FCC PART 15 SUBPART C

WIRELESS POWER BANK

MODEL No.:75344

FCC ID:2AQJK-AST-WR394

REPORT NO.:SZNTT26014194E1-1

ISSUE DATE:Mar. 25, 2025

Prepared for

NINGBO ALLSTAR O&E TECHNOLOGY CO.,LTD.

NO.19 HUIJIN ROAD, LUOTUO STREET,ZHENHAI, NINGBO, China

Prepared by

Shenzhen NTT Testing Technology Co.,Ltd.

1B, Building 2, Factory Building & 103, Building 3, Factory Building, Dayang Industrial Park, No.4, Industrial Avenue, Tangwei Community, Fuhai Sub-district, Bao 'an District, Shenzhen City, Guangdong, China

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TEST REPORT DESCRIPTION

Applicant	:	NINGBO ALLSTAR O&E TECHNOLOGY CO.,LTD.
Address	:	NO.19 HUIJIN ROAD, LUOTUO STREET,ZHENHAI, NINGBO, China
Manufacturer	:	NINGBO ALLSTAR O&E TECHNOLOGY CO.,LTD.
Address	:	NO.19 HUIJIN ROAD, LUOTUO STREET,ZHENHAI, NINGBO, China
EUT	:	WIRELESS POWER BANK
Model Name	:	75344
Trademark	:	/

Measurement Procedure Used:

APPLICABLE STANDARDS	
STANDARD	TEST RESULT
FCC 47 CFR Part 15, Subpart C	PASS

The above equipment was tested by Shenzhen NTT Testing Technology Co.,Ltd.The test data, data evaluation, test procedures, and equipment configurations shown in this report were made in accordance with the procedures given in ANSI C63.10-2020+Cor 1+2023 and the energy emitted by the sample EUT tested as described in this report is in compliance with conducted and radiated emission limits of FCC Rules Part 15C

The test results of this report relate only to the tested sample identified in this report.

Prepared by(Test Engineer): Zhao Di	Zhao Di
Reviewer(Supervisor): Ken Wu	Ken Wu
Approved(Manager): Abel Yu	Abel Yu Shenzhen NTT Testing Technology Co., Ltd.Special Seal for Inspection and Testing

Modified Information

Version	Report No.	Revision Data	Summary
Ver.1.0	SZNTT26014194E1-1	Apr. 02, 2026	Original Version

1. SUMMARY OF TEST RESULTS

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

2. GENERAL INFORMATION

2.1. Description of Device (EUT)

EUT : WIRELESS POWER BANK

Model Number : 75344

Different : /

Model different N/A

Power Rating : Input:
Type-C: 5V/2A, 9V/2A Max
Output:
Type-C: 5V/2.1A,USB-A 1/2: 5V/2.1A
Wireless: 5W
Battery Capacity: 10000mAh/3.7V/37Wh

Operation Frequency for WPT : 111-205 KHz

Modulation : MSK

Antenna Type: : Coil Antenna

Date of Received : Mar. 22, 2026

Date of Test : Mar. 22, 2026 to Apr. 02, 2026

2.2. 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.	Note
E-1	WIRELESS POWER BANK	N/A	75344	N/A	EUT
E-2	Phone	SAMSUNG	S24	N/A	Auxiliary
E-3	Adapter	N/A	HW-090200CH0	N/A	Auxiliary
E-4	Power Bank	N/A	KR-007	N/A	Auxiliary

Note: (1)The support equipment was authorized by Declaration of Confirmation.
(2)For detachable type I/O cable should be specified the length in cm in『Length』column.

2.3. Independent Operation Modes

Pretest Test Mode	Description of Mode
1	Wireless charging
2	/
3	/

2.4. Test Mode

Test Items	Final Test Mode
Conducted Emissions	Mode 1
Radiated Emissions	Mode 1
20dB bandwidth	Mode 1
Remark: All the modes have tested and recorded the worst mode in the report	

2.5. Description of Test Facility

Site Description

EMC Lab.:	Designation Number: CN3446 Test Firm Registration Number: 129414 Accredited by ANAB, Dec. 19, 2025 The Certificate Registration Number is AT-3446
Name of Firm:	Shenzhen NTT Testing Technology Co.,Ltd.
Site Location:	1B, Building 2, Factory Building & 103, Building 3, Factory Building, Dayang Industrial Park, No.4, Industrial Avenue, Tangwei Community, Fuhai Sub-district, Bao 'an District, Shenzhen City, Guangdong, China

2.6. Measurement Uncertainty

Item	MU	Remark
Uncertainty for radio frequency	±7×10-8	
Conducted Emissions (150kHz~30MHz)	±3.64dB	
Radiated Emission(9KHz~30MHz)	±4.51dB	
Radiated Emission(30MHz~1GHz)	±5.03dB	
Radiated Emission(1GHz~6GHz)	±3.92dB	
Radiated Emission(6GHz~18GHz)	±4.33dB	
Radiated Emission(18GHz~40GHz)	±3.38dB	
Uncertainty for conducted RF Power	±0.20dB	
Conducted spurious emissions	±0.24dB	
Uncertainty for temperature	0.6℃	
Uncertainty for humidity	1%	
Bandwidth	± 1.5 x 10-6	
Time	±2%	
Duty Cycle	±2%	
Remark: The coverage Factor (k=2), and measurement Uncertainty for a level of Confidence of 95%		

