



FCC TEST REPORT

FCC ID: 2AP2N-STAND100

On Behalf of

Shenzhen Esorun Technology Co., LTD

6 in 1 MagSafe Charging Station

Model No.: Stand100

Prepared for : Shenzhen Esorun Technology Co., LTD
Address : Room 226, Building A, B, C, Zone B, Yuanfen Industrial Zone, Taoyuan
Community, Dalang Street, Longhua District, Shenzhen

Prepared By : Shenzhen PSI Testing Co., Ltd.
Address : 1-2/F., Building 5, Yudafu Industrial Park, No.10, Xingye West Road,
Shajing Subdistrict, Bao'an District, Shenzhen, Guangdong, China

Report Number : psi2501003-C01-R06
Date of Receipt : January 2, 2025
Date of Test : January 3, 2025-January 17, 2025
Date of Report : February 6, 2025
Version Number : V0

TABLE OF CONTENTS

	<u>Description</u>	<u>Page</u>
1.	Test Result Summary	5
2.	General Information	6
	2.1. DESCRIPTION OF DEVICE (EUT)	6
	2.2. ACCESSORIES OF DEVICE (EUT)	7
	2.3. TESTED SUPPORTING SYSTEM DETAILS	7
	2.4. BLOCK DIAGRAM OF CONNECTION BETWEEN EUT AND SIMULATORS	7
	2.5. DESCRIPTION OF TEST MODES	8
	2.6. TEST CONDITIONS	9
	2.7. TEST FACILITY	9
	2.8. MEASUREMENT UNCERTAINTY	9
	2.9. TEST EQUIPMENT LIST	10
3.	Test Results and Measurement Data	11
	3.1. CONDUCTED EMISSION	11
	3.2. RADIATED SPURIOUS EMISSION MEASUREMENT	15
	3.3. TEST SPECIFICATION	23
4.	Photos of test setup	27
5.	Photos of EUT	27

TEST REPORT DECLARATION

Applicant : Shenzhen Esorun Technology Co., LTD
Address : Room 226, Building A, B, C, Zone B, Yuanfen Industrial Zone, Taoyuan
Community, Dalang Street, Longhua District, Shenzhen
Manufacturer : Shenzhen Esorun Technology Co., LTD
Address : Room 226, Building A, B, C, Zone B, Yuanfen Industrial Zone, Taoyuan
Community, Dalang Street, Longhua District, Shenzhen
EUT Description : 6 in 1 MagSafe Charging Station
(A) Model No. : Stand100
(B) Trademark : ESORUN

Measurement Standard Used:

FCC CFR Title 47 Part 15 Subpart C, ANSI C63.10:2013

Test Result: PASS

The device described above is tested by Shenzhen PSI Testing Co., Ltd. to determine the maximum emission levels emanating from the device and the severe levels of the device can endure and its performance criterion. The test results are contained in this test report and Shenzhen PSI Testing Co., Ltd. is assumed full responsibility for the accuracy and completeness of test. Also, this report shows that the EUT is technically compliant with the FCC CFR Title 47 Part 15 Subpart C requirements.

This report applies to above tested sample only. This report shall not be reproduced in parts without written approval of Shenzhen PSI Testing Co., Ltd.

Tested by (name + signature).....: Felix Pang
Test Engineer


.....

Approved by (name + signature).....: Simple Guan
Project Manager


.....

Date of issue.....: February 6, 2025

Revision History

Revision	Issue Date	Revisions	Revised By
V0	February 6, 2025	Initial released Issue	Felix Pang

1. Test Result Summary

Requirement	CFR 47 Section	Result
Antenna requirement	§15.203	PASS
AC Power Line Conducted Emission	§15.207	PASS
Spurious Emission	§15.209	PASS
Occupied Bandwidth	§15.215 (c)	PASS

Note:

1. *PASS: Test item meets the requirement.*
2. *Fail: Test item does not meet the requirement.*
3. *N/A: Test case does not apply to the test object.*
4. *The test result judgment is decided by the limit of test standard.*
5. Decision rules for the conclusion of this test report: decision by actual test data without considering measurement uncertainty.

2. General Information

2.1. Description of Device (EUT)

EUT Name	: 6 in 1 MagSafe Charging Station
Model No.	: Stand100
DIFF.	: N/A
Power supply	Type-C Cable Input: 5V $\overline{=}$ 3A, 9V $\overline{=}$ 3A, 12V $\overline{=}$ 3A, 15V $\overline{=}$ 3A, 20V $\overline{=}$ 3.25A(65W Max)
	Type-C1 Input: 5V $\overline{=}$ 3A, 9V $\overline{=}$ 3A, 12V $\overline{=}$ 3A, 15V $\overline{=}$ 3A, 20V $\overline{=}$ 3.25A(65W Max)
	Type-C1 Output: 5V $\overline{=}$ 3A, 9V $\overline{=}$ 3A, 12V $\overline{=}$ 3A, 15V $\overline{=}$ 3A, 20V $\overline{=}$ 5A(100W Max)
	Type-C2 Output: 5V $\overline{=}$ 3A, 9V $\overline{=}$ 2A, 12V $\overline{=}$ 1.5A
	Type-C Cable Output: 5V $\overline{=}$ 3A, 9V $\overline{=}$ 3A, 12V $\overline{=}$ 3A, 15V $\overline{=}$ 3A, 20V $\overline{=}$ 5A(100W Max)
	Wireless Output(Phone): 5W, 7.5W, 10W ,15W
	Wireless Output(earphone): 5W
	Wireless Output(Watch): 2W
	DC 21.9V from battery

Radio Technology	: Wireless power transmission systems
Operation frequency	WPT(Phone): 110-205KHz, 360KHz(MPP)
	WPT(earphone): 110-205KHz
	WPT(Watch): 323KHz
Modulation	: MSK
Antenna Type	: Coil Antenna

Software version	: V1.0
Hardware version	: V2.3
Note	Antenna information is provided by applicant.
	Testing lab is not responsible for the accuracy of the information.

