



中国认可
国际互认
检测
TESTING
CNAS L11397

FCC EMC Test Report

Project No. : 2311H013
Equipment : Connect T7 Wi-Fi 7 Mesh Router
Brand Name : Predator
Test Model : T7
Series Model : N/A
Applicant : Acer Incorporated
Address : 8F, 88, Sec. 1, Xintai 5th Rd., Xizhi, New Taipei City 221, Taiwan, R.O.C.
Manufacturer : Acer Incorporated
Address : 8F, 88, Sec. 1, Xintai 5th Rd., Xizhi, New Taipei City 221, Taiwan, R.O.C.
Date of Receipt : Nov. 09, 2023
Date of Test : Nov. 17, 2023 ~ Dec. 13, 2023
Issued Date : Jul. 08, 2024
Report Version : R00
Test Sample : Engineering Sample No.: SH2023110995, SH2023110988-4
Standard(s) : FCC CFR Title 47, Part 15, Subpart B, Class B
ANSI C63.4-2014

The above equipment has been tested and found compliance with the requirement of the relative standards by BTL Inc. (Shanghai).

Prepared by : Joven Xiong

Approved by : Simon Jia

Add: No. 29, Jintang Road, Tangzhen Industry Park, Pudong New Area, Shanghai 201210, China.

Tel: +86-021-61765666

Web: www.newbtl.com

Service mail: btl_qa@newbtl.com

Declaration

BTL represents to the client that testing is done in accordance with standard procedures as applicable and that test instruments used has been calibrated with standards traceable to international standard(s) and/or national standard(s).

BTL's reports apply only to the specific samples tested under conditions. It is manufacture's responsibility to ensure that additional production units of this model are manufactured with the identical electrical and mechanical components. **BTL** assumes no responsibility for the data provided by the customer, any statements, inferences or generalizations drawn by the customer or others from the reports issued by **BTL**.

The report must not be used by the client to claim product certification, approval, or endorsement by CNAS.

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BTL's laboratory quality assurance procedures are in compliance with the ISO/IEC 17025: 2017 requirements, and accredited by the conformity assessment authorities listed in this test report.

BTL is not responsible for the sampling stage, so the results only apply to the sample as received.

The information, data and test plan are provided by manufacturer which may affect the validity of results, so it is manufacturer's responsibility to ensure that the apparatus meets the essential requirements of applied standards and in all the possible configurations as representative of its intended use.

Limitation

For the use of the authority's logo is limited unless the Test Standard(s)/Scope(s)/Item(s) mentioned in this test report is (are) included in the conformity assessment authorities acceptance respective.

Please note that the measurement uncertainty is provided for informational purpose only and are not use in determining the Pass/Fail results.

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REPORT ISSUED HISTORY

Report No.	Version	Description	Issued Date	Note
BTL-FCCE-1-2311H013	R00	Original Issue.	Jul. 08, 2024	Valid

1. SUMMARY OF TEST RESULTS

Emission		
Ref Standard(s)	Test Item	Result
FCC CFR Title 47, Part 15, Subpart B, Class B ANSI C63.4-2014	AC Power Line Conducted Emissions	PASS
	Radiated Emissions 30 MHz to 1 GHz	PASS
	Radiated Emissions Above 1 GHz	PASS

NOTE:

- (1) "N/A" denotes test is not applicable to this device.

1.1 TEST FACILITY

The test facilities used to collect the test data in this report is located at the location of No. 29, Jintang Road, Tangzhen Industry Park, Pudong New Area, Shanghai 201210, China.

1.2 MEASUREMENT UNCERTAINTY

ISO/IEC 17025 requires that an estimate of the measurement uncertainties associated with the emissions test results be included in the report. The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor (k=2))

The BTL measurement uncertainty as below table:

A. AC power line conducted emissions test:

Test Site	Method	Measurement Frequency Range	U,(dB)
SH-C01	CISPR 16-4-2	150 kHz ~ 30MHz	2.02

B. Radiated emissions test:

Test Site	Method	Measurement Frequency Range	Ant. H / V	U, (dB)
SH-CB01 (3m)	CISPR 16-4-2	30 MHz ~ 200 MHz	V	4.32
		30 MHz ~ 200 MHz	H	3.56
		200 MHz ~ 1,000 MHz	V	4.64
		200 MHz ~ 1,000 MHz	H	4.06

Test Site	Method	Measurement Frequency Range	U,(dB)
SH-CB01 (3m)	CISPR 16-4-2	1 GHz ~ 6 GHz	4.70
		6 GHz ~ 18 GHz	4.42
		18 GHz ~ 26.5 GHz	3.22
		26.5 GHz ~ 40 GHz	3.34

Note: Unless specifically mentioned, the uncertainty of measurement has not been taken into account to declare the compliance or non-compliance to the specification.

1.3 TEST ENVIRONMENT CONDITIONS

Test Item	Temperature	Humidity	Tested By
AC Power Line Conducted Emissions	26°C	54%	Hans Zheng
Radiated emissions 30 MHz to 1 GHz	23.1°C	47%	Grunt Fan
Radiated emissions above 1 GHz	15°C~23.1°C	35%~47%	Gary Zhao Grunt Fan

2. GENERAL INFORMATION

2.1 GENERAL DESCRIPTION OF EUT

Equipment	Connect T7 Wi-Fi 7 Mesh Router
Brand Name	Predator
Test Model	T7
Series Model	N/A
Model Difference(s)	N/A
Power Source	DC Voltage supplied from AC/DC adapter Brand/Model:TIANYIN/ TPQ-229C120300UW01
Power Rating	I/P: 100-240V~50/60Hz 1.2A O/P: 12.0V---3.0A
Connecting I/O Port	1* DC IN Port 3* RJ45 Cable 1* USB-C Cable
Classification of EUT	Class B
Highest Internal Frequency(Fx)	5.85 GHz

Note:

1. For a more detailed features description, please refer to the manufacturer's specifications or the user's manual.

2.2 DESCRIPTION OF TEST MODES

To investigate the maximum EMI emission characteristics generated from EUT, the test system was pre-scanning tested based on the consideration of following EUT operation mode or test configuration mode which possibly 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 SYSTEM

AC Power Line Conducted Emissions test	
Final Test Mode	Description
Mode 1	FULL SYSTEM

Radiated Emissions 30 MHz to 1 GHz test	
Final Test Mode	Description
Mode 1	FULL SYSTEM

Radiated emissions above 1 GHz test	
Final Test Mode	Description
Mode 1	FULL SYSTEM

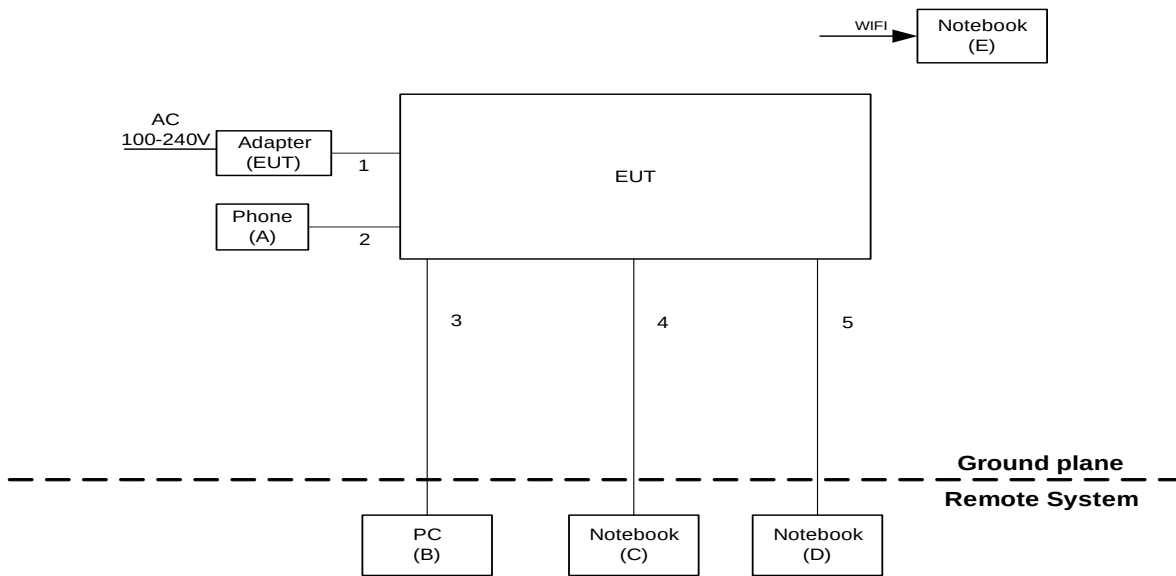
2.3 EUT OPERATING CONDITIONS

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.

