

EMC Test Report

Applicant : Shenzhen Maono Technology Co., Ltd.

Address : No. 1307, 13th Floor, Building 4, Phase II of
Tianan Yungu Industrial Park, Gangtou
Community, Bantian Street, Longgang District,
Shenzhen, China

Product Name : WIRELESS CONDENSER MICROPHONE

Report Date : Dec. 24, 2024



Shenzhen Anbotek Compliance Laboratory Limited

Shenzhen Anbotek Compliance Laboratory Limited

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TEST REPORT

Applicant : Shenzhen Maono Technology Co., Ltd.
Manufacturer : Shenzhen Maono Technology Co., Ltd.
Product Name : WIRELESS CONDENSER MICROPHONE
Model No. : DM40, DM40 Pro, DM40 S, DM40 T, DM40 Pro S, DM40 Pro T,
DM40 Neo, DM40 Neo S, DM40 Neo T, DM40 Lite, DM40 Lite S,
DM40 Lite T, DM40 Ultra, DM40 Ultra S, DM40 Ultra T
Trade Mark : N/A
Rating(s) : Input: 5V \Rightarrow 2A(with DC 3.7V, 1500mAh Battery inside)
EN 55032:2015+A1:2020
EN IEC 61000-3-2:2019+A1:2021
Test Standard(s) : EN 61000-3-3:2013+A2:2021
EN 55035:2017+A11:2020

The device described above is tested by Shenzhen Anbotek Compliance Laboratory Limited to determine the maximum emission levels emanating from the device and the severe levels of the device can endure and its performance criterion. The measurement results are contained in this test report and Shenzhen Anbotek Compliance Laboratory Limited is assumed full of responsibility for the accuracy and completeness of these measurements. Also, this report shows that the EUT (Equipment Under Test) is technically compliant with above listed standard(s) requirements. This report applies to above tested sample only and shall not be reproduced in part without written approval of Shenzhen Anbotek Compliance Laboratory Limited.

Date of Receipt: Nov. 04, 2024

Date of Test: Nov. 05, 2024 to Nov.13, 2024

Prepared By:



(TuTu Hong)

Approved & Authorized Signer:



(Kingkong Jin)



1. General Information

1.1. Client Information

Applicant	:	Shenzhen Maono Technology Co., Ltd.
Address	:	No. 1307, 13th Floor, Building 4, Phase II of Tianan Yungu Industrial Park, Gangtou Community, Bantian Street, Longgang District, Shenzhen, China
Manufacturer	:	Shenzhen Maono Technology Co., Ltd.
Address	:	No. 1307, 13th Floor, Building 4, Phase II of Tianan Yungu Industrial Park, Gangtou Community, Bantian Street, Longgang District, Shenzhen, China
Factory	:	Guangdong Dingchuang Smart Manufacturing Co., Ltd.
Address	:	Room 401, Building 8, Tian An Digital City, Fenggang Section 208 Dongshen Road, Fenggang Town, Dongguan City, Guangdong Province, China

1.2. Description of Device (EUT)

Product Name	:	WIRELESS CONDENSER MICROPHONE
Model No.	:	DM40, DM40 Pro, DM40 S, DM40 T, DM40 Pro S, DM40 Pro T, DM40 Neo, DM40 Neo S, DM40 Neo T, DM40 Lite, DM40 Lite S, DM40 Lite T, DM40 Ultra, DM40 Ultra S, DM40 Ultra T (Note: All samples are the same except the model number & appearance color, so we prepare "DM40" for test only.)
Trade Mark	:	N/A
Test Power Supply	:	AC 230V/50Hz for Adapter
Test Sample No.	:	1-2-1(Normal Sample), 1-2-2(Engineering Sample)
Adapter	:	N/A
Remark: (1) For a more detailed features description, please refer to the manufacturer's specifications or the User's Manual.		



1.3. Auxiliary Equipment Used During Test

Title	Manufacturer	Model No.	Serial No.
3.5mm Black earphones	/	/	/
Xiaomi 33W adapter	Xiaomi	MDY-11-EX	SA62212LA04358J

1.4. Description of Test Modes

Pretest Modes	Descriptions
TM1	Adapter+ AUX in Mode(AC 230V/50Hz for adapter)

1.5. Measurement Uncertainty

Parameter	Uncertainty
Conducted emissions (AMN 150kHz~30MHz)	3.4dB
Radiated emissions (30MHz~1000MHz)	Horizontal: 4.46dB; Vertical: 5.04dB

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

1.6. Test Summary

Test Items	Test Modes	Status
Conducted emissions from AC mains power ports (150kHz-30MHz)	Mode1	P
Radiated emissions (30MHz-1GHz)	Mode1	P
Harmonic current emission	/	N
Voltage fluctuations and flicker	Mode1	P
Electrostatic discharges	Mode1	P
RF electromagnetic field disturbances	Mode1	P
Electrical fast transients / burst for AC mains power ports	Mode1	P
Surges for AC mains power ports	Mode1	P
Continuous induced RF disturbances for AC mains power ports (150kHz-80MHz)	Mode1	P
Voltage dips and interruptions	Mode1	P

Note:
P: Pass
N: N/A, not applicable



1.7. Description of Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

FCC-Registration No.:434132

Shenzhen Anbotek Compliance Laboratory Limited, EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in our files. Registration No. 434132.

ISED-Registration No.: 8058A

Shenzhen Anbotek Compliance Laboratory Limited, EMC Laboratory has been registered and fully described in a report filed with the (ISED) Innovation, Science and Economic Development Canada. The acceptance letter from the ISED is maintained in our files. Registration 8058A.

Test Location

Shenzhen Anbotek Compliance Laboratory Limited.
Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China.

1.8. EMS Performance Criteria

General Performance Criteria

Performance Criteria 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.

Performance Criteria 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.

Performance Criteria 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.