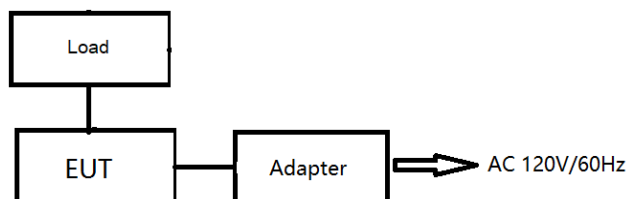
2.2. Accessories of Device (EUT)

Accessories	:	N/A
Manufacturer	:	N/A
Model	:	N/A
specifications	:	N/A

2.3. Tested Supporting System Details

No.	Description	Manufacturer	Model	Serial Number	Certification
1	Adapter	Baseus	CCXFK65CC	N/A	N/A
2	Load	YBZ	YBZ2.1	N/A	N/A
3	Load	YBZ	YBZ2.1	N/A	N/A
4	Load	YBZ	V2.0.1	N/A	N/A
5	USB cable	UGREEN	1M	N/A	N/A

2.4. Block Diagram of connection between EUT and simulators



2.5. Description of Test Modes

Mode	Test mode description
1	C1(In)+Phone Wireless(Out) =65W+15W
2	C1(In) +Airpods Wireless(Out) =65W+5W
3	C1(In)+Apple Watch Wireless(Out) =65W+2W
4	C1(In)+Airpods Wireless(Out)+Apple Watch Wireless(Out)= 65W+5W+2W
※5	C1(In)+Phone Wireless(Out)+Airpods Wireless(Out) +Apple Watch Wireless(Out)=65W+15W+5W+2W
6	C1+Phone Magnet Wireless=65W+15W
7	C1+Phone Magnet Wireless=65W+10W
8	C1+Phone Magnet Wireless=65W+7.5W
9	C1+Phone Magnet Wireless=65W+5W
10	C1+Apple Watch Wireless=65W+2W
11	C1+Airpods Wireless=65W+5W
12	C1+Airpods Wireless+Apple Watch Wireless=65W+5W+2W
13	C1+Phone Magnet Wireless+Airpods Wireless+Apple Watch Wireless =30W+15W+5W+2W
14	C_Cable+Phone Magnet Wireless= 65W+15W
15	C_Cable+Apple Watch Wireless=65W+5W(Max)
16	C_Cable+Airpods Wireless=65W+2W(Max)
17	C_Cable+Airpods Wireless+Apple Watch Wireless =65W+5W+2W
18	C_Cable+Phone Magnet Wireless+Airpods Wireless+Apple Watch Wireless =30W+15W+5W+2W
19	C2+Phone Magnet Wireless=18W+15W
20	C2+Apple Watch Wireless=18W+5W(Max)
21	C2+Airpods Wireless=18W+2W(Max)
22	C1+C_Cable+Phone Magnet Wireless=30W+30W+15W
23	C1+C_Cable+Apple Watch Wireless=65W+30W+2W
24	C1+C_Cable+Airpods Wireless=65W+30W+5W
25	Wireless Output for 3 devices= 15W +5W+2W
26	Phone Magnet Wireless=15W
27	Phone Magnet Wireless=10W
28	Phone Magnet Wireless=7.5W
29	Phone Magnet Wireless=5W
30	No Load

Note: 1. All test modes has been tested, this report only reflected the worst mode.

2.6. Test Conditions

Items	Required	Actual
Temperature range:	15-35°C	26°C
Humidity range:	25-75%	54%
Pressure range:	86-106kPa	101kPa

2.7. Test Facility

Shenzhen PSI Testing Co., Ltd.

1-2/F., Building 5, Yudafu Industrial Park, No.10, Xingye West Road, Shajing Subdistrict, Bao'an District, Shenzhen, Guangdong, China

September 13, 2023 File on Federal Communication Commission

Registration Number: 916281

2.8. Measurement Uncertainty

(95% confidence levels, k=2)

Item	Uncertainty
Uncertainty for Power Line Conducted Emissions Test	2.17dB
Uncertainty for Radiation Emission test in 3m chamber (below 30MHz)	3.5dB
Uncertainty for Radiation Emission test in 3m chamber (30MHz to 1GHz)	2.74dB(Polarize: V)
	2.76dB(Polarize: H)
Uncertainty for Radiation Emission test in 3m chamber (1GHz to 18GHz)	4.29dB(Polarize: V)
	4.82dB(Polarize: H)
Uncertainty for Radiation Emission test in 3m chamber (18GHz to 40GHz)	4.31 dB(Polarize: V)
	4.30 dB(Polarize: H)
Uncertainty for radio frequency	48.24KHz
Uncertainty for conducted RF Power	0.41dB
Occupied Bandwidth	968Hz

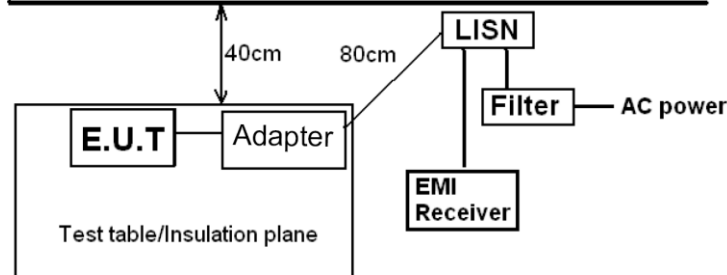
2.9. Test Equipment List

Item	Equipment	Manufacturer	Model No.	Serial No.	Firmware Version	Last Cal.	Cal. Interval
1.	9*6*6 anechoic chamber	SKET	9*6*6	N/A	/	2022.12.20	3 Year
2.	Test Receiver	Rohde&Schwarz	ESCI 7	101032/003	4.42 SP3	2024.12.18	1 Year
3.	L.I.S.N.#1	Rohde&Schwarz	ENV216	102282	/	2024.12.18	1 Year
4.	L.I.S.N.#2	RFT	NNB111	13835240	/	2024.12.18	1 Year
5.	Loop Antenna	Schwarz beck	FMZB 1519B	00128	/	2024.12.25	2 Year
6.	Bilog Antenna	Schwarz beck	VULB 9168	01448	/	2024.12.25	2 Year
7.	Spectrum Analyzer	Rohde&Schwarz	FSV-40N	101648	3.70	2024.12.18	1 Year
8.	Horn Antenna	Schwarz beck	BBHA 9120 D	02706	/	2024.12.25	2 Year
9.	Amplifier	SKET	LAPA_01G1 8G-45dB	SK20220329 01	/	2024.12.18	1 Year
10.	Horn Antenna	Schwarz beck	BBHA 9170	00946	/	2024.12.25	2 Year
11.	Amplifier	SKET	LNPA_0118 G-45	SK20200108 01	/	2024.12.18	1 Year
12.	RF Power Probe	Rohde&Schwarz	NRP-Z11	1138.3004.02 -1111533-Fz	/	2024.12.18	1 Year
13.	RF Sensor Unit	Tachoy	TR1029-2	20220428P0 08	/	2024.12.18	1 Year
14.	Spectrum Analyzer	Agilent	N9020A	MY51281067	A.14.03	2024.12.18	1 Year
15.	Temp. & Humid Chamber	Auchno	9606	/	/	2024.12.18	1 Year
16.	Regulated DC Power Supply	Xinouhua	ADC120V10 A	20221125163 8		2024.12.18	1 Year
For Test Software Information							
Item	Software Name	Manufacturer			Version		
RE	EZ EMC	Farad			PSI-3A1		
CE	EZ EMC	Farad			PSI-3A1		
RF	RTS	TACHOY			V1.0.0		

