

FCC Test Report

Applicant : Shenzhen Black Snail Technology Co., Ltd.

Address : Rm 709, 7F, Bldg 5, Jianjin Industrial Park,
Fukang Community, Longhua St, Longhua
Dist, Shenzhen China

Product Name : Wireless Charger

Report Date : Oct. 23, 2024

Shenzhen Anbotek Compliance Laboratory Limited



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TEST REPORT

Applicant : Shenzhen Black Snail Technology Co., Ltd.
Manufacturer : Mangrove Technology (Shenzhen) Co., Ltd
Product Name : Wireless Charger
Model No. : Cyber009
Trade Mark : NANAMI
Input: 5V= 3A, 9V= 3A, 12V= 2.5A
Rating(s) : Output for Mobile Phone: 5W/7.5W/10W/15W Max
Output for Earphone: 5W Max
Output for Watch: 5W Max

Test Standard(s) : FCC Part15 Subpart C

Test Method(s) : ANSI C63.10: 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 the FCC Part 15 Subpart C 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

Aug. 15, 2024

Date of Test

Aug. 15, 2024 to Oct. 17, 2024

Prepared By

Cecilia Chen

(Cecilia Chen)

Approved & Authorized Signer

KingKong Jin

(KingKong Jin)



Revision History

Report Version	Description	Issued Date
R00	Original Issue.	Oct. 23, 2024



1. General Information

1.1. Client Information

Applicant	:	Shenzhen Black Snail Technology Co., Ltd.
Address	:	Rm 709, 7F, Bldg 5, Jianjin Industrial Park, Fukang Community, Longhua St, Longhua Dist, Shenzhen China
Manufacturer	:	Mangrove Technology (Shenzhen) Co.,Ltd
Address	:	4 Floor, B Building, Huamingcheng Industry Park, Matian Street, Guangming District, Shenzhen city, Guangdong province, China
Factory	:	Mangrove Technology (Shenzhen) Co.,Ltd
Address	:	4 Floor, B Building, Huamingcheng Industry Park, Matian Street, Guangming District, Shenzhen city, Guangdong province, China

1.2. Description of Device (EUT)

Product Name	:	Wireless Charger
Model No.	:	Cyber009
Trade Mark	:	NANAMI
Test Power Supply	:	AC 120V/60Hz for Adapter
Test Sample No.	:	1-2-1(Normal Sample), 1-2-2(Engineering Sample)
Adapter	:	Manufacturer: Shenzhen ABP Technology Co.,Ltd. Model: PD0302UC-0301 Input: 100-240V~, 50/60Hz, 0.8A Max. Output: 5.0V== 3.0A, 9.0V== 3.0A, 12.0V== 2.5A, 15.0V== 2.0A, 20.0V== 1.5A (30.0W Max.)
RF Specification		
Operation Frequency	:	Mobile Phone: 112-360kHz Earphone: 112-205kHz Watch: 1.778MHz
Modulation Type	:	ASK
Antenna Type	:	Inductive loop coil Antenna
Remark: 1) All of the RF specification are provided by customer. 2) 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.
Wireless Charging Load	BAECOAR	/	/
Wireless Charging Load	BAECOAR	/	/
Full-function watch wireless charging test stand	Shenzhen Hancai Microelectronics Co., Ltd.	HC-RX-20231001	/



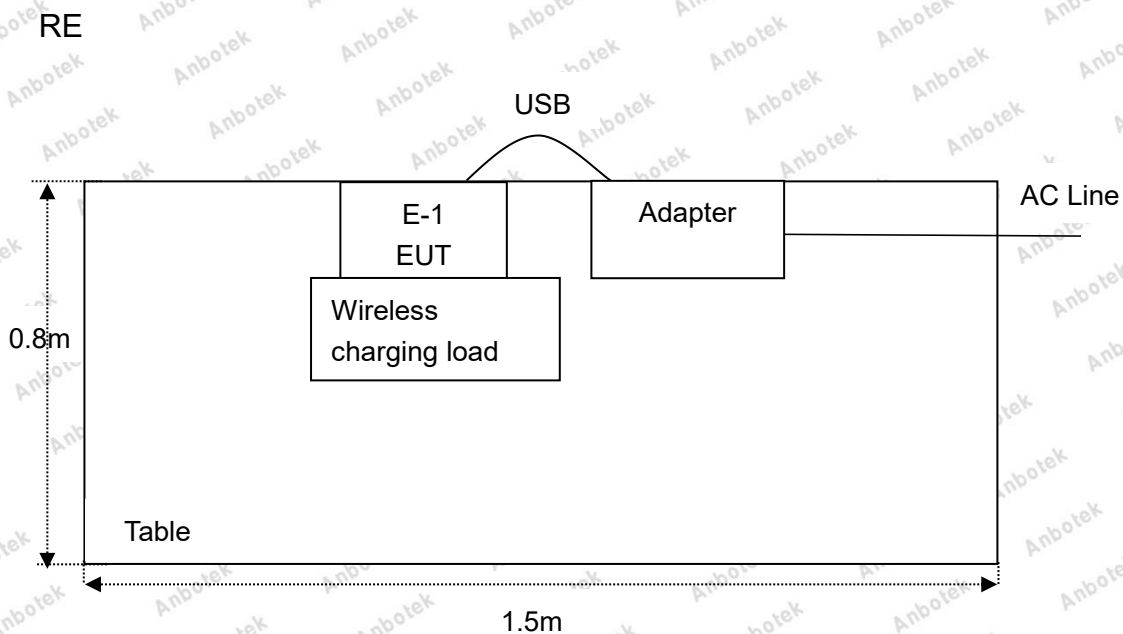
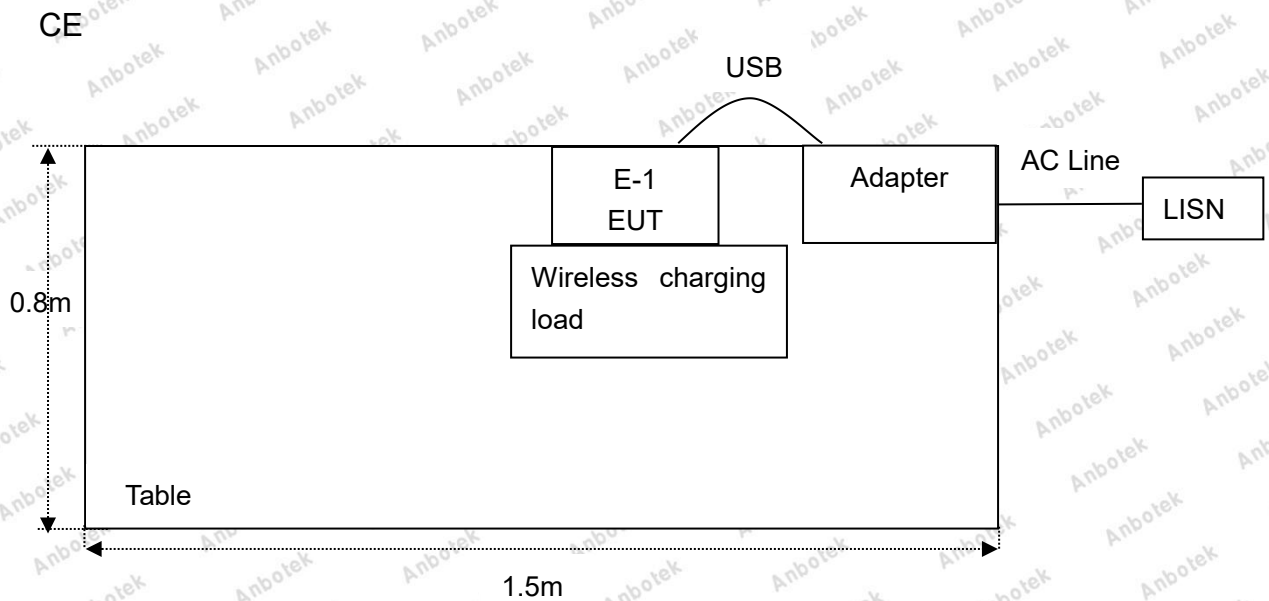
1.4. Description of Test Modes

