RF TEST REPORT

For

Shenzhen Zhenpin Technology Co.,Ltd

Product Name: Wireless charger

Model(s).: D1

Report Reference No.	:	**POCE231212003RF001**
FCC ID	:	**2BD8P-WC01**
Applicant's Name	:	Shenzhen Zhenpin Technology Co.,Ltd
Address	:	South 3F Block 2, Tongfuyu Industrial Park, Zhenmei Community, Xinhu Street, Guanming District,Shenzhen City
Testing Laboratory	:	Shenzhen POCE Technology Co., Ltd.
Address	:	102 Building H1 & 1/F., Building H, Hongfa Science & Technology Park, Tangtou, Shiyan, Bao'an District, Shenzhen, Guangdong, China
Test Specification Standard	:	**FCC CFR Title 47 Part 15 Subpart C**
Date of Receipt	:	December 12, 2023
Date of Test	:	December 12, 2023 to December 22, 2023
Data of Issue	:	December 22, 2023
Result	:	**Pass**

Revision History Of Report

Version	Description	REPORT No.	Issue Date
V1.0	Original	POCE231212003RF001	December 22, 2023

NOTE1:
The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in this report. If the product in this report is used in any configuration other than that detailed in the report, the manufacturer must ensure the new system complies with all relevant standards.

Compiled by:	Supervised by:	Approved by:
Ben Tang /Test Engineer	Tom Chen / Project Engineer	Machael Mo / Manager

CONTENTS

1 TEST SUMMARY

1.1 Test Standards

The tests were performed according to following standards:

47 CFR Part 15.209: Radiated emission limits; general requirements

1.2 Summary of Test Result

Item	Method	Requirement	Result
Antenna requirement	/	Part 15.203	Pass
Conducted Emission at AC power line	ANSI C63.10-2013 section 6.2	47 CFR 15.207(a)	Pass
20dB Occupied Bandwidth	ANSI C63.10-2013, section 6.9.2	47 CFR 15.215(c)	Pass
Emissions in frequency bands (below 30MHz)	ANSI C63.10-2013 section 6.6.4	47 CFR 15.209	Pass
Emissions in frequency bands (30MHz - 1GHz)	ANSI C63.10-2013 section 6.6.4	47 CFR 15.209	Pass

2 GENERAL INFORMATION

2.1 Client Information

Applicant's Name	:	Shenzhen Zhenpin Technology Co.,Ltd
Address	:	South 3F Block 2, Tongfuyu Industrial Park, Zhenmei Community, Xinhu Street, Guanming District,Shenzhen City
Manufacturer	:	Shenzhen Zhenpin Technology Co.,Ltd
Address	:	South 3F Block 2, Tongfuyu Industrial Park, Zhenmei Community, Xinhu Street, Guanming District,Shenzhen City

2.2 Description of Device (EUT)

Product Name:	Wireless charger
Model/Type reference:	D1
Series Model:	D2,D2S,D3,D3S,D5S,D6,D6S,D7,D8,D9,D10,D11, D12,D13,D13S,D15,D16,D17,D18,D19,D20
Model Difference:	The product has many models, only the model name is different, and the other parts such as the circuit principle, pcb and electrical structure are the same.
Trade Mark:	N/A
Power Supply:	DC 5V/2A from adapter
Operation Frequency:	115KHz~205KHz
Number of Channels:	N/A
Modulation Type:	MSK
Antenna Type:	Inductive loop coil Antenna
Antenna Gain:	0dBi (Max)
Hardware Version:	V1.0
Software Version:	V1.0

2.3 Description of Test Modes

No	Title	Description
TM1	Full load test	Keep the EUT in wireless charging mode
TM2	half load test	Keep the EUT in wireless charging mode
TM3	No-load load test	Keep the EUT in wireless charging mode
Remark:TM1 is the full load mode, and the full load mode is the worst mode,Only the data of the worst mode would be recorded in this report.		

Test channel	Frequency (KHz)
Channel 1	130.7

2.4 Description of Support Units

Title	Manufacturer	Model No.	Serial No.
AC Adapter	UGREEN	CD112	N/A
Wireless Charging Load Module	N/A	N/A	Wireless Intput Power:5W/7.5W/10W//15W

2.5 Equipments Used During The Test

Conducted Emission at AC power line					
Equipment	**Manufacturer**	**Model No**	**Inventory No**	**Cal Date**	**Cal Due Date**
loop antenna	EVERFINE	LLA-2	80900L-C	2023-02-27	2024-02-26
Power absorbing clamp	SCHWARZ BECK	MESS-ELEKTRONIK	/	2023-02-28	2024-02-27
Electric Network	SCHWARZ BECK	CAT5 8158	CAT5 8158#207	/	/
Cable	SCHWARZ BECK	/	/	2023-12-27	2024-12-27
Pulse Limiter	SCHWARZ BECK	VTSD 9561-F Pulse limiter 10dB Ateennator	561-G071	2023-02-27	2024-02-26
50ΩCoaxial Switch	Anritsu	MP59B	M20531	/	/
Test Receiver	Rohde & Schwarz	ESPI TEST RECEIVER	ID:1164.6607K 03-102109-MH	2023-06-13	2024-06-12
L.I.S.N	R&S	ESH3-Z5	831.5518.52	2023-12-29	2024-12-28

20dB Occupied Bandwidth					
Equipment	**Manufacturer**	**Model No**	**Inventory No**	**Cal Date**	**Cal Due Date**
RF Test Software	TACHOY	RTS-01	V2.0.0.0	/	/
High Pass filter	ZHINAN	OQHPF1-M1.5-18G-224	6210075	/	/
Power divider	MIDEWEST	PWD-2533	SMA-79	2023-05-11	2026-05-10
DC power	HP	66311B	38444359	/	/
RF Sensor Unit	Tachoy Information Technology(shenzhen) Co.,Ltd.	TR1029-2	000001	/	/
Wideband radio communication tester	R&S	CMW500	113410	2023-06-13	2024-06-12
Vector signal generator	Keysight	N5181A	MY48180415	2023-12-29	2024-12-28
Signal generator	Keysight	N5182A	MY50143455	2023-12-29	2024-12-28
Spectrum Analyzer	Keysight	N9020A	MY53420323	2023-12-29	2024-12-28

Emissions in frequency bands (below 30MHz) Emissions in frequency bands (30MHz - 1GHz)					
Equipment	**Manufacturer**	**Model No**	**Inventory No**	**Cal Date**	**Cal Due Date**
EMI Test software	Farad	EZ -EMC	V1.1.42	/	/
Positioning Controller	/	MF-7802	/	/	/
High Pass filter	ZHINAN	OQHPF1-M1.5-18G-224	6210075	/	/
Amplifier(18-40G)	COM-POWER	AH-1840	10100008-1	2022-04-05	2025-04-04
Horn antenna	COM-POWER	AH-1840 (18-40G)	10100008	2023-04-05	2025-04-04
Loop antenna	ZHINAN	ZN30900C	ZN30900C	2021-07-05	2024-07-04
Cable(LF)#2	Schwarzbeck	/	/	2023-02-27	2024-02-26
Cable(LF)#1	Schwarzbeck	/	/	2023-02-27	2024-02-26
Cable(HF)#2	Schwarzbeck	AK9515E	96250	2023-02-28	2024-02-27
Cable(HF)#1	Schwarzbeck	SYV-50-3-1	/	2023-02-27	2024-02-26
Power amplifier(LF)	Schwarzbeck	BBV9743	9743-151	2023-06-13	2024-06-12
Power amplifier(HF)	Schwarzbeck	BBV9718	9718-282	2023-06-13	2024-06-12
Wideband radio communication tester	R&S	CMW500	113410	2023-06-13	2024-06-12
Spectrum Analyzer	R&S	FSP30	1321.3008K40-101729-jR	2023-06-14	2024-06-13
Horn Antenna	Sunol Sciences	DRH-118	A091114	2023-05-13	2025-05-12
Broadband Antenna	Sunol Sciences	JB6 Antenna	A090414	2023-05-21	2025-05-20
Test Receiver	R&S	ESCI	102109	2023-06-13	2024-06-12

2.6 Statement Of The Measurement Uncertainty

Test Item	Measurement Uncertainty
Conducted Disturbance (0.15~30MHz)	±3.41dB
Occupied Bandwidth	±3.63%
Radiated Emission (Below 1GHz)	±5.79dB
Note: (1) This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.	