3. Test Results and Measurement Data

3.1. Conducted Emission

3.1.1. Test Specification

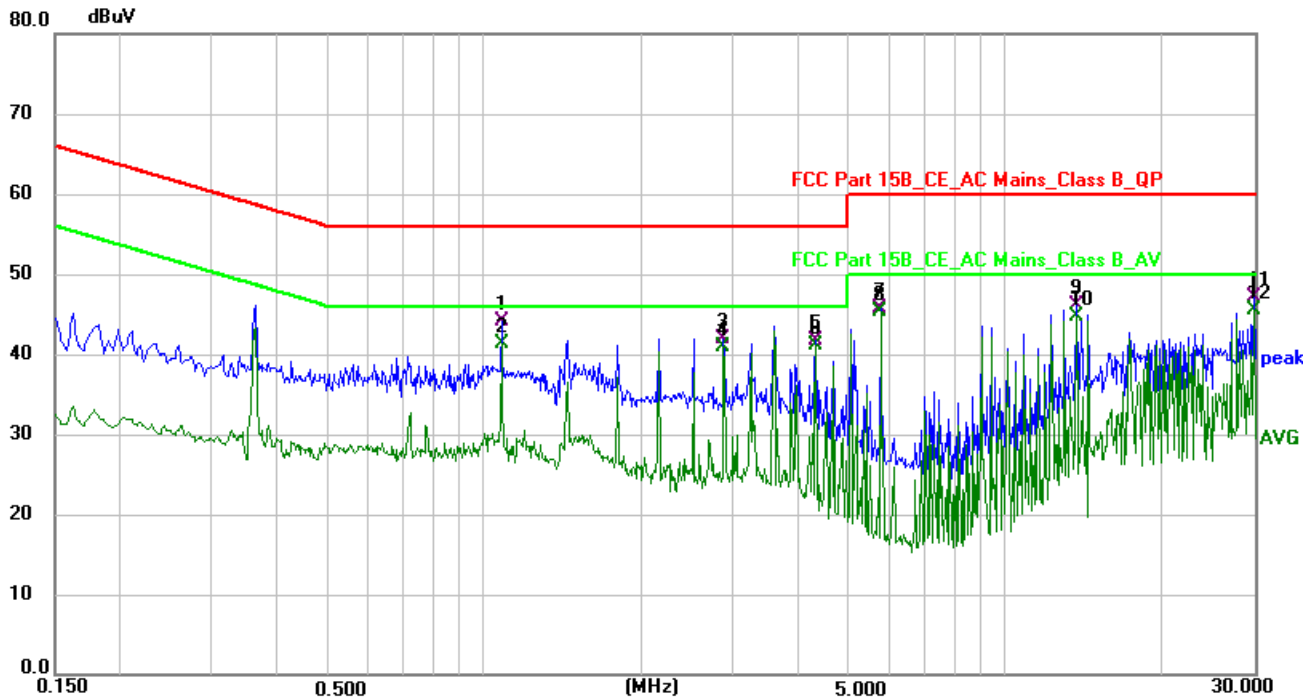
Test Requirement:	FCC Part15 C Section 15.207														
Test Method:	ANSI C63.10:2013														
Frequency Range:	150 kHz to 30 MHz														
Receiver setup:	RBW=9 kHz, VBW=30 kHz, Sweep time=auto														
Limits:	<table><tr><th rowspan="2">Frequency range (MHz)</th><th colspan="2">Limit (dBuV)</th></tr><tr><th>Quasi-peak</th><th>Average</th></tr><tr><td>0.15-0.5</td><td>66 to 56*</td><td>56 to 46*</td></tr><tr><td>0.5-5</td><td>56</td><td>46</td></tr><tr><td>5-30</td><td>60</td><td>50</td></tr></table>	Frequency range (MHz)	Limit (dBuV)		Quasi-peak	Average	0.15-0.5	66 to 56*	56 to 46*	0.5-5	56	46	5-30	60	50
Frequency range (MHz)	Limit (dBuV)														
	Quasi-peak	Average													
0.15-0.5	66 to 56*	56 to 46*													
0.5-5	56	46													
5-30	60	50													
Test Setup:	Reference Plane  40cm 80cm E.U.T Adapter LISN Filter AC power EMI Receiver Test table/Insulation plane Remark: E.U.T: Equipment Under Test LISN: Line Impedance Stabilization Network Test table height=0.8m														
Test Mode:	Transmitting Mode														
Test Procedure:	1. The E.U.T is connected to an adapter through a line impedance stabilization network (L.I.S.N.). This provides a 50ohm/50uH coupling impedance for the measuring equipment. 2. The peripheral devices are also connected to the main power through a LISN that provides a 50ohm/50uH coupling impedance with 50ohm termination. (Please refer to the block diagram of the test setup and photographs). 3. Both sides of A.C. line are checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.10: 2013 on conducted measurement.														
Test Result:	PASS														

3.1.2. Test data

Please refer to following diagram for individual

Test Mode	: Mode 5
Test Results	: PASS
Note:	1. The test results are listed in next pages. 2. If the limits for the measurement with the average detector are met when using a receiver with a peak detector, the test unit shall be deemed to meet both limits and the measurement with the average detector and quasi-peak detector need not be carried out. 3. If the limits for the measurement with the average detector are met when using a receiver with a quasi-peak detector, the test unit shall be deemed to meet both limits and the measurement with the average detector need not be carried out. 4. All test modes has been tested, this report only reflected the worst mode.

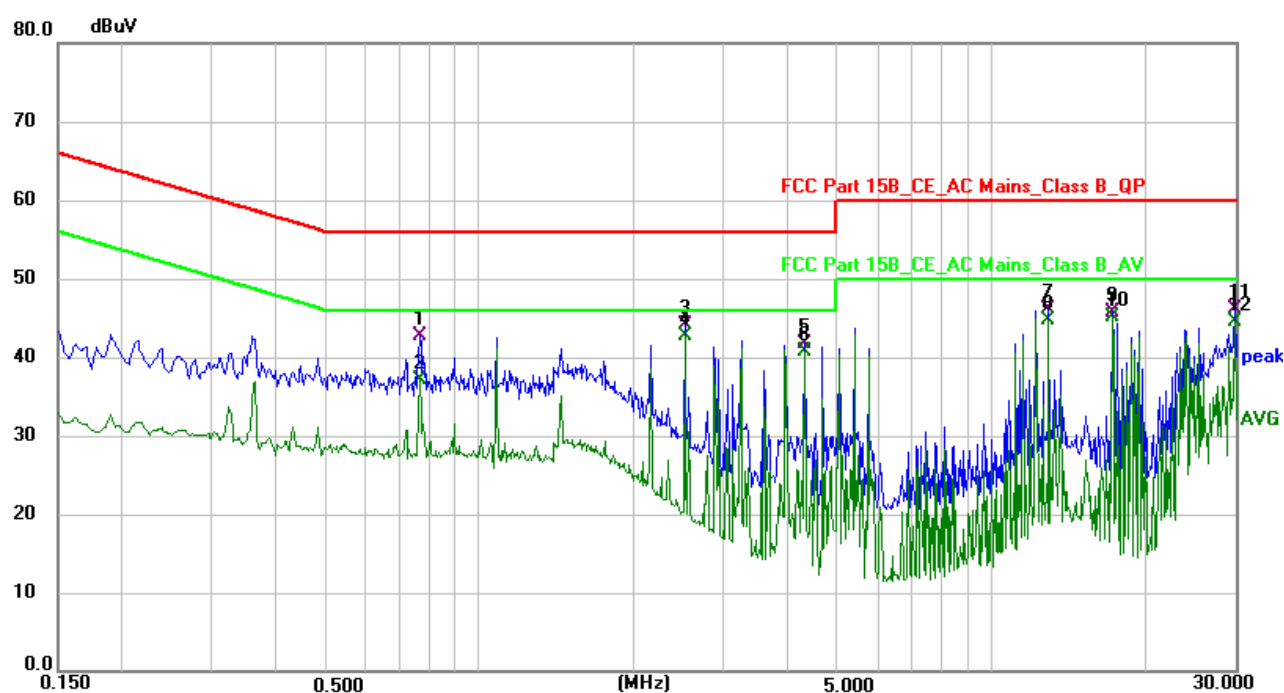
Temperature	26°C	Humidity	54%
Pol	Line		AC 120V/60Hz