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

Pretest Modes	Descriptions
TM1	Adapter+WPT Mode (Mobile Phone (load 15W)+Watch (load 5W)+Earphone (load 5W))
TM2	Adapter+WPT Mode (Mobile Phone (load 10W)+Watch (load 5W)+Earphone (load 5W))
TM3	Adapter+WPT Mode (Mobile Phone (load 7.5W)+Watch (load 5W)+Earphone (load 5W))
TM4	Adapter+WPT Mode (Mobile Phone (load 5W)+Watch (load 5W)+Earphone (load 5W))
TM5	Adapter+WPT Mode (Mobile Phone (load 15W)+Watch (load 5W))
TM6	Adapter+WPT Mode (Mobile Phone (load 10W)+Watch (load 5W))
TM7	Adapter+WPT Mode (Mobile Phone (load 7.5W)+Watch (load 5W))
TM8	Adapter+WPT Mode (Mobile Phone (load 5W)+Watch (load 5W))
TM9	Adapter+WPT Mode (Mobile Phone (load 15W)+Earphone (load 5W))
TM10	Adapter+WPT Mode (Mobile Phone (load 10W)+Earphone (load 5W))
TM11	Adapter+WPT Mode (Mobile Phone (load 7.5W)+Earphone (load 5W))
TM12	Adapter+WPT Mode (Mobile Phone (load 5W)+Earphone (load 5W))
TM13	Adapter+WPT Mode (Watch (load 5W)+Earphone (load 5W))
TM14	Adapter+WPT Mode (Mobile Phone (load 15W))
TM15	Adapter+WPT Mode (Mobile Phone (load 10W))
TM16	Adapter+WPT Mode (Mobile Phone (load 7.5W))
TM17	Adapter+WPT Mode (Mobile Phone (load 5W))
TM18	Adapter+WPT Mode (Watch (load 5W))
TM19	Adapter+WPT Mode (Earphone (load 5W))
TM20	Standby Mode
Note: 1%, 50%, and 99% load cases were pre-tested for all modes, but we only recorded the worst case(TM1: Adapter+WPT Mode (Mobile Phone (load 15W) 1%+Watch (load 5W) 1%+Earphone (load 5W) 1%)) in this report.	



1.5. Description Of Test Setup



1.6. Test Equipment List

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	L.I.S.N. Artificial Mains Network	Rohde & Schwarz	ENV216	100055	Jan. 18, 2024	1 Year
2.	Three Phase V-type Artificial Power Network	CYBERTEK	EM5040DT	E215040DT00 1	Jan. 18, 2024	1 Year
3.	EMI Test Receiver	Rohde & Schwarz	ESCI	100627	Jan. 17, 2024	1 Year
4.	EMI Test Receiver	Rohde & Schwarz	ESR26	101481	Jan. 23, 2024	1 Year
5.	MXA Spectrum Analysis	Agilent	N9020A	MY51170037	Sept. 09, 2024	1 Year
6.	EMI Preamplifier	SKET Electronic	LNPA-0118G -45	SKET-PA-002	Jan. 17, 2024	1 Year
7.	Double Ridged Horn Antenna	SCHWARZBECK	BBHA 9120D	02555	Oct. 16, 2022	3 Year
8.	Bilog Broadband Antenna	Schwarzbeck	VULB9163	345	Oct. 23, 2022	3 Year
9.	Loop Antenna	Schwarzbeck	FMZB1519B	00053	Sept. 12, 2024	1 Year
10.	Horn Antenna	A-INFO	LB-180400- KF	J211060628	Jan. 22, 2024	3 Year
11.	Pre-amplifier	SONOMA	310N	186860	Jan. 17, 2024	1 Year
12.	EMI Test Software EZ-EMC	SHURPLE	N/A	N/A	N/A	N/A
13.	MXA Spectrum Analysis	KEYSIGHT	N9020A	MY53280032	Sept. 09, 2024	1 Year
14.	MXG RF Vector Signal Generator	Agilent	N5182A	MY48180656	Feb. 04, 2024	1 Year
15.	Signal Generator	Agilent	E4421B	MY41000743	Oct. 10, 2024	1 Year
16.	DC Power Supply	IVYTECH	IV3605	1804D360510	Sept. 09, 2024	1 Year
17.	Constant Temperature Humidity Chamber	ZHONGJIAN	ZJ-KHWS80 B	N/A	Oct. 14, 2024	1 Year
18.	Spectrum Analyzer	Rohde & Schwarz	FSV40-N	102150	May. 06, 2024	1 Year



1.7. Measurement Uncertainty

Parameter	Uncertainty
Conducted emissions (AMN 150kHz~30MHz)	3.8dB
Occupied Bandwidth	925Hz
Radiated spurious emissions (Below 30MHz)	3.53dB
Radiated spurious emissions (30MHz~1GHz)	Horizontal: 3.92dB; Vertical: 4.52dB
The measurement uncertainty and decision risk evaluated according to AB/WI-RF-F-032. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.	

1.8. 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.

1.9. Disclaimer

1. The test report is invalid if not marked with the signatures of the persons responsible for preparing and approving the test report.
2. The test report is invalid if there is any evidence and/or falsification.
3. The results documented in this report apply only to the tested sample, under the conditions and modes of operation as described herein.
4. This document may not be altered or revised in any way unless done so by Anbotek and all revisions are duly noted in the revisions section.
5. Content of the test report, in part or in full, cannot be used for publicity and/or promotional purposes without prior written approval from the laboratory.
6. The authenticity of the information provided by the customer is the responsibility of the customer and the laboratory is not responsible for its authenticity.

The laboratory is only responsible for the data released by the laboratory, except for the part provided by the applicant.



2. Summary of Test Results

Standard Section	Test Item	Result
15.203	Antenna Requirement	PASS
15.207	Conducted Emission Test	PASS
15.205/15.209	Spurious Emission	PASS
15.215(c)	20dB Occupy Bandwidth	PASS

Note: N/A” denotes test is not applicable in this Test Report



3.1. Test Standard and Limit

3.2. Test Setup



The frequency range from 150kHz to 30MHz is checked.

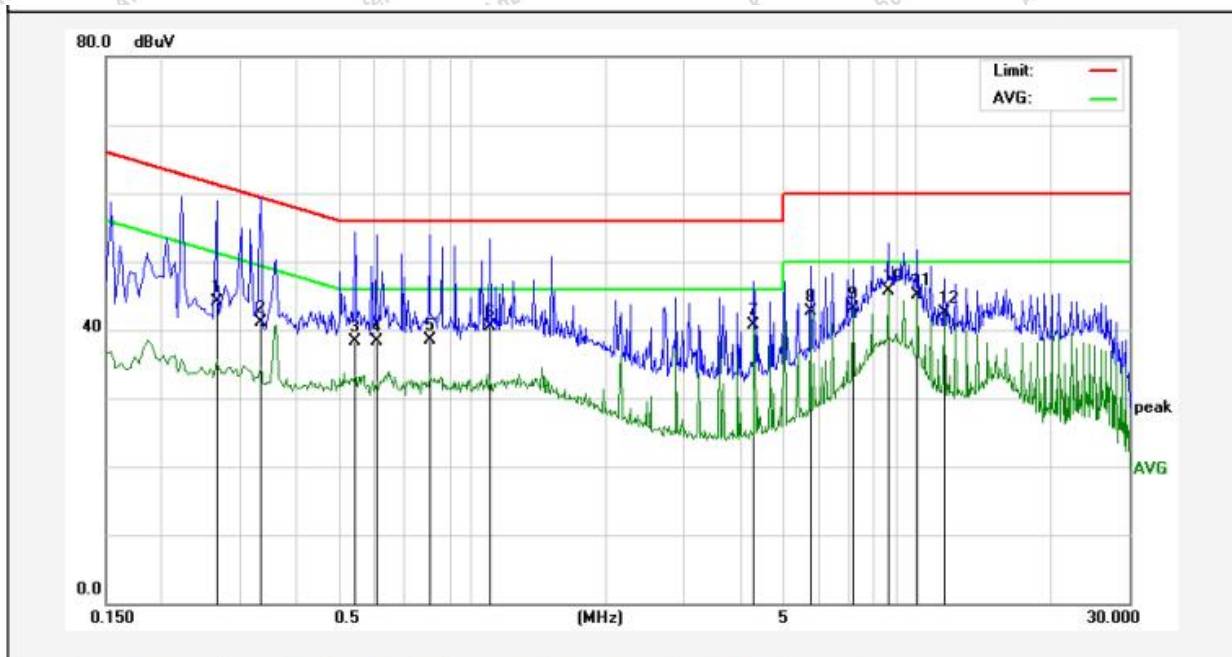
PASS

During the test, pre-scan all modes, only the worst case is recorded in the report. Please to see the following pages.



