



EUROFINS ELECTRICAL TESTING SERVICE (SHENZHEN) Co., LTD.

RADIO TEST - REPORT

FCC Compliance Test Report for

Product name: MOTO CROSSLANDER

Model name: RC18

FCC ID: UU8-RC18

Test Report Number: EFGX24050248-IE-03-E01

1	General Information	3
1.1	Notes	3
1.2	Testing laboratory	4
1.3	Details of applicant	4
1.4	Details of manufacturer	4
1.5	Application details	5
1.6	Test item	5
1.7	Test standards	5
2	Technical test	6
2.1	Summary of test results	6
2.2	Test environment	6
2.3	Measurement uncertainty	6
2.4	Test mode	7
2.5	Test equipment utilized	8
2.6	Auxiliary Equipment Used during Test:	8
2.7	Test software information:	8
2.8	Test setup	9
2.9	Test results	11
3	Technical requirement and result	12
3.1	20 dB bandwidth	12
3.2	Radiated emission	15

1 General Information

1.1 Notes

The results of this test report relate exclusively to the item tested as specified in chapter “Description of test item” and are not transferable to any other test items.

Eurofins Electrical Testing Service (Shenzhen) Co., Ltd. is not responsible for any generalisations and conclusions drawn from this report. Any modification of the test item can lead to invalidity of test results and this test report may therefore be not applicable to the modified test item.

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Operator:

2024-06-12

Bruce Zheng / Project Engineer



Date

Eurofins-Lab.

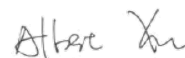
Name / Title

Signature

Technical responsibility for area of testing:

2024-06-12

Albert Xu / Lab Manager



Date

Eurofins-Lab.

Name / Title

Signature

1.2 Testing laboratory

Eurofins Electrical Testing Service (Shenzhen) Co., Ltd.

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The Laboratory has passed the Accreditation by the American Association for Laboratory Accreditation (A2LA). The Accreditation number is 5376.01

The Laboratory has been listed by industry Canada to perform electromagnetic emission measurements, The CAB identifier is CN0088

1.3 Details of applicant

Name : Lexibook America
Address : C/O Pramex International 1251 Avenue of the Americas,
3rd Fl., New York 10020 United States
Telephone : ./.
Fax : ./.

1.4 Details of manufacturer

Name : Lexibook America
Address : C/O Pramex International 1251 Avenue of the Americas, 3rd
Fl., New York 10020 United States
Telephone : ./.
Fax : ./.

1.5 Application details

Date of receipt of application : 2024-05-17
 Date of receipt of test item : 2024-05-17
 Date of test : 2024-05-17 to 2024-06-06
 Date of issue : 2024-06-12

1.6 Test item

Product type : MOTO CROSSLANDER
 Model name : RC18
 Brand : ./.
 Sample ID : 240517-13-004
 Serial number : ./.
 Ratings : 3Vdc supplied by 2* type "AA" Battery
 Test voltage : 3Vdc
 FCC ID : UU8-RC18
 PMN : MOTO CROSSLANDER
 Additional information : ./.

RadioTechnical data

Frequency range : 2410MHz – 2470MHz
 Radio Tech. : 2.4G SRD
 Frequency channel : 61
 Modulation : GFSK
 Antenna type : Internal antenna

1.7 Test standards

Test Standards	
FCC Part 15 Subpart C December 16, 2020	PART 15 - RADIO FREQUENCY DEVICES Subpart C - Intentional Radiators

Test Method

- ANSI C63.4-2014, American National Standard for Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the Range of 9 kHz to 40 GHz.
- ANSI C63.10-2013, American National Standard for Testing Unlicensed Wireless Devices.

2 Technical test

2.1 Summary of test results

No deviations from the technical specification(s) were ascertained in the course of the tests performed.

or

The deviations as specified were ascertained in the course of the tests performed.

2.2 Test environment

RF Conducted

Environment Parameter	Temperature	Relative Humidity
101.2Kpa	24.6	62.6%

Radiated

Environment Parameter	Temperature	Relative Humidity
101.2Kpa	23.7	51.7%

2.3 Measurement uncertainty

The uncertainty is calculated using the methods suggested in the "Guide to the Expression of Uncertainty in Measurement" (GUM) published by ISO.

