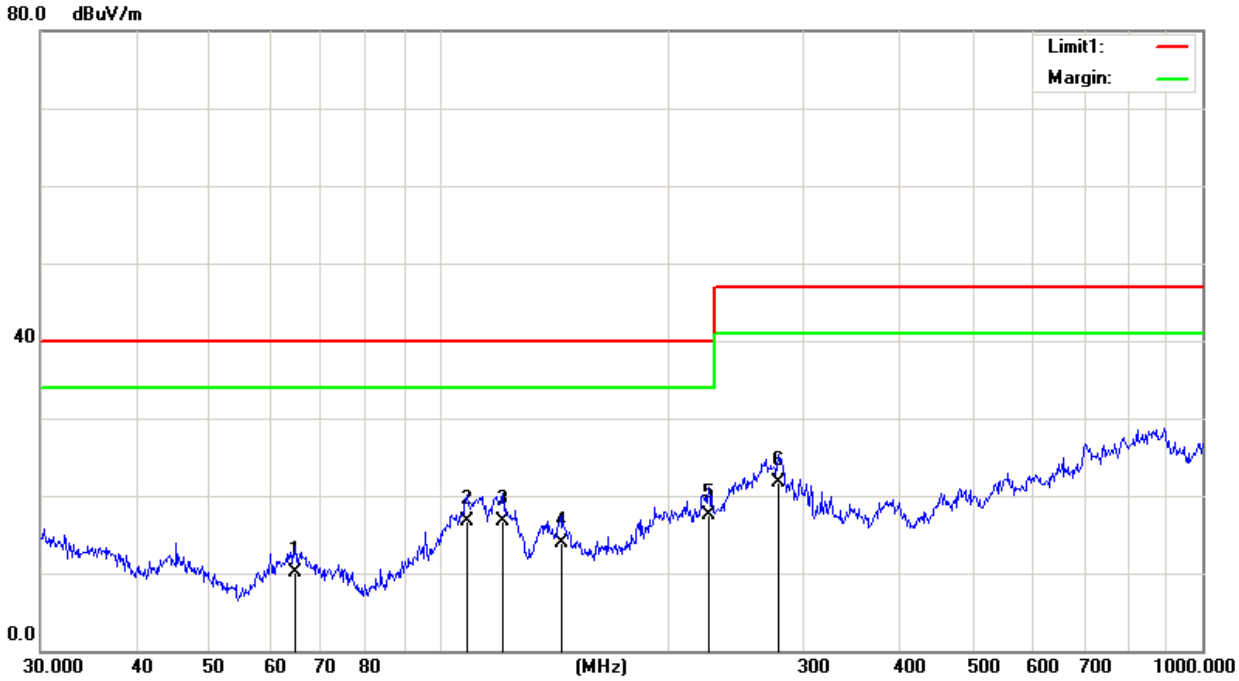
The test result is calculated as the following:

(1) Result = Reading + Correct Factor

(2) Correct Factor = Antenna Factor + Cable Loss – Amplifier Gain

(3) Margin = Result - Limit

EUT:	Power Supply/Travel Charger	Model No.:	P961-PQ320W-EU
Temperature:	23℃	Relative Humidity:	54%
Distance:	3m	Test Power:	AC 110V/60Hz
Polarization:	Horizontal	Test Result:	Pass
Test Time:	2022-03-07	Test By:	Vic
Standard:	(RE)EN55032_Class B_3m		
Test Mode:	FULL LOAD		
Note:	QC 12V/1.5A		



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	64.6594	23.94	-13.93	10.01	40.00	-29.99	QP
2	108.6470	30.25	-13.61	16.64	40.00	-23.36	QP
3	121.1230	29.25	-12.53	16.72	40.00	-23.28	QP
4	144.3348	27.21	-13.35	13.86	40.00	-26.14	QP
5	225.3078	26.87	-9.41	17.46	40.00	-22.54	QP
6	278.0668	28.64	-6.86	21.78	47.00	-25.22	QP

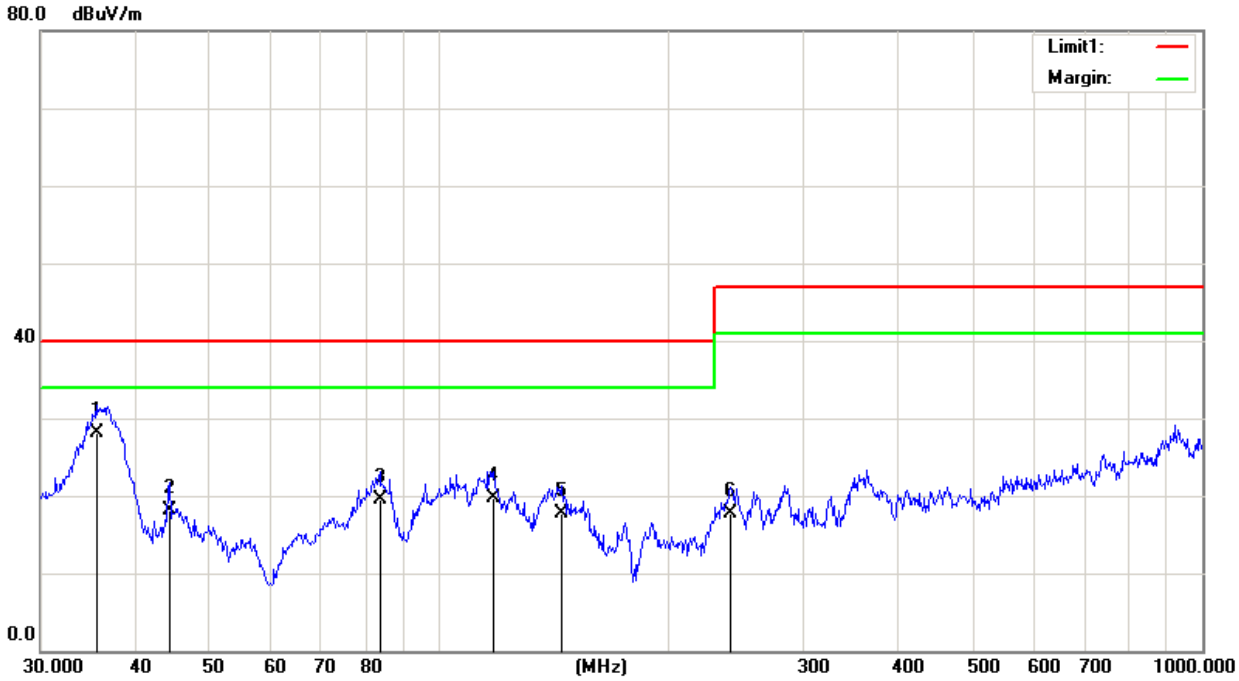
The test result is calculated as the following:

(1) Result = Reading + Correct Factor

(2) Correct Factor = Antenna Factor + Cable Loss – Amplifier Gain

(3) Margin = Result - Limit

EUT:	Power Supply/Travel Charger	Model No.:	P961-PQ320W-EU
Temperature:	23℃	Relative Humidity:	54%
Distance:	3m	Test Power:	AC 110V/60Hz
Polarization:	Vertical	Test Result:	Pass
Test Time:	2022-03-07	Test By:	Vic
Standard:	(RE)EN55032_Class B_3m		
Test Mode:	FULL LOAD		
Note:	QC 12V/1.5A		



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	35.4992	37.42	-9.31	28.11	40.00	-11.89	QP
2	44.2751	29.87	-11.81	18.06	40.00	-21.94	QP
3	83.5220	30.63	-11.20	19.43	40.00	-20.57	QP
4	117.7724	32.09	-12.41	19.68	40.00	-20.32	QP
5	144.3348	27.62	-9.84	17.78	40.00	-22.22	QP
6	240.8302	24.29	-6.67	17.62	47.00	-29.38	QP

The test result is calculated as the following:

(1) Result = Reading + Correct Factor

(2) Correct Factor = Antenna Factor + Cable Loss – Amplifier Gain

(3) Margin = Result - Limit

3.3 ASYMMETRIC MODE CONDUCTED EMISSIONS

Current Test Result Summary (Run time)			
EUT：	Power Supply/Travel Charger	**Model No. ：**	P961-PQ320W-EU
Temperature：	22℃	**Relative Humidity：**	50%
Pressure：	1009 hPa	**Test Power ：**	AC 230V/50Hz
Note:			

Applicable to 1. wired network ports

2. optical fibre ports with metallic shield or tension members

3. broadcast receiver tuner ports

4. antenna ports

3.4 CONDUCTED DIFFERENTIAL VOLTAGE EMISSIONS

Current Test Result Summary (Run time)			
EUT:	Power Supply/Travel Charger	**Model No. :**	P961-PQ320W-EU
Temperature:	22℃	**Relative Humidity:**	50%
Pressure:	1009 hPa	**Test Power :**	AC 230V/50Hz
Note:			

Applicable to 1. TV broadcast receiver tuner ports with an accessible connector

2. RF modulator output ports

3. FM broadcast receiver tuner ports with an accessible connector

3.5 HARMONICS CURRENT MEASUREMENT

Current Test Result Summary (Run time)			
EUT:	Power Supply/Travel Charger	**Model No. :**	P961-PQ320W-EU
Temperature:	22℃	**Relative Humidity:**	50%
Pressure:	1009 hPa	**Test Power :**	AC 230V/50Hz
Note:			
Highest parameter values during test:			

Remark: This rated power of EUT is under 75W, therefore it isn't specified in this standard.

3.6 VOLTAGE FLUCTUATION AND FLICKS MEASUREMENT

3.6.1 LIMITS OF VOLTAGE FLUCTUATION AND FLICKSMEASUREMENT

Tests	Limits		Descriptions
	IEC61000-4-15	IEC 61000-3-3	
Pst	≤ 1.0, Tp= 10 min.	≤ 1.0, Tp= 10 min.	Short Term Flicker Indicator
Plt	≤ 0.65, Tp=2 hr.	≤ 0.65, Tp=2 hr.	Long Term Flicker Indicator
dc	≤ 3.3 %	≤ 3.3 %	Relative Steady-State V-Chang
dmax	≤ 4 %	≤ 4 %	Maximum Relative V-change
d (t)	>3.3%	>3.3%	Relative V-change characteristic
Tmax for d (t)	≤ 500 ms	≤ 500 ms	Maximum time duration

3.6.2 MEASUREMENT INSTRUMENTS LIST

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Low Frequency Measurement System	EMC-Partner	HARMONIC1000	130488	05/26/2022

3.6.3 TEST PROCEDURE

a. Harmonic Current Test:
Test was performed according to the procedures specified in Clause 5.0 of IEC555-2 and/or Sub-clause 6.2 of IEC/EN 61000-3-2 depend on which standard adopted for compliance measurement.

b. Fluctuation and Flickers Test:
Tests was performed according to the Test Conditions/Assessment of Voltage Fluctuations specified in Clause 5.0/6.0 of IEC555-3 and/or Clause 6.0/4.0 of IEC 61000-3-3 depend on which standard adopted for compliance measurement.

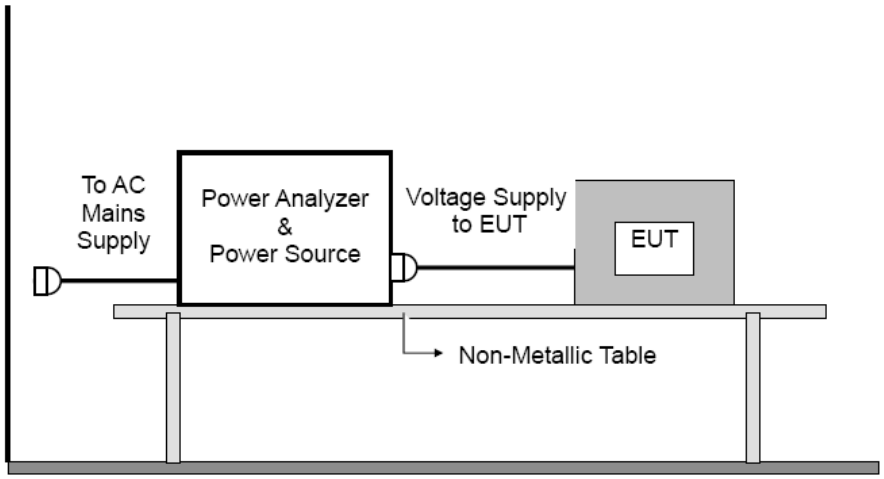
c. All types of harmonic current and/or voltage fluctuation in this report are assessed by direct measurement using flicker-meter.

d. For the actual test configuration, please refer to the related Item –EUT Test Photos.