2.7 Identification of Testing Laboratory

Company Name:	Shenzhen POCE Technology Co., Ltd.
Address:	101-102 Building H5 & 1/F., Building H, Hongfa Science & Technology Park, Tangtou, Shiyan, Bao'an District, Shenzhen, Guangdong, China
Phone Number:	+86-13267178997
Fax Number:	86-755-29113252

Identification of the Responsible Testing Location

Company Name:	Shenzhen POCE Technology Co., Ltd.
Address:	101-102 Building H5 & 1/F., Building H, Hongfa Science & Technology Park, Tangtou, Shiyan, Bao'an District, Shenzhen, Guangdong, China
Phone Number:	+86-13267178997
Fax Number:	86-755-29113252
FCC Registration Number:	0032847402
Designation Number:	CN1342

2.8 Announcement

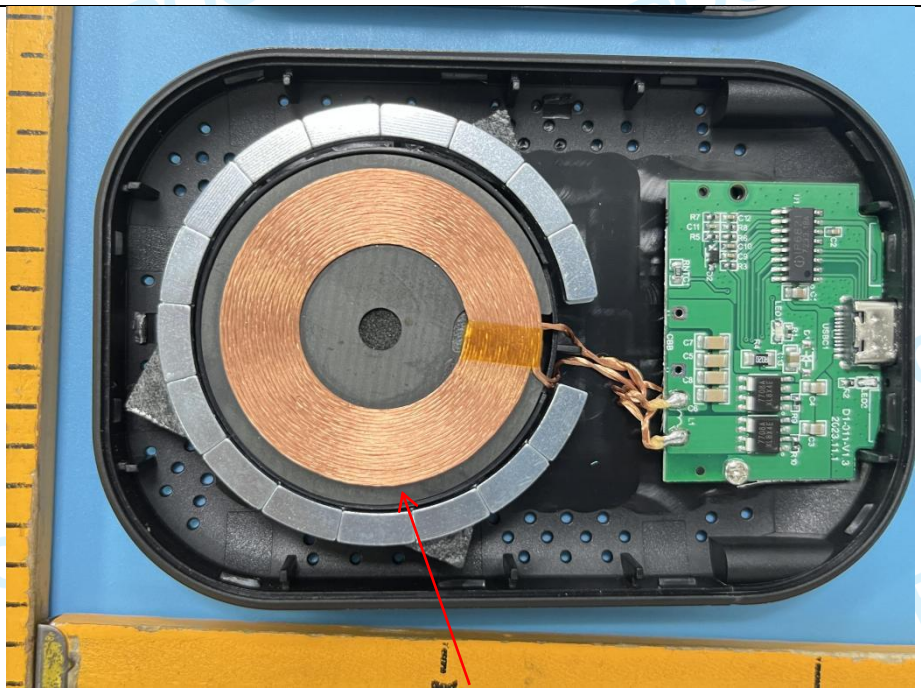
(1) The test report reference to the report template version v0.
(2) The test report is invalid if not marked with the signatures of the persons responsible for preparing, reviewing and approving the test report.
(3) The test report is invalid if there is any evidence and/or falsification.
(4) This document may not be altered or revised in any way unless done so by POCE 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 laboratory is only responsible for the data released by the laboratory, except for the part provided by the applicant.

3 Evaluation Results (Evaluation)

3.1 Antenna requirement

Test Requirement:	Refer to 47 CFR Part 15.203, 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 shall be considered sufficient to comply with the provisions of this section.

3.1.1 Conclusion:



4 Radio Spectrum Matter Test Results (RF)

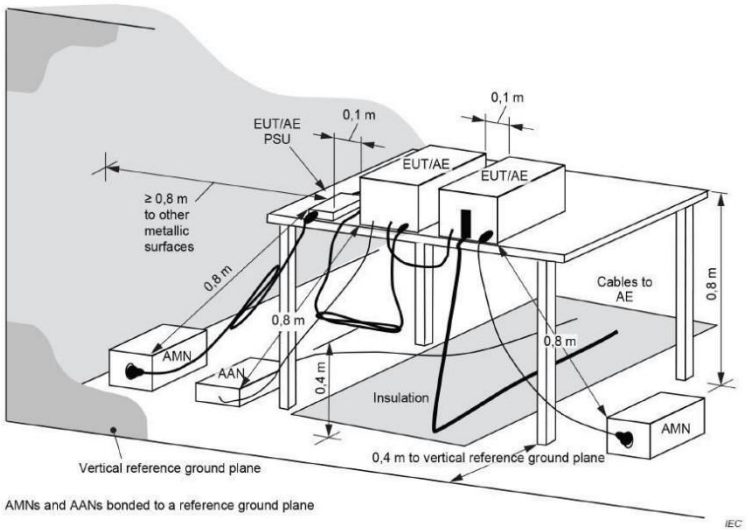
4.1 Conducted Emission at AC power line

Test Requirement:	Except as shown in paragraphs (b)and (c)of this section, for an intentional radiator that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies, within the band 150 kHz to 30 MHz, shall not exceed the limits in the following table, as measured using a 50 μH/50 ohms line impedance stabilization network (LISN).
Test Limit:	Frequency of emission (MHz) / Conducted limit (dBμV): Quasi-peak / Average 0.15-0.5: 66 to 56* / 56 to 46* 0.5-5: 56 / 46 5-30: 60 / 50 *Decreases with the logarithm of the frequency.
Test Method:	Refer to ANSI C63.10-2013 section 6.2, standard test method for ac power-line conducted emissions from unlicensed wireless devices

4.1.1 E.U.T. Operation:

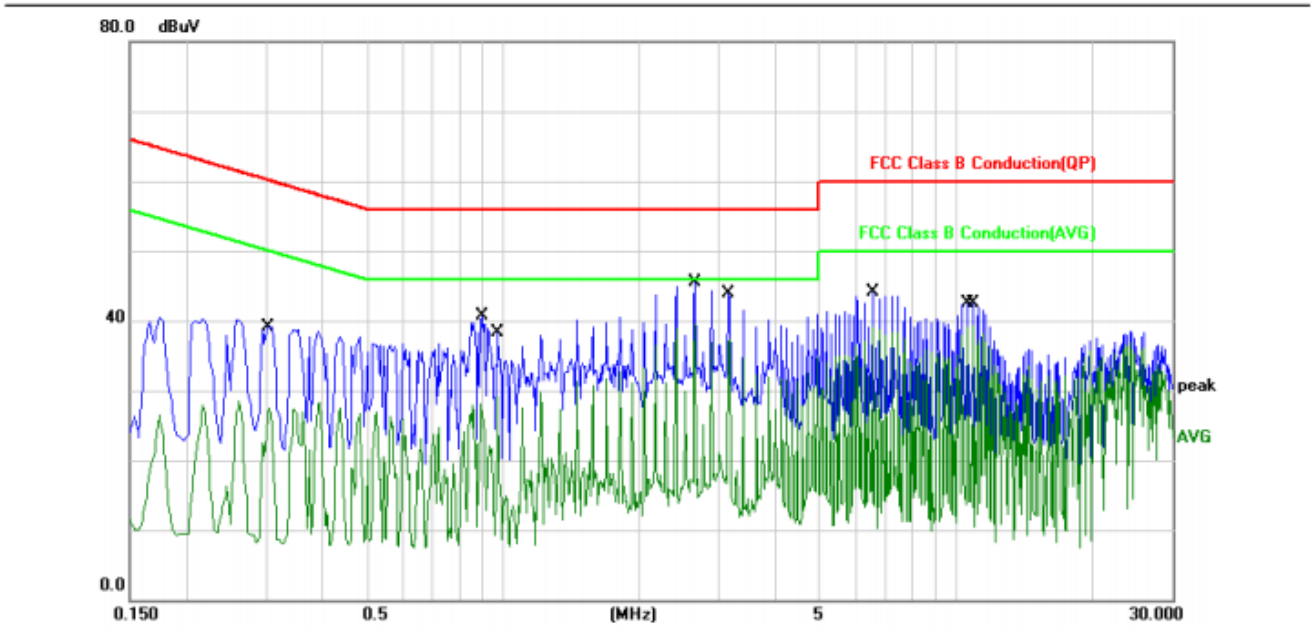
Operating Environment:					
Temperature:	23.2 °C	Humidity:	51.9 %	Atmospheric Pressure:	102 kPa
Pre test mode:	TM1				
Final test mode:	TM1				