System Measurement Uncertainty	
Test Items	Extended Uncertainty
Uncertainty in conducted measurements	1.96dB
Uncertainty for Conducted RF test	RF Power Conducted: 1.16dB Frequency test involved: 1.05x10 ⁻⁷ or 1%
Uncertainty for Radiated Spurious Emission 25MHz-3000MHz	Horizontal: 4.46dB; Vertical: 4.54dB;
Uncertainty for Radiated Spurious Emission 3000MHz-18000MHz	Horizontal: 4.42dB; Vertical: 4.41dB;
Uncertainty for Radiated Spurious Emission 18000MHz-40000MHz	Horizontal: 4.63dB; Vertical: 4.62dB;

2.4 Test mode

Channel List

Channel	Fre- quency (MHz)	Channel	Fre- quency (MHz)	Channel	Fre- quency (MHz)	Channel	Fre- quency (MHz)
1	2410	21	2430	41	2450	61	2470
2	2411	22	2431	42	2451	62	
3	2412	23	2432	43	2452	63	
4	2413	24	2433	44	2453	64	
5	2414	25	2434	45	2454	65	
6	2415	26	2435	46	2455	66	
7	2416	27	2436	47	2456	67	
8	2417	28	2437	48	2457	68	
9	2418	29	2438	49	2458	69	
10	2419	30	2439	50	2459	70	
11	2420	31	2440	51	2460	71	
12	2421	32	2441	52	2461	72	
13	2422	33	2442	53	2462	73	
14	2423	34	2443	54	2463	74	
15	2424	35	2444	55	2464	75	
16	2425	36	2445	56	2465	76	
17	2426	37	2446	57	2466	77	
18	2427	38	2447	58	2467	78	
19	2428	39	2448	59	2468	79	
20	2429	40	2449	60	2469	80	

The EUT was set at continuously transmitting mode (2410MHz,2440MHz,2470MHz) during the test.

2.5 Test equipment utilized

EQUIPMENT ID	EQUIPMENT NAME	MODEL NO.	CAL. DUE DATE
23-2-13-05	EMI Test Receiver	ESR3	2025-03-25
23-2-13-06	LISN	NNLK 8127 RC	2025-03-25
23-2-10-16	Attenuator	VTSD 9561-F	2025-03-25
23-2-13-12	Signal Analyzer	N9010B-544	2025-03-25
23-2-13-13	BT/WLAN Tester	CMW270	2025-03-25
23-2-13-14	Signal Generator	N5183B-520	2025-03-25
23-2-13-15	Vector Signal Generator	N5182B-506	2025-03-25
23-2-10-43	Switch and Control Unit	ERIT-E-JS0806-2	2025-03-25
23-2-10-44	DC power supply	E3642A	2025-03-25
23-2-10-45	Temperature test chamber	SG-80-CC-2	2025-03-25
23-2-13-01	EMI Test Receiver	ESR7	2025-03-25
23-2-13-02	Signal Analyzer	N9020B-544	2025-03-25
23-2-12-01	Active Loop Antenna	FMZB 1519B	2025-05-05
23-2-12-02	TRILOG Broadband Antenna	VULB9168	2025-05-05
23-2-12-03	Horn Antenna	3117	2025-05-05
23-2-12-04	Horn Antenna	BBHA 9170	2025-05-05
23-2-10-01	Preamplifier	BBV9745	2025-03-25
23-2-10-02	Preamplifier	TAP01018048	2025-03-25
23-2-10-03	Preamplifier	TAP18040048	2025-03-25
23-2-10-14	Switch and Control Unit	ERIT-E-JS0806-SF1	N/A

2.6 Auxiliary Equipment Used during Test:

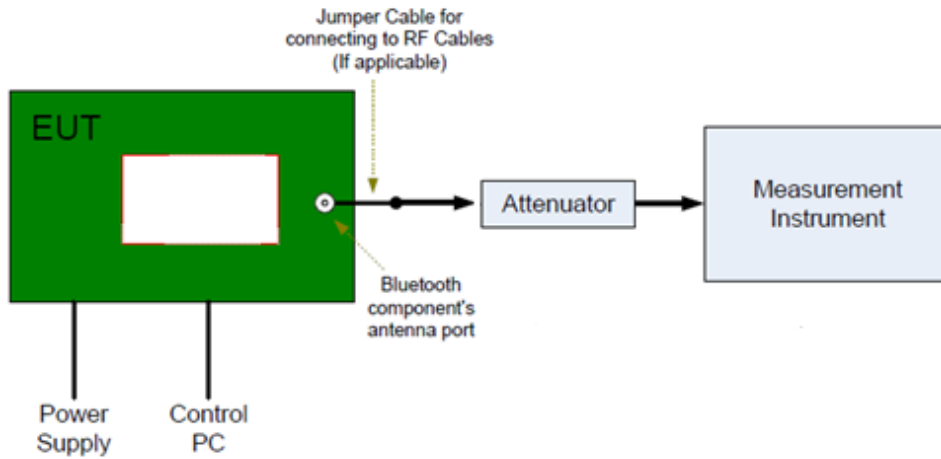
DESCRIPTION	MANUFACTURER	MODEL NO.	S/N
Laptop	LENOVO	TP00096A	PF-1QH0LV