1.9. Test Equipment List

Conducted emissions from AC mains power ports (150kHz-30MHz)						
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
1	L.I.S.N. Artificial Mains Network	Rohde & Schwarz	ENV216	100055	2024-09-09	2025-09-08
2	Three Phase V-type Artificial Power Network	CYBERTEK	EM5040DT	E215040D T001	2024-01-17	2025-01-16
3	Software Name EZ-EMC	Farad Technology	ANB-03A	N/A	/	/
4	EMI Test Receiver	Rohde & Schwarz	ESPI3	100926	2024-09-09	2025-09-08

Radiated emissions (30MHz-1GHz)						
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
1	EMI Test Receiver	Rohde & Schwarz	ESPI7	101340	2024-02-21	2025-02-20
2	Pre-amplifier	Emtrace	RP01A	00517	2024-02-04	2025-02-03
3	Bilog Broadband Antenna	Schwarzbeck	VULB9163	01471	2023-02-25	2025-02-24
4	Software Name EZ-EMC	Farad Technology	ANB-03A	N/A	/	/

Voltage fluctuations and flicker						
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
1	Programmable AC Power source	IVYTECH	APS-5005A	632734	2024-09-09	2025-09-08
2	Harmonic and Flicker Analyzer	EMC-PARTNER	HMONICS 1000-1P	164	2024-09-11	2025-09-10
3	Harmonics-1000	N/A	Ed.3.0+4.0	N.A	/	/

Electrostatic discharges						
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
1	ESD Simulators	emtest	ESD NX30.1	11936	2024-03-11	2025-03-10



RF electromagnetic field disturbances						
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
1	Signal Generator	Agilent	N5181A	MY50143107	2024-01-23	2025-01-22
2	Power Meter	Agilent	E4417A	MY45101384	2024-01-23	2025-01-22
3	Amplifier	Micotop	MPA-80-1000-600	MPA2110318	2024-01-17	2025-01-16
4	Amplifier	Micotop	MPA-1000-6000-100	MPA2110327	2024-01-17	2025-01-16
5	Log.-Per.-Antenna	Schwarzbeck	VULP 9118E	01012	/	/
6	Microwave Log.-Per. Antenna	Schwarzbeck	STLP 9149	00788	/	/
7	Power Sensor	KEYSIGHT	E9323A	US40410647	2024-01-23	2025-01-22
8	Power Sensor	KEYSIGHT	E9323A	MY53100007	2024-01-23	2025-01-22
9	Electric field Probe	Narda S.T.S /PMM	EP 601	811ZX10351	2024-01-19	2025-01-18
10	Software	EMtrace	EM 3	/	/	/

Electrical fast transients / burst for AC mains power ports						
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
1	Surge Generator	TESEQ	NSG 3060	1480	2024-01-18	2025-01-17
2	CDN	TESEQ	CDN 3061	1408	2024-01-18	2025-01-17
3	EFT-Clamp	PRIM	EFT61004B	PR10114282	2024-01-17	2025-01-16

Surges for AC mains power ports						
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
1	Combined Wave Lightning Surge Simulator	3Ctest	CCS600	ES3771702	2024-01-17	2025-01-16
2	Three Phase Power Coupling Network	3Ctest	SEPN69100T	ES0801757	2024-01-17	2025-01-16
3	Telecom port surge generator	PMI	TW101	190411	2024-01-18	2025-01-17



Continuous induced RF disturbances for AC mains power ports (150kHz-80MHz)						
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
1	CDN	FRANKONIA	CDN - M2+ M3	A2210178/ 2012	2024-01-17	2025-01-16
2	6dB Attenuator	FRANKONIA	DAM 26W	1172202	2024-09-09	2025-09-08
3	EM-Clamp	FRANKONIA	EMCL-20	18101728- 0103	2024-01-17	2025-01-16
4	Signal Generator	R&S	SMC100A	104424	2024-02-04	2025-02-03
5	Software	EMtrace	EM 6	/	/	/
6	Power Meter	Agilent	E4419B	GB433127 30	2024-02-04	2025-02-03
7	Amplifier	Micotop	MPA-0.15- 230-110	MPA21103 17	2024-02-04	2025-02-03
8	Power Sensor	Agilent	E9304	/	2024-02-04	2025-02-03
9	Power Sensor	Agilent	E9304	MY414986 63	2024-02-04	2025-02-03
10	CDN	TESEQ	CDN M432- 3LN	33659	2024-01-17	2025-01-16

Voltage dips and interruptions						
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
1	CYCLE SAG Simulator	PRIMA	DRP61011A G	PR120462 34	2024-01-17	2025-01-16



2. Harmonic current emission

Test Requirement:	Class A
Test Limit:	Not specified
Test Method:	EN IEC 61000-3-2:2019+A1:2021

2.1. Conclusion

Refer to EN IEC 61000-3-2 clause 7.1:

"For the following categories of equipment, limits are not specified in this document:

- lighting equipment with a rated power less than but not equal to 5 W;
- equipment with a rated power of 75 W or less, other than lighting equipment;"

Since the rated power of the EUT is less than above described, it is deemed to comply with the requirement.



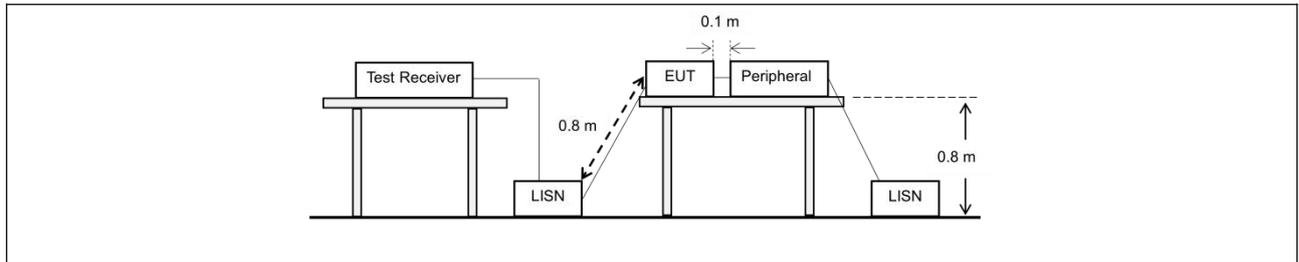
3. Conducted emissions from AC mains power ports (150kHz-30MHz)

Test Requirement:	Class B		
Test Limit:	Frequency Range	Limit (Quasi-Peak)	Limit (Average)
	0.15MHz to 0.5MHz	66dB(μV) to 56dB(μV)	56dB(μV) to 46dB(μV)
	0.5MHz to 5MHz	56dB(μV)	46dB(μV)
	5MHz to 30MHz	60dB(μV)	50dB(μV)
	Detector:	Peak for pre-scan (9kHz resolution bandwidth) 0.15M to 30MHz	
Test Method:	Clause 7 of CISPR 16-2-1:2014/AMD1:2017		
Procedure:	An initial pre-scan was performed with peak detector.Quasi-Peak or Average measurement were performed at the frequencies with maximized peak emission were detected. Remark: Level= Read Level+ Cable Loss+ LISN Factor		

