

TEST REPORT

Report No.	CISRR26072252401
Project No.	CISR260722524
FCC ID	2BXCV-RX121
Applicant	shantoushirongxiakejiyouxiangongsi
Address	Shantou City Chenghai District Lianxia Town Guanlong Industrial Zone 1
Manufacturer	shantoushirongxiakejiyouxiangongsi
Address	Shantou City Chenghai District Lianxia Town Guanlong Industrial Zone 1
Product Name	AIR-GROUND VEHICLE
Trade mark	-
Model/Type reference	RX121
Listed Model(s)	HT45,RX101,RX102,RX103,RX105,RX106,RX107,RX108,RX109, RX123,RX125,RX126,RX127,RX128,RX129,RX151,RX152,RX153,RX155
Standard	47 CFR Part 15.249
Date of sample receipt	July 24, 2026
Test date	July 24, 2026 to August 14, 2026
Issue date	August 14, 2026
Test result	Complied

Morgan Tan

Reviewed by: Morgan Tan



Approved by: Hans Hu

The test results relate only to the tested samples.

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1. STANDARD AND APPLICABLE TEST METHODS

The tests were performed according to following standards:

47 CFR Part 15.249: Operation within the bands 902-928 MHz, 2400-2483.5 MHz, 5725-5875 MHz, and 24.0-24.25 GHz

ANSI C63.10-2020: American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices.

2. REPORT VERSION

Version No.	Issue date	Description
00	August 14, 2026	Original

3. TEST DESCRIPTION

No.	Test Item	Standard Requirement	Result
1	Antenna requirement	47 CFR Part 15.203	Pass
2	20dB Occupied Bandwidth	47 CFR 15.215(c)	Pass
3	Field strength of fundamental	47 CFR 15.249(a) 47 CFR 15.249(b)(1)	Pass
4	Band edge emissions (Radiated)	47 CFR 15.249(d)	Pass
5	Emissions in frequency bands (below 1GHz)	47 CFR 15.249(a) 47 CFR 15.249(d) 47 CFR 15.249(e)	Pass
6	Emissions in frequency bands (above 1GHz)	47 CFR 15.249(a) 47 CFR 15.249(d) 47 CFR 15.249(e)	Pass

Note:

- The measurement uncertainty is not included in the test result.

4. SUMMARY

4.1. Product Description *

Main unit information:	
Product Name:	AIR-GROUND VEHICLE
Trade mark:	-
Model No.:	RX121
Listed Model(s):	HT45,RX101,RX102,RX103,RX105,RX106,RX107,RX108,RX109, RX123,RX125,RX126,RX127,RX128,RX129,RX151,RX152,RX153,RX15 5
Model difference:	They differ only in model naming.
Power supply:	DC 4.5V(3* AAA size battery)
Hardware version:	-
Software version:	-

4.2. Radio Specification Description *

Modulation type:	GFSK
Operation frequency:	2420-2460MHz
Channel number:	3
Channel separation:	2
Antenna type:	Wire Antenna
Antenna gain:	0dBi

Note:

- 1) *: As the above information is provided by the applicant, all relevant results and conclusions of this report are based solely on such information. Bangce lab shall not be liable for the authenticity, integrity, and resulting outcomes of the information, and/or the validity of the conclusions herein.

4.3. Modification of EUT

No modifications are made to the EUT during all test items.

4.4. Deviation from standards

None

4.5. Testing Site

Laboratory Name	Shenzhen Bangce Testing Technology Co., Ltd.
Laboratory Location	101, building 10, Yunli Intelligent Park, Shutianpu community, Matian Street, Guangming District, Shenzhen, Guangdong, China
Contact information	Tel: 86-755-2319 6848, email: service@cis-cn.net Website: http://www.cis-cn.net/
FCC registration number	736346
FCC designation number	CN1372

5. TEST CONFIGURATION

5.1. Test frequency list

Lowest Channel (LCH) (MHz)	Middle Channel (MCH) (MHz)	Highest Channel (HCH) (MHz)
2420	2440	2460

5.2. Descriptions of test mode

No	Test mode	Description
Mode1	TX mode	Keep the EUT in continuously transmitting mode
Mode2	Link mode	Keep the EUT in normal link mode

5.3. Test sample information

Type	Sample No.
Engineer sample	CISR260722524-S01
Normal sample	CISR260722524-S02

5.4. Environmental conditions

Type	Requirement
Temperature:	15~35°C
Relative Humidity:	25~75%
Air Pressure:	860~1060mbar

5.5. Statement of the measurement uncertainty

No.	Test Items	Measurement Uncertainty
1	Bandwidth	0.19%
2	Radiated Spurious Emission (Above 1GHz)	4.60dB
3	Radiated Spurious Emission (9kHz ~ 30MHz)	3.28dB
4	Radiated Spurious Emission (30MHz ~ 1000MHz)	4.46dB

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=1.96.

5.6. Equipment Used during the Test

Occupied Bandwidth						
Item	Equipment name	Manufacturer	Model	Serial No.	Calibration date	Due date
1	Spectrum analyzer	ROHDE&SCHWARZ	FSV-40N	CIS-EE076	2026-01-06	2027-01-05
2	Notch Filter Assembly	WCS	SMU-1003	CIS-EE093	2026-01-06	2027-01-05
3	Vector Signal Generator	Agilent	N5182A	CIS-RE012	2026-01-06	2027-01-05
4	Analog Signal Generator	Agilent	N5181A	CIS-RE013	2026-01-06	2027-01-05
5	Test software	WCS	WCN-Regulator y	CIS-EE103	/	/

Field strength of fundamental Band edge emissions (Radiated) Emissions in frequency bands (below 1GHz) Emissions in frequency bands (above 1GHz)						
Item	Equipment name	Manufacturer	Model	Serial No.	Calibration date	Due date
1	9*6*6 Chamber	SKET	9m*6m*6m	CIS-EE011	2024-09-02	2027-09-01
2	EMI Test Receiver	ROHDE&SCHWARZ	ESCI	CIS-EE016	2026-01-06	2027-01-05
3	Broadband Antenna	SCHWARZBECK	VULB 9163	CIS-EE018	2026-01-06	2029-01-05
4	Double Ridged Broadband Horn Antennas	SCHWARZBECK	BBHA 9120D	CIS-EE019	2026-01-06	2029-01-05
5	Preamplifier	Tonscend	TAP9K3G 40	CIS-EE021	2026-01-06	2027-01-05
6	Preamplifier	Tonscend	TAP0101 8050	CIS-EE022	2026-01-06	2027-01-05
7	Preamplifier	WCS	DLNA-1-18G-40	CIS-EE081	2026-01-06	2027-01-05
8	RF Cable	Tonscend	-	CIS-EE024	2026-01-06	2027-01-05
9	RF Cable	Tonscend	-	CIS-EE025	2026-01-06	2027-01-05
10	Test software	FARAD	EZ-EMCRE	CIS-EE097	/	/
11	Thermohygrometer	DeLi	8866	CIS-EE067	2026-01-06	2027-01-05
12	Loop Antenna	SCHWARZBECK	FMZB 1513-60 B	CIS-EE060	2026-01-06	2029-01-05
13	Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	CIS-EE020	2025-01-09	2028-01-08
14	Preamplifier	Tonscend	TAP1804 0048	CIS-EE023	2026-01-06	2027-01-05

15	1GHz Highpass	COM-MW	ZHPF6-M1000-18000-3910	CIS-EEA043	2026-01-06	2027-01-05
16	3GHz Highpass	COM-MW	ZHPF6-M3000-18000-5254	CIS-EEA044	2026-01-06	2027-01-05
17	6GHz Highpass	COM-MW	ZHPF6-M6500-18000-547	CIS-EEA045	2026-01-06	2027-01-05
18	Notch Filter Assembly	Tonscend	TS@JS08 06-F	CIS-EE026	2026-01-06	2027-01-05
19	Spectrum analyzer	Agilent	N9020A	CIS-RE001	2026-01-06	2027-01-05

6. TEST RESULTS

6.1. Evaluation Results (Evaluation)

6.1.1. 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.