The standard test signals and output signal as following:

1. EUT connected to Phone via USB-C Cable.
2. EUT connected to PC & Notebook via RJ45 Cable.
3. EUT connected to Notebook via WIFI function.

2.4 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED



2.5 DESCRIPTION OF SUPPORT UNITS

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

Item	Equipment	Mfr/Brand	Model/Type No.	Series No.
A	Phone	Honor	V10	N/A
B	PC	DELL	XPS8920	DXFKNK2
C	Notebook	Think Pad	Think Pad T490	PF-1XQ9CT
D	Notebook	ThinkPad	E470C	20H3A00VCDPF0S9M9X
E	Notebook	ThinkPad	E470C	20H3A00VCDPF0S8287

Item	Cable Type	Shielded Type	Ferrite Core	Length
1	DC Cable	NO	NO	1.8m
2	USB-C Cable	YES	NO	0.4m
3-5	RJ45 Cable	NO	NO	18m

3. EMC EMISSION TEST

3.1 AC POWER LINE CONDUCTED EMISSIONS TEST

3.1.1 LIMIT

Frequency of Emission (MHz)	Class B (dBuV)	
	Quasi-peak	Average
0.15 - 0.5	66 - 56 *	56 - 46 *
0.5 - 5	56	46
5 - 30	60	50

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) The test result calculated as following:
 Measurement Value = Reading Level + Correct Factor
 Correct Factor = Insertion Loss + Cable Loss + Attenuator Factor(if use)
 Margin Level = Measurement Value - Limit Value

3.1.2 MEASUREMENT INSTRUMENTS LIST

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	TWO-LINE V-NETWORK	R&S	ENV216	101340	Jul. 21, 2024
2	Test Cable	emci	EMCRG400-B M-NM-10000	N/A	Mar. 16, 2024
3	EMI Test Receiver	R&S	ESCI	100082	Mar. 17, 2024
4	50Ω Terminator	SHX	TF2-1G-A	17051602	Mar. 17, 2024
5	50Ω coaxial switch	Anritsu	MP59B	6201750902	Mar. 17, 2024
6	Measurement Software	Farad	EZ-EMC Ver.NB-03A1- 01	N/A	N/A

Remark: "N/A" denotes no model name, serial no. or calibration specified.

All calibration period of equipment list is one year.

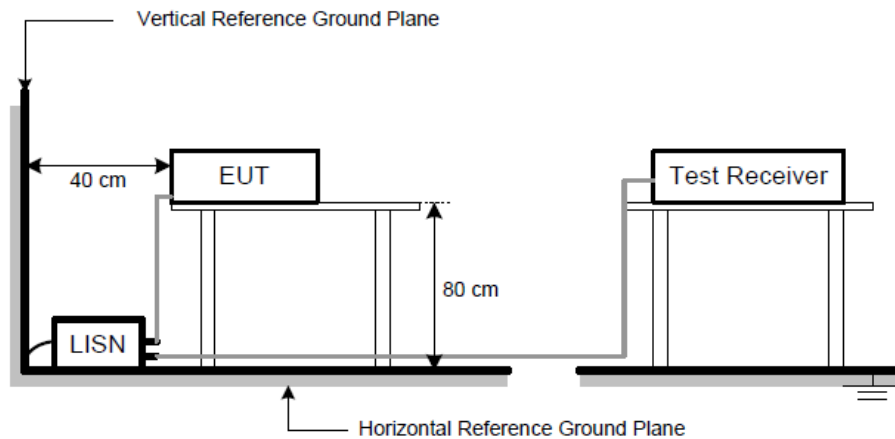
3.1.3 TEST PROCEDURE

- The EUT was placed 0.8 meters from the horizontal ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipment powered from additional LISN(s). The LISN provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.
- 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.
- 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.
- LISN at least 80 cm from nearest part of EUT chassis.
- For the actual test configuration, please refer to the related Item –EUT Test Photos.
- Measuring frequency range from 150KHz to 30MHz.

