



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

RADIO TEST - REPORT

FCC Compliance Test Report for

Product name: CROSSLANER RC BUMPER

Model name: RC2

FCC ID: UU8-RC2

Test Report Number: EFGX24060346-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	7
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.

The test report may only be reproduced or published in full. Reproducing or publishing extracts of the report requires the prior written approval of the Eurofins Electrical Testing Service (Shenzhen) Co., Ltd. This document is subject to the General Terms and Conditions and the Testing and Certification System of Eurofins Electrical Testing Service (Shenzhen) Co., Ltd., available on request or accessible at www.eurofins.com.

Operator:

2024-08-29

Bruce Zheng / Project Engineer



Date

Eurofins-Lab.

Name / Title

Signature

Technical responsibility for area of testing:

2024-08-29

Albert Xu / Lab Manager



Date

Eurofins-Lab.

Name / Title

Signature

1.2 Testing laboratory

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

1st Floor, Building 2, Chungu, Meisheng Huigu Science and Technology Park, No. 83 Dabao Road, Bao'an District, Shenzhen. P.R.China.

Telephone : +86-755-82911867

Fax : +86-755-82910749

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 : 2024-06-21
Date of receipt of test item : 2024-06-21
Date of test : 2024-06-21 to 2024-08-27
Date of issue : 2024-08-29

1.6 Test item

Product type : CROSSLANER RC BUMPER
Model name : RC2
Brand : ./.
Sample ID : 240621-09-004
Serial number : ./.
Ratings : 3V Battery
Test voltage : DC 3V
FCC ID : UU8- RC2
PMN : CROSSLANER RC BUMPER
Additional information : ./.

RadioTechnical data

Frequency range : 2408MHz – 2478MHz
Radio Tech. : 2.4G SRD
Frequency channel : 22
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

- 1: 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.
- 2: 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

Enviroment Parameter	Temperature	Relative Humidity
101.2Kpa	24.6	62.6%

Radiated

Enviroment 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: 1.05×10 ⁻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	Frequency (MHz)	Channel	Frequency (MHz)
1	2408	12	2446
2	2411	13	2450
3	2417	14	2453
4	2421	15	2456
5	2425	16	2461
6	2428	17	2463
7	2430	18	2465
8	2434	19	2469
9	2437	20	2473
10	2440	21	2475
11	2443	22	2478

The EUT was set at continuously transmitting mode (2408MHz,2443MHz,2478MHz) 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:

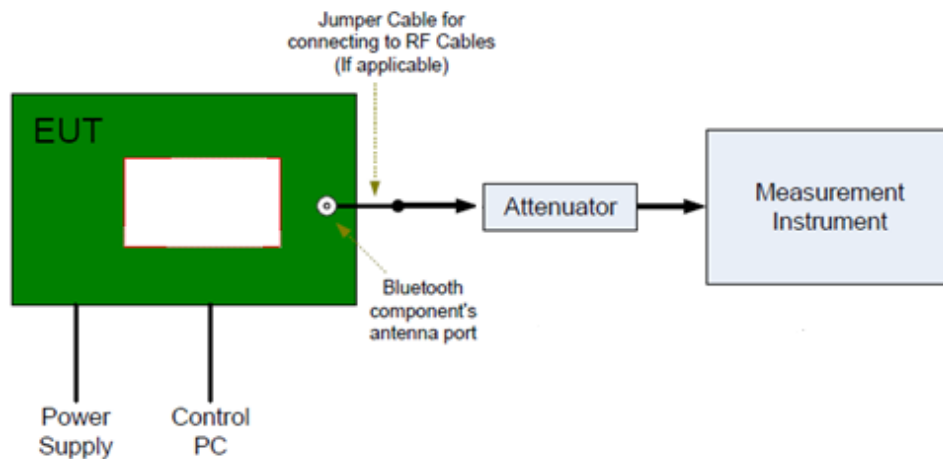
DESCRIPTION	MANUFACTURER	MODEL NO.	S/N
Laptop	LENOVO	TP00096A	PF-1QH0LV