6.1.1.1. Test Result

Pass

6.1.1.2. Conclusion:

The EUT antenna is Wire Antenna. It comply with the standard requirement. In case of replacement of broken antenna the same antenna type must be used. Antenna structure please refer to the EUT internal photographs antenna photo.

6.2. Radio Spectrum Matter Test Results (RF)

6.2.1. 20dB Occupied Bandwidth

Test Requirement:	47 CFR 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 $[(\text{reference value}) - \text{xx}]$. 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).

6.2.1.1. E.U.T. Operation

Operating Environment:					
Temperature:	23 °C	Humidity:	56 %	Atmospheric Pressure:	102.9 kPa
Pre test mode:	Mode1				

Final test mode: Mode1

6.2.1.2. Test Setup Diagram

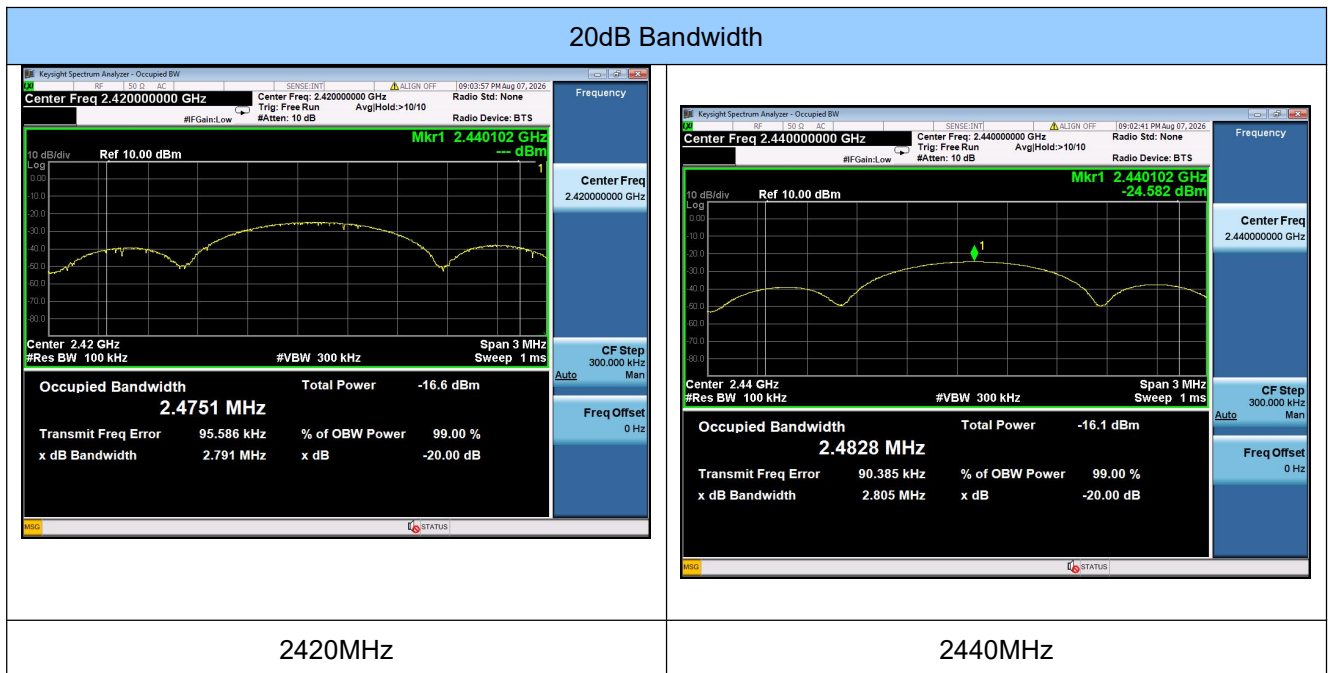


6.2.1.3. Test Result

Pass

6.2.1.4. Test Data

Test Frequency(MHz)	20dB Bandwidth(MHz)
2420	2.791
2440	2.805
2460	2.776





2460MHz

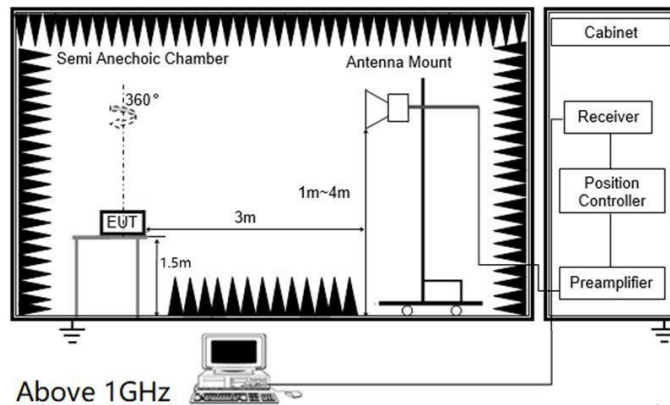
6.2.2. Field strength of fundamental

Test Requirement:	Except as provided in paragraph (b) of this section, the field strength of emissions from intentional radiators operated within these frequency bands shall comply with the following:		
	Fundamental frequency	Field strength of fundamental (millivolts/meter)	Field strength of harmonics (microvolts/meter)
	902-928 MHz	50	500
	2400-2483.5 MHz	50	500
	5725-5875 MHz	50	500
	24.0-24.25 GHz	250	2500
The field strength of emissions in this band shall not exceed 2500 millivolts/meter.			
Test Method:	ANSI C63.10-2020 section 6.6		
Procedure:	ANSI C63.10-2020 section 6.6		

6.2.2.1. E.U.T. Operation

Operating Environment:					
Temperature:	23 °C	Humidity:	55.9 %	Atmospheric Pressure:	102.9 kPa
Pre test mode:	Mode1				
Final test mode:	Mode1				

