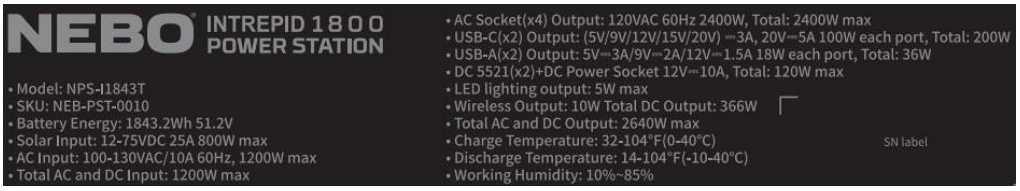
FCC Test Report

Report No.	:	**1811C50271612501**
Applicant	:	**Alliance Sports Group., LP**
Address	:	**700 Henrietta Creek Rd. Roanoke, TX 76262, Roanoke, Texas 76262 United States**
Product Name	:	**INTREPID 1800 POWER STATION**
Report Date	:	**2025-08-27**

Shenzhen Anbotek Compliance Laboratory Limited

Contents

TEST REPORT

Applicant	:	Alliance Sports Group., LP
Manufacturer	:	Huizhou Intelligent Energy Co., Ltd.
Product Name	:	INTREPID 1800 POWER STATION
Model No.	:	NPS-I1843T
Trade Mark	:	NEBO
Rating(s)	:	

Test Standard(s) : **47 CFR Part 15.209**
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 above listed standard(s) 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: 2025-08-01

Date of Test: 2025-08-01 to 2025-08-20

Prepared By: Cecilia Chen
(Cecilia Chen)

Approved & Authorized Signer: Hugo Chen
(Hugo Chen)

Revision History

Report Version	Description	Issued Date
R00	Original Issue.	2025-08-27

1. General Information

1.1. Client Information

Applicant	:	Alliance Sports Group., LP
Address	:	700 Henrietta Creek Rd. Roanoke, TX 76262, Roanoke, Texas 76262 United States
Manufacturer	:	Huizhou Intelligent Energy Co., Ltd.
Address	:	8-9/F, Bldg.E2, Qunyi Industrial Park, Sanhe Avenue, Tonghu Town, Zhongkai High-tech Zone, HuiZhou, China
Factory1	:	Huizhou Intelligent Energy Co., Ltd.
Address	:	8-9/F, Bldg.E2, Qunyi Industrial Park, Sanhe Avenue, Tonghu Town, Zhongkai High-tech Zone, HuiZhou, China
Factory2	:	IE POWER CO., LTD.
Address	:	NO. 268 Room No.3-201 Moo.7, Bang Sao Thong Subdistrict, Bang Sao Thong District, Samut Prakan Province 10570, China

1.2. Description of Device (EUT)

Product Name	:	INTREPID 1800 POWER STATION
Model No.	:	NPS-I1843T
Trade Mark	:	NEBO
Test Power Supply	:	AC 120V/60Hz
Test Sample No.	:	1-2-1(Normal Sample), 1-2-2(Engineering Sample)
Adapter	:	N/A
RF Specification		
Operation Frequency	:	112kHz~205kHz
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 load	BAECOAR	15W Smart wireless charger fixture wireless charging	/

1.4. Description of Test Modes

Pretest Modes	Descriptions
TM1	Adapter+WPT Mode (10W 1% Load)
TM2	Adapter+WPT Mode (10W 50% Load)
TM3	Adapter+WPT Mode (10W 99% Load)
TM4	Standby Mode

1.5. Measurement Uncertainty

Parameter	Uncertainty
Conducted emissions (AMN 150kHz~30MHz)	3.2dB
Occupied Bandwidth	925Hz
Radiated emissions (Below 30MHz)	3.26dB
Radiated spurious emissions (30MHz~1GHz)	Horizontal: 4.44dB; Vertical: 4.82dB
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.	

1.6. Test Summary

Test Items	Test Modes	Status
Antenna requirement	/	P
Conducted Emission at AC power line	Mode1,2,3,4	P
20dB Occupied Bandwidth	Mode1,2,3,4	P
Emissions in restricted frequency bands (below 30MHz)	Mode1,2,3,4	P
Emissions in restricted frequency bands (30MHz - 1GHz)	Mode1,2,3,4	P
Note: P: Pass N: N/A, not applicable		

1.7. Description of Test Facility

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

FCC-Registration No.:279531
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. 279531.

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.

1.8. 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.
7. The data in this report will be synchronized with the corresponding national market supervision and management departments and cross-border e-commerce platforms as required by regulatory agencies.

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

1.9. Test Equipment List

Conducted Emission at AC power line						
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
1	L.I.S.N. Artificial Mains Network	Rohde & Schwarz	ENV216	100055	2024-09-09	2025-09-08
2	Software Name EZ-EMC	Farad Technology	ANB-03A	N/A	/	/
3	EMI Test Receiver(CE2#)	Rohde & Schwarz	ESPI3	100926	2024-09-09	2025-09-08
4	Three Phase V-type Artificial Power Network LISN 200A	EMtrace	PWL-50-3200A	2404	2025-02-21	2026-02-20

20dB Occupied Bandwidth						
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
1	Constant Temperature Humidity Chamber	ZHONGJIAN	ZJ-KHWS80B	N/A	2024-10-14	2025-10-13
2	DC Power Supply	IVYTECH	IV3605	1804D360510	2024-09-09	2025-09-08
3	Spectrum Analyzer	Rohde & Schwarz	FSV40-N	102150	2025-04-25	2026-04-24
4	MXA Spectrum Analysis	KEYSIGHT	N9020A	MY50531823	2024-09-09	2025-09-08
5	Oscilloscope	Tektronix	MDO3012	C020298	2024-10-10	2025-10-09
6	MXG RF Vector Signal Generator	Agilent	N5182A	MY47420647	2025-01-14	2026-01-13

Emissions in frequency bands (below 30MHz)						
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
1	EMI Test Receiver(RE2/3#)	Rohde & Schwarz	ESR26	101481	2025-01-14	2026-01-13
2	Pre-amplifier	SONOMA	310N	186860	2025-01-14	2026-01-13
3	Loop Antenna (9K-30M)	Schwarzbeck	FMZB1519 B	00053	2024-09-12	2025-09-11
4	Software Name EZ-EMC	Farad Technology	ANB-03A	N/A	/	/

Emissions in frequency bands (30MHz - 1GHz)						
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
1	EMI Test Receiver(RE2/3#)	Rohde & Schwarz	ESR26	101481	2025-01-14	2026-01-13
2	Pre-amplifier	SONOMA	310N	186860	2025-01-14	2026-01-13
3	Bilog Broadband Antenna	Schwarzbeck	VULB9163	345	2022-10-23	2025-10-22
4	EMI Preamplifier	SKET Electronic	LNPA-0118G-45	SKET-PA-002	2025-01-13	2026-01-12
5	Double Ridged Horn Antenna	SCHWARZBECK	BBHA 9120D	02555	2022-10-16	2025-10-15
6	Loop Antenna (9K-30M)	Schwarzbeck	FMZB1519 B	00053	2024-09-12	2025-09-11
7	EMI Test Software EZ-EMC	SHURPLE	N/A	N/A	/	/
8	MXA Spectrum Analysis	Agilent	N9020A	MY51170037	2024-09-09	2025-09-08
9	MXG RF Vector Signal Generator	Agilent	N5182A	MY47420822	2025-02-21	2026-02-20
10	DC Power Supply	LW	TPR-6420D	374470	2024-10-17	2025-10-16
11	Constant Temperature Humidity Chamber	ZHONGJIAN	ZJ-KHWS80B	N/A	2024-10-14	2025-10-13
12	Wideband Radio Communication Tester	Rohde & Schwarz	CMW 500	167336	2025-02-21	2026-02-20
13	High-Pass Filter	CDKMV	ZHPF-BM1100-4730	B2015094550	2024-10-17	2025-10-16
14	High-Pass Filter	CDKMV	ZHPF-M3.5-18G-3834	1307006523	2024-10-17	2025-10-16

2. 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.

