

RF Test Report

For

Applicant name: Shenzhen Torras Technology Co., Ltd.
Address: RM1215, BLK C, Zhantao Technology BLDG, Minzhi Avenue, Minzhi ST, Longhua DIST, Shenzhen, China
EUT name: Power Bank
Brand name: TORRAS
Model number: PB26
Series model number: N/A
FCC ID: 2AN4Y-PB26

Issued By

Company name: BTF Testing Lab (Shenzhen) Co., Ltd.
Address: Plant 101, 201 and 301, Building 1, Block 2, Tantou Industrial Park, Tantou Community, Songgang Street, Bao'an District, Shenzhen, Guangdong, China
Report number: BTF251024R00601
Test standards: 47 CFR FCC Part 15C
Test conclusion: Pass
Date of sample receipt: 2025-10-24
Test date: 2025-10-24 to 2025-11-14
Date of issue: 2025-11-17
Test by: Sean He

Sean He / Tester

Prepared by:

Chris Liu
Chris Liu / Project engineer

Approved by



Ryan CJ / EMC Manager

Note: All the test results in this report only related to the testing samples. Which can be duplicated completely for the legal use with approval of applicant; it shall not be reproduced except in full without the written approval of BTF Testing Lab (Shenzhen) Co., Ltd., All the objections should be raised within thirty days from the date of issue. To validate the report, you can contact us.

Revision History		
Version	Issue date	Revisions content
R_V0	2025-11-17	Original
<i>Note:</i> <i>Once the revision has been made, then previous versions reports are invalid.</i>		

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1 Introduction

1.1 Laboratory Location

Test location:	BTF Testing Lab (Shenzhen) Co., Ltd.
Address:	Plant 101, 201 and 301, Building 1, Block 2, Tantou Industrial Park, Tantou Community, Songgang Street, Bao'an District, Shenzhen, Guangdong, China
Phone number:	+86-0755-23146130
Fax number:	+86-0755-23146130

1.2 Laboratory Facility

The test facility is recognized, certified, or accredited by the following organizations:

- **FCC - Designation No.: CN1409**
BTF Testing Lab (Shenzhen) Co., Ltd. has been accredited as a testing laboratory by FCC (Federal Communications Commission). The test firm Registration No. is 695374.
- **CNAS - Registration No.: CNAS L17568**
BTF Testing Lab (Shenzhen) Co., Ltd. is accredited to ISO/IEC 17025:2017 General Requirements for the Competence of Testing and Calibration laboratories for the competence of testing. The Registration No. is CNAS L17568.
- **A2LA - Registration No.: 6660.01**
BTF Testing Lab (Shenzhen) Co., Ltd. is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 General requirements for the competence of testing and calibration laboratories.

1.3 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 BTF 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.
- (7) All entrusted information in this report is provided by the client and has been confirmed through consultation with the client; The testing items for this report have been discussed and confirmed with the client, and our company is only responsible for the content reflected in the report.

2 Product Information

2.1 Application Information

Company name:	Shenzhen Torras Technology Co., Ltd.
Address:	RM1215, BLK C, Zhantao Technology BLDG, Minzhi Avenue, Minzhi ST, Longhua DIST, Shenzhen, China

2.2 Manufacturer Information

Company name:	Shenzhen Torras Technology Co., Ltd.
Address:	RM1215, BLK C, Zhantao Technology BLDG, Minzhi Avenue, Minzhi ST, Longhua DIST, Shenzhen, China

2.3 Factory Information

Company name:	Shenzhen Torras Technology Co., Ltd.
Address:	RM1215, BLK C, Zhantao Technology BLDG, Minzhi Avenue, Minzhi ST, Longhua DIST, Shenzhen, China

2.4 General Description of Equipment under Test (EUT)

EUT name:	Power Bank
Under test model name:	PB26
Series model name:	N/A
Description of model name differentiation:	N/A
Ratings:	USB-C Input: 5.0V---3.0A, 9.0V---3.0A, 12.0V---2.5A, 15.0V---2.0A USB-C Output: 5.0V---2.0A, 9.0V---3.0A, 10.0V---2.25A, 12.0V---3.0A, 15.0V---3.0A Output Power: 45W MAX Wireless Charging Output: 25W MAX USB-C+Wireless Charging Output: 15W MAX Lithium Battery Energy: 5000mAh/7.82V/39.1Wh 2 Cells In Series: Rated Capacity: 6000mAh(5.0V---2.0A)

2.5 Technical Information

Operation frequency:	120-150kHz, 350-370kHz
Modulation technology:	ASK
Antenna type:	Coil Antenna

3 Test Information

3.1 Test Standards

Identity	Document Title
47 CFR Part 15C	Intentional Radiators
ANSI C63.10-2020	American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices

3.2 Summary of Test

Clauses	Test Items	Result
§ 15.203	Antenna Requirement	Pass
§ 15.207	AC Power Line Conducted Emission	Pass
§ 15.215(c)	20dB Bandwidth	Pass
§ 15.209	Field Strength of Fundamental	Pass
§ 15.209	Field Strength of Spurious Emissions	Pass

Remark:

1. Pass: met the requirements.
2. N/A: not applicable.

3.3 Uncertainty of Test

Measurement	Value
Conducted Emission for LISN (9kHz ~ 150kHz)	±2.97 dB
Conducted Emission for LISN (150kHz ~ 30MHz)	±2.45 dB
Radiated Emission (9kHz ~ 30MHz)	±2.20 dB
Radiated Emission (30MHz ~ 1000MHz)	±4.80 dB
Radiated Emission (1GHz ~ 18GHz)	±4.82dB

The following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

3.4 Additions to, deviations, or exclusions from the method

None

3.5 Test Auxiliary Equipment

Description	Manufacturer	Model	Serial No.	Length	Description
Power Adapter	Apple Inc.	A2166	/	/	/
Xiaomi phone	/	/	/	/	/

3.6 Test Equipment List

Conducted Emission at AC power line					
Test Equipment	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
EMI Receiver	Rohde & Schwarz	ESCI3	101422	2025/10/17	2026/10/16
V-LISN	Schwarzbeck	NSLK 8127	01073	2025/8/23	2026/8/22
Coaxial Switcher	Schwarzbeck	CX210	CX210	/	/
Pulse Limiter	Schwarzbeck	VTSD 9561-F	00953	/	/
Test Software	Frad	EZ_EMCC	Version: EMC-CON 3A1.1+	/	/

20dB Occupied Bandwidth					
Test Equipment	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Spectrum Analyzer	Keysight	N9020A	MY50410020	2025/10/17	2026/10/16