4.1.2 Test Setup Diagram:



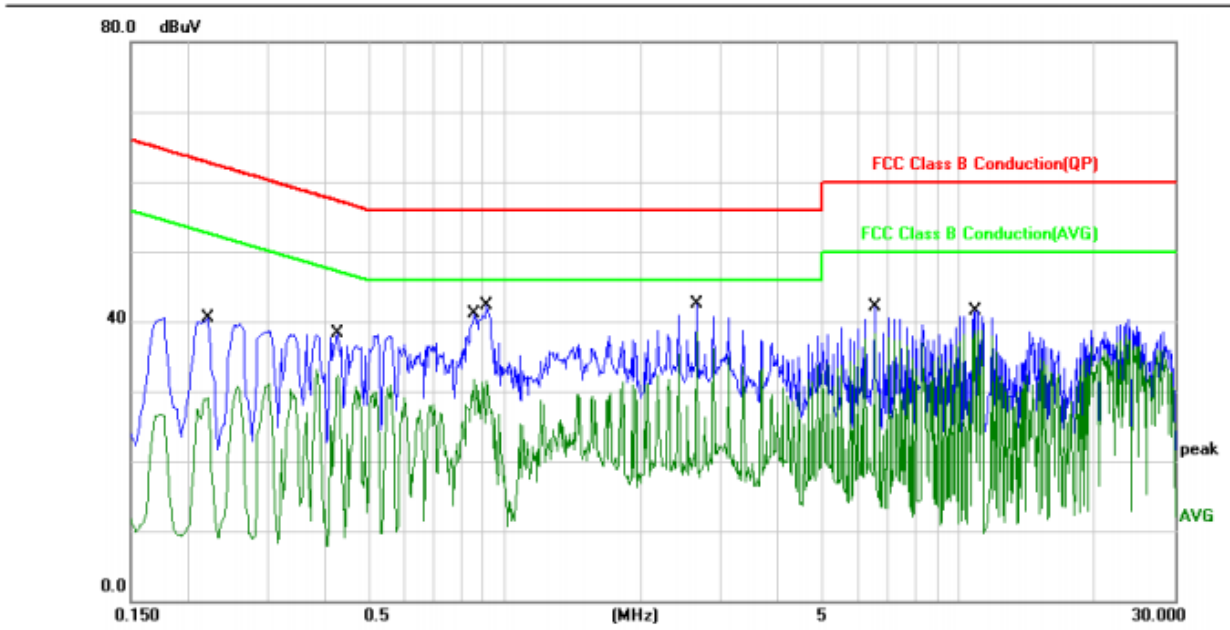
4.1.3 Test Data:

TM1 / Line: Line



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.3020	29.08	10.02	39.10	60.19	-21.09	QP	
2		0.3060	17.53	10.02	27.55	50.08	-22.53	AVG	
3		0.9020	30.70	9.92	40.62	56.00	-15.38	QP	
4		0.9740	19.14	9.90	29.04	46.00	-16.96	AVG	
5		2.6500	35.49	10.01	45.50	56.00	-10.50	QP	
6	*	2.6500	29.50	10.01	39.51	46.00	-6.49	AVG	
7		3.1500	33.92	10.04	43.96	56.00	-12.04	QP	
8		3.1580	27.22	10.04	37.26	46.00	-8.74	AVG	
9		6.5379	33.81	10.22	44.03	60.00	-15.97	QP	
10		6.5379	28.87	10.22	39.09	50.00	-10.91	AVG	
11		10.5739	32.01	10.43	42.44	60.00	-17.56	QP	
12		10.9539	28.97	10.43	39.40	50.00	-10.60	AVG	

TM1 / Line: Neutral



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.2220	30.42	10.03	40.45	62.74	-22.29	QP	
2		0.2220	19.00	10.03	29.03	52.74	-23.71	AVG	
3		0.4300	28.27	9.99	38.26	57.25	-18.99	QP	
4		0.4300	22.28	9.99	32.27	47.25	-14.98	AVG	
5		0.8540	21.43	10.35	31.78	46.00	-14.22	AVG	
6		0.9100	32.36	9.92	42.28	56.00	-13.72	QP	
7		2.6540	32.54	10.01	42.55	56.00	-13.45	QP	
8	*	2.6540	28.50	10.01	38.51	46.00	-7.49	AVG	
9		6.5500	31.97	10.22	42.19	60.00	-17.81	QP	
10		6.5500	28.03	10.22	38.25	50.00	-11.75	AVG	
11		10.8139	28.33	10.44	38.77	50.00	-11.23	AVG	
12		10.9460	31.09	10.44	41.53	60.00	-18.47	QP	

4.2 20dB Occupied Bandwidth

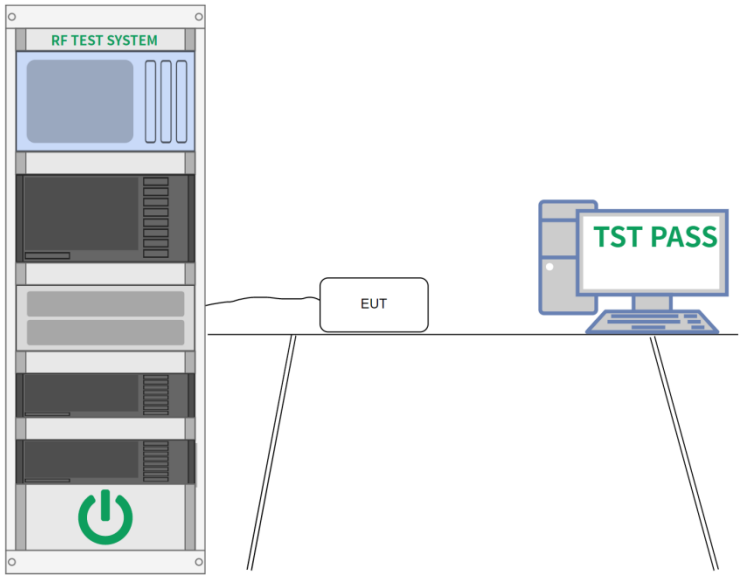
Test Requirement:	Intentional radiators operating under the alternative provisions to the general emission limits, as contained in §§ 15.217 through 15.257 and in subpart E of this part, must be designed to ensure that the 20 dB bandwidth of the emission, or whatever bandwidth may otherwise be specified 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.
Test Limit:	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.
Test Method:	Occupied bandwidth—relative measurement procedure
Procedure:	a) The spectrum analyzer center frequency is set to the nominal EUT channel center frequency. The span range for the EMI receiver or spectrum analyzer shall be between two times and five times the OBW. b) The nominal IF filter bandwidth (3 dB RBW) shall be in the range of 1% to 5% of the OBW and video bandwidth (VBW) shall be approximately three times RBW, unless otherwise specified by the applicable requirement. c) Set the reference level of the instrument as required, keeping the signal from exceeding the maximum input mixer level for linear operation. In general, the peak of the spectral envelope shall be more than [10 log (OBW/RBW)] below the reference level. Specific guidance is given in 4.1.5.2. d) Steps a) through c) might require iteration to adjust within the specified tolerances. e) The dynamic range of the instrument at the selected RBW shall be more than 10 dB below the target “−xx dB down” requirement; that is, if the requirement calls for measuring the −20 dB OBW, the instrument noise floor at the selected RBW shall be at least 30 dB below the reference value. f) Set detection mode to peak and trace mode to max hold. g) Determine the reference value: Set the EUT to transmit an unmodulated carrier or modulated signal, as applicable. Allow the trace to stabilize. Set the spectrum analyzer marker to the highest level of the displayed trace (this is the reference value). h) Determine the “−xx dB down amplitude” using [(reference value) − xx]. Alternatively, this calculation may be made by using the marker-delta function of the instrument. i) If the reference value is determined by an unmodulated carrier, then turn the EUT modulation ON, and either clear the existing trace or start a new trace on the spectrum analyzer and allow the new trace to stabilize. Otherwise, the trace from step g) shall be used for step j). j) Place two markers, one at the lowest frequency and the other at the highest frequency of the envelope of the spectral display, such that each marker is at or slightly below the “-xx dB down amplitude” determined in step h). If a marker is below this “−xx dB down amplitude” value, then it shall be as close as possible to this value. The occupied bandwidth is the frequency difference between the two markers. Alternatively, set a marker at the lowest frequency of the envelope of the spectral display, such that the marker is at or slightly below the “-xx dB down amplitude” determined in step h). Reset the marker-delta function and move the marker to the other side of the emission until the delta marker amplitude is at the same level as the reference marker amplitude. The marker-delta frequency reading at this point is the specified emission bandwidth. k) The occupied bandwidth shall be reported by providing plot(s) of the measuring instrument display; the plot axes and the scale units per division shall be clearly labeled. Tabular data may be reported in addition to the plot(s).