2.1. Conclusion

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

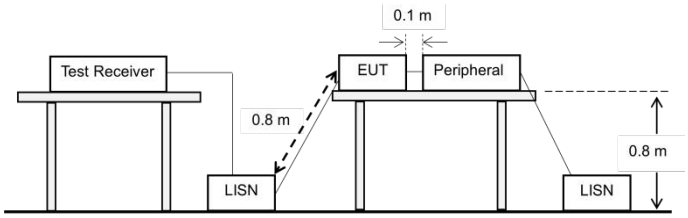
3. Conducted Emission at AC power line

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:	ANSI C63.10-2020 section 6.2
Procedure:	Refer to ANSI C63.10-2020 section 6.2, standard test method for ac power-line conducted emissions from unlicensed wireless devices

3.1. EUT Operation

Operating Environment:	
Test mode:	1: TM1: Adapter+WPT Mode (10W 1% Load) 2: TM2: Adapter+WPT Mode (10W 50% Load) 3: TM3: Adapter+WPT Mode (10W 99% Load) 4: TM4: Standby Mode

3.2. Test Setup

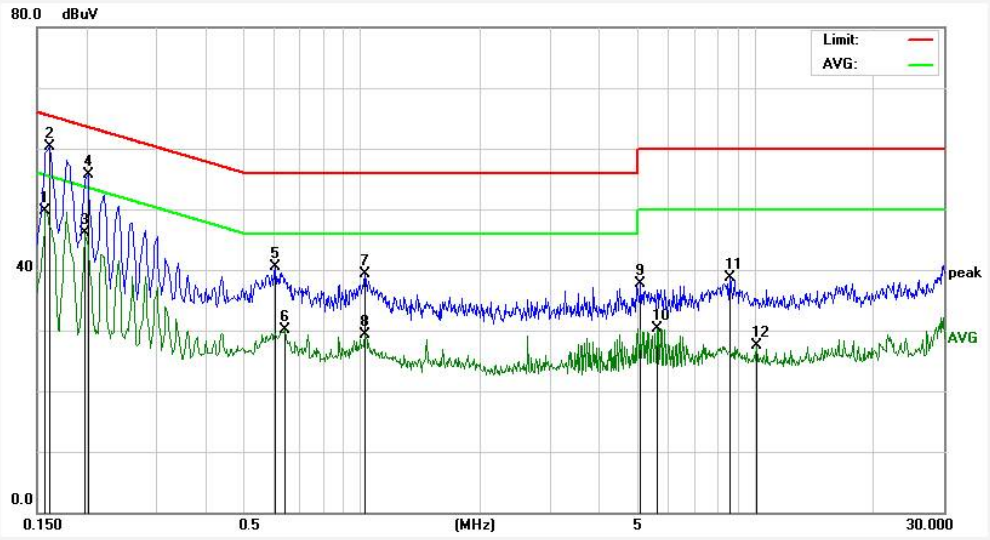


3.3. Test Data

Temperature:	22.4 °C	Humidity:	49 %	Atmospheric Pressure:	101 kPa

TM1 / Line: Line

Test Power Supply: AC 120V/60Hz

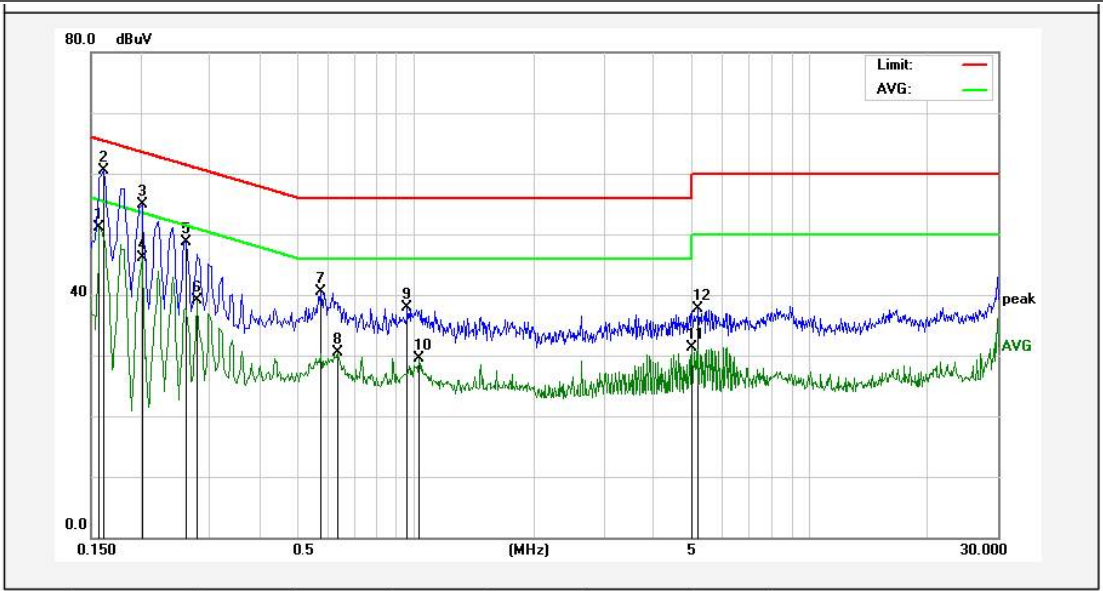


No.	Freq. (MHz)	Reading (dBuV)	Factor (dB)	Result (dBuV)	Limit (dBuV)	Over Limit (dB)	Detector	Remark
1	0.1580	21.95	27.84	49.79	55.56	-5.77	AVG	
2	0.1620	32.37	27.84	60.21	65.36	-5.15	QP	
3	0.1980	18.24	27.84	46.08	53.69	-7.61	AVG	
4	0.2020	27.85	27.84	55.69	63.52	-7.83	QP	
5	0.6058	12.63	27.87	40.50	56.00	-15.50	QP	
6	0.6419	2.32	27.87	30.19	46.00	-15.81	AVG	
7	1.0260	11.35	27.86	39.21	56.00	-16.79	QP	
8	1.0260	1.37	27.86	29.23	46.00	-16.77	AVG	
9	5.0857	9.92	27.86	37.78	60.00	-22.22	QP	
10	5.6017	2.50	27.86	30.36	50.00	-19.64	AVG	
11	8.5579	10.75	27.94	38.69	60.00	-21.31	QP	
12	10.1059	-0.52	27.99	27.47	50.00	-22.53	AVG	

Temperature:	22.4 °C	Humidity:	49 %	Atmospheric Pressure:	101 kPa

TM1 / Line: Neutral

Test Power Supply: AC 120V/60Hz



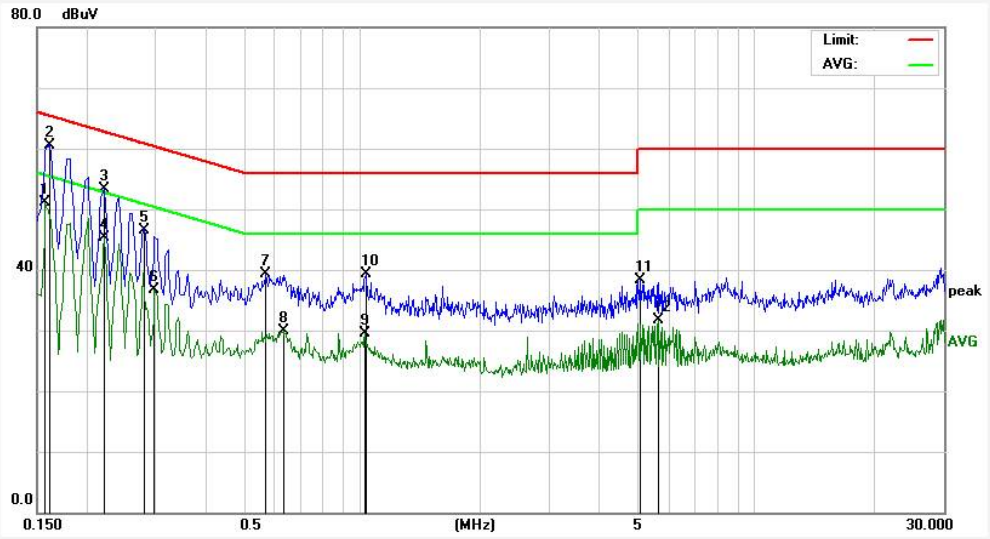
No.	Freq. (MHz)	Reading (dBuV)	Factor (dB)	Result (dBuV)	Limit (dBuV)	Over Limit (dB)	Detector	Remark
1	0.1580	23.18	27.84	51.02	55.56	-4.54	AVG	
2	0.1620	32.69	27.84	60.53	65.36	-4.83	QP	
3	0.2020	26.98	27.84	54.82	63.52	-8.70	QP	
4	0.2020	18.22	27.84	46.06	53.52	-7.46	AVG	
5	0.2620	20.84	27.84	48.68	61.36	-12.68	QP	
6	0.2779	11.20	27.84	39.04	50.88	-11.84	AVG	
7	0.5777	12.61	27.87	40.48	56.00	-15.52	QP	
8	0.6340	2.63	27.87	30.50	46.00	-15.50	AVG	
9	0.9577	10.13	27.86	37.99	56.00	-18.01	QP	
10	1.0260	1.62	27.86	29.48	46.00	-16.52	AVG	
11	5.0179	3.46	27.86	31.32	50.00	-18.68	AVG	
12	5.2099	9.81	27.86	37.67	60.00	-22.33	QP	

Note:
Result(dBμV) = Reading(dBμV) + Factor(dB);
Over Limit(dB) = Result(dBμV) - Limit(dBμV)