Conducted Emission Test Data

Test Site: 1# Shielded Room
Operating Condition: TM1
Test Specification: AC 120V/60Hz for Adapter
Comment: Live Line
Temp.(°C)/Hum.(%RH): 23.9°C/50%RH

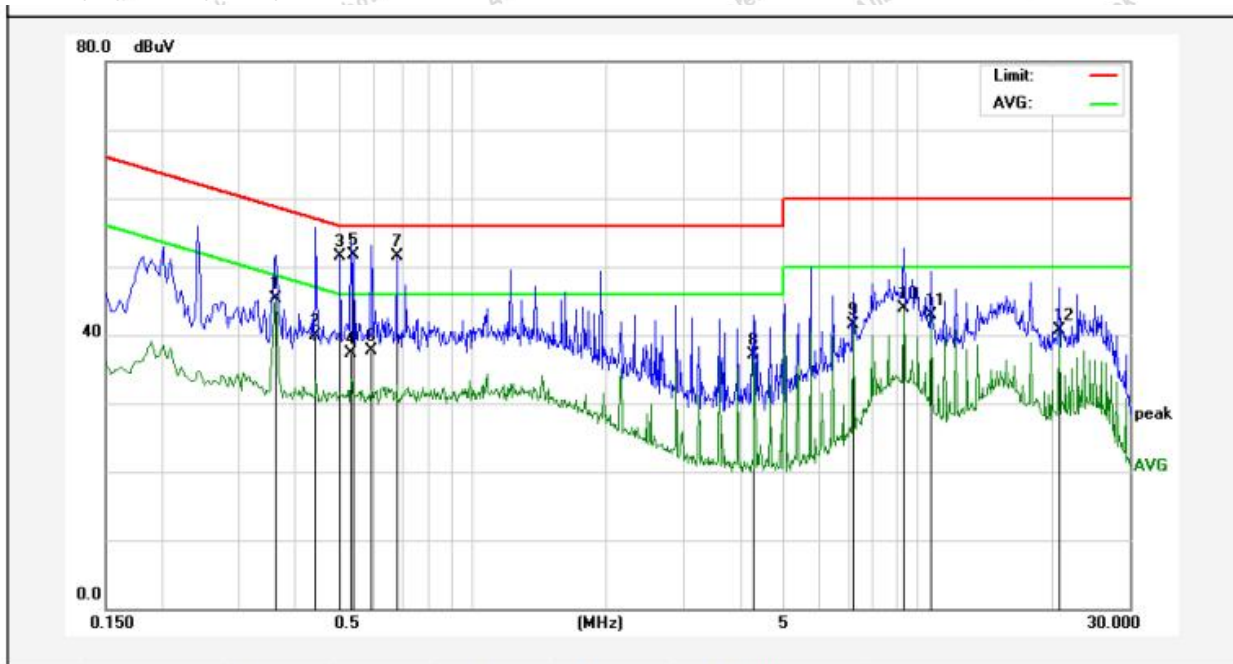


No.	Freq. (MHz)	Reading (dBuV)	Factor (dB)	Result (dBuV)	Limit (dBuV)	Over Limit (dB)	Detector	Remark
1	0.2660	26.18	17.84	44.02	61.24	-17.22	QP	
2	0.3339	23.24	17.83	41.07	59.35	-18.28	QP	
3	0.5460	20.45	17.86	38.31	56.00	-17.69	QP	
4	0.6100	20.37	17.87	38.24	56.00	-17.76	QP	
5	0.8020	20.60	17.87	38.47	56.00	-17.53	QP	
6	1.0980	22.60	17.86	40.46	56.00	-15.54	QP	
7	4.3140	22.86	17.85	40.71	46.00	-5.29	AVG	
8	5.7540	24.78	17.88	42.66	50.00	-7.34	AVG	
9	7.1900	25.27	17.90	43.17	50.00	-6.83	AVG	
10	8.6300	27.75	17.94	45.69	50.00	-4.31	AVG	
11	10.0659	27.06	17.97	45.03	50.00	-4.97	AVG	
12	11.5060	24.43	18.02	42.45	50.00	-7.55	AVG	



Conducted Emission Test Data

Test Site: 1# Shielded Room
Operating Condition: TM1
Test Specification: AC 120V/60Hz for Adapter
Comment: Neutral Line
Temp.(°C)/Hum.(%RH): 23.9°C/50%RH



No.	Freq. (MHz)	Reading (dBuV)	Factor (dB)	Result (dBuV)	Limit (dBuV)	Over Limit (dB)	Detector	Remark
1	0.3620	27.49	17.82	45.31	48.68	-3.37	AVG	
2	0.4460	22.03	17.83	39.86	56.95	-17.09	QP	
3	0.5060	33.71	17.86	51.57	56.00	-4.43	QP	
4	0.5340	19.41	17.86	37.27	56.00	-18.73	QP	
5	0.5420	33.87	17.86	51.73	56.00	-4.27	QP	
6	0.5940	19.91	17.86	37.77	56.00	-18.23	QP	
7	0.6780	33.69	17.87	51.56	56.00	-4.44	QP	
8	4.3140	19.27	17.85	37.12	46.00	-8.88	AVG	
9	7.1900	23.57	17.90	41.47	50.00	-8.53	AVG	
10	9.3500	25.89	17.96	43.85	50.00	-6.15	AVG	
11	10.7860	25.00	18.00	43.00	50.00	-7.00	AVG	
12	20.8540	22.46	18.31	40.77	50.00	-9.23	AVG	



4. Radiation Spurious Emission Test

4.1. Test Standard and Limit

Test Standard	FCC Part15 C Section 15.209 and 15.205				
Test Limit	Frequency (MHz)	Field strength (microvolt/meter)	Limit (dBuV/m)	Remark	Measurement distance (m)
	0.009MHz~0.490MHz	2400/F(kHz)	-	-	300
	0.490MHz-1.705MHz	24000/F(kHz)	-	-	30
	1.705MHz-30MHz	30	-	-	30
	30MHz~88MHz	100	40.0	Quasi-peak	3
	88MHz~216MHz	150	43.5	Quasi-peak	3
	216MHz~960MHz	200	46.0	Quasi-peak	3
	960MHz~1000MHz	500	54.0	Quasi-peak	3
	Above 1000MHz	500	54.0	Average	3
		-	74.0	Peak	3

Remark:

(1)The lower limit shall apply at the transition frequency.

(2) 15.35(b), Unless otherwise specified, the limit on peak radio frequency emissions is 20dB above the maximum permitted average emission limit applicable to the equipment under test. This peak limit applies to the total peak emission level radiated by the device.