2.7 Test software information:

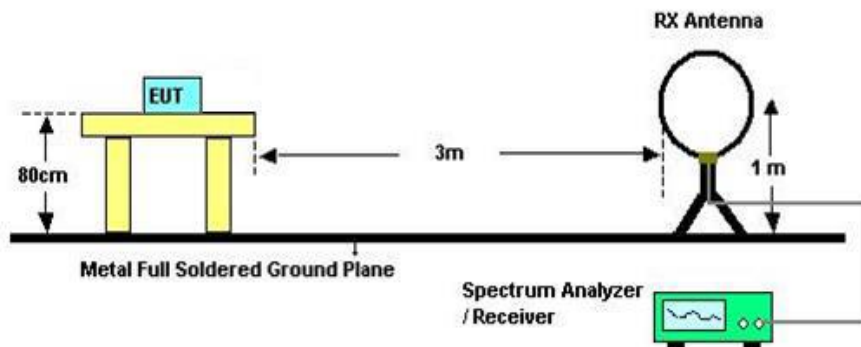
Test Software Version	N.A		
Modulation	Setting TX Power	TX Pattern	Packet Type
GFSK	N.A	TX Packet	N.A

2.8 Test setup

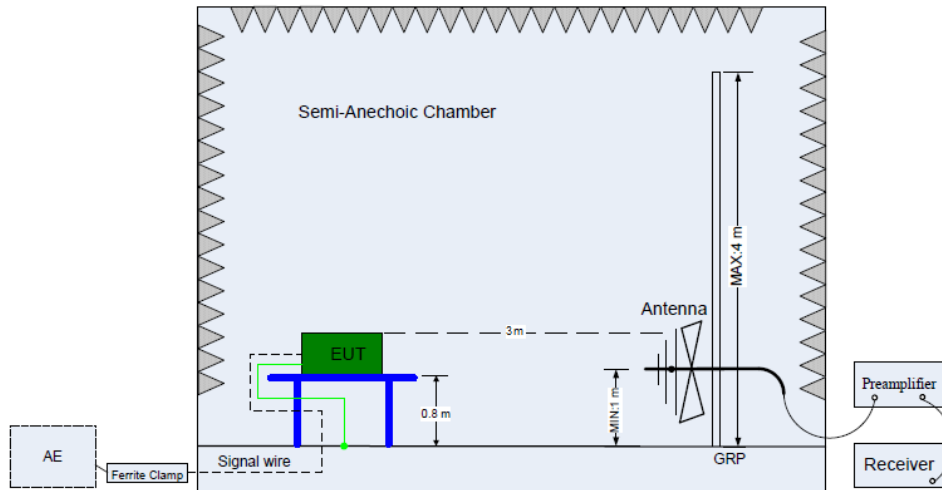
Setup diagram for conducted tests



Setup diagram for radiated tests below 30MHz

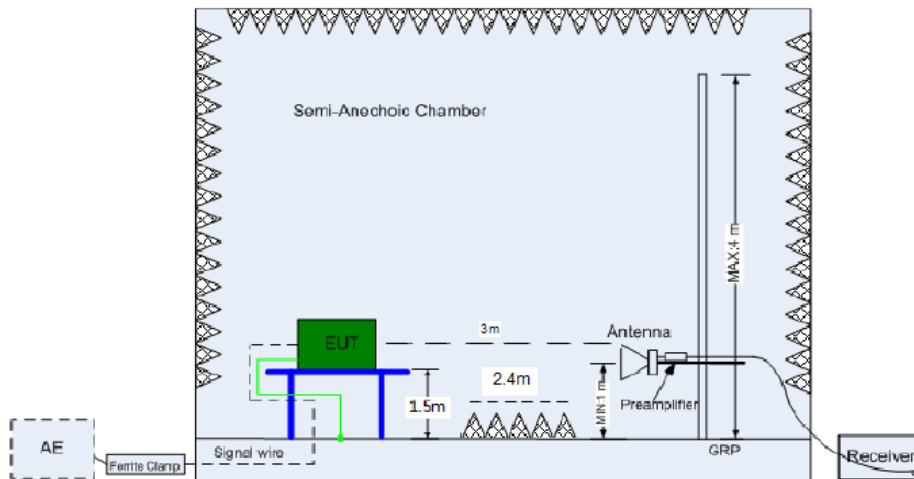


Setup diagram for radiated tests below 1GHz



(Below 1 GHz)