Temperature:	22.4 °C	Humidity:	49 %	Atmospheric Pressure:	101 kPa

TM2 / Line: Line

Test Power Supply: AC 120V/60Hz

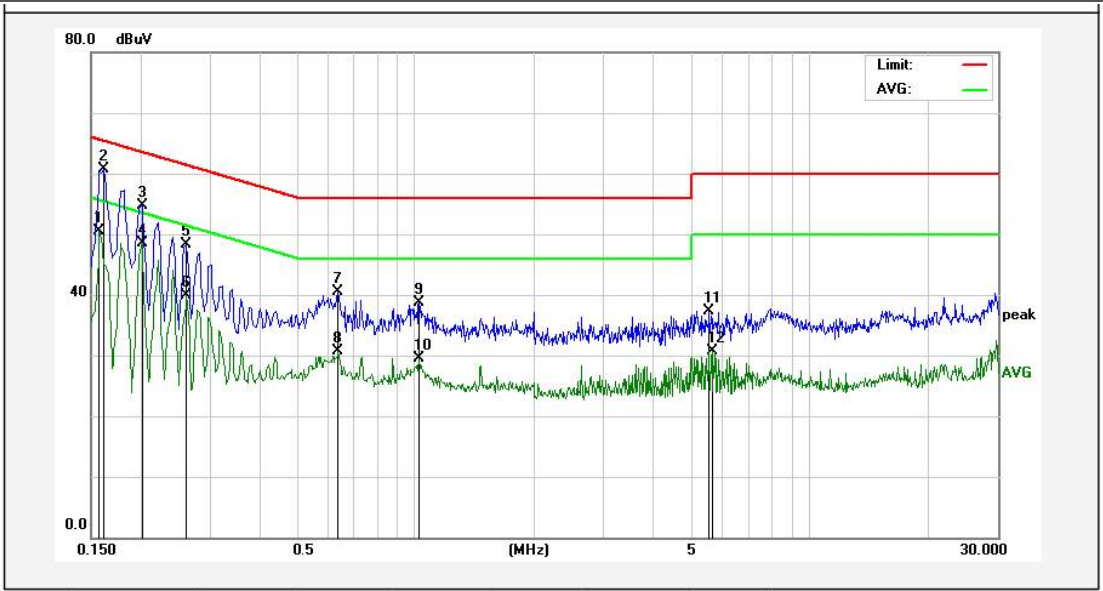


No.	Freq. (MHz)	Reading (dBuV)	Factor (dB)	Result (dBuV)	Limit (dBuV)	Over Limit (dB)	Detector	Remark
1	0.1580	23.18	27.84	51.02	55.56	-4.54	AVG	
2	0.1620	32.76	27.84	60.60	65.36	-4.76	QP	
3	0.2220	25.40	27.84	53.24	62.74	-9.50	QP	
4	0.2220	17.48	27.84	45.32	52.74	-7.42	AVG	
5	0.2802	18.61	27.84	46.45	60.81	-14.36	QP	
6	0.2977	8.79	27.84	36.63	50.30	-13.67	AVG	
7	0.5735	11.49	27.87	39.36	56.00	-16.64	QP	
8	0.6340	2.08	27.87	29.95	46.00	-16.05	AVG	
9	1.0260	1.59	27.86	29.45	46.00	-16.55	AVG	
10	1.0300	11.37	27.86	39.23	56.00	-16.77	QP	
11	5.0899	10.47	27.86	38.33	60.00	-21.67	QP	
12	5.6698	3.83	27.86	31.69	50.00	-18.31	AVG	

Temperature:	22.4 °C	Humidity:	49 %	Atmospheric Pressure:	101 kPa

TM2 / Line: Neutral

Test Power Supply: AC 120V/60Hz



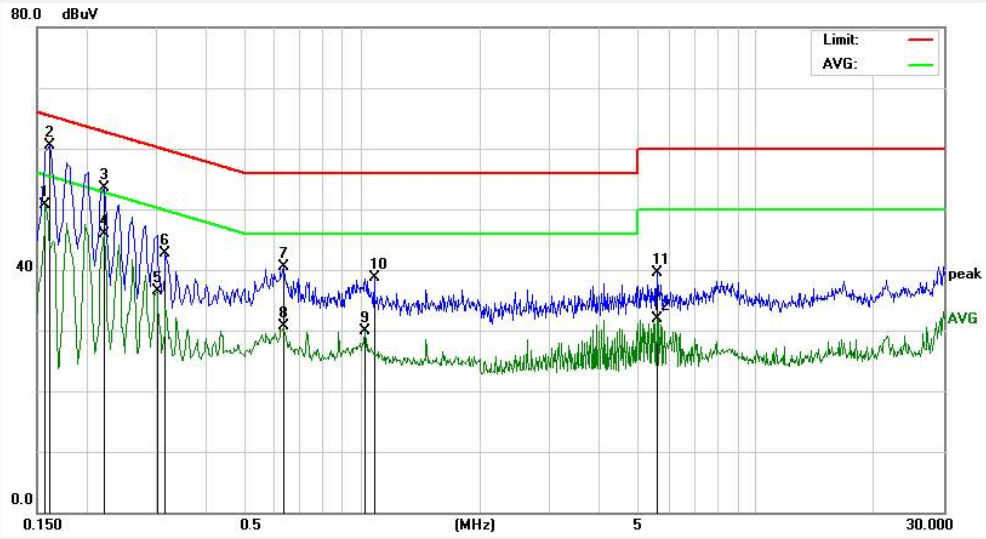
No.	Freq. (MHz)	Reading (dBuV)	Factor (dB)	Result (dBuV)	Limit (dBuV)	Over Limit (dB)	Detector	Remark
1	0.1580	22.65	27.84	50.49	55.56	-5.07	AVG	
2	0.1620	32.87	27.84	60.71	65.36	-4.65	QP	
3	0.2020	26.93	27.84	54.77	63.52	-8.75	QP	
4	0.2020	20.68	27.84	48.52	53.52	-5.00	AVG	
5	0.2620	20.44	27.84	48.28	61.36	-13.08	QP	
6	0.2620	12.14	27.84	39.98	51.36	-11.38	AVG	
7	0.6340	12.67	27.87	40.54	56.00	-15.46	QP	
8	0.6380	2.91	27.87	30.78	46.00	-15.22	AVG	
9	1.0260	10.93	27.86	38.79	56.00	-17.21	QP	
10	1.0260	1.61	27.86	29.47	46.00	-16.53	AVG	
11	5.5377	9.48	27.86	37.34	60.00	-22.66	QP	
12	5.6657	2.85	27.86	30.71	50.00	-19.29	AVG	

Note:
Result(dBμV) = Reading(dBμV) + Factor(dB);
Over Limit(dB) = Result(dBμV) - Limit(dBμV)

Temperature:	22.4 °C	Humidity:	49 %	Atmospheric Pressure:	101 kPa

TM3 / Line: Line

Test Power Supply: AC 120V/60Hz

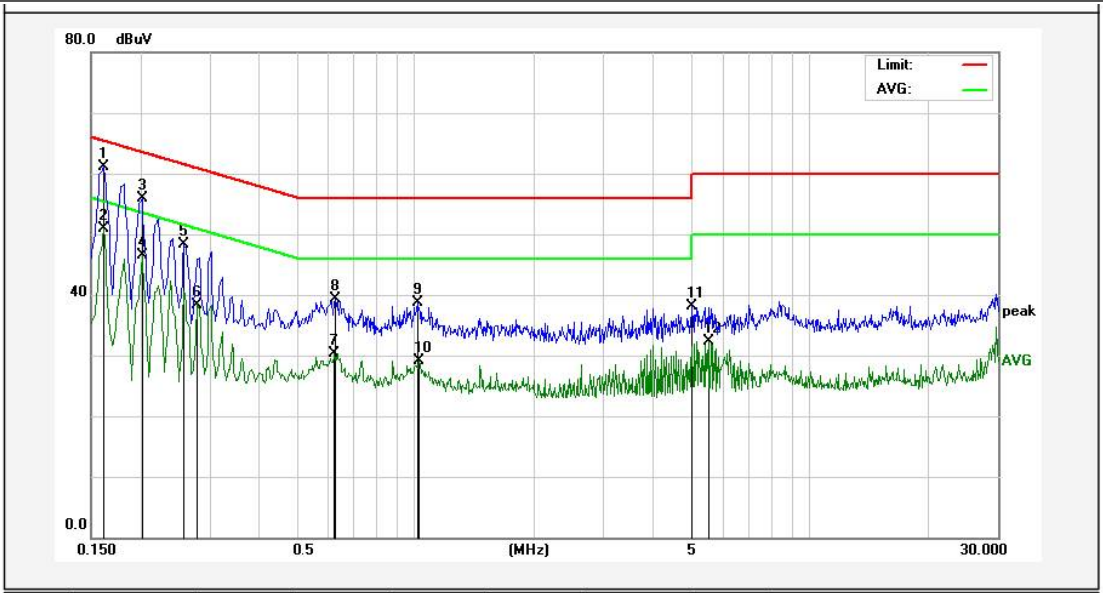


No.	Freq. (MHz)	Reading (dBuV)	Factor (dB)	Result (dBuV)	Limit (dBuV)	Over Limit (dB)	Detector	Remark
1	0.1580	22.93	27.84	50.77	55.56	-4.79	AVG	
2	0.1620	32.72	27.84	60.56	65.36	-4.80	QP	
3	0.2220	25.68	27.84	53.52	62.74	-9.22	QP	
4	0.2220	18.14	27.84	45.98	52.74	-6.76	AVG	
5	0.3019	8.61	27.84	36.45	50.19	-13.74	AVG	
6	0.3180	14.87	27.84	42.71	59.76	-17.05	QP	
7	0.6340	12.65	27.87	40.52	56.00	-15.48	QP	
8	0.6340	2.75	27.87	30.62	46.00	-15.38	AVG	
9	1.0220	1.96	27.86	29.82	46.00	-16.18	AVG	
10	1.0820	10.90	27.86	38.76	56.00	-17.24	QP	
11	5.6059	11.62	27.86	39.48	60.00	-20.52	QP	
12	5.6059	4.12	27.86	31.98	50.00	-18.02	AVG	

