



TEST REPORT

FCC ID: 2A4MT-PB26

Applicant: Shenzhen Zhenghaixin Technology Co., LTD
Address: Area 301A, No.7 Xiongyu Road, Tangxiachong Community, Yanluo Street, Baoan District, Shenzhen
Manufacturer: Shenzhen Zhenghaixin Technology Co., LTD
Address: Area 301A, No.7 Xiongyu Road, Tangxiachong Community, Yanluo Street, Baoan District, Shenzhen
EUT: Power Bank
Trade Mark: N/A
Model Number: ZHX-PB26
Date of Receipt: Nov. 28, 2023
Test Date: Nov. 28, 2023 - Dec. 28, 2023
Date of Report: Dec. 28, 2023
Prepared By: Shenzhen DL Testing Technology Co., Ltd.
Address: 101-201, Building C, Shuanghuan, No.8, Baoqing Road, Baolong Industrial Zone, Baolong Street, Longgang District, Shenzhen, Guangdong, China
Applicable Standards: FCC PART 15 Subpart C
ANSI C63.10:2013
Test Result: Pass
Report Number: DL-20231206066E

Prepared (Engineer): Alisa Song

Reviewer (Supervisor): Jack Bu

Approved (Manager): Jade Yang



This test report is based on a single evaluation of one sample of above mentioned products. It is not permitted to be duplicated in extracts without written approval of Shenzhen DL Testing Technology Co., Ltd.



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**1. VERSION**

Version No.	Date	Description
00	Dec. 28, 2023	Original

2. TEST SUMMARY

EMC Emission			
Test Item	Section in CFR 47	Result	Remark
AC Power Line Conducted Emission	15.207	PASS	
Spurious Emission	15.209(a)(f)	PASS	
20dB Bandwidth	15.215	PASS	
Antenna requirement	15.203	PASS	

NOTE:

(1) "N/A" denotes test is not applicable in this Test Report

(2) Test Facility: Shenzhen DL Testing Technology Co., Ltd.

Address: 101-201, Building C, Shuanghuan, No.8, Baoqing Road, Baolong Industrial Zone,
Baolong Street, Longgang District, Shenzhen, Guangdong, China



3. GENERAL INFORMATION

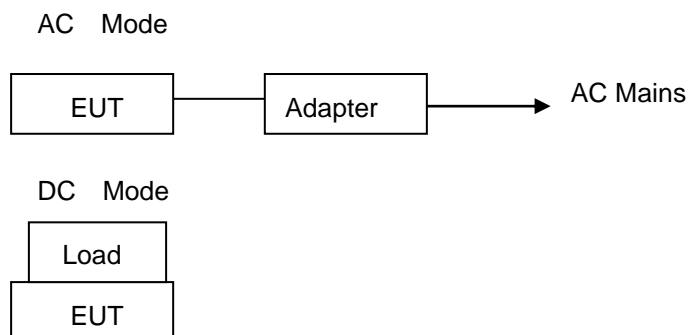
3.1 Description of Device (EUT)

Product Name: Power Bank
Trade Mark: N/A
Model No.: ZHX-PB26
Model Difference: N/A
Serial No.: N/A
Hardware version: H1.0
Software version: S1.0
Operation Frequency: 115kHz ~ 205KHz
Modulation type: MSK
Antenna Type: Inductive loop coil Antenna
Antenna gain: 0dBi
Input: 5V/3A, 9V/2A (18W Max)
Type-C Output: 5V/3A, 9V/2.2A, 12V/1.5A (20W Max)
Power supply: Mobile phone wireless charging: 5W/7.5W/10W/15W
Watch wireless charging: 3W
USB A Output: 5V/3A, 9V/2A, 12V/1.5A
Battery capacity: 10000mAh/3.85V

3.2 Tested System Details

None.

3.3 Block Diagram of Test Set-up





3.4 Test Mode Description

- Mode1. Type-C Input+Mobile phone wireless charging Output Mode(Full Load, 1%/50%/99%)
- Mode2. Type-C Input+Mobile phone wireless charging Output Mode(Half Load, 1%/50%/99%)
- Mode3. Type-C Input+Mobile phone wireless charging Mode(No Load, 1%/50%/99%)
- Mode4. Type-C Output+Mobile phone wireless charging Output Mode(Full Load, 1%/50%/99%)
- Mode5. Type-C Output+Mobile phone wireless charging Output Mode(Half Load, 1%/50%/99%)
- Mode6. Type-C Output+Mobile phone wireless charging Output Mode(No Load, 1%/50%/99%)
- Mode7. USB A Output+Mobile phone wireless charging Output Mode(Full Load, 1%/50%/99%)
- Mode8. USB A Output+Mobile phone wireless charging Output Mode(Half Load, 1%/50%/99%)
- Mode9. USB A Output+Mobile phone wireless charging Output Mode(No Load, 1%/50%/99%)
- Mode10. Type-C Output Mode (Full Load)
- Mode11. Type-C Output Mode (Half Load)
- Mode12. Type-C Output Mode (No Load)
- Mode13. USB A Output Mode (Full Load)
- Mode14. USB A Output Mode (Half Load)
- Mode15. USB A Output Mode (No Load)
- Mode16. Mobile phone wireless charging Output Mode(Full Load, 1%/50%/99%)
- Mode17. Mobile phone wireless charging Output Mode(Half Load, 1%/50%/99%)
- Mode18. Mobile phone wireless charging Output Mode(No Load, 1%/50%/99%)
- Mode19. Type-C Input+Watch wireless charging Output Mode(Full Load, 1%/50%/99%)
- Mode20. Type-C Input+Watch wireless charging Output Mode(Half Load, 1%/50%/99%)
- Mode21. Type-C Input+Watch wireless charging Mode(No Load, 1%/50%/99%)
- Mode22. Type-C Output+Watch wireless charging Output Mode(Full Load, 1%/50%/99%)
- Mode23. Type-C Output+Watch wireless charging Output Mode(Half Load, 1%/50%/99%)
- Mode24. Type-C Output+Watch wireless charging Output Mode(No Load, 1%/50%/99%)
- Mode25. USB A Output+Watch wireless charging Output Mode(Full Load, 1%/50%/99%)
- Mode26. USB A Output+Watch wireless charging Output Mode(Half Load, 1%/50%/99%)
- Mode27. USB A Output+Watch wireless charging Output Mode(No Load, 1%/50%/99%)
- Mode28. Watch wireless charging Output Mode(Full Load, 1%/50%/99%)
- Mode29. Watch wireless charging Output Mode(Half Load, 1%/50%/99%)
- Mode30. Watch wireless charging Output Mode(No Load, 1%/50%/99%)

Note: 1. We have evaluated 1%, 50% and 99% battery charging mode, and the worst mode (99%) is showed in this report.

2. All modes have been tested, and the report only shows the results of the Conducted Emission(worst mode1/worst mode19) and Spurious Emission(worst mode1/worst mode19/worst mode16/worst mode28).



3.5 Test Auxiliary Equipment

Adapter (Provide by test lab):

Manufacturer: XIAOMI

Model: AD65G

I/P: AC 100-240V 50/60Hz

O/P: DC 5V/3A, DC 9V/3A, DC 10V/5A, DC 12V/3A,

DC 15V/3A, DC 20V/3.25A

Mobile phone (Provide by test lab):

Manufacturer: SAMSUNG

Model: Galaxy S21 5G

Watch (Provide by test lab):

Manufacturer: Apple

Model: Series 6

3.6 Test Uncertainty

Conducted Emission Uncertainty(150KHz-30MHz) : $\pm 2.56\text{dB}$

20dB Bandwidth : $\pm 0.5\text{kHz}$

Radiated Emission Uncertainty(9KHz-1GHz) : $\pm 3.24\text{dB}$



4. TEST INSTRUMENT USED

For Conducted Emission Test (843 Shielded Room)

Equipment	Manufacturer	Model	Serial	Last Cal.	Next Cal.
843 Shielded Room	ChengYu	843 Room	843	Sep. 20, 2022	Sep. 19, 2025
EMI Receiver	R&S	ESR	101421	Nov. 04, 2023	Nov. 03, 2024
LISN	R&S	ENV216	102417	Nov. 04, 2023	Nov. 03, 2024
Clamp	COM-POWER	CLA-050	431071	Nov. 04, 2023	Nov. 03, 2024
3-Loop Antenna	DAZE	ZN30401	13021	Nov. 04, 2023	Nov. 03, 2024
ISN T8	Schwarzbeck	NTFM 8158	101135	Nov. 04, 2023	Nov. 03, 2024
ISN T5	Schwarzbeck	NTFM 8158	101136	Nov. 04, 2023	Nov. 03, 2024
843 Cable 1#	ChengYu	CE Cable	001	Nov. 04, 2023	Nov. 03, 2024
843 Cable 1#	ChengYu	CE Cable	002	Nov. 04, 2023	Nov. 03, 2024

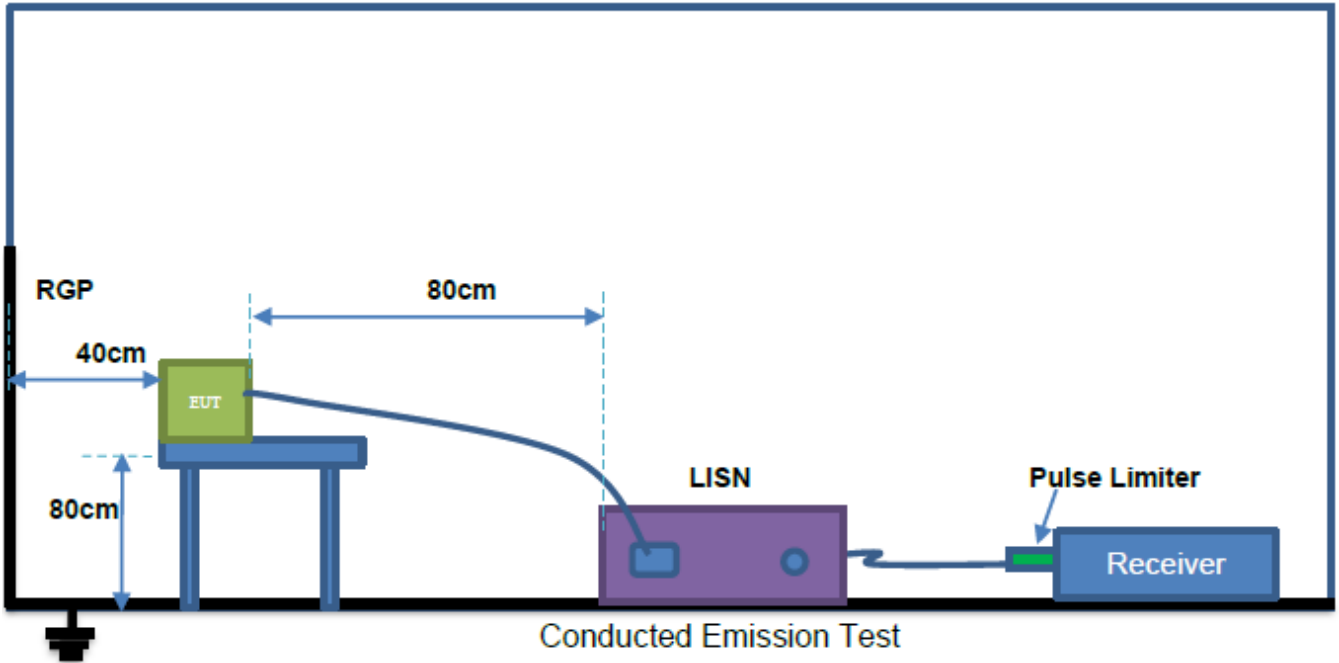
For Radiated Emission Test (966 chamber)