4.2.1 E.U.T. Operation:

Operating Environment:

Temperature:	23.4 °C	Humidity:	52.7 %	Atmospheric Pressure:	102 kPa
Pre test mode:	TM1				
Final test mode:	TM1				

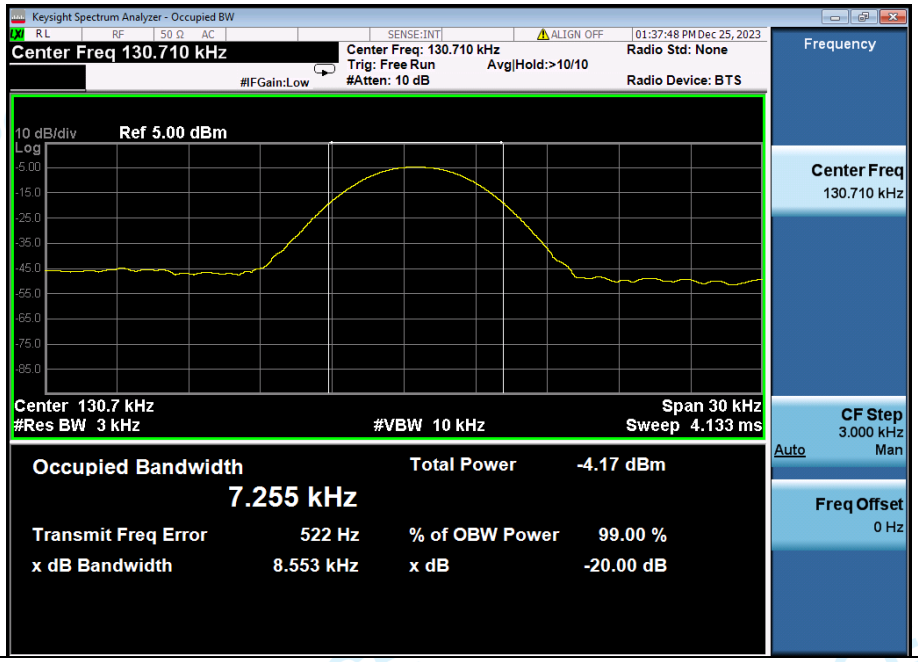
4.2.2 Test Setup Diagram:



4.2.3 Test Data:

Test channel	Frequency (KHz)	-20dB_Emission_Bandwidth(KHz)	Occupied Bandwidth (KHz)
Middle channel	130.7	8.553	7.255

Test Frequency:131.3KHz



4.3 Emissions in frequency bands (below 30MHz)

Test Requirement:	47 CFR 15.209
Test Limit:	

Frequency (MHz)	Field Strength		Field Strength Limit at 3m Measurement Dist	
	uV/m	Distance (m)	uV/m	dBuV/m
0.009 ~ 0.490	2400/F(kHz)	300	10000 * 2400/F(kHz)	$20\log^{(2400/F(kHz))} + 80$
0.490 ~ 1.705	24000/F(kHz)	30	100 * 24000/F(kHz)	$20\log^{(24000/F(kHz))} + 40$
1.705 ~ 30	30	30	100 * 30	$20\log^{(30)} + 40$
30 ~ 88	100	3	100	$20\log^{(100)}$
88 ~ 216	150	3	150	$20\log^{(150)}$
216 ~ 960	200	3	200	$20\log^{(200)}$
Above 960	500	3	500	$20\log^{(500)}$

** Except as provided in paragraph (g), fundamental emissions from intentional radiators operating under this section shall not be located in the frequency bands 54-72 MHz, 76-88 MHz, 174-216 MHz or 470-806 MHz. However, operation within these frequency bands is permitted under other sections of this part, e.g.,
§§ 15.231 and 15.241.

As shown in § 15.35(b), for frequencies above 1000 MHz, the field strength limits in paragraphs (a)and (b)of this section are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation. For point-to-point operation under paragraph (b)of this section, the peak field strength shall not exceed 2500 millivolts/meter at 3 meters along the antenna azimuth.

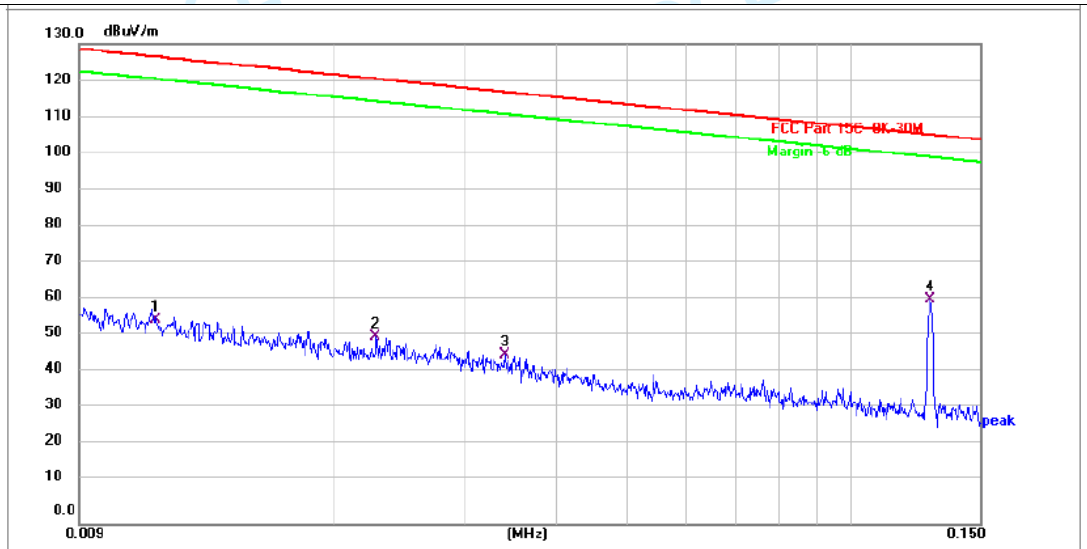
Test Method:	Radiated emissions tests
Procedure:	ANSI C63.10-2013 section 6.6.4