4.2. Test Setup

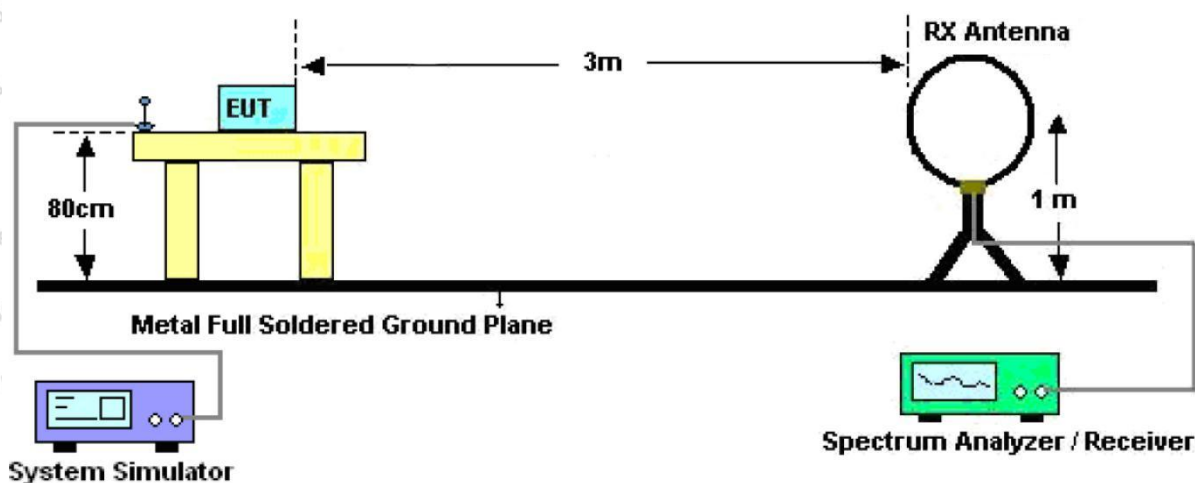


Figure 1. Below 30MHz



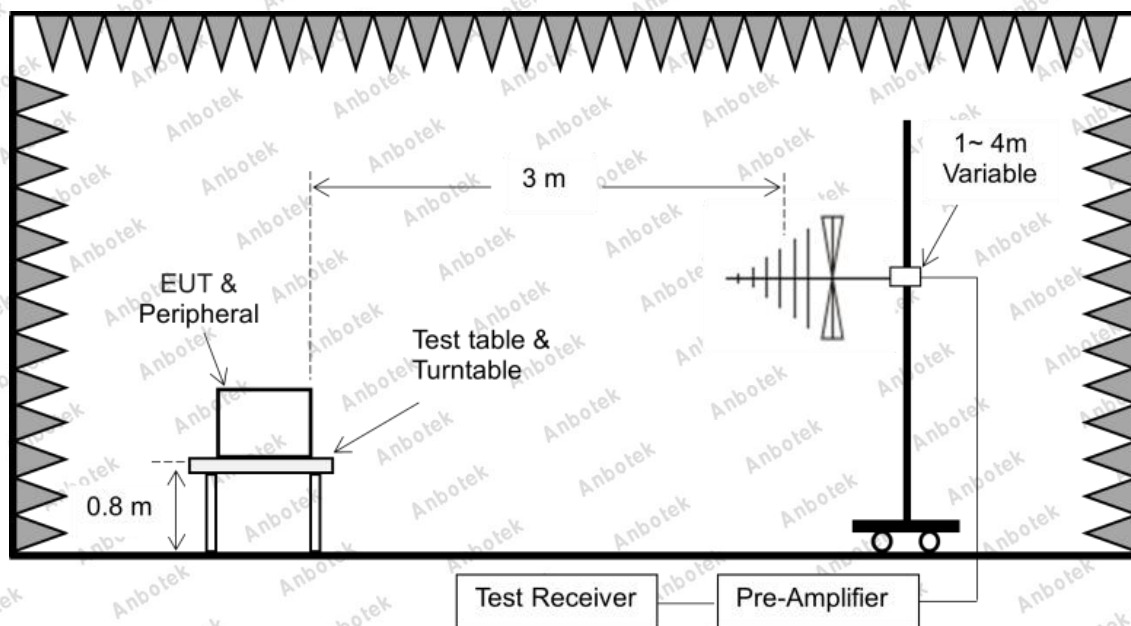


Figure 2. 30MHz to 1GHz

4.3. Test Procedure

For below 1GHz: The EUT is placed on a turntable, which is 0.8m above the ground plane.

The turn table can rotate 360 degrees to determine the position of the maximum emission level. The EUT is set 3 meters away from the receiving antenna which is mounted on a antenna tower. The antenna can be moved up and down from 1 to 4 meters to find out the maximum emission level. Rotated the EUT through three orthogonal axes to determine the maximum emissions, both horizontal and vertical polarization of the antenna are set on test. The EUT is tested in 9*6*6 Chamber. The device is evaluated in xyz orientation.

For 9kHz to 150kHz, Set the spectrum analyzer as:

RBW = 200Hz, VBW = 1kHz, Detector= Quasi-Peak, Trace mode= Max hold, Sweep- auto couple.

For 150kHz to 30MHz, Set the spectrum analyzer as:

RBW = 9KHz, VBW = 30kHz, Detector= Quasi-Peak, Trace mode= Max hold, Sweep- auto couple.

For 30MHz to 1000MHz, Set the spectrum analyzer as:

RBW = 100kHz, VBW = 300kHz, Detector= Quasi-Peak, Trace mode= Max hold, Sweep- auto couple.

4.4. Test Data

PASS

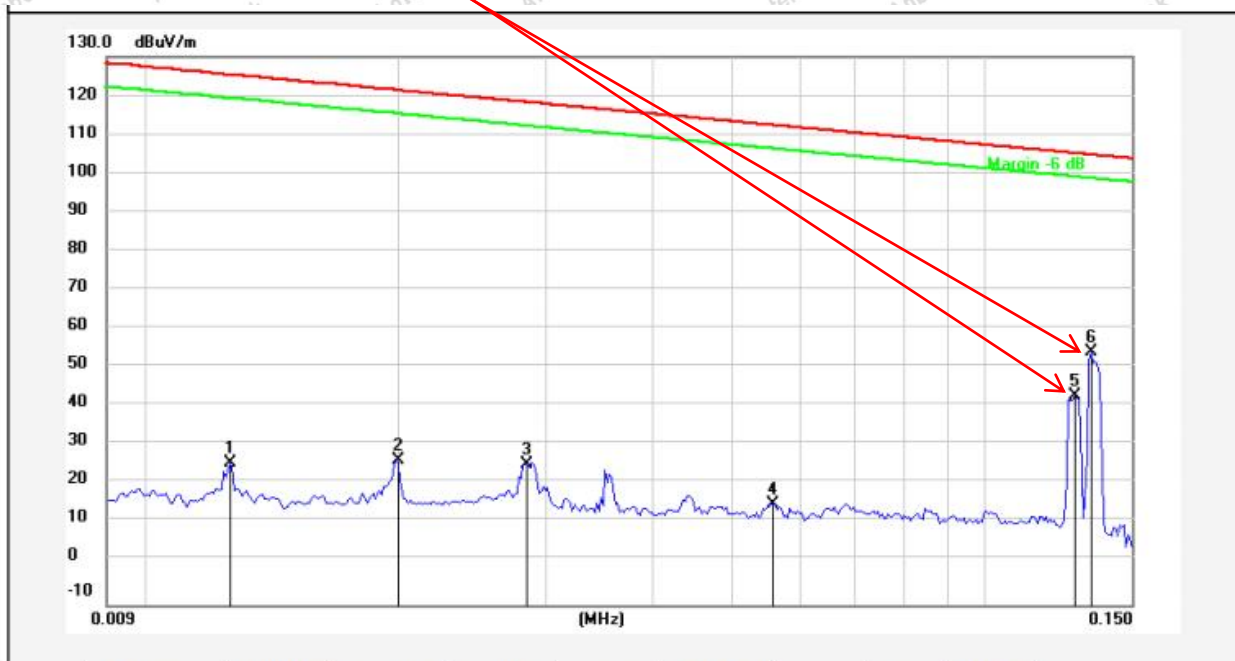
During the test, pre-scan all modes, only the worst case is recorded in the report.

Please to see the following pages.