3.1.4 DEVIATION FROM TEST STANDARD

No deviation

3.1.5 TEST SETUP

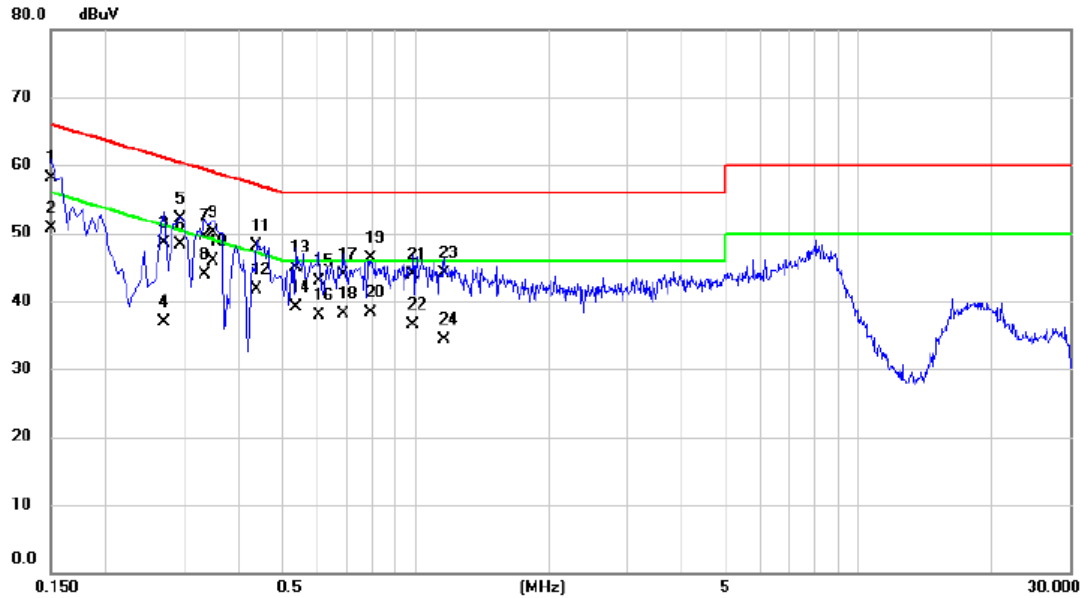


3.1.6 TEST RESULTS

Remark

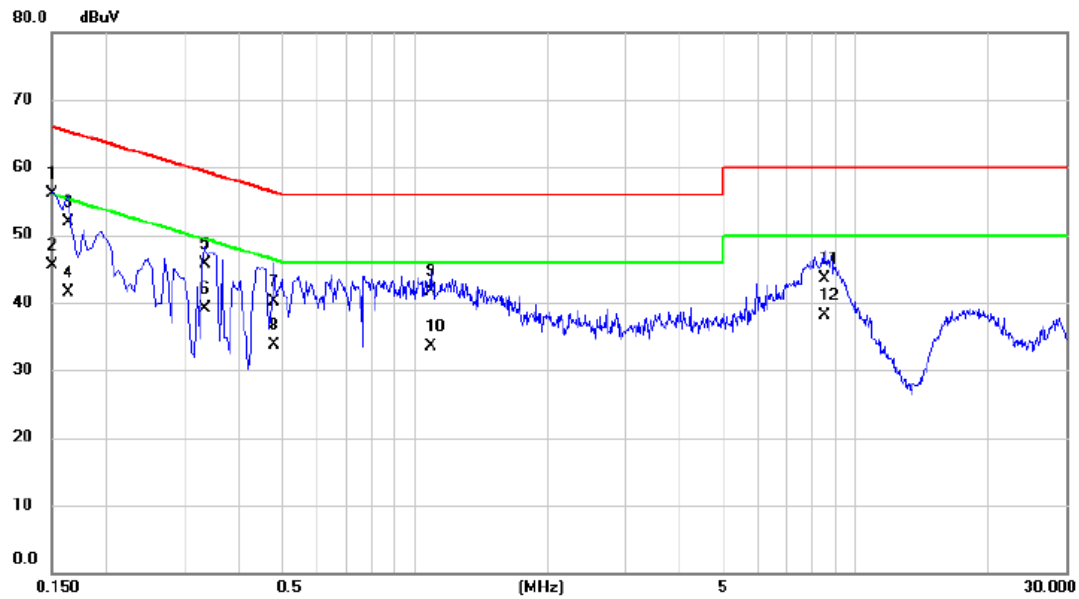
- Reading in which marked as QP means measurements by using are Quasi-Peak Mode with Detector BW=9 kHz; SPA setting in RBW=10 kHz, VBW =10 kHz, Swp. Time = 0.3 sec./MHz. Reading in which marked as AV means measurements by using are Average Mode with instrument setting in RBW=10 kHz, VBW=10 kHz, Swp. Time =0.3 sec./MHz.
- All readings are QP Mode value unless otherwise stated AVG in column of 『Note』 . If the QP Mode Measured value compliance with the QP Limits and lower than AVG Limits, the EUT shall be deemed to meet both QP & AVG Limits and then only QP Mode was measured, but AVG Mode didn't perform. In this case, a " * " marked in AVG Mode column of Interference Voltage Measured.

Test Voltage	AC 120V/60Hz	Phase	Line
Test Mode	FULL SYSTEM		



No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1	0.1500	48.40	9.72	58.12	66.00	-7.88	QP	
2	0.1500	41.00	9.72	50.72	56.00	-5.28	AVG	
3	0.2714	38.70	9.74	48.44	61.07	-12.63	QP	
4	0.2714	27.10	9.74	36.84	51.07	-14.23	AVG	
5	0.2940	42.40	9.75	52.15	60.41	-8.26	QP	
6 *	0.2940	38.50	9.75	48.25	50.41	-2.16	AVG	
7	0.3345	39.80	9.75	49.55	59.34	-9.79	QP	
8	0.3345	34.10	9.75	43.85	49.34	-5.49	AVG	
9	0.3480	40.30	9.75	50.05	59.01	-8.96	QP	
10	0.3480	36.10	9.75	45.85	49.01	-3.16	AVG	
11	0.4380	38.30	9.76	48.06	57.10	-9.04	QP	
12	0.4380	31.90	9.76	41.66	47.10	-5.44	AVG	
13	0.5370	35.20	9.76	44.96	56.00	-11.04	QP	
14	0.5370	29.40	9.76	39.16	46.00	-6.84	AVG	
15	0.6045	33.20	9.77	42.97	56.00	-13.03	QP	
16	0.6045	28.10	9.77	37.87	46.00	-8.13	AVG	
17	0.6855	34.10	9.80	43.90	56.00	-12.10	QP	
18	0.6855	28.40	9.80	38.20	46.00	-7.80	AVG	
19	0.7935	36.40	9.85	46.25	56.00	-9.75	QP	
20	0.7935	28.50	9.85	38.35	46.00	-7.65	AVG	
21	0.9870	34.00	9.94	43.94	56.00	-12.06	QP	
22	0.9870	26.60	9.94	36.54	46.00	-9.46	AVG	
23	1.1625	34.20	9.98	44.18	56.00	-11.82	QP	
24	1.1625	24.30	9.98	34.28	46.00	-11.72	AVG	

Test Voltage	AC 120V/60Hz	Phase	Neutral
Test Mode	FULL SYSTEM		



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1	*	0.1500	46.40	9.71	56.11	66.00	-9.89	QP	
2		0.1500	35.70	9.71	45.41	56.00	-10.59	AVG	
3		0.1635	42.10	9.72	51.82	65.28	-13.46	QP	
4		0.1635	31.80	9.72	41.52	55.28	-13.76	AVG	
5		0.3345	36.00	9.73	45.73	59.34	-13.61	QP	
6		0.3345	29.40	9.73	39.13	49.34	-10.21	AVG	
7		0.4785	30.40	9.71	40.11	56.37	-16.26	QP	
8		0.4785	24.00	9.71	33.71	46.37	-12.66	AVG	
9		1.0860	31.70	9.94	41.64	56.00	-14.36	QP	
10		1.0860	23.60	9.94	33.54	46.00	-12.46	AVG	
11		8.4840	33.50	10.03	43.53	60.00	-16.47	QP	
12		8.4840	28.00	10.03	38.03	50.00	-11.97	AVG	

3.2 RADIATED EMISSIONS 30 MHZ TO 1 GHZ

3.2.1 LIMIT

Frequency (MHz)	Class B (at 3m)	
	(uV/m) Quasi-peak	(dBuV/m) Quasi-peak
30 - 88	100	40
88 - 216	150	43.5
216 - 960	200	46
960 - 1000	500	54

NOTE:

- (1) The tighter limit applies at the band edges.
- (2) Emission level (dBuV/m) = $20\log$ Emission level (uV/m).
3m Emission level = 10m Emission level + $20\log(10m/3m)$.
- (3) The test result calculated as following:
Measurement Value = Reading Level + Correct Factor
Correct Factor = Antenna Factor + Cable Loss - Amplifier Gain(if use)
Margin Level = Measurement Value - Limit Value

3.2.2 MEASUREMENT INSTRUMENTS LIST

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	TRILOG Broadband Antenna	Schwarzbeck	VULB 9168	719	Mar. 03, 2024
2	Pre-Amplifier	emci	EMC9135	980400	Mar. 17, 2024
3	MXE EMI Receiver	Keysight	N9038A	MY57290116	Jul. 21, 2024
4	Test Cable	RW	RWLPS50-4.0A-SMSM-7M	20220306-001	Nov. 2, 2024
5	Test Cable	emci	EMC104-SM-SM-1000	181019	Nov. 2, 2024
6	Test Cable	emci	EMC104-NM-NM-3000	170619	Nov. 2, 2024
7	Measurement Software	Farad	EZ-EMC Ver.NB-03A1	N/A	N/A

Remark: "N/A" denotes no model name, no serial no. or no calibration specified.

All calibration period of equipment list is one year.