3.6.4 DEVIATION FROM TEST STANDARD

No deviation

3.6.5 TESTSETUP

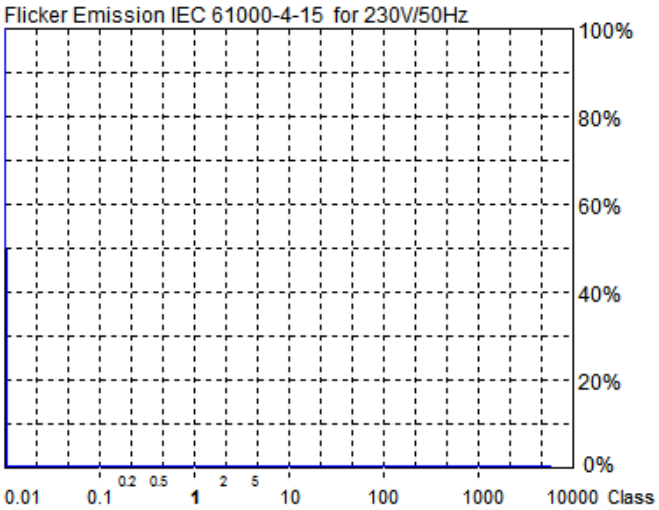


3.6.6 EUT OPERATING CONDITIONS

The EUT tested system was configured as the statements of **2.2** Unless otherwise a special operating condition is specified in the follows during the testing.

3.6.7 TEST RESULTS

EUT：	Power Supply/Travel Charger	**Model No. ：**	P961-PQ320W-EU
Temperature：	22℃	**Relative Humidity：**	50%
Pressure：	1009 hPa	**Test Power ：**	AC 230V/50Hz
Test Mode ：	FULL LOAD		
Note:			



Actual Flicker (Fli):	**0.00**
Short-term Flicker (Pst):	**0.07**
Limit (Pst):	1.00
Long-term Flicker (Plt):	**0.07**
Limit (Plt):	0.65
Maximum Relative Volt. Change (dmax):	**0.00%**
Limit (dmax):	4.00%
Relative Steady-state Voltage Change (dc):	**0.01%**
Limit (dc):	3.30%
Tmax 3.30% (dt):	**0.00ms**
Limit (dt>Lim):	500ms

Flicker Emission - IEC 61000-3-3 , EN 61000-3-3

Urms =	230.1	V	P =	16.10	W
Irms =	0.181	A	pf =	0.387	

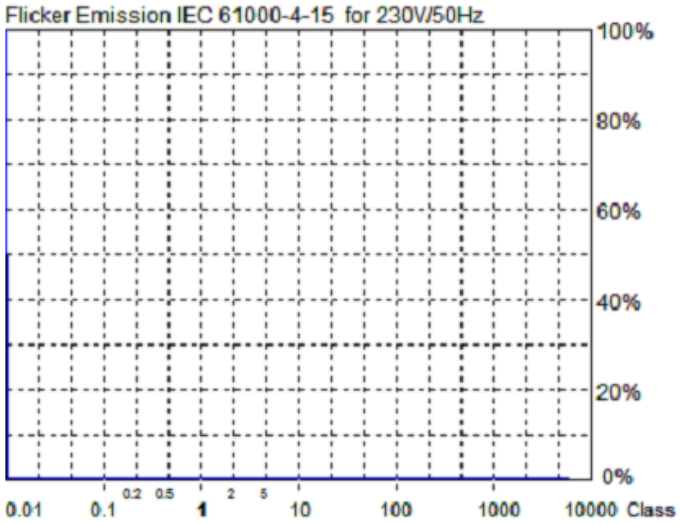
Range:	2 A
V-nom:	230 V
TestTime:	10 min (100%)

P961-PQ320W-EU

PD 5V/3A

Test completed, Result: PASSED

HAR-1000 EMC-Partner



Actual Flicker (Fli):	**0.00**
Short-term Flicker (Pst):	**0.07**
Limit (Pst):	1.00
Long-term Flicker (Plt):	**0.07**
Limit (Plt):	0.65
Maximum Relative Volt. Change (dmax):	**0.17%**
Limit (dmax):	4.00%
Relative Steady-state Voltage Change (dc):	**0.26%**
Limit (dc):	3.30%
Tmax 3.30% (dt):	**0.00ms**
Limit (dt>Lim):	500ms

Flicker Emission - IEC 61000-3-3 , EN 61000-3-3

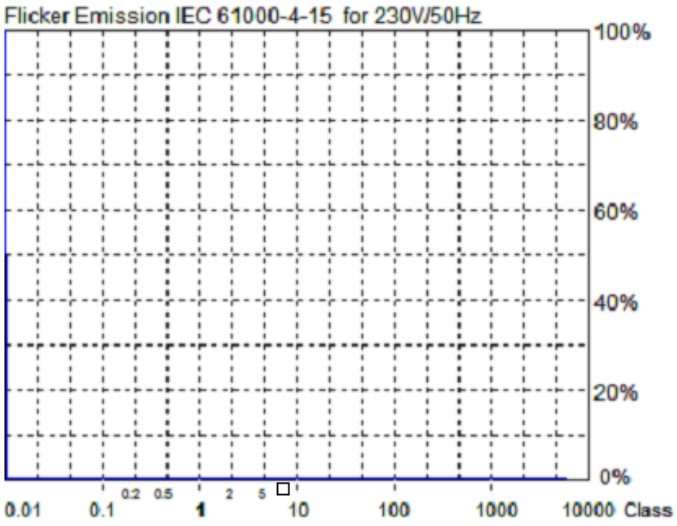
Urms =	230.1	V	P =	22.63	W
Irms =	0.243	A	pf =	0.404	

Range:	2 A
V-nom:	230 V
TestTime:	10 min (100%)

P961-PQ320W-EU
PD 12V/1.67A

Test completed, Result: PASSED

HAR-1000 EMC-Partner



Actual Flicker (Fli):	**0.00**
Short-term Flicker (Pst):	**0.07**
Limit (Pst):	1.00
Long-term Flicker (Plt):	**0.07**
Limit (Plt):	0.65
Maximum Relative Volt. Change (dmax):	**0.19%**
Limit (dmax):	4.00%
Relative Steady-state Voltage Change (dc):	**0.25%**
Limit (dc):	3.30%
Tmax 3.30% (dt):	**0.00ms**
Limit (dt>Lim):	500ms

Flicker Emission - IEC 61000-3-3 , EN 61000-3-3

Urms =	230.1	V	P =	18.26	W
Irms =	0.203	A	pf =	0.391	

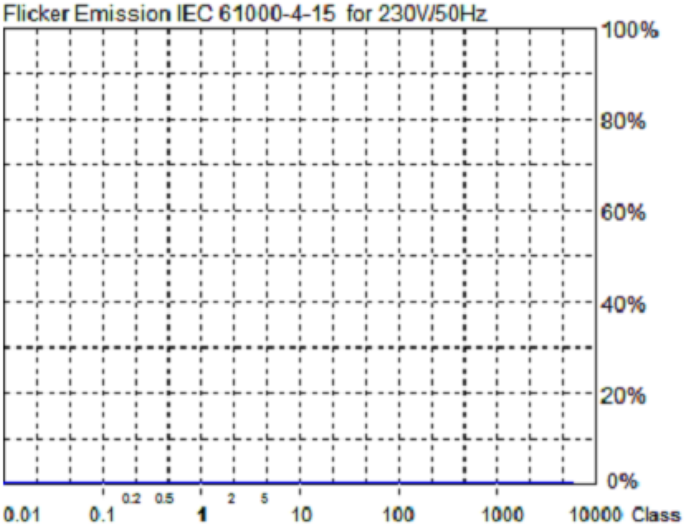
Range:	2 A
V-nom:	230 V
TestTime:	10 min (100%)

P961-PQ320W-EU
QC 5V/3A

Test completed, Result: PASSED

HAR-1000 EMC-Partner

Flicker Emission IEC 61000-4-15 for 230V/50Hz



Actual Flicker (Fli):	**0.00**
Short-term Flicker (Pst):	**0.00**
Limit (Pst):	1.00
Long-term Flicker (Plt):	**0.00**
Limit (Plt):	0.65
Maximum Relative Volt. Change (dmax):	**0.15%**
Limit (dmax):	4.00%
Relative Steady-state Voltage Change (dc):	**0.06%**
Limit (dc):	3.30%
Tmax 3.30% (dt):	**0.00ms**
Limit (dt>Lim):	500ms

Flicker Emission - IEC 61000-3-3 , EN 61000-3-3

Urms =	230.1	V	P =	21.06	W
Irms =	0.231	A	pf =	0.395	

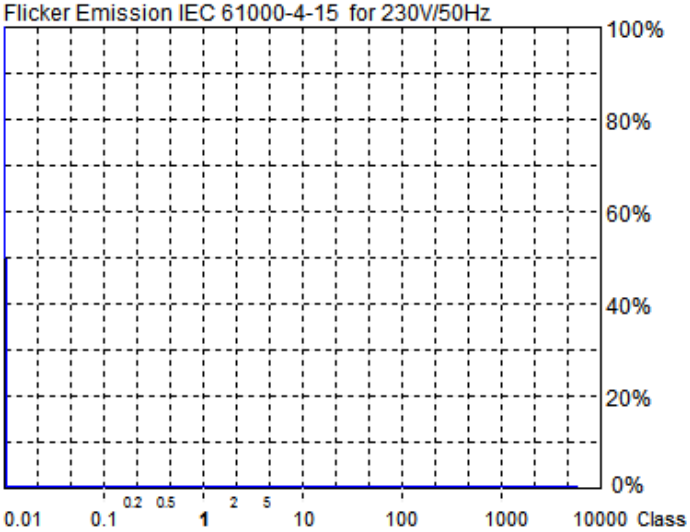
Range:	2 A
V-nom:	230 V
TestTime:	10 min (0%)

P961-PQ320W-EU

QC 12V/1.5A

HAR-1000 EMC-Partner

Flicker Emission IEC 61000-4-15 for 230V/50Hz



Actual Flicker (Fli):	**0.00**
Short-term Flicker (Pst):	**0.07**
Limit (Pst):	1.00
Long-term Flicker (Plt):	**0.07**
Limit (Plt):	0.65
Maximum Relative Volt. Change (dmax):	**0.06%**
Limit (dmax):	4.00%
Relative Steady-state Voltage Change (dc):	**0.11%**
Limit (dc):	3.30%
Tmax 3.30% (dt):	**0.00ms**
Limit (dt>Lim):	500ms

Flicker Emission - IEC 61000-3-3 , EN 61000-3-3

Urms =	230.1	V	P =	20.22	W
Irms =	0.223	A	pf =	0.395	

Range:	2 A
V-nom:	230 V
TestTime:	10 min (100%)

P961-PQ320W-EU

Test completed, Result: PASSED

QC+PD 5V/1.5A+5V/1.5A

HAR-1000 EMC-Partner

4. EMC IMMUNITY TEST

4.1 STANDARD COMPLIANCE/SERVRITY LEVEL/CRITERIA

Tests Standard No.	TEST SPECIFICATION Level	Test Mode Test Ports	Perform. Criteria	Remark
1. ESD IEC 61000-4-2	±8kV air discharge ±4kV contact discharge	Enclosure	B	
	±4kV HCP discharge ±4kV VCP discharge	Enclosure	B	
2. RS IEC 61000-4-3	80 MHz to 1000 MHz 3V/m(rms), 1 kHz, 80%, AM modulated	Enclosure	A	
3. RS IEC 61000-4-3	1800 MHz, 2600MHz, 3500 MHz, 5000MHz(±1 %) 3V/m(rms), 1 kHz, 80%, AM modulated	Enclosure	A	
4. EFT/Burst IEC 61000-4-4	0.5 kV(peak) 5/50ns Tr/Th 5kHz Repetition Freq. (For CPE xDSL ports repetition frequency is 100 kHz.)	Analogue/digital data ports	B	**(1)(2)**
	0.5kV(peak) 5/50ns Tr/Th 5kHz Repetition Freq.	DC network power ports	B	
	1.0kV(peak) 5/50ns Tr/Th 5kHz Repetition Freq.	AC mains power ports	B	
5. Surges IEC 61000-4-5	Port type: unshielded symmetrical Apply: lines to ground			
	primary protection is intended: ±1 kV and ±4 kV 10/700(5/320) Tr/Th μs	Analogue/digital data ports	C	**(1)**
	primary protection is not intended: ±1 kV 10/700(5/320) Tr/Th μs			**(1)**
	Port type: coaxial or shielded Apply: shield to ground			
	±0.5 kV 1.2/50(8/20) Tr/Th μs	Analogue/digital data ports	B	**(1)**
	Surges are applied line to reference ground for each individual line: ±0.5 kV(peak) 1.2/50(8/20) Tr/Th μs	DC network power ports	B	**(1)**