Test Results (Between 9KHz – 150KHz)

Test Mode: TM1
Distance: 3m
Power Source: AC 120V/60Hz for Adapter
Polarization: Coplane
Temp.(°C)/Hum.(%RH): 23.5°C/49%RH
Fundamental

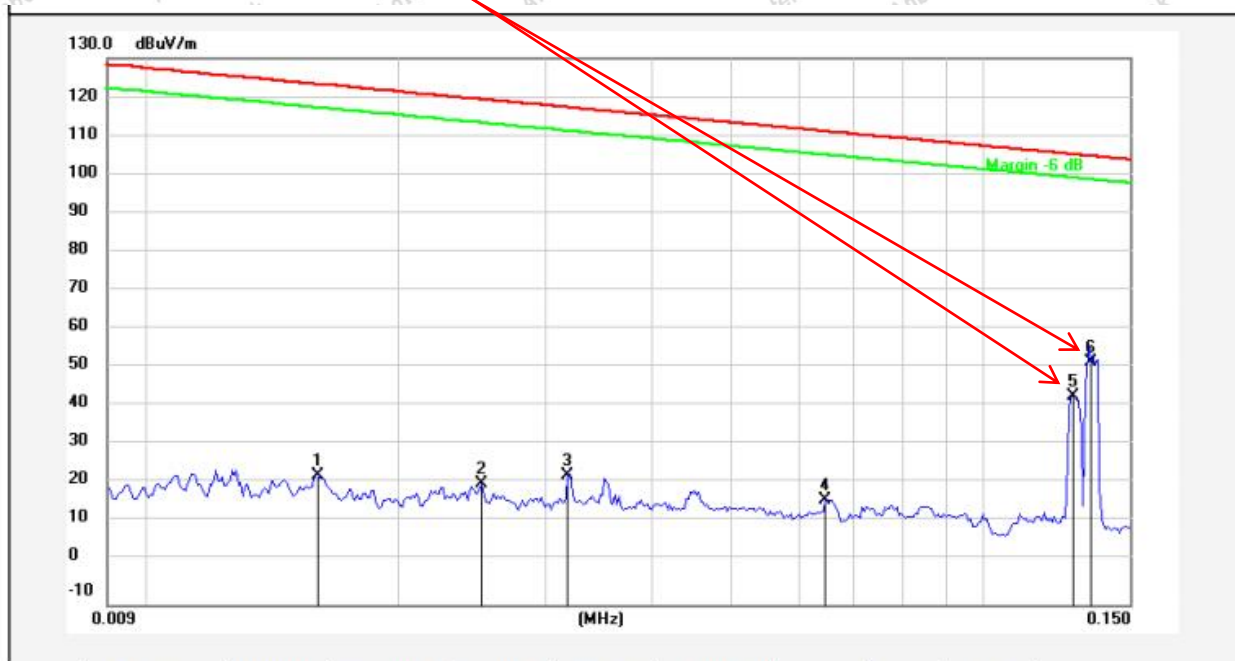


No.	Freq. (MHz)	Reading (dBuV)	Factor ()	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Height (cm)	degree (deg)	Remark
1	0.0126	6.26	20.14	26.40	125.40	-99.00	peak			
2	0.0200	6.62	20.29	26.91	121.41	-94.50	peak			
3	0.0284	5.51	20.40	25.91	118.39	-92.48	peak			
4	0.0560	-4.47	20.35	15.88	112.52	-96.64	peak			
5	0.1280	23.02	20.34	43.36	105.39	-62.03	peak			
6	0.1340	34.36	20.34	54.70	104.99	-50.29	peak			



Test Results (Between 9KHz – 150KHz)

Test Mode: TM1
Distance: 3m
Power Source: AC 120V/60Hz for Adapter
Polarization: Coaxial
Temp.(°C)/Hum.(%RH): 23.5°C/49%RH
Fundamental

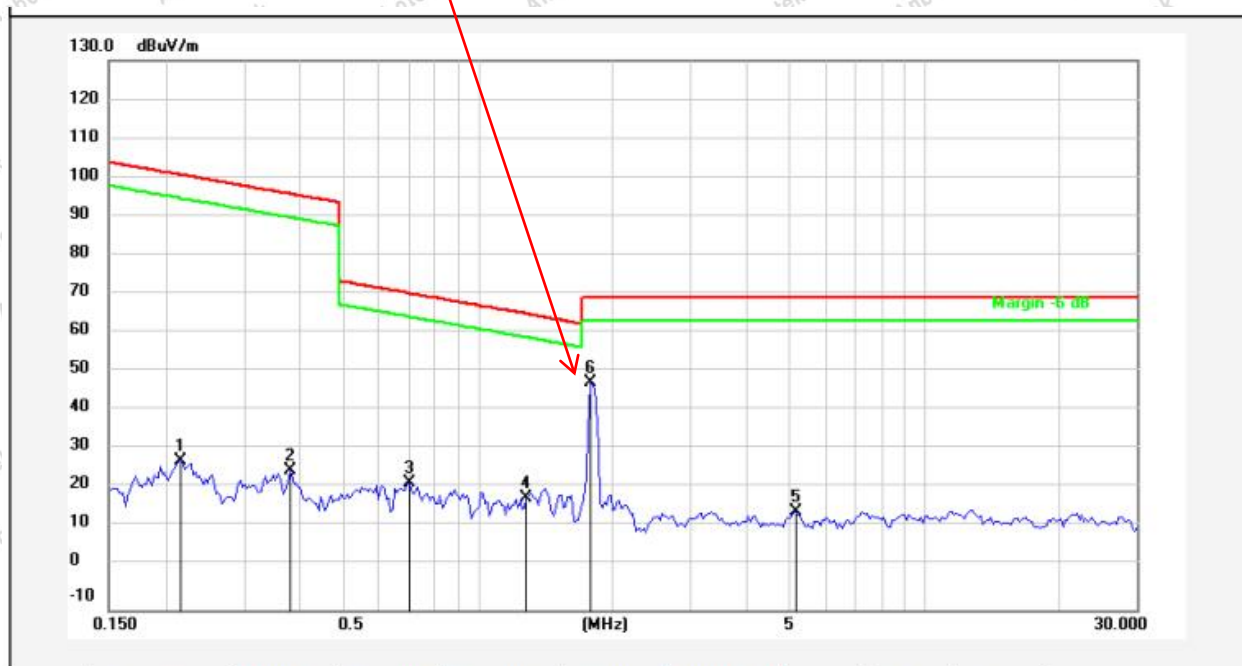


No.	Freq. (MHz)	Reading (dBuV)	Factor ()	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Height (cm)	degree (deg)	Remark
1	0.0160	2.95	20.30	23.25	123.34	-100.09	peak			
2	0.0252	0.56	20.38	20.94	119.42	-98.48	peak			
3	0.0318	2.69	20.56	23.25	117.41	-94.16	peak			
4	0.0646	-3.56	20.38	16.82	111.29	-94.47	peak			
5	0.1280	22.89	20.34	43.23	105.39	-62.16	peak			
6	0.1340	31.86	20.34	52.20	104.96	-52.76	peak			



Test Results (Between 0.15MHz – 30MHz)

Test Mode: TM1
Distance: 3m
Power Source: AC 120V/60Hz for Adapter
Polarization: Coplane
Temp.(°C)/Hum.(%RH): 23.5°C/49%RH
Fundamental