Emissions in frequency bands (below 30MHz) Emissions in frequency bands (30MHz - 1GHz)					
Test Equipment	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
EMI Receiver	Rohde & Schwarz	ESCI7	101032	2025/10/17	2026/10/16
Signal Analyzer	Rohde & Schwarz	FSQ40	100010	2025/10/17	2026/10/16
Log periodic antenna	Schwarzbeck	VULB 9168	01328	2025/10/18	2026/10/17
Preamplifier (30MHz ~ 1GHz)	Schwarzbeck	BBV9744	00246	2025/5/26	2026/5/25
Loop Antenna	SCHWARZBECK	FMZB 1519 B	00059	2025/06/25	2027/06/24
Test Software	Frad	EZ_EMCC	Version: FA-03A2 RE+	/	/

4 Test Configuration

4.1 Environment Condition

Selected Values During Tests		
Temperature	Relative Humidity	Ambient Pressure
Normal: +0°C to -35°C Extreme: -0°C to +35°C	20% to 75%	86 kPa to 106 kPa

4.2 Test mode

Transmitting mode:	Keep the EUT in continuously transmitting mode with modulation
Remark: Per-scan all kind of data rate, and report only reflects the test data of worst data rate mode.	

4.3 Test procedure

AC Power Line Conducted Emission
The EUT is connected to the power mains through a LISN which provides 50 Ω /50 μ H of coupling impedance for the measuring instrument. The test frequency range is from 150 kHz to 30 MHz. The maximum conducted interference is searched using Peak (PK), Quasi-peak (QP) and Average (AV) detectors; the emission levels that are more than the AV and QP limits, and that have narrow margins from the AV and QP limits will be re-measured with AV and QP detectors. Tests for both L phase and N phase lines of the power mains connected to the EUT are performed.
Radiated test method
1. The EUT was placed on the tabletop of a rotating table 0.8 m the ground at a 3 m semi anechoic chamber. The measurement distance from the EUT to the receiving antenna is 3 m. 2. EUT works in each mode of operation that needs to be tested. The highest signal levels relative to the limit shall be determined by rotating the EUT from 0° to 360° and with varying the measurement antenna height between 1 m and 4 m in vertical and horizontal polarizations. 3. Open the test software to control the test antenna and test turntable. Perform the test, save the test results, and export the test data.
Conducted test method
1. The antenna port of EUT was connected to the test port of the test system through an RF cable. 2. The EUT is keeping in continuous transmission mode and tested in all modulation modes. 3. Open the test software, prepare a test plan, and control the system through the software. After the test is completed, the test report is exported through the test software.

5 Technical requirements specification

5.1 Summary of Test Result

Test Items	Limit	Test data	Verdict
Antenna Requirement	Please refer to §15.203	See Section 5.2	Pass
AC Power Line Conducted Emission	Please refer to §15.207	See Section 5.3	Pass
20dB Bandwidth	Please refer to § 15.215(c)	See Section 5.4	Pass
Field Strength of Fundamental	Please refer to §15.209	See Section 5.5	Pass
Field Strength of Spurious Emissions	Please refer to §15.209	See Section 5.6	Pass

5.2 Antenna Requirement

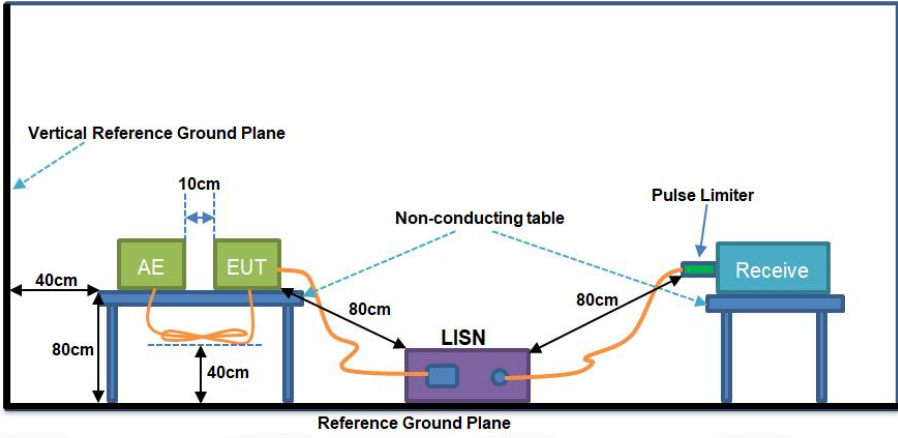
§15.203 requirement:

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.

E.U.T Antenna:

The WPT antenna is an Coil antenna which permanently attached, and the best case gain of the antenna is 0 dBi. See product internal photos for details.

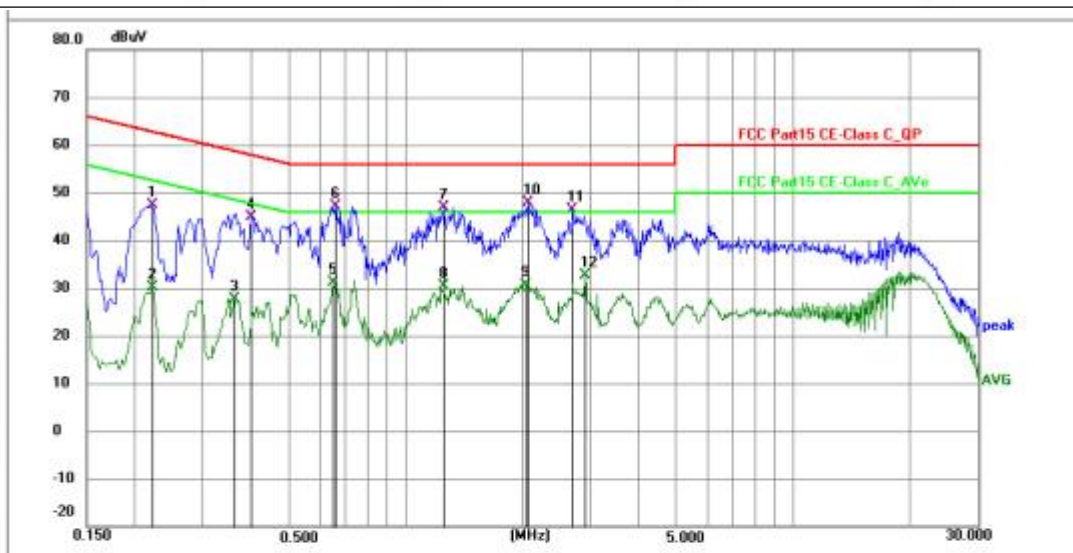
5.3 AC Power Line Conducted Emission

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 μ H/50 ohms line impedance stabilization network (LISN).		
Test Method:	ANSI C63.10-2020 section 6.2		
Test Limit:	Frequency of emission (MHz)	Conducted limit (dB μ V)	
		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.		
Procedure:	Refer to ANSI C63.10-2020 section 6.2, standard test method for ac power-line conducted emissions from unlicensed wireless devices		
Test Setup:			
Operating Environment:			
Temperature:	24.8 °C		
Humidity:	55 %		
Atmospheric Pressure:	1010 mbar		
Test voltage:	AC 120V 60Hz		

5.3.1 Test Result

Remark: The report only reflects the test data of worst mode.