5. Surges IEC 61000-4-5	line and line: ±1 kV(peak) 1.2/50(8/20) Tr/Th μs line and earth (ground): ±2 kV(peak) 1.2/50(8/20) Tr/Th μs	AC mains power ports	B	
6. Injected Current IEC 61000-4-6	0.15 MHz to 10 MHz 3V(rms), 1KHz 80%, 10 MHz to 30 MHz 3V-1V(rms), 1KHz 80%, 30 MHz to 80 MHz 1V(rms), 1KHz 80%, AM Modulated 150Ω source impedance	Analogue/digital data ports	A	**(1)(2)**
	0.15 MHz to 10 MHz 3V(rms), 1KHz 80%, 10 MHz to 30 MHz 3V-1V(rms), 1KHz 80%, 30 MHz to 80 MHz 1V(rms), 1KHz 80%, AM Modulated 150Ω source impedance	DC network power ports	A	
	0.15 MHz to 10 MHz 3V(rms), 1KHz 80%, 10 MHz to 30 MHz 3V-1V(rms), 1KHz 80%, 30 MHz to 80 MHz 1V(rms), 1KHz 80%, AM Modulated 150Ω source impedance	AC mains power ports	A	
7. Power Frequency Magnetic Field IEC 61000-4-8	50 Hz or 60 Hz, 1A/m	Enclosure	A	**(1)**
8. Volt. Interruptions Volt. Dips IEC 61000-4-11	Voltage dips: Residual voltage ＜5% 0.5 cycles Residual voltage 70% 25 cycles (50Hz), 30 cycles (60Hz), Voltage interruptions: Residual voltage ＜5% 250 cycles (50Hz), 300 cycles (60Hz)	AC Power Port	B / C / C	**(1)**

Broadband impulse noise disturbances,repetitive	0.15 MHz to 0.5 MHz 107dBuV 0.5 MHz to 10 MHz 107dBuV to 36 dBuV 10 MHz to 30 MHz 36dBuV to 30 dBuV	Analogue/digital data ports (Applicable only to CPE xDSL ports)	A	**(1)(2)**
	0.70 ms 8.3 ms(for 60Hz) 10 ms(for 50Hz)	Analogue/digital data ports (Applicable only to CPE xDSL ports)	A	**(1)(2)**
Broadband impulse noise disturbances,isolated	0.15 MHz to 30 MHz 110dBuV	Analogue/digital data ports (Applicable only to CPE xDSL ports)	B	**(1)(2)**
	0.24 ms 10 ms(for 60Hz) 300 ms(for 50Hz)	Analogue/digital data ports (Applicable only to CPE xDSL ports)	B	**(1)(2)**

* Remark:

(1) “N/A”: denotes test is not applicable in this Test Report.

(2) Applicable only to ports which, according to the manufacturer’s specification, support cable lengths greater than 3 m..

(3) Applicable only to ports which, according to the manufacturer’s specification, may connect directly to outdoor cables.

(4) Where the surge coupling network for the 10/700 (5/320) μs waveform affects the functioning of high speed data ports, the test shall be carried out using a 1,2/50 (8/20) μs waveform and appropriate coupling network.

4.2 GENERAL PERFORMANCE CRITERIA

According to **EN55035** standard, the general performance criteria as following:

Criterion A	The equipment shall continue to operate as intended without operator intervention. No degradation of performance, loss of function or change of operating state is allowed below a performance level specified by the manufacturer when the equipment is used as intended.The performance level may be replaced by a permissible loss of performance. If the minimum performance level or the permissible performance loss is not specified by the manufacturer,then either of these may be derived from the product description and documentation, and by what the user may reasonably expect from the equipment if used as intended.
Criterion B	During the application of the disturbance, degradation of performance is allowed. However, no unintended change of actual operating state or stored data is allowed to persist after the test. After the test, the equipment shall continue to operate as intended without operator intervention; no degradation of performance or loss of function is allowed, below a performance level specified by the manufacturer, when the equipment is used as intended.The performance level may be replaced by a permissible loss of performance. If the minimum performance level (or the permissible performance loss), or recovery time, is not specified by the manufacturer, then either of these may be derived from the product description and documentation, and by what the user may reasonably expect from the equipment if used as intended.
Criterion C	Loss of function is allowed, provided the function is self-recoverable, or can be restored by the operation of the controls by the user in accordance with the manufacturer's instructions. A reboot or re-start operation is allowed. Information stored in non-volatile memory, or protected by a battery backup, shall not be lost.

4.3 ESD TESTING

4.3.1 TEST SPECIFICATION

Basic Standard:	IEC 61000-4-2
Discharge Impedance:	330 ohm / 150 pF
Required Performance	B
Discharge Voltage:	Air Discharge：±2kV/±4kV/±8kV (Direct) Contact Discharge：±2kV/±4kV (Direct/Indirect)
Polarity:	Positive & Negative
Number of Discharge:	Air Discharge: min. 20 times at each test point Contact Discharge: min. 200 times in total
Discharge Mode:	Single Discharge
Discharge Period:	1 second minimum

4.3.2 MEASUREMENT INSTRUMENTS

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Electrostatic discharge generator	Prima	ESD61002TC	PRI180321867	03/11/2022

4.3.3 TEST PROCEDURE

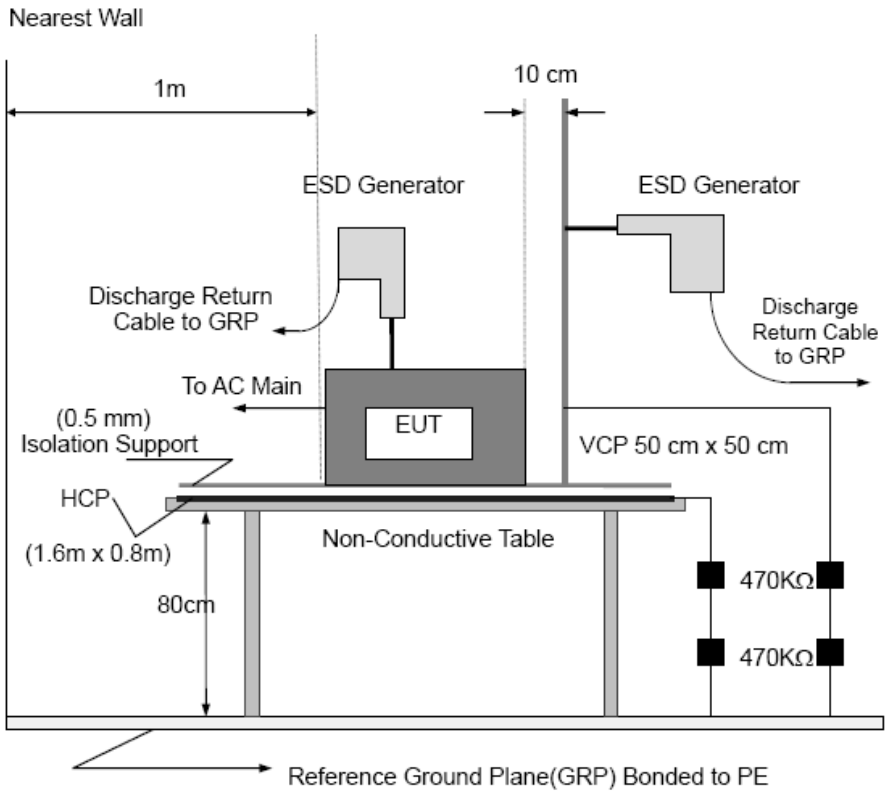
The test generator necessary to perform direct and indirect application of discharges to the EUT in the following manner:

a. Contact discharge was applied to conductive surfaces and coupling planes of the EUT.
   During the test, it was performed with single discharges. For the single discharge time between successive single discharges was at least 1 second. The EUT shall be exposed to at least 200 discharges, 100 each at negative and positive polarity, at a minimum of four test points. One of the test points shall be subjected to at least 50 indirect discharges to the center of the front edge of the horizontal coupling plane. The remaining three test points shall each receive at least 50 direct contact discharges.
   If no direct contact test points are available, then at least 200 indirect discharges shall be applied in the indirect mode. Test shall be performed at a maximum repetition rate of one discharge per second.
   Vertical Coupling Plane (VCP):
   The coupling plane, of dimensions 0.5m x 0.5m, is placed parallel to, and positioned at a distance 0.1m from, the EUT, with the Discharge Electrode touching the coupling plane.
   The four faces of the EUT will be performed with electrostatic discharge.
   Horizontal Coupling Plane (HCP):
   The coupling plane is placed under to the EUT. The generator shall be positioned vertically at a distance of 0.1m from the EUT, with the Discharge Electrode touching the coupling plane.
   The four faces of the EUT will be performed with electrostatic discharge.
b. Air discharges at insulation surfaces of the EUT.
   It was at least ten single discharges with positive and negative at the same selected point.
c. For the actual test configuration, please refer to the related Item –EUT Test Photos.

4.3.4 DEVIATION FROM TEST STANDARD

No deviation

4.3.5 TEST SETUP



Note:

TABLE-TOP EQUIPMENT

The configuration consisted of a wooden table 0.8 meters high standing on the Ground Reference Plane. The GRP consisted of a sheet of aluminum at least 0.25mm thick, and 2.5 meters square connected to the protective grounding system. A Horizontal Coupling Plane (1.6m x 0.8m) was placed on the table and attached to the GRP by means of a cable with 940k total impedance. The equipment under test, was installed in a representative system as described in section 7 of IEC 61000-4-2, and its cables were placed on the HCP and isolated by an insulating support of 0.5mm thickness. A distance of1-meter minimum was provided between the EUT and the walls of the laboratory and any other metallic structure.

FLOOR-STANDING EQUIPMENT

The equipment under test was installed in a representative system as described in section 7 of IEC 61000-4-2, and its cables were isolated from the Ground Reference Plane by an insulating support of0.1-meter thickness. The GRP consisted of a sheet of aluminum that is at least 0.25mm thick, and 2.5meters square connected to the protective grounding system and extended at least 0.5 meters from the EUT on all sides.

4.3.6 TEST RESULTS

EUT：	Power Supply/Travel Charger	**Model No. ：**	P961-PQ320W-EU
Temperature：	23.3℃	**Relative Humidity：**	55%
Pressure：	1009 hPa	**Test Power ：**	AC 230V/50Hz
Test Mode ：	FULL LOAD		
Note:			

Mode	**Air Discharge**								**Contact Discharge**							
	±2KV		**±4KV**		**±8KV**		**±12KV**		**±2KV**		**±4KV**		**±6KV**		**±8KV**	
Location	P	N	P	N	P	N	P	N	P	N	P	N	P	N	P	N
Enclosure	A	A	A	A	A	A										
Slot	A	A	A	A	A	A										
Output port	A	A	A	A	A	A										
Criteria	**B**								**B**							
Result	**A**								**N/A**							
Judgment	**PASS**								**N/A**							

Mode	**HCP Discharge**								**VCP Discharge**							
	±2KV		**±4KV**		**±6KV**		**±8KV**		**±2KV**		**±4KV**		**±6KV**		**±8KV**	
Location	P	N	P	N	P	N	P	N	P	N	P	N	P	N	P	N
Front	A	A	A	A					A	A	A	A				
Rear	A	A	A	A					A	A	A	A				
Left	A	A	A	A					A	A	A	A				
Right	A	A	A	A					A	A	A	A				
Criteria	**B**								**B**							
Result	**A**								**A**							
Judgment	**PASS**								**PASS**							

Note:

1) P/N denotes the Positive/Negative polarity of the output voltage.
2) Test condition:
   Direct / Indirect (HCP/VCP) discharges: Minimum 50 times (Positive/Negative) at each point. Air discharges: Minimum 50 times (Positive/Negative) at each point.
3) Test location(s) in which discharge (Air and contact discharge) to be applied illustrated by photos shown in next page(s)
4) The Indirect (HCP/VCP) discharges description of test point as following:
   1.left side 2.right side 3.front side 4.rear side
5) N/A - denotes test is not applicable in this test report
6) Criteria B: The EUT function loss during the test, but self-recoverable after the test.