2.7 Test software information:

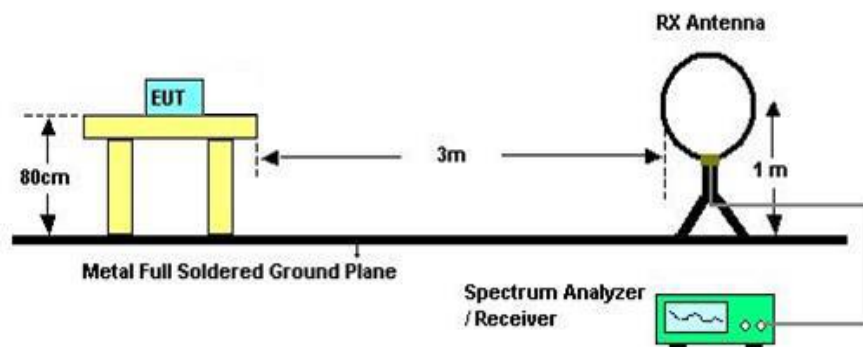
Test Software Version	N.A		
Modulation	Setting TX Power	TX Pattern	Packet Type
GFSK	N.A	TX Packet	N.A

2.8 Test setup

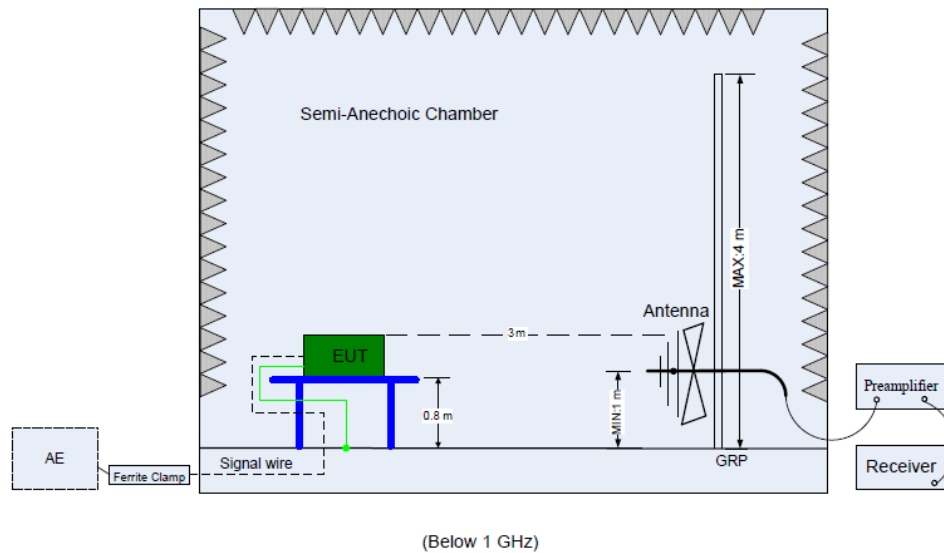
Setup diagram for conducted tests



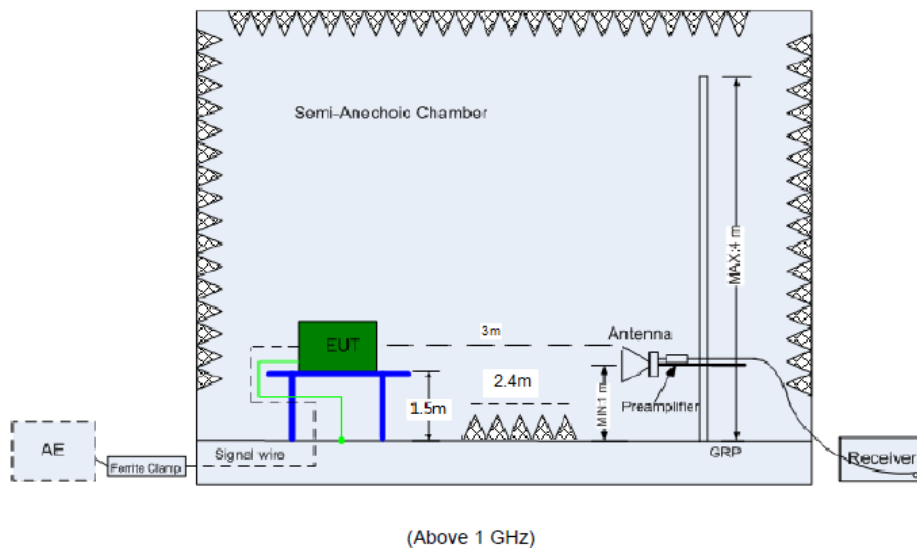
Setup diagram for radiated tests below 30MHz



Setup diagram for radiated tests below 1GHz



Setup diagram for radiated tests above 1GHz



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 “-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).

Limit:

None; for reporting purposes only.