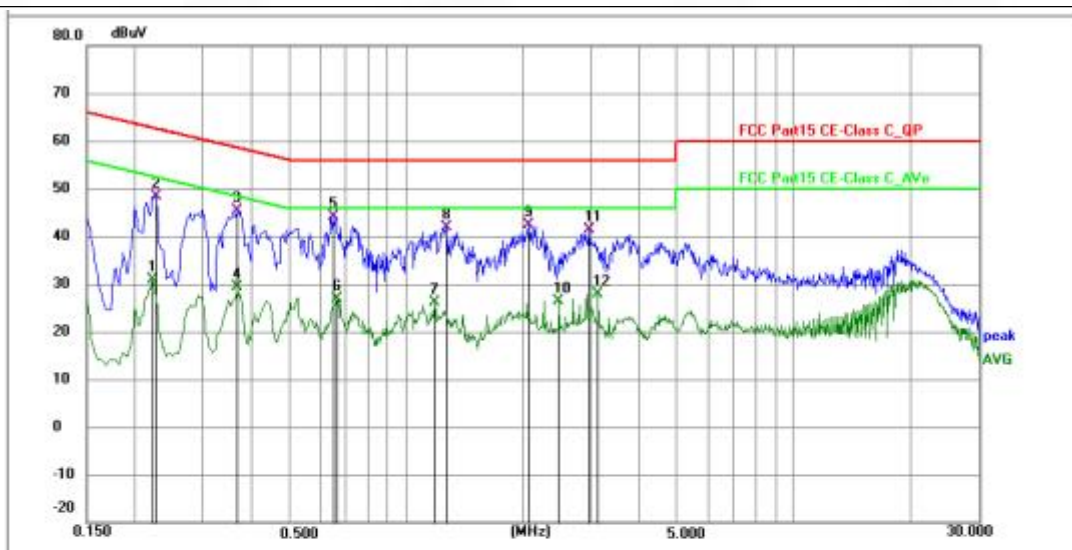
TM1 / Line: Line



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F	Remark
1	0.2220	36.64	10.69	47.33	62.74	-15.41	QP	P	
2	0.2220	19.44	10.69	30.13	52.74	-22.61	AVG	P	
3	0.3613	17.01	10.70	27.71	48.70	-20.99	AVG	P	
4	0.3975	34.21	10.70	44.91	57.91	-13.00	QP	P	
5	0.6491	20.43	10.65	31.08	46.00	-14.92	AVG	P	
6	0.6582	36.37	10.65	47.02	56.00	-8.98	QP	P	
7	1.2521	35.95	10.91	46.86	56.00	-9.14	QP	P	
8	1.2521	19.46	10.91	30.37	46.00	-15.63	AVG	P	
9	2.0490	20.00	10.69	30.69	46.00	-15.31	AVG	P	
10 *	2.0714	37.09	10.69	47.78	56.00	-8.22	QP	P	
11	2.6970	35.69	10.73	46.42	56.00	-9.58	QP	P	
12	2.9130	21.98	10.76	32.74	46.00	-13.26	AVG	P	

- Results (dBuV) = Reading (dBuV) + Factor (dB)
The reading level is calculated by software which is not shown in the sheet
- Factor = Insertion loss + Cable loss
- Over limit = Results – Limit.