Setup diagram for radiated tests above 1GHz



(Above 1 GHz)

2.9 Test results

 1st test

 test after modification

 production test

Technical Requirements				
FCC Part 15 Subpart C				
Test Condition		Test Result	Verdict	Test Site
§15.215(c)(1)	20dB bandwidth	See page 12	Pass	Site 1
§15.249(a)&(d)&§15.209 &§15.205	Radiated emission	See page 16	Pass	Site 1
§15.203	Antenna requirement	See note 1	Pass	--

Remark 1: N/A – Not Applicable.

Note 1: The EUT uses a internal antenna. According to §15.203, it is considered sufficiently to comply with the provisions of this section.

3 Technical requirement and result

3.1 20 dB bandwidth

Test Method:

The test method was referred to the subclause 6.9.2 of ANSI C63.10-2013.

The occupied bandwidth is measured as the width of the spectral envelope of the modulated signal, at an amplitude level reduced from a reference value by a specified ratio (or in decibels, a specified number of dB down from the reference value). Typical ratios, expressed in dB, are -6 dB, -20 dB, and -26 dB, corresponding to 6 dB BW, 20 dB BW, and 26 dB BW, respectively. In this subclause, the ratio is designated by “-xx dB.” The reference value is either the level of the unmodulated carrier or the highest level of the spectral envelope of the modulated signal, as stated by the applicable requirement. Some requirements might specify a specific maximum or minimum value for the “-xx dB” bandwidth; other requirements might specify that the “-xx dB” bandwidth be entirely contained within the authorized or designated frequency band.

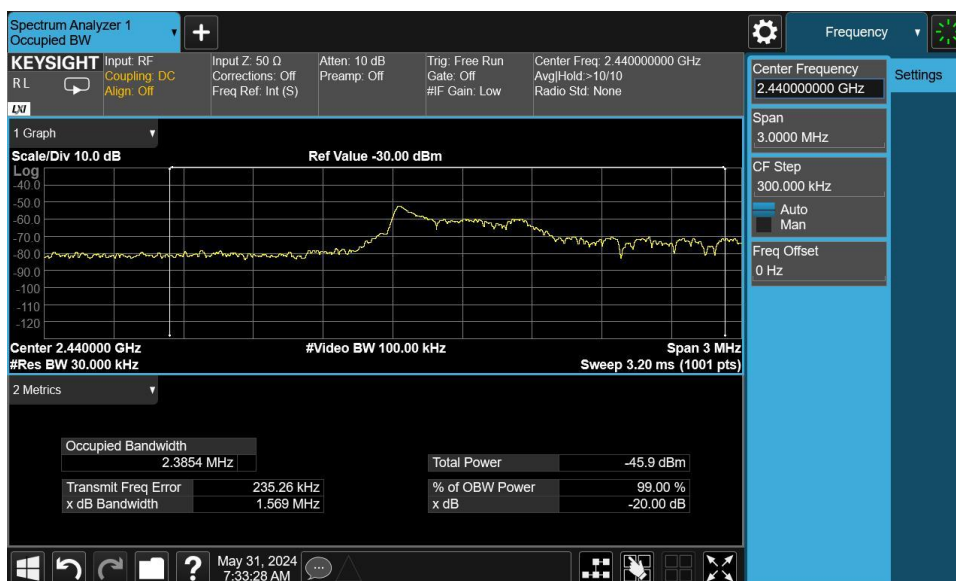
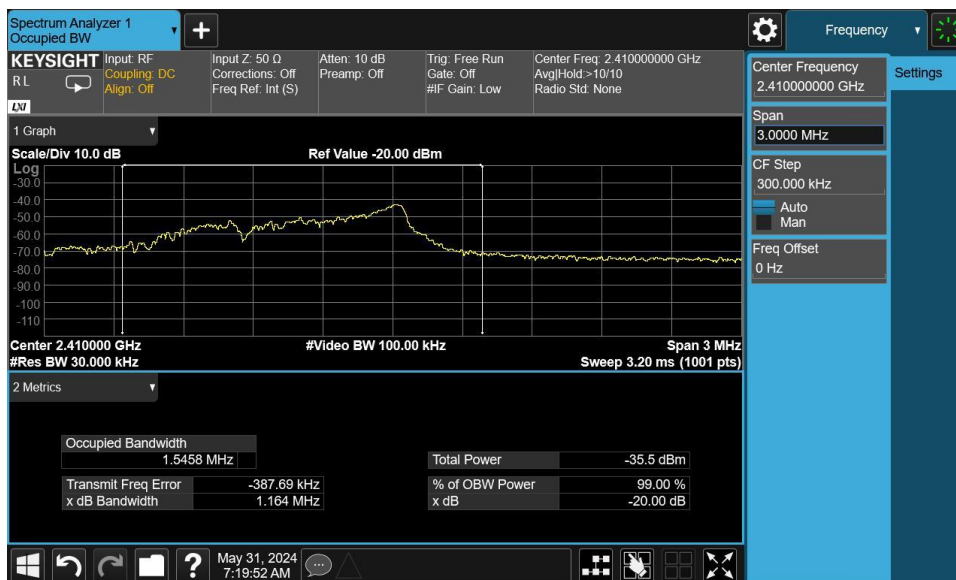
- a) The spectrum analyzer center frequency is set to the nominal EUT channel center frequency. The span range for the EMI receiver or spectrum analyzer shall be between two times and five times the OBW.
- b) The nominal IF filter bandwidth (3 dB RBW) shall be in the range of 1% to 5% of the OBW and 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 “ixx 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 “ixx 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).