4.4 RS TESTING

4.4.1 TEST SPECIFICATION

Basic Standard:	IEC 61000-4-3
Required Performance	A
Frequency Range:	80 MHz - 1000 MHz 1800 MHz, 2600 MHz, 3500 MHz, 5000MHz (±1 %)
Field Strength:	3V/m(rms)
Modulation:	1kHz Sine Wave, 80%, AM Modulation
Frequency Step:	1 % of fundamental
Polarity of Antenna:	Horizontal and Vertical
Test Distance:	3 m
Antenna Height:	1.5 m
Dwell Time:	at least 3 seconds

4.4.2 TEST SITE

Cerpass Technology (Dong Guan) Co., Ltd.
Room 102, No. 5, Xing'an Road, Chang'an Town, Dongguan City, Guangdong 523850, China.

4.4.3 MEASUREMENT INSTRUMENTS

Item	Instrument/Ancillary	Manufacturer	Model No.	Serial No.	Valid Date.
1	Signal Generator	R&S	SML03	103287	2023.01.07
2	Signal Generator	R&S	SMR30	100049	2023.01.07
3	AVG Power Sensor	R&S	NRP-Z91	100383	2023.01.07
4	Power Amplifer	BONN	BLWA0830-160/100/40D	76659	2023.01.07
5	Preamplifier	MILMEGA	AS1860-30	10040456	2023.01.07
6	Istropic Electric Field Probe	EST.LINDGREN	HI-6105	137445	2022.08.07
7	EMS Antenna	R&S	HL046E	100028	N/A
8	Broad-Band Horn Antenna	Schwarzbeck	BBHA9120 E	475	2023.01.16
9	Temperature/ Humidity Meter	mingle	ETH529	N/A	2023.01.07

4.4.4 TEST PROCEDURE

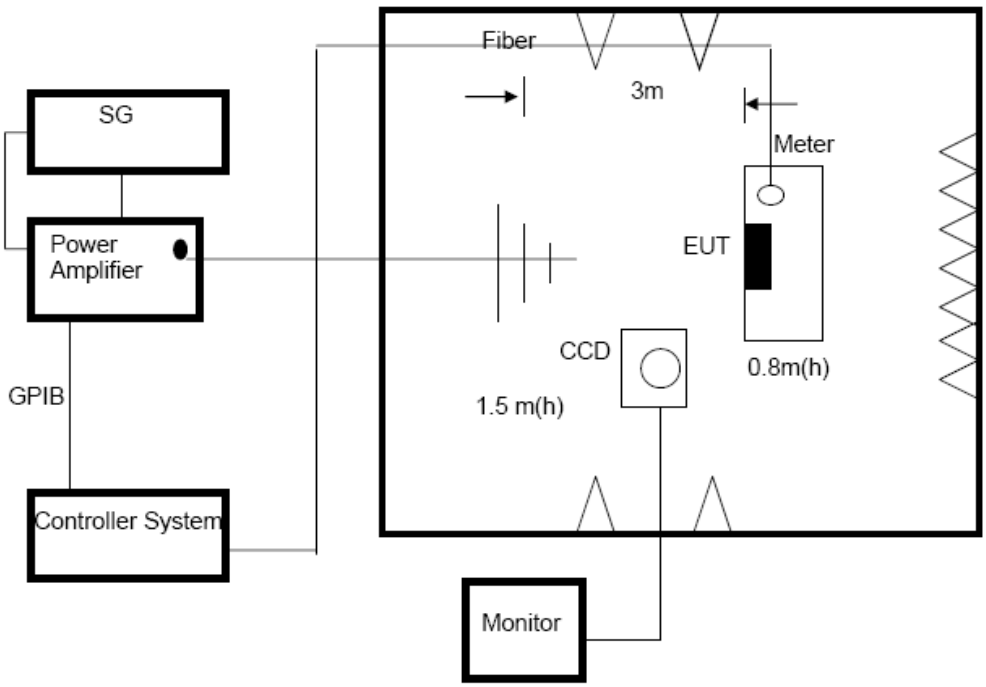
The EUT and support equipment, which are placed on a table that is 0.8 meter above ground and the testing was performed in a fully-anechoic chamber.
The testing distance from antenna to the EUT was 3 meters.
The other condition as following manner:

a. The field strength level was 3V/m.
b. The frequency range is swept from 80 MHz to 1000 MHz, with the signal 80%amplitude modulated with a 1kHz sine wave. The rate of sweep did not exceed 1.5x 10-3 decade/s. Where the frequency range is swept incrementally, the step size was 1% of fundamental.
c. The dwell time at each frequency shall be not less than the time necessary for the EUT to be able to respond.
d. The test was performed with the EUT exposed to both vertically and horizontally polarized fields on each of the four sides.
e. For the actual test configuration, please refer to the related Item –EUT Test Photos.

4.4.5 DEVIATION FROM TEST STANDARD

No deviation

4.4.6 TEST SETUP



Note:

TABLE-TOP EQUIPMENT

The EUT installed in a representative system as described in section 7 of IEC 61000-4-3 was placed on a non-conductive table 0.8 meters in height. The system under test was connected to the power and signal wire according to relevant installation instructions.

FLOOR-STANDING EQUIPMENT

The EUT installed in a representative system as described in section 7 of IEC 61000-4-3 was placed on a non-conductive wood support 0.1 meters in height. The system under test was connected to the power and signal wire according to relevant installation instructions.

4.4.7 TEST RESULTS

EUT：	Power Supply/Travel Charger	**Model No. ：**	P961-PQ320W-EU
Temperature：	23.1℃	**Relative Humidity：**	57%
Pressure：	1009 hPa	**Test Power ：**	AC 230V/50Hz
Test Mode ：	FULL LOAD		
Note:			

Frequency Range (MHz)	RF Field Position	R.F. Field Strength	Azimuth	Perform. Criteria	Results	Judgment
80MHz - 1000MHz	H / V	3 V/m (rms) AM Modulated 1000Hz, 80%	0	**A**	**A**	**PASS**
			90			
			180			
			270			
1800 MHz, 2600 MHz, 3500 MHz, 5000MHz	H / V	3 V/m (rms) AM Modulated 1000Hz, 80%	0	**A**	**A**	**PASS**
			90			
			180			
			270			

Note:

1) H/V denotes the Horizontal/Vertical polarity of the RF field.
2) Criteria A: There was no change operated with initial operating during the test.
3) Criteria B: The EUT function loss during the test, but self-recoverable after the test.
4) Criteria C: The system shut down during the test.

4.5 EFT/BURST TESTING

4.5.1 TEST SPECIFICATION

Basic Standard:	IEC 61000-4-4
Required Performance	B
Test Voltage:	AC mains power ports:1 kV analogue/digital data ports:0.5 KV DC network power ports: 0.5 KV
Polarity:	Positive & Negative
Impulse Frequency:	5 kHz(For CPE xDSL ports repetition frequency is 100 kHz.)
Impulse Wave shape :	5/50 ns
Burst Duration:	15 ms
Burst Period:	300 ms
Test Duration:	Not less than 1 min.

4.5.2 MEASUREMENT INSTRUMENTS

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Transient 3000 Test System	EMC-Partner	TRA3000	F-D-V-1501	12/17/2022
2	Capacitive Coupling Clamp	EMC-Partner	CN-EFT1000	709	12/17/2022

4.5.3 TEST PROCEDURE

The EUT and support equipment, are placed on a table that is 0.8 meter above a metal ground plane measured 1m*1m min. and 0.65mm thick min.
The other condition as following manner:

a. The length of power cord between the coupling device and the EUT should not exceed 1 meter.

b. Both positive and negative polarity discharges were applied.

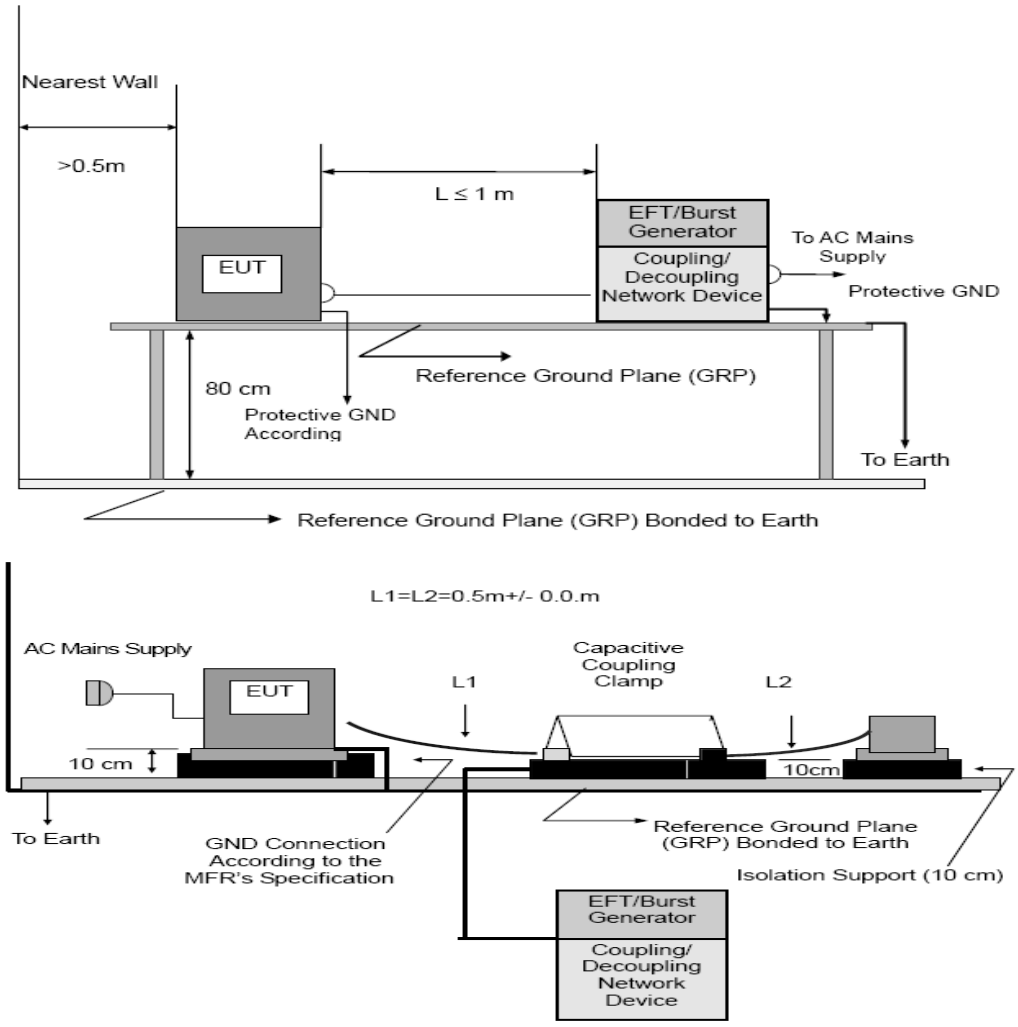
c. The duration time of each test sequential was 1 minute

d. For the actual test configuration, please refer to the related Item –EUT Test Photos.

4.5.4 DEVIATION FROM TEST STANDARD

No deviation

4.5.5 TEST SETUP



Note:

TABLE-TOP EQUIPMENT

The configuration consisted of a wooden table (0.8m high) standing on the Ground Reference Plane. The GRP consisted of a sheet of aluminum (at least 0.25mm thick and 2.5m square) connected to the protective grounding system. A minimum distance of 0.5m was provided between the EUT and the walls of the laboratory or any other metallic structure.

FLOOR-STANDING EQUIPMENT

The EUT installed in a representative system as described in section 7 of IEC 61000-4-4 and its cables, were isolated from the Ground Reference Plane by an insulating support that is 0.1-meter thick. The GRP consisted of a sheet of aluminum (at least 0.25mm thick and 2.5m square) connected to the protective grounding system.

4.5.6 TEST RESULTS

EUT:	Power Supply/Travel Charger	**Model No. :**	P961-PQ320W-EU
Temperature:	23.5℃	**Relative Humidity:**	55%
Pressure:	1009 hPa	**Test Power :**	AC 230V/50Hz
Test Mode :	FULL LOAD		
Note:			

Mode	(**X**) AC mains power ports		( ) DC network power ports		( ) Analogue/digital analogue/digital	
Test Level	1KV		0.5KV		0.5KV	
Port(s)	Polarity	Results	Polarity	Results	Polarity	Results
Line (L)	P	A	P		P	
	N	A	N		N	
Neutral (N)	P	A	P		P	
	N	A	N		N	
Line + Neutral (L+N)	P	A	P		P	
	N	A	N		N	
Ground (PE)	P		P		P	
	N		N		N	
Line + Ground (L+PE)	P		P		P	
	N		N		N	
Neutral + Ground (N+PE)	P		P		P	
	N		N		N	
Line + Neutral + Ground(L+N+PE)	P		P		P	
	N		N		N	
DC Cable	P		P		P	
	N		N		N	
Criteria	**B**		**B**		**B**	
Result	**A**		**N/A**		**N/A**	
Judgment	**PASS**		**N/A**		**N/A**	

Note:

1) P/N denotes the Positive/Negative polarity of the output voltage.