6.2.2.2. Test Setup Diagram

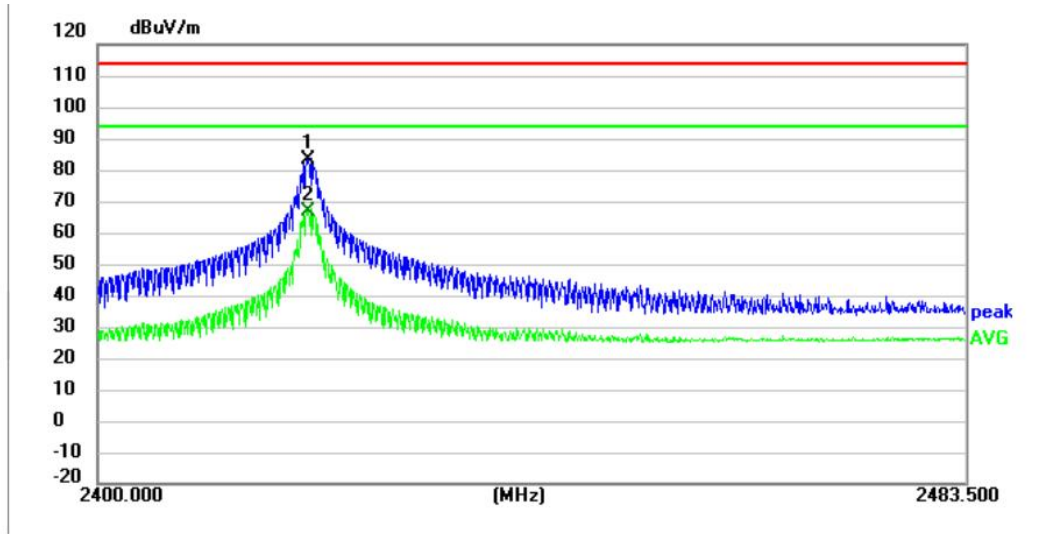


6.2.2.3. Test Result

Pass

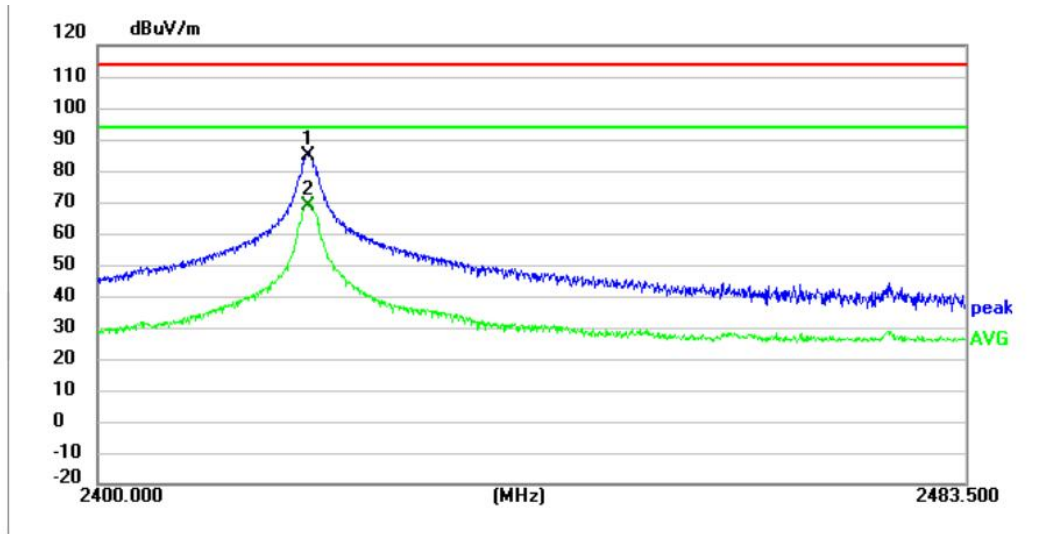
6.2.2.4. Test Data

Mode1 / Polarization: Horizontal / CH: L



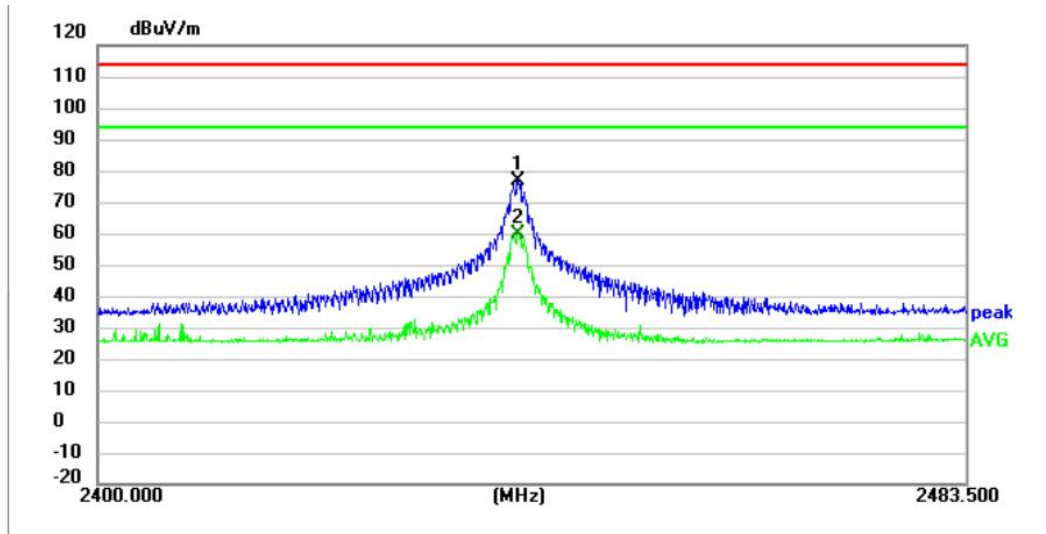
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	2420.0000	100.75	-17.26	83.49	114.00	30.51	peak
2 *	2420.0000	83.78	-17.26	66.52	94.00	27.48	AVG

Mode1 / Polarization: Vertical / CH: L



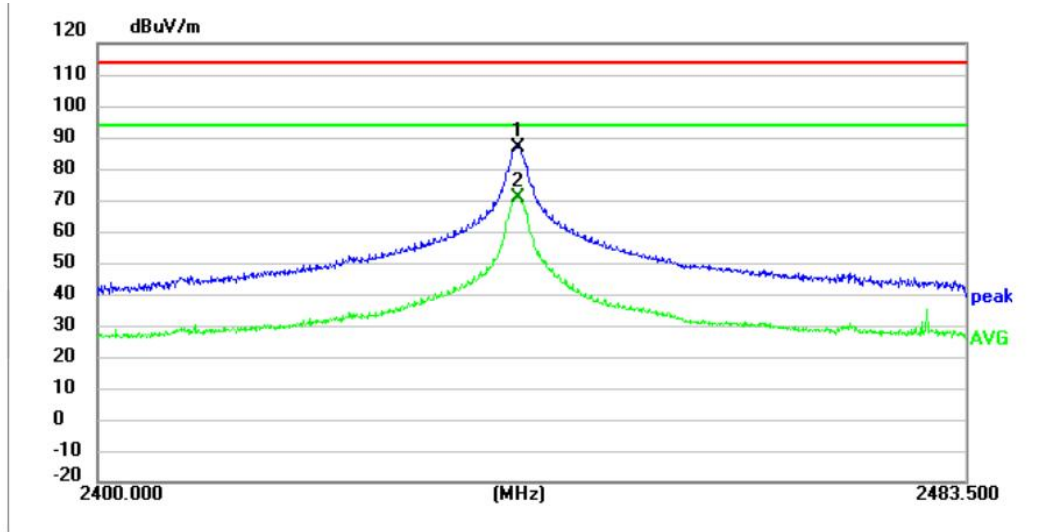
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	2420.0000	102.02	-17.26	84.76	114.00	29.24	peak
2 *	2420.0000	86.10	-17.26	68.84	94.00	25.16	AVG

Mode1 / Polarization: Horizontal / CH: M



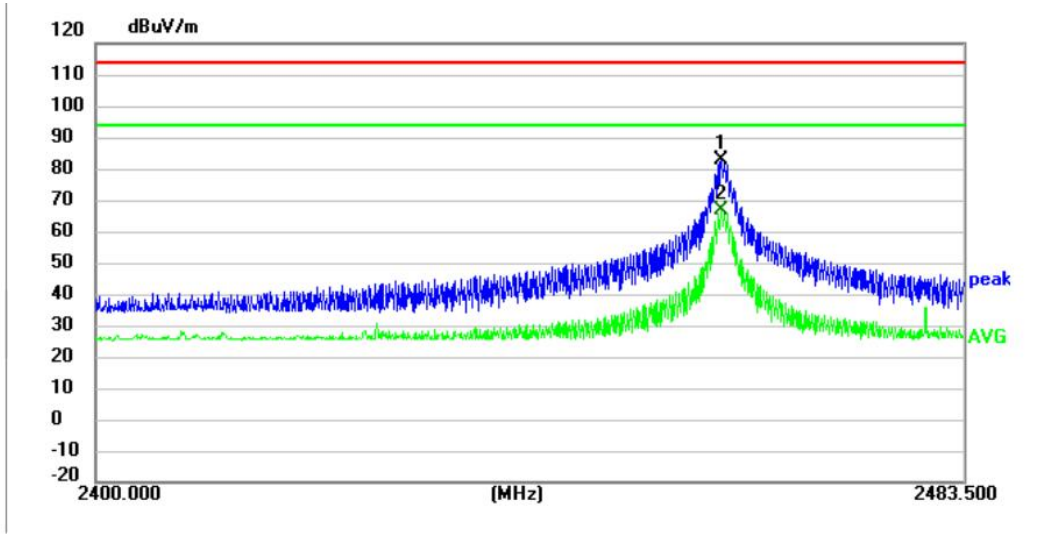
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	2440.0000	93.98	-17.22	76.76	114.00	37.24	peak
2 *	2440.0000	77.21	-17.22	59.99	94.00	34.01	AVG