3. MEASURING DEVICE AND TEST EQUIPMENT

Conducted Test Site

Name	Model No.	Serial No.	Manufacturer	Date of Cal.	Due Date
944 Shielded Room	HSRCE944	/	HTEC	2025/4/30	2028/4/29
EMI Test Receiver	ESPI	/	RS	2025/9/8	2026/9/7
LISN	NNLK 8129	00603	Schwarzbeck	2025/9/8	2026/9/7
LISN	NNHV 8123-400	00694	Schwarzbeck	2025/9/8	2026/9/7
LISN	NNHV 8123-400	00680	Schwarzbeck	2025/9/8	2026/9/7
Cable	RG223-1500MM	NA	RG	2025/9/8	2026/9/7

Radiated Test Site(Below 1G and Above 1G)&RF Test Site

Name	Model No.	Serial No.	Manufacturer	Date of Cal.	Due Date
966 Shielded Room	966 Room	/	EMToni	2025/7/24	2028/7/23
EMI Test Receiver	ESCI	101018	RS	2025/9/8	2026/9/7
Amplifi（30MHz-1GHz）	BBV 9718D	00042	SCHWARZBECK	2025/9/8	2026/9/7
Bilog Antenna（30MHz-1GHz）	VULB9168	1858	SCHWARZBECK	2025/9/9	2026/9/8
Horn antenna（1GHz-18GHz）	BBHA 9120 D	02622	SCHWARZBECK	2025/9/9	2026/9/8
Pream plifier（1GHz-18GHz）	BBV 9718D	0024	SCHWARZBECK	2025/9/8	2026/9/7
Spectrum Analyze（10Hz-40GHz）	FSV 40	100952	Rohde & Schwarz	2025/9/8	2026/9/7
Pream plifier（18GHz-40GHz）	BBV 9721	0056	SCHWARZBECK	2025/9/8	2026/9/7
Double Ridge Guide Horn Antenna（18GHz-40GHz）	SAS-574	588	A.H.System	2025/9/8	2026/9/7
Loop Antenna (9KHz-30MHz)	FMZB1519B	014	SCHWARZBECK	2025/9/8	2026/9/7
Amplifier (9KHz-30MHz)	CVP 9222 C	00109	SCHWARZBECK	2025/9/8	2026/9/7

MXG Signal Analyzer	N9020A	MY50510202	Agilent	2025/9/8	2026/9/7
MXG Vector Signal Generator	N5182A	MY50140020	Agilent	2025/9/8	2026/9/7
MXG Analog Signal Generator	N5181A	MY47420919	Agilent	2025/9/8	2026/9/7
Power Sensor	TR1029-2	512364	Techoy	2025/9/8	2026/9/7
RF Swith	TR1029-1	512364	Techoy	2025/9/8	2026/9/7
Cable	DA800-4000MM	NA	DA	2025/9/8	2026/9/7
Cable	DA800-11000MM	NA	DA	2025/9/8	2026/9/7

Test software

Item	Name	Manufacturer	Model	Software version
1	EMC Conduction Test System	FALA	EZ-EMC	Ver.EMC-CON 3A1.1+
2	EMC radiation test system	FALA	EZ-EMC	Ver.FA-03A2 RE+
3	RF test system	TACHOY	RFTest	V1.0.0
4	RF communication test system	TACHOY	RFTest	V1.0.0

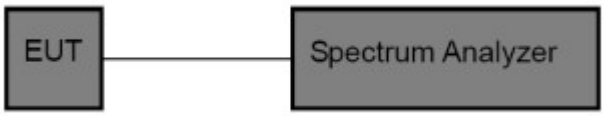
4. 20DB BANDWIDTH

4.1. Test Procedure

Set to the maximum power setting and enable the EUT transmit continuously
Set RBW = 1-5%OBW.
Set the video bandwidth (VBW) =3RBW.
Set Span= approximately 2 to 3 times the 20 dB bandwidth, centered on a hopping channel
Set Detector = Peak.
Set Trace mode = Max hold.
Set Sweep = auto couple.
Measure and record the results in the test report.

Because the measured signal is CW-like, adjusting the RBW per C63.10 would not be practical since measurement bandwidth will always follow the RBW. The RBW is set to 100 Hz to perform the occupied bandwidth test.