Temperature:	22.4 °C	Humidity:	49 %	Atmospheric Pressure:	101 kPa

TM3 / Line: Neutral

Test Power Supply: AC 120V/60Hz



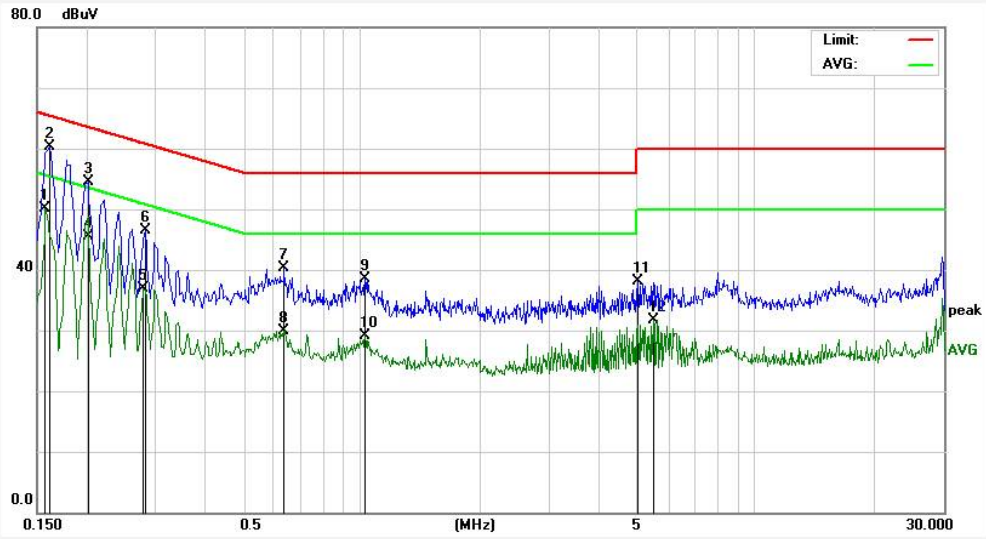
No.	Freq. (MHz)	Reading (dBuV)	Factor (dB)	Result (dBuV)	Limit (dBuV)	Over Limit (dB)	Detector	Remark
1	0.1620	33.21	27.84	61.05	65.36	-4.31	QP	
2	0.1620	22.97	27.84	50.81	55.36	-4.55	AVG	
3	0.2020	28.06	27.84	55.90	63.52	-7.62	QP	
4	0.2020	18.75	27.84	46.59	53.52	-6.93	AVG	
5	0.2580	20.37	27.84	48.21	61.49	-13.28	QP	
6	0.2787	10.54	27.84	38.38	50.85	-12.47	AVG	
7	0.6260	2.44	27.87	30.31	46.00	-15.69	AVG	
8	0.6300	11.52	27.87	39.39	56.00	-16.61	QP	
9	1.0140	10.78	27.86	38.64	56.00	-17.36	QP	
10	1.0220	1.28	27.86	29.14	46.00	-16.86	AVG	
11	5.0259	10.33	27.86	38.19	60.00	-21.81	QP	
12	5.5419	4.49	27.86	32.35	50.00	-17.65	AVG	

Note:
Result(dBμV) = Reading(dBμV) + Factor(dB);
Over Limit(dB) = Result(dBμV) - Limit(dBμV)

Temperature:	22.4 °C	Humidity:	49 %	Atmospheric Pressure:	101 kPa

TM4 / Line: Line

Test Power Supply: AC 120V/60Hz

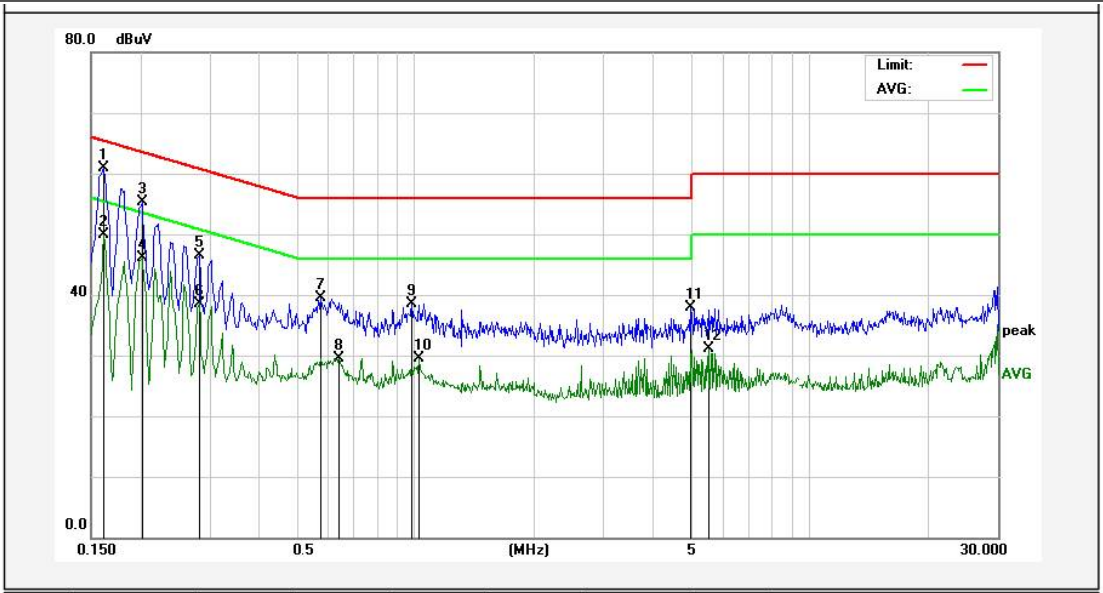


No.	Freq. (MHz)	Reading (dBuV)	Factor (dB)	Result (dBuV)	Limit (dBuV)	Over Limit (dB)	Detector	Remark
1	0.1580	22.27	27.84	50.11	55.56	-5.45	AVG	
2	0.1620	32.44	27.84	60.28	65.36	-5.08	QP	
3	0.2020	26.69	27.84	54.53	63.52	-8.99	QP	
4	0.2028	17.67	27.84	45.51	53.49	-7.98	AVG	
5	0.2779	9.11	27.84	36.95	50.88	-13.93	AVG	
6	0.2816	18.57	27.84	46.41	60.77	-14.36	QP	
7	0.6380	12.40	27.87	40.27	56.00	-15.73	QP	
8	0.6419	2.08	27.87	29.95	46.00	-16.05	AVG	
9	1.0260	10.70	27.86	38.56	56.00	-17.44	QP	
10	1.0260	1.34	27.86	29.20	46.00	-16.80	AVG	
11	5.0259	10.18	27.86	38.04	60.00	-21.96	QP	
12	5.4778	3.91	27.86	31.77	50.00	-18.23	AVG	

Temperature:	22.4 °C	Humidity:	49 %	Atmospheric Pressure:	101 kPa

TM4 / Line: Neutral

Test Power Supply: AC 120V/60Hz



No.	Freq. (MHz)	Reading (dBuV)	Factor (dB)	Result (dBuV)	Limit (dBuV)	Over Limit (dB)	Detector	Remark
1	0.1620	33.04	27.84	60.88	65.36	-4.48	QP	
2	0.1620	22.01	27.84	49.85	55.36	-5.51	AVG	
3	0.2020	27.49	27.84	55.33	63.52	-8.19	QP	
4	0.2020	18.28	27.84	46.12	53.52	-7.40	AVG	
5	0.2816	18.74	27.84	46.58	60.77	-14.19	QP	
6	0.2816	10.76	27.84	38.60	50.77	-12.17	AVG	
7	0.5777	11.59	27.87	39.46	56.00	-16.54	QP	
8	0.6419	1.66	27.87	29.53	46.00	-16.47	AVG	
9	0.9818	10.73	27.86	38.59	56.00	-17.41	QP	
10	1.0220	1.63	27.86	29.49	46.00	-16.51	AVG	
11	4.9618	10.09	27.86	37.95	56.00	-18.05	QP	
12	5.5419	3.33	27.86	31.19	50.00	-18.81	AVG	

Note:
Result(dBμV) = Reading(dBμV) + Factor(dB);
Over Limit(dB) = Result(dBμV) - Limit(dBμV)

4. 20dB Occupied Bandwidth

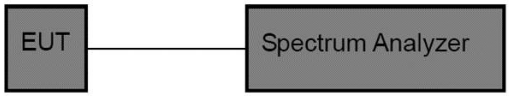
Test Requirement:	47 CFR Part 15.215(c)
Test Limit:	Refer to 47 CFR 15.215(c), intentional radiators operating under the alternative provisions to the general emission limits, as contained in §§ 15.217 through 15.257 and in subpart E of this part, must be designed to ensure that the 20 dB bandwidth of 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.
Test Method:	ANSI C63.10-2020, section 6.9.2
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).