Equipment	Manufacturer	Model	Serial	Last Cal.	Next Cal.
966 Chamber	ChengYu	966 Room	966	Sep. 20, 2022	Sep. 19, 2025
Spectrum Analyzer	Agilent	E4408B	MY50140780	Nov. 04, 2023	Nov. 03, 2024
EMI Receiver	R&S	ESRP7	101393	Nov. 04, 2023	Nov. 03, 2024
Amplifier	Schwarzbeck	BBV9743B	00153	Nov. 04, 2023	Nov. 03, 2024
Amplifier	EMEC	EM01G8GA	00270	Nov. 04, 2023	Nov. 03, 2024
Broadband Trilog Antenna	Schwarzbeck	VULB9162	00306	Nov. 04, 2023	Nov. 03, 2024
Horn Antenna	Schwarzbeck	BBHA9120D	02139	Nov. 04, 2023	Nov. 03, 2024
Loop Antenna	ZHINAN	ZN30900A	/	Nov. 04, 2023	Nov. 03, 2024
966 Cable 1#	ChengYu	966	004	Nov. 04, 2023	Nov. 03, 2024
966 Cable 2#	ChengYu	966	003	Sep. 20, 2022	Sep. 19, 2025

5. CONDUCTED EMISSION TEST

5.1 Block Diagram of Test Setup

For Mains Terminals Test



5.2 Test Standard and Limit

FCC Part 15 Subpart C

Frequency MHz	Limits dB(μ V)	
	Quasi-peak Level	Average Level
0.15~0.50	66 ~ 56*	55 ~ 46*
0.50~5.00	56	46
5.00~30.00	60	50

Notes: 1. *Decreasing linearly with logarithm of frequency.

2. The lower limit shall apply at the transition frequencies.

5.3 EUT Configuration on Test

The following equipment's are installed on conducted emission test to meet FCC Part 15 Subpart C requirement and operating in a manner which tends to maximize its emission characteristics in a normal application.

5.4 Operating Condition of EUT

5.4.1 Setup the EUT and simulators as shown in Section 5.1.

5.4.2 Turn on the power of all equipments.

5.4.3 Let the EUT work in test modes and test it.



5.5 Test Procedure

The EUT is put on the table and connected to the AC mains through a Artificial Mains Network (AMN) or ISN. This provided a 50ohm coupling impedance for the tested equipments. Both sides of AC line are checked to find out the maximum conducted emission levels according to the **ANSI C63.10** regulations during conducted emission test.

The bandwidth of the test receiver (R&S Test Receiver ESR) is set at 10KHz.

The frequency range from 150 KHz to 30 MHz is investigated.

Notes:

- 1.An initial pre-scan was performed on the line and neutral lines with peak detector.
- 2.Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission.
- 3.Mesurement Level = Reading level + Correct Factor

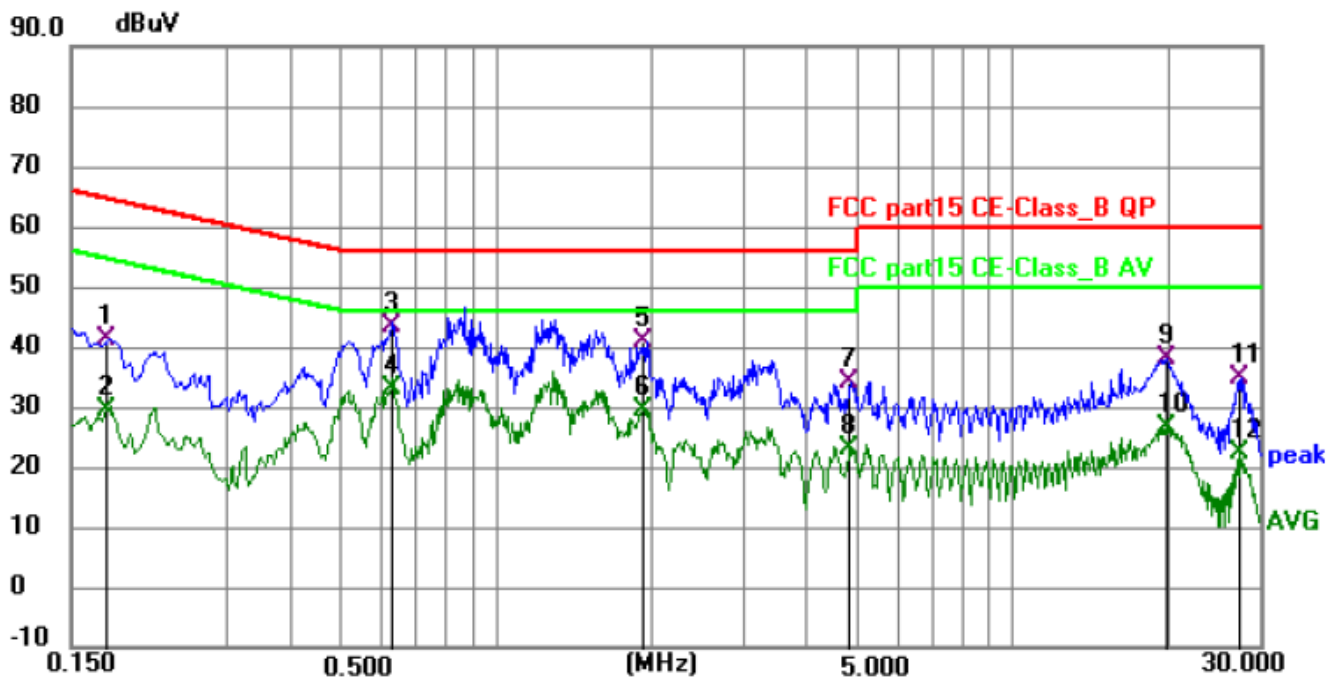
5.6 Test Result

PASS

Please refer to the following page.



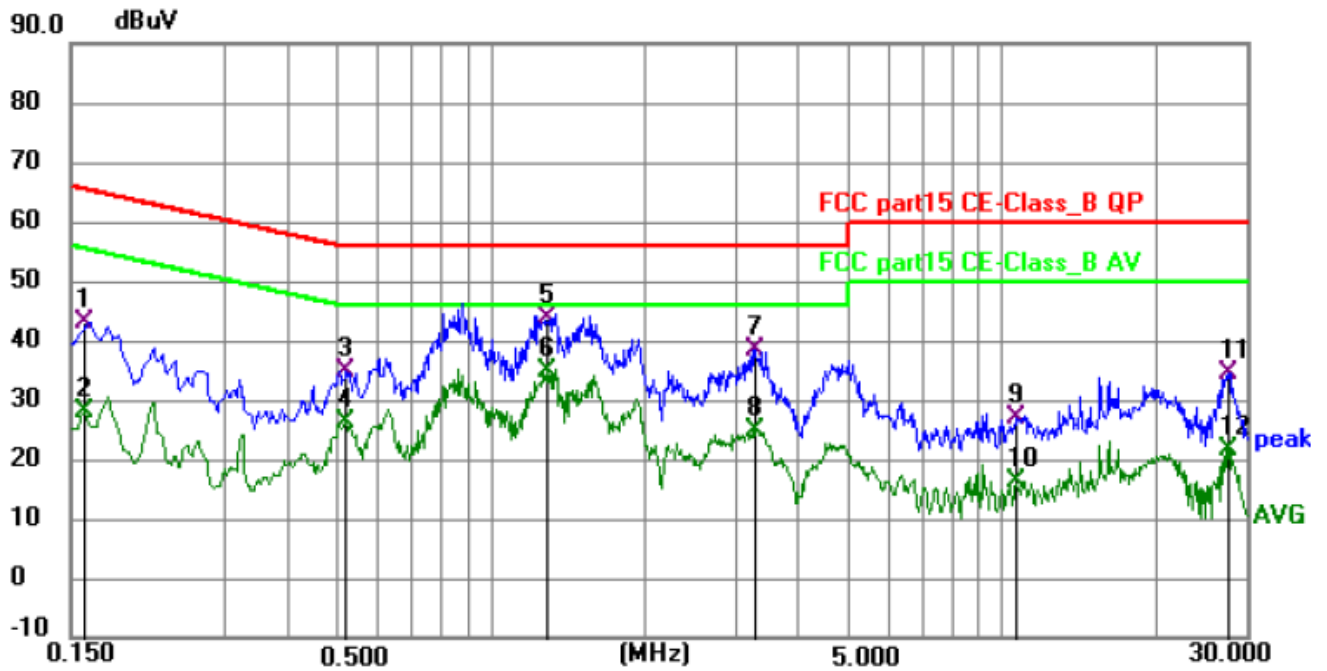
Conducted Emission Test Data			
Temperature:	24.5 °C	Relative Humidity:	54%
Pressure:	1009hPa	Phase:	Line
Test Voltage:	AC 120V/60Hz	Test Mode:	Mode 1(Mobile)



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F	Remark
1	0.1758	31.19	10.02	41.21	64.68	-23.47	QP	P	
2	0.1758	19.37	10.02	29.39	54.68	-25.29	AVG	P	
3 *	0.6270	33.92	9.40	43.32	56.00	-12.68	QP	P	
4	0.6270	23.68	9.40	33.08	46.00	-12.92	AVG	P	
5	1.9275	31.09	9.92	41.01	56.00	-14.99	QP	P	
6	1.9275	19.67	9.92	29.59	46.00	-16.41	AVG	P	
7	4.8390	24.09	9.93	34.02	56.00	-21.98	QP	P	
8	4.8390	12.97	9.93	22.90	46.00	-23.10	AVG	P	
9	19.7430	27.60	10.38	37.98	60.00	-22.02	QP	P	
10	19.7430	16.11	10.38	26.49	50.00	-23.51	AVG	P	
11	27.3840	23.57	11.14	34.71	60.00	-25.29	QP	P	
12	27.3840	11.15	11.14	22.29	50.00	-27.71	AVG	P	