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	1.0820	34.53	9.49	44.02	56.00	-11.98	QP	P
2	1.0820	31.82	9.49	41.31	46.00	-4.69	AVG	P
3	2.8820	32.47	9.52	41.99	56.00	-14.01	QP	P
4	2.8820	31.40	9.52	40.92	46.00	-5.08	AVG	P
5	4.3220	32.24	9.55	41.79	56.00	-14.21	QP	P
6	4.3220	31.46	9.55	41.01	46.00	-4.99	AVG	P
7	5.7619	36.18	9.53	45.71	60.00	-14.29	QP	P
8	5.7619	35.79	9.53	45.32	50.00	-4.68	AVG	P
9	13.6900	36.27	9.78	46.05	60.00	-13.95	QP	P
10	13.6900	34.95	9.78	44.73	50.00	-5.27	AVG	P
11	29.8980	36.71	10.30	47.01	60.00	-12.99	QP	P
12 *	29.8980	35.20	10.30	45.50	50.00	-4.50	AVG	P

Level = Reading + Factor Margin = Level - Limit

Pol	Neutral
-----	---------

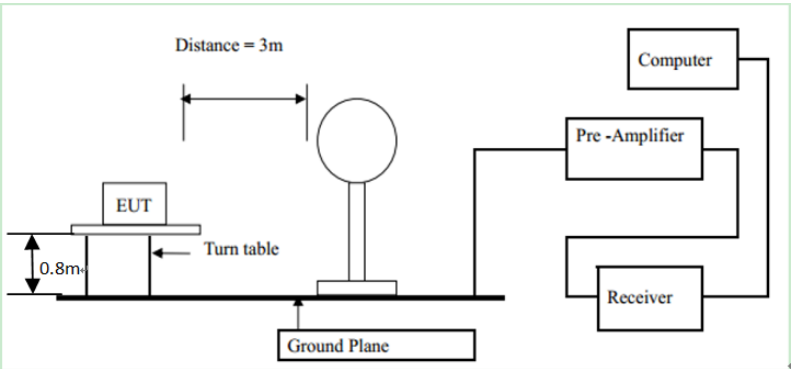


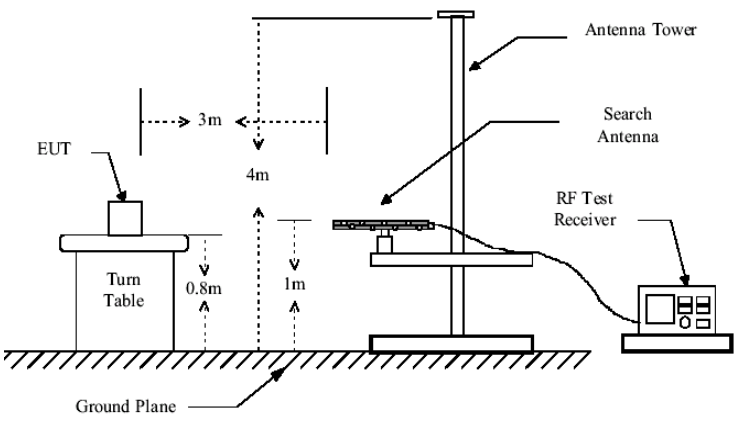
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.7660	33.30	9.43	42.73	56.00	-13.27	QP	P
2	0.7660	27.70	9.43	37.13	46.00	-8.87	AVG	P
3	2.5220	34.68	9.38	44.06	56.00	-11.94	QP	P
4 *	2.5220	33.38	9.38	42.76	46.00	-3.24	AVG	P
5	4.3220	32.39	9.40	41.79	56.00	-14.21	QP	P
6	4.3220	31.28	9.40	40.68	46.00	-5.32	AVG	P
7	12.9660	36.48	9.55	46.03	60.00	-13.97	QP	P
8	12.9660	35.12	9.55	44.67	50.00	-5.33	AVG	P
9	17.2900	36.12	9.61	45.73	60.00	-14.27	QP	P
10	17.2900	35.44	9.61	45.05	50.00	-4.95	AVG	P
11	29.8980	35.85	10.24	46.09	60.00	-13.91	QP	P
12	29.8980	34.18	10.24	44.42	50.00	-5.58	AVG	P

Level = Reading + Factor Margin = Level - Limit

3.2. Radiated Spurious Emission Measurement

3.2.1. Test Specification

Test Requirement:	FCC Part15 C Section 15.209																											
Test Method:	ANSI C63.10: 2013																											
Frequency Range:	9 kHz to 1 GHz																											
Measurement Distance:	3 m																											
Antenna Polarization:	Coaxial & Coplanar(9KHz-30MHz) Horizontal & Vertical(30MHz-1GHz)																											
Operation mode:	Refer to item 4.1																											
Receiver Setup:	<table><tr><td>Frequency</td><td>Detector</td><td>RBW</td><td>VBW</td><td>Remark</td></tr><tr><td>9kHz- 150kHz</td><td>Quasi-peak</td><td>200Hz</td><td>1kHz</td><td>Quasi-peak Value</td></tr><tr><td>150kHz-30MHz</td><td>Quasi-peak</td><td>9kHz</td><td>30kHz</td><td>Quasi-peak Value</td></tr><tr><td>30MHz-1GHz</td><td>Quasi-peak</td><td>100KHz</td><td>300KHz</td><td>Quasi-peak Value</td></tr></table>					Frequency	Detector	RBW	VBW	Remark	9kHz- 150kHz	Quasi-peak	200Hz	1kHz	Quasi-peak Value	150kHz-30MHz	Quasi-peak	9kHz	30kHz	Quasi-peak Value	30MHz-1GHz	Quasi-peak	100KHz	300KHz	Quasi-peak Value			
	Frequency	Detector	RBW	VBW	Remark																							
	9kHz- 150kHz	Quasi-peak	200Hz	1kHz	Quasi-peak Value																							
	150kHz-30MHz	Quasi-peak	9kHz	30kHz	Quasi-peak Value																							
	30MHz-1GHz	Quasi-peak	100KHz	300KHz	Quasi-peak Value																							
Note: The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except 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.																												
Limit:	<table><tr><td>Frequency</td><td>Field Strength (microvolts/meter)</td><td>Measurement Distance (meters)</td></tr><tr><td>0.009-0.490</td><td>2400/F(KHz)</td><td>300</td></tr><tr><td>0.490-1.705</td><td>24000/F(KHz)</td><td>30</td></tr><tr><td>1.705-30</td><td>30</td><td>30</td></tr><tr><td>30-88</td><td>100</td><td>3</td></tr><tr><td>88-216</td><td>150</td><td>3</td></tr><tr><td>216-960</td><td>200</td><td>3</td></tr><tr><td>Above 960</td><td>500</td><td>3</td></tr></table>				Frequency	Field Strength (microvolts/meter)	Measurement Distance (meters)	0.009-0.490	2400/F(KHz)	300	0.490-1.705	24000/F(KHz)	30	1.705-30	30	30	30-88	100	3	88-216	150	3	216-960	200	3	Above 960	500	3
	Frequency	Field Strength (microvolts/meter)	Measurement Distance (meters)																									
	0.009-0.490	2400/F(KHz)	300																									
	0.490-1.705	24000/F(KHz)	30																									
	1.705-30	30	30																									
	30-88	100	3																									
	88-216	150	3																									
	216-960	200	3																									
	Above 960	500	3																									
Test setup:	For radiated emissions below 30MHz																											
																												