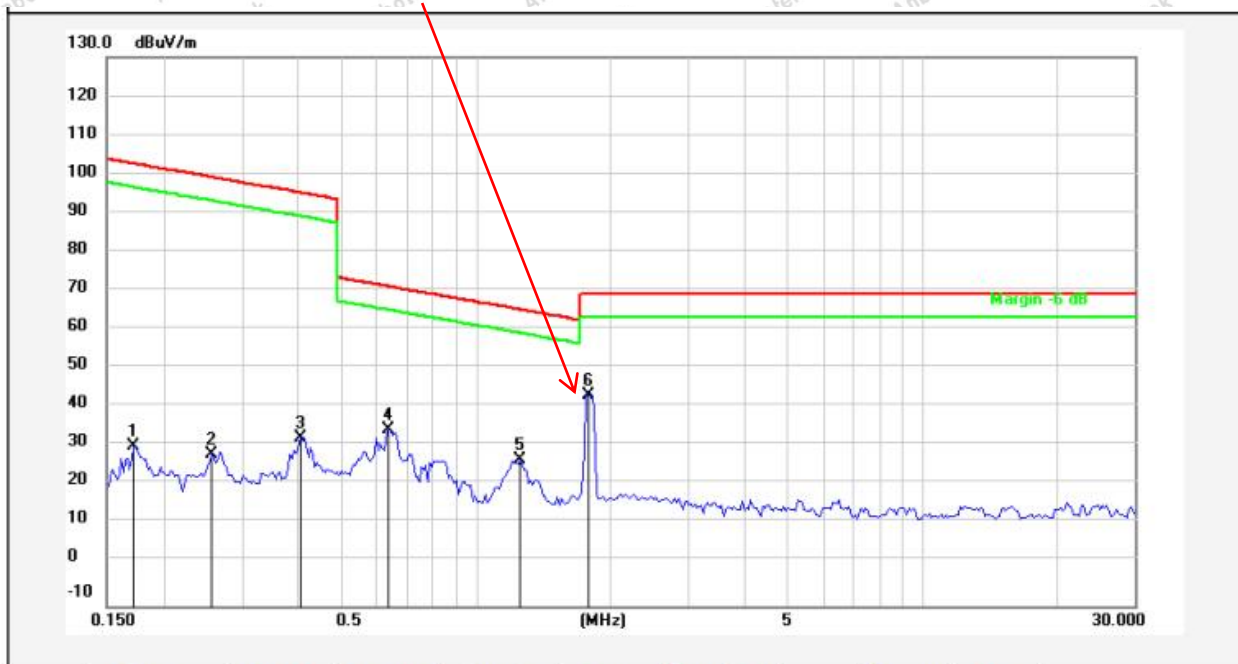


No.	Freq. (MHz)	Reading (dBuV)	Factor ()	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Height (cm)	degree (deg)	Remark
1	0.2151	7.77	20.30	28.07	100.91	-72.84	peak			
2	0.3810	5.18	20.28	25.46	95.97	-70.51	peak			
3	0.7046	1.98	20.25	22.23	70.65	-48.42	QP			
4	1.2882	-1.66	20.26	18.60	65.43	-46.83	QP			
5	5.1660	-5.30	20.40	15.10	69.50	-54.40	QP			
6	1.7780	27.51	20.27	47.78	69.50	-21.72	QP			



Test Results (Between 0.15MHz – 30MHz)

Test Mode: TM1
Distance: 3m
Power Source: AC 120V/60Hz for Adapter
Polarization: Coaxial
Temp.(°C)/Hum.(%RH): 23.5°C/49%RH
Fundamental



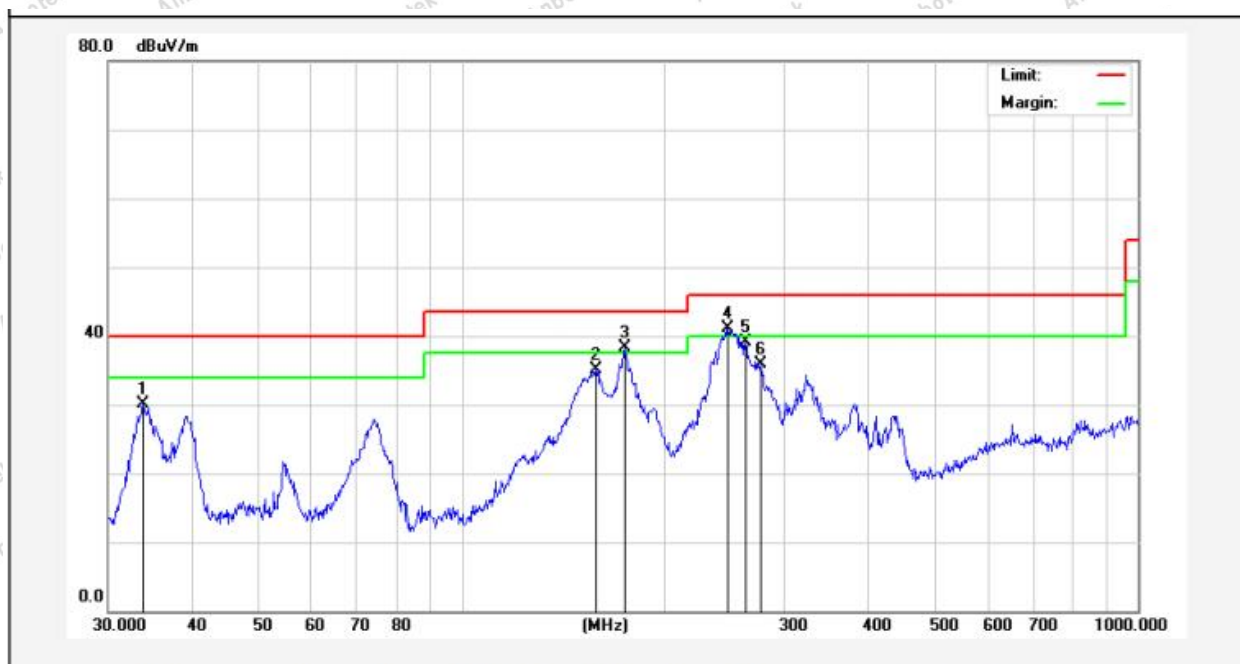
No.	Freq. (MHz)	Reading (dBuV)	Factor ()	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Height (cm)	degree (deg)	Remark
1	0.1720	10.38	20.32	30.70	102.84	-72.14	peak			
2	0.2575	8.51	20.30	28.81	99.35	-70.54	peak			
3	0.4061	12.70	20.28	32.98	95.42	-62.44	peak			
4	0.6401	14.54	20.27	34.81	71.49	-36.68	QP			
5	1.2620	6.89	20.26	27.15	65.61	-38.46	QP			
6	1.7780	23.49	20.27	43.76	69.50	-25.74	QP			

Remark: According to FCC PART 15.209 (d), the emission limits for the frequency bands 9–90 kHz, 110–490 kHz and above 1000 MHz, Radiated emission limits in these three bands are based on measurements employing an average detector.



Test Results (Between 30MHz -1000 MHz)

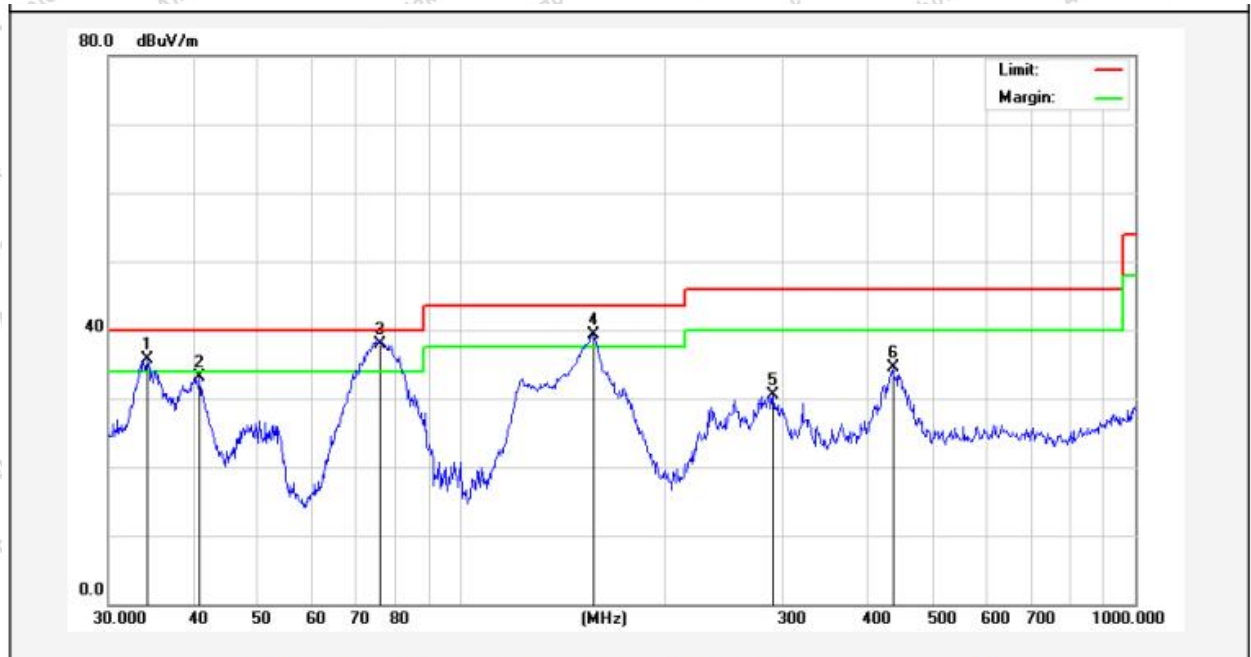
Test Mode: TM1
Distance: 3m
Power Source: AC 120V/60Hz for Adapter
Polarization: Horizontal
Temp.(°C)/Hum.(%RH): 22.6°C/56%RH