2) N/A - denotes test is not applicable in this test report

3) Criteria A: There was no change operated with initial operating during the test.

4) Criteria B: The EUT function loss during the test, but self-recoverable after the test.

5) Criteria C: The system shut down during the test.

4.6 SURGE TESTING

4.6.1 TEST SPECIFICATION

Basic Standard:	IEC 61000-4-5
Required Performance	B:(AC mains power ports), B:(DC network power ports) B(Analogue/digital data ports: Port type: coaxial or shielded) C(Analogue/digital data ports: Port type: unshielded symmetrical)
Wave-Shape:	Combination Wave 1.2/50 us Open Circuit Voltage 8 /20 us Short Circuit Current
Test Voltage:	Power Line：±0.5 kV, ±1 kV
Surge Input/Output:	L-N
Generator Source:	2 ohm between networks
Impedance:	12 ohm between network and ground
Polarity:	Positive/Negative
Phase Angle:	The number of pulses applied shall be as follows: • Five positive pulses line-to-neutral at 90° phase • Five negative pulses line-to-neutral at 270° phase The following additional pulses are required only if the EUT has an earth connection or if the EUT is earthed via any AE: • Five positive pulses line-to-earth at 90° phase • Five negative pulses line-to-earth at 270° phase • Five negative pulses neutral-to-earth at 90° phase • Five positive pulses neutral-to-earth at 270° phase
Pulse Repetition Rate:	1 time / min. (maximum)
Number of Tests:	5 positive and 5 negative at selected points

4.6.2 MEASUREMENT INSTRUMENTS

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Lightning Surge Generator	Prima	SUG61005BG	PR13015543	12/16/2022

4.6.3 TEST PROCEDURE

a. For EUT Switching TRAVEL ADAPTER/AC ADAPTER/Power Adapter:

The surge is to be applied to the EUT Switching TRAVEL ADAPTER/AC ADAPTER/Power Adapter terminals via the capacitive coupling network. Decoupling networks are required in order to avoid possible adverse effects on equipment not under test that may be powered by the same lines, and to provide sufficient decoupling impedance to the surge wave. The power cord between the EUT and the coupling/decoupling networks shall be 2meters in length (or shorter).

b. For test applied to unshielded unsymmetrically operated interconnection lines of EUT:

The surge is applied to the lines via the capacitive coupling. The coupling /decoupling networks shall not influence the specified functional conditions of the EUT. The interconnection line between the EUT and the coupling/decoupling networks shall be 2 meters in length (or shorter).

c. For test applied to unshielded symmetrically operated interconnection /telecommunication lines of EUT:

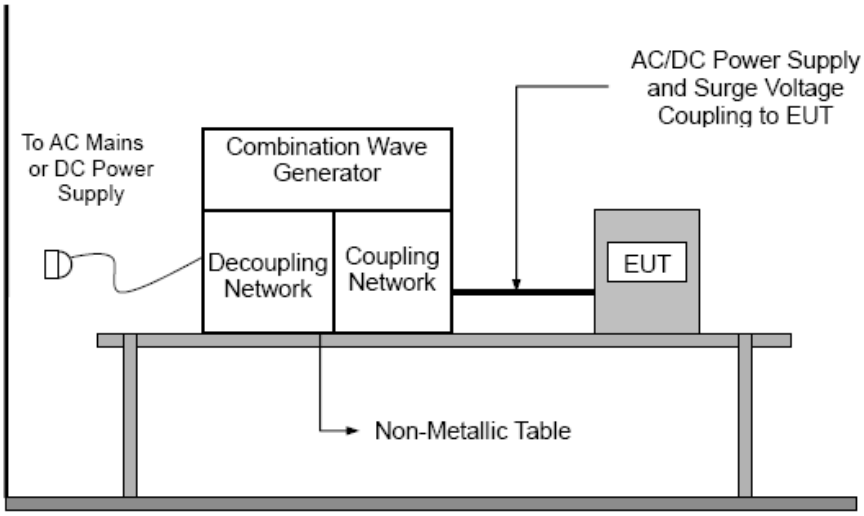
The surge is applied to the lines via gas arrestors coupling. Test levels below the ignition point of the coupling arrestor cannot be specified. The interconnection line between the EUT and the coupling/decoupling networks shall be 2 meters in length (or shorter).

d. For the actual test configuration, please refer to the related Item –EUT Test Photos.

4.6.4 DEVIATION FROM TEST STANDARD

No deviation

4.6.5 TEST SETUP



4.6.6 TEST RESULTS

EUT：	Power Supply/Travel Charger	**Model No. ：**	P961-PQ320W-EU
Temperature：	22.8℃	**Relative Humidity：**	57%
Pressure：	1009 hPa	**Test Power ：**	AC 230V/50Hz
Test Mode ：	FULL LOAD		
Note:			

Wave Form / **EUT Ports Tested**	**1.2/50(8/20)Ti/Th us**						**Criteria**	**Judgment**
	Polarity	**Phase**	**Voltage**					
			0.5kV	**1kV**	**2kV**	**4kV**		
L - N	+/-	0°					**B**	**PASS**
	+	90°		A				
	+/-	180°						
	-	270°		A				
L - PE	+/-	0°					**B**	**N/A**
	+/-	90°						
	+/-	180°						
	+/-	270°						
N - PE	+/-	0°					**B**	**N/A**
	+/-	90°						
	+/-	180°						
	+/-	270°						
DC network power ports	+/-						**B**	**N/A**
Analogue/digital data ports	+/-						**B/C**	**N/A**

Note:

1) +/- denotes the Positive/Negative polarity of the output voltage.
2) Polarity and Numbers of Impulses：5 Pst / Ngt at each tested mode
3) N/A - denotes test is not applicable in this Test Report
4) All voltages of the lower levels shall be satisfied

4.7 INJECTION CURRENT TESTING

4.7.1 TEST SPECIFICATION

Basic Standard:	IEC 61000-4-6
Required Performance	A
Frequency Range and Field Strength:	0.15 MHz - 10 MHz - 3V (r.m.s.) 10 MHz - 30 MHz - 3V to 1V (r.m.s.) 30 MHz - 80 MHz - 1V (r.m.s.)
Modulation:	1kHz Sine Wave, 80%, AM Modulation
Frequency Step:	1 % of fundamental
Dwell Time:	at least 3 seconds

4.7.2 MEASUREMENT INSTRUMENTS

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Conducted Immunity Test System	Frankonia	CIT-10	126B1210	11/25/2022
2	CDN	CD (Compliance Direction Systems Inc)	CDN M2+M3	3588	11/23/2022
3	EM Clamp	TESEQ	KEMZ 801	33492	11/23/2022
4	Attenuation	TESEQ	ATN 6075(6dB 75W)	32126	11/16/2022

4.7.3 TEST PROCEDURE

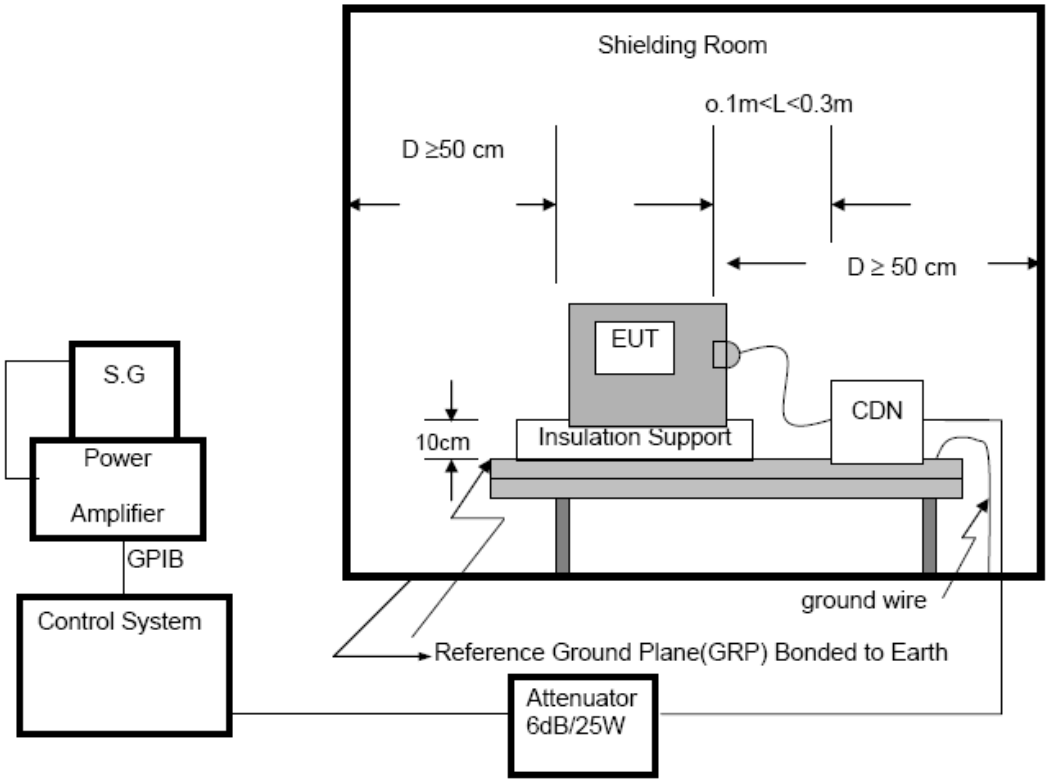
The EUT and support equipment, are placed on a table that is 0.8 meter above a metal ground plane measured 1m*1m min. and 0.65mm thick min.
The other condition as following manner:

a. The field strength level was 3V.
b. The frequency range is swept from 150 KHz to 80 MHz, with the signal 80%amplitude modulated with a 1kHz sine wave. The rate of sweep did not exceed 1.5x 10-3 decade/s. Where the frequency range is swept incrementally, the step size was 1% of fundamental.
c. The dwell time at each frequency shall be not less than the time necessary for the EUT to be able to respond.
d. For the actual test configuration, please refer to the related Item –EUT Test Photos.

4.7.4 DEVIATION FROM TEST STANDARD

No deviation

4.7.5 TEST SETUP



For the actual test configuration, please refer to the related Item –EUT Test Photos.

NOTE:

FLOOR-STANDING EQUIPMENT

The equipment to be tested is placed on an insulating support of 0.1 meters height above a ground reference plane. All relevant cables shall be provided with the appropriate coupling and decoupling devices at a distance between 0.1 meters and 0.3 meters from the projected geometry of the EUT on the ground reference plane.

4.7.6 TEST RESULTS

EUT：	Power Supply/Travel Charger	**Model No. ：**	P961-PQ320W-EU
Temperature：	23.5℃	**Relative Humidity：**	55%
Pressure：	1009 hPa	**Test Power ：**	AC 230V/50Hz
Test Mode ：	FULL LOAD		
Note:			

Test Ports (Mode)	Freq. Range MHz)	Field Strength	Perform. Criteria	Results	Judgment
AC mains power ports	0.15 - 10	3V (rms)	**A**	**A**	**PASS**
	10 - 30	3V - 1V (rms)			
	30 - 80	1V (rms)			
DC Cable	0.15 - 10	3V (rms)	**A**	**N/A**	**N/A**
	10 - 30	3V - 1V (rms)			
	30 - 80	1V (rms)			
Analogue/digital data ports	0.15 - 10	3V (rms)	**A**	**N/A**	**N/A**
	10 - 30	3V - 1V (rms)			
	30 - 80	1V (rms)			

Note:

1) N/A - denotes test is not applicable in this Test Report.