4.1. EUT Operation

Operating Environment:	
Test mode:	1: TM1: Adapter+WPT Mode (10W 1% Load) 2: TM2: Adapter+WPT Mode (10W 50% Load) 3: TM3: Adapter+WPT Mode (10W 99% Load) 4: TM4: Standby Mode

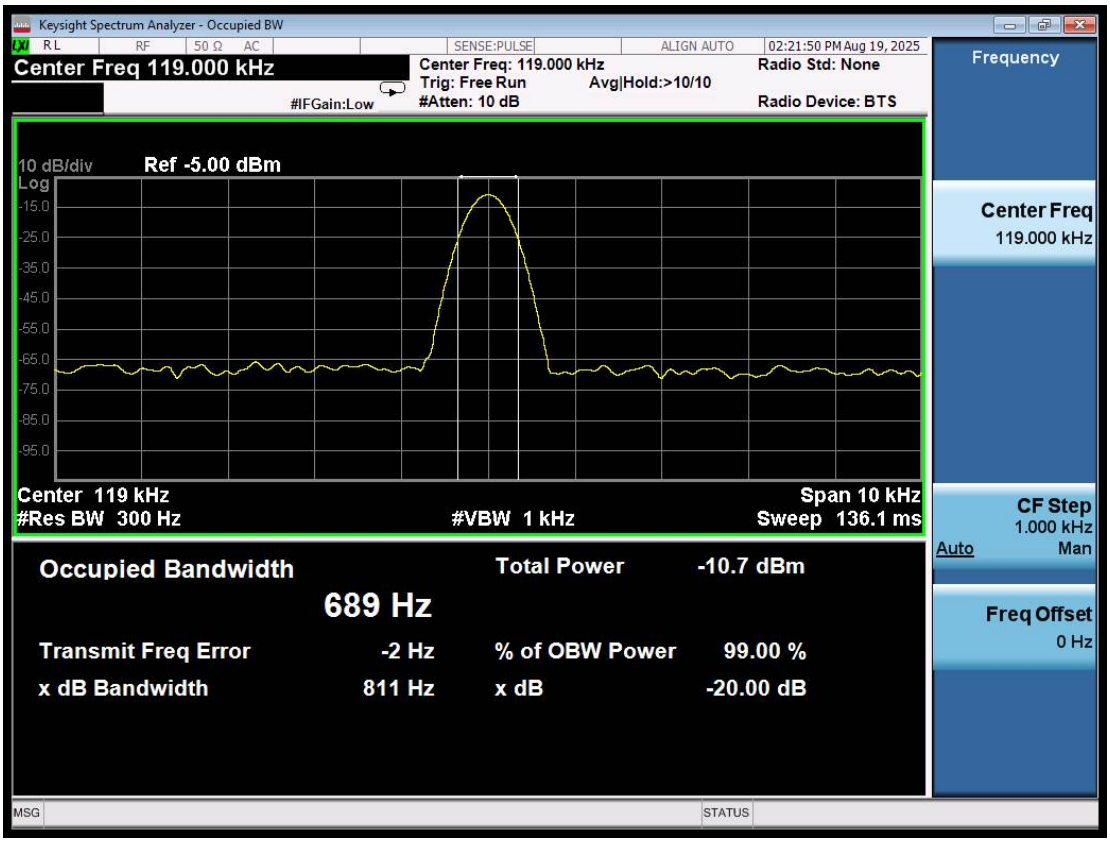
4.2. Test Setup



4.3. Test Data

Temperature:	24.4 °C	Humidity:	54 %	Atmospheric Pressure:	101 kPa

Freq. (kHz)	Bandwidth (kHz)	Results
119	0.811	PASS



Note: The measured signal is Cw-like, adjusting the RBW per C63.10 would not be practical since measurement bandwidth will always follow the RBW. The RBW is set to 300Hz to perfomm the occupied bandwidth test.

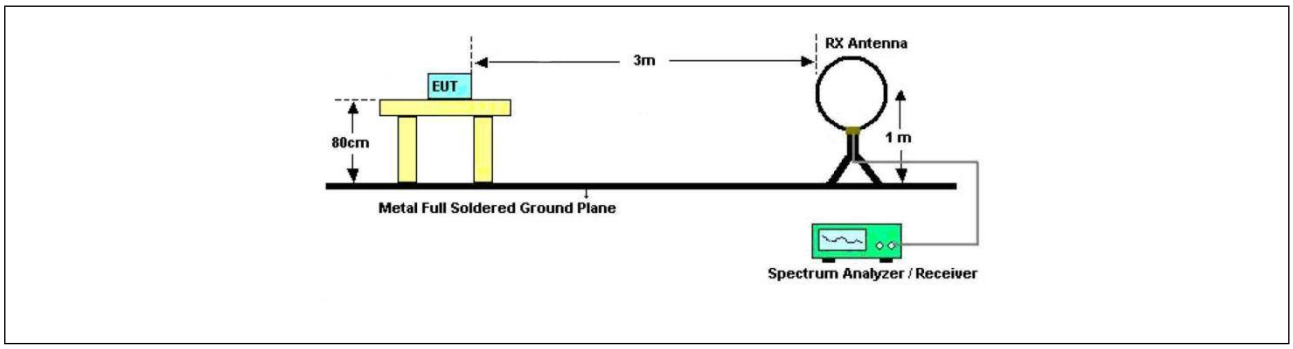
5. Emissions in restricted frequency bands (below 30MHz)

<table>
<tr><td>Test Requirement:</td><td colspan="3">47 CFR Part 15.209</td></tr>
<tr><td>Test Limit:</td><td colspan="3">
<table>
<tr><td>Frequency (MHz)</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>1.705-30.0</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.
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.
</td></tr>
<tr><td>Test Method:</td><td colspan="3">ANSI C63.10-2020 section 6.4</td></tr>
<tr><td>Procedure:</td><td colspan="3">ANSI C63.10-2020 section 6.4</td></tr>
</table>

5.1. EUT Operation

Operating Environment:	
Test mode:	1: TM1: Adapter+WPT Mode (10W 1% Load) 2: TM2: Adapter+WPT Mode (10W 50% Load) 3: TM3: Adapter+WPT Mode (10W 99% Load) 4: TM4: Standby Mode