4.3.1 E.U.T. Operation:

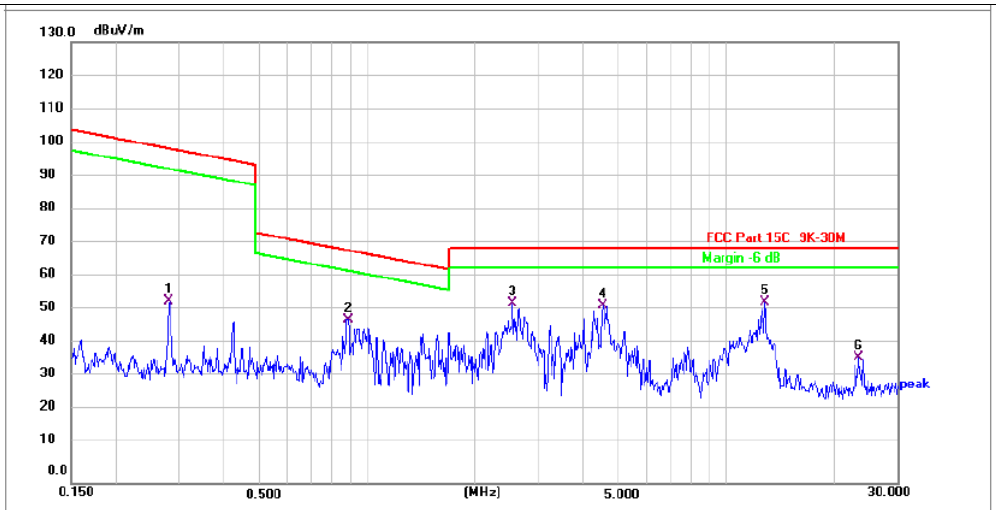
Operating Environment:					
Temperature:	23.4 °C	Humidity:	52.7 %	Atmospheric Pressure:	102 kPa
Pre test mode:	TM1				
Final test mode:	TM1				

4.3.2 Test Data:

Concentric



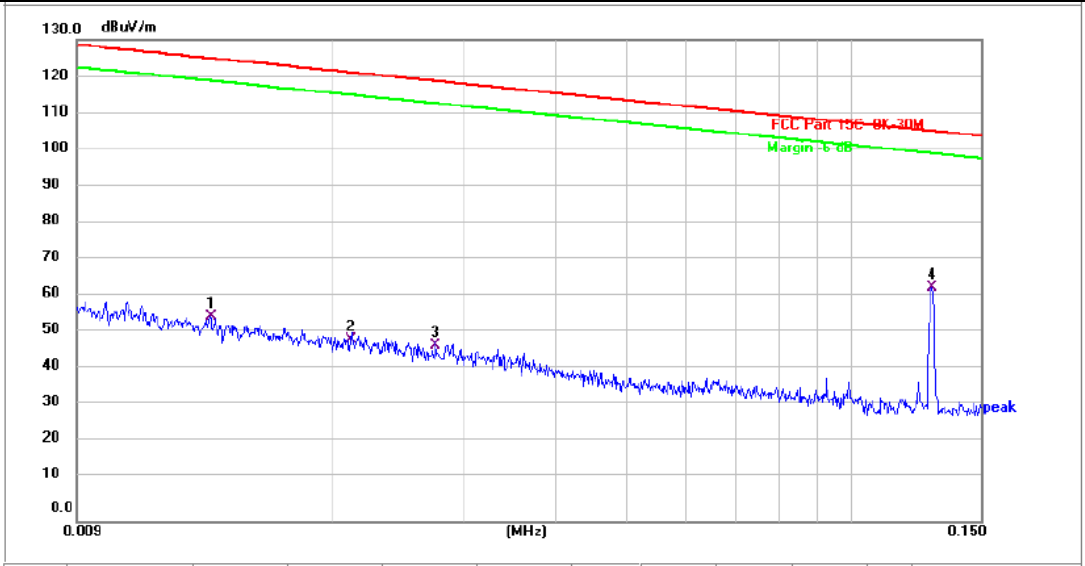
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	0.0112	22.54	33.01	55.55	126.62	-71.07	QP			P	
2	0.0227	19.51	31.37	50.88	120.48	-69.60	QP			P	
3	0.0340	17.13	28.97	46.10	116.97	-70.87	QP			P	
4 *	0.1284	41.43	19.49	60.92	105.43	-44.51	QP			P	



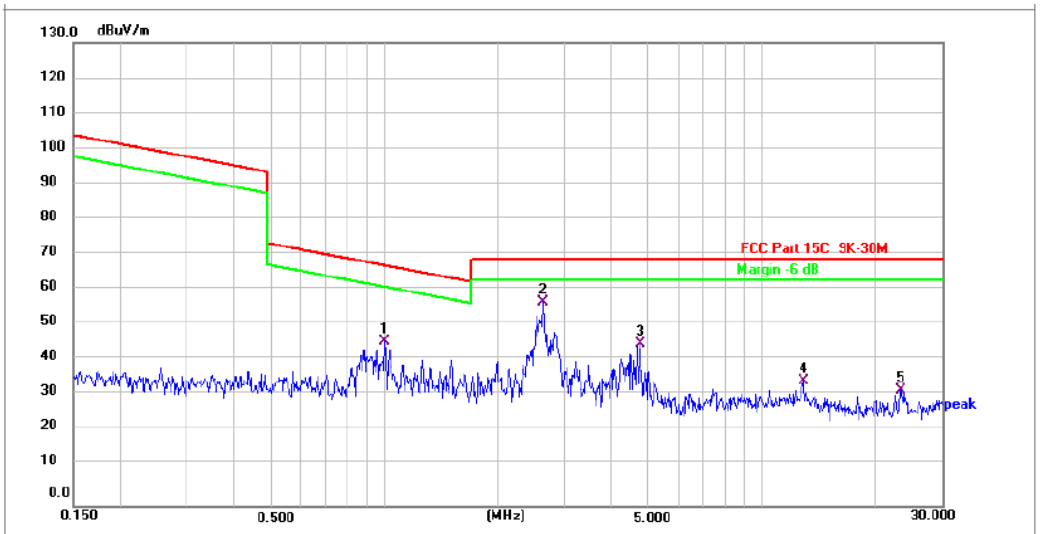
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	0.2816	33.14	20.59	53.73	98.61	-44.88	QP			P	
2	0.8850	27.51	20.81	48.32	68.68	-20.36	QP			P	
3	2.5400	31.75	21.32	53.07	69.54	-16.47	QP			P	
4	4.5253	31.23	21.13	52.36	69.54	-17.18	QP			P	
5 *	12.7836	32.38	20.93	53.31	69.54	-16.23	QP			P	
6	23.3870	17.27	19.94	37.21	69.54	-32.33	QP			P	

Remark: Margin=Level - Limit
Level=Test receiver reading + correction factor
Correction Factor= Antenna Factor + Cable loss – Pre-amplifier

Coplanar



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	0.0136	22.78	32.66	55.44	124.93	-69.49	QP			P	
2	0.0211	17.57	31.60	49.17	121.12	-71.95	QP			P	
3	0.0274	16.98	30.70	47.68	118.85	-71.17	QP			P	
4 *	0.1288	43.67	19.49	63.16	105.41	-42.25	QP			P	



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	0.9996	24.93	21.46	46.39	67.62	-21.23	QP			P	
2 *	2.6360	36.16	21.31	57.47	69.54	-12.07	QP			P	
3	4.7463	24.55	21.11	45.66	69.54	-23.88	QP			P	
4	12.8515	14.34	20.92	35.26	69.54	-34.28	QP			P	
5	23.3870	12.83	19.94	32.77	69.54	-36.77	QP			P	

Remark: Margin=Level - Limit
Level=Test receiver reading + correction factor
Correction Factor= Antenna Factor + Cable loss – Pre-amplifier