4.2. Test Setup



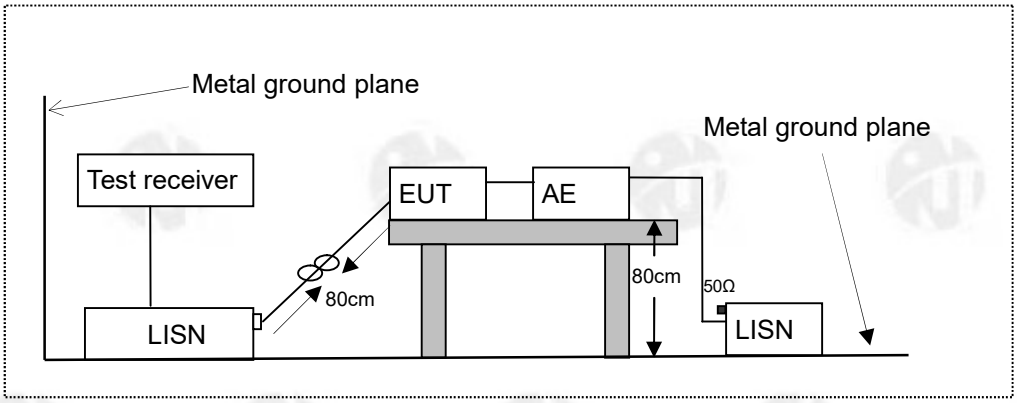
4.3. Test Results

Frequency (KHz)	20dB bandwidth (Hz)	99% bandwidth (Hz)	Result
125	255	219	Pass

Agilent Spectrum Analyzer - Occupied BW
RF 50 Ω AC
SENSE:PULSE
ALIGN OFF
11:02:47 AM Mar 31, 2026
Marker 1 --- Hz
Center Freq: 125.000 kHz
Trig: Free Run
Avg|Hold:>10/10
#Atten: 10 dB
#IFGain:Low
Radio Std: None
Radio Device: BTS
Trace/Detector
10 dB/div
Ref 0.00 dBm
Log
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
-80.0
-90.0
Center 125 kHz
#Res BW 100 Hz
#VBW 300 Hz
Span 2 kHz
Sweep FFT
Clear Write
Average
Max Hold
Min Hold
Occupied Bandwidth
219 Hz
Total Power -9.21 dBm
Transmit Freq Error -3 Hz
OBW Power 99.00 %
x dB Bandwidth 255 Hz
x dB -20.00 dB
Detector
Average
Auto
Man
MSG
STATUS

5. POWER LINE CONDUCTED EMISSION MEASUREMENT

5.1. Block Diagram of Test Setup



LISN: Line Impedance Stabilization Network
AE: Associated equipment
EUT: Equipment under test

5.2. Limits

FCC Part 15.207

Frequency (MHz)			Limit (dBμV)	
			Quasi-peak Level	Average Level
0.15	~	0.50	66.0 ~ 56.0 *	56.0 ~ 46.0 *
0.50	~	5.00	56.0	46.0
5.00	~	30.00	60.0	50.0
NOTE1-The lower limit shall apply at the transition frequencies. NOTE2-The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.50MHz.				

5.3. Test Procedure

The EUT was placed on a desk 0.8 m height from the metal ground plane and 0.4 m from the conducting wall of the shielding room and it was kept at least 0.8 m from any other grounded conducting surface. The size of the table will nominally be 1.5 m x1.0 m.

The rear of the arrangement shall be flush with the back of the supporting tabletop unless that would not be possible or typical of normal use.

All units of equipment forming the system under test (includes the EUT as well as connected peripherals and associated equipment or devices) shall be arranged such that a nominal 0.1 m separation is achieved between the neighboring units.

Connect EUT to the power mains through a line impedance stabilization network (LISN). Where the mains cable supplied by the manufacturer is longer than 1 m, the excess should be folded at the

centre into a bundle no longer than 0.4 m, so that its length is shortened to 1 m.

All the support units are connecting to the other LISN.

The LISN provides 50 ohm coupling impedance for the measuring instrument.

Both sides of AC line were checked for maximum conducted interference.

The frequency range from 150 kHz to 30 MHz was sweep.

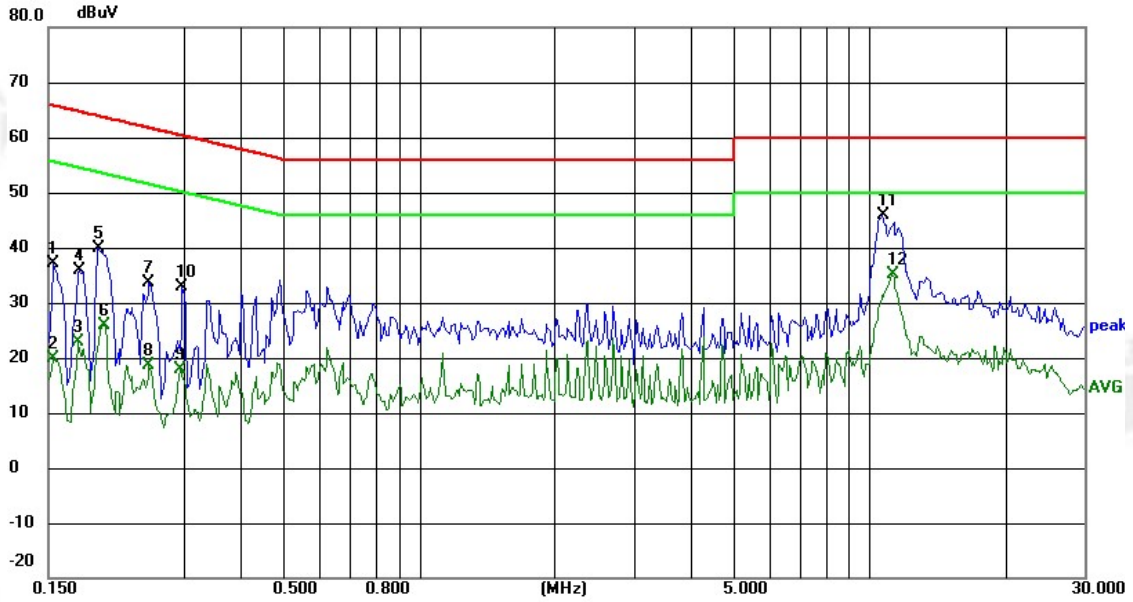
Set the test-receiver system to quasi peak detect function and average detect function, and to measure the conducted emissions values.