5.2. Test Setup



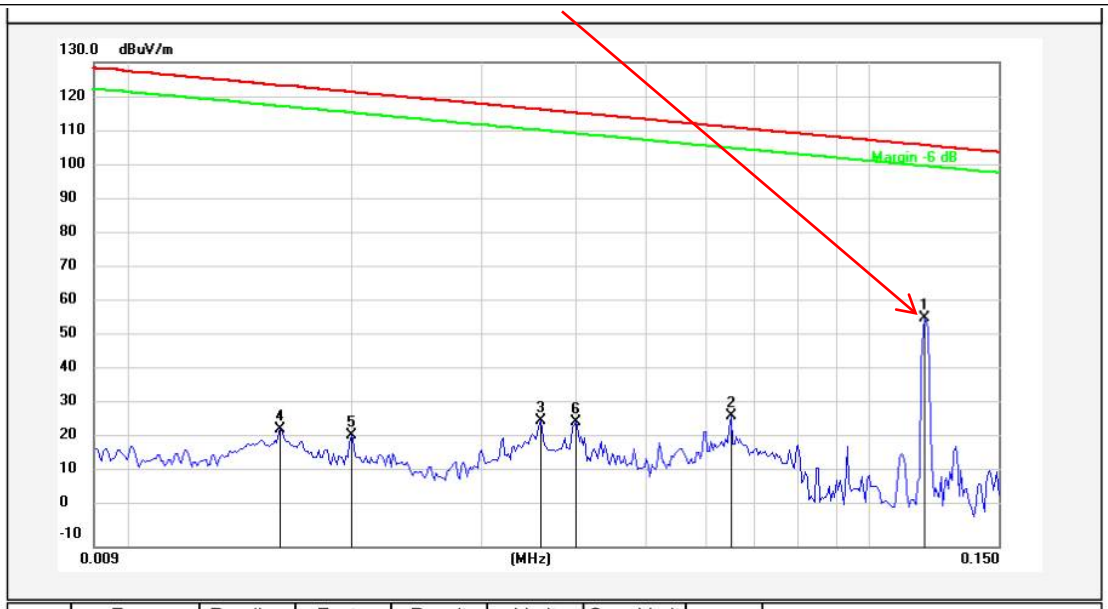
5.3. Test Data

Temperature:	23.8 °C	Humidity:	55 %	Atmospheric Pressure:	101 kPa

TM3 / Antenna polarity: Coaxial

Test Power Supply: AC 120V/60Hz

Fundamental

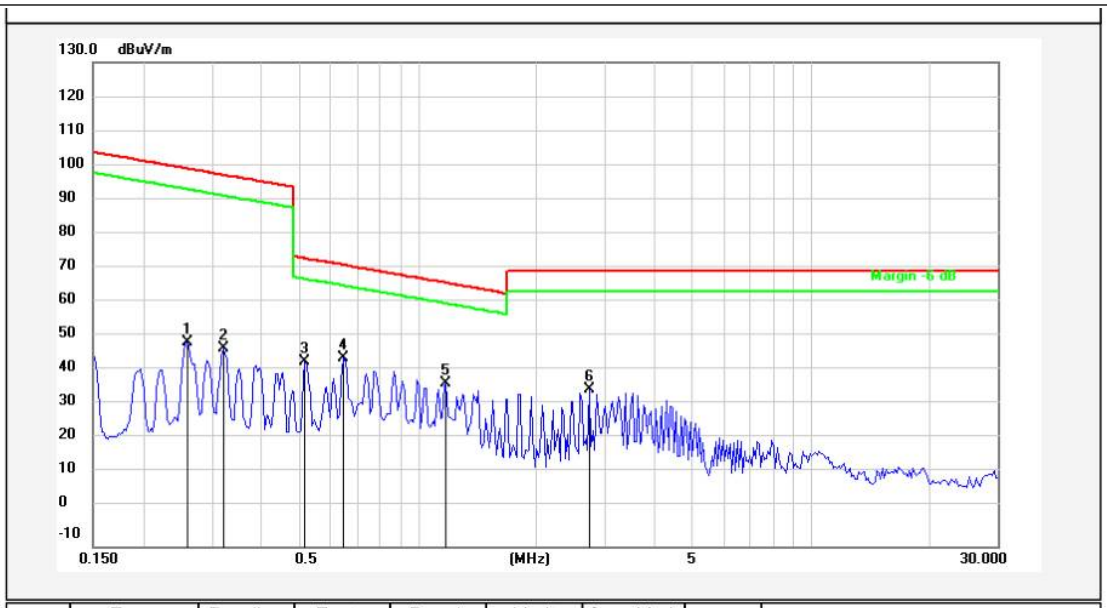


No.	Freq. (MHz)	Reading (dBuV)	Factor ()	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Remark
1	0.1190	35.49	20.33	55.82	106.02	-50.20	peak	
2	0.0651	7.30	20.38	27.68	111.22	-83.54	peak	
3	0.0361	5.87	20.44	26.31	116.31	-90.00	peak	
4	0.0160	3.31	20.30	23.61	123.34	-99.73	peak	
5	0.0200	1.81	20.29	22.10	121.41	-99.31	peak	
6	0.0400	5.36	20.43	25.79	115.43	-89.64	peak	

Temperature:	23.8 °C	Humidity:	55 %	Atmospheric Pressure:	101 kPa

TM3 / Antenna polarity: Coaxial

Test Power Supply: AC 120V/60Hz



No.	Freq. (MHz)	Reading (dBuV)	Factor ()	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Remark
1	0.2600	28.63	20.30	48.93	99.27	-50.34	peak	
2	0.3215	26.80	20.29	47.09	97.44	-50.35	peak	
3	0.5181	23.26	20.27	43.53	73.32	-29.79	peak	
4	0.6471	24.27	20.27	44.54	71.39	-26.85	peak	
5	1.1841	16.72	20.26	36.98	66.16	-29.18	peak	
6	2.7355	15.10	20.29	35.39	69.50	-34.11	peak	

Note:
1. Only record the worst test mode data in the report.
2. Result(dBμV/m) = Reading(dBμV) + Factor;
   Over Limit(dB) = Result(dBμV/m) - Limit(dBμV/m)
3. The antenna's data in the coaxial direction is the worst, and the report only recorded the test data in the coaxial direction.
4. 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.

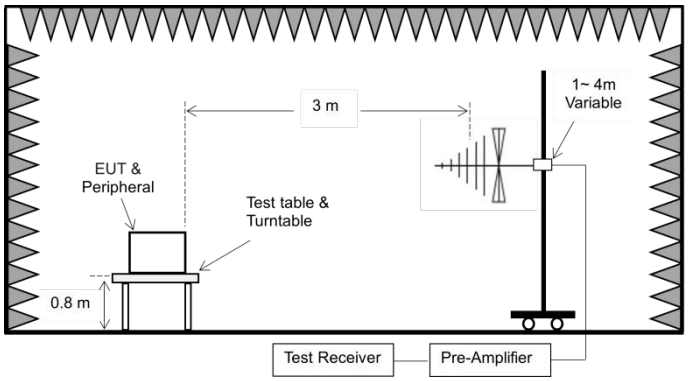
6. Emissions in restricted frequency bands (30MHz - 1GHz)

Test Requirement:	47 CFR Part 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. 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.
Test Method:	ANSI C63.10-2020 section 6.5
Procedure:	ANSI C63.10-2020 section 6.5

6.1. EUT Operation

Operating Environment:	
Test mode:	1: TM1: Adapter+WPT Mode (10W 1% Load) 2: TM2: Adapter+WPT Mode (10W 50% Load) 3: TM3: Adapter+WPT Mode (10W 99% Load) 4: TM4: Standby Mode

6.2. Test Setup

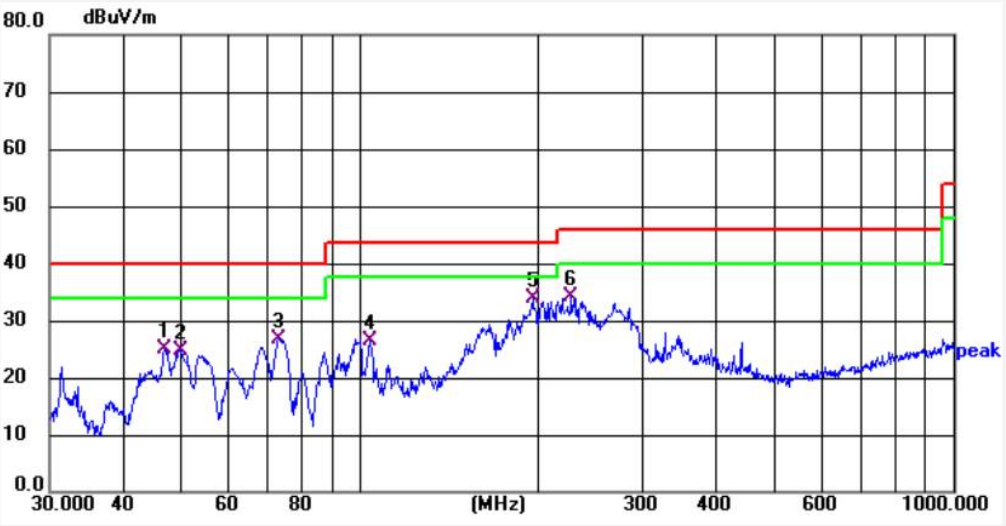


6.3. Test Data

Temperature:	24.8 °C	Humidity:	51 %	Atmospheric Pressure:	101 kPa

TM1 / Polarization: Horizontal

Test Power Supply: AC 120V/60Hz

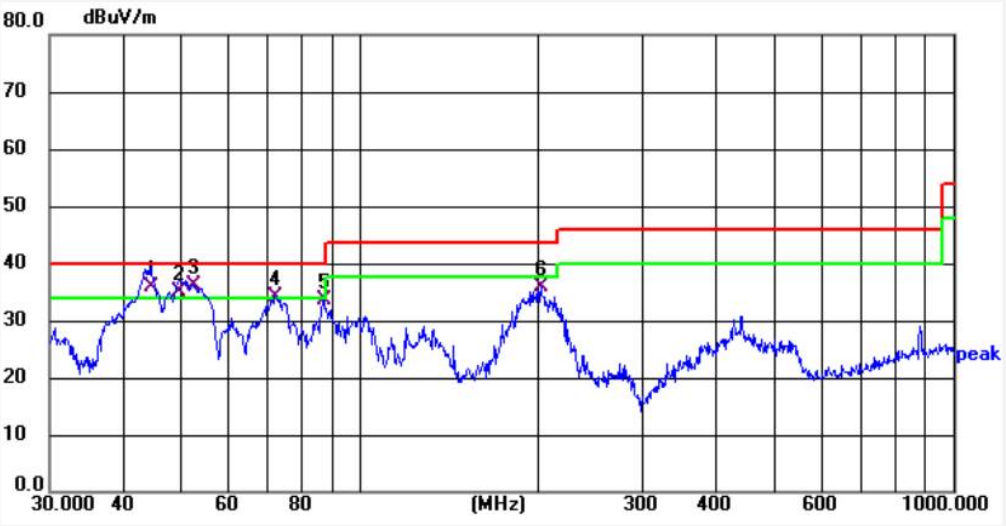


No.	Freq. (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Remark
1	46.995	48.50	-23.47	25.03	40.00	-14.97	QP	
2	49.903	48.20	-23.40	24.80	40.00	-15.20	QP	
3	73.038	55.14	-28.34	26.80	40.00	-13.20	QP	
4	103.851	48.53	-22.13	26.40	43.50	-17.10	QP	
5	196.424	58.03	-24.26	33.77	43.50	-9.73	QP	
6	226.993	58.27	-24.14	34.13	46.00	-11.87	QP	