4.4 Emissions in frequency bands (30MHz - 1GHz)

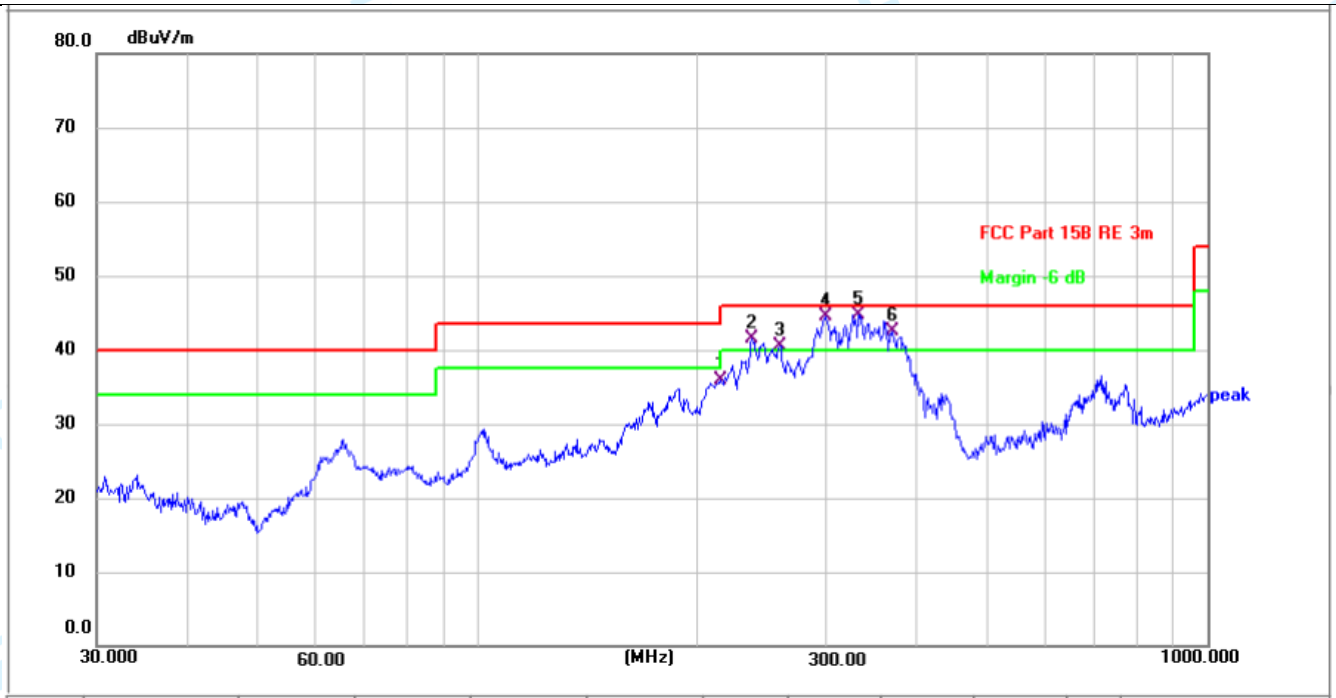
Test Requirement:	47 CFR 15.209
Test Limit:	<table><tr><th>Frequency (MHz)</th><th>Field strength (microvolts/meter)</th><th>Measurement distance (meters)</th></tr><tr><td>0.009-0.490</td><td>2400/F(kHz)</td><td>300</td></tr><tr><td>0.490-1.705</td><td>24000/F(kHz)</td><td>30</td></tr><tr><td>1.705-30.0</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> ** Except as provided in paragraph (g), fundamental emissions from intentional radiators operating under this section shall not be located in the frequency bands 54-72 MHz, 76-88 MHz, 174-216 MHz or 470-806 MHz. However, operation within these frequency bands is permitted under other sections of this part, e.g., §§ 15.231 and 15.241. As shown in § 15.35(b), for frequencies above 1000 MHz, the field strength limits in paragraphs (a)and (b)of this section are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation. For point-to-point operation under paragraph (b)of this section, the peak field strength shall not exceed 2500 millivolts/meter at 3 meters along the antenna azimuth.
Test Method:	Radiated emissions tests
Procedure:	ANSI C63.10-2013 section 6.6.4

4.4.1 E.U.T. Operation:

Operating Environment:					
Temperature:	23.4 °C	Humidity:	52.7 %	Atmospheric Pressure:	102 kPa
Pre test mode:	TM1				
Final test mode:	TM1				

4.4.2 Test Data:

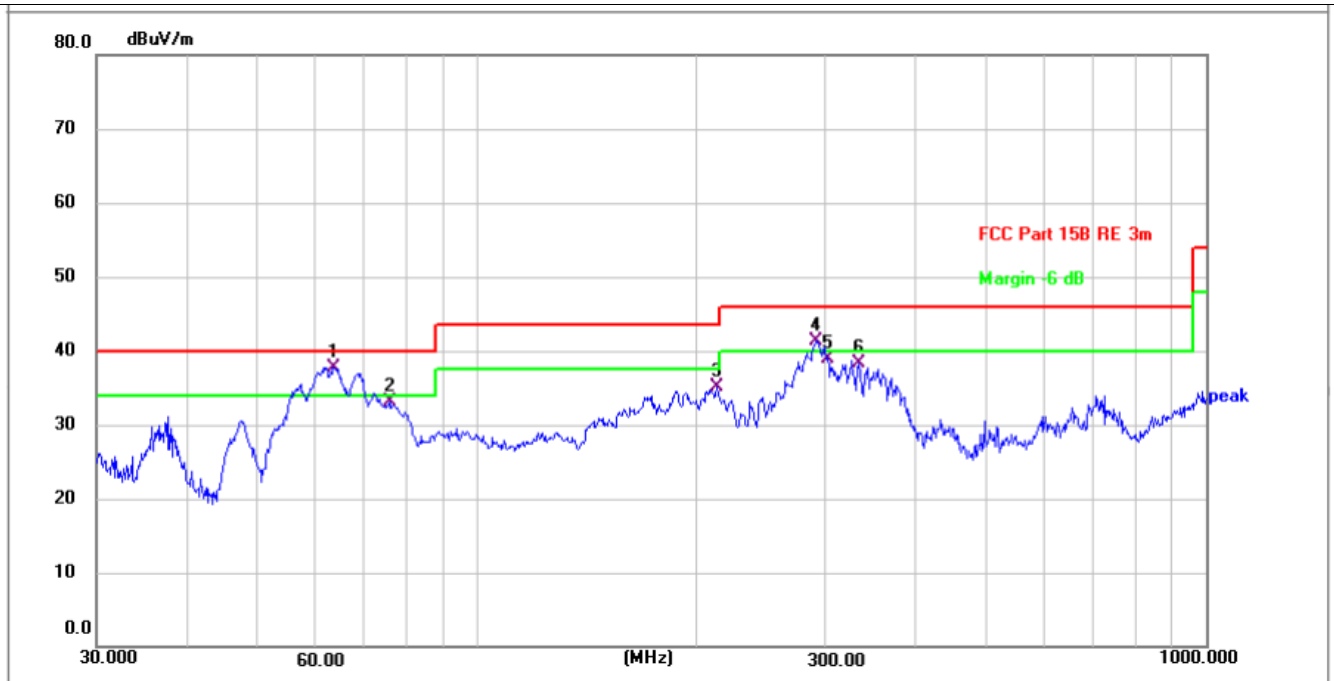
TM1 / Polarization: Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	215.2678	38.64	-2.69	35.95	43.50	-7.55	QP	100	241	P	
2 !	237.4760	43.74	-2.33	41.41	46.00	-4.59	QP	100	256	P	
3 !	259.2338	42.06	-1.61	40.45	46.00	-5.55	QP	100	245	P	
4 !	299.3158	43.94	0.65	44.59	46.00	-1.41	QP	100	145	P	
5 *	332.5187	43.30	1.40	44.70	46.00	-1.30	QP	100	236	P	
6 !	369.4047	40.90	1.62	42.52	46.00	-3.48	QP	100	248	P	

Remark: Margin=Level - Limit
Level=Test receiver reading + correction factor
Correction Factor= Antenna Factor + Cable loss – Pre-amplifier