Limit:

None; for reporting purposes only.

Test Result:

Channel	20db EBW [MHz]	Verdict
2410	1.164	PASS
2440	1.569	PASS
2470	1.544	PASS





3.2 Radiated emission

Test Method:

The test method was referred to the subclause 11.11/11.12 of ANSI C63.10-2013.

- 1: The EUT was placed on a turn table which is 1.5m above ground plane for above 1GHz and 0.8m above ground for below 1GHz at 3 meter chamber room for test. The table was rotated 360 degrees to determine the position of the highest radiation.
- 2: The EUT was set 3 meters away from the interference – receiving antenna, which was mounted on the top of a variable – height antenna tower.
- 3: The height of antenna is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- 4: For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- 5: Use the following spectrum analyzer settings According to C63.10:
For Above 1GHz
Span = wide enough to capture the peak level of the in-band emission and all spurious
RBW = 1MHz, VBW ≥ RBW for peak measurement and VBW = 10Hz for average measurement, Sweep = auto, Detector function = peak, Trace = max hold.
For Below 1GHz
Use the following spectrum analyzer settings:
Span = wide enough to capture the peak level of the in-band emission and all spurious
RBW = 100 KHz, VBW ≥ RBW for peak measurement, Sweep = auto, Detector function = peak, Trace = max hold.
For Below 30MHz
Use the following spectrum analyzer settings:
Span = wide enough to capture the peak level of the in-band emission and all spurious
RBW = 200 Hz, VBW ≥ RBW from 9KHz to 0.15MHz, RBW 9KHz VBW ≥ RBW from 0.15MHz to 30MHz for peak measurement, Sweep = auto, Detector function = peak, Trace = max hold.

Note:

- 1: The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120 KHz for Quasi-peak detection (QP) at frequency below 1GHz.
- 2: The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is 3MHz for peak detection (PK) at frequency above 1GHz.
- 3: The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is 3MHz for RMS Average ((duty cycle < 98%) for Average detection (AV) at frequency above 1GHz, then the measurement results was added to a correction factor ($20\log(1/\text{duty cycle})$).
- 4: The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is 10Hz (duty cycle > 98%) for Average detection (AV) at frequency above 1GHz.
- 5: When duty cycle < 98%, The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is $\text{VBW} \geq 1 / T$, the T is transmission duration (T).

Limit:

FCC §15.209

Frequency Range (MHz)	Field Strength Limit ($\mu\text{V/m}$) at 3 m	Field Strength Limit (dB $\mu\text{V/m}$) at 3 m
0.009-0.490	2400/F(kHz) @ 300 m	-
0.490-1.705	24000/F(kHz) @ 30 m	-
1.705 - 30	30 @ 30m	-
30 - 88	100	40
88 - 216	150	43.5
216 - 960	200	46
Above 960	500	54