Temperature:	24.8 °C	Humidity:	51 %	Atmospheric Pressure:	101 kPa

TM1 / Polarization: Vertical

Test Power Supply: AC 120V/60Hz



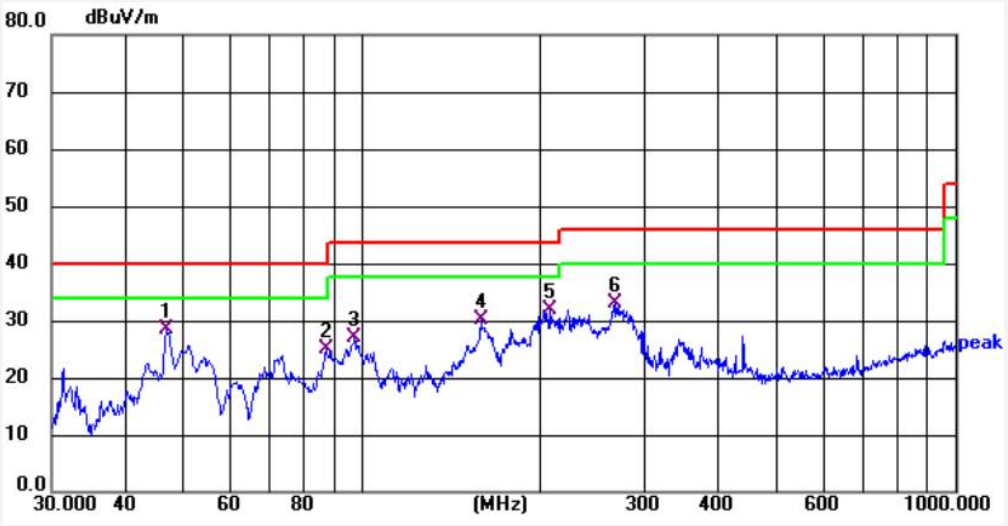
No.	Freq. (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Remark
1	44.489	59.37	-23.62	35.75	40.00	-4.25	QP	
2	49.728	58.48	-23.41	35.07	40.00	-4.93	QP	
3	52.575	59.96	-23.71	36.25	40.00	-3.75	QP	
4	72.211	62.28	-28.21	34.07	40.00	-5.93	QP	
5	87.188	61.25	-27.55	33.70	40.00	-6.30	QP	
6	202.189	60.81	-24.88	35.93	43.50	-7.57	QP	

Note:
Result(dBμV/m) = Reading(dBμV) + Factor(dB/m);
Over Limit(dB) = Result(dBμV/m) - Limit(dBμV/m)

Temperature:	24.8 °C	Humidity:	51 %	Atmospheric Pressure:	101 kPa

TM2 / Polarization: Horizontal

Test Power Supply: AC 120V/60Hz

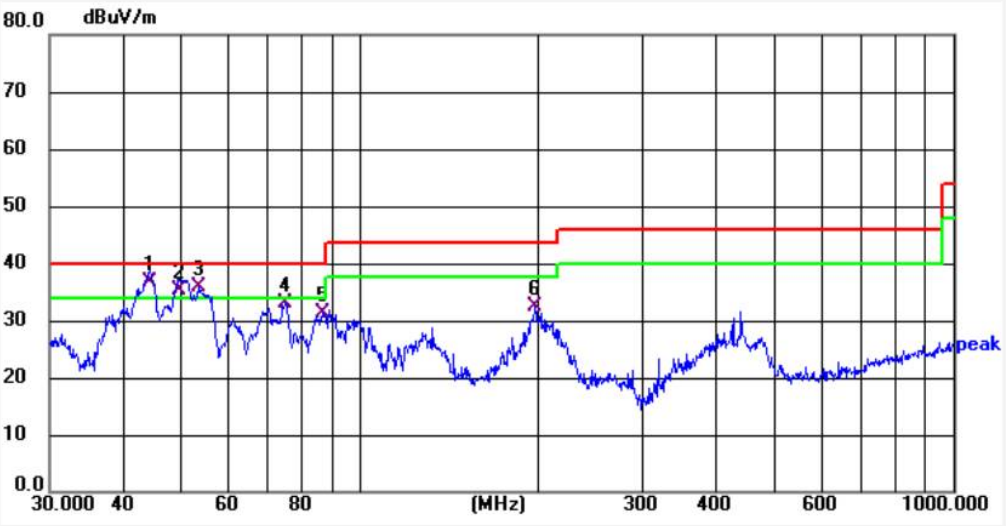


No.	Freq. (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Remark
1	47.057	52.00	-23.47	28.53	40.00	-11.47	QP	
2	87.112	52.46	-27.56	24.90	40.00	-15.10	QP	
3	97.200	50.29	-23.34	26.95	43.50	-16.55	QP	
4	159.016	56.79	-26.64	30.15	43.50	-13.35	QP	
5	208.215	55.90	-24.05	31.85	43.50	-11.65	QP	
6	267.897	56.78	-23.92	32.86	46.00	-13.14	QP	

Temperature:	24.8 °C	Humidity:	51 %	Atmospheric Pressure:	101 kPa

TM2 / Polarization: Vertical

Test Power Supply: AC 120V/60Hz



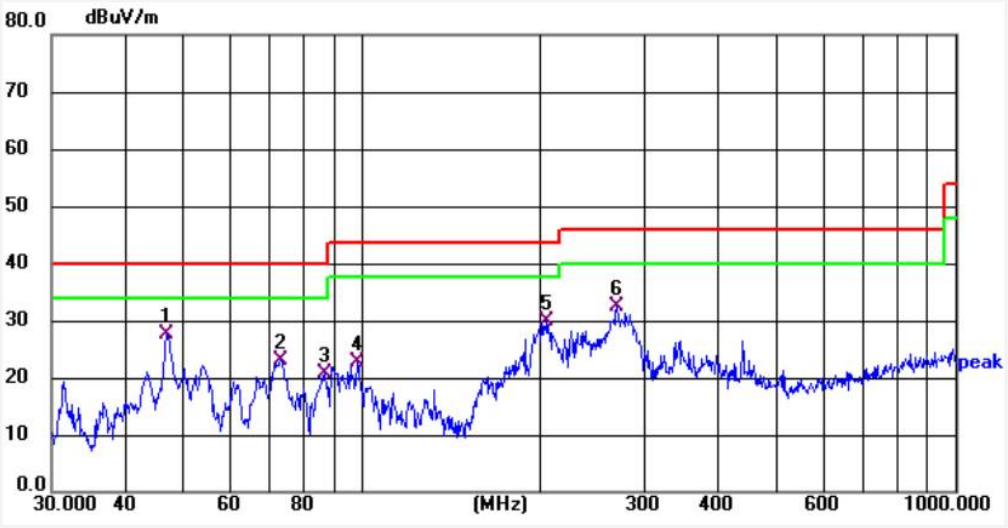
No.	Freq. (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Remark
1	44.353	60.37	-23.65	36.72	40.00	-3.28	QP	
2	49.598	58.69	-23.41	35.28	40.00	-4.72	QP	
3	53.693	59.57	-23.85	35.72	40.00	-4.28	QP	
4	74.722	61.66	-28.58	33.08	40.00	-6.92	QP	
5	86.921	58.90	-27.61	31.29	40.00	-8.71	QP	
6	197.546	58.03	-25.66	32.37	43.50	-11.13	QP	

Note:
Result(dBμV/m) = Reading(dBμV) + Factor(dB/m);
Over Limit(dB) = Result(dBμV/m) - Limit(dBμV/m)