TM1 / Line: Neutral

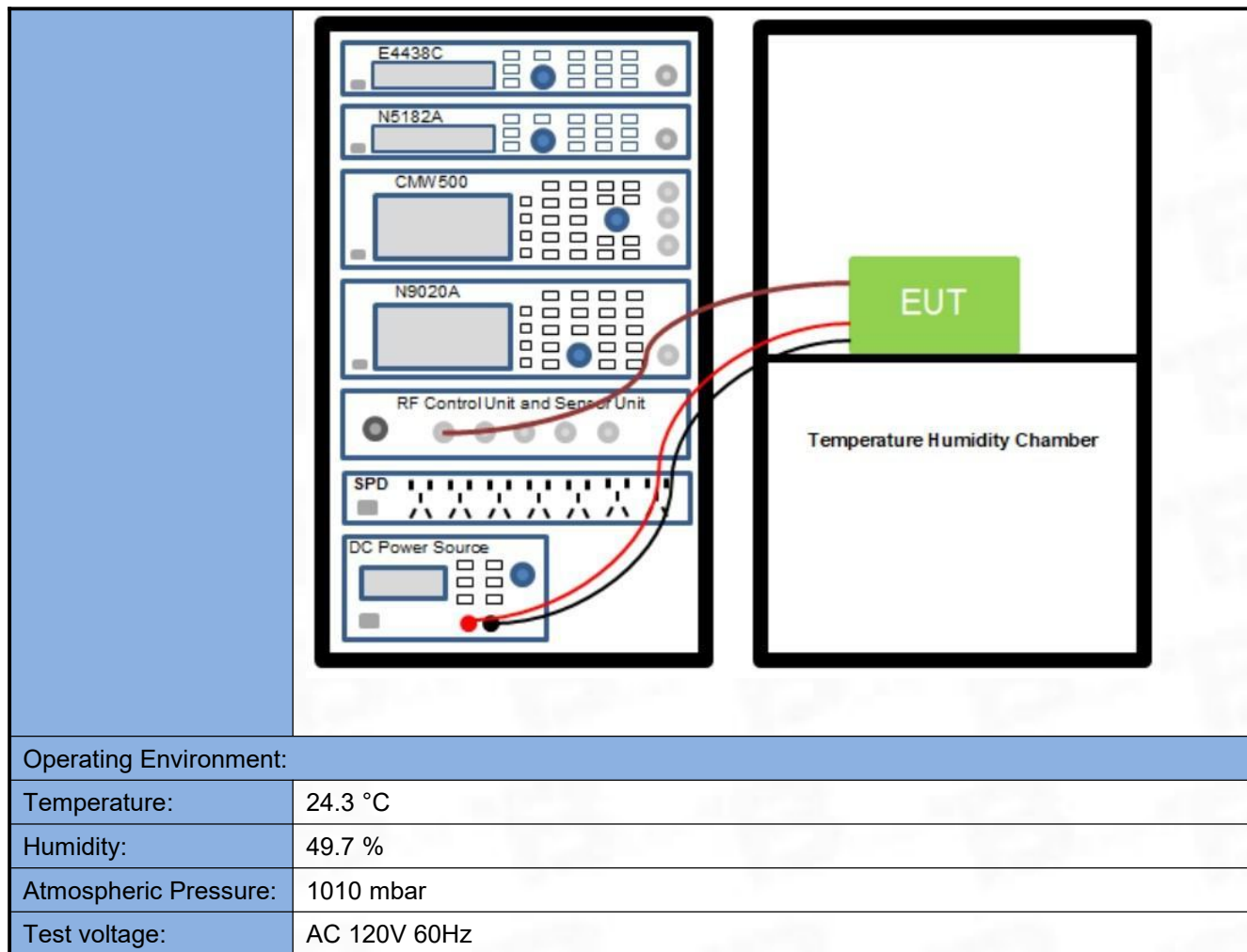


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F	Remark
1	0.2220	20.16	10.60	30.76	52.74	-21.98	AVG	P	
2	0.2265	37.67	10.61	48.28	62.58	-14.30	QP	P	
3	0.3660	34.73	10.71	45.44	58.59	-13.15	QP	P	
4	0.3660	18.55	10.71	29.26	48.59	-19.33	AVG	P	
5 *	0.6491	33.15	10.89	44.04	56.00	-11.96	QP	P	
6	0.6630	16.02	10.91	26.93	46.00	-19.07	AVG	P	
7	1.1895	15.26	10.98	26.24	46.00	-19.76	AVG	P	
8	1.2750	30.94	10.99	41.93	56.00	-14.07	QP	P	
9	2.0714	31.38	10.99	42.37	56.00	-13.63	QP	P	
10	2.4810	15.37	10.98	26.35	46.00	-19.65	AVG	P	
11	2.9670	30.34	10.96	41.30	56.00	-14.70	QP	P	
12	3.1290	16.98	10.95	27.93	46.00	-18.07	AVG	P	

- Results (dBuV) = Reading (dBuV) + Factor (dB)
The reading level is calculated by software which is not shown in the sheet
- Factor = Insertion loss + Cable loss
- Over limit = Results – Limit.

5.4 20dB Bandwidth

Test Requirement:	47 CFR Part 15.215(c)
Test Method:	ANSI C63.10-2020, section 6.9.2
Test Limit:	Refer to 47 CFR 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.
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 $[(\text{reference value}) - xx]$. 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).
Test Setup:	

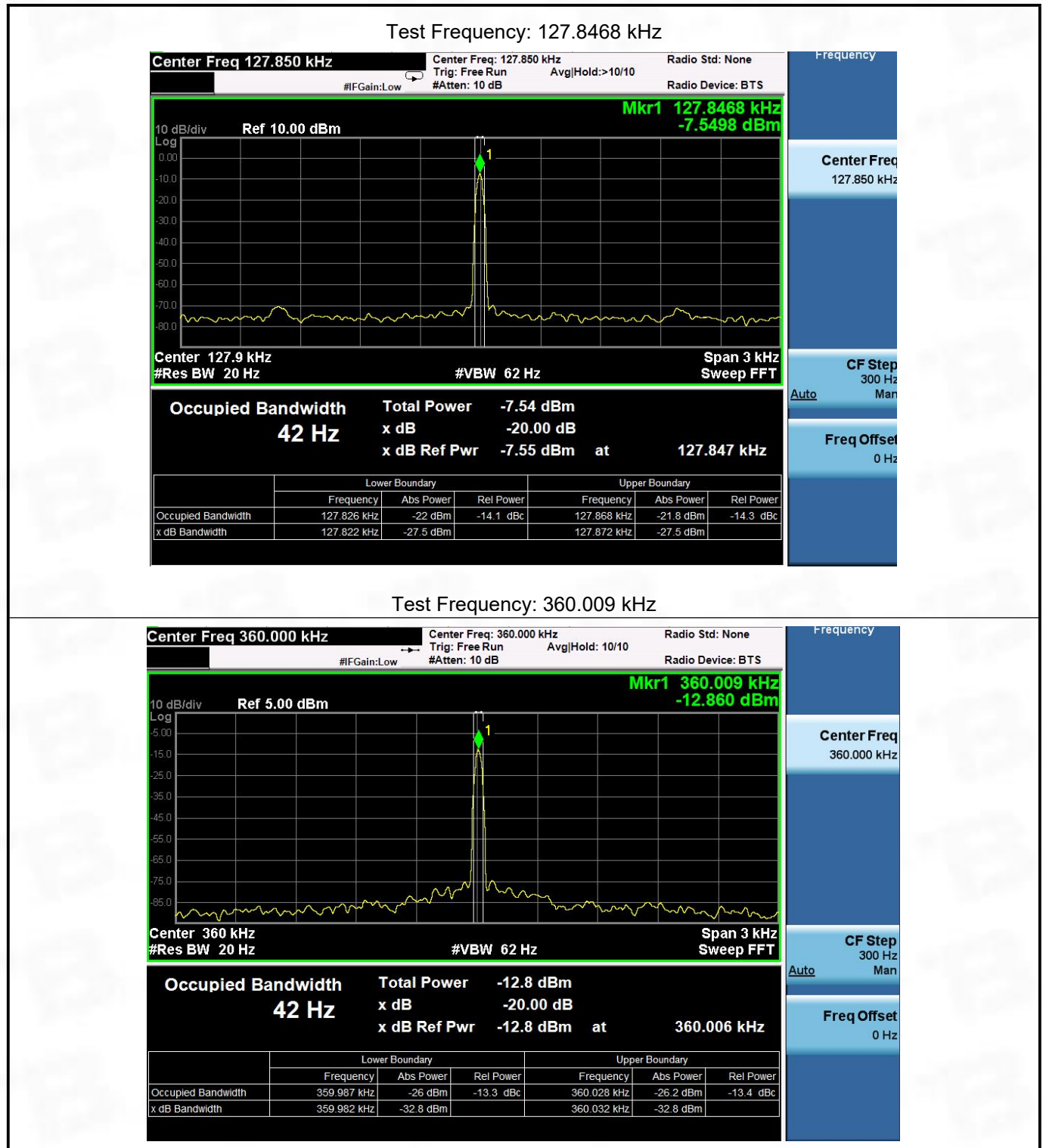


5.4.1 Test Result

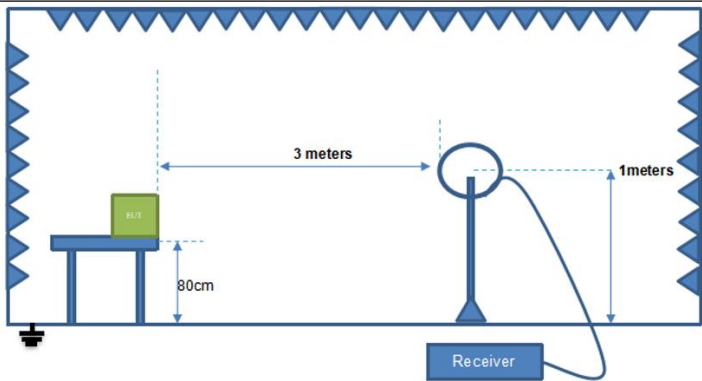
Test Frequency (kHz)	f _L (kHz)	f _H (kHz)	20dB Bandwidth (Hz)	Limits
127.850	127.822	127.872	50	N/A
360.009	359.982	360.032	50	N/A

Remark: The CW signal varies with the change of RBW, and it fails to meet the requirements of RBW ranging from 1% to 5%.