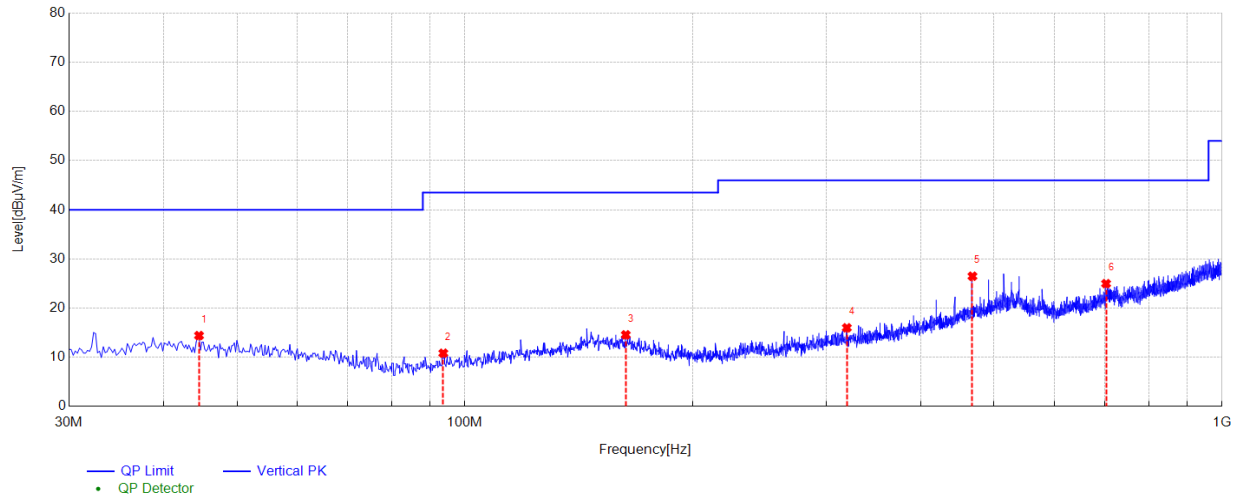
§15.205 Restricted bands of operation

MHz	MHz	MHz	GHz
0.090-0.110	16.42-16.423	399.9-410	4.5-5.15
0.495-0.505	16.69475-16.69525	608-614	5.35-5.46
2.1735-2.1905	16.80425-16.80475	960-1240	7.25-7.75
4.125-4.128	25.5-25.67	1300-1427	8.025-8.5
4.17725-4.17775	37.5-38.25	1435-1626.5	9.0-9.2
4.20725-4.20775	73-74.6	1645.5-1646.5	9.3-9.5
6.215-6.218	74.8-75.2	1660-1710	10.6-12.7
6.26775-6.26825	108-121.94	1718.8-1722.2	13.25-13.4
6.31175-6.31225	123-138	2200-2300	14.47-14.5
8.291-8.294	149.9-150.05	2310-2390	15.35-16.2
8.362-8.366	156.52475-156.52525	2483.5-2500	17.7-21.4
8.37625-8.38675	156.7-156.9	2690-2900	22.01-23.12
8.41425-8.41475	162.0125-167.17	3260-3267	23.6-24.0
12.29-12.293	167.72-173.2	3332-3339	31.2-31.8
12.51975-12.52025	240-285	3345.8-3358	36.43-36.5
12.57675-12.57725	322-335.4	3600-4400	
13.36-13.41			

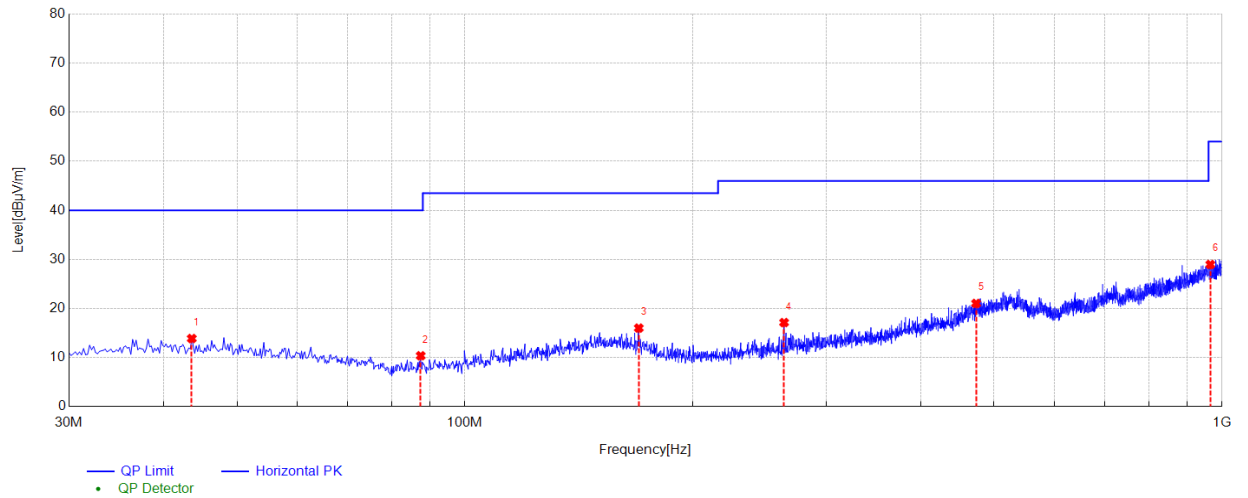
FCC §15.249(a)