No.	Freq. (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Height (cm)	degree (deg)	Remark
1	33.7986	48.46	-18.36	30.10	40.00	-9.90	QP			
2	158.1123	57.19	-21.99	35.20	43.50	-8.30	QP			
3	174.4241	59.42	-21.17	38.25	43.50	-5.25	QP			
4	247.6819	59.21	-18.02	41.19	46.00	-4.81	QP			
5	262.8955	56.53	-17.51	39.02	46.00	-6.98	QP			
6	277.0935	53.01	-17.02	35.99	46.00	-10.01	QP			



Test Mode: TM1
Distance: 3m
Power Source: AC 120V/60Hz for Adapter
Polarization: Vertical
Temp.(°C)/Hum.(%RH): 22.6°C/56%RH



No.	Freq. (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Height (cm)	degree (deg)	Remark
1	34.2760	53.85	-18.20	35.65	40.00	-4.35	QP			
2	40.9881	48.69	-15.66	33.03	40.00	-6.97	QP			
3	75.7742	59.90	-22.05	37.85	40.00	-2.15	QP			
4	157.0074	61.07	-21.78	39.29	43.50	-4.21	QP			
5	290.0172	47.03	-16.59	30.44	46.00	-15.56	QP			
6	437.1199	46.95	-12.48	34.47	46.00	-11.53	QP			

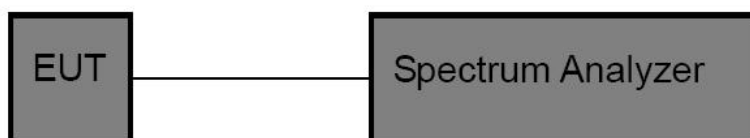


5. 20dB Occupy Bandwidth Test

5.1. Test Standard and Limit

Test Standard	FCC Part15 C Section 15.215(c)
Test Limit	15.215(c): Intentional radiators operating under the alternative provisions to the general emission limits, as contained in §§ 15.217 through 15.257 and in subpart E of this part, must be designed to ensure that the 20 dB bandwidth of the emission, or whatever bandwidth may otherwise be specified in the specific rule section under which the equipment operates, is contained within the frequency band designated in the rule section under which the equipment is operated.

5.2. Test Setup



5.3. Test Procedure

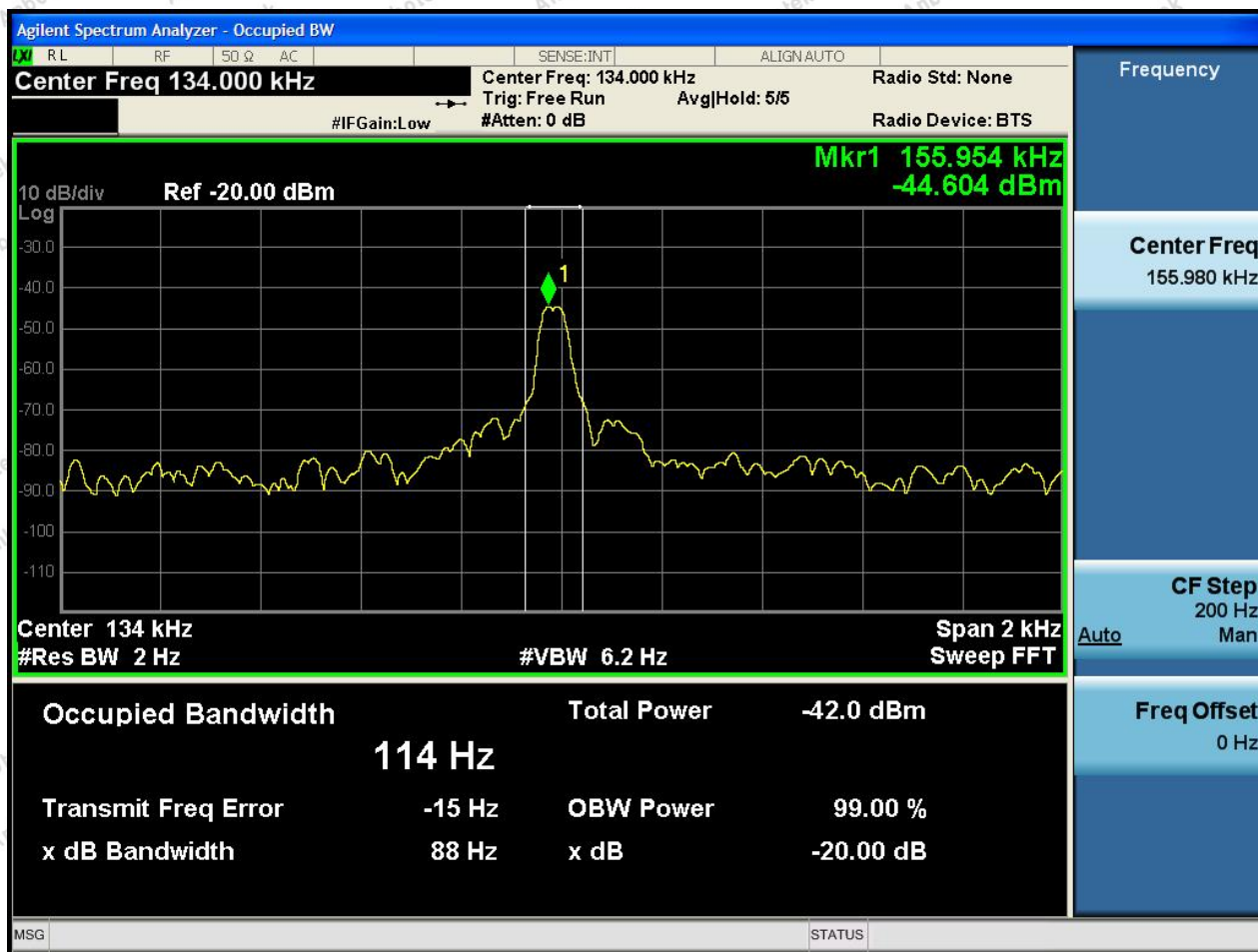
The bandwidth of the fundamental frequency was measured by spectrum analyzer with $RBW=1\%-5\%OBW$, $VBW\geq 3*RBW$.

The 20dB bandwidth is defined as the total spectrum the power of which is higher than peak power minus 20dB.