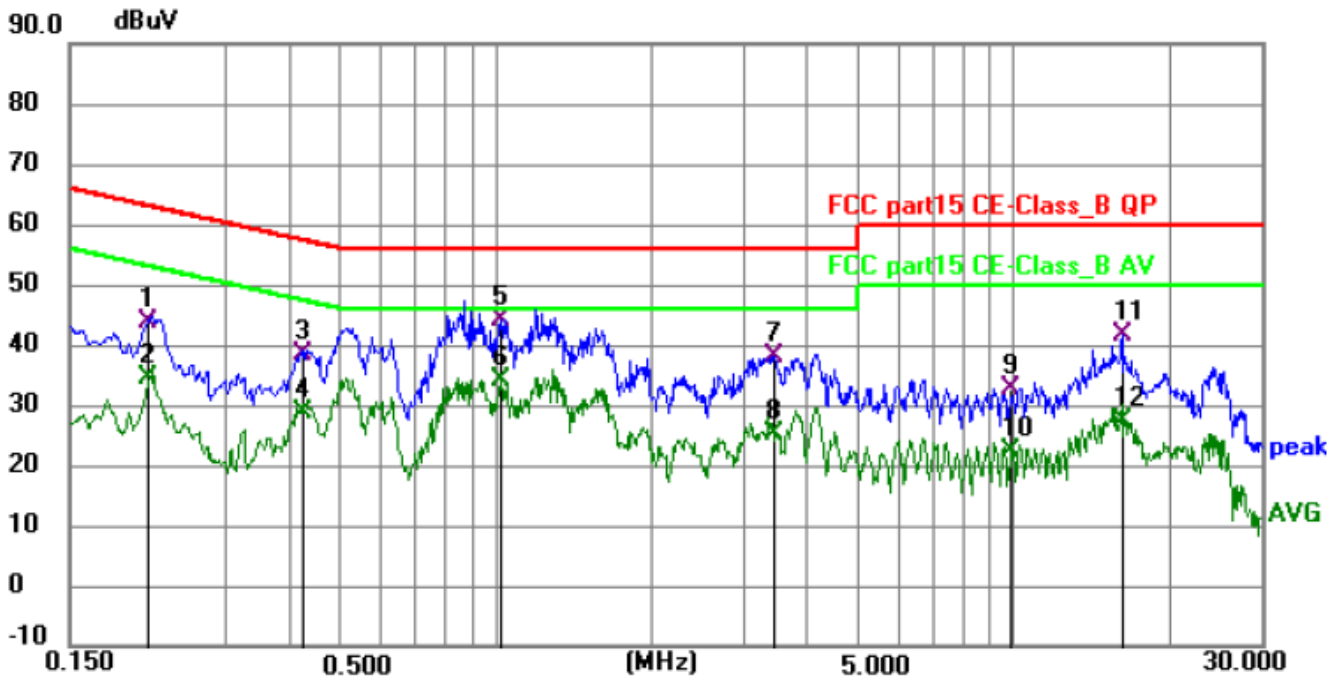
Conducted Emission Test Data			
Temperature:	24.5 °C	Relative Humidity:	54%
Pressure:	1009hPa	Phase:	Neutral
Test Voltage:	AC 120V/60Hz	Test Mode:	Mode 1(Mobile)



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F	Remark
1	0.1598	33.04	10.10	43.14	65.47	-22.33	QP	P	
2	0.1598	18.06	10.10	28.16	55.47	-27.31	AVG	P	
3	0.5190	25.26	9.44	34.70	56.00	-21.30	QP	P	
4	0.5190	16.76	9.44	26.20	46.00	-19.80	AVG	P	
5	1.2885	34.00	9.59	43.59	56.00	-12.41	QP	P	
6 *	1.2885	25.31	9.59	34.90	46.00	-11.10	AVG	P	
7	3.2910	28.55	9.99	38.54	56.00	-17.46	QP	P	
8	3.2910	14.86	9.99	24.85	46.00	-21.15	AVG	P	
9	10.6845	16.81	10.31	27.12	60.00	-32.88	QP	P	
10	10.6845	6.00	10.31	16.31	50.00	-33.69	AVG	P	
11	27.7800	23.35	11.15	34.50	60.00	-25.50	QP	P	
12	27.7800	10.53	11.15	21.68	50.00	-28.32	AVG	P	



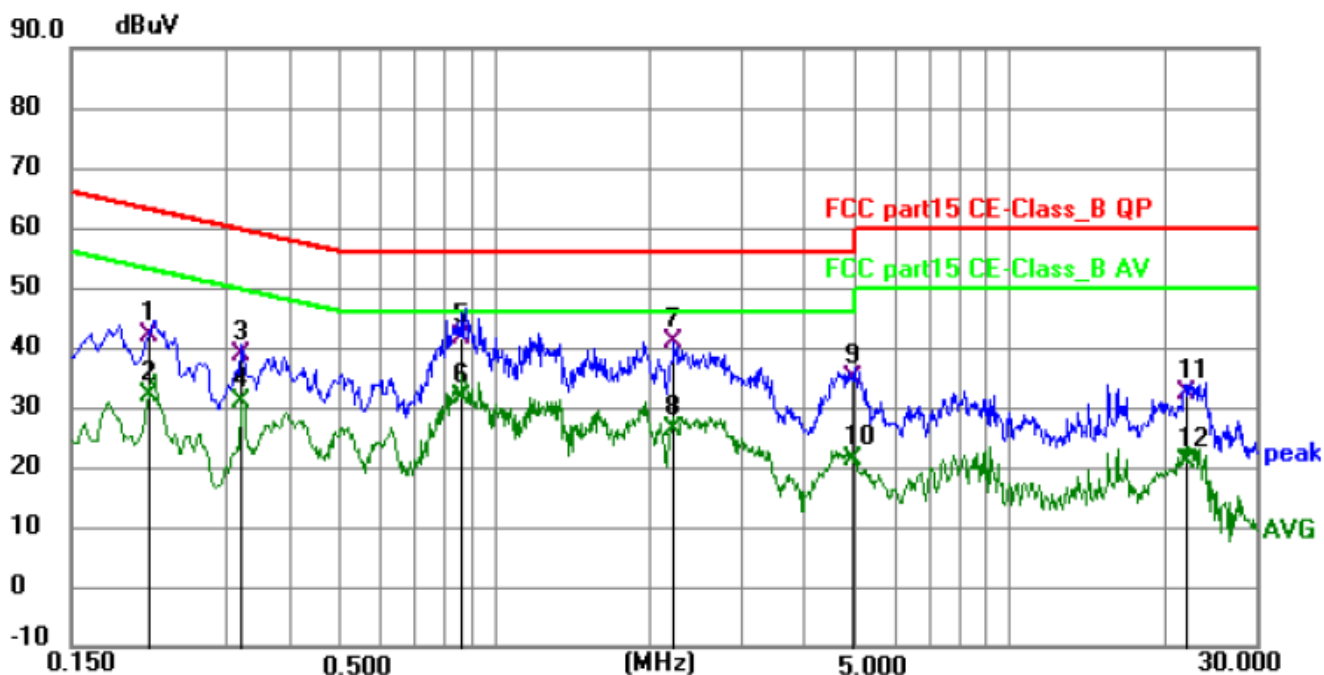
Conducted Emission Test Data			
Temperature:	24.5 °C	Relative Humidity:	54%
Pressure:	1009hPa	Phase:	Line
Test Voltage:	AC 120V/60Hz	Test Mode:	Mode 19(Mobile)



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F	Remark
1	0.2127	34.32	9.48	43.80	63.10	-19.30	QP	P	
2	0.2127	24.81	9.48	34.29	53.10	-18.81	AVG	P	
3	0.4237	29.26	9.21	38.47	57.38	-18.91	QP	P	
4	0.4237	19.69	9.21	28.90	47.38	-18.48	AVG	P	
5 *	1.0230	34.94	9.33	44.27	56.00	-11.73	QP	P	
6	1.0230	24.67	9.33	34.00	46.00	-12.00	AVG	P	
7	3.4440	28.13	9.77	37.90	56.00	-18.10	QP	P	
8	3.4440	15.51	9.77	25.28	46.00	-20.72	AVG	P	
9	9.9060	22.59	10.11	32.70	60.00	-27.30	QP	P	
10	9.9060	12.13	10.11	22.24	50.00	-27.76	AVG	P	
11	16.1430	31.49	10.27	41.76	60.00	-18.24	QP	P	
12	16.1430	17.00	10.27	27.27	50.00	-22.73	AVG	P	



Conducted Emission Test Data			
Temperature:	24.5 °C	Relative Humidity:	54%
Pressure:	1009hPa	Phase:	Neutral
Test Voltage:	AC 120V/60Hz	Test Mode:	Mode 19(Mobile)

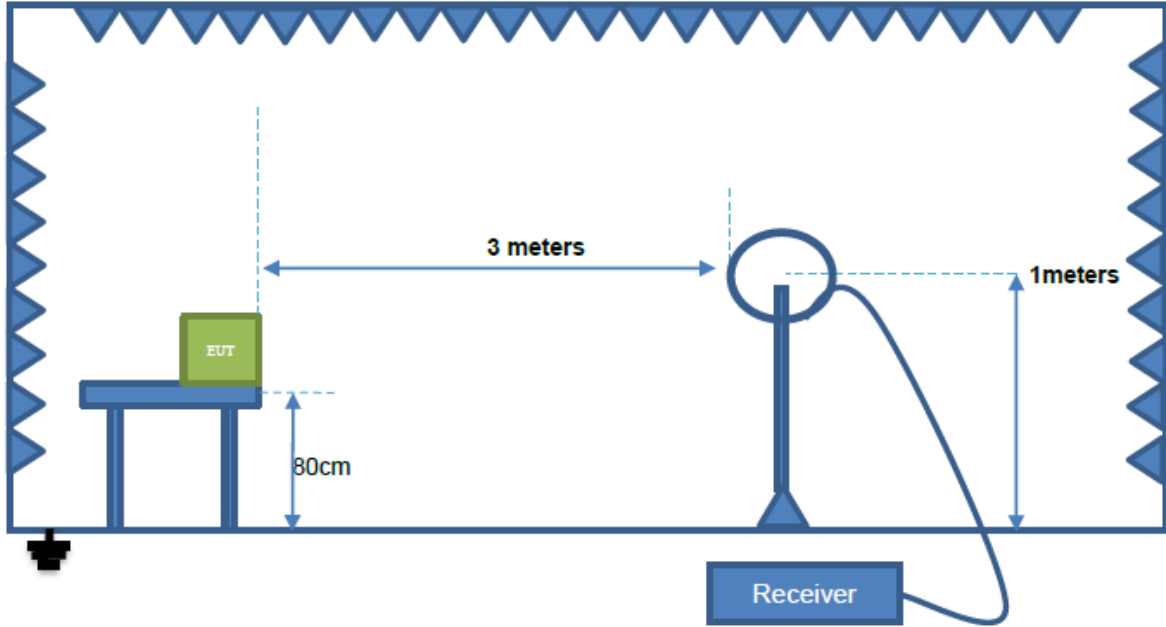


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F	Remark
1	0.2127	33.01	8.92	41.93	63.10	-21.17	QP	P	
2	0.2127	23.08	8.92	32.00	53.10	-21.10	AVG	P	
3	0.3215	29.60	9.12	38.72	59.67	-20.95	QP	P	
4	0.3215	21.83	9.12	30.95	49.67	-18.72	AVG	P	
5 *	0.8618	32.34	9.34	41.68	56.00	-14.32	QP	P	
6	0.8618	22.09	9.34	31.43	46.00	-14.57	AVG	P	
7	2.2250	30.95	9.95	40.90	56.00	-15.10	QP	P	
8	2.2250	16.39	9.95	26.34	46.00	-19.66	AVG	P	
9	4.9518	24.87	10.08	34.95	56.00	-21.05	QP	P	
10	4.9518	11.27	10.08	21.35	46.00	-24.65	AVG	P	
11	22.1800	21.66	10.83	32.49	60.00	-27.51	QP	P	
12	22.1800	10.11	10.83	20.94	50.00	-29.06	AVG	P	