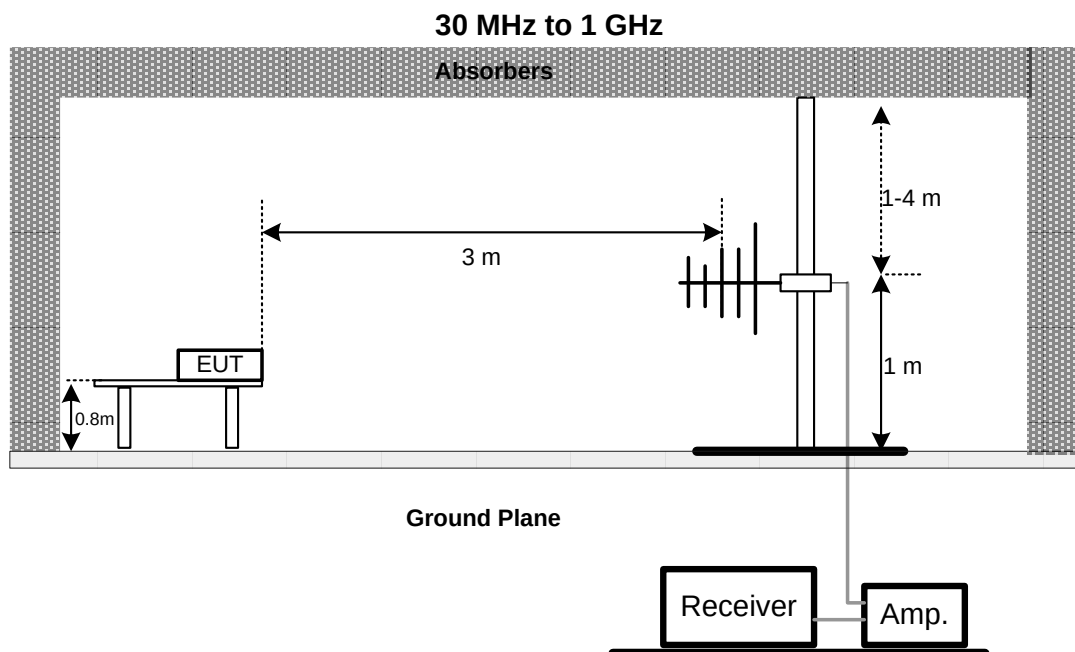
3.2.3 TEST PROCEDURE

- The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- 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.
- For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights find the maximum reading (used Bore sight function).
- The initial step in collecting radiated emission data is a receiver peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
- All readings are Peak unless otherwise stated QP in column of Note. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform.
- For the actual test configuration, please refer to the related Item - Block Diagram of system tested.

3.2.4 DEVIATION FROM TEST STANDARD

No deviation

3.2.5 TEST SETUP

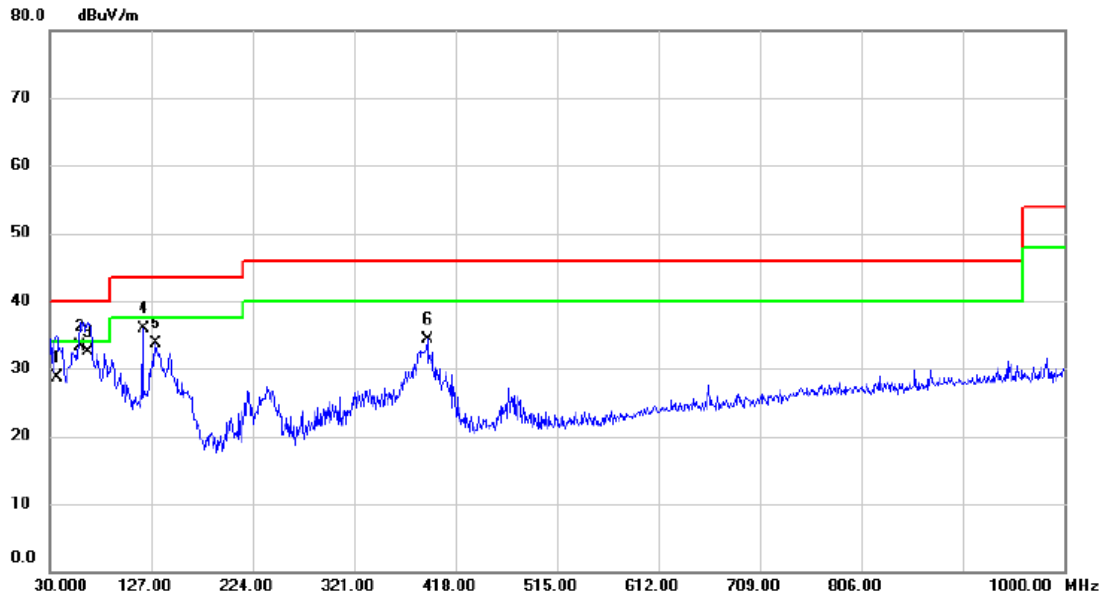


3.2.6 TEST RESULTS

Remark:

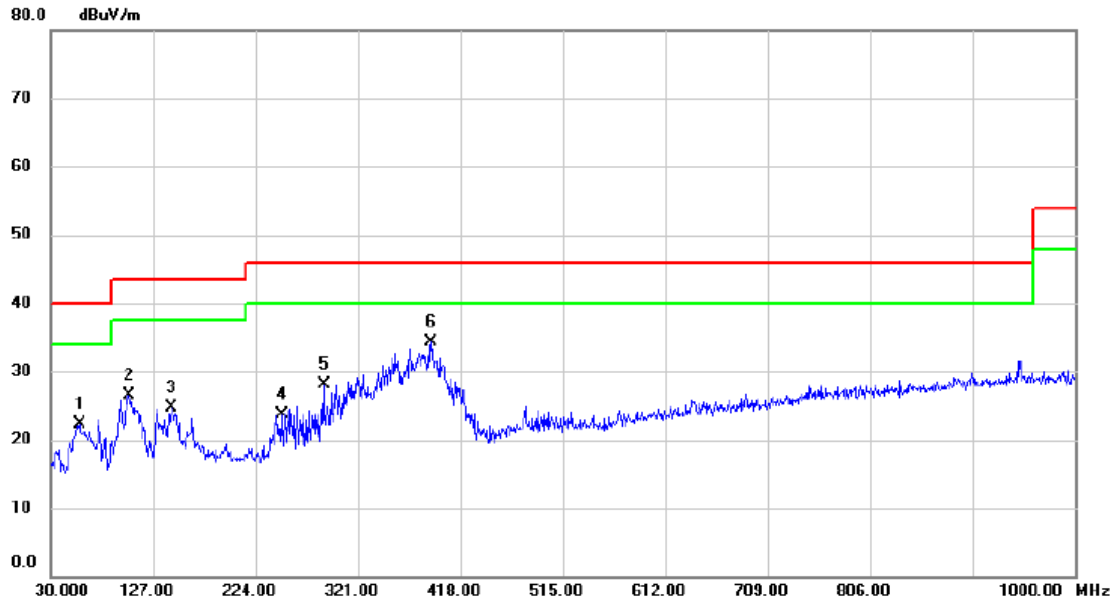
- Measuring frequency range from 30 MHz to 1000 MHz
- If the peak scan value lower limit more than 20 dB, then this signal data does not show in table.

Test Voltage	AC 120V/60Hz	Polarization	Vertical
Test Mode	FULL SYSTEM		



No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	37.2750	46.37	-17.74	28.63	40.00	-11.37	QP	
2 *	59.5850	50.53	-17.28	33.25	40.00	-6.75	QP	
3	66.3750	50.66	-18.18	32.48	40.00	-7.52	QP	
4	119.7250	54.41	-18.47	35.94	43.50	-7.56	QP	
5	130.8800	51.08	-17.36	33.72	43.50	-9.78	QP	
6	390.8400	47.53	-13.28	34.25	46.00	-11.75	QP	

Test Voltage	AC 120V/60Hz	Polarization	Horizontal
Test Mode	FULL SYSTEM		



No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	57.6450	39.40	-17.13	22.27	40.00	-17.73	QP	
2	104.2050	46.76	-20.23	26.53	43.50	-16.97	QP	
3	143.9750	41.03	-16.40	24.63	43.50	-18.87	QP	
4	248.7350	40.79	-17.13	23.66	46.00	-22.34	QP	
5	289.4750	43.71	-15.63	28.08	46.00	-17.92	QP	
6 *	390.3550	47.51	-13.29	34.22	46.00	-11.78	QP	

3.3 RADIATED EMISSIONS ABOVE 1 GHZ

3.3.1 LIMIT

Frequency (MHz)	Class B	
	(dBuV/m) (at 3m)	
	Peak	Average
Above 1000	74	54

FREQUENCY RANGE OF RADIATED MEASUREMENT (FOR UNINTENTIONAL RADIATORS)

Highest frequency generated or Upper frequency of measurement used in the device or on which the device operates or tunes (MHz)	Range (MHz)
Below 1.705	30
1.705 - 108	1000
108 - 500	2000
500 - 1000	5000
Above 1000	5 th harmonic of the highest frequency or 40 GHz, whichever is lower

NOTE:

- (1) The tighter limit applies at the band edges.
- (2) Emission level (dBuV/m) = 20log Emission level (uV/m).
3m Emission level = 10m Emission level + 20log(10m/3m).
- (3) The test result calculated as following:
Measurement Value = Reading Level + Correct Factor
Correct Factor = Antenna Factor + Cable Loss - Amplifier Gain(if use)
Margin Level = Measurement Value - Limit Value

3.3.2 MEASUREMENT INSTRUMENTS LIST

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Double-Ridged Waveguide Horn Antenna	ETS-Lindgren	3117	206960	Mar. 03, 2024
2	Pre-Amplifier	emci	EMC012645B	980264	Jul. 21, 2024
3	MXE EMI Receiver	Keysight	N9038A	MY57290116	Jul. 21, 2024
4	Test Cable	RW	RWLPS50-4.0A-SMSM-7M	20220306-001	Nov. 2, 2024
5	Test Cable	emci	EMC104-SM-S M-1000	181019	Nov. 2, 2024
6	Test Cable	emci	EMC104-NM-N M-3000	170619	Nov. 2, 2024
7	Measurement Software	Farad	EZ-EMC Ver.NB-03A1	N/A	N/A
8	Antenna	Schwarzbeck	BBHA9170	9170-651	Mar. 12, 2024
9	Pre-Amplifier	EMC INSTRUMENT	EMC184045B	980265	Mar. 17, 2024
10	EXA Spectrum Analyzer	Keysight	N9010A	MY56480559	Mar. 17, 2024
11	Test Cable	RW	100% S-Parameter Recorded	F02-150819-039	Oct. 21, 2024
12	Test Cable	emci	EMC104-SM-S M-2500	170616	Oct. 21, 2024
13	Test Cable	emci	EMC104-SM-S M-2500	170652	Oct. 21, 2024

Remark: "N/A" denotes no model name, no serial no. or no calibration specified.

All calibration period of equipment list is one year.

3.3.3 TEST PROCEDURE

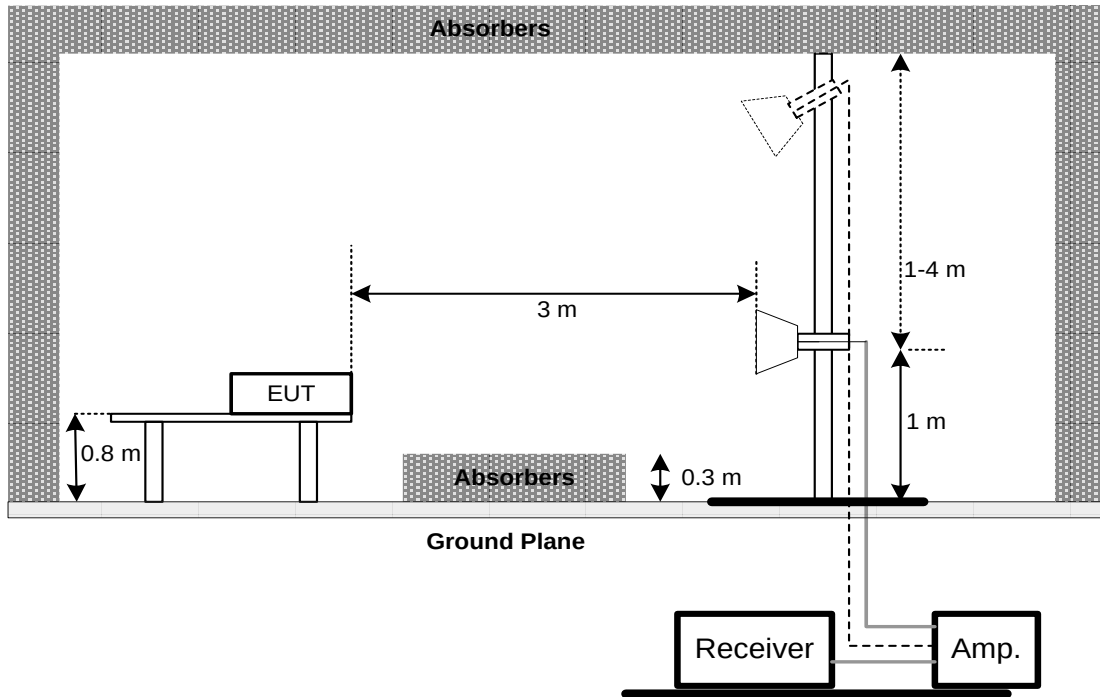
- The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- The height of the equipment or of the 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.
- For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights find the maximum reading (used Bore sight function).
- The initial step in collecting radiated emission data is a receiver peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
- The receiver system was set to peak and average detect function and specified bandwidth with maximum hold mode when the test frequency is above 1 GHz.
- All readings are Peak Mode value unless otherwise stated AVG in column of Note. If the Peak Mode Measured value compliance with the Peak Limits and lower than AVG Limits, the EUT shall be deemed to meet both Peak & AVG Limits and then only Peak Mode was measured, but AVG Mode didn't perform.
- For the actual test configuration, please refer to the related Item - Block Diagram of system tested.

3.3.4 DEVIATION FROM TEST STANDARD

No deviation

3.3.5 TEST SETUP

ABOVE 1 GHZ

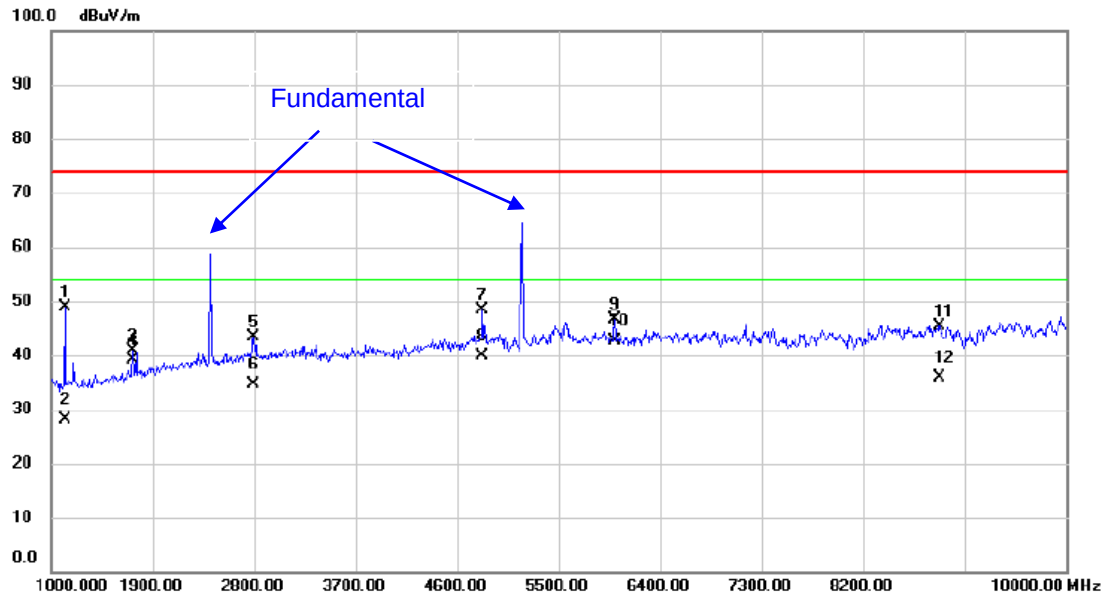


3.3.6 TEST RESULTS

Remark:

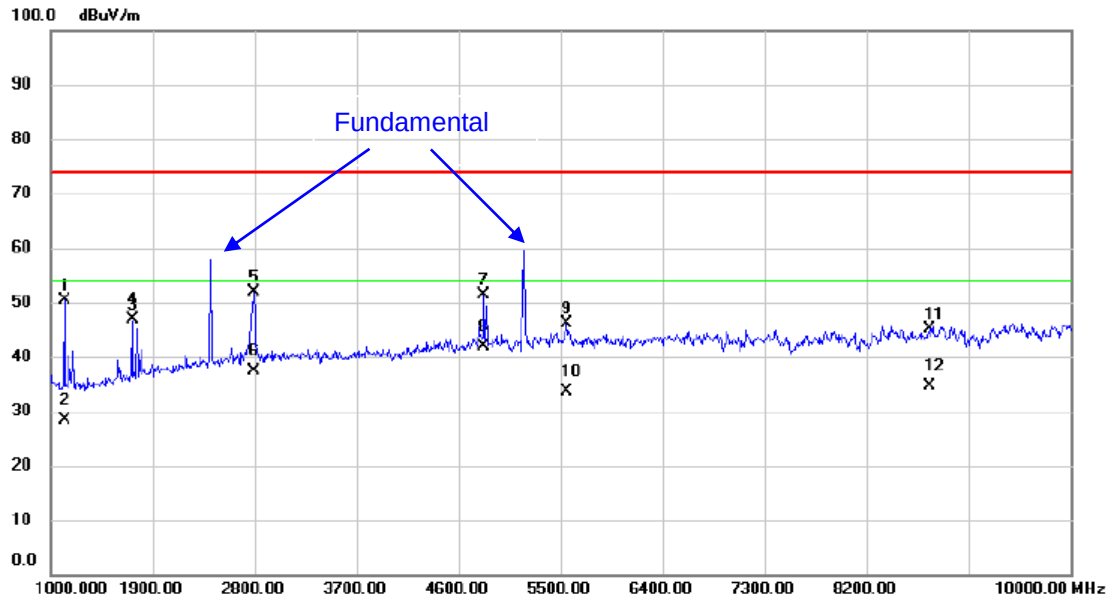
- (1) Radiated emissions measured in frequency range above 1000 MHz were made with an instrument using Peak detector mode and AV detector mode of the emission.
- (2) Data of measurement within this frequency range shown “*” in the table above means the reading of emissions are attenuated more than 20 dB below the permissible limits or the field strength is too small to be measured.
- (3) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

Test Voltage	AC 120V/60Hz	Polarization	Vertical
Test Mode	FULL SYSTEM		



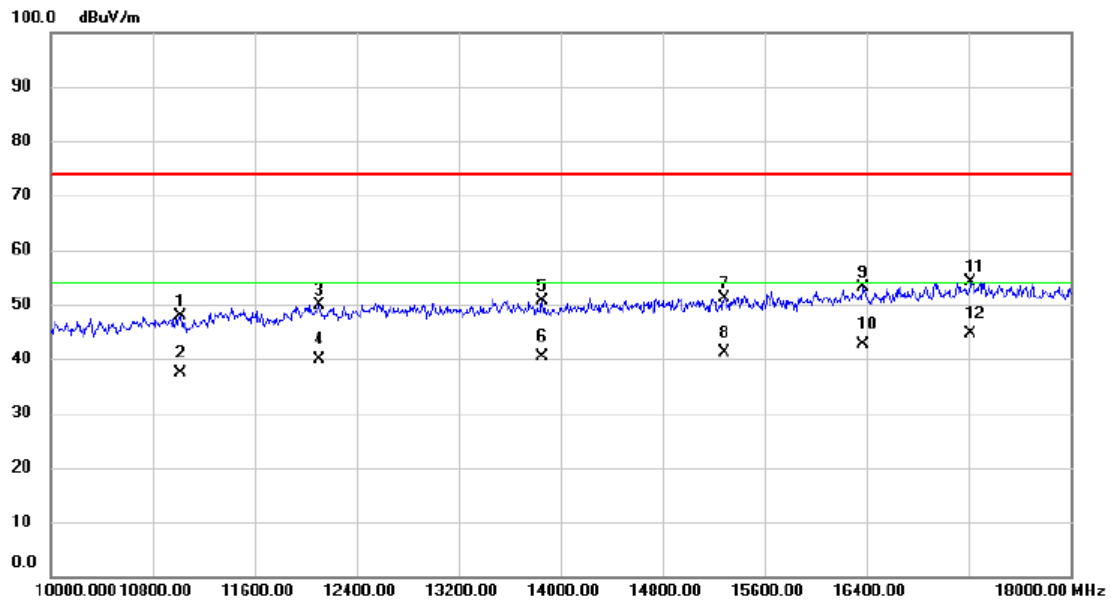
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		1121.500	70.33	-21.52	48.81	74.00	-25.19	peak	
2		1121.500	49.61	-21.52	28.09	54.00	-25.91	AVG	
3		1720.000	59.72	-18.88	40.84	74.00	-33.16	peak	
4		1720.000	58.09	-18.88	39.21	54.00	-14.79	AVG	
5		2791.000	57.53	-14.23	43.30	74.00	-30.70	peak	
6		2791.000	48.97	-14.23	34.74	54.00	-19.26	AVG	
7		4825.000	57.68	-9.27	48.41	74.00	-25.59	peak	
8		4825.000	49.10	-9.27	39.83	54.00	-14.17	AVG	
9		5999.500	54.80	-8.16	46.64	74.00	-27.36	peak	
10	*	5999.500	50.85	-8.16	42.69	54.00	-11.31	AVG	
11		8875.000	49.22	-3.79	45.43	74.00	-28.57	peak	
12		8875.000	39.67	-3.79	35.88	54.00	-18.12	AVG	

Test Voltage	AC 120V/60Hz	Polarization	Horizontal
Test Mode	FULL SYSTEM		



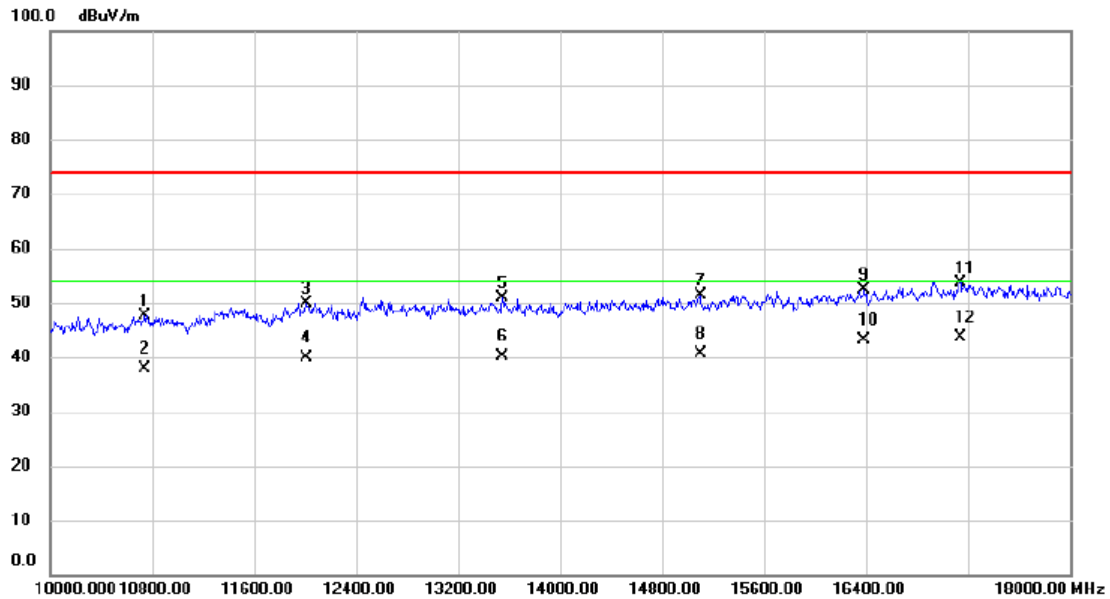
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		1121.500	71.80	-21.52	50.28	74.00	-23.72	peak	
2		1121.500	50.02	-21.52	28.50	54.00	-25.50	AVG	
3		1720.000	65.83	-18.88	46.95	74.00	-27.05	peak	
4	*	1720.000	65.71	-18.88	46.83	54.00	-7.17	AVG	
5		2795.500	66.03	-14.20	51.83	74.00	-22.17	peak	
6		2795.500	51.49	-14.20	37.29	54.00	-16.71	AVG	
7		4825.000	60.61	-9.27	51.34	74.00	-22.66	peak	
8		4825.000	51.26	-9.27	41.99	54.00	-12.01	AVG	
9		5558.500	54.54	-8.35	46.19	74.00	-27.81	peak	
10		5558.500	41.90	-8.35	33.55	54.00	-20.45	AVG	
11		8758.000	49.04	-3.92	45.12	74.00	-28.88	peak	
12		8758.000	38.56	-3.92	34.64	54.00	-19.36	AVG	