3.1. EUT Operation

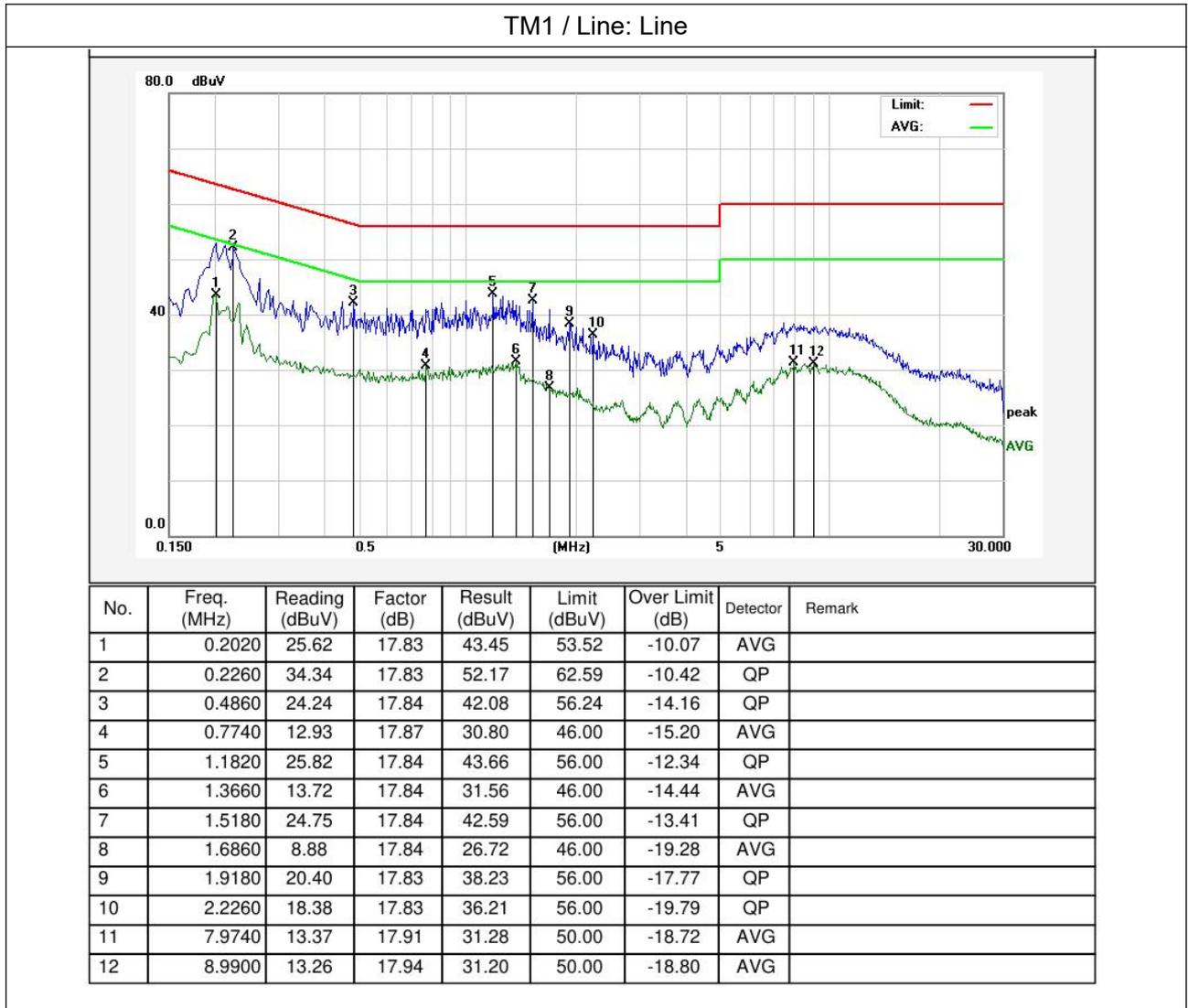
Operating Environment:	
Test mode:	1: TM1: Adapter+ AUX in Mode(AC 230V/50Hz for adapter)