Temperature:	24.8 °C	Humidity:	51 %	Atmospheric Pressure:	101 kPa

TM3 / Polarization: Horizontal

Test Power Supply: AC 120V/60Hz

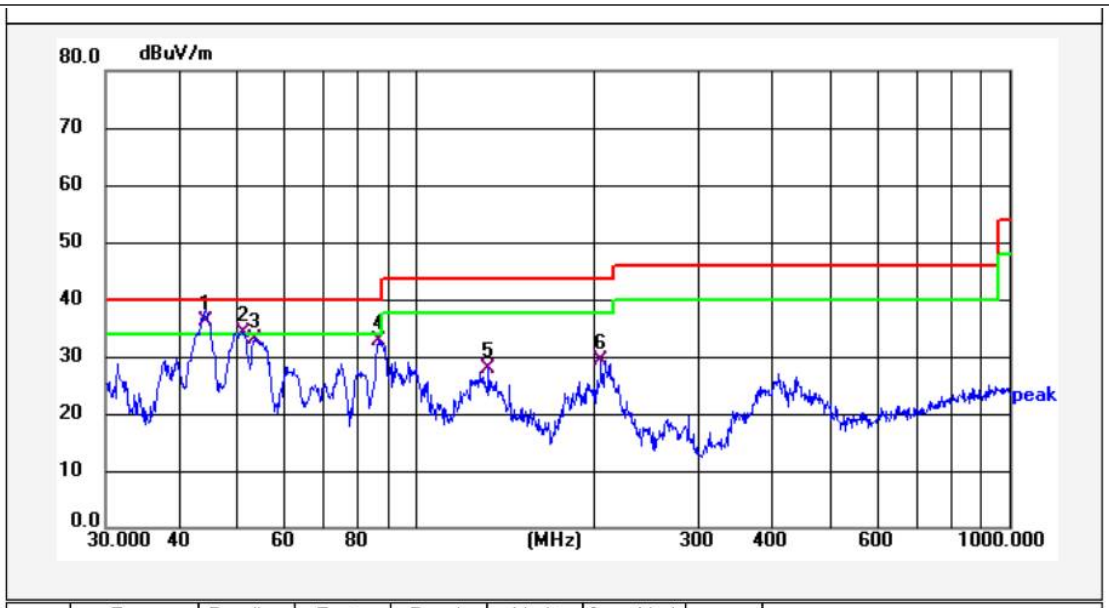


No.	Freq. (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Remark
1	47.098	51.06	-23.47	27.59	40.00	-12.41	QP	
2	72.942	51.34	-28.32	23.02	40.00	-16.98	QP	
3	86.655	48.41	-27.68	20.73	40.00	-19.27	QP	
4	98.746	45.37	-22.59	22.78	43.50	-20.72	QP	
5	205.585	53.79	-24.02	29.77	43.50	-13.73	QP	
6	269.310	56.22	-23.89	32.33	46.00	-13.67	QP	

Temperature:	24.8 °C	Humidity:	51 %	Atmospheric Pressure:	101 kPa

TM3 / Polarization: Vertical

Test Power Supply: AC 120V/60Hz



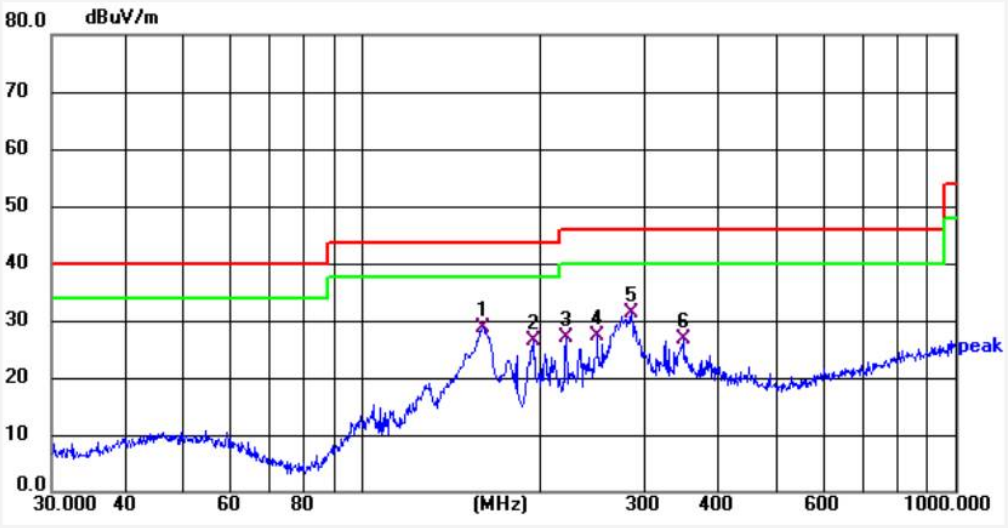
No.	Freq. (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Remark
1	44.353	59.66	-23.65	36.01	40.00	-3.99	QP	
2	51.143	57.75	-23.54	34.21	40.00	-5.79	QP	
3	53.552	56.79	-23.83	32.96	40.00	-7.04	QP	
4	86.883	60.24	-27.63	32.61	40.00	-7.39	QP	
5	132.859	54.10	-26.37	27.73	43.50	-15.77	QP	
6	205.045	53.95	-24.77	29.18	43.50	-14.32	QP	

Note:
Result(dBμV/m) = Reading(dBμV) + Factor(dB/m);
Over Limit(dB) = Result(dBμV/m) - Limit(dBμV/m)

Temperature:	24.8 °C	Humidity:	51 %	Atmospheric Pressure:	101 kPa

TM4 / Polarization: Horizontal

Test Power Supply: AC 120V/60Hz

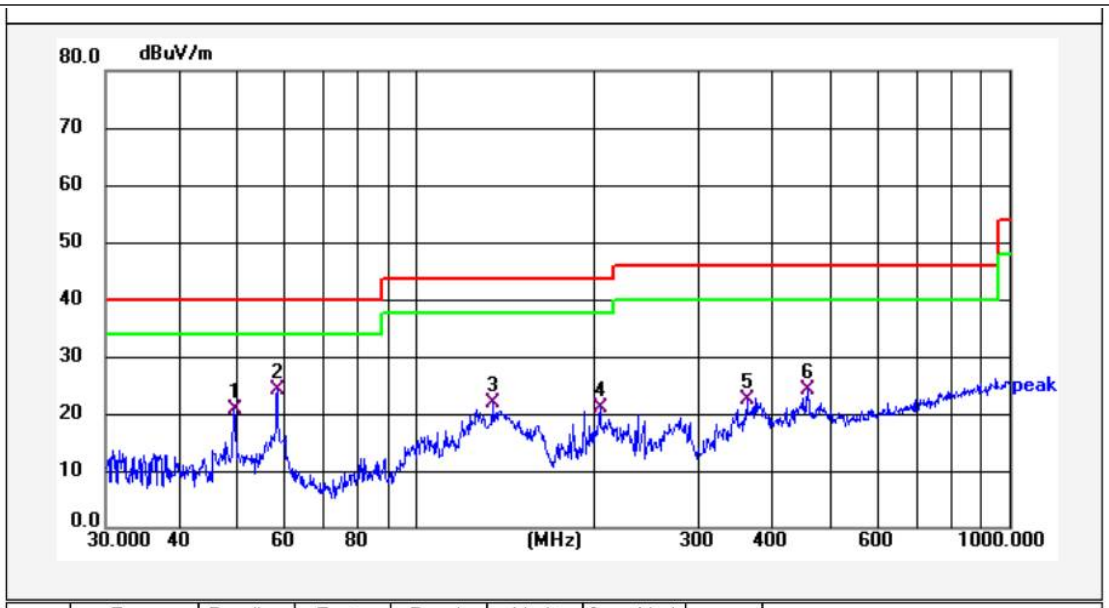


No.	Freq. (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Remark
1	160.557	55.36	-26.59	28.77	43.50	-14.73	QP	
2	195.051	50.83	-24.38	26.45	43.50	-17.05	QP	
3	221.586	51.25	-24.15	27.10	46.00	-18.90	QP	
4	248.770	51.59	-24.25	27.34	46.00	-18.66	QP	
5	284.977	54.93	-23.51	31.42	46.00	-14.58	QP	
6	348.638	45.71	-19.13	26.58	46.00	-19.42	QP	

Temperature:	24.8 °C	Humidity:	51 %	Atmospheric Pressure:	101 kPa

TM4 / Polarization: Vertical

Test Power Supply: AC 120V/60Hz



No.	Freq. (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Remark
1	49.533	44.22	-23.41	20.81	40.00	-19.19	QP	
2	58.433	48.70	-24.42	24.28	40.00	-15.72	QP	
3	134.736	48.37	-26.53	21.84	43.50	-21.66	QP	
4	204.506	45.85	-24.78	21.07	43.50	-22.43	QP	
5	362.349	41.17	-18.68	22.49	46.00	-23.51	QP	
6	457.909	40.43	-16.16	24.27	46.00	-21.73	QP	

Note:
Result(dBμV/m) = Reading(dBμV) + Factor(dB/m);
Over Limit(dB) = Result(dBμV/m) - Limit(dBμV/m)

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 ----------