	30MHz to 1GHz																											

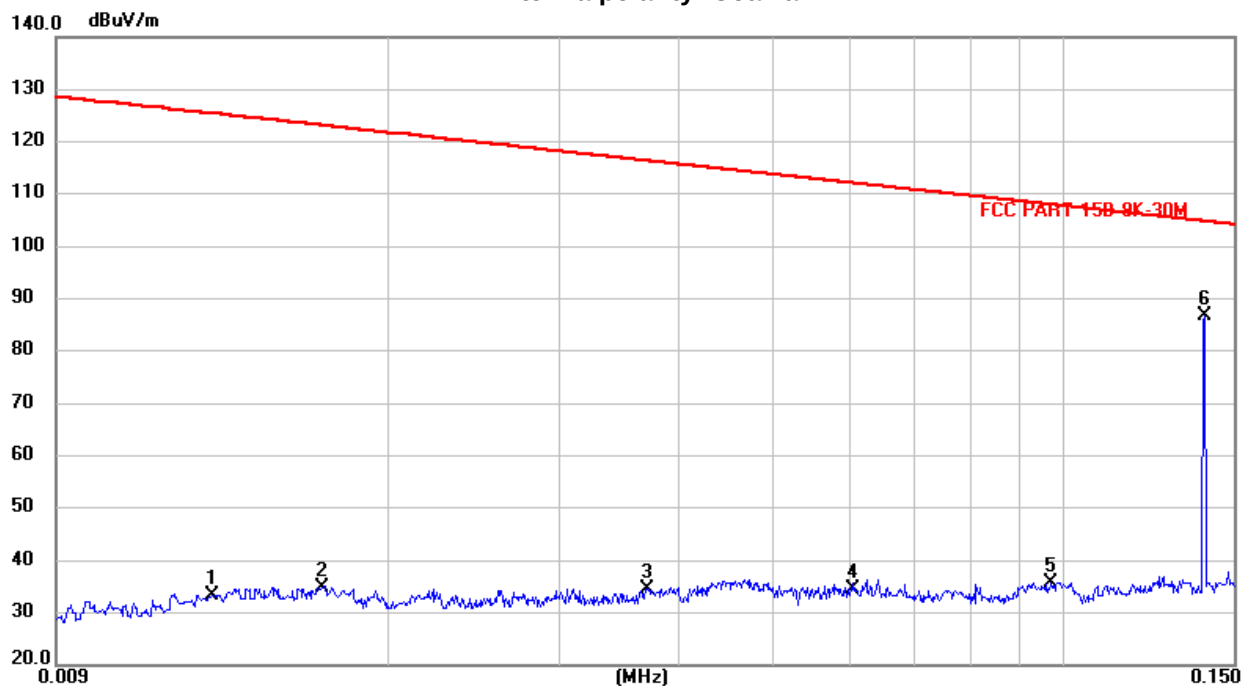
	
Test Procedure:	1. For the radiated emission test below 1GHz: The EUT was placed on a turntable with 0.8 meter above ground. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower. The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high PASS filter are used for the test in order to get better signal level. 2. Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level 3. For measurement below 1GHz, If the emission level of the EUT measured by the peak detector is 3 dB lower than the applicable limit, the peak emission level will be reported. Otherwise, the emission measurement will be repeated using the quasi-peak detector and reported. 4. Use the following spectrum analyzer settings: (1) Span shall wide enough to fully capture the emission being measured; (2) Set RBW=100 kHz for $f < 1$ GHz; VBW $\geq$ RBW; Sweep = auto; Detector function = peak; Trace = max hold; For average measurement: VBW = 10 Hz, when duty cycle is no less than 98 percent. VBW $\geq 1/T$, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.
Test mode:	Refer to section 4.1 for details
Test results:	PASS

3.2.2. Test Data

Please refer to following diagram for individual

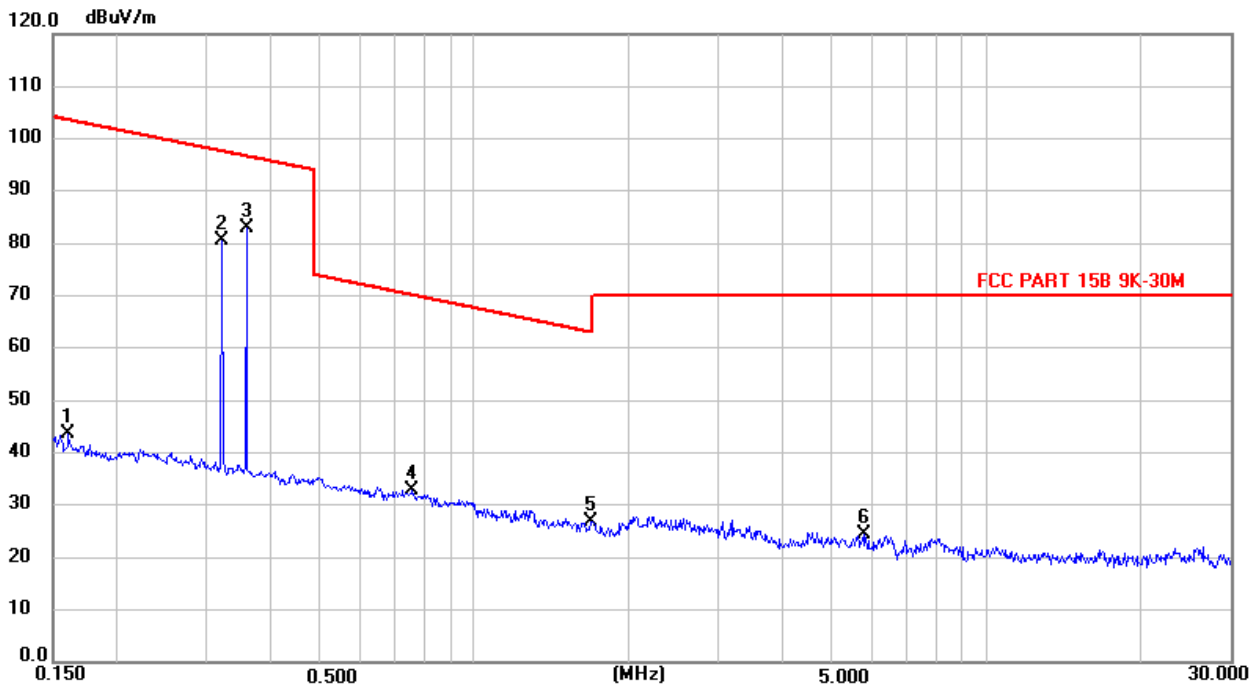
Frequency Range	: 9KHz~30MHz
Test Mode	: Mode 5
Test Results	: PASS
Note:	1. The test results are listed in next pages. 2. If the limits for the measurement with the average detector are met when using a receiver with a peak detector, the test unit shall be deemed to meet both limits and the measurement with the quasi-peak detector need not be carried out. 3. All test modes has been tested, this report only reflected the worst mode.