6. RADIATION EMISSION TEST

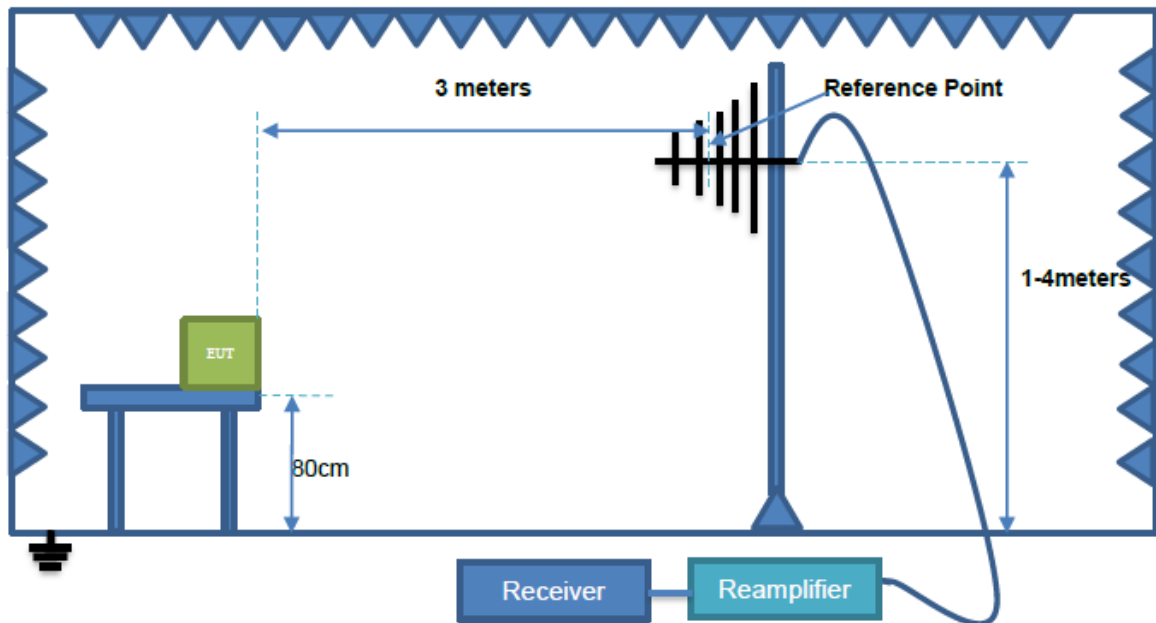
6.1 Block Diagram of Test Setup

Radiated Emission Test-Up Frequency Below 30MHz



Radiation Test (9k - 30MHz)

Below 1GHz



Radiation Test (30MHz – 1GHz)

6.2 Test Standard and Limit

FCC Part 15 Subpart C



Limits for frequency below 30MHz

Frequency	Limit (uV/m)	Measurement Distance(m)	Remark
0.009-0.090	2400/F(kHz)	300	AVERAGE
0.090-0.110	2400/F(kHz)	300	Quasi-peak Value
0.110-0.490	2400/F(kHz)	300	AVERAGE
0.490-1.705	24000/F(kHz)	30	Quasi-peak Value
1.705-30	30	30	Quasi-peak Value

Above 30MHz

Frequency (MHz)	Distance (Meters)	Field Strengths Limits (dB μ V/m)	Remark
30 ~ 88	3	40.0	Quasi-peak Value
88 ~ 216	3	43.5	Quasi-peak Value
216 ~ 960	3	46.0	Quasi-peak Value
960 ~ 1000	3	54.0	Quasi-peak Value
Above 1000	3	74.0	PEAK
		54.0	AVERAGE

Remark:

(1) The smaller limit shall apply at the cross point between two frequency bands.

(2) Distance refers to the distance in meters between the measuring instrument, antenna and the closed point of any part of the device or system.

6.3 EUT Configuration on Test

The FCC Part 15 Subpart C regulations test method must be used to find the maximum emission during radiated emission test.

The configuration of EUT is the same as used in conducted emission test.

Please refer to Section 5.3.

6.4 Operating Condition of EUT

Same as conducted emission test, which is listed in Section 5.4 except the test set up replaced as Section 6.2.

6.5 Test Procedure

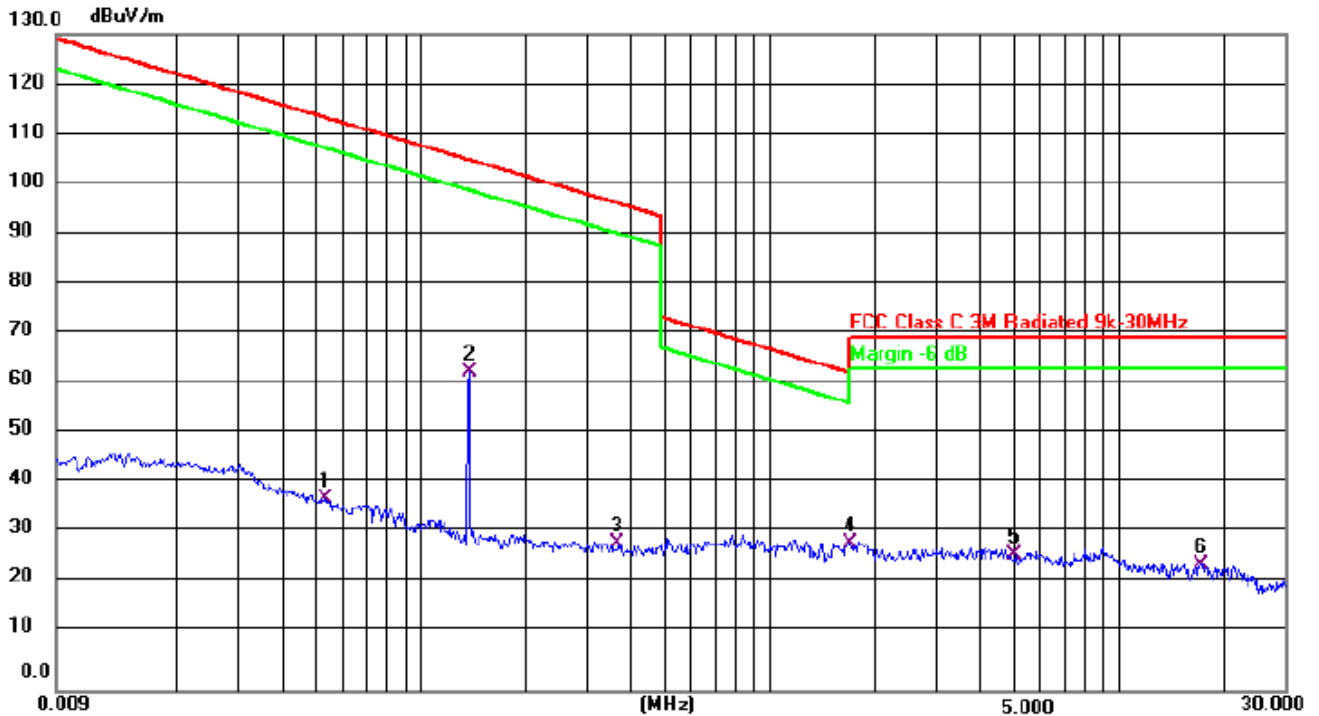
- 1) The radiated emissions test was conducted in a semi-anechoic chamber.
- 2) The tabletop EUT was placed upon a non-metallic table 0.8m above the ground reference plane. And for floor-standing arrangement, the EUT was placed on the horizontal ground reference plane, but separated from metallic contact with the ground reference plane by 0.1m of insulation.
- 3) Before final measurements of radiated emissions, a pre-scan was performed in the spectrum mode with the peak detector to find out the maximum emissions spectrum plots of the EUT.
- 4) The frequencies of maximum emission were determined in the final radiated emissions measurement. At each frequency, the EUT was rotated 360°, and the antenna was raised and lowered from 1 to 4 meters in order to determine the maximum disturbance. Measurements were performed for both horizontal and vertical antenna polarization.
- 5) The bandwidth setting on the field strength meter (R&S Test Receiver ESCI) is set at 120KHz.
- 6) The frequency range from 30MHz to 1000MHz is checked.

6.6 Test Result



PASS, Please refer to the following page.

Radiation Emission Test Data 9 kHz~30 MHz			
Temperature:	24.5 °C	Relative Humidity:	54%
Pressure:	1009hPa	Polarization:	/
Test Voltage:	AC 120V/60Hz	Test Mode:	Mode 1(Mobile)



Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector Type
0.0531	37.18	10.22	47.4	113.46	-66.06	Peak
0.1373	62.17	10.47	72.64	105.14	-32.5	Peak
0.3664	27.27	10.88	38.15	96.55	-58.4	Peak
1.6975	28.16	10.23	38.39	63.04	-24.65	Peak
5.0357	25.15	10.18	35.33	70	-34.67	Peak
17.1412	22.58	10.69	33.27	70	-36.73	Peak

Note:

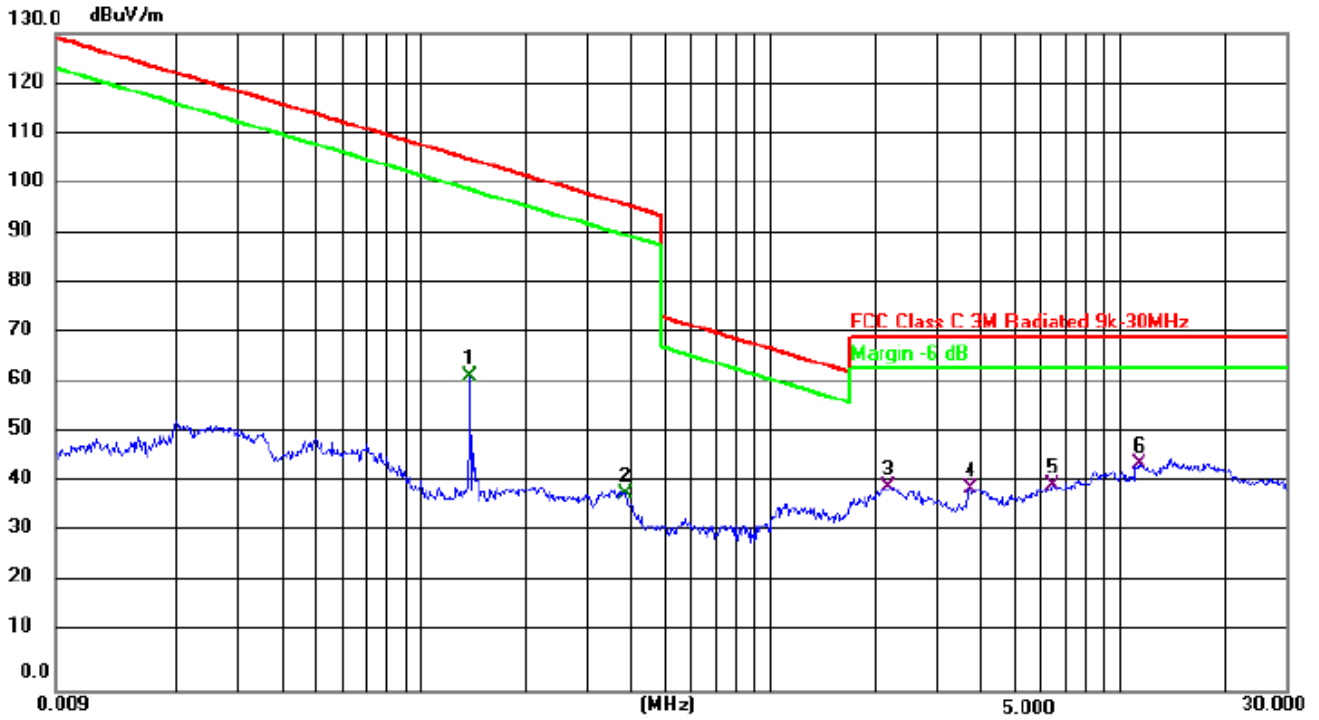
Pre-scan in the all of mode, the worst case in of was recorded.