Mode1 / Polarization: Vertical / CH: M



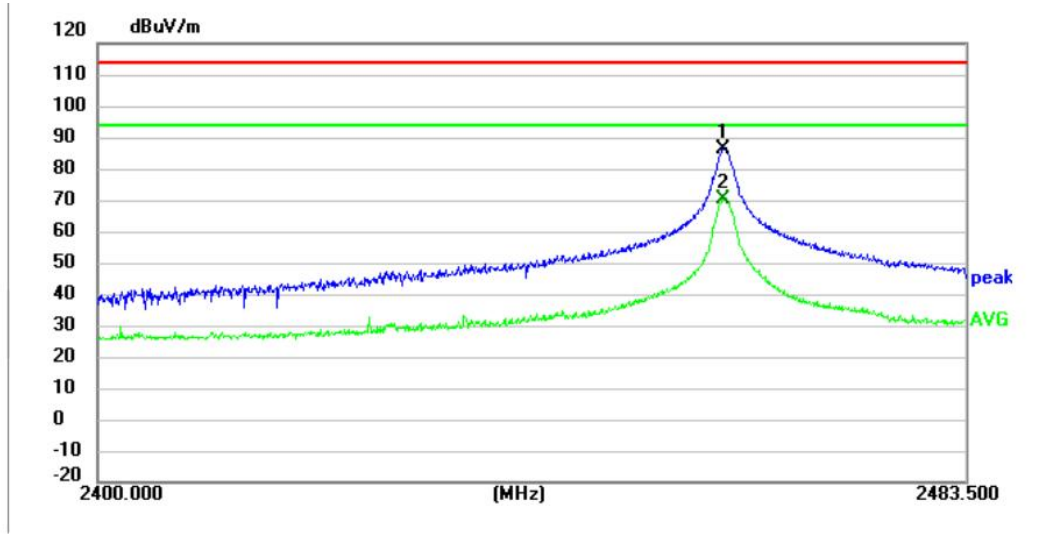
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	2440.0000	103.81	-17.22	86.59	114.00	27.41	peak
2 *	2440.0000	87.86	-17.22	70.64	94.00	23.36	AVG

Mode1 / Polarization: Horizontal / CH: H



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	2460.0000	99.96	-17.16	82.80	114.00	31.20	peak
2 *	2460.0000	84.03	-17.16	66.87	94.00	27.13	AVG

Mode1 / Polarization: Vertical / CH: H



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	2460.0000	103.23	-17.16	86.07	114.00	27.93	peak
2 *	2460.0000	87.28	-17.16	70.12	94.00	23.88	AVG

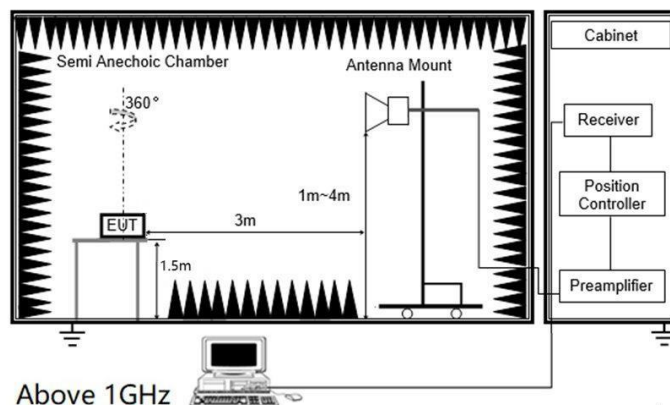
6.2.3. Band edge emissions (Radiated)

Test Requirement:	Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 50 dB below the level of the fundamental or to the general radiated emission limits in § 15.209, whichever is the lesser attenuation.		
Test Limit:	Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 50 dB below the level of the fundamental or to the general radiated emission limits in § 15.209, whichever is the lesser attenuation.		
	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.			
Test Method:	ANSI C63.10-2020 section 6.6.4		
Procedure:	ANSI C63.10-2020 section 6.6.4		

6.2.3.1. E.U.T. Operation

Operating Environment:					
Temperature:	22.8 °C	Humidity:	56.9 %	Atmospheric Pressure:	102.9 kPa
Pre test mode:	Mode1				
Final test mode:	Mode1				