4.8 VOLTAGE INTERRUPTION/DIPS TESTING

4.8.1 TEST SPECIFICATION

Basic Standard:	IEC 61000-4-11
Required Performance**:**	B (Residual voltage＜5% 0.5 period Voltage Dips) C (Residual voltage 70% 25period(50Hz),30period(60Hz) Voltage Dips) C (Residual voltage＜5% 250period(50Hz), 300period(60Hz) Voltage Interruptions)
Test Duration Time:	Minimum three test events in sequence
Interval between Event:	Minimum ten seconds
Phase Angle:	0°/180°
Test Cycle:	3 times

4.8.2 MEASUREMENT INSTRUMENTS

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Transient 3000 Test System	EMC-Partner	TRA3000	F-D-V-1501	12/15/2022

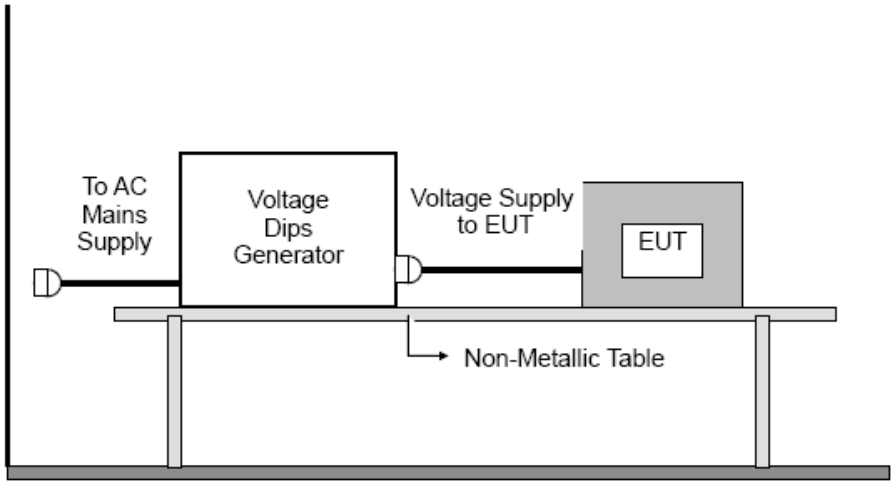
4.8.3 TEST PROCEDURE

The EUT shall be tested for each selected combination of test levels and duration with a sequence of three dips/interruptions with intervals of 10 s minimum (between each test event). Each representative mode of operation shall be tested. Abrupt changes in supply voltage shall occur at zero crossings of the voltage waveform.

4.8.4 DEVIATION FROM TEST STANDARD

No deviation

4.8.5 TEST SETUP



For the actual test configuration, please refer to the related Item –EUT Test Photos.

4.8.6 TEST RESULTS

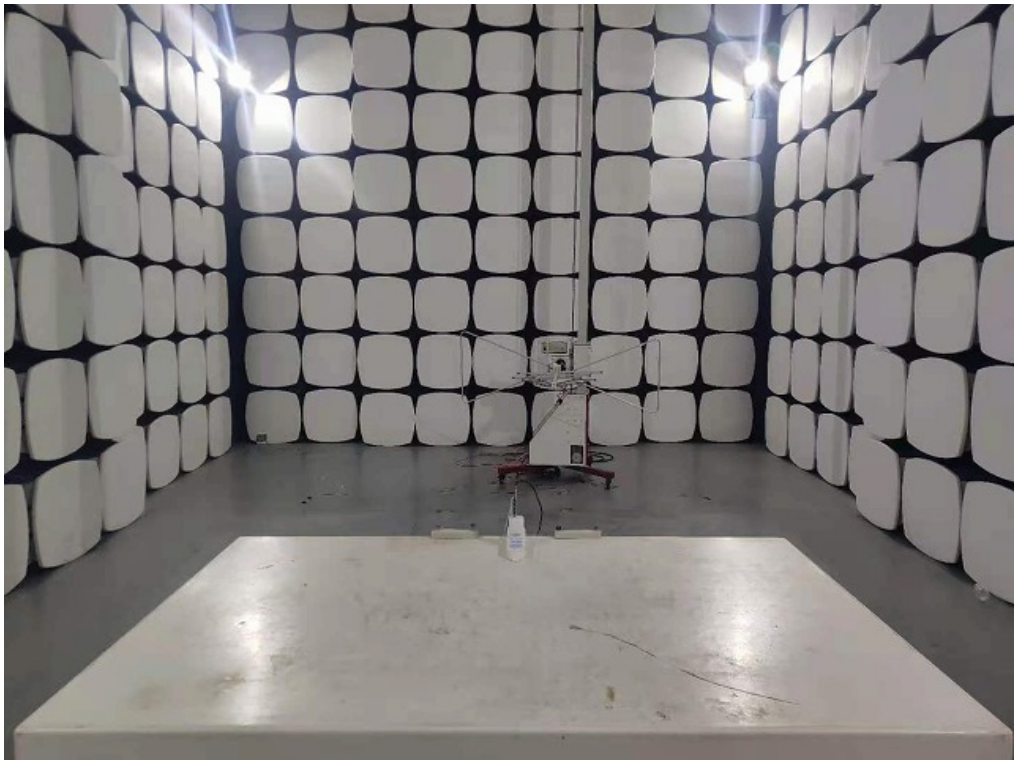
EUT：	Power Supply/Travel Charger	**Model No. ：**	P961-PQ320W-EU
Temperature：	23.5℃	**Relative Humidity：**	55%
Pressure：	1009 hPa	**Test Power ：**	AC 230V/50Hz
Test Mode ：	FULL LOAD		
Note:			

Voltage Reduction	Periods	Perform Criteria	Results	Judgment
Voltage dip Residual voltage＜5%	0.5	**B**	**A**	**PASS**
Voltage dip Residual voltage 70%	25 / 30	**C**	**A**	**PASS**
Voltage interruptions Residual voltage＜5%	250 / 300	**C**	**B**	**PASS**