Test results were obtained from the following equation:
Emission Level (dBμV) = LISN Factor (dB) + Cable Loss (dB) + Reading (dBμV)
Margin (dB) = Emission Level (dBμV) - Limit (dBμV)

5.4. Measuring Results

PASS.

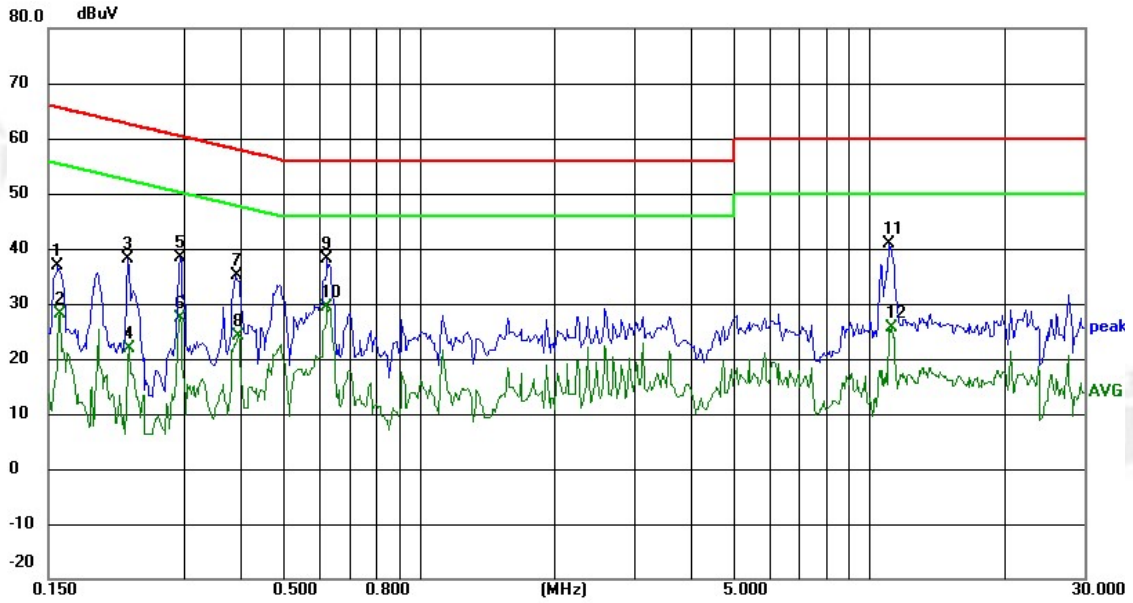
EUT:	WIRELESS POWER BANK	Model Name:	75344
Test Mode:	Wireless charging	Phase:	L
Test Voltage:	AC120V/60Hz		



Remark:
1. Factor = Insertion Loss + Cable Loss + Pulse limit.
2. '*' means the worst case

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.1539	26.98	10.16	37.14	65.79	-28.65	peak	P
2	0.1539	9.62	10.16	19.78	55.79	-36.01	AVG	P
3	0.1739	12.73	10.14	22.87	54.77	-31.90	AVG	P
4	0.1758	25.64	10.14	35.78	64.68	-28.90	peak	P
5	0.1928	29.86	10.13	39.99	63.92	-23.93	peak	P
6	0.2006	15.79	10.12	25.91	53.59	-27.68	AVG	P
7	0.2514	23.57	10.16	33.73	61.71	-27.98	peak	P
8	0.2514	8.44	10.16	18.60	51.71	-33.11	AVG	P
9	0.2943	7.74	10.20	17.94	50.40	-32.46	AVG	P
10	0.2982	22.67	10.20	32.87	60.29	-27.42	peak	P
11 *	10.6946	24.89	21.07	45.96	60.00	-14.04	peak	P
12	11.2211	13.43	21.60	35.03	50.00	-14.97	AVG	P

EUT:	WIRELESS POWER BANK	Model Name:	75344
Test Mode:	Wireless charging	Phase:	N
Test Voltage:	AC120V/60Hz		



Remark:
1. Factor = Insertion Loss + Cable Loss + Pulse limit.
2. '*' means the worst case