Fundamental frequency	Field strength of fundamental (mV/m)	Field strength of fundamental (dB μ V/m)	Field strength of harmonics (μ V/m)	Field strength of harmonics (dB μ V/m)
902-928 MHz	50	94	500	54
2400-2483.5 MHz	50	94	500	54
5725-5875 MHz	50	94	500	54
24.0-24.25 GHz	250	128	2500	68

Test Result:



NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	44.5529	14.43	-15.98	40.00	25.57	100	87	Vertical	PASS
2	93.6447	10.84	-20.27	43.50	32.66	100	18	Vertical	PASS
3	163.110	14.57	-16.09	43.50	28.93	100	360	Vertical	PASS
4	319.505	16.01	-15.56	46.00	29.99	100	91	Vertical	PASS
5	468.139	26.49	-11.81	46.00	19.51	100	164	Vertical	PASS
6	702.926	24.98	-6.87	46.00	21.02	100	21	Vertical	PASS



NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	43.5827	13.89	-15.88	40.00	26.11	100	241	Horizontal	PASS
2	87.4355	10.38	-20.44	40.00	29.62	100	25	Horizontal	PASS
3	169.707	16.02	-16.50	43.50	27.48	100	165	Horizontal	PASS
4	264.010	17.14	-17.45	46.00	28.86	100	182	Horizontal	PASS
5	473.378	21.04	-11.68	46.00	24.96	100	339	Horizontal	PASS
6	965.073	28.97	-1.89	54.00	25.03	100	265	Horizontal	PASS

Mode:	2410
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NO.	Freq. [MHz]	Level [dB μ V/m]	Factor [dB/m]	Limit [dB μ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	1476	41.76	1.34	74.00	32.24	150	121	Horizontal	PASS
2	1988	45.52	5.98	74.00	28.48	150	145	Horizontal	PASS
3	4821	44.33	-15.04	74.00	29.67	150	329	Horizontal	PASS
4	6561	45.06	-12.20	74.00	28.94	150	68	Horizontal	PASS
5	10605	46.10	-6.90	74.00	27.90	150	191	Horizontal	PASS
6	15102	49.93	-0.39	74.00	24.07	150	151	Horizontal	PASS

NO.	Freq. [MHz]	Level [dB μ V/m]	Factor [dB/m]	Limit [dB μ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	1428	41.45	1.30	74.00	32.55	150	343	Vertical	PASS
2	2010	45.33	6.17	74.00	28.67	150	195	Vertical	PASS
3	4266	43.52	-16.54	74.00	30.48	150	334	Vertical	PASS
4	5724	44.30	-13.19	74.00	29.70	150	49	Vertical	PASS
5	8403	44.81	-10.33	74.00	29.19	150	28	Vertical	PASS
6	13548	49.82	-2.23	74.00	24.18	150	0	Vertical	PASS

Mode:	2440
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NO.	Freq. [MHz]	Level [dB μ V/m]	Factor [dB/m]	Limit [dB μ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	1294	42.11	1.17	74.00	31.89	150	263	Horizontal	PASS
2	1978	45.58	5.85	74.00	28.42	150	334	Horizontal	PASS
3	4881	45.64	-14.67	74.00	28.36	150	92	Horizontal	PASS
4	5712	45.58	-13.16	74.00	28.42	150	71	Horizontal	PASS
5	9207	45.71	-8.73	74.00	28.29	150	196	Horizontal	PASS
6	12696	49.49	-4.18	74.00	24.51	150	338	Horizontal	PASS

NO.	Freq. [MHz]	Level [dB μ V/m]	Factor [dB/m]	Limit [dB μ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	1294	41.64	1.17	74.00	32.36	150	247	Vertical	PASS
2	1722	43.89	3.37	74.00	30.11	150	59	Vertical	PASS
3	4920	43.72	-14.66	74.00	30.28	150	97	Vertical	PASS
4	6783	45.04	-11.86	74.00	28.96	150	112	Vertical	PASS
5	8664	45.38	-10.10	74.00	28.62	150	346	Vertical	PASS
6	12759	47.86	-3.74	74.00	26.14	150	278	Vertical	PASS