3.2. Test Setup

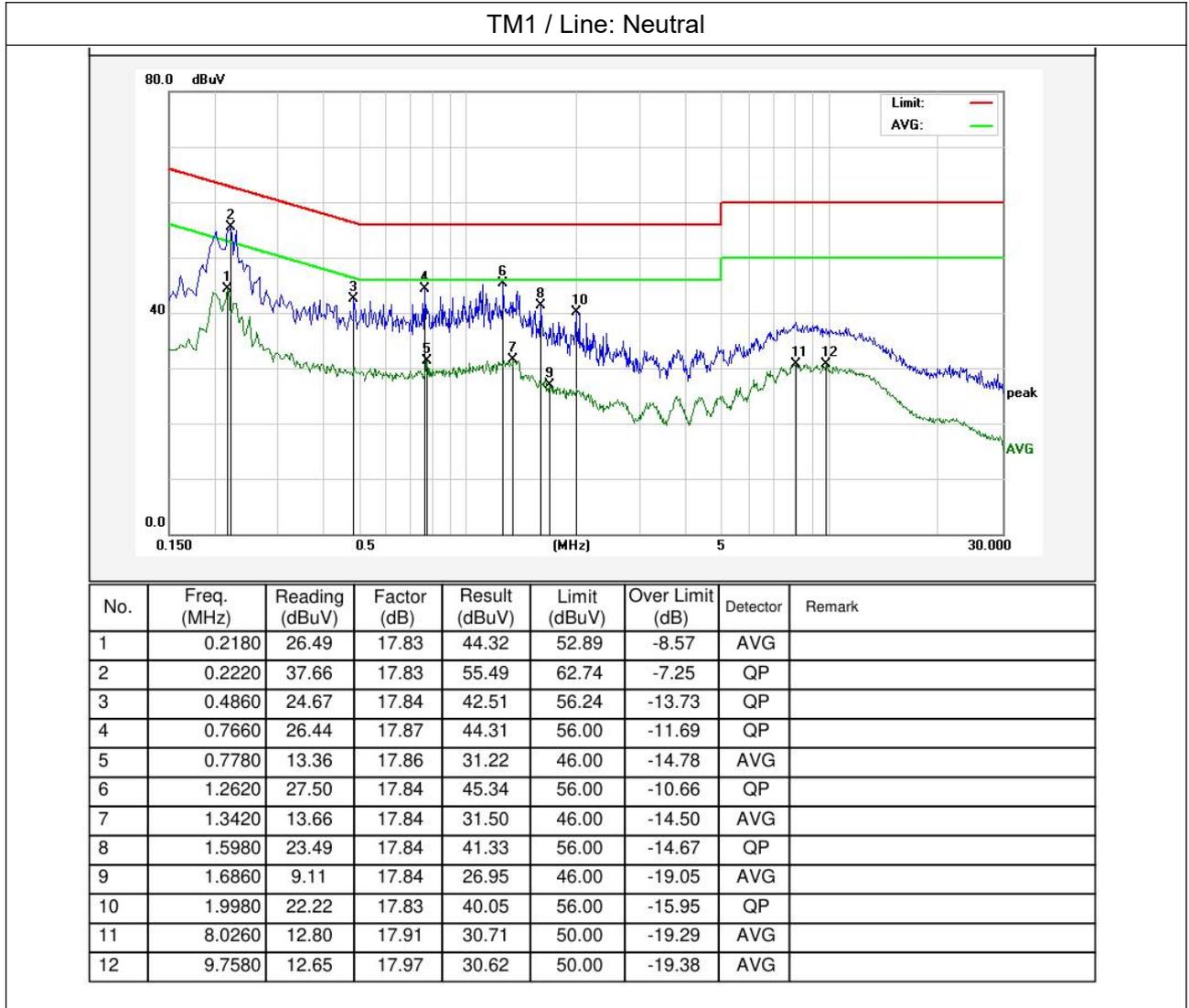


3.3. Test Data

Temperature:	22.7 °C	Humidity:	52 %	Atmospheric Pressure:	101 kPa
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Temperature:	22.7 °C	Humidity:	52 %	Atmospheric Pressure:	101 kPa
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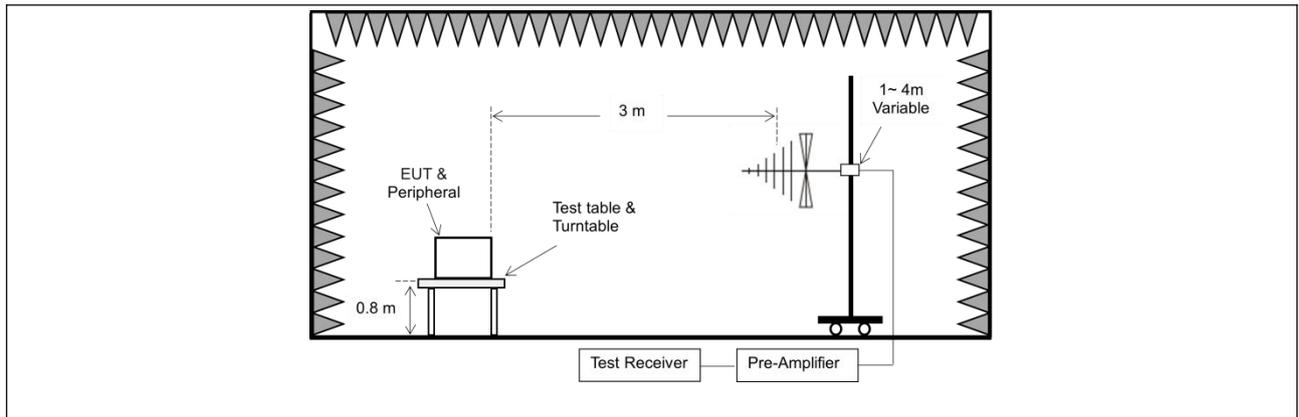
4. Radiated emissions (30MHz-1GHz)

Test Requirement:	Class B		
Test Limit:	Frequency (MHz)	Limit [dB(uV/m) at 10m]	Limit [dB(uV/m) at 3m]
	30 to 230	30	40
	230 to 1000	37	47
	Detector:	Peak for pre-scan (120kHz resolution bandwidth) 30M to 1000MHz	
Test Method:	Clause 7.3 of CISPR 16-2-3:2016		
Procedure:	An initial pre-scan was performed in the chamber using the spectrum analyser in peak detection mode. Quasi-peak measurements were conducted based on the peak sweep graph. The EUT was measured by BiConiLog antenna with 2 orthogonal polarities. Remark: Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor		

4.1. EUT Operation

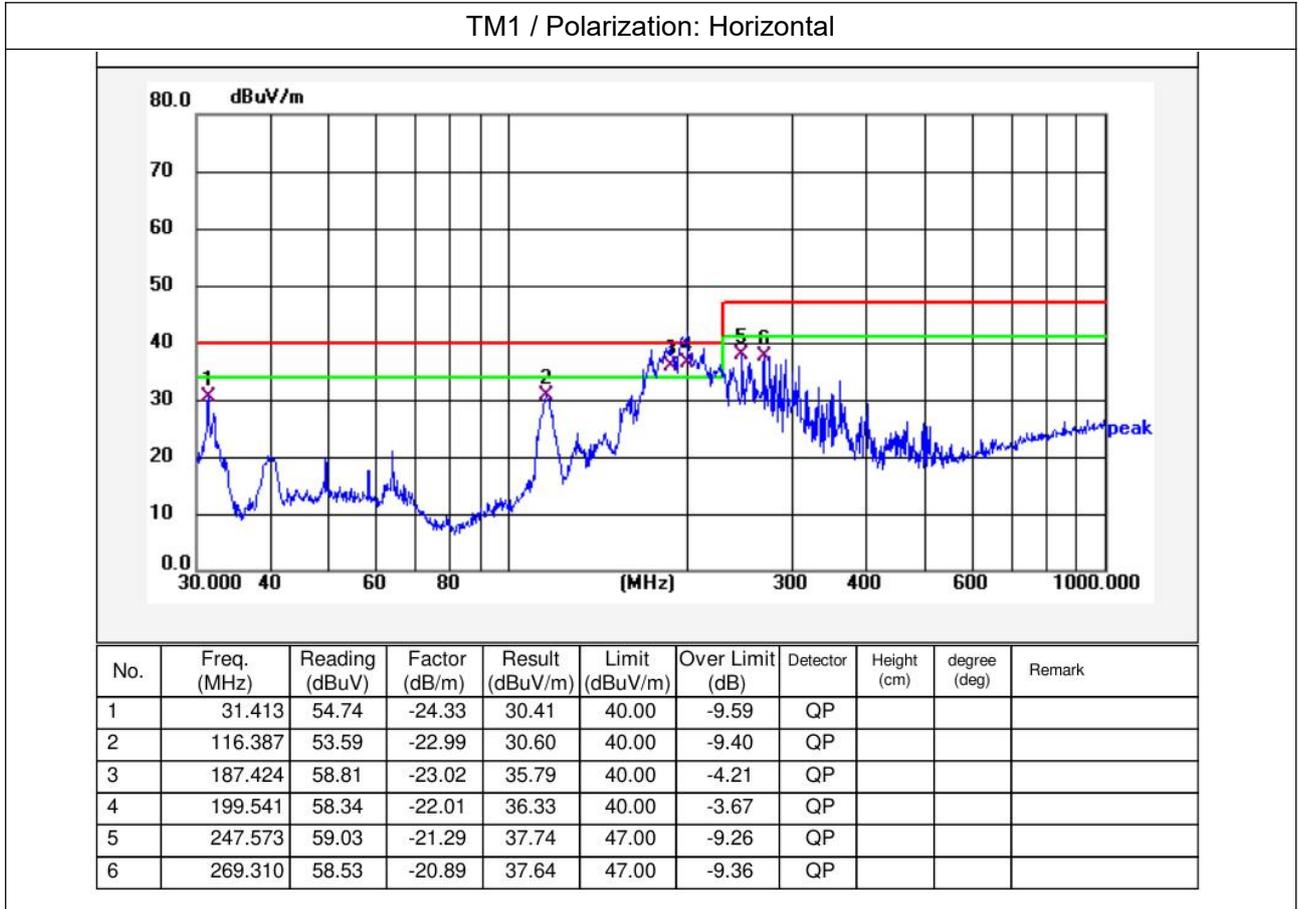
Operating Environment:	
Test mode:	1: TM1: Adapter+ AUX in Mode(AC 230V/50Hz for adapter)