Test Plot as Follows:



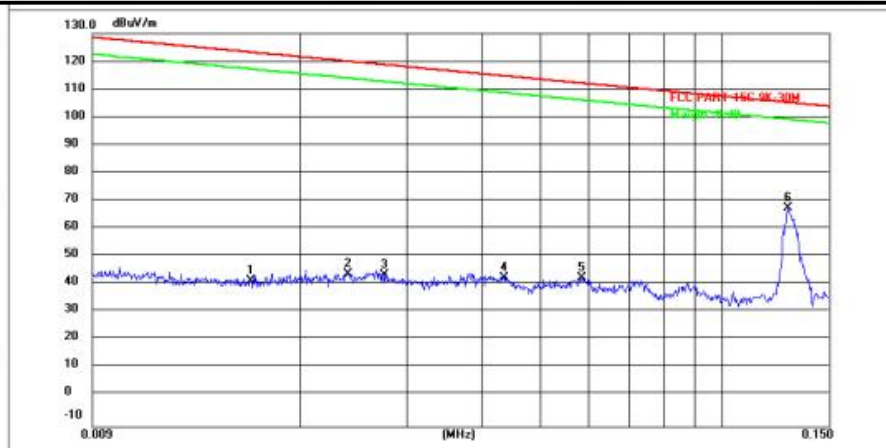
5.5 Field Strength of Spurious Emissions

Test Requirement:	47 CFR Part 15.209		
Test Method:	ANSI C63.10-2020 section 6.4		
Test Limit:	Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
	0.009-0.490	2400/F (kHz)	300
	0.490-1.705	24000/F (kHz)	30
	1.705-30.0	30	30
	30-88	100 **	3
	88-216	150 **	3
	216-960	200 **	3
	Above 960	500	3
	** 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. In the emission table above, the tighter limit applies at the band edges. 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. 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.		
Procedure:	ANSI C63.10-2020 section 6.4		
Test Setup:			
Operating Environment:			
Temperature:	24.3 °C		
Humidity:	49.7 %		
Atmospheric Pressure:	1010 mbar		
Test voltage:	AC 120V 60Hz		

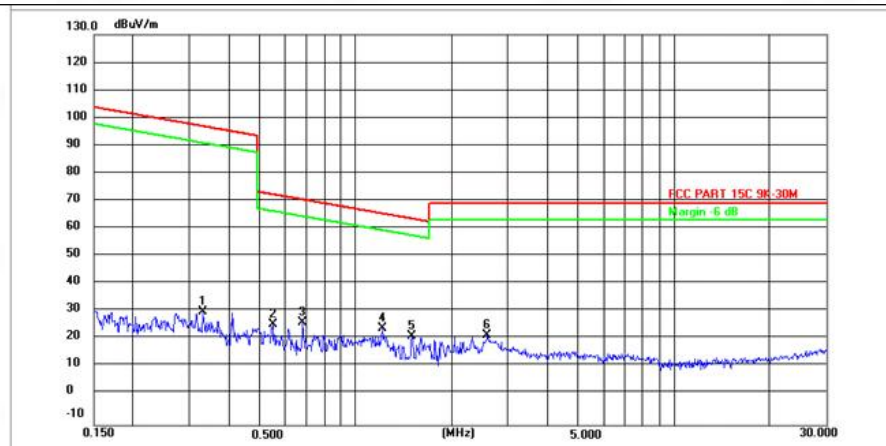
5.5.1 Test Result

Test Frequency (MHz)	Field strength(dBuV/m)	Limits
0.1285	67.76	105.42

Test Frequency: 9 kHz to 30 MHz, Coaxial :127.8468 kHz

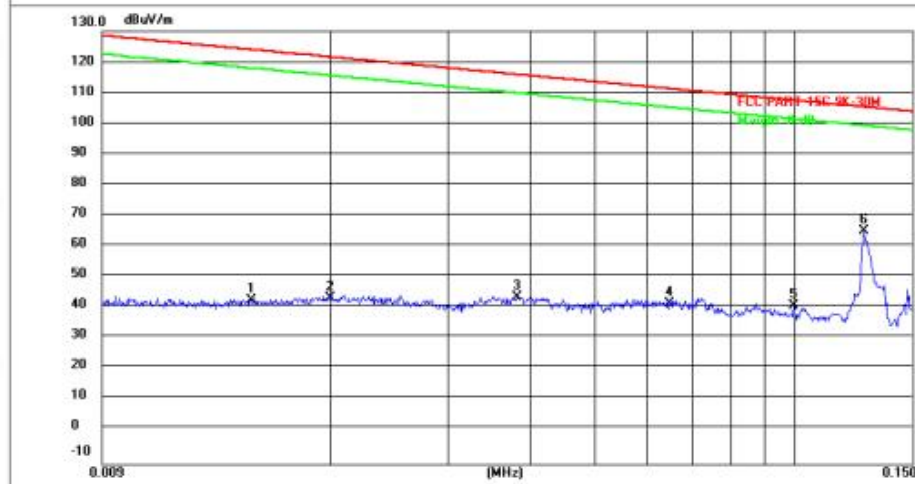


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	0.0165	72.28	-30.36	41.92	123.24	-81.32	peak	P
2	0.0240	74.94	-30.35	44.59	119.99	-75.40	peak	P
3	0.0275	74.26	-30.34	43.92	118.80	-74.88	peak	P
4	0.0434	73.47	-30.32	43.15	114.84	-71.69	peak	P
5	0.0584	73.46	-30.30	43.16	112.27	-69.11	peak	P
6 *	0.1285	97.99	-30.23	67.76	105.42	-37.66	peak	P