Factor = antenna factor + cable loss – pre-amplifier.

Margin = Emission Level(Meter Reading+ Factor) - Limit.



Radiation Emission Test Data 9 kHz~30 MHz			
Temperature:	24.5 °C	Relative Humidity:	54%
Pressure:	1009hPa	Polarization:	/
Test Voltage:	AC 120V/60Hz	Test Mode:	Mode 19(Mobile)



Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector Type
0.1385	62.39	10.22	72.61	105.06	-32.45	Peak
0.3845	38.31	10.47	48.78	96.12	-47.34	Peak
2.2015	38.93	10.88	49.81	70	-20.19	Peak
3.7301	38.82	10.23	49.05	70	-20.95	Peak
6.4233	39.87	10.18	50.05	70	-19.95	Peak
11.3338	43.05	10.69	53.74	70	-16.26	Peak

Note:

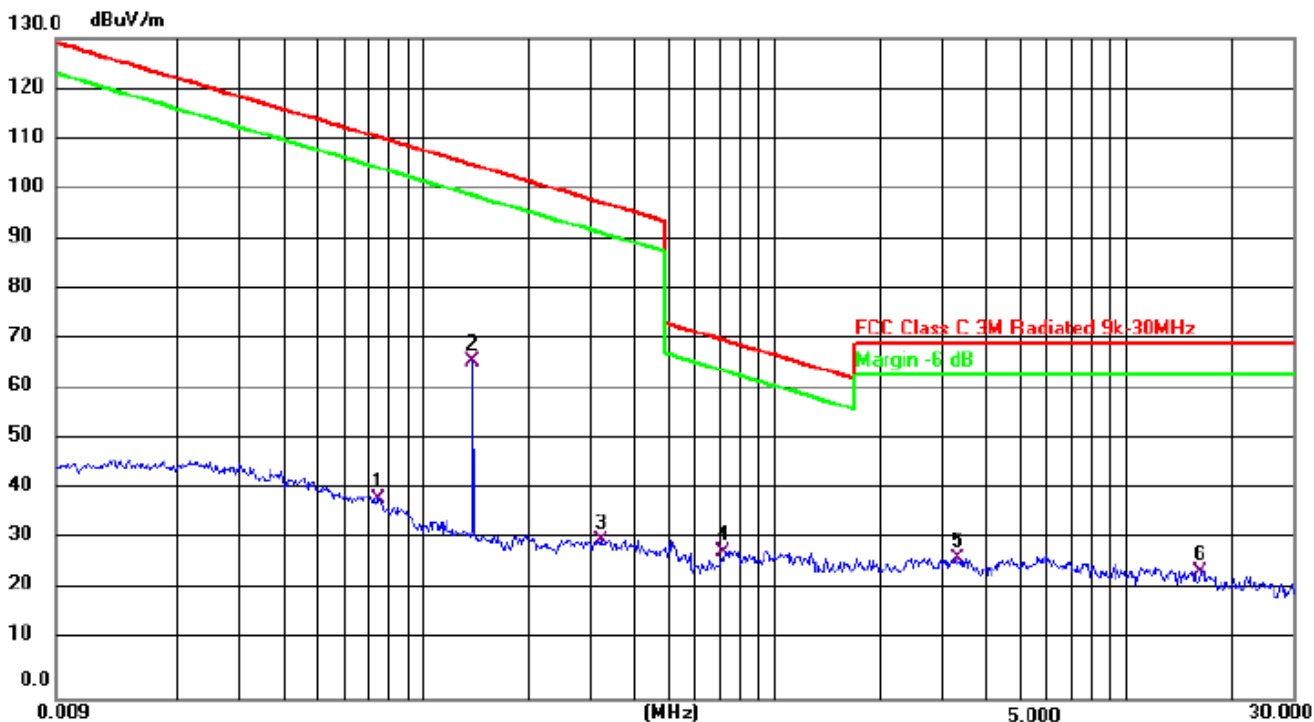
Pre-scan in the all of mode, the worst case in of was recorded.

Factor = antenna factor + cable loss – pre-amplifier.

Margin = Emission Level(Meter Reading+ Factor) - Limit.



Radiation Emission Test Data 9 kHz~30 MHz			
Temperature:	24.5 °C	Relative Humidity:	54%
Pressure:	1009hPa	Polarization:	/
Test Voltage:	DC 3.85V	Test Mode:	Mode 16(Portable)



Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector Type
0.0752	38.38	10.22	48.6	110.41	-61.81	Peak
0.1385	66.39	10.47	76.86	105.06	-28.2	Peak
0.3190	29.34	10.88	40.22	97.76	-57.54	Peak
0.7186	28.00	10.23	38.23	70.62	-32.39	Peak
3.3298	26.18	10.18	36.36	70	-33.64	Peak
16.3270	22.75	10.69	33.44	70	-36.56	Peak

Note:

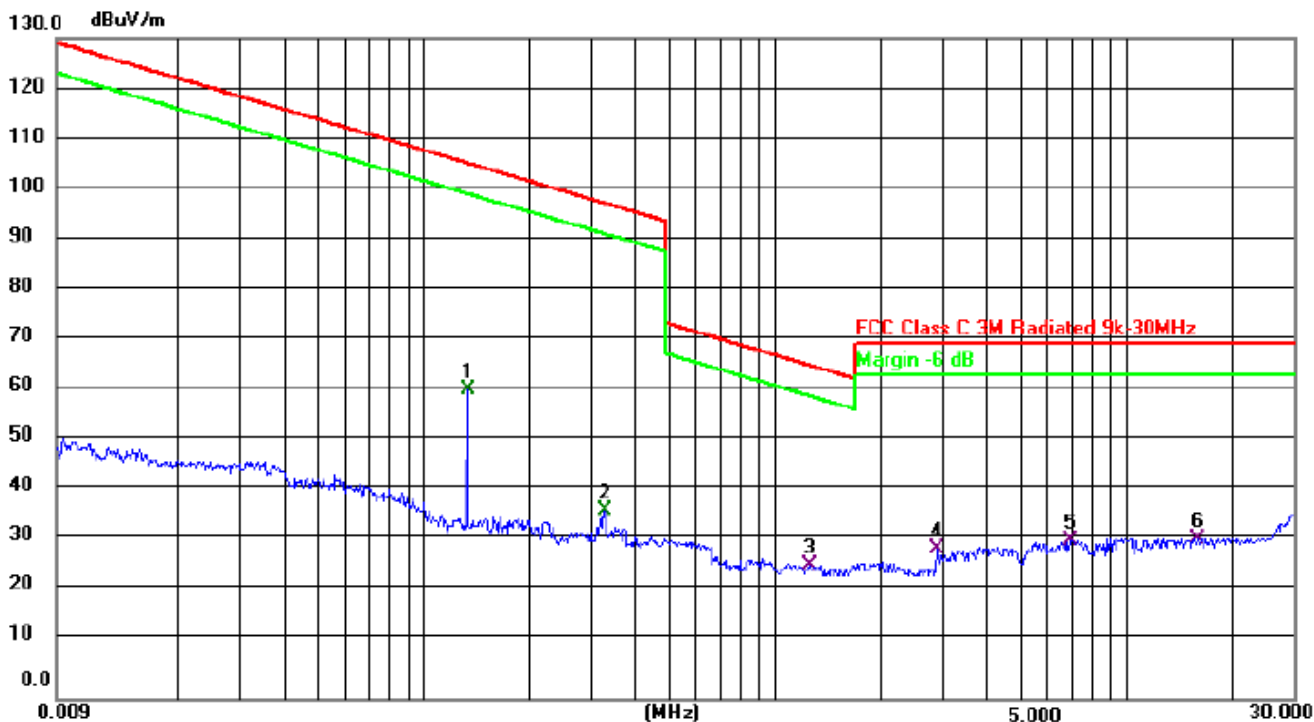
Pre-scan in the all of mode, the worst case in of was recorded.

Factor = antenna factor + cable loss – pre-amplifier.

Margin = Emission Level(Meter Reading+ Factor) - Limit.



Radiation Emission Test Data 9 kHz~30 MHz			
Temperature:	24.5 °C	Relative Humidity:	54%
Pressure:	1009hPa	Polarization:	/
Test Voltage:	DC 3.85V	Test Mode:	Mode 28(Portable)



Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector Type
0.1330	59.92	10.22	70.14	105.42	-35.28	Peak
0.3271	35.24	10.47	45.71	97.54	-51.83	Peak
1.2579	24.01	10.88	34.89	65.68	-30.79	Peak
2.8774	25.94	10.23	36.17	70	-33.83	Peak
6.9100	28.47	10.18	38.65	70	-31.35	Peak
15.9344	29.32	10.69	40.01	70	-29.99	Peak

Note:

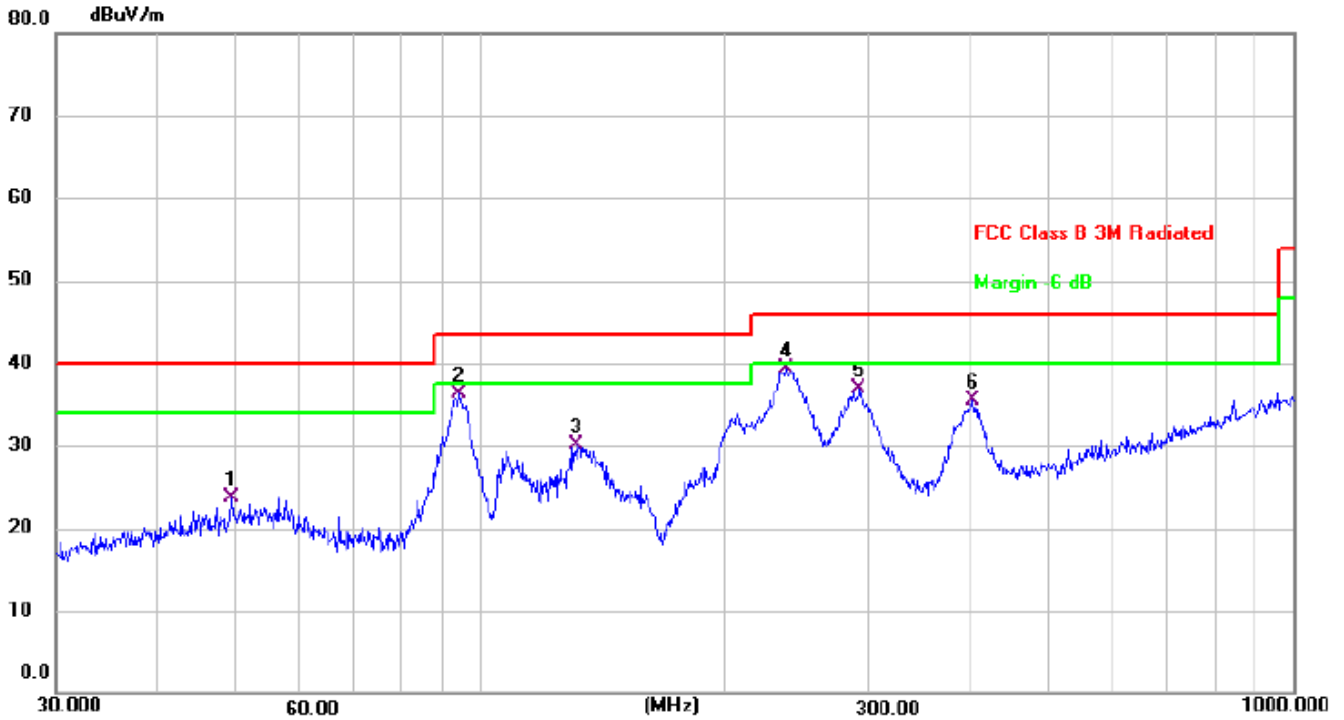
Pre-scan in the all of mode, the worst case in of was recorded.

Factor = antenna factor + cable loss – pre-amplifier.

Margin = Emission Level(Meter Reading+ Factor) - Limit.



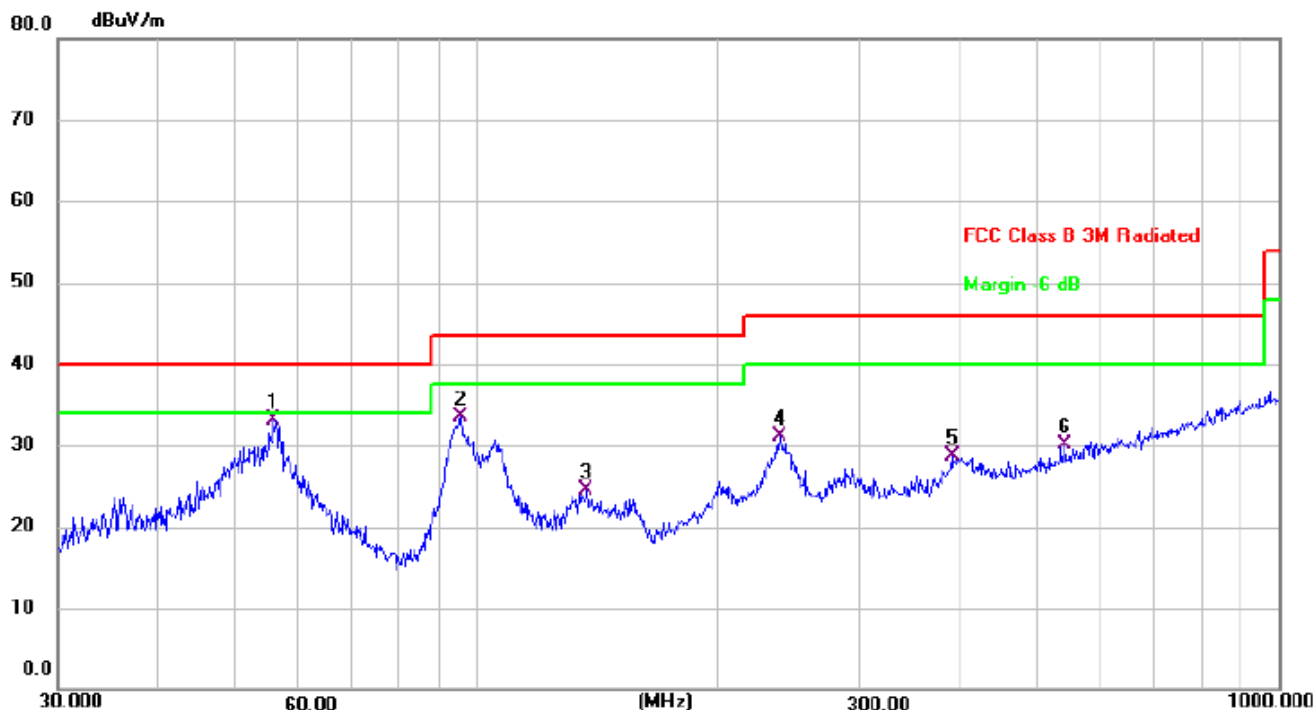
Radiation Emission Test Data			
Temperature:	24.5 °C	Relative Humidity:	54%
Pressure:	1009hPa	Polarization:	Horizontal
Test Voltage:	AC 120V/60Hz	Test Mode:	Mode 1(Mobile)



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	49.3594	35.26	-11.49	23.77	40.00	-16.23	QP
2	94.0979	50.81	-14.58	36.23	43.50	-7.27	QP
3	131.2965	46.00	-15.80	30.20	43.50	-13.30	QP
4 *	237.4760	50.98	-11.59	39.39	46.00	-6.61	QP
5	292.0583	47.10	-10.27	36.83	46.00	-9.17	QP
6	403.2500	43.65	-8.24	35.41	46.00	-10.59	QP



Radiation Emission Test Data			
Temperature:	24.5 °C	Relative Humidity:	54%
Pressure:	1009hPa	Polarization:	Vertical
Test Voltage:	AC 120V/60Hz	Test Mode:	Mode 1(Mobile)



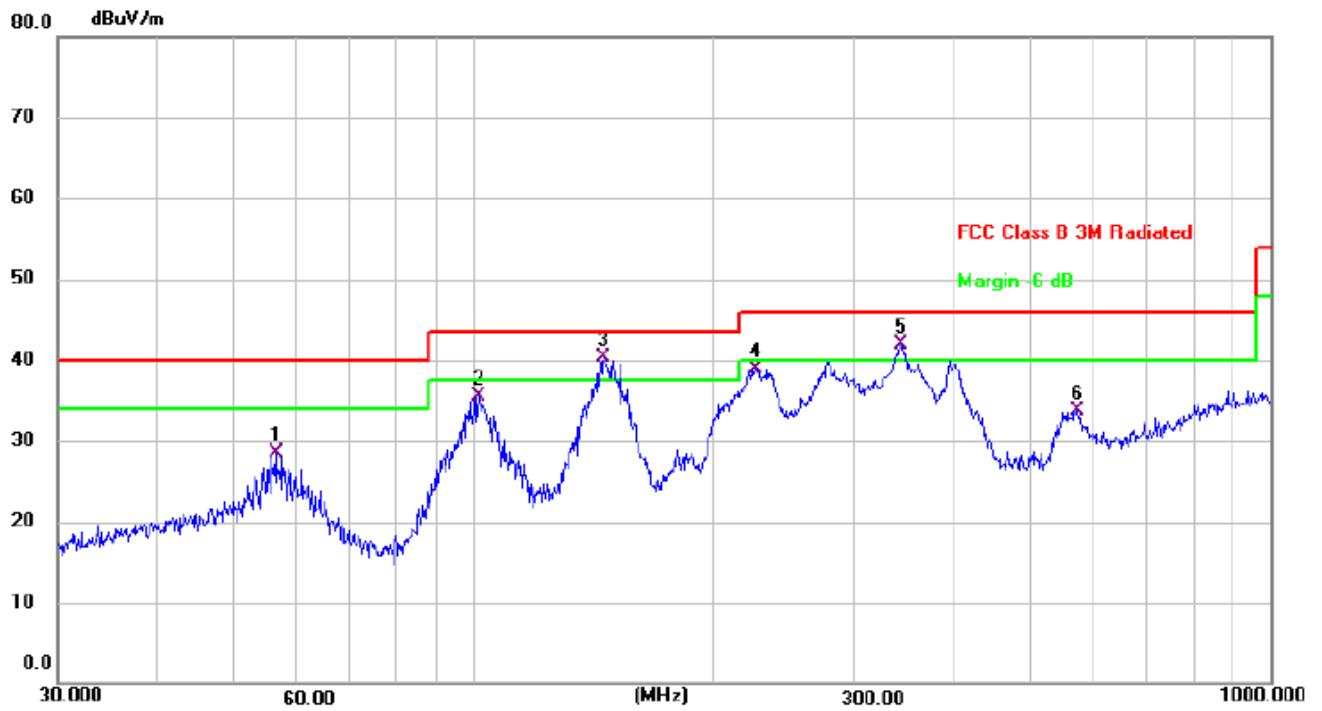
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	55.8047	45.25	-12.08	33.17	40.00	-6.83	QP
2	95.4270	47.90	-14.34	33.56	43.50	-9.94	QP
3	136.9391	40.46	-15.99	24.47	43.50	-19.03	QP
4	238.3102	42.58	-11.55	31.03	46.00	-14.97	QP
5	390.7226	37.07	-8.46	28.61	46.00	-17.39	QP
6	541.3725	35.99	-5.85	30.14	46.00	-15.86	QP

Remarks:

- 1.Final Level =Receiver Read level + Correct factor (Antenna Factor + Cable Loss – Preamplifier Factor)
- 2.The emission levels of other frequencies are very lower than the limit and not show in test report.