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.1577	26.78	10.15	36.93	65.58	-28.65	peak	P
2	0.1590	18.08	10.15	28.23	55.52	-27.29	AVG	P
3	0.2243	27.93	10.14	38.07	62.66	-24.59	peak	P
4	0.2267	11.62	10.14	21.76	52.57	-30.81	AVG	P
5	0.2943	28.25	10.20	38.45	60.40	-21.95	peak	P
6	0.2943	17.10	10.20	27.30	50.40	-23.10	AVG	P
7	0.3917	24.80	10.29	35.09	58.03	-22.94	peak	P
8	0.3956	13.92	10.29	24.21	47.95	-23.74	AVG	P
9	0.6258	27.65	10.38	38.03	56.00	-17.97	peak	P
10 *	0.6258	19.02	10.38	29.40	46.00	-16.60	AVG	P
11	11.0691	19.47	21.45	40.92	60.00	-19.08	peak	P
12	11.2056	3.95	21.59	25.54	50.00	-24.46	AVG	P

6. RADIATED EMISSION TEST

6.1. Measurement Procedure

1. The EUT was placed on a turn table which is 0.8m above ground plane.

2. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.

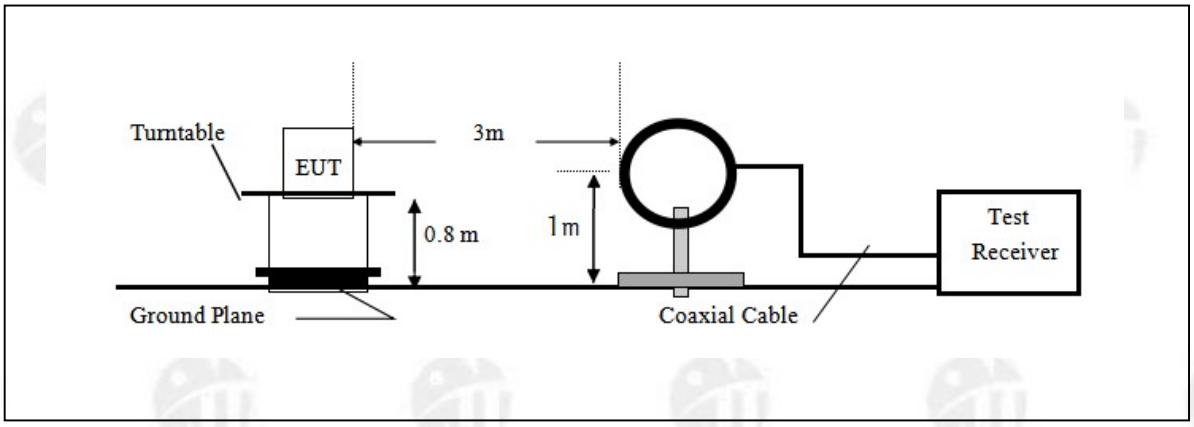
3. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical.

4. Repeat above procedures until all frequency measured were complete.

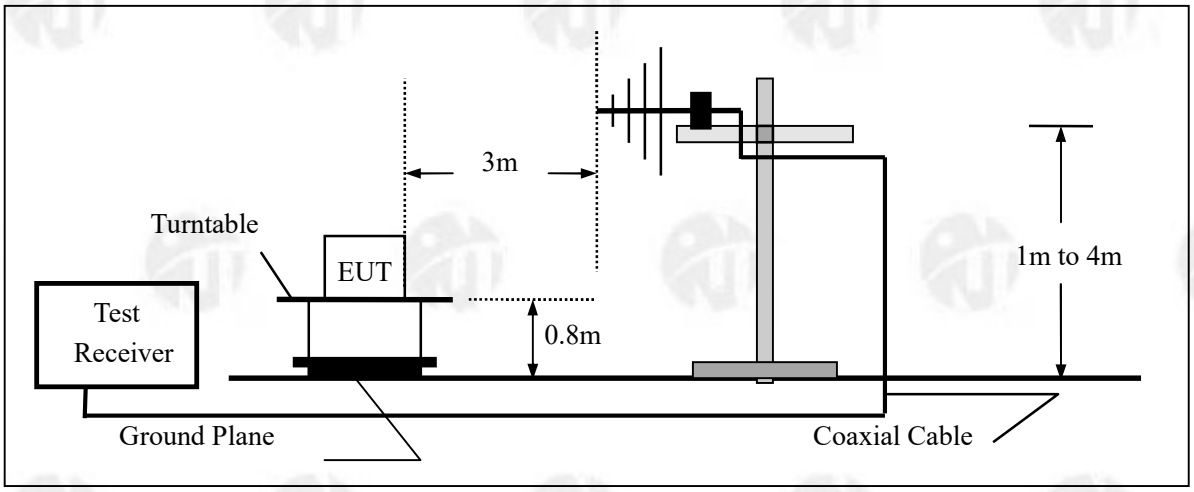
5. Use the following receiver/spectrum analyzer settings:
   Span = wide enough to fully capture the emission being measured
   RBW=200Hz for 9KHz to 150KHz,
   RBW=9kHz for 150KHz to 30MHz,
   RBW=120KHz for 30MHz to 1GHz
   VBW ≥ 3*RBW
   Sweep = auto
   Detector function = QP
   Trace = max hold