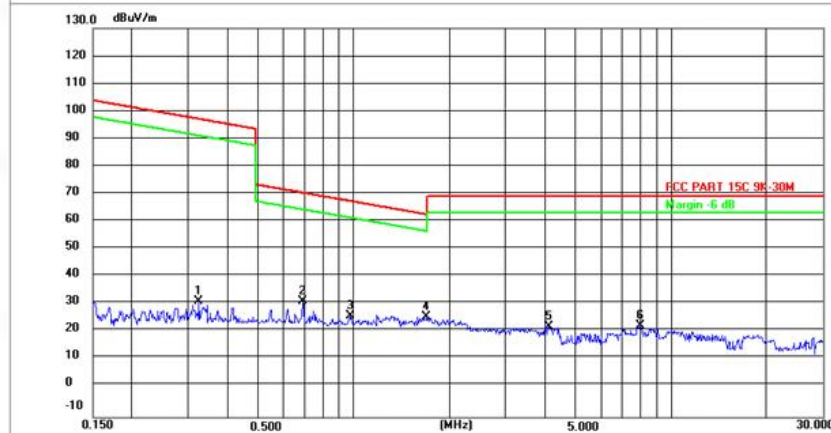


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	0.3285	60.15	-29.52	30.63	97.27	-66.64	peak	P
2	0.5463	55.26	-29.02	26.24	72.86	-46.62	peak	P
3	0.6824	55.59	-28.72	26.87	70.93	-44.06	peak	P
4 *	1.2130	52.31	-27.57	24.74	65.95	-41.21	peak	P
5	1.4993	49.02	-26.98	22.04	64.11	-42.07	peak	P
6	2.5874	47.25	-24.74	22.51	69.50	-46.99	peak	P

Test Frequency: 9 kHz to 30 MHz, Coplanar : 127.8468 kHz



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	0.0151	73.22	-30.36	42.86	124.01	-81.15	peak	P
2	0.0200	74.14	-30.35	43.79	121.57	-77.78	peak	P
3	0.0381	74.24	-30.33	43.91	115.97	-72.06	peak	P
4	0.0646	72.20	-30.29	41.91	111.39	-69.48	peak	P
5	0.0995	71.48	-30.24	41.24	107.64	-66.40	peak	P
6 *	0.1272	95.53	-30.23	65.30	105.51	-40.21	peak	P

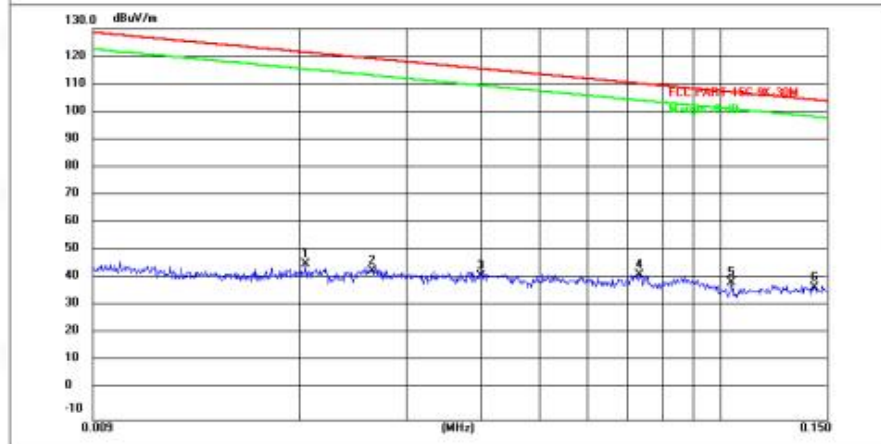


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	0.3240	61.48	-29.54	31.94	97.39	-65.45	peak	P
2	0.6900	60.45	-28.70	31.75	70.84	-39.09	peak	P
3	0.9787	54.65	-28.05	26.60	67.81	-41.21	peak	P
4 *	1.6980	52.70	-26.56	26.14	63.04	-36.90	peak	P
5	4.1028	44.50	-21.65	22.85	69.50	-46.65	peak	P
6	7.9984	36.73	-13.65	23.08	69.50	-46.42	peak	P

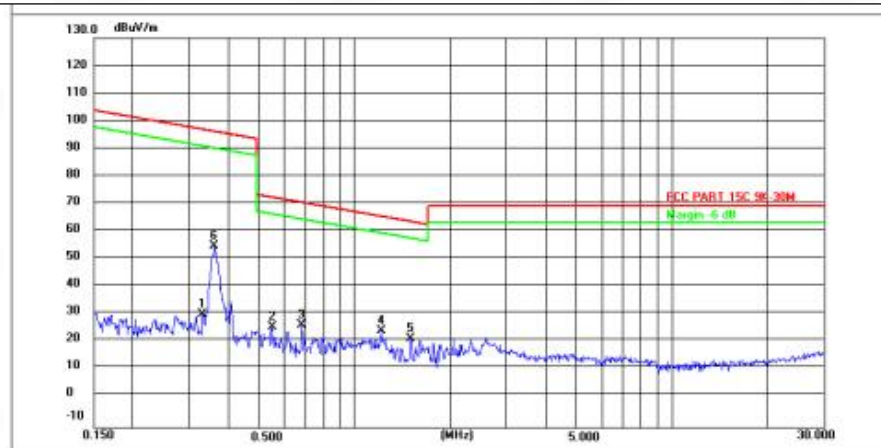
Note:Margin=Level-Limit=Reading+factor-Limit

Test Frequency (MHz)	Field strength(dBuV/m)	Limits
0.3602	55.11	96.47

Test Frequency: 9 kHz to 30 MHz, Coaxial :360.02kHz

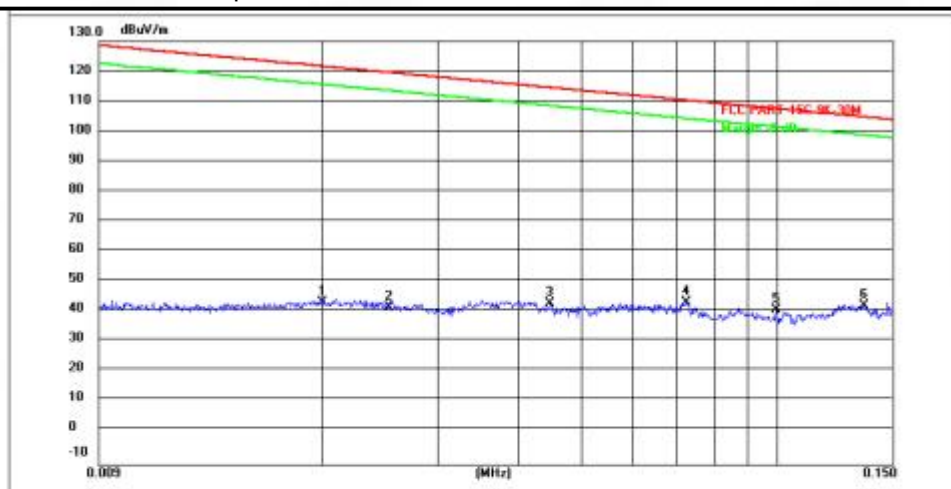


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	0.0204	76.16	-30.35	45.81	121.40	-75.59	peak	P
2	0.0263	73.67	-30.35	43.32	119.19	-75.87	peak	P
3	0.0400	72.13	-30.33	41.80	115.55	-73.75	peak	P
4	0.0734	72.13	-30.28	41.85	110.28	-68.43	peak	P
5	0.1043	69.43	-30.24	39.19	107.23	-68.04	peak	P
6 *	0.1433	67.24	-29.95	37.29	104.47	-67.18	peak	P