Antenna polarity: Coaxial



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	0.0131	11.87	21.42	33.29	125.36	-92.07	peak
2	0.0170	13.54	21.32	34.86	123.10	-88.24	peak
3	0.0370	13.94	20.61	34.55	116.37	-81.82	peak
4	0.0604	14.43	20.06	34.49	112.12	-77.63	peak
5	0.0971	15.86	19.83	35.69	108.01	-72.32	peak
6 *	0.1401	66.57	20.05	86.62	104.84	-18.22	peak

Level = Reading + Factor Margin = Level – Limit



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	0.1612	23.54	20.18	43.72	103.63	-59.91	peak
2	0.3215	60.72	19.95	80.67	97.65	-16.98	peak
3 *	0.3578	63.16	19.90	83.06	96.72	-13.66	peak
4	0.7570	12.86	19.85	32.71	70.16	-37.45	peak
5	1.6894	6.81	20.17	26.98	63.08	-36.10	peak
6	5.7477	2.38	22.01	24.39	70.00	-45.61	peak

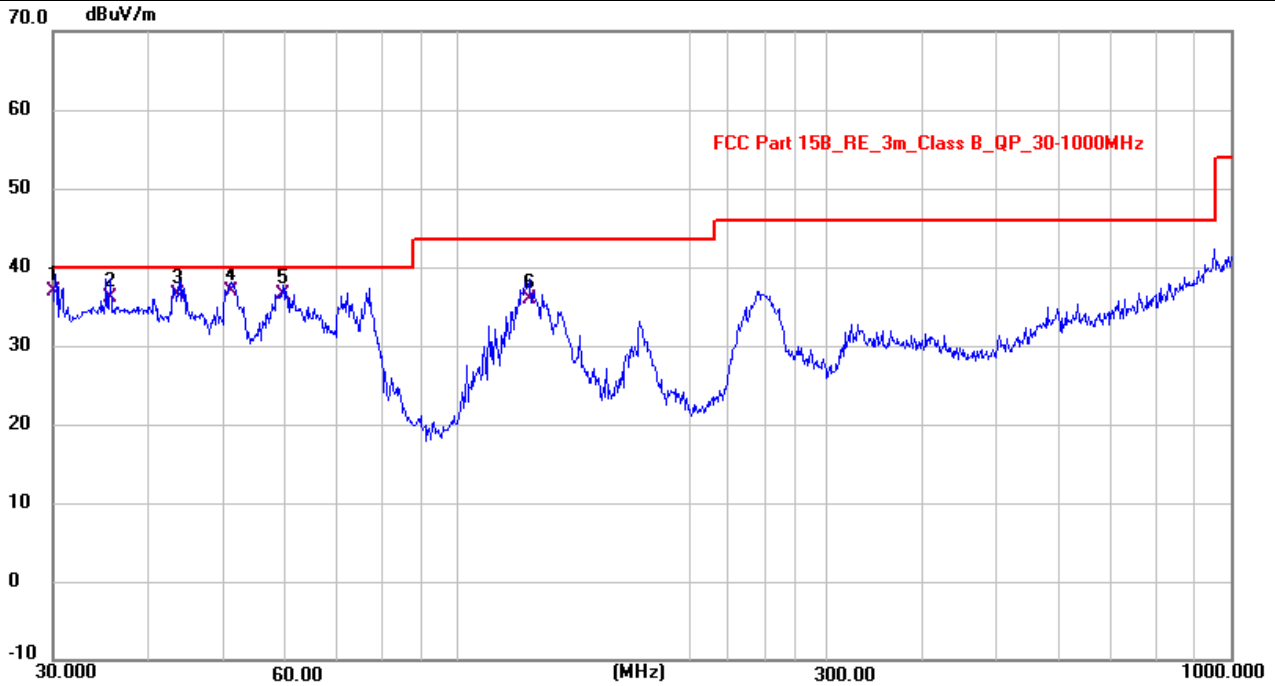
Level = Reading + Factor Margin = Level – Limit

Note: All polarization has been tested and only the worst polarization direction data is displayed.

Frequency Range	: 30MHz~1000MHz
Test Mode	: Mode 5
Test Results	: PASS
Note:	1. The test results are listed in next pages. 2. If the limits for the measurement with the average detector are met when using a receiver with a peak detector, the test unit shall be deemed to meet both limits and the measurement with the quasi-peak detector need not be carried out. 3. All test modes has been tested, this report only reflected the worst mode.