Mode:	2470
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NO.	Freq. [MHz]	Level [dB μ V/m]	Factor [dB/m]	Limit [dB μ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	1328	41.95	1.12	74.00	32.05	150	233	Horizontal	PASS
2	2002	45.59	6.14	74.00	28.41	150	60	Horizontal	PASS
3	4941	46.87	-15.08	74.00	27.13	150	102	Horizontal	PASS
4	6024	44.43	-12.53	74.00	29.57	150	212	Horizontal	PASS
5	11796	47.71	-4.89	74.00	26.29	150	64	Horizontal	PASS
6	13170	49.00	-2.79	74.00	25.00	150	4	Horizontal	PASS

NO.	Freq. [MHz]	Level [dB μ V/m]	Factor [dB/m]	Limit [dB μ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	1538	42.51	1.70	74.00	31.49	150	24	Vertical	PASS
2	3885	41.92	-16.80	74.00	32.08	150	198	Vertical	PASS
3	5217	44.84	-14.11	74.00	29.16	150	294	Vertical	PASS
4	6204	44.53	-12.42	74.00	29.47	150	255	Vertical	PASS
5	8394	44.88	-10.26	74.00	29.12	150	347	Vertical	PASS
6	13488	48.58	-2.58	74.00	25.42	150	157	Vertical	PASS

Band-edge (Radiated)

Mode:	2410
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NO.	Freq. [MHz]	Level [dB μ V/m]	Factor [dB/m]	Limit [dB μ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2310	48.51	9.07	74.00	25.49	150	91	Horizontal	PASS
2	2325.04	50.14	9.09	74.00	23.86	150	252	Horizontal	PASS
3	2332.32	50.12	9.29	74.00	23.88	150	199	Horizontal	PASS
4	2346.64	50.70	9.28	74.00	23.30	150	52	Horizontal	PASS
5	2373.04	51.19	9.69	74.00	22.81	150	52	Horizontal	PASS
6	2400	49.89	10.38	74.00	24.11	150	203	Horizontal	PASS

NO.	Freq. [MHz]	Level [dB μ V/m]	Factor [dB/m]	Limit [dB μ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2310	49.20	9.07	74.00	24.80	150	176	Vertical	PASS
2	2325.28	50.20	9.12	74.00	23.80	150	99	Vertical	PASS
3	2335.68	51.48	9.21	74.00	22.52	150	290	Vertical	PASS
4	2352.16	50.61	9.23	74.00	23.39	150	26	Vertical	PASS
5	2366.16	51.48	9.47	74.00	22.52	150	234	Vertical	PASS
6	2400	50.16	10.38	74.00	23.84	150	281	Vertical	PASS

Mode:	2470
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NO.	Freq. [MHz]	Level [dB μ V/m]	Factor [dB/m]	Limit [dB μ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2483.5	50.34	10.62	74.00	23.66	150	256	Horizontal	PASS
2	2484.90	52.13	10.50	74.00	21.87	150	327	Horizontal	PASS
3	2487.41	51.97	10.29	74.00	22.03	150	166	Horizontal	PASS
4	2489.63	52.24	10.26	74.00	21.76	150	45	Horizontal	PASS
5	2491.65	51.67	10.38	74.00	22.33	150	45	Horizontal	PASS
6	2500	50.55	10.10	74.00	23.45	150	259	Horizontal	PASS

NO.	Freq. [MHz]	Level [dB μ V/m]	Factor [dB/m]	Limit [dB μ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2483.5	51.15	10.62	74.00	22.85	150	162	Vertical	PASS
2	2485.99	52.20	10.38	74.00	21.80	150	45	Vertical	PASS
3	2489.52	51.43	10.26	74.00	22.57	150	165	Vertical	PASS
4	2494.67	51.77	10.46	74.00	22.23	150	189	Vertical	PASS
5	2497.62	52.18	10.23	74.00	21.82	150	210	Vertical	PASS
6	2500	50.49	10.10	74.00	23.51	150	75	Vertical	PASS

Level = Read level + Factor

Factor= Antenna Factor + Cable loss – Preamp Factor

Field strength of fundamental

PK Data List								
NO.	Freq. [MHz]	Level [dB μ V/m]	Factor [dB/m]	Limit [dB μ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2410	72.97	6.83	114.00	41.03	150	116	Horizontal
2	2410	64.20	6.83	114.00	49.80	150	282	Vertical
3	2440	73.20	6.96	114.00	40.80	150	123	Horizontal
4	2440	64.38	6.96	114.00	49.62	150	280	Vertical
5	2470	73.29	7.07	114.00	40.71	150	119	Horizontal
6	2470	65.67	7.07	114.00	48.33	150	76	Vertical

-END OF REPORT-