Test Voltage	AC 120V/60Hz	Polarization	Vertical
Test Mode	FULL SYSTEM		



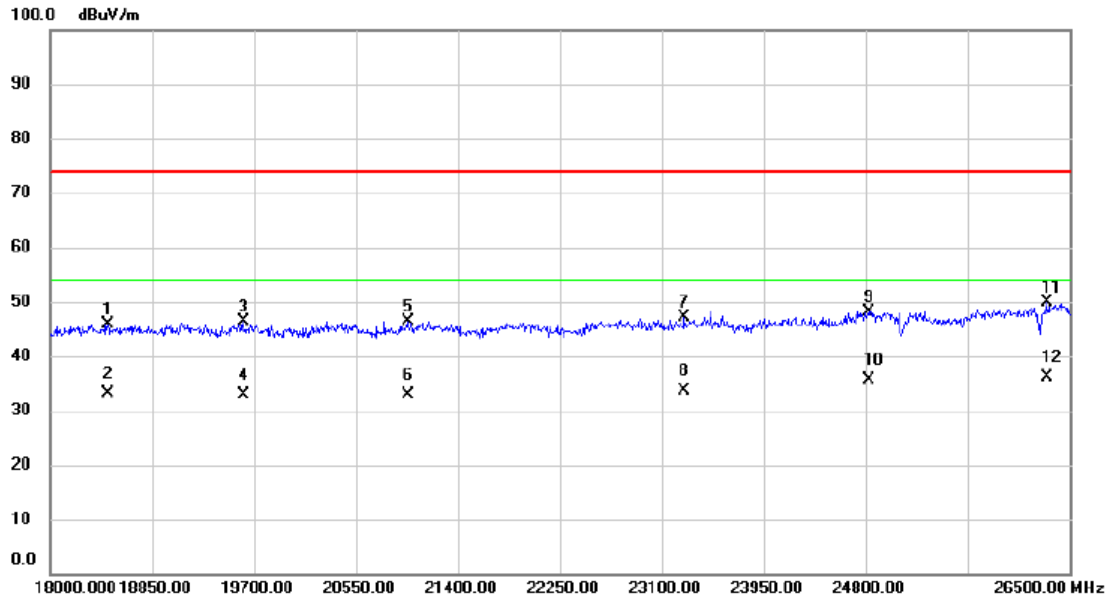
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		11020.000	49.02	-1.22	47.80	74.00	-26.20	peak	
2		11020.000	38.72	-1.22	37.50	54.00	-16.50	AVG	
3		12104.000	49.11	0.77	49.88	74.00	-24.12	peak	
4		12104.000	39.14	0.77	39.91	54.00	-14.09	AVG	
5		13856.000	47.77	2.75	50.52	74.00	-23.48	peak	
6		13856.000	37.58	2.75	40.33	54.00	-13.67	AVG	
7		15288.000	46.01	5.02	51.03	74.00	-22.97	peak	
8		15288.000	36.03	5.02	41.05	54.00	-12.95	AVG	
9		16368.000	46.35	6.88	53.23	74.00	-20.77	peak	
10		16368.000	35.81	6.88	42.69	54.00	-11.31	AVG	
11		17220.000	46.20	7.95	54.15	74.00	-19.85	peak	
12	*	17220.000	36.60	7.95	44.55	54.00	-9.45	AVG	

Test Voltage	AC 120V/60Hz	Polarization	Horizontal
Test Mode	FULL SYSTEM		



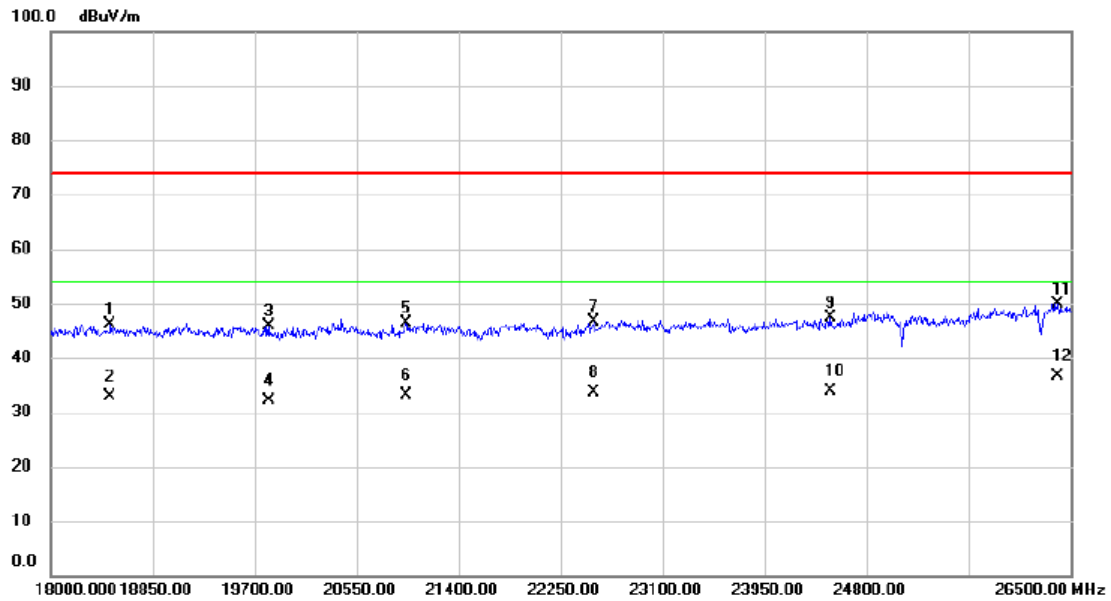
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		10744.000	48.92	-1.35	47.57	74.00	-26.43	peak	
2		10744.000	39.33	-1.35	37.98	54.00	-16.02	AVG	
3		12012.000	49.40	0.59	49.99	74.00	-24.01	peak	
4		12012.000	39.40	0.59	39.99	54.00	-14.01	AVG	
5		13548.000	48.25	2.54	50.79	74.00	-23.21	peak	
6		13548.000	37.62	2.54	40.16	54.00	-13.84	AVG	
7		15100.000	46.70	4.76	51.46	74.00	-22.54	peak	
8		15100.000	35.90	4.76	40.66	54.00	-13.34	AVG	
9		16384.000	45.51	6.92	52.43	74.00	-21.57	peak	
10		16384.000	36.29	6.92	43.21	54.00	-10.79	AVG	
11		17136.000	45.68	7.99	53.67	74.00	-20.33	peak	
12	*	17136.000	35.55	7.99	43.54	54.00	-10.46	AVG	