6.2.3.2. Test Setup Diagram

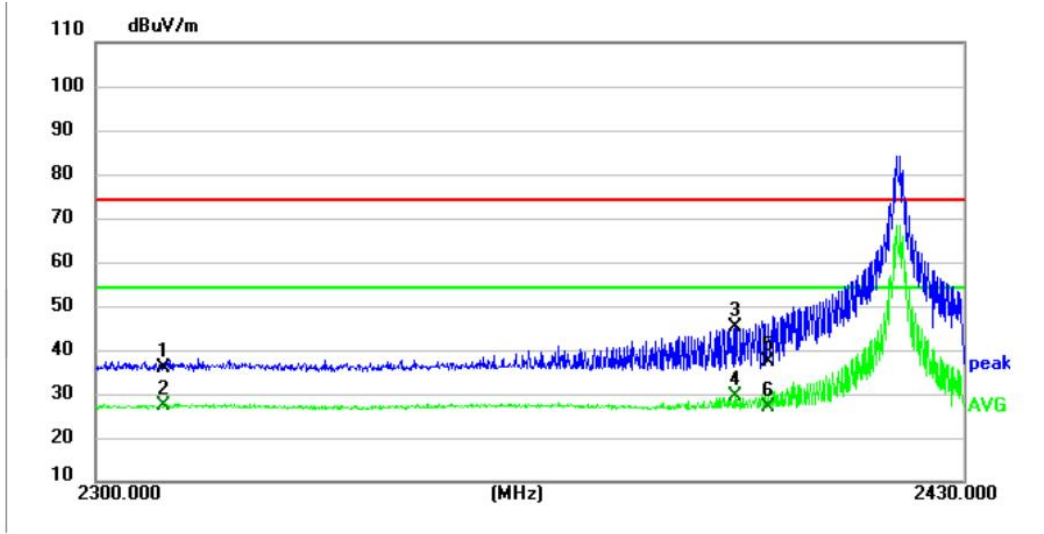


6.2.3.3. Test Result

Pass

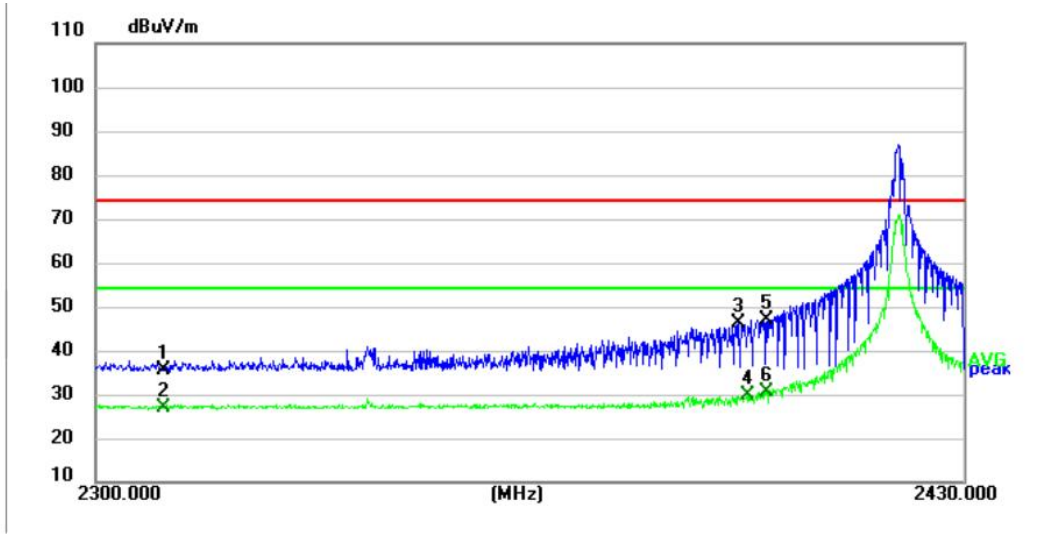
6.2.3.4. Test Data

Mode1 / Polarization: Horizontal / CH: L



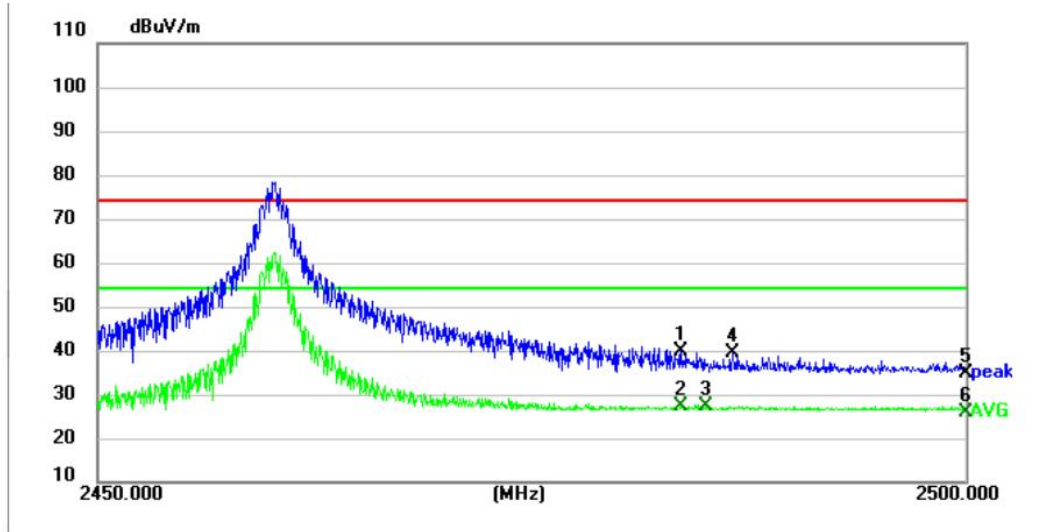
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	2310.0000	51.34	-15.55	35.79	74.00	38.21	peak
2	2310.0000	42.70	-15.55	27.15	54.00	26.85	AVG
3	2395.3420	61.10	-15.79	45.31	74.00	28.69	peak
4 *	2395.3420	45.33	-15.79	29.54	54.00	24.46	AVG
5	2400.0000	53.09	-15.79	37.30	74.00	36.70	peak
6	2400.0000	42.86	-15.79	27.07	54.00	26.93	AVG

Mode1 / Polarization: Vertical / CH: L



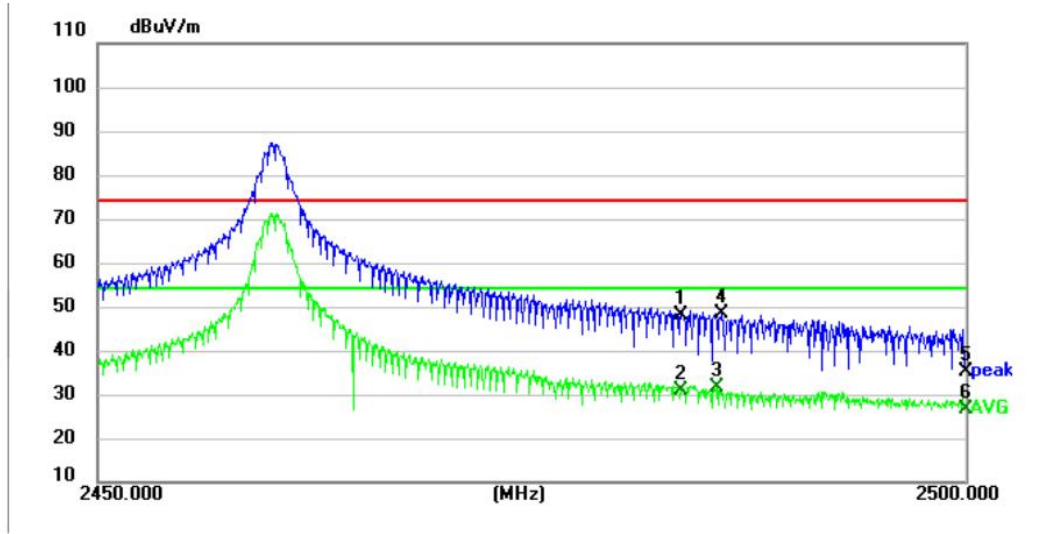
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	2310.0000	51.18	-15.55	35.63	74.00	38.37	peak
2	2310.0000	42.66	-15.55	27.11	54.00	26.89	AVG
3	2395.7709	61.92	-15.79	46.13	74.00	27.87	peak
4	2396.9800	45.75	-15.79	29.96	54.00	24.04	AVG
5	2400.0000	62.77	-15.79	46.98	74.00	27.02	peak
6 *	2400.0000	46.48	-15.79	30.69	54.00	23.31	AVG

Mode1 / Polarization: Horizontal / CH: M



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	2483.5000	56.05	-16.25	39.80	74.00	34.20	peak
2	2483.5000	43.64	-16.25	27.39	54.00	26.61	AVG
3 *	2485.0000	43.75	-16.25	27.50	54.00	26.50	AVG
4	2486.5250	55.62	-16.25	39.37	74.00	34.63	peak
5	2500.0000	51.05	-16.29	34.76	74.00	39.24	peak
6	2500.0000	42.21	-16.29	25.92	54.00	28.08	AVG

Mode1 / Polarization: Vertical / CH: M



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	2483.5000	64.27	-16.25	48.02	74.00	25.98	peak
2	2483.5000	47.08	-16.25	30.83	54.00	23.17	AVG
3 *	2485.5500	47.73	-16.26	31.47	54.00	22.53	AVG
4	2485.9250	64.70	-16.26	48.44	74.00	25.56	peak
5	2500.0000	51.40	-16.29	35.11	74.00	38.89	peak
6	2500.0000	42.95	-16.29	26.66	54.00	27.34	AVG

6.2.4. Emissions in frequency bands (below 1GHz)

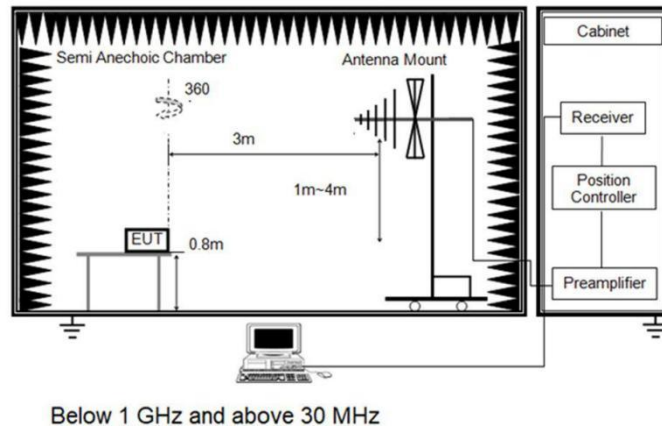
Test Requirement:	47 CFR 15.249(a) 47 CFR 15.249(d) 47 CFR 15.249(e)																										
Test Limit:	Except as provided in paragraph (b) of this section, the field strength of emissions from intentional radiators operated within these frequency bands shall comply with the following:																										
	<table><tr><th>Fundamental frequency</th><th>Field strength of fundamental (millivolts/meter)</th><th>Field strength of harmonics (microvolts/meter)</th></tr><tr><td>902-928 MHz</td><td>50</td><td>500</td></tr><tr><td>2400-2483.5 MHz</td><td>50</td><td>500</td></tr><tr><td>5725-5875 MHz</td><td>50</td><td>500</td></tr><tr><td>24.0-24.25 GHz</td><td>250</td><td>2500</td></tr></table>			Fundamental frequency	Field strength of fundamental (millivolts/meter)	Field strength of harmonics (microvolts/meter)	902-928 MHz	50	500	2400-2483.5 MHz	50	500	5725-5875 MHz	50	500	24.0-24.25 GHz	250	2500									
	Fundamental frequency	Field strength of fundamental (millivolts/meter)	Field strength of harmonics (microvolts/meter)																								
	902-928 MHz	50	500																								
	2400-2483.5 MHz	50	500																								
	5725-5875 MHz	50	500																								
	24.0-24.25 GHz	250	2500																								
	Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 50 dB below the level of the fundamental or to the general radiated emission limits in § 15.209, whichever is the lesser attenuation.																										
	<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>			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
	Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)																								
0.009-0.490	2400/F(kHz)	300																									
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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.																											
Test Method:	ANSI C63.10-2020 section 6.5																										
Procedure:	ANSI C63.10-2020 section 6.5																										