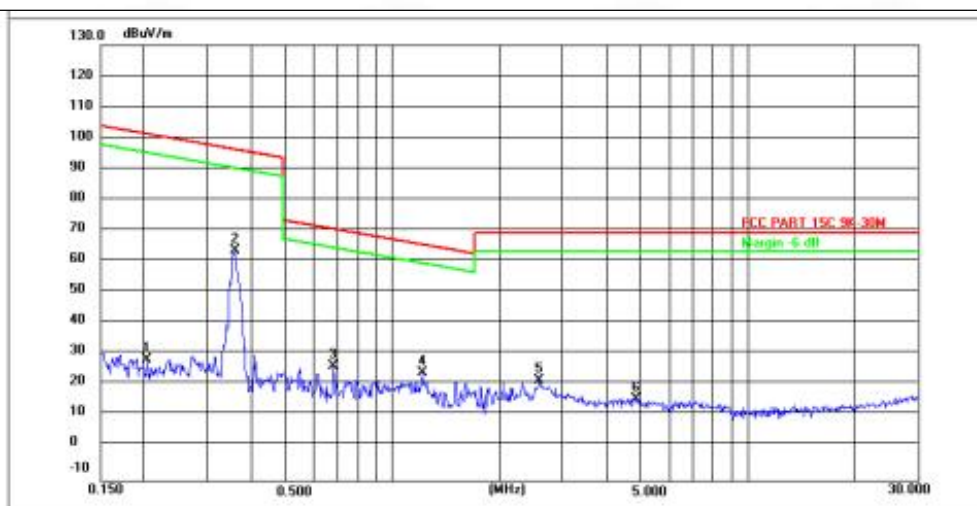


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	0.3285	60.15	-29.52	30.63	97.27	-66.64	peak	P
2	0.5463	55.26	-29.02	26.24	72.86	-46.62	peak	P
3	0.6824	55.59	-28.72	26.87	70.93	-44.06	peak	P
4 *	1.2130	52.31	-27.57	24.74	65.95	-41.21	peak	P
5	1.4993	49.02	-26.98	22.04	64.11	-42.07	peak	P
6	0.3602	84.56	-29.45	55.11	96.47	-41.36	peak	P

Test Frequency: 9 kHz to 30 MHz, Coplanar : 360.02 kHz



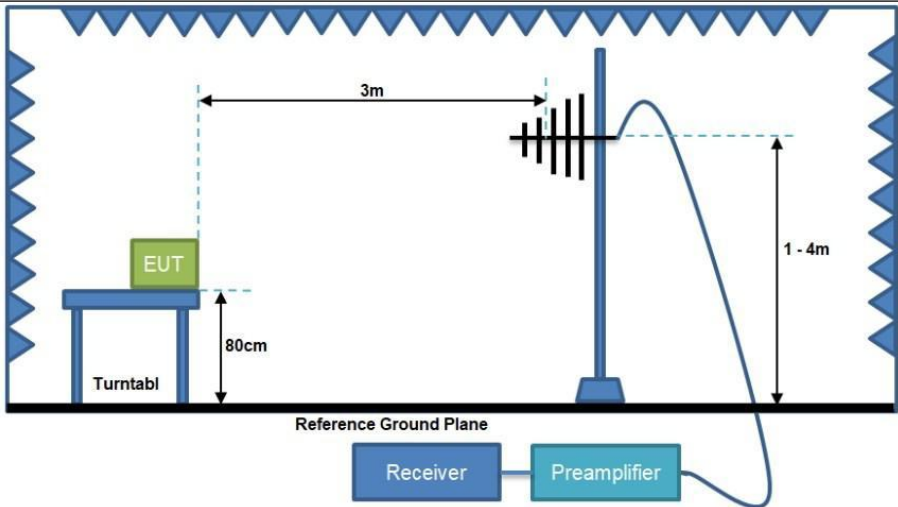
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	0.0200	74.14	-30.35	43.79	121.57	-77.78	peak	P
2	0.0252	72.27	-30.35	41.92	119.56	-77.64	peak	P
3	0.0446	73.73	-30.32	43.41	114.61	-71.20	peak	P
4	0.0723	74.05	-30.28	43.77	110.41	-66.64	peak	P
5	0.0995	71.48	-30.24	41.24	107.64	-66.40	peak	P
6 *	0.1360	72.61	-29.95	42.66	104.93	-62.27	peak	P



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	0.2033	58.92	-29.81	29.11	101.44	-72.33	peak	P
2 *	0.3602	93.56	-29.45	64.11	96.47	-32.36	peak	P
3	0.6824	55.59	-28.72	26.87	70.93	-44.06	peak	P
4	1.2130	52.31	-27.57	24.74	65.95	-41.21	peak	P
5	2.5874	47.25	-24.74	22.51	69.50	-46.99	peak	P
6	4.8224	36.53	-20.18	16.35	69.50	-53.15	peak	P