Test Result:

Channel	20db EBW[MHz]	Verdict
2408	1.141	PASS
2443	1.165	PASS
2478	1.166	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

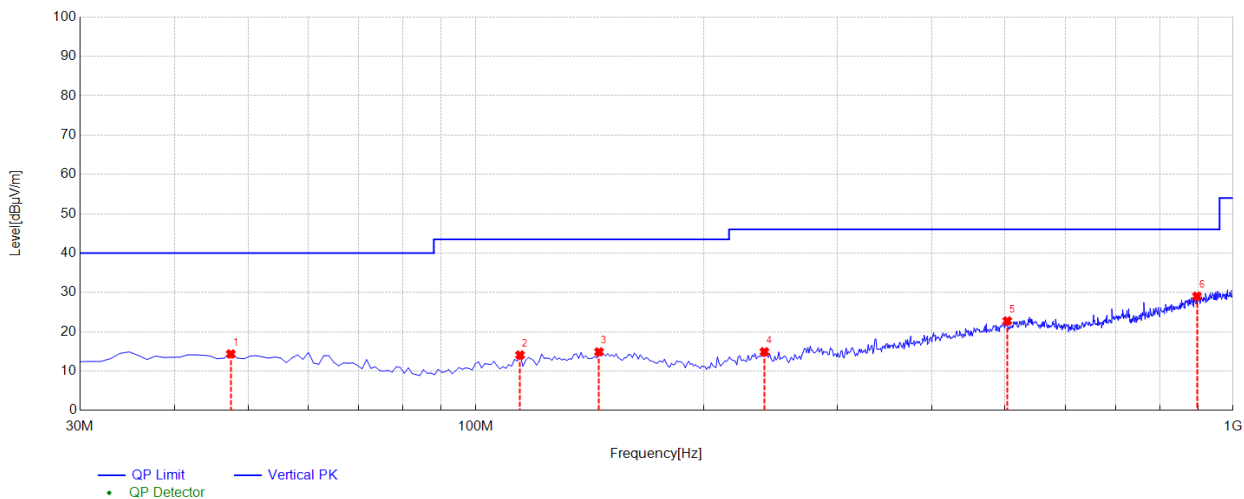
§15.205 Restricted bands of operation

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			

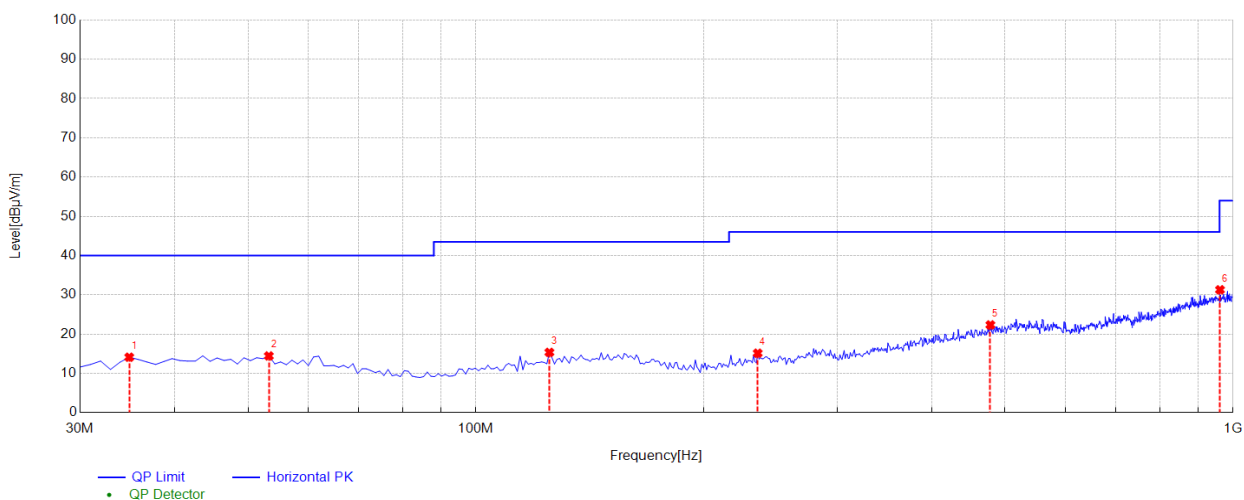
FCC §15.249(a)

Fundamental frequency	Field strength of fundamental (mV/m)	Field strength of fundamental (dBμV/m)	Field strength of harmonics (μV/m)	Field strength of harmonics (dBμV/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	47.4600	14.37	-15.86	40.00	25.63	100	105	Vertical	PASS
2	114.390	14.09	-18.20	43.50	29.41	100	41	Vertical	PASS
3	145.430	14.89	-16.44	43.50	28.61	100	345	Vertical	PASS
4	240.490	14.92	-17.14	46.00	31.08	100	267	Vertical	PASS
5	503.360	22.76	-10.80	46.00	23.24	100	100	Vertical	PASS
6	896.210	29.04	-2.56	46.00	16.96	100	287	Vertical	PASS



NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	34.8500	14.13	-16.63	40.00	25.87	100	104	Horizontal	PASS
2	53.2800	14.45	-16.22	40.00	25.55	100	269	Horizontal	PASS
3	125.060	15.36	-17.40	43.50	28.14	100	15	Horizontal	PASS
4	235.640	15.15	-17.42	46.00	30.85	100	360	Horizontal	PASS
5	478.140	22.35	-11.25	46.00	23.65	100	166	Horizontal	PASS
6	961.200	31.30	-1.40	54.00	22.70	100	51	Horizontal	PASS

Mode:	2408
-------	------

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	42.77	2.21	74.00	31.23	150	312	Horizontal	PASS
2	1866	45.00	5.45	74.00	29.00	150	54	Horizontal	PASS
3	4815	43.62	-14.93	74.00	30.38	150	44	Horizontal	PASS
4	6456	44.83	-12.55	74.00	29.17	150	194	Horizontal	PASS
5	8922	45.07	-9.82	74.00	28.93	150	162	Horizontal	PASS
6	11796	47.72	-4.49	74.00	26.28	150	21	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	1374	42.93	2.04	74.00	31.07	150	117	Vertical	PASS
2	1822	44.93	5.08	74.00	29.07	150	297	Vertical	PASS
3	4224	43.30	-16.54	74.00	30.70	150	134	Vertical	PASS
4	4905	44.18	-14.34	74.00	29.82	150	45	Vertical	PASS
5	7725	44.90	-11.52	74.00	29.10	150	276	Vertical	PASS
6	10146	46.90	-7.03	74.00	27.10	150	292	Vertical	PASS

Mode:	2443
-------	------

NO.	Freq. [MHz]	Level [dB μ V/m]	Factor [dB/m]	Limit [dB μ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	1386	42.81	2.00	74.00	31.19	150	145	Horizontal	PASS
2	1864	45.62	5.45	74.00	28.38	150	324	Horizontal	PASS
3	4887	43.73	-14.51	74.00	30.27	150	36	Horizontal	PASS
4	7404	44.15	-11.34	74.00	29.85	150	330	Horizontal	PASS
5	11406	47.49	-5.47	74.00	26.51	150	166	Horizontal	PASS
6	14337	49.58	-0.79	74.00	24.42	150	312	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	1328	42.92	2.21	74.00	31.08	150	250	Vertical	PASS
2	1716	43.68	3.43	74.00	30.32	150	45	Vertical	PASS
3	4404	42.79	-16.00	74.00	31.21	150	66	Vertical	PASS
4	6423	43.77	-12.24	74.00	30.23	150	302	Vertical	PASS
5	8400	45.37	-10.27	74.00	28.63	150	88	Vertical	PASS
6	11109	49.28	-5.63	74.00	24.72	150	308	Vertical	PASS

Mode:	2478
-------	------

NO.	Freq. [MHz]	Level [dB μ V/m]	Factor [dB/m]	Limit [dB μ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	1304	43.16	2.34	74.00	30.84	150	204	Horizontal	PASS
2	2018	45.82	5.95	74.00	28.18	150	269	Horizontal	PASS
3	4957.43	44.95	-15.24	74.00	29.05	150	181	Horizontal	PASS
4	6225.41	44.37	-12.47	74.00	29.63	150	170	Horizontal	PASS
5	8326.73	45.02	-10.36	74.00	28.98	150	86	Horizontal	PASS
6	12070.7	47.90	-4.25	74.00	26.10	150	264	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	1236	42.65	2.17	74.00	31.35	150	330	Vertical	PASS
2	1910	46.32	5.67	74.00	27.68	150	232	Vertical	PASS
3	4957.43	45.81	-15.24	74.00	28.19	150	69	Vertical	PASS
4	7376.49	44.56	-11.40	74.00	29.44	150	217	Vertical	PASS
5	12112.7	48.14	-3.92	74.00	25.86	150	273	Vertical	PASS
6	17214.6	51.71	1.74	74.00	22.29	150	43	Vertical	PASS

Band-edge (Radiated)

Mode:	2408
-------	------

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	39.51	-21.24	74.00	34.49	150	218	Horizontal	PASS
2	2328.08	40.24	-21.10	74.00	33.76	150	360	Horizontal	PASS
3	2