6.2.4.1. E.U.T. Operation

Operating Environment:

Temperature:	22.8 °C	Humidity:	55.3 %	Atmospheric Pressure:	102.9 kPa
Pre test mode:	Mode1, Mode2				
Final test mode:	All of the listed pre-test mode were tested, only the data of the worst mode (Mode2) is recorded in the report				

6.2.4.2. Test Setup Diagram

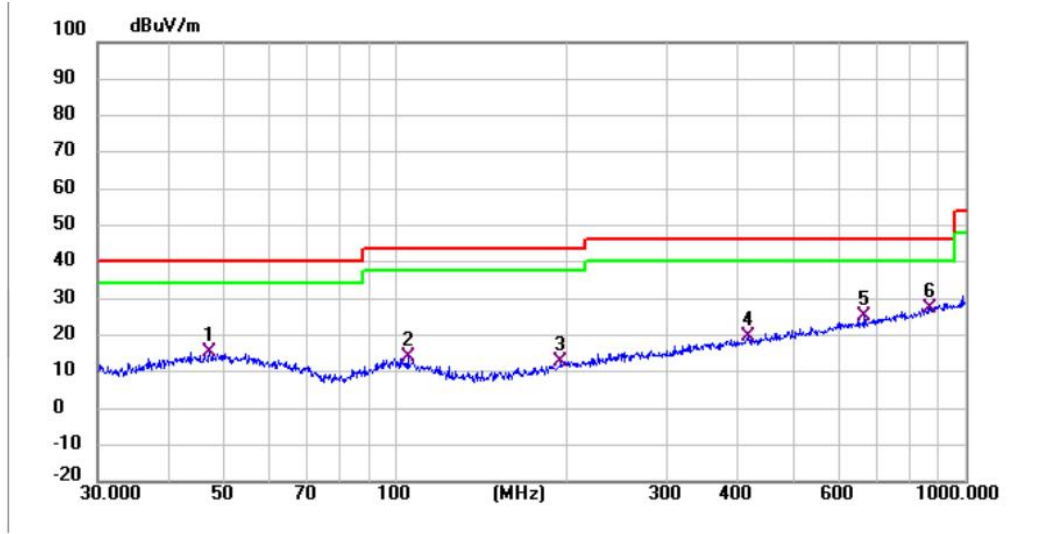


6.2.4.3. Test Result

Pass

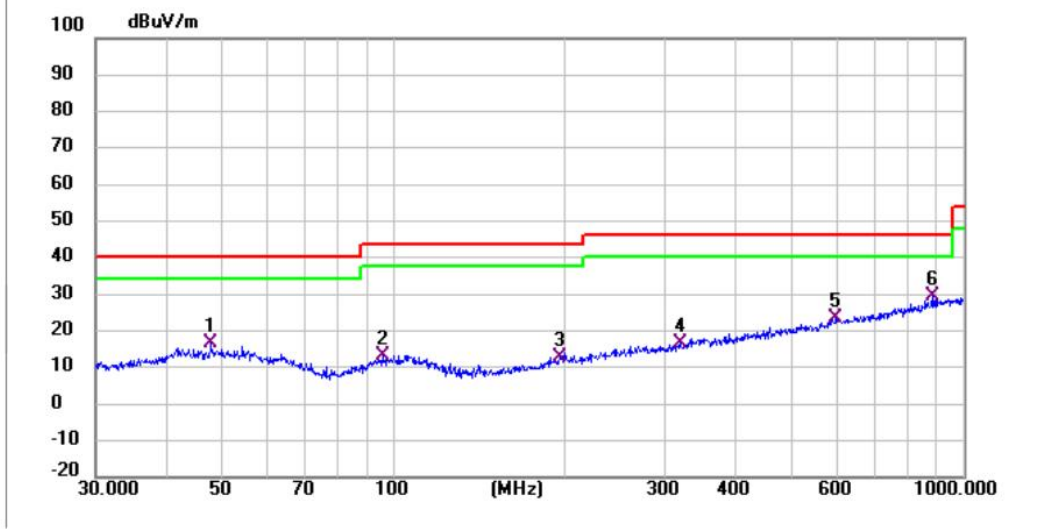
6.2.4.4. Test Data

Mode2 / Polarization: Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	47.1598	43.83	-28.66	15.17	40.00	24.83	QP
2	105.2717	44.49	-30.28	14.21	43.50	29.29	QP
3	195.1363	43.59	-30.67	12.92	43.50	30.58	QP
4	416.1791	44.31	-24.63	19.68	46.00	26.32	QP
5	665.8034	44.93	-19.92	25.01	46.00	20.99	QP
6 *	866.0880	44.34	-16.88	27.46	46.00	18.54	QP

Mode2 / Polarization: Vertical



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	47.8260	45.31	-28.66	16.65	40.00	23.35	QP
2	95.7622	44.41	-31.14	13.27	43.50	30.23	QP
3	195.8220	43.41	-30.45	12.96	43.50	30.54	QP
4	318.8170	43.87	-27.25	16.62	46.00	29.38	QP
5	597.2234	44.04	-20.70	23.34	46.00	22.66	QP
6 *	881.4067	46.18	-16.68	29.50	46.00	16.50	QP

6.2.5. Emissions in frequency bands (above 1GHz)

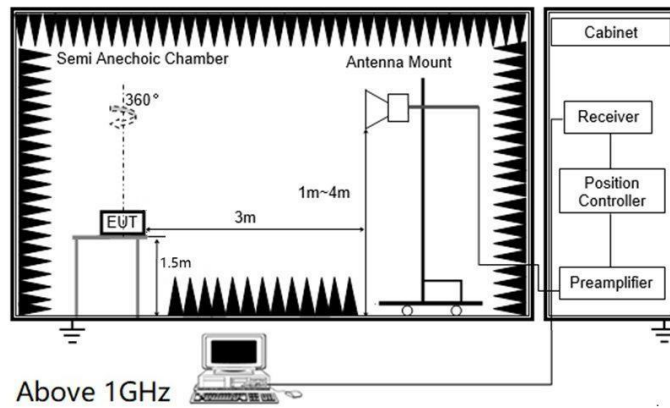
Test Requirement:	47 CFR 15.249(a) 47 CFR 15.249(d) 47 CFR 15.249(e)																																								
Test Limit:	Except as provided in paragraph (b) of this section, the field strength of emissions from intentional radiators operated within these frequency bands shall comply with the following: <table border="1"> <thead> <tr> <th>Fundamental frequency</th><th>Field strength of fundamental (millivolts/meter)</th><th>Field strength of harmonics (microvolts/meter)</th></tr> </thead> <tbody> <tr> <td>902-928 MHz</td><td>50</td><td>500</td></tr> <tr> <td>2400-2483.5 MHz</td><td>50</td><td>500</td></tr> <tr> <td>5725-5875 MHz</td><td>50</td><td>500</td></tr> <tr> <td>24.0-24.25 GHz</td><td>250</td><td>2500</td></tr> </tbody> </table> Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 50 dB below the level of the fundamental or to the general radiated emission limits in § 15.209, whichever is the lesser attenuation. <table border="1"> <thead> <tr> <th>Frequency (MHz)</th><th>Field strength (microvolts/meter)</th><th>Measurement distance (meters)</th></tr> </thead> <tbody> <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> </tbody> </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.		Fundamental frequency	Field strength of fundamental (millivolts/meter)	Field strength of harmonics (microvolts/meter)	902-928 MHz	50	500	2400-2483.5 MHz	50	500	5725-5875 MHz	50	500	24.0-24.25 GHz	250	2500	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
Fundamental frequency	Field strength of fundamental (millivolts/meter)	Field strength of harmonics (microvolts/meter)																																							
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216-960	200 **	3																																							
Above 960	500	3																																							
Test Method:	ANSI C63.10-2020 section 6.6																																								
Procedure:	ANSI C63.10-2020 section 6.6																																								