5.4. Test Data

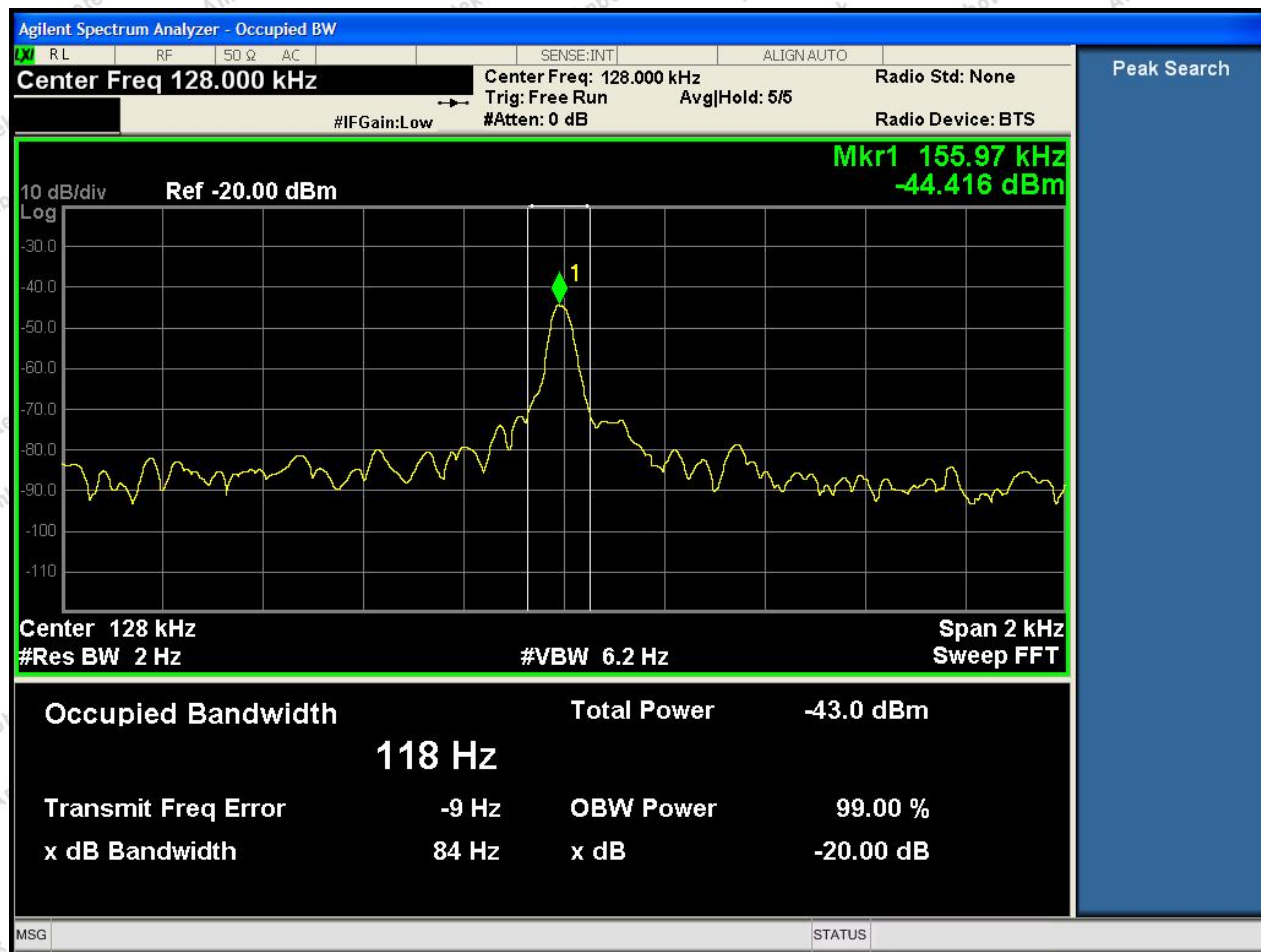


Temperature:	25 °C	Humidity:	52 %	Atmospheric Pressure:	101 kPa
Mobile Phone					
Freq. (MHz)	Bandwidth (kHz)			Results	
0.134	0.088			PASS	



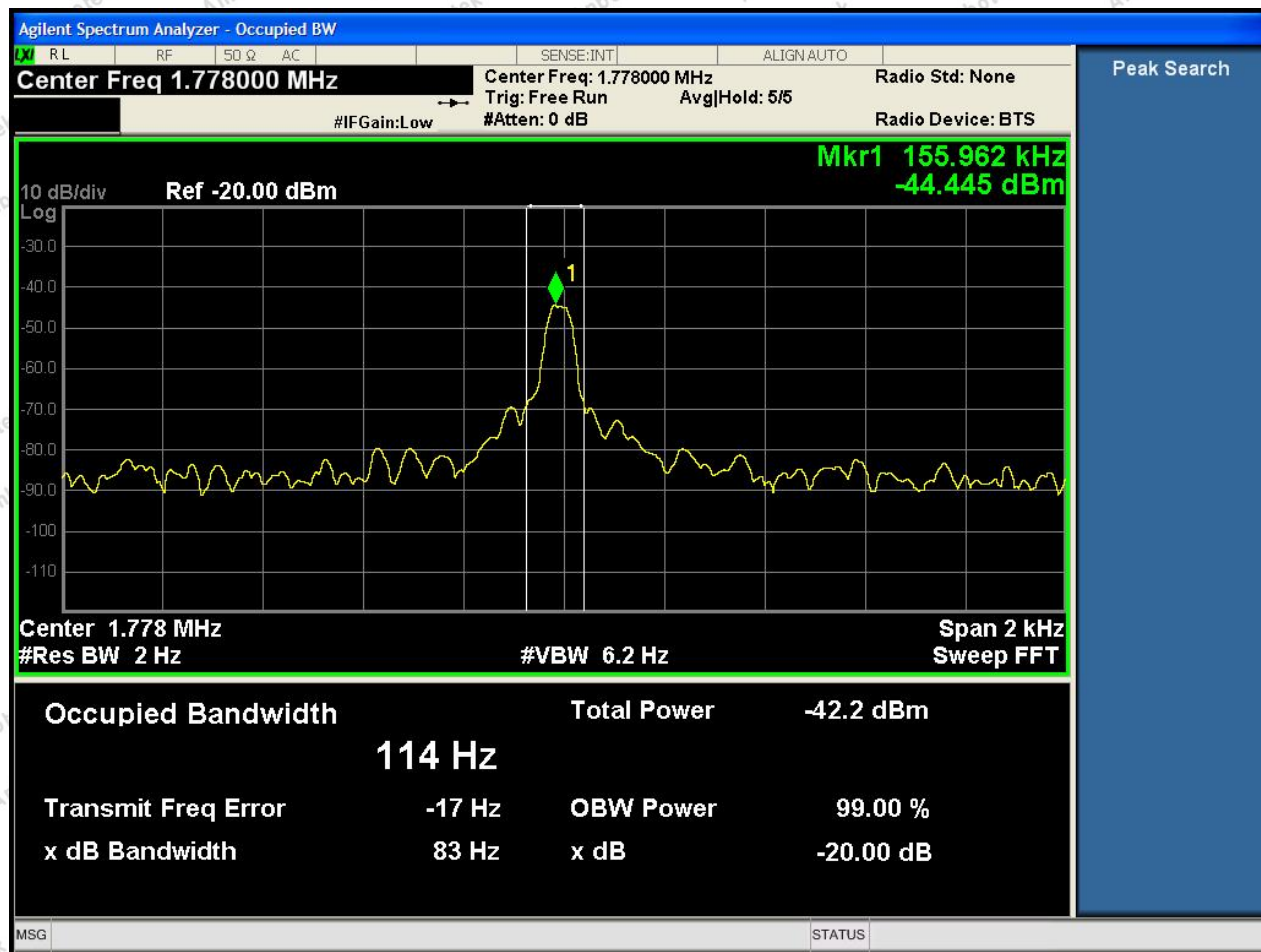
Temperature:	25 °C	Humidity:	52 %	Atmospheric Pressure:	101 kPa
Earphone					

Freq. (MHz)	Bandwidth (kHz)	Results
0.128	0.084	PASS



Temperature:	25 °C	Humidity:	52 %	Atmospheric Pressure:	101 kPa
Watch					

Freq. (MHz)	Bandwidth (kHz)	Results
1.778	0.083	PASS



6. Antenna Requirement

6.1. Test Standard and Requirement

Test Standard	FCC Part15 Section 15.203
Requirement	1) 15.203 requirement: An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

6.2. Antenna Connected Construction

The antenna is a Inductive loop coil Antenna which permanently attached. It complies with the standard requirement.



APPENDIX I -- TEST SETUP PHOTOGRAPH

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

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

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