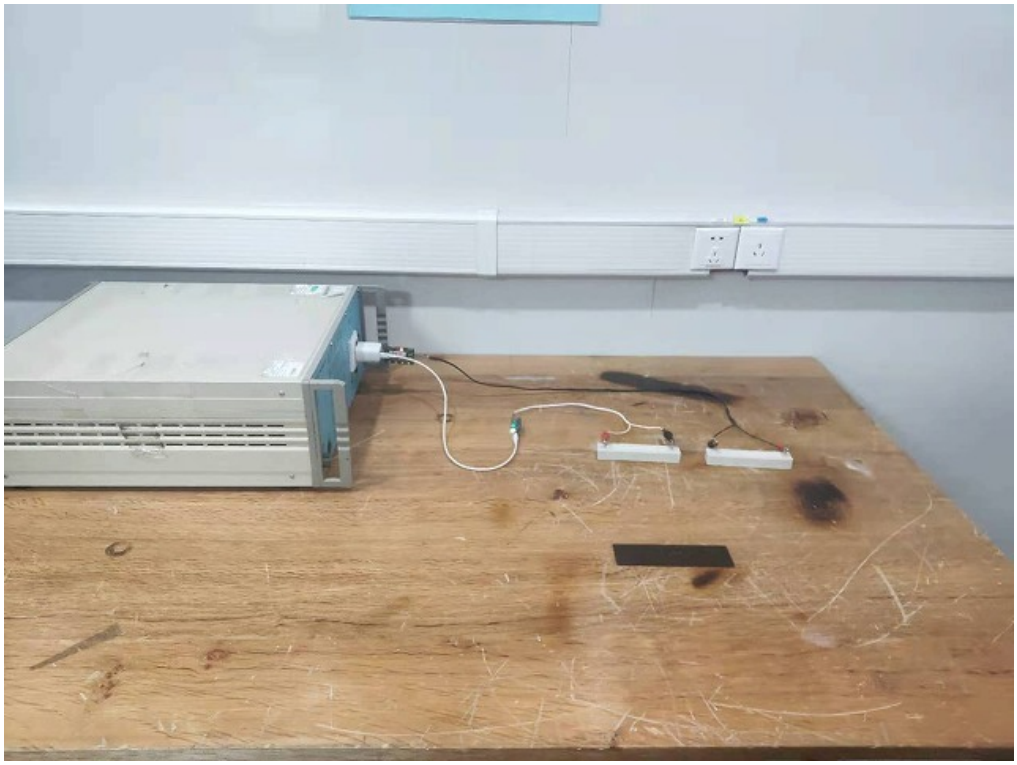
5. EUT TEST PHOTOS

Conducted Measurement Photo

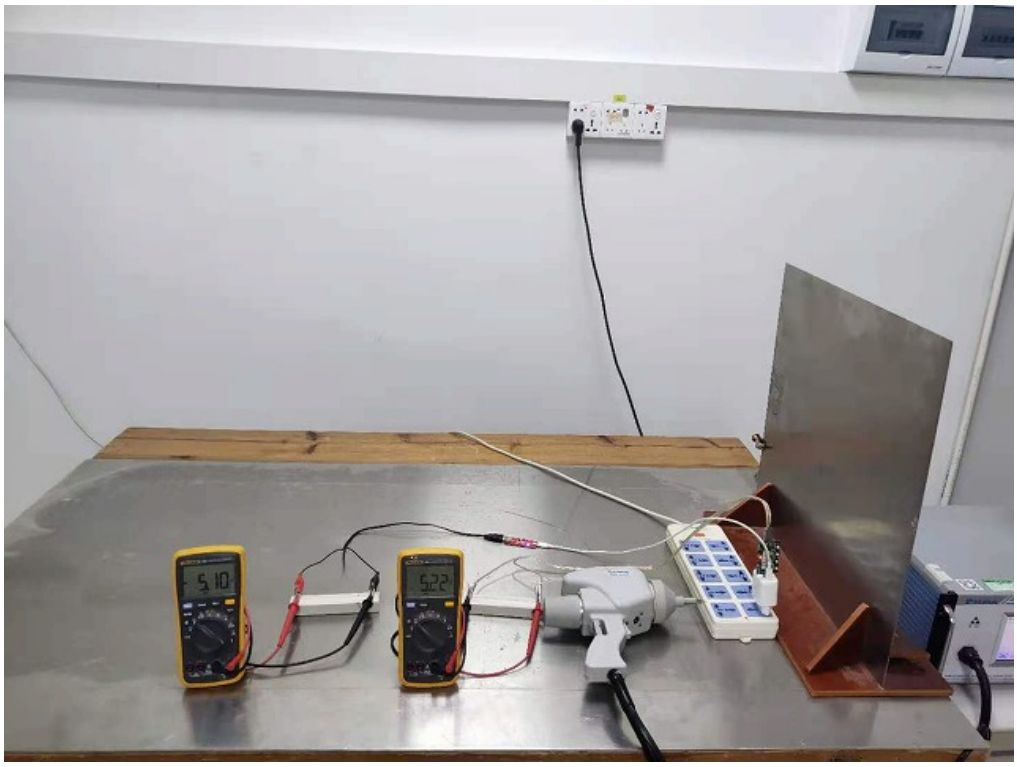
Radiated Measurement Photo



Flicker Measurement Photo

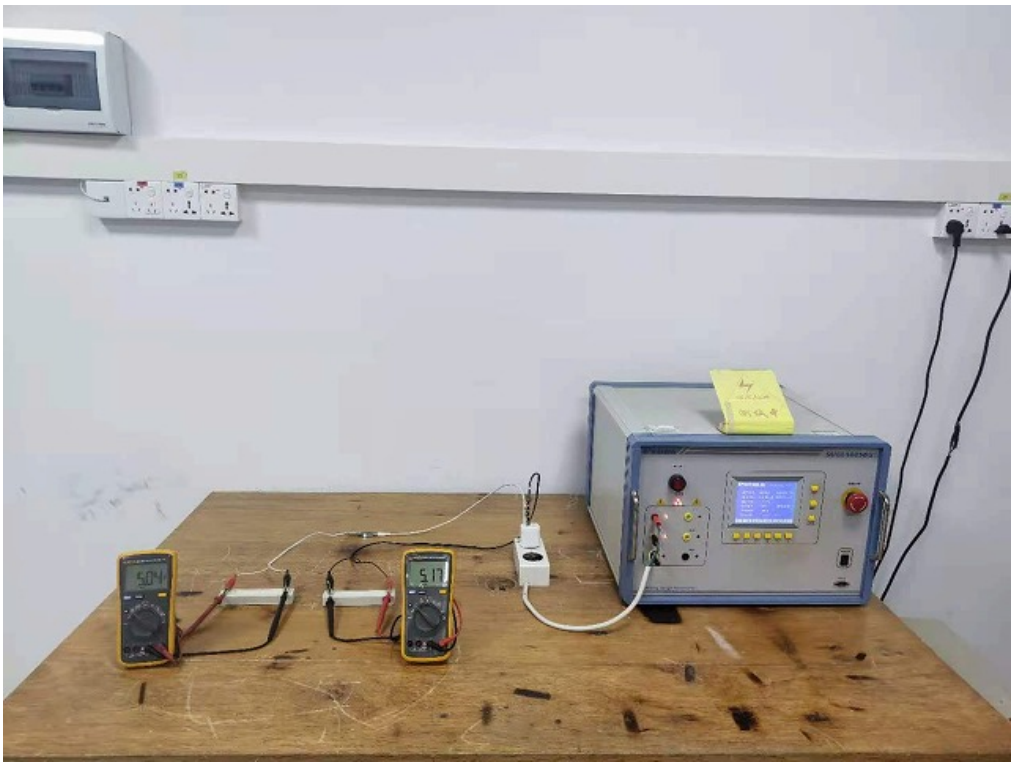


ESD Measurement Photo

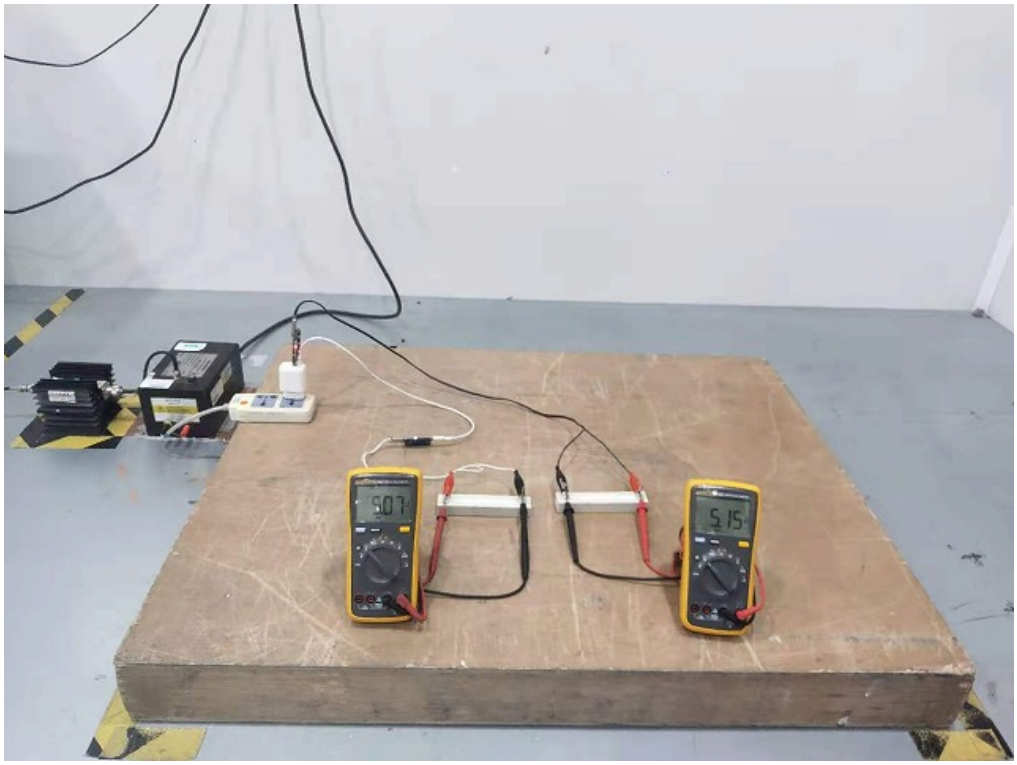


EFT/ V-Dip Burst Measurement Photo

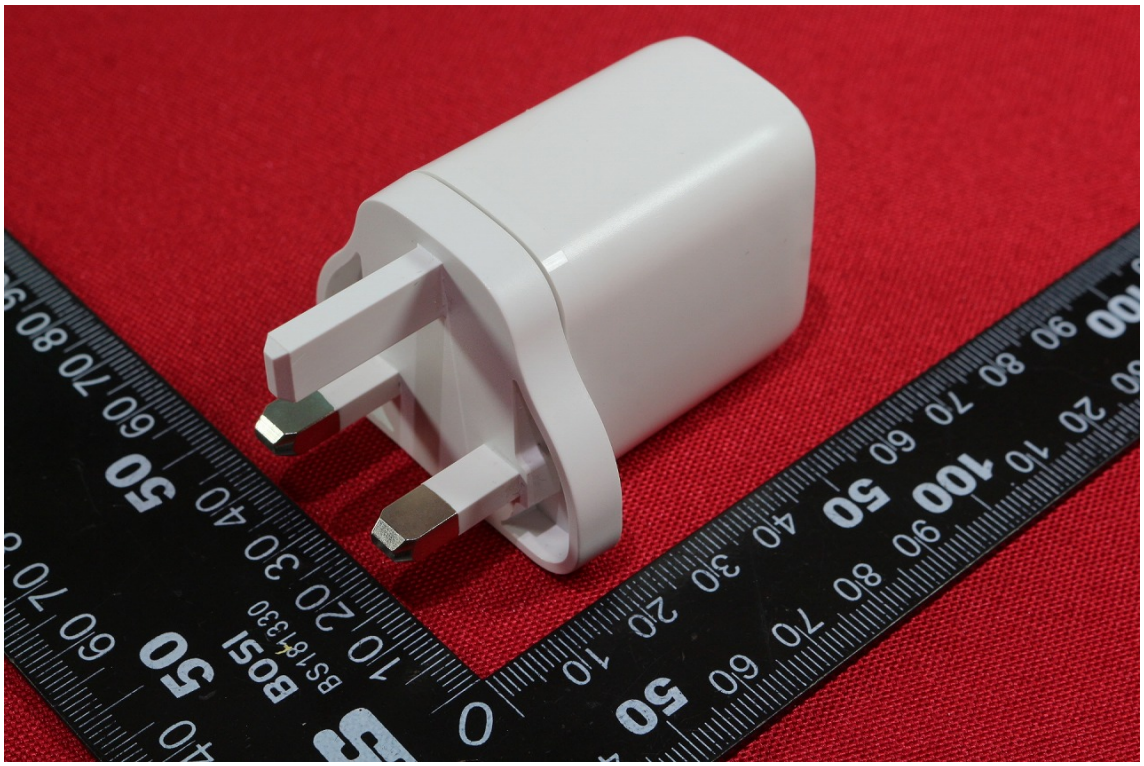
Surge Measurement Photo

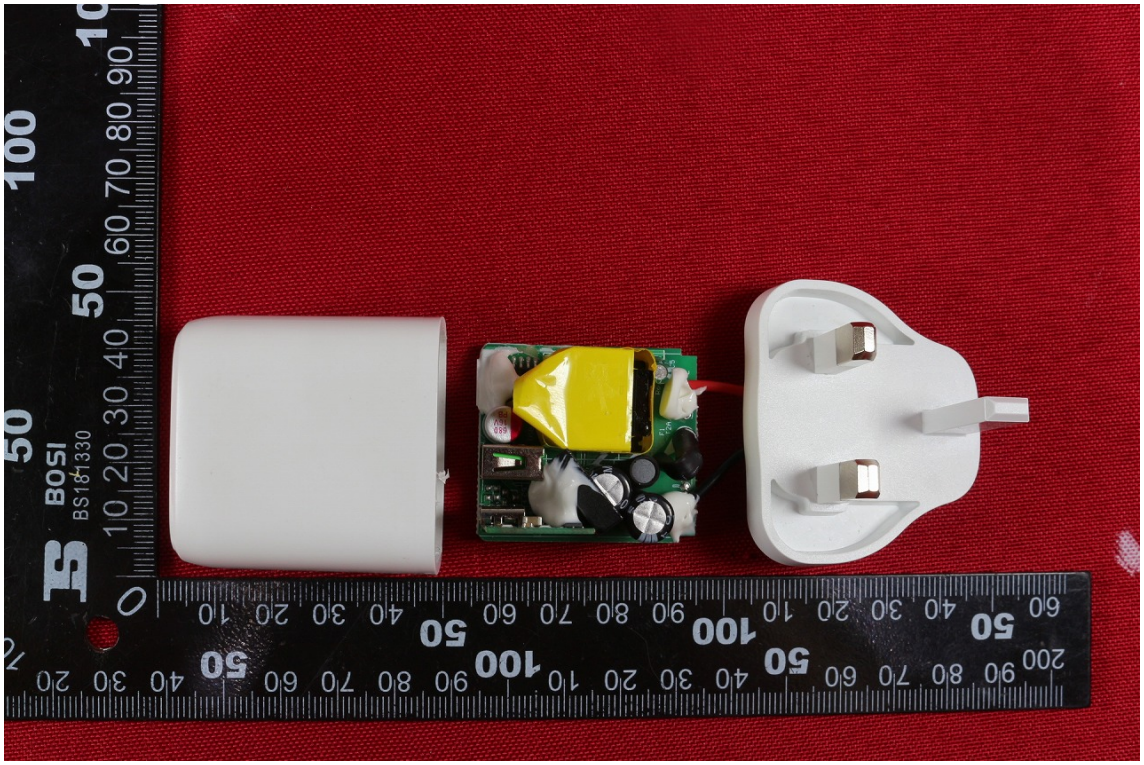