6.2.5.1. E.U.T. Operation

Operating Environment:

Temperature:	22.3 °C	Humidity:	56.8 %	Atmospheric Pressure:	102.9 kPa
Pre test mode:	Mode1, Mode2				
Final test mode:	All of the listed pre-test mode were tested, only the data of the worst mode (Mode1) is recorded in the report				

6.2.5.2. Test Setup Diagram

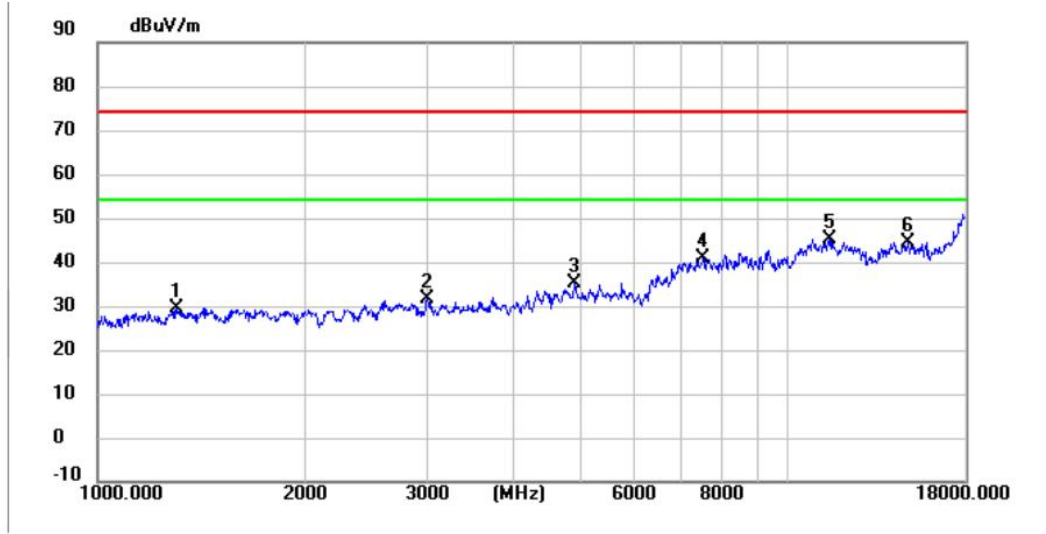


6.2.5.3. Test Result

Pass

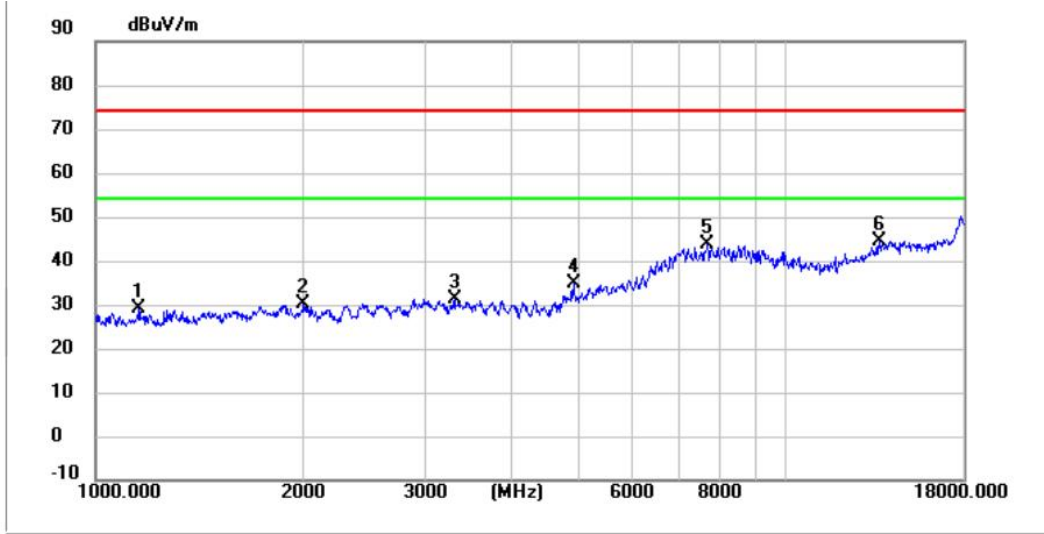
6.2.5.4. Test Data

Mode1 / Polarization: Horizontal / CH: L



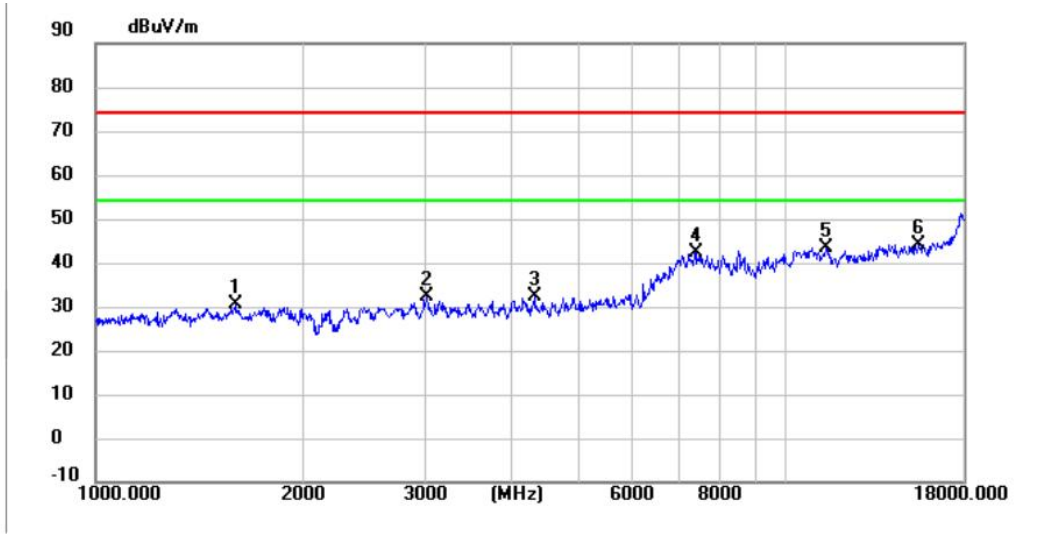
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1304.3000	50.87	-21.27	29.60	74.00	44.40	peak
2	3006.0000	46.13	-14.61	31.52	74.00	42.48	peak
3	4904.9000	44.34	-9.32	35.02	74.00	38.98	peak
4	7528.0000	35.64	5.36	41.00	74.00	33.00	peak
5 *	11434.6000	31.16	13.97	45.13	74.00	28.87	peak
6	14924.7000	26.61	17.82	44.43	74.00	29.57	peak