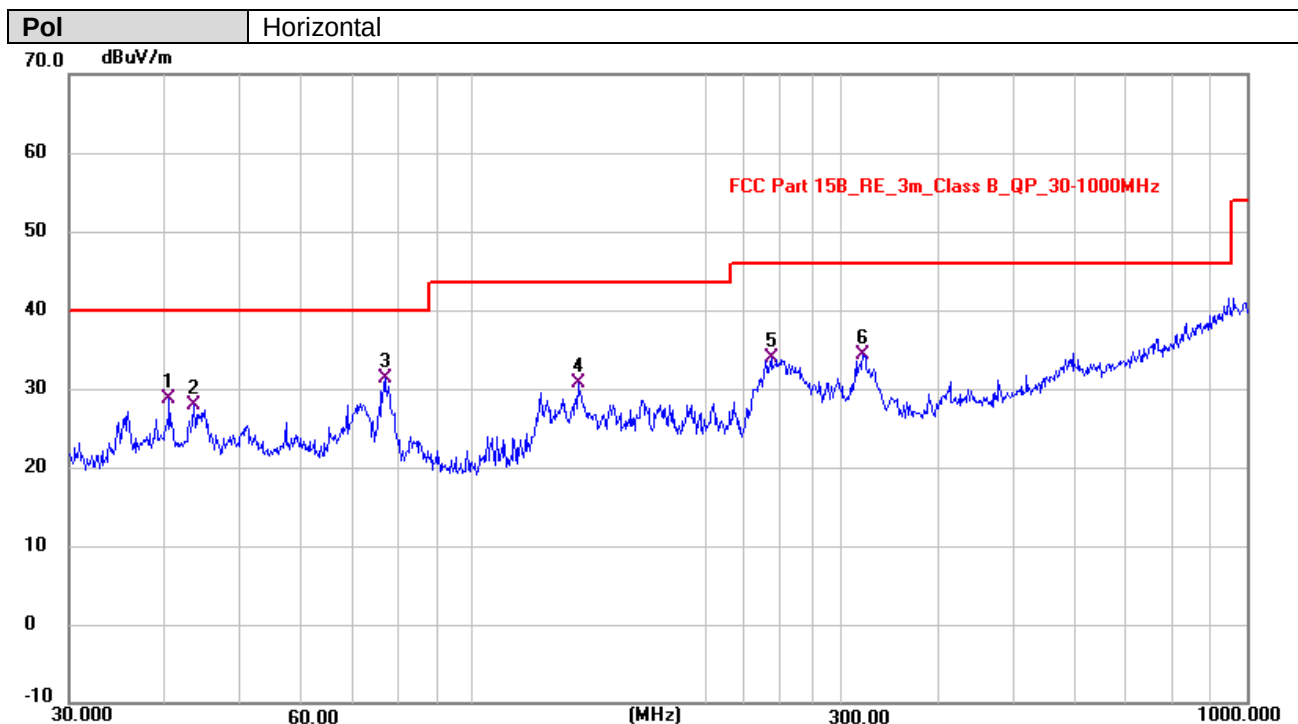
30MHz-1GHz

Temperature	26℃	Humidity	54%
Pol	Vertical	Test Voltage	AC 120V/60Hz



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	30.0000	23.85	13.00	36.85	40.00	-3.15	QP
2	35.6864	22.21	13.94	36.15	40.00	-3.85	QP
3	43.7542	22.13	14.41	36.54	40.00	-3.46	QP
4	51.0985	22.82	14.03	36.85	40.00	-3.15	QP
5	59.5970	23.40	13.15	36.55	40.00	-3.45	QP
6	123.8612	23.18	12.81	35.99	43.50	-7.51	QP

Level = Reading + Factor Margin = Level – Limit



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	40.4704	14.23	14.55	28.78	40.00	-11.22	QP
2	43.5821	13.45	14.42	27.87	40.00	-12.13	QP
3 *	76.8145	21.02	10.29	31.31	40.00	-8.69	QP
4	136.4598	17.03	13.66	30.69	43.50	-12.81	QP
5	243.3772	20.71	13.23	33.94	46.00	-12.06	QP
6	319.3765	18.82	15.45	34.27	46.00	-11.73	QP

Level = Reading + Factor Margin = Level – Limit

3.3. Test Specification

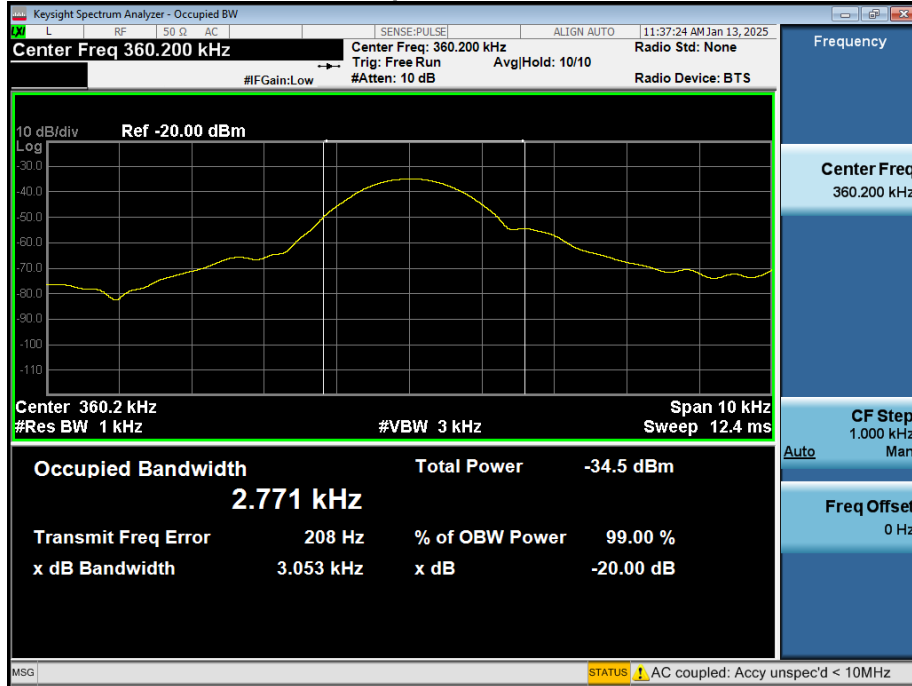
Test Requirement:	FCC Part15 C Section 15.215(c)
Test Method:	ANSI C63.10: 2013
Limit:	N/A
Test Procedure:	1. According to the follow Test-setup, keep the relative position between the artificial antenna and the EUT. 2. Set to the maximum power setting and enable the EUT transmit continuously. 3. Use the following spectrum analyzer settings for 20dB Bandwidth measurement. Span = approximately 2 to 3 times the 20 dB bandwidth, centered on a hopping channel; RBW$\geq$1% of the 20 dB bandwidth; VBW$\geq$RBW; Sweep = auto; Detector function = peak; Trace = max hold. 4. Measure and record the results in the test report.
Test setup:	 The diagram illustrates the test setup. On the left is a green Spectrum Analyzer with a blue screen and two red dots representing ports. A black cable connects one of these ports to a small white rectangular component. This component is further connected by another black cable to a yellow rectangular component on the right, which is labeled 'EUT' and has a single black dot representing a port. Spectrum Analyzer EUT
Test Mode:	Refer to section 4.1 for details
Test results:	PASS

3.3.1. Test data

Mode: Phone Wireless(Out)=15W

Frequency(kHz)	20dB Occupy Bandwidth (kHz)	Limit (kHz)	Conclusion
360	3.053	---	Pass