6.2. Test SET-UP (Block Diagram of Configuration)

(A) Radiated Emission Test Set-Up, Frequency Below 30MHz



(B) Radiated Emission Test Set-Up, Frequency Below 1000MHz



6.3. Radiated Emission Limit

The emissions from an intentional radiator shall not exceed the field strength levels specified in the following table 15.209(a):

FCC Part 15.209				
Frequency (MHz)	Field Strength Limitation		Field Strength Limitation Frequency tion at 3m Measurement Dist	
	(uV/m)	Dist	(uV/m)	(dBuV/m)
0.009 – 0.490	2400 / F(KHz)	300m	10000 * 2400/F(KHz)	20log 2400/F(KHz) + 80
0.490 – 1.705	24000 / F(KHz)	30m	100 * 24000/F(KHz)	20log 24000/F(KHz) + 40
1.705 – 30.00	30	30m	100* 30	20log 30 + 40
30.0 – 88.0	100	3m	100	20log 100
88.0 – 216.0	150	3m	150	20log 150
216.0 – 960.0	200	3m	200	20log 200
Above 960.0	500	3m	500	20log 500

15.205 Restricted bands of operation

MHz	MHz	MHz	GHz
0.090 - 0.110	16.42 - 16.423	399.9 - 410	4.5 - 5.15
[1]0.495 - 0.505	16.69475 - 16.69525	608 - 614	5.35 - 5.46
2.1735 - 2.1905	16.80425 - 16.80475	960 - 1240	7.25 - 7.75
4.125 - 4.128	25.5 - 25.67	1300 - 1427	8.025 - 8.5
4.17725 - 4.17775	37.5 - 38.25	1435 - 1626.5	9.0 - 9.2
4.20725 - 4.20775	73 - 74.6	1645.5 - 1646.5	9.3 - 9.5
6.215 - 6.218	74.8 - 75.2	1660 - 1710	10.6 - 12.7
6.26775 - 6.26825	108 - 121.94	1718.8 - 1722.2	13.25 - 13.4
6.31175 - 6.31225	123 - 138	2200 - 2300	14.47 - 14.5
8.291 - 8.294	149.9 - 150.05	2310 - 2390	15.35 - 16.2
8.362 - 8.366	156.52475 - 156.52525	2483.5 - 2500	17.7 - 21.4
8.37625 - 8.38675	156.7 - 156.9	2690 - 2900	22.01 - 23.12
8.41425 - 8.41475	162.0125 - 167.17	3260 - 3267	23.6 - 24.0
12.29 - 12.293	167.72 - 173.2	3332 - 3339	31.2 - 31.8
12.51975 - 12.52025	240 - 285	3345.8 - 3358	36.43 - 36.5
12.57675 - 12.57725	322 - 335.4	3600 - 4400	([2])

Remark: 1. Emission level in dBuV/m=20 log (uV/m)
2. Measurement was performed at an antenna to the closed point of EUT distance of meters.
3. Only spurious frequency is permitted to locate within the Restricted Bands specified in provision of ξ 15.205, and the emissions located in restricted bands also comply with 15.209 limit.

6.4.Measurement Result

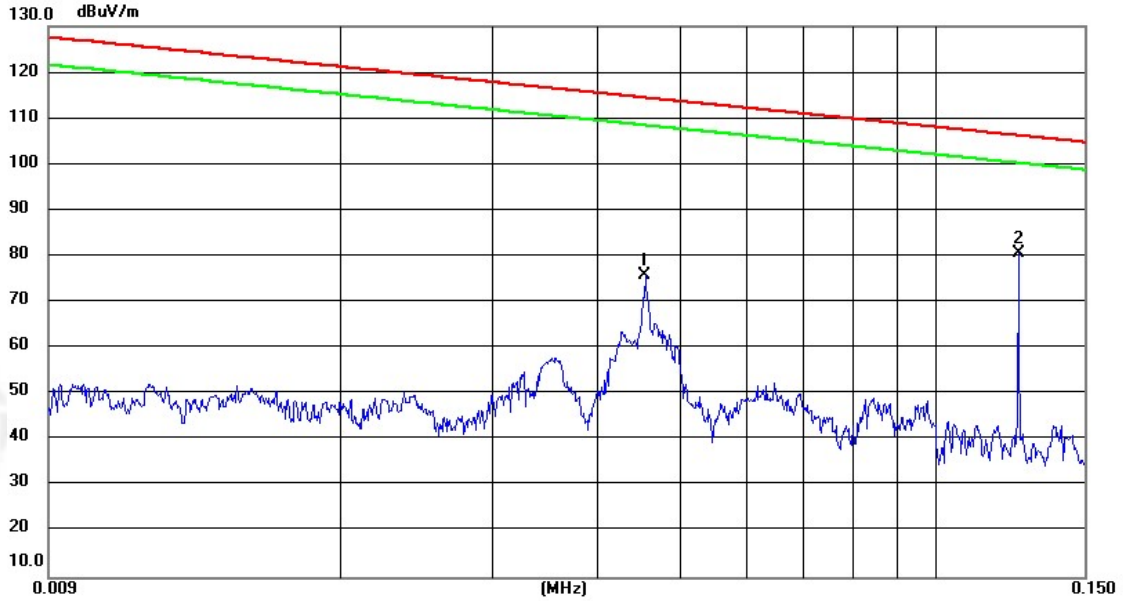
Measurement data:

Note: Limit dBuV/m @3m = Limit dBuV/m @300m+ 80

Limit dBuV/m @3m = Limit dBuV/m @30m + 40

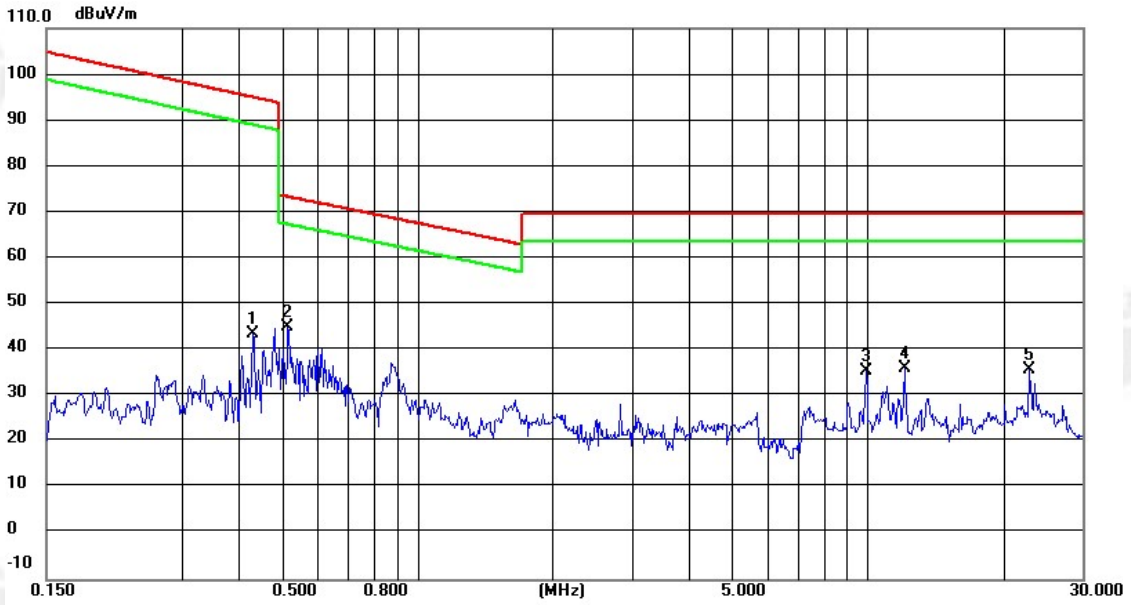
9 kHz~30 MHz

Temperature:	26℃	Relative Humidity:	54%
Pressure:	101kPa	Pol.	Coplanar
Test Voltage :	AC120V/60Hz	Mode:	Mode 1



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	0.0454	50.01	25.70	75.71	114.47	-38.76	QP
2 *	0.1252	59.21	21.57	80.78	106.26	-25.48	QP

Temperature:	26℃	Relative Humidity:	54%
Pressure:	101kPa	Pol.	Coplanar
Test Voltage :	AC120V/60Hz	Mode:	Mode 1