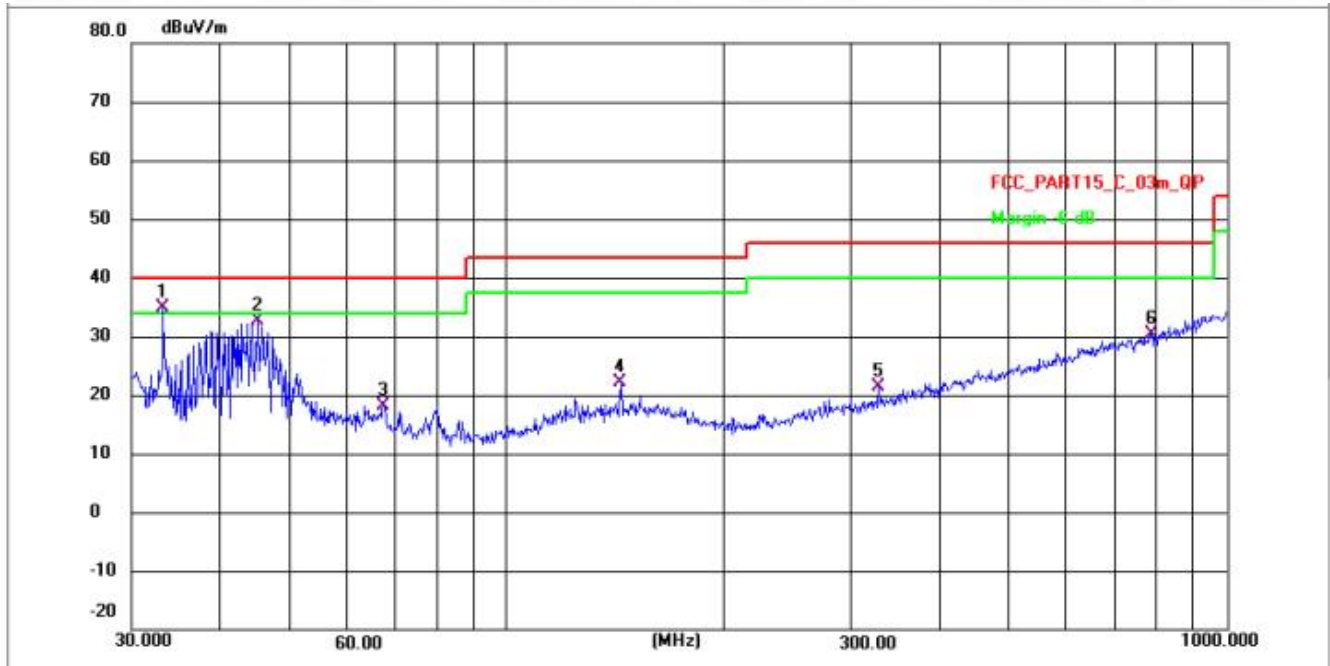
Note:Margin=Level-Limit=Reading+factor-Limit

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

Test Requirement:	47 CFR Part 15.209		
Test Method:	ANSI C63.10-2020 section 6.5		
Test Limit:	Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
	0.009-0.490	2400/F(kHz)	300
	0.490-1.705	24000/F(kHz)	30
	1.705-30.0	30	30
	30-88	100 **	3
	88-216	150 **	3
	216-960	200 **	3
	Above 960	500	3
	** 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. In the emission table above, the tighter limit applies at the band edges. 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. 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.		
Procedure:	ANSI C63.10-2020 section 6.5		
Test Setup:			
Operating Environment:			
Temperature:	24.6 °C		
Humidity:	55 %		

Atmospheric Pressure:	1010 mbar
Test voltage:	AC 120V 60Hz

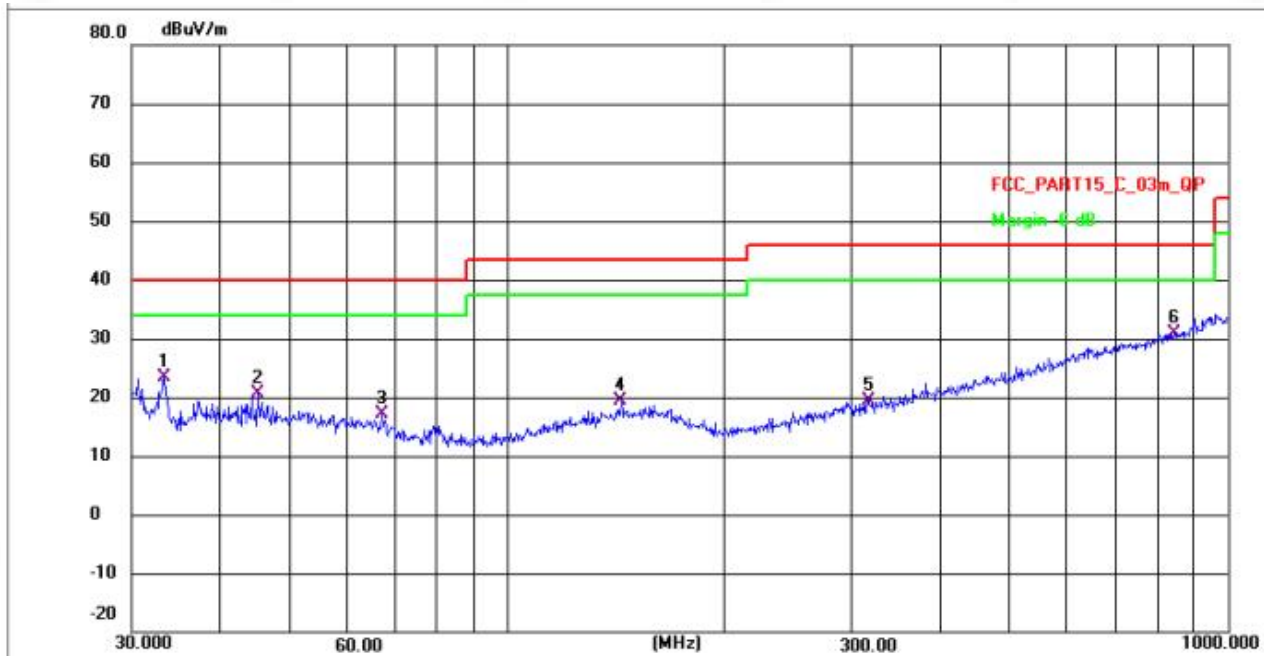
Test Frequency: 30 MHz to 1 GHz, Vertical



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1 *	33.2112	49.46	-14.47	34.99	40.00	-5.01	QP	P
2	44.9794	47.01	-14.33	32.68	40.00	-7.32	QP	P
3	67.3201	32.14	-14.04	18.10	40.00	-21.90	QP	P
4	144.0819	33.73	-11.56	22.17	43.50	-21.33	QP	P
5	328.4627	30.36	-8.89	21.47	46.00	-24.53	QP	P
6	786.4712	48.15	-17.83	30.32	46.00	-15.68	QP	P

Note: Margin = Level - Limit = Reading + factor - Limit

Test Frequency: 30 MHz to 1 GHz, Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	33.3279	37.80	-14.47	23.33	40.00	-16.67	QP	P
2	44.9794	34.88	-14.33	20.55	40.00	-19.45	QP	P
3	66.9669	31.27	-14.04	17.23	40.00	-22.77	QP	P
4	144.0819	41.56	-22.06	19.50	43.50	-24.00	QP	P
5	317.7011	39.85	-20.48	19.37	46.00	-26.63	QP	P
6 *	843.6074	48.15	-17.15	31.00	46.00	-15.00	QP	P

Note: Margin = Level - Limit = Reading + factor - Limit

6 Test Setup Photos

Please refer to the Appendix I Test Setup Photos

7 EUT Constructional Details (EUT Photos)

Please refer to the Appendix II External Photos & Appendix III External Photos



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--END OF REPORT--