4.2. Test Setup

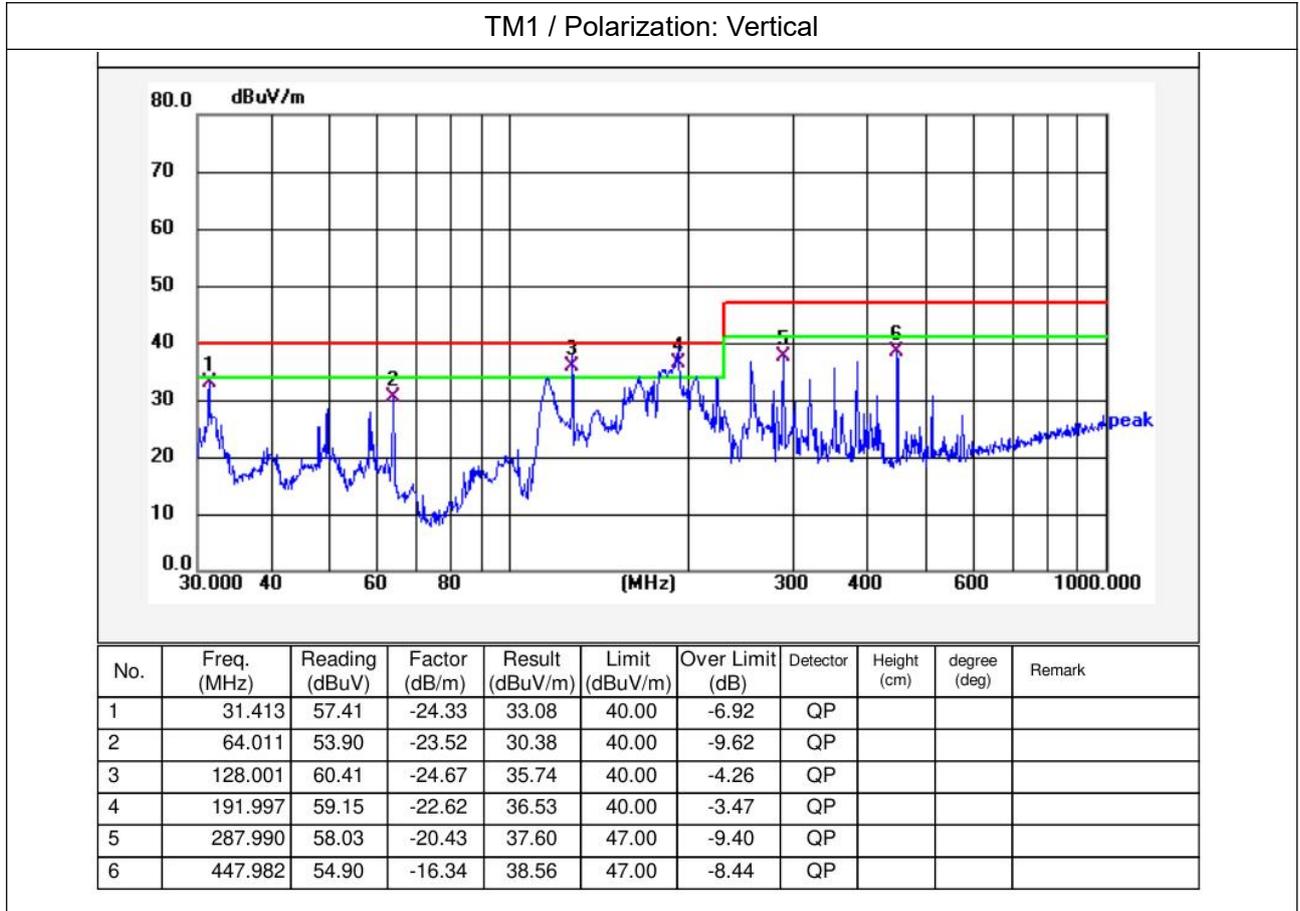


4.3. Test Data

Temperature:	22.5 °C	Humidity:	49 %	Atmospheric Pressure:	101 kPa
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Temperature:	22.5 °C	Humidity:	49 %	Atmospheric Pressure:	101 kPa
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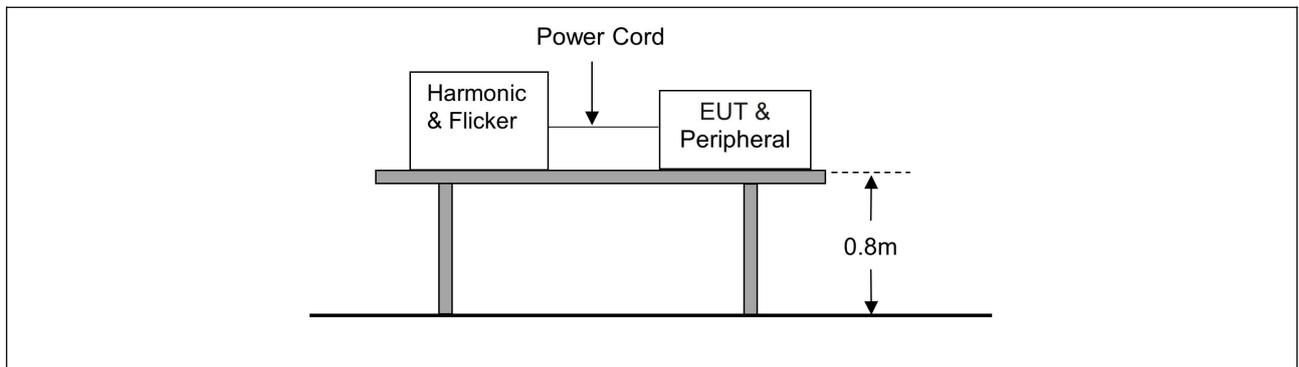
5. Voltage fluctuations and flicker