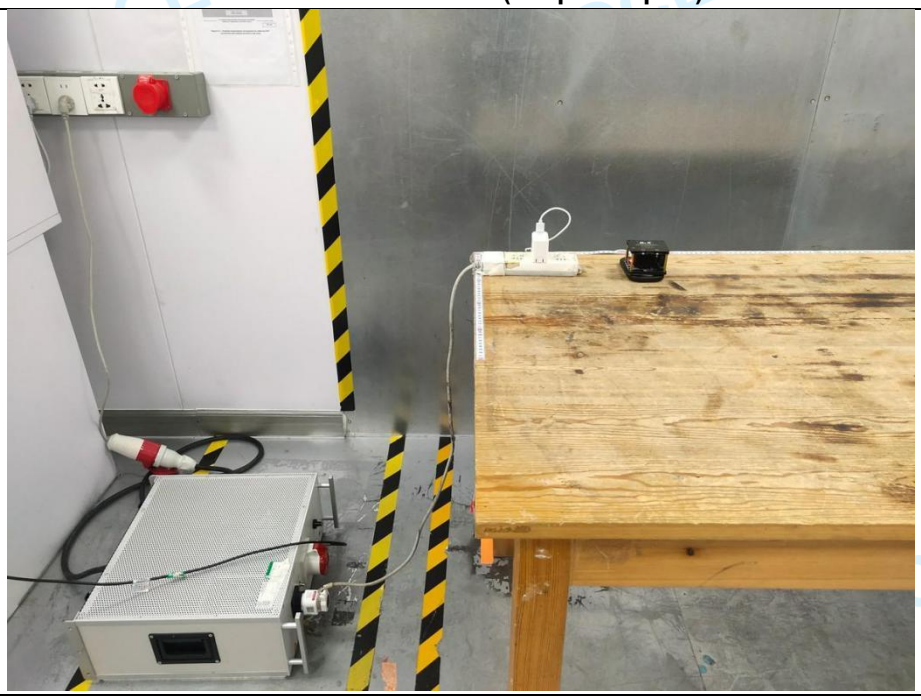
TM1 / Polarization: Vertical

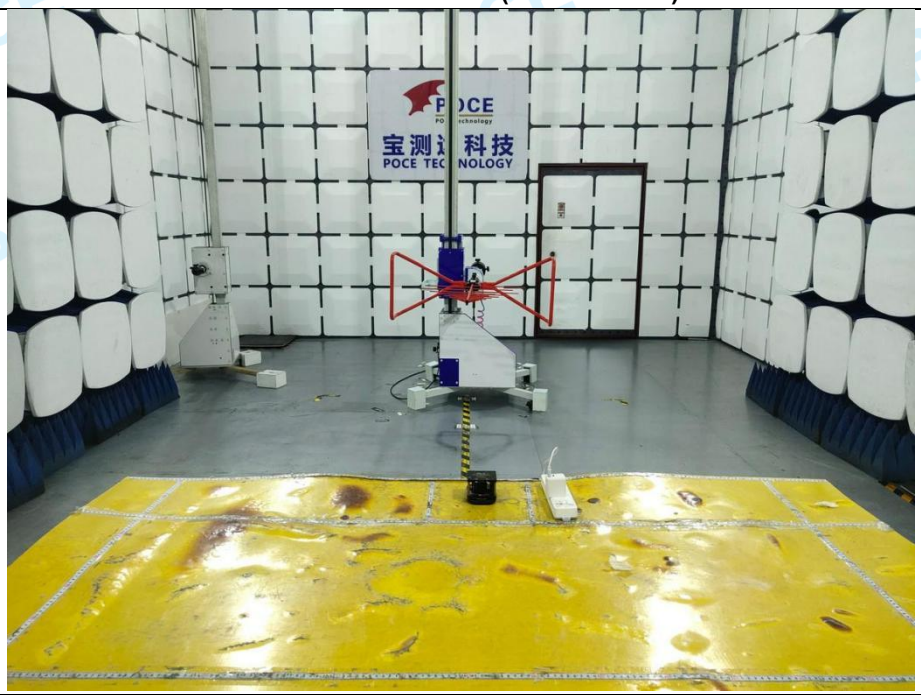


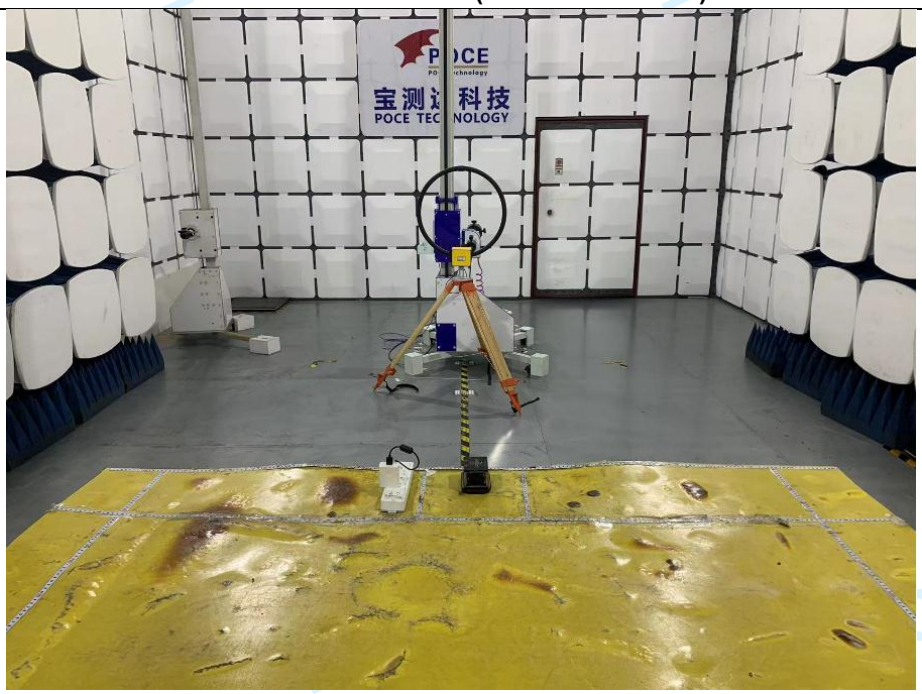
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1 *	63.5356	46.63	-8.87	37.76	40.00	-2.24	QP	100	47	P	
2	75.7114	41.11	-8.08	33.03	40.00	-6.97	QP	100	358	P	
3	213.0151	37.83	-2.73	35.10	43.50	-8.40	QP	100	254	P	
4 !	292.0583	41.82	-0.43	41.39	46.00	-4.61	QP	100	147	P	
5	302.4812	39.01	-0.07	38.94	46.00	-7.06	QP	100	54	P	
6	333.6867	37.81	0.48	38.29	46.00	-7.71	QP	100	145	P	

Remark: Margin=Level - Limit
Level=Test receiver reading + correction factor
Correction Factor= Antenna Factor + Cable loss – Pre-amplifier

5 TEST SETUP PHOTOS

Conducted emissions (AC power port)


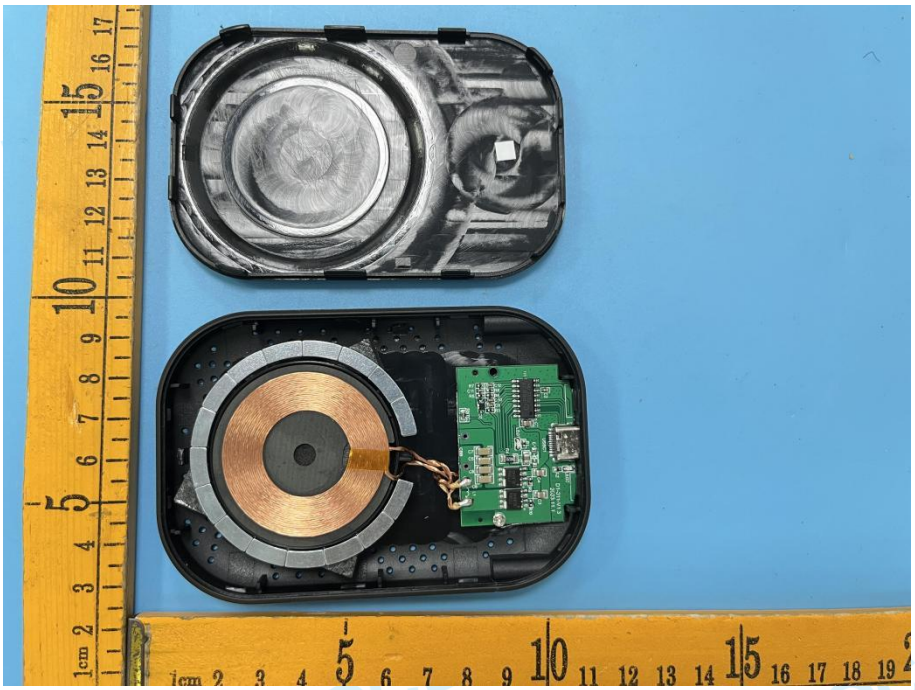
Radiated emissions (30MHz-1GHz)