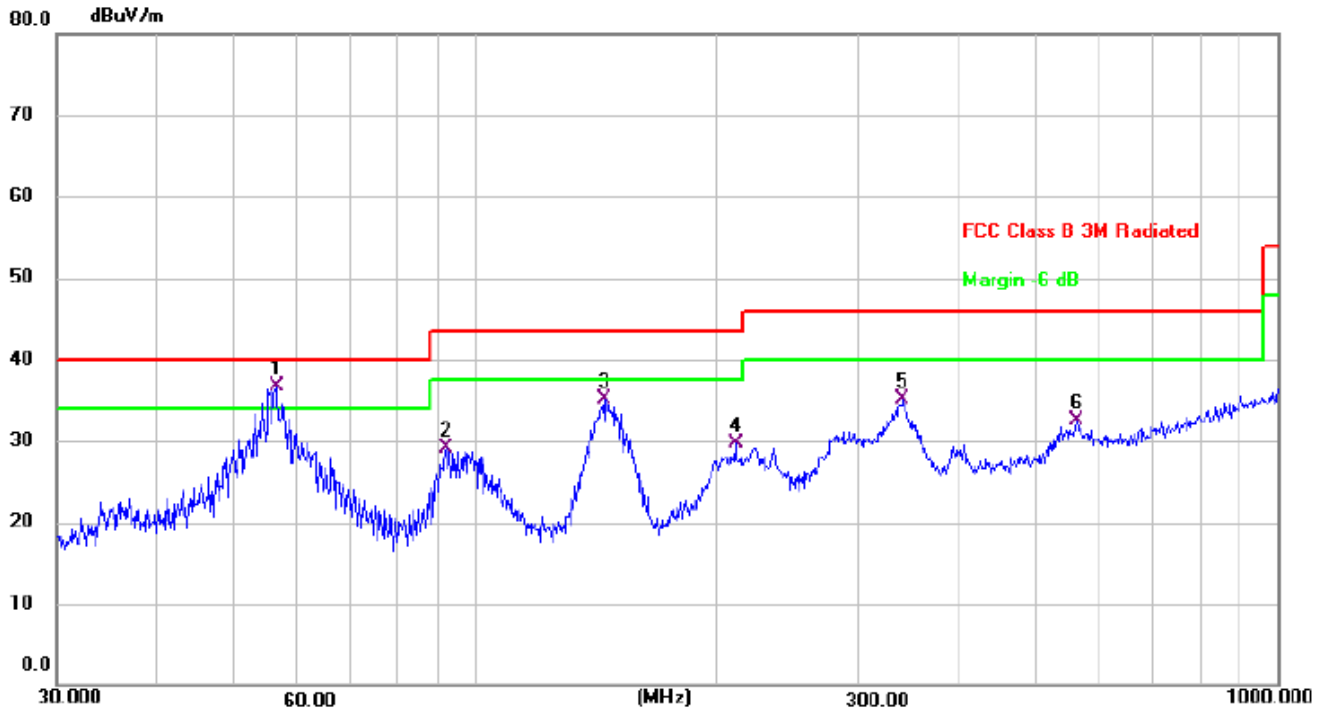
Radiation Emission Test Data			
Temperature:	24.5 °C	Relative Humidity:	54%
Pressure:	1009hPa	Polarization:	Horizontal
Test Voltage:	AC 120V/60Hz	Test Mode:	Mode 19(Mobile)



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	56.3948	40.71	-12.14	28.57	40.00	-11.43	QP
2	101.2885	49.08	-13.63	35.45	43.50	-8.05	QP
3 *	145.3506	56.55	-16.24	40.31	43.50	-3.19	QP
4	225.3080	51.01	-12.01	39.00	46.00	-7.00	QP
5 !	343.1800	51.32	-9.32	42.00	46.00	-4.00	QP
6	572.6144	38.96	-5.24	33.72	46.00	-12.28	QP



Radiation Emission Test Data			
Temperature:	24.5 °C	Relative Humidity:	54%
Pressure:	1009hPa	Polarization:	Vertical
Test Voltage:	AC 120V/60Hz	Test Mode:	Mode 19(Mobile)



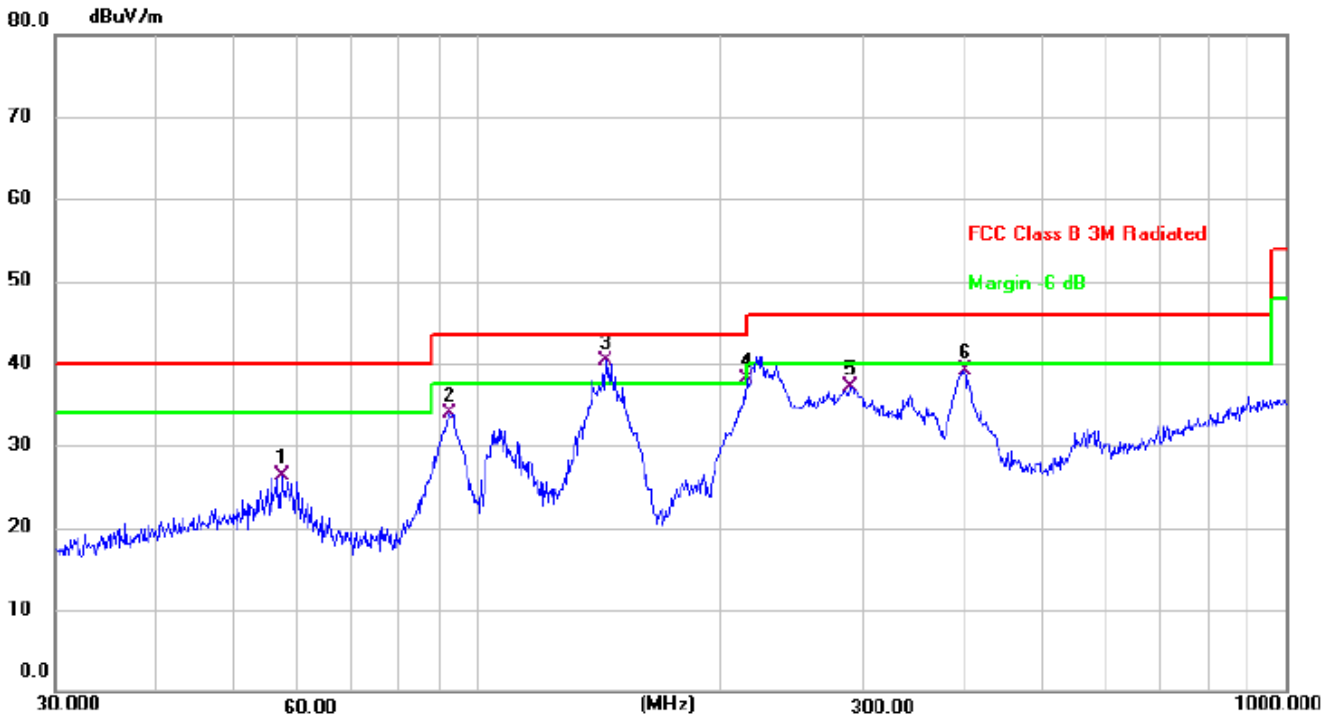
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	56.3948	48.94	-12.14	36.80	40.00	-3.20	QP
2	91.8163	44.07	-15.00	29.07	43.50	-14.43	QP
3	144.8418	51.37	-16.24	35.13	43.50	-8.37	QP
4	210.7860	42.28	-12.52	29.76	43.50	-13.74	QP
5	340.7817	44.38	-9.36	35.02	46.00	-10.98	QP
6	560.6928	37.99	-5.47	32.52	46.00	-13.48	QP

Remarks:

1. Final Level = Receiver Read level + Correct factor (Antenna Factor + Cable Loss – Preamplifier Factor)
2. The emission levels of other frequencies are very lower than the limit and not show in test report.



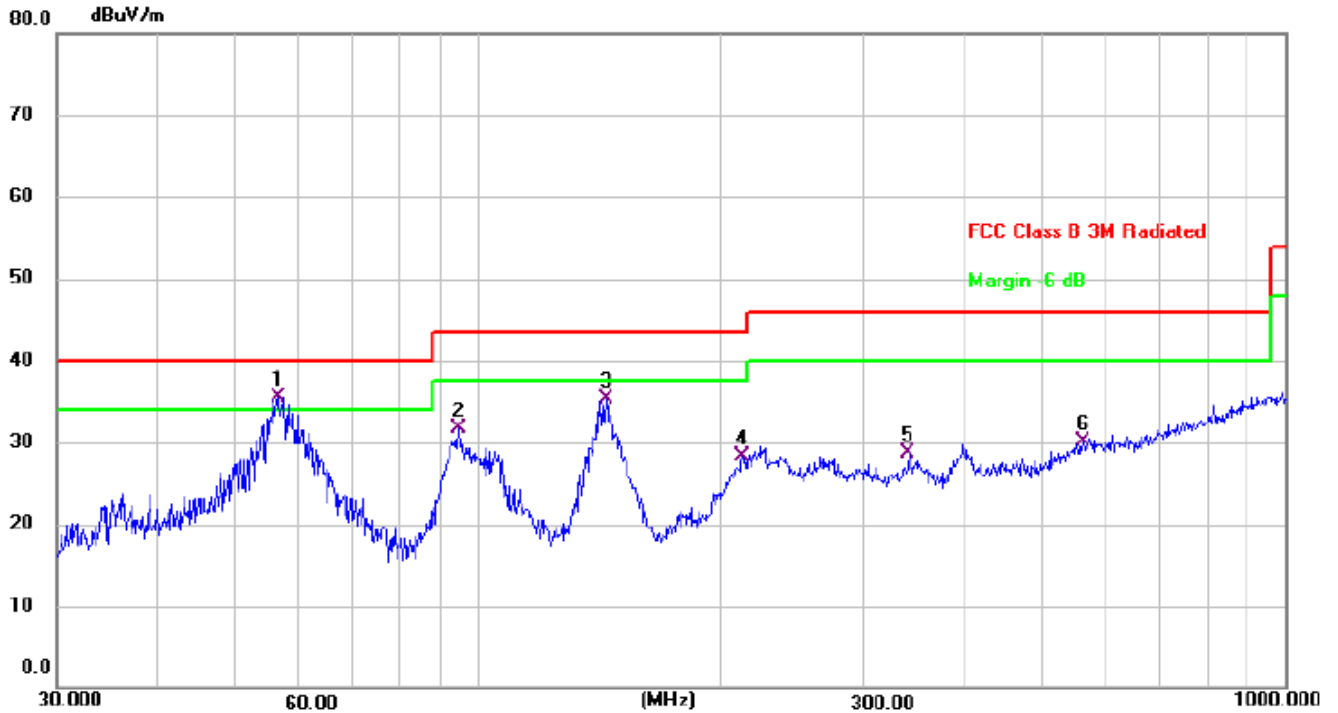
Radiation Emission Test Data			
Temperature:	24.5 °C	Relative Humidity:	54%
Pressure:	1009hPa	Polarization:	Horizontal
Test Voltage:	DC 3.85V	Test Mode:	Mode 16(Portable)



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	57.1914	38.56	-12.23	26.33	40.00	-13.67	QP
2	92.4624	48.77	-14.89	33.88	43.50	-9.62	QP
3 *	143.8295	56.48	-16.20	40.28	43.50	-3.22	QP
4 !	215.2678	50.55	-12.36	38.19	43.50	-5.31	QP
5	289.0021	47.49	-10.33	37.16	46.00	-8.84	QP
6	400.4319	47.45	-8.29	39.16	46.00	-6.84	QP



Radiation Emission Test Data			
Temperature:	24.5 °C	Relative Humidity:	54%
Pressure:	1009hPa	Polarization:	Vertical
Test Voltage:	DC 3.85V	Test Mode:	Mode 16(Portable)