Test Requirement:	EN 61000-3-3, Clause 4
Test Limit:	EN 61000-3-3, Clause 5
Test Method:	EN 61000-3-3:2013+A2:2021

5.1. EUT Operation

Operating Environment:	
Test mode:	1: TM1: Adapter+ AUX in Mode(AC 230V/50Hz for adapter)

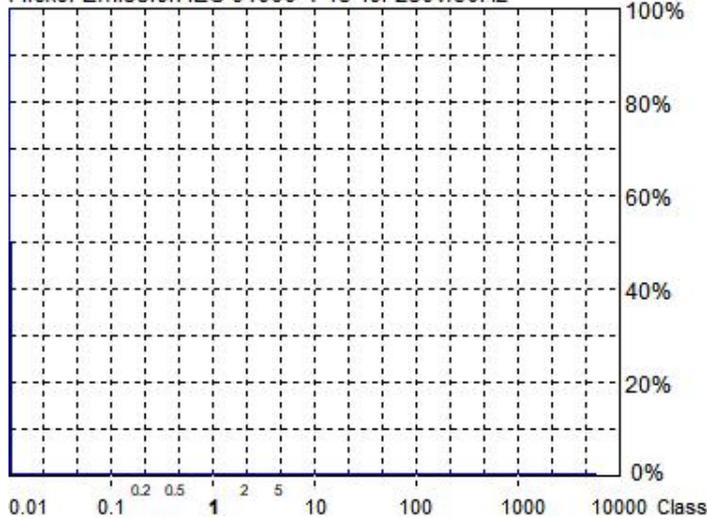
5.2. Test Setup



5.3. Test Data

Temperature:	24.2 °C	Humidity:	52 %	Atmospheric Pressure:	101 kPa
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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): 0.00
 Limit (Plt): 0.65
Maximum Relative Volt. Change (dmax): 0.00%
 Limit (dmax): 4.00%
Relative Steady-state Voltage Change (dc): 0.00%
 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 = 229.5 V P = 3.534 W
 Irms = 0.039 A pf = 0.395

Range: 0.25 A
 V-nom: 230 V

Test aborted, Result: PASSED

HAR-1000 EMC-Partner

Full Bar : Actual Values
 Empty Bar : Maximum Values
 Circles : Average Values
 Blue : Current , Green : Voltage , Red : Failed

Urms = 229.5V Freq = 49.987 Range: 0.25 A
 Irms = 0.039A Ipk = 0.213A cf = 5.458
 P = 3.534W S = 8.938VA pf = 0.395

Test - Time : 10 x 1min = 10min (100 %)

LIN (Line Impedance Network) : L: 0.24ohm +j0.15ohm N: 0.16ohm +j0.10ohm

Limits : Plt : 0.65Pst : 1.00
 dmax : 4.00 % dc : 3.30 %
 dtLim: 3.30 % dt>Lim: 500ms

Test aborted, Result: PASSED

	P3s	dmax	dc	dt>Lim
	[%]	[%]	[ms]	
1	0.000	0.000	0.000	0.000



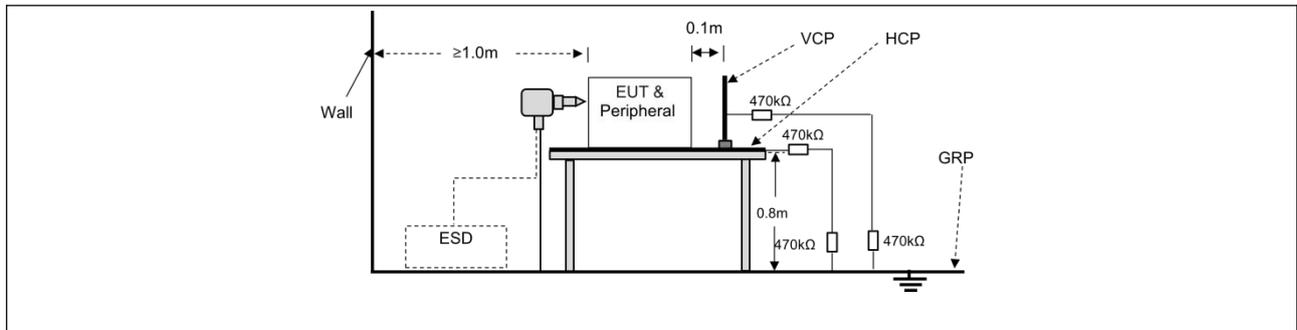
6. Electrostatic discharges

Test Requirement:	Contact Discharge: +/- 4kV Air Discharge: +/- 8kV
Test Method:	EN 61000-4-2: 2009
Procedure:	Discharge Impedance: 330Ω/150pF Number of Discharge: Minimum 10 times at each test point Discharge Mode: Single Discharge Discharge Period: 1 second minimum
Performance Criteria:	B

6.1. EUT Operation

Operating Environment:	
Test mode:	1: TM1: Adapter+ AUX in Mode(AC 230V/50Hz for adapter)

6.2. Test Setup



6.3. Test Data

Temperature:	23.1 °C	Humidity:	49 %	Atmospheric Pressure:	101 kPa
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Discharge type	Volt (kV)	Polarity	Test Point	Result/ Observations
Air discharge	2,4,8	+	1	A
Air discharge	2,4,8	-	1	A
Contact discharge	4	+	2	A
Contact discharge	4	-	2	A
Horizontal Coupling	4	+	3	A
Horizontal Coupling	4	-	3	A
Vertical Coupling	4	+	3	A
Vertical Coupling	4	-	3	A

Test Point: 1. All insulated enclosure and seams.
2. All accessible metal parts of the enclosure.
3. All side.

A: No degradation in the performance of the EUT was observed.