Test Voltage	AC 120V/60Hz	Polarization	Vertical
Test Mode	FULL SYSTEM		



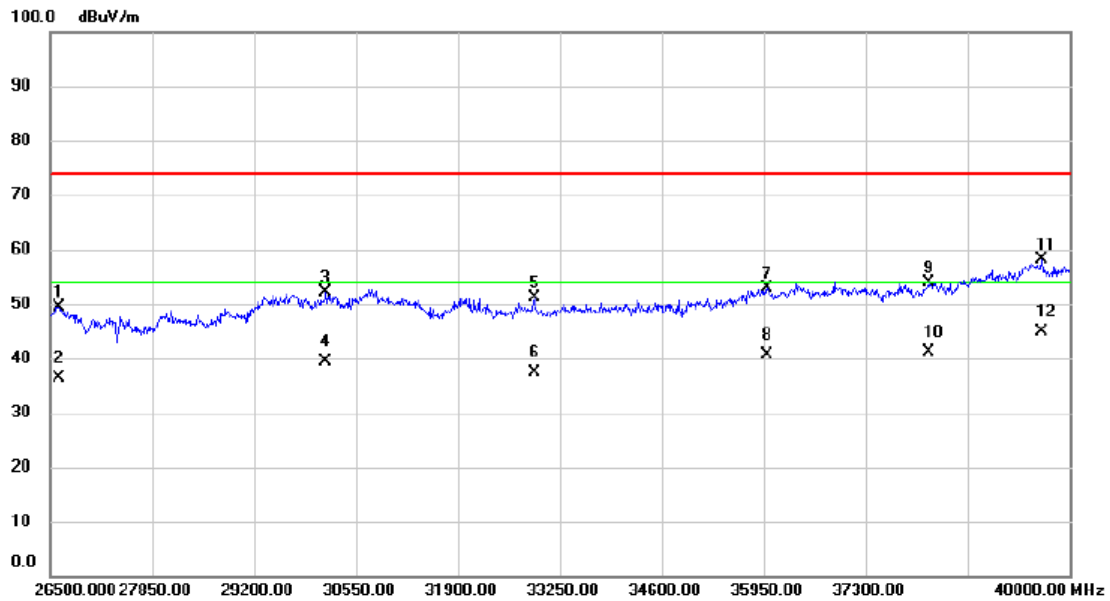
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		18482.375	56.98	-11.01	45.97	74.00	-28.03	peak	
2		18482.375	44.02	-11.01	33.01	54.00	-20.99	AVG	
3		19611.175	55.94	-9.57	46.37	74.00	-27.63	peak	
4		19611.175	42.35	-9.57	32.78	54.00	-21.22	AVG	
5		20981.375	54.55	-8.05	46.50	74.00	-27.50	peak	
6		20981.375	40.95	-8.05	32.90	54.00	-21.10	AVG	
7		23291.675	52.16	-5.08	47.08	74.00	-26.92	peak	
8		23291.675	38.77	-5.08	33.69	54.00	-20.31	AVG	
9		24833.150	50.96	-2.76	48.20	74.00	-25.80	peak	
10		24833.150	38.29	-2.76	35.53	54.00	-18.47	AVG	
11		26308.325	51.10	-1.16	49.94	74.00	-24.06	peak	
12	*	26308.325	37.31	-1.16	36.15	54.00	-17.85	AVG	

Test Voltage	AC 120V/60Hz	Polarization	Horizontal
Test Mode	FULL SYSTEM		



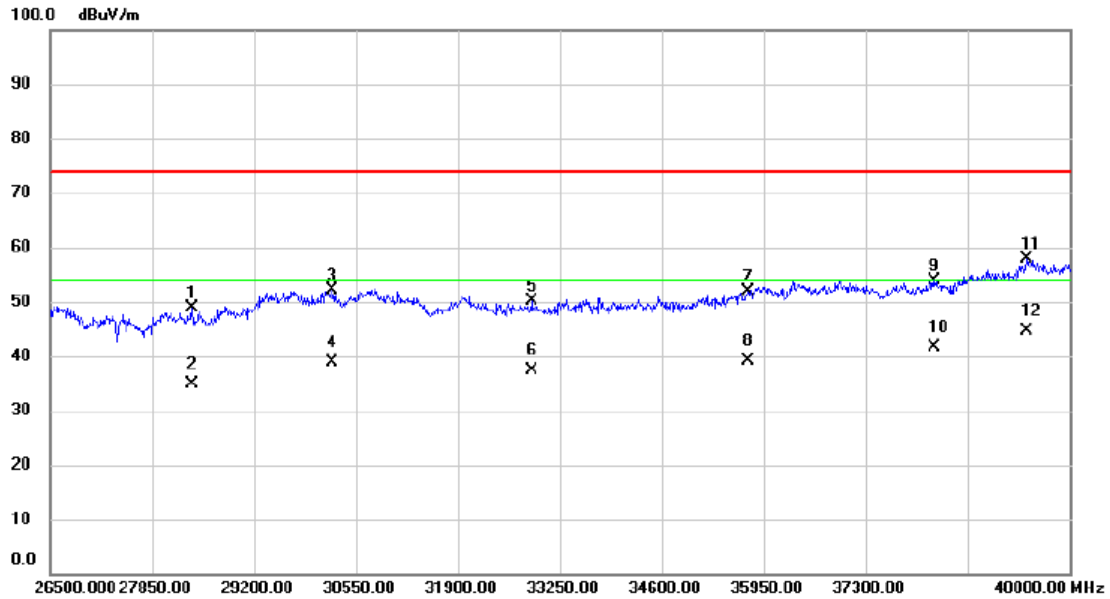
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		18493.000	57.21	-10.99	46.22	74.00	-27.78	peak	
2		18493.000	43.85	-10.99	32.86	54.00	-21.14	AVG	
3		19816.025	55.13	-9.27	45.86	74.00	-28.14	peak	
4		19816.025	41.46	-9.27	32.19	54.00	-21.81	AVG	
5		20962.250	54.51	-8.06	46.45	74.00	-27.55	peak	
6		20962.250	41.12	-8.06	33.06	54.00	-20.94	AVG	
7		22522.850	52.98	-6.47	46.51	74.00	-27.49	peak	
8		22522.850	40.02	-6.47	33.55	54.00	-20.45	AVG	
9		24502.075	51.05	-3.74	47.31	74.00	-26.69	peak	
10		24502.075	37.63	-3.74	33.89	54.00	-20.11	AVG	
11		26394.600	50.86	-0.94	49.92	74.00	-24.08	peak	
12	*	26394.600	37.56	-0.94	36.62	54.00	-17.38	AVG	

Test Voltage	AC 120V/60Hz	Polarization	Vertical
Test Mode	FULL SYSTEM		



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		26622.850	50.57	-1.12	49.45	74.00	-24.55	peak	
2		26622.850	37.55	-1.12	36.43	54.00	-17.57	AVG	
3		30151.750	51.52	0.62	52.14	74.00	-21.86	peak	
4		30151.750	38.69	0.62	39.31	54.00	-14.69	AVG	
5		32909.125	53.09	-2.00	51.09	74.00	-22.91	peak	
6		32909.125	39.31	-2.00	37.31	54.00	-16.69	AVG	
7		35991.850	51.35	1.50	52.85	74.00	-21.15	peak	
8		35991.850	39.08	1.50	40.58	54.00	-13.42	AVG	
9		38134.300	49.84	4.12	53.96	74.00	-20.04	peak	
10		38134.300	37.02	4.12	41.14	54.00	-12.86	AVG	
11		39629.425	50.02	8.03	58.05	74.00	-15.95	peak	
12	*	39629.425	36.73	8.03	44.76	54.00	-9.24	AVG	

Test Voltage	AC 120V/60Hz	Polarization	Horizontal
Test Mode	FULL SYSTEM		



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		28379.200	50.70	-1.85	48.85	74.00	-25.15	peak	
2		28379.200	36.61	-1.85	34.76	54.00	-19.24	AVG	
3		30238.825	51.34	0.76	52.10	74.00	-21.90	peak	
4		30238.825	38.00	0.76	38.76	54.00	-15.24	AVG	
5		32874.700	52.12	-2.01	50.11	74.00	-23.89	peak	
6		32874.700	39.39	-2.01	37.38	54.00	-16.62	AVG	
7		35742.775	51.10	0.85	51.95	74.00	-22.05	peak	
8		35742.775	38.28	0.85	39.13	54.00	-14.87	AVG	
9		38203.150	49.58	4.28	53.86	74.00	-20.14	peak	
10		38203.150	37.41	4.28	41.69	54.00	-12.31	AVG	
11		39441.775	50.02	7.82	57.84	74.00	-16.16	peak	
12	*	39441.775	36.69	7.82	44.51	54.00	-9.49	AVG	