CS Measurement Photo



EUT Photos

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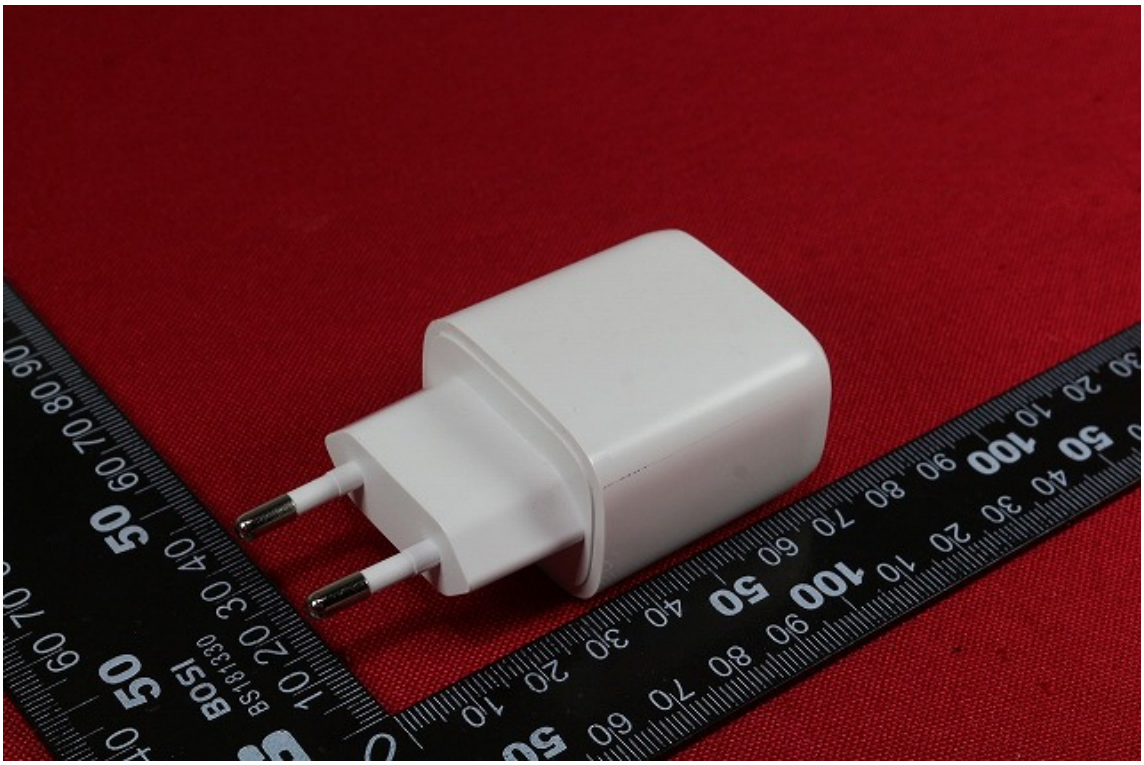
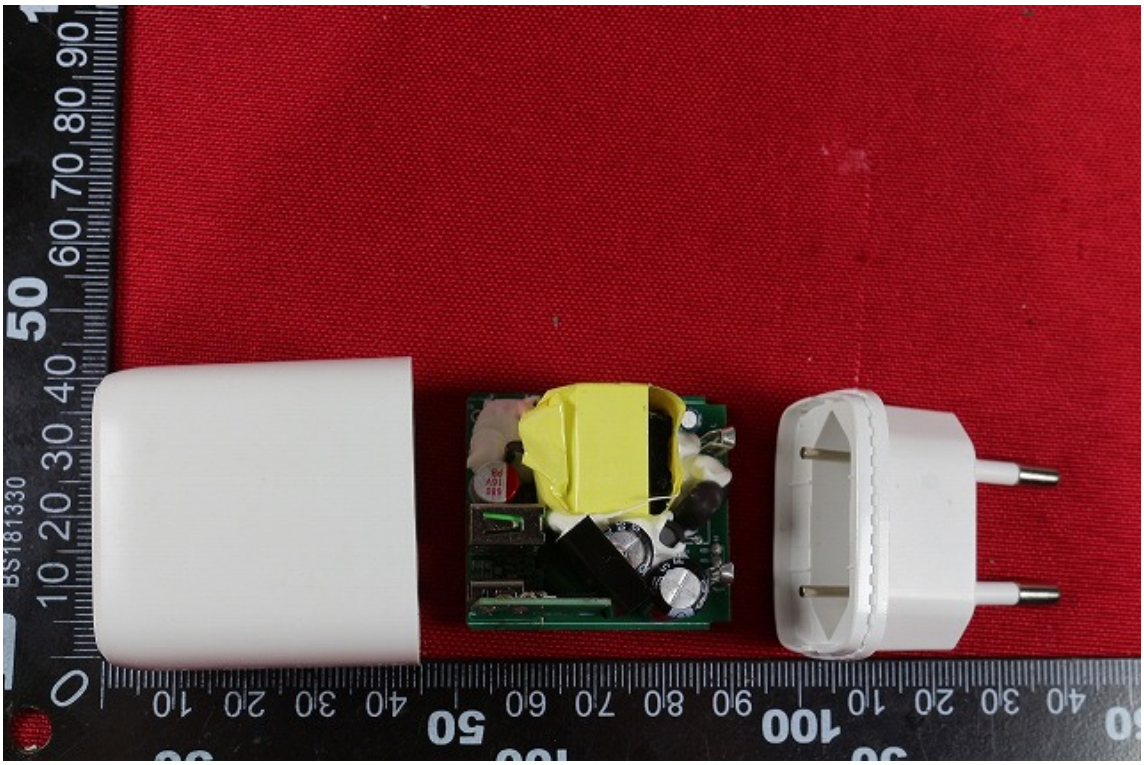
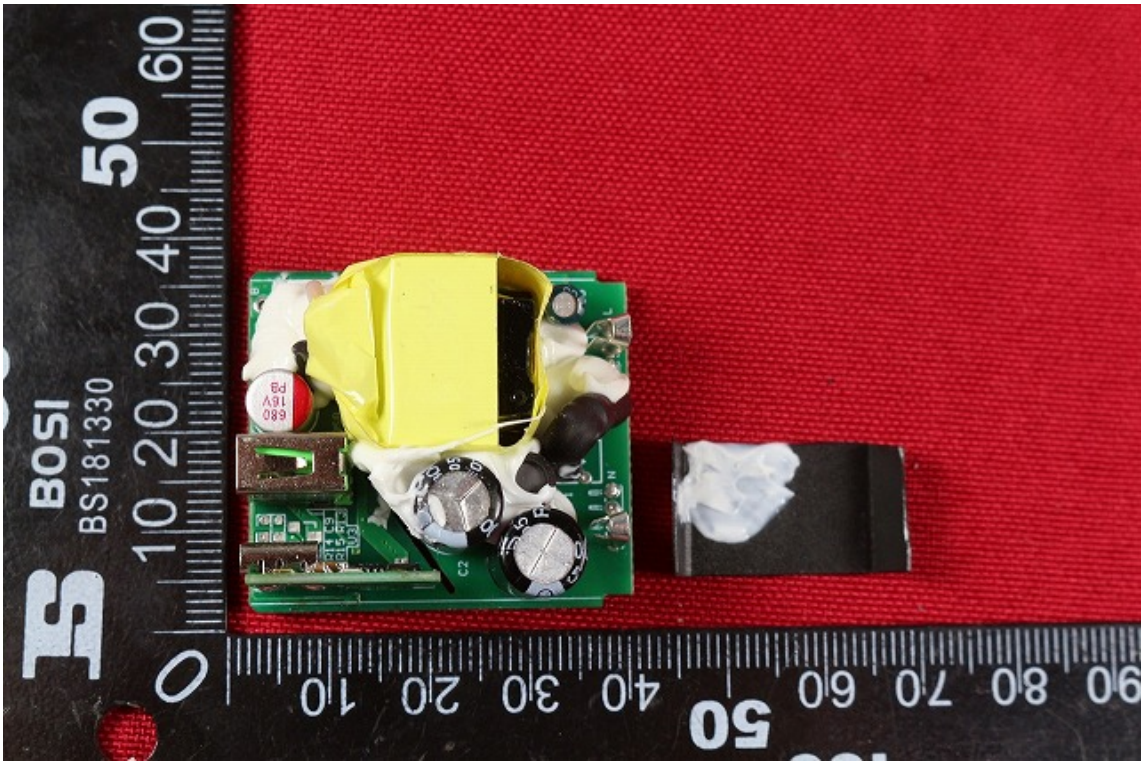



BS181330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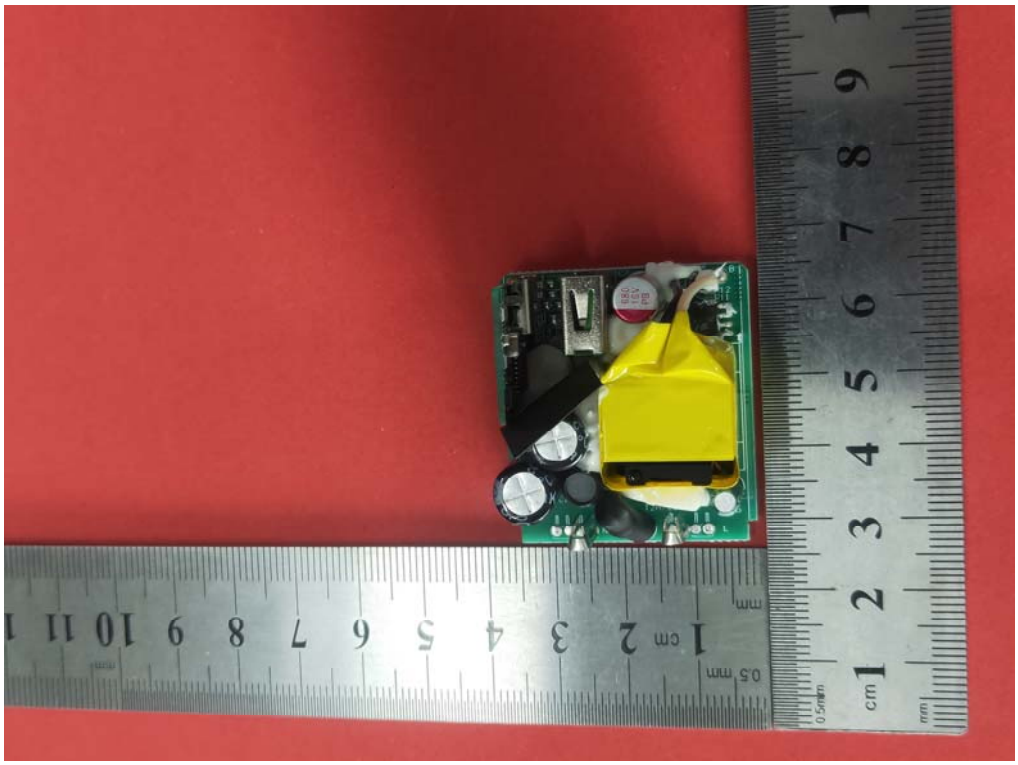
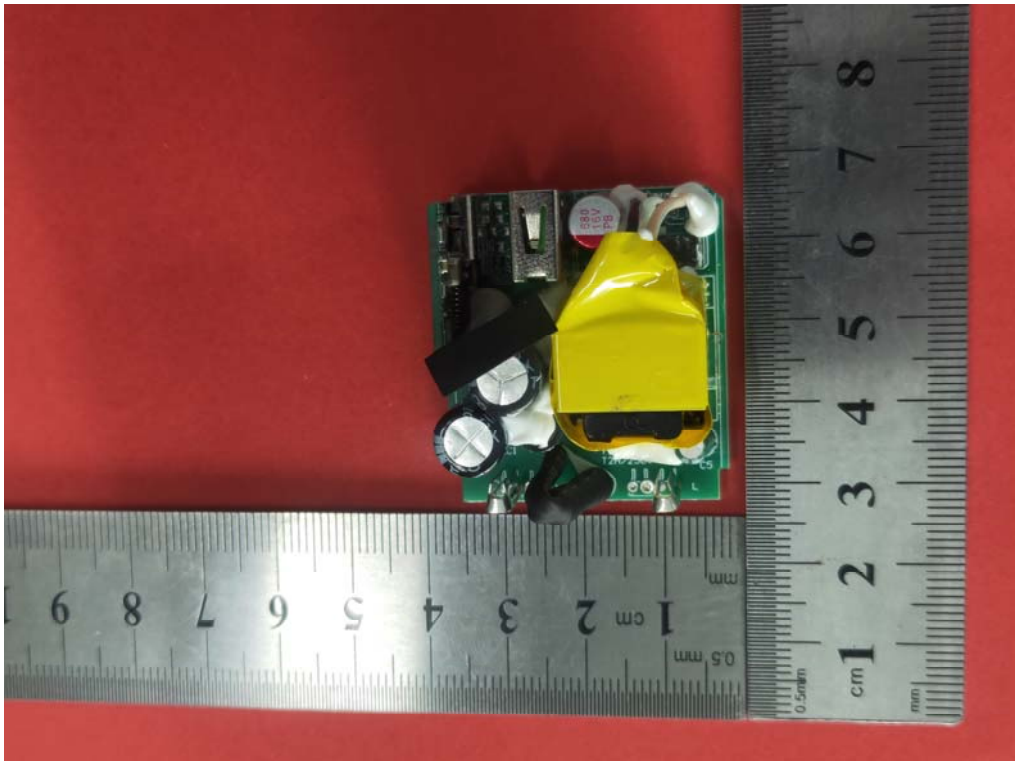
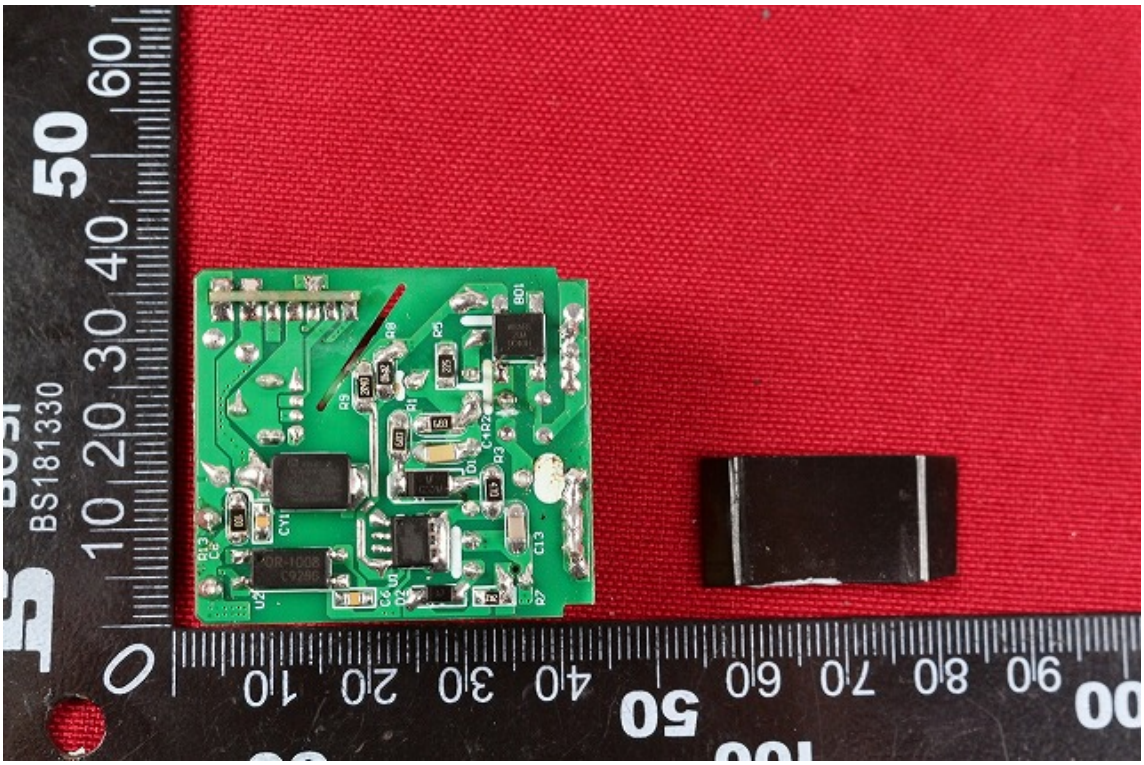
BS181330







END OF REPORT