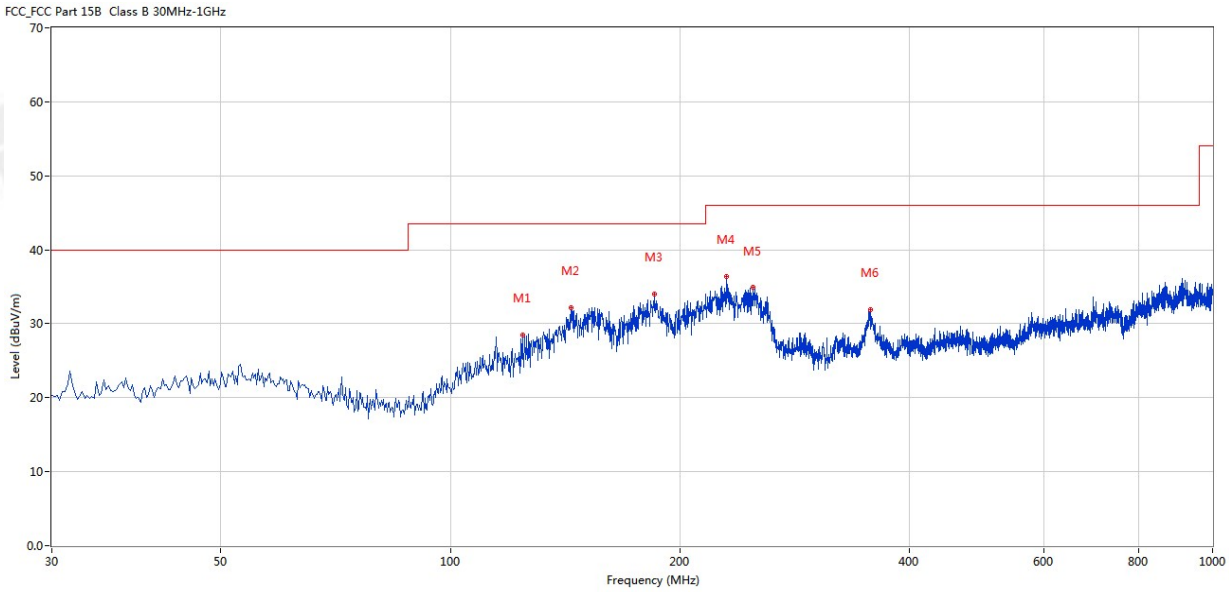


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	0.4304	22.63	21.01	43.64	95.00	-51.36	QP
2 *	0.5151	24.24	20.89	45.13	73.37	-28.24	QP
3	9.9130	11.21	24.36	35.57	69.54	-33.97	QP
4	12.0600	11.60	24.53	36.13	69.54	-33.41	QP
5	22.7755	10.93	24.83	35.76	69.54	-33.78	QP

Note:
Pre-scan the data of both directions, and the report will only display the data of the worst mode.
Factor = antenna factor + cable loss – pre-amplifier.
Margin = Emission Level- Limit.

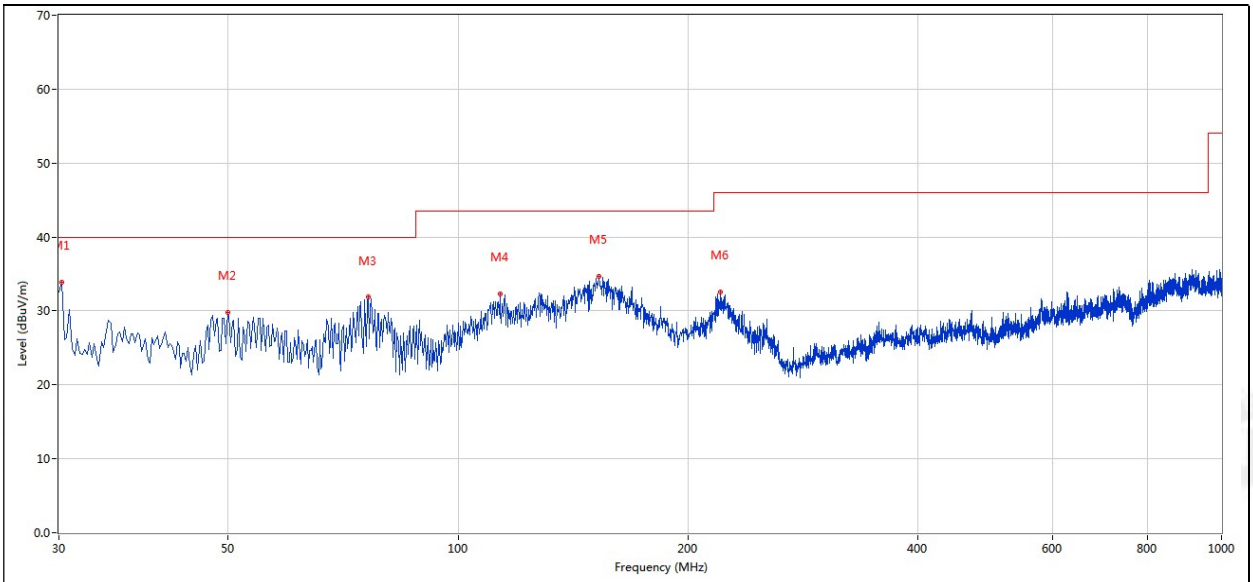
30MHz-1GHz:

Temperature:	26℃	Relative Humidity:	54%
Pressure:	101 kPa	Polarization:	Horizontal
Test Voltage:	AC120V/60Hz	Mode:	Model 1



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Antenna	Verdict
1	124.309	28.48	-11.45	43.5	15.02	Peak	Horizontal	Pass
2	144.189	32.13	-12.93	43.5	11.37	Peak	Horizontal	Pass
3	185.404	34.01	-10.59	43.5	9.49	Peak	Horizontal	Pass
4	230.012	36.40	-8.94	46.0	9.60	Peak	Horizontal	Pass
5	249.408	34.87	-8.66	46.0	11.13	Peak	Horizontal	Pass
6	355.354	31.96	-4.78	46.0	14.04	Peak	Horizontal	Pass

Temperature:	26℃	Relative Humidity:	54%
Pressure:	101 kPa	Polarization:	Vertical
Test Voltage:	AC120V/60Hz	Mode:	Model 1



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Antenna	Verdict
1	30.242	33.86	-10.46	40.0	6.14	Peak	Vertical	Pass
2	49.880	29.75	-8.79	40.0	10.25	Peak	Vertical	Pass
3	76.306	31.84	-12.63	40.0	8.16	Peak	Vertical	Pass
4	113.399	32.31	-10.07	43.5	11.19	Peak	Vertical	Pass
5	152.917	34.64	-12.87	43.5	8.86	Peak	Vertical	Pass
6	220.557	32.62	-9.61	46.0	13.38	Peak	Vertical	Pass

Remarks:
1.Final Level =Receiver Read level + 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. TEST PHOTOGRAPHS AND EUT PHOTOGRAPHS

Please the attachment for details.

----------The end----------