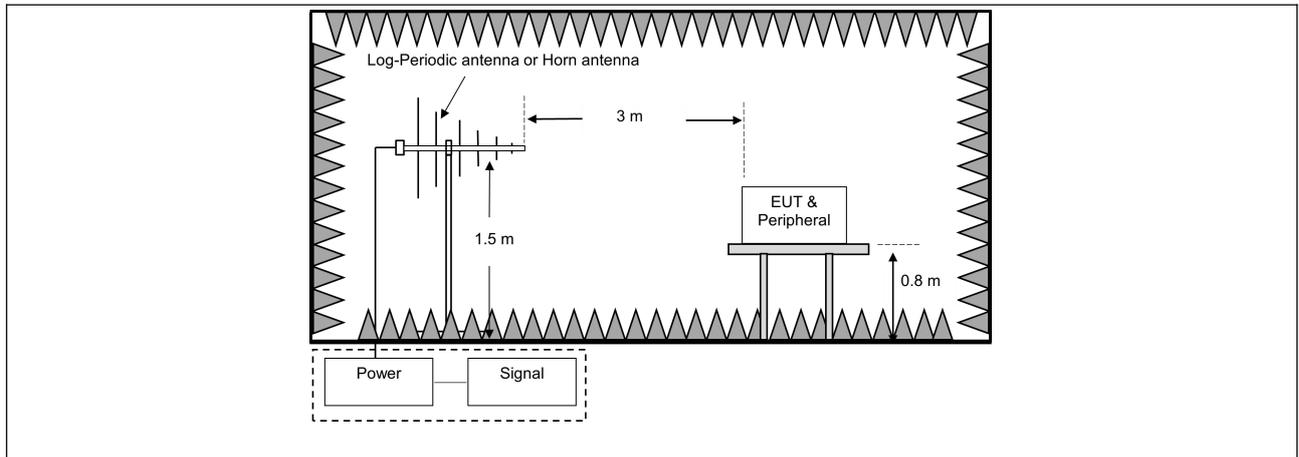
7. RF electromagnetic field disturbances

Test Requirement:	3V/m, 80%, 1kHz Amp. Mod.
Test Method:	EN IEC 61000-4-3: 2020
Procedure:	Frequency Range: 80MHz to 1GHz, 1800MHz, 2600MHz, 3500MHz, 5000MHz Antenna Polarisation: Vertical and Horizontal Modulation: 1kHz,80% Amp. Mod,1% increment
Performance Criteria:	A

7.1. EUT Operation

Operating Environment:	
Test mode:	1: TM1: Adapter+ AUX in Mode(AC 230V/50Hz for adapter)

7.2. Test Setup



7.3. Test Data

Temperature:	23.5 °C	Humidity:	50 %	Atmospheric Pressure:	101 kPa
--------------	---------	-----------	------	-----------------------	---------

Frequency	Field Strength (V/m)	EUT face	Dwell time	Result/ Observations
80MHz-1GHz	3	Front	3s	A
80MHz-1GHz	3	Back	3s	A
80MHz-1GHz	3	Left	3s	A
80MHz-1GHz	3	Right	3s	A
80MHz-1GHz	3	Top	3s	A
80MHz-1GHz	3	Bottom	3s	A
1800MHz	3	Front	3s	A
1800MHz	3	Back	3s	A
1800MHz	3	Left	3s	A
1800MHz	3	Right	3s	A
1800MHz	3	Top	3s	A
1800MHz	3	Bottom	3s	A
2600MHz	3	Front	3s	A
2600MHz	3	Back	3s	A
2600MHz	3	Left	3s	A
2600MHz	3	Right	3s	A
2600MHz	3	Top	3s	A
2600MHz	3	Bottom	3s	A
3500MHz	3	Front	3s	A
3500MHz	3	Back	3s	A
3500MHz	3	Left	3s	A
3500MHz	3	Right	3s	A
3500MHz	3	Top	3s	A
3500MHz	3	Bottom	3s	A
5000MHz	3	Front	3s	A
5000MHz	3	Back	3s	A
5000MHz	3	Left	3s	A
5000MHz	3	Right	3s	A
5000MHz	3	Top	3s	A
5000MHz	3	Bottom	3s	A

A: No degradation in the performance of the EUT was observed.



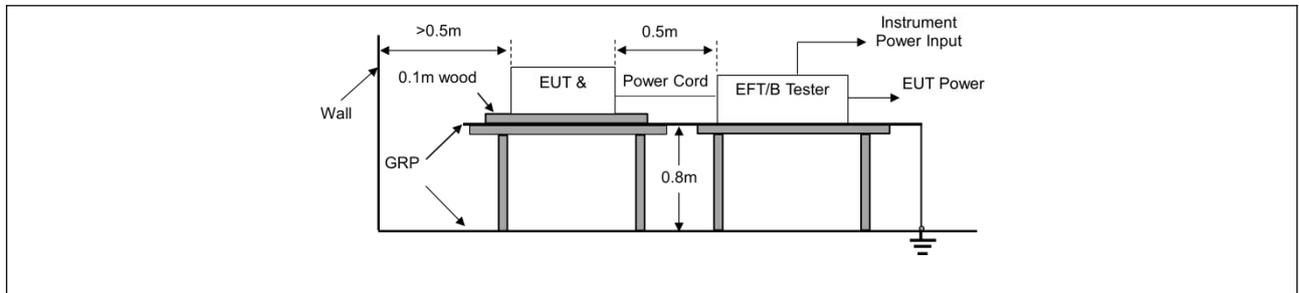
8. Electrical fast transients / burst for AC mains power ports

Test Requirement:	1kV; 5/50ns Tr/Th; 5kHz Repetition Frequency
Test Method:	EN 61000-4-4: 2012
Procedure:	Repetition Frequency: 5kHz Burst Period: 300ms Test Duration: 2 minute per level & polarity
Performance Criteria:	B

8.1. EUT Operation

Operating Environment:	
Test mode:	1: TM1: Adapter+ AUX in Mode(AC 230V/50Hz for adapter)

8.2. Test Setup



8.3. Test Data

Temperature:	24.2 °C	Humidity:	52 %	Atmospheric Pressure:	101 kPa
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Port	Volt (kV)	Polarity	CDN/ Clamp	Result/ Observations
AC power port	1	+	CDN	A
AC power port	1	-	CDN	A

A: No degradation in the performance of the EUT was observed.



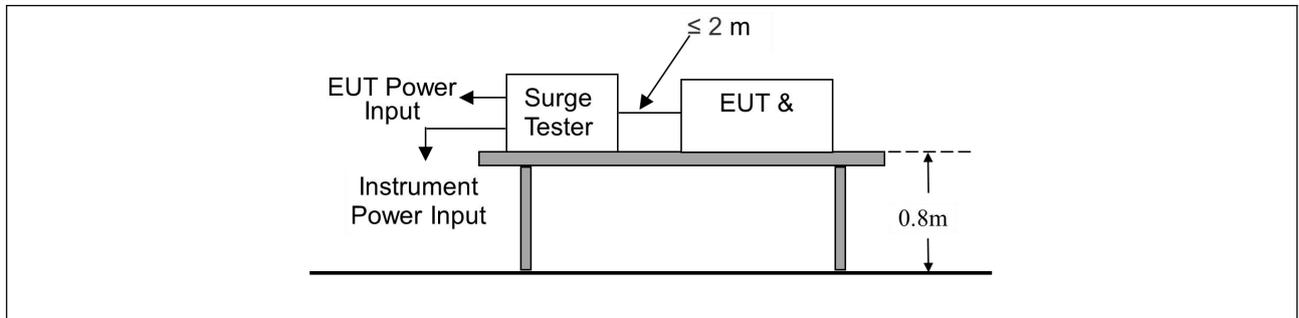
9. Surges for AC mains power ports

Test Requirement:	1.2/50µs Tr/Td; 1kV Line to Line
Test Method:	EN 61000-4-5: 2014 +A1: 2017
Procedure:	Interval: 60s between each surge No. of surges: 5 positive, 5 negative at 90°, 270°
Performance Criteria:	B