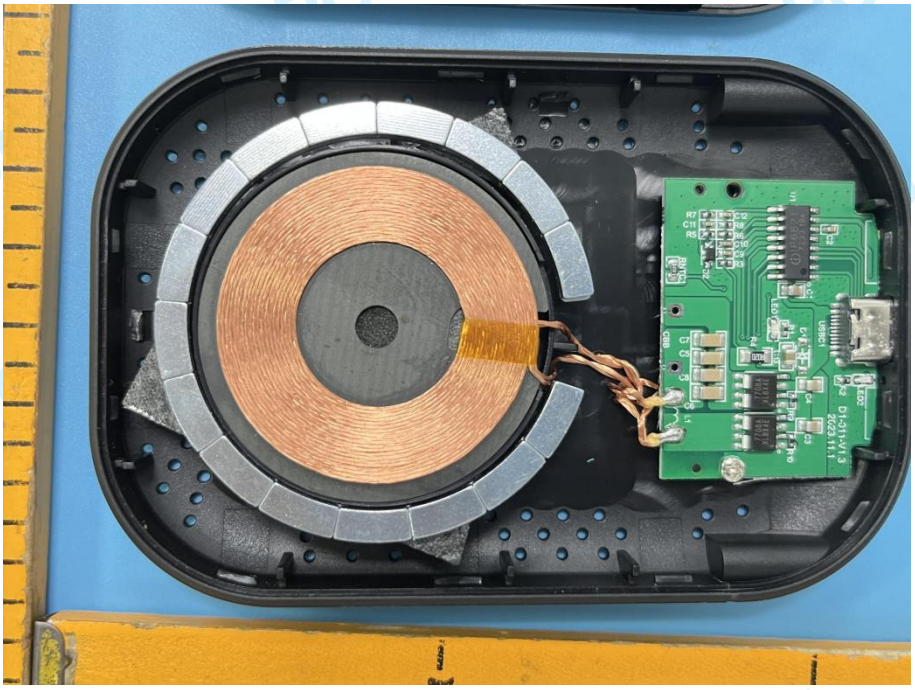
Radiated emissions (0.009MHz-30MHz)


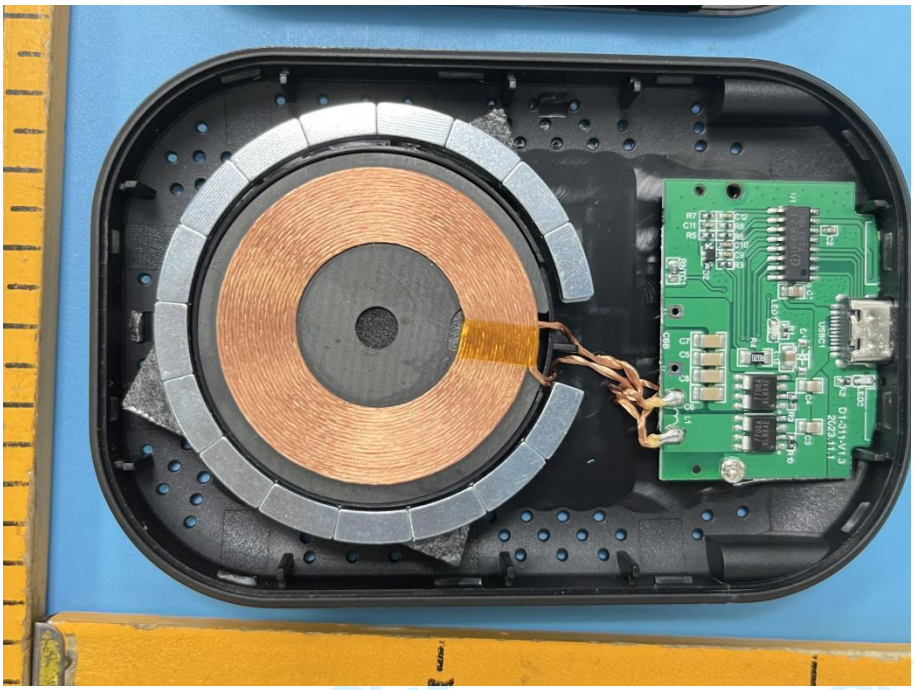
6 PHOTOS OF THE EUT

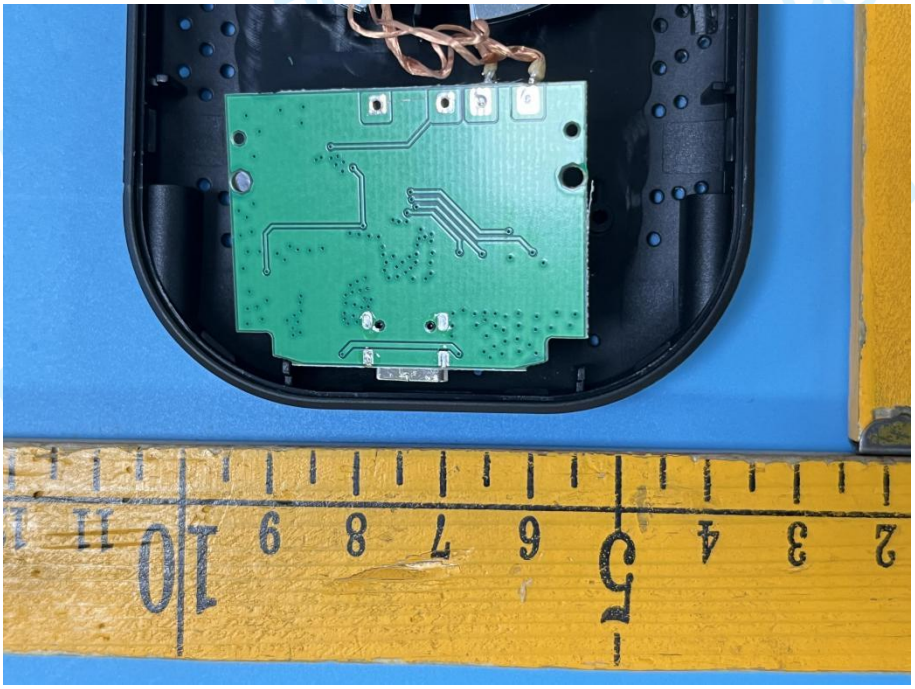

1cm 2 3 4 5 6 7 8 9 10

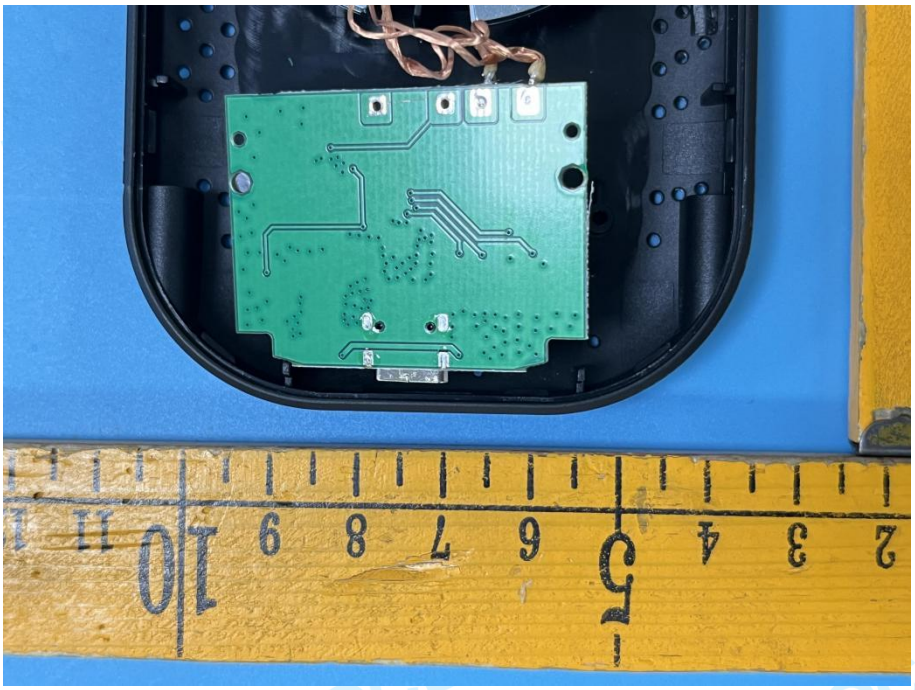

1cm 2 3 4 5 6 7 8 9 10 11











********** End of Report **********