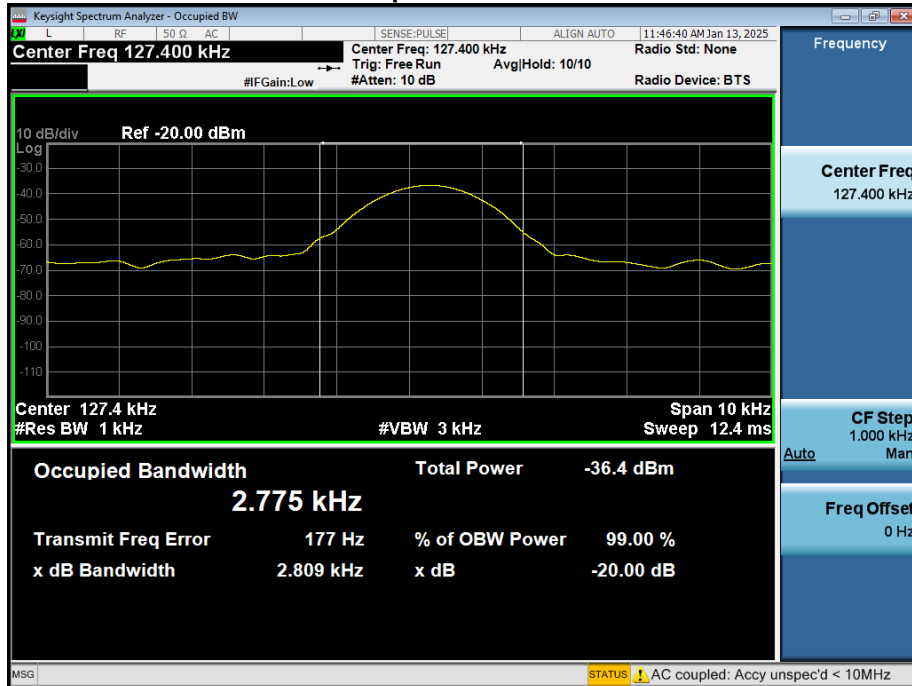
Test plots as follows:



Mode: Phone Wireless(Out)=10W

Frequency(kHz)	20dB Occupy Bandwidth (kHz)	Limit (kHz)	Conclusion
127	2.809	---	Pass

Test plots as follows:



Mode: Phone Wireless(Out)=7.5W

Frequency(kHz)	20dB Occupy Bandwidth (kHz)	Limit (kHz)	Conclusion
361	2.870	---	Pass

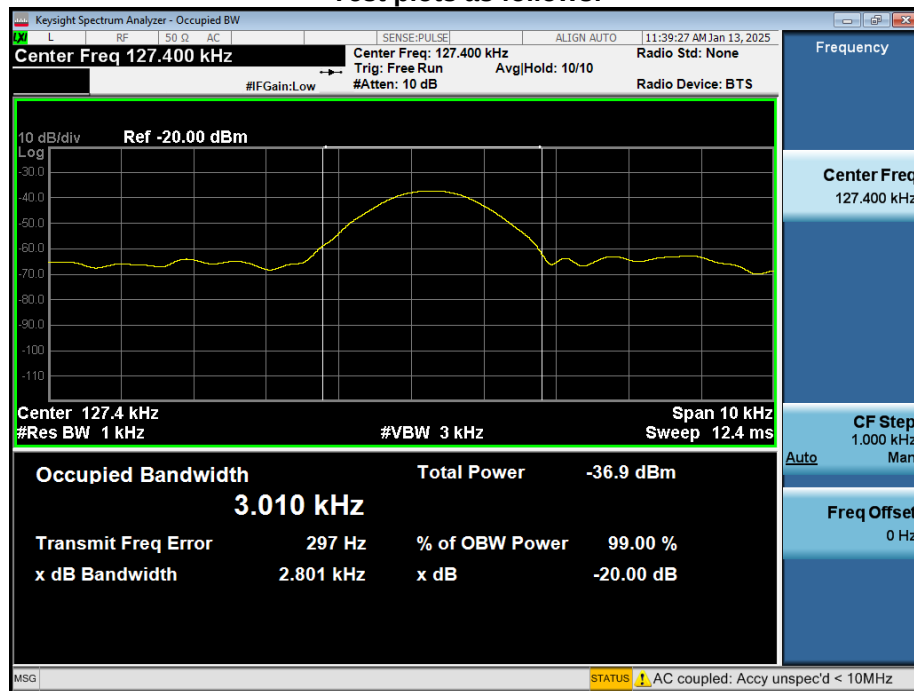
Test plots as follows:



Mode: Phone Wireless(Out)=5W

Frequency(kHz)	20dB Occupy Bandwidth (kHz)	Limit (kHz)	Conclusion
127	2.801	---	Pass

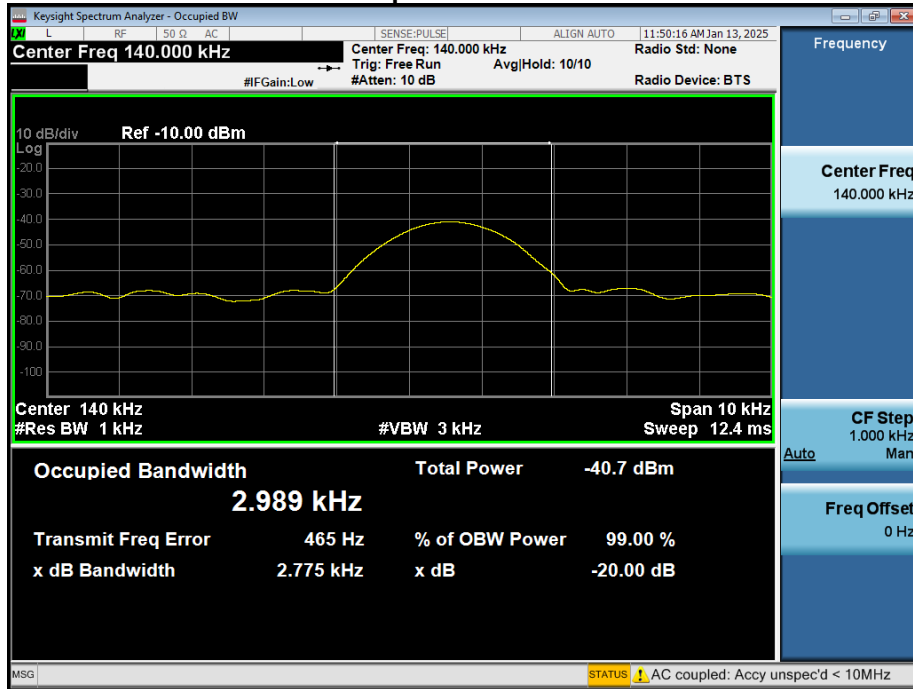
Test plots as follows:



Mode: AirPods Wireless(Out)=5W

Frequency(kHz)	20dB Occupy Bandwidth (kHz)	Limit (kHz)	Conclusion
140	2.775	---	Pass

Test plots as follows:



Mode: Apple Watch Wireless(Out)=2W

Frequency(kHz)	20dB Occupy Bandwidth (kHz)	Limit (kHz)	Conclusion
323	3.553	---	Pass

Test plots as follows:



4. Photos of test setup

Reference to the **appendix I Test Setup Photo** for details.

5. Photos of EUT

Reference to the **appendix II external photos** and **appendix III internal photos** for details.

----- END OF REPORT-----