9.1. EUT Operation

Operating Environment:	
Test mode:	1: TM1: Adapter+ AUX in Mode(AC 230V/50Hz for adapter)

9.2. Test Setup



9.3. Test Data

Temperature:	24.2 °C	Humidity:	52 %	Atmospheric Pressure:	101 kPa
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Port	Volt (kV)	Polarity	Phase(degree)	Result/ Observations
L-N	1	+	90°	A
L-N	1	-	270°	A

A: No degradation in the performance of the EUT was observed.



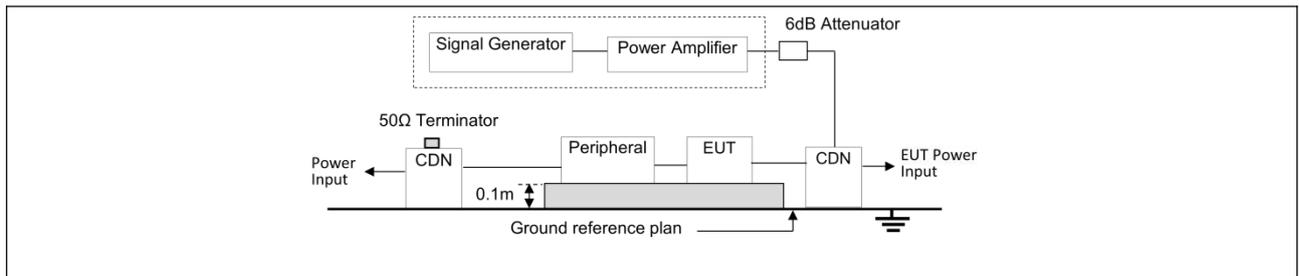
10. Continuous induced RF disturbances for AC mains power ports (150kHz-80MHz)

Test Requirement:	0,15 to 10MHz 3Vrms (emf), 10 to 30MHz 3V to 1Vrms(emf), 30 to 80MHz 1Vrms(emf), 80%,1kHz Amp. Mod.
Test Method:	EN 61000-4-6: 2014
Procedure:	Frequency Range: 0.15MHz to 80MHz Modulation: 80%, 1kHz Amplitude Modulation Step Size: 1%
Performance Criteria:	A

10.1. EUT Operation

Operating Environment:	
Test mode:	1: TM1: Adapter+ AUX in Mode(AC 230V/50Hz for adapter)

10.2. Test Setup



10.3. Test Data

Temperature:	24.2 °C	Humidity:	52 %	Atmospheric Pressure:	101 kPa
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Port	Strength (Vrms)	CDN/Clamp	Dwell time	Result/ Observations
AC power port	3(0.15MHz-10MHz)	CDN	3s	A
AC power port	3 to 1(10MHz-30MHz, Lines)	CDN	3s	A
AC power port	1(30MHz-80MHz)	CDN	3s	A

A: No degradation in the performance of the EUT was observed.



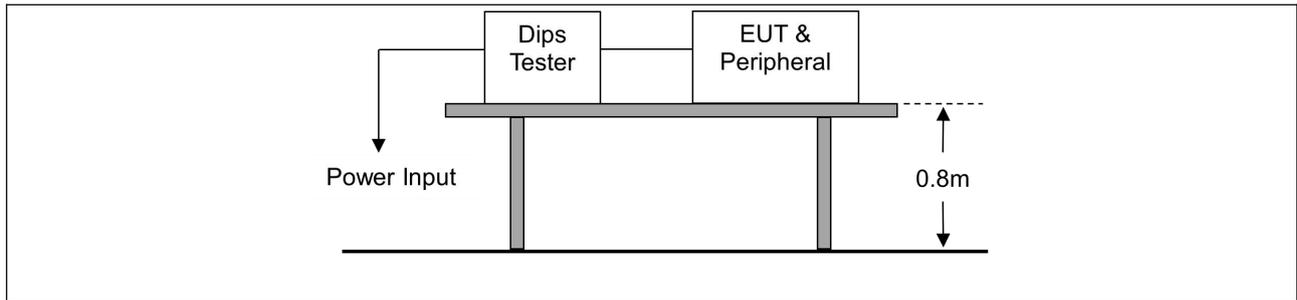
11. Voltage dips and interruptions

Test Requirement:	<5% residual voltage for 0.5 periods 70% residual voltage for 25 periods <5% residual voltage for 250 periods
Test Method:	EN IEC 61000-4-11:2020
Procedure:	<5% residual voltage for 0.5 period 70% residual voltage for 25 period <5% residual voltage for 250 period No. of Dips / Interruptions: 3 per Level Time between dropout: 10s
Performance Criteria:	B, C

11.1. EUT Operation

Operating Environment:	
Test mode:	1: TM1: Adapter+ AUX in Mode(AC 230V/50Hz for adapter)

11.2. Test Setup



11.3. Test Data

Temperature:	24.2 °C	Humidity:	52 %	Atmospheric Pressure:	101 kPa
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Level %UT	Phase (degree)	Duration	No. of Dips/ Interruptions	Result/ Observations
0	0°	0.5 Cycles	3	A
0	0°	250 Cycles	3	A
70	0°	25 Cycles	3	A

A: No degradation in the performance of the EUT was observed.



APPENDIX I -- TEST SETUP PHOTOGRAPH

Please refer to separated files Appendix I -- Test Setup Photograph_EMG

APPENDIX II -- EXTERNAL PHOTOGRAPH

Please refer to separated files Appendix II -- External Photograph

APPENDIX III -- INTERNAL PHOTOGRAPH

Please refer to separated files Appendix III -- Internal Photograph



CE Label

1. The CE conformity marking must consist of the initials 'CE' taking the following form:
If the CE marking is reduced or enlarged, the proportions given in the above graduated drawing must be respected.
2. The CE marking must have a height of at least 5 mm except where this is not possible on account of the nature of the apparatus.
3. The CE marking must be affixed to the product or to its data plate. Additionally it must be affixed to the packaging, if any, and to the accompanying documents.
4. The CE marking must be affixed visibly, legibly and indelibly.
It must have the same height as the initials 'CE'.

----- End of Report -----