Mode1 / Polarization: Vertical / CH: L



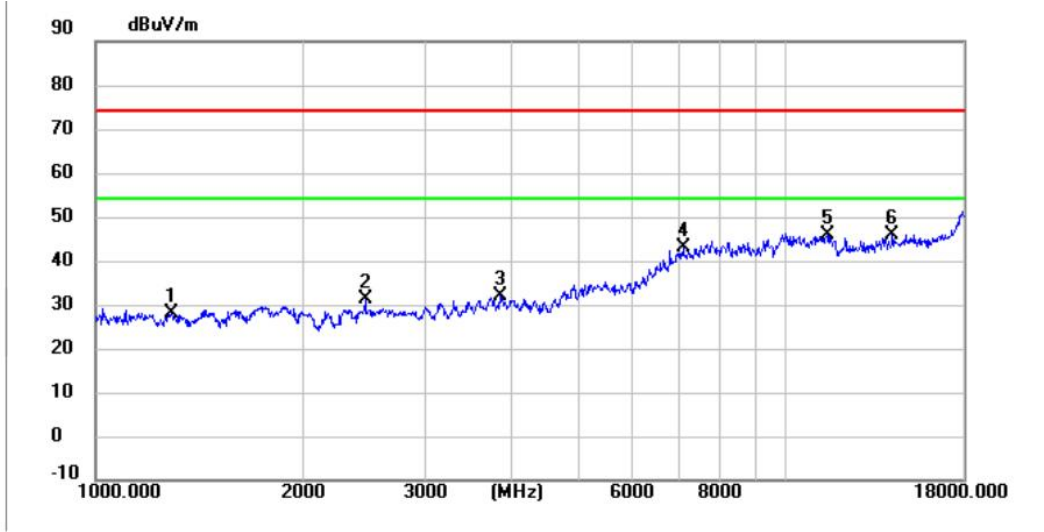
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1158.1000	50.67	-21.61	29.06	74.00	44.94	peak
2	2001.3000	48.66	-18.46	30.20	74.00	43.80	peak
3	3313.7000	45.21	-13.92	31.29	74.00	42.71	peak
4	4916.8000	44.06	-9.26	34.80	74.00	39.20	peak
5	7681.0000	38.10	5.74	43.84	74.00	30.16	peak
6 *	13673.5000	27.00	17.55	44.55	74.00	29.45	peak

Mode1 / Polarization: Horizontal / CH: M



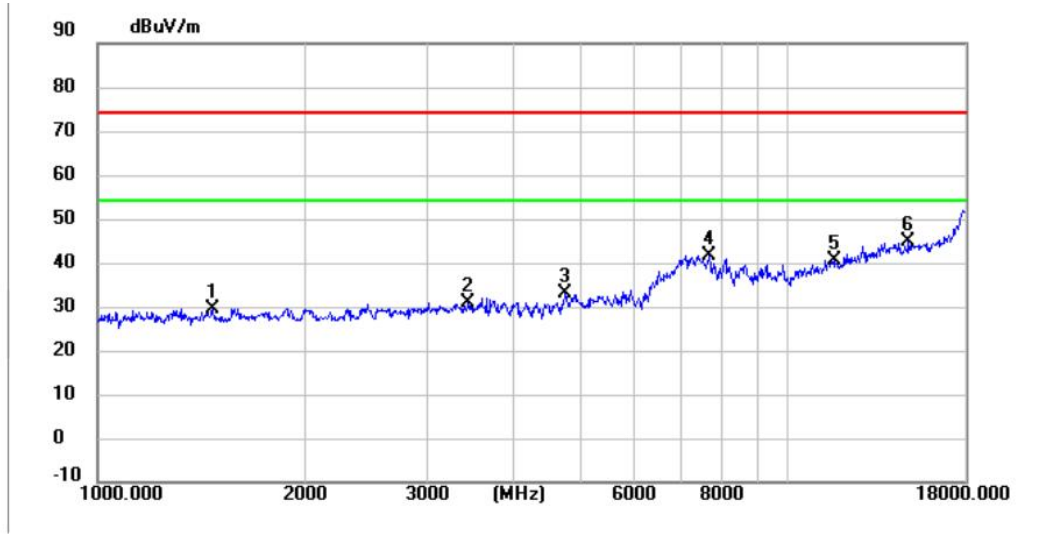
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1596.7000	50.93	-20.48	30.45	74.00	43.55	peak
2	3021.3000	47.02	-14.58	32.44	74.00	41.56	peak
3	4326.9000	44.08	-11.61	32.47	74.00	41.53	peak
4	7403.9000	37.45	4.93	42.38	74.00	31.62	peak
5	11410.8000	29.40	13.94	43.34	74.00	30.66	peak
6 *	15506.1000	26.86	17.29	44.15	74.00	29.85	peak

Mode1 / Polarization: Vertical / CH: M



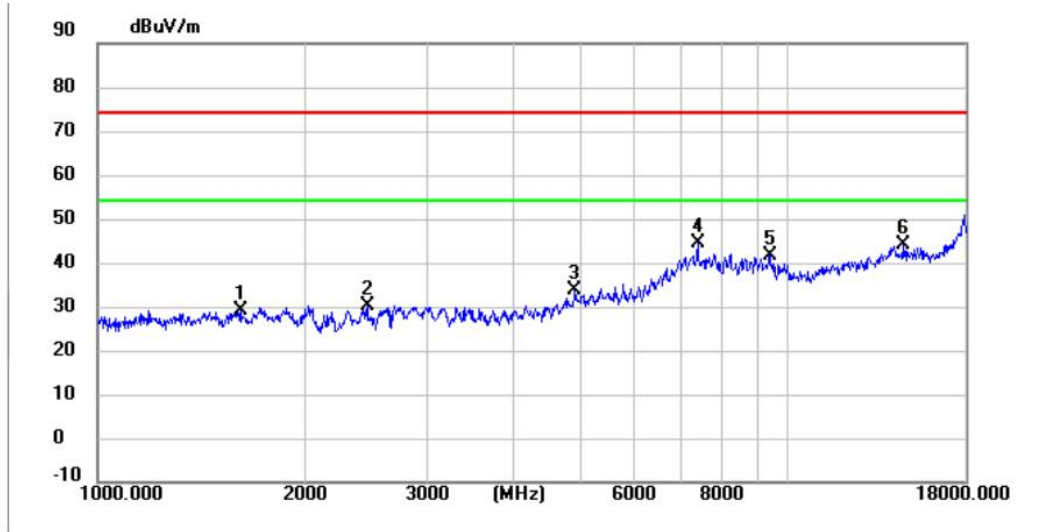
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1287.3000	49.31	-21.31	28.00	74.00	46.00	peak
2	2460.3000	48.36	-17.16	31.20	74.00	42.80	peak
3	3862.8000	44.54	-12.67	31.87	74.00	42.13	peak
4	7079.2000	39.25	3.96	43.21	74.00	30.79	peak
5	11451.6000	31.88	13.98	45.86	74.00	28.14	peak
6 *	14234.5000	27.48	18.58	46.06	74.00	27.94	peak

Mode1 / Polarization: Horizontal / CH: H



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1465.8000	50.33	-20.80	29.53	74.00	44.47	peak
2	3444.6000	44.72	-13.75	30.97	74.00	43.03	peak
3	4757.0000	43.29	-10.16	33.13	74.00	40.87	peak
4	7677.6000	36.05	5.73	41.78	74.00	32.22	peak
5	11635.2000	26.60	14.05	40.65	74.00	33.35	peak
6 *	14943.4000	27.21	17.79	45.00	74.00	29.00	peak

Mode1 / Polarization: Vertical / CH: H



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1612.0000	49.48	-20.44	29.04	74.00	44.96	peak
2	2460.3000	47.49	-17.16	30.33	74.00	43.67	peak
3	4915.1000	43.03	-9.27	33.76	74.00	40.24	peak
4 *	7390.3000	39.53	4.89	44.42	74.00	29.58	peak
5	9406.5000	32.21	9.56	41.77	74.00	32.23	peak
6	14637.4000	25.80	18.24	44.04	74.00	29.96	peak

-----End of the report-----