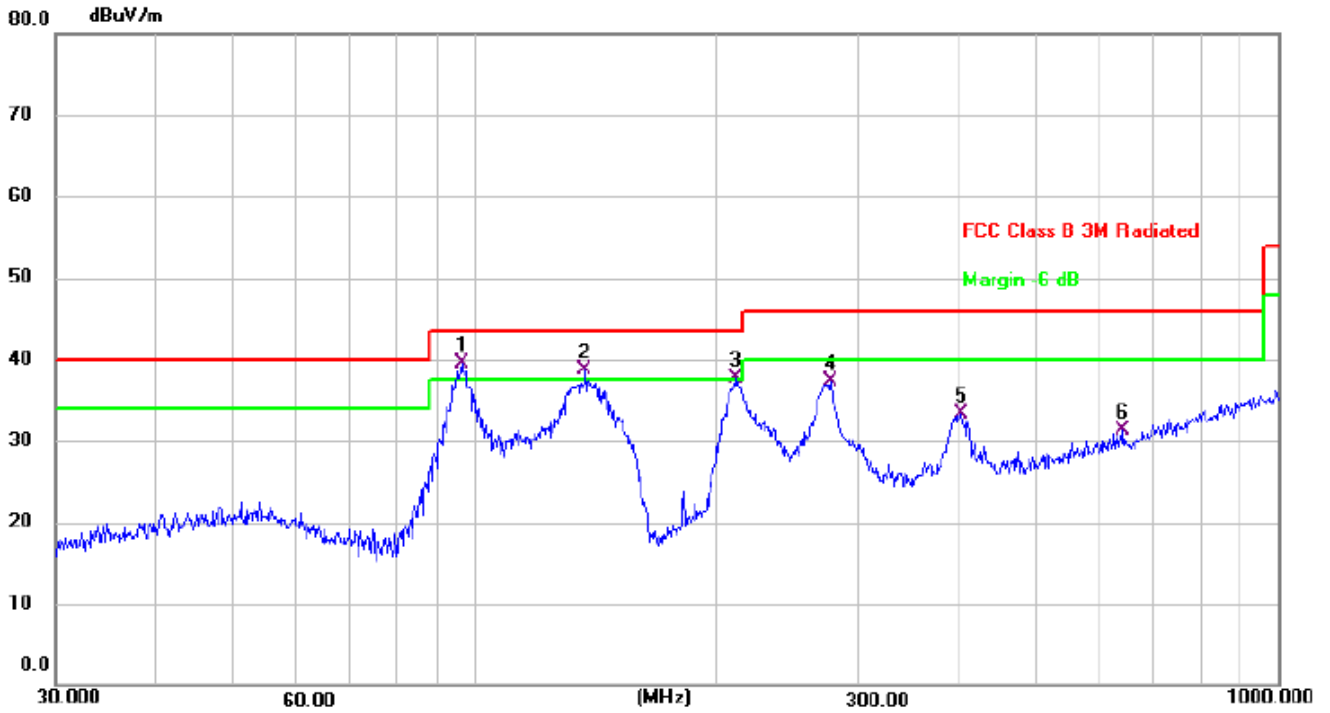
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	56.3948	47.73	-12.14	35.59	40.00	-4.41	QP
2	94.4284	46.24	-14.52	31.72	43.50	-11.78	QP
3	143.8295	51.45	-16.20	35.25	43.50	-8.25	QP
4	212.2695	40.76	-12.48	28.28	43.50	-15.22	QP
5	341.9786	38.03	-9.35	28.68	46.00	-17.32	QP
6	560.6928	35.57	-5.47	30.10	46.00	-15.90	QP

Remarks:

- 1.Final Level =Receiver Read level + Correct factor (Antenna Factor + Cable Loss – Preamplifier Factor)
- 2.The emission levels of other frequencies are very lower than the limit and not show in test report.



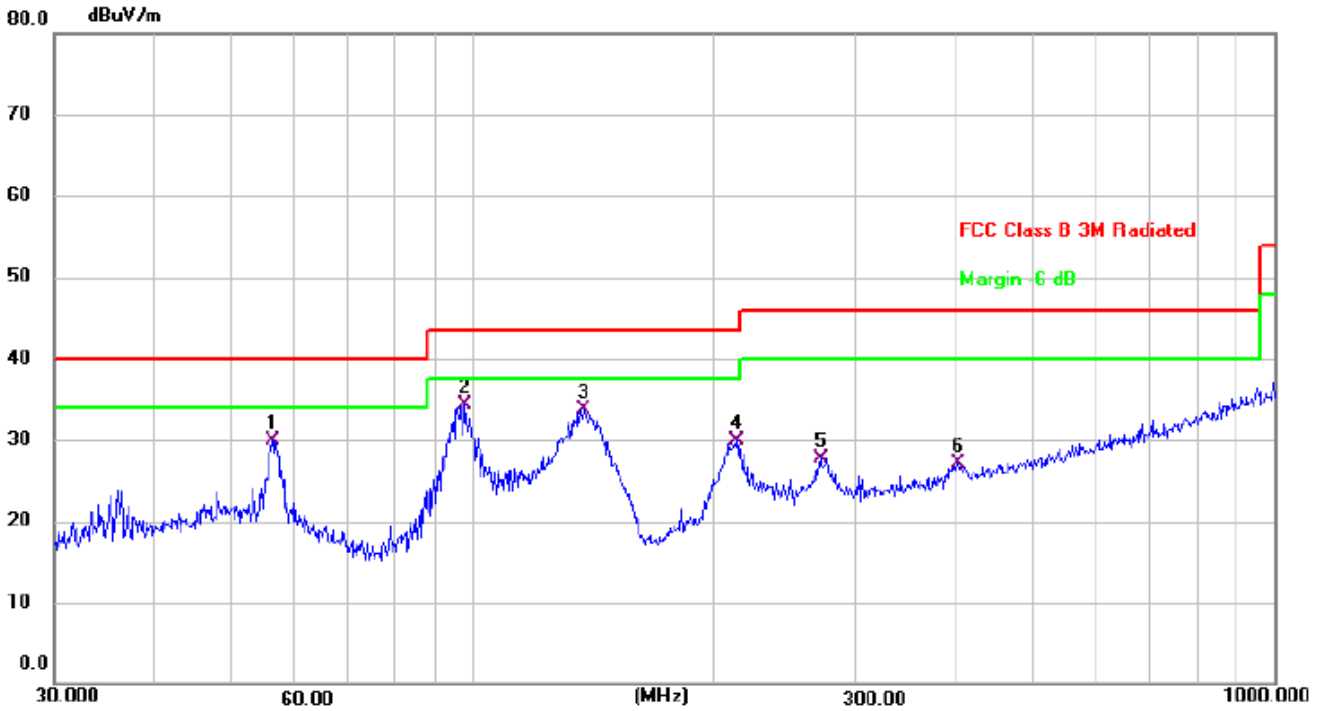
Radiation Emission Test Data			
Temperature:	24.5 °C	Relative Humidity:	54%
Pressure:	1009hPa	Polarization:	Horizontal
Test Voltage:	DC 3.85V	Test Mode:	Mode 28(Portable)



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	96.0986	53.65	-14.22	39.43	43.50	-4.07	QP
2 !	136.9391	54.66	-15.99	38.67	43.50	-4.83	QP
3 !	210.7860	50.29	-12.52	37.77	43.50	-5.73	QP
4	277.0935	47.83	-10.58	37.25	46.00	-8.75	QP
5	403.2500	41.59	-8.24	33.35	46.00	-12.65	QP
6	640.6110	35.31	-4.01	31.30	46.00	-14.70	QP



Radiation Emission Test Data			
Temperature:	24.5 °C	Relative Humidity:	54%
Pressure:	1009hPa	Polarization:	Vertical
Test Voltage:	DC 3.85V	Test Mode:	Mode 28(Portable)



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	56.1974	41.97	-12.12	29.85	40.00	-10.15	QP
2 *	97.7983	48.28	-13.91	34.37	43.50	-9.13	QP
3	137.4202	49.67	-16.00	33.67	43.50	-9.83	QP
4	213.0151	42.39	-12.44	29.95	43.50	-13.55	QP
5	271.3246	38.49	-10.71	27.78	46.00	-18.22	QP
6	401.8385	35.42	-8.27	27.15	46.00	-18.85	QP

Remarks:

- 1.Final Level =Receiver Read level + Correct factor (Antenna Factor + Cable Loss – Preamplifier Factor)
- 2.The emission levels of other frequencies are very lower than the limit and not show in test report.

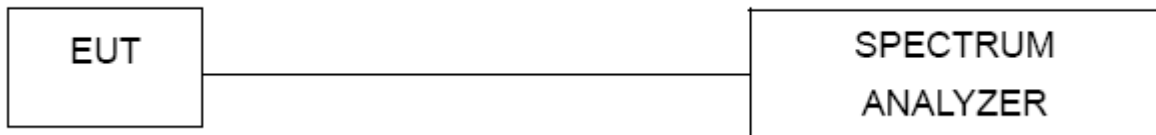


7. BANDWIDTH TEST

7.1 TEST SETUP

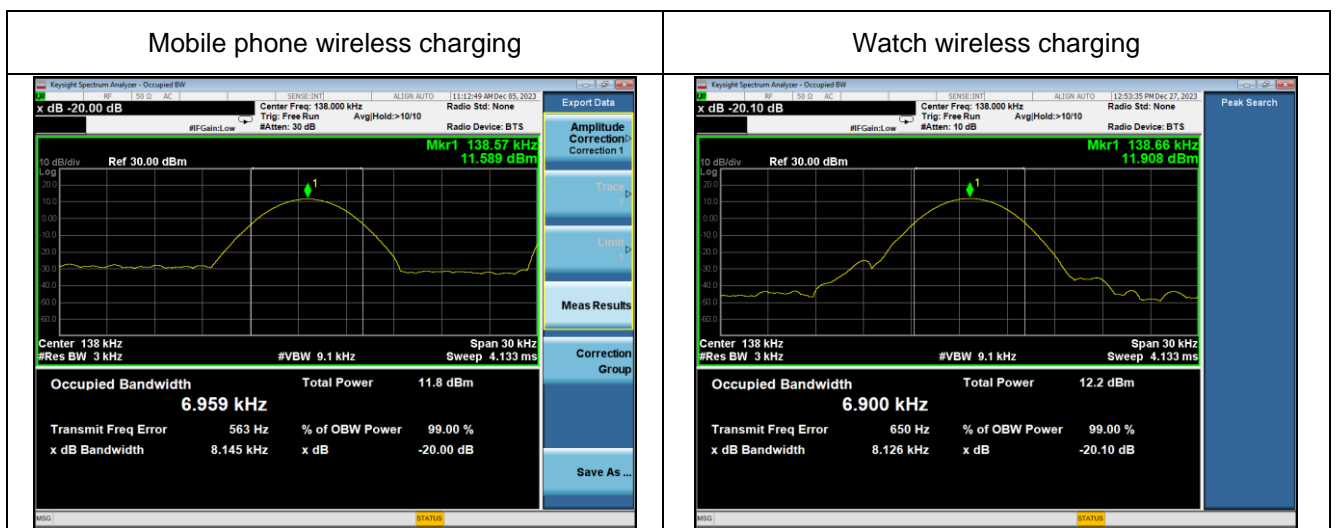
1. Set RBW = 3KHz.
2. Set the video bandwidth (VBW) ≥ 3 x RBW.
3. Detector = Peak.
4. Trace mode = max hold.
5. Sweep = auto couple.
6. Allow the trace to stabilize.
7. Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 20 dB relative to the maximum level measured in the fundamental emission.

7.2 TEST SETUP



7.3 TEST Result

Frequency (KHz)	20dB bandwidth (KHz)		Result
	138	Mobile phone wireless charging 8.145	





8. SETUP PHOTOGRAPHS

Reference to the setup photo for details.

9. EUT PHOTOGRAPHS

Reference to the external and internal photo for details.

******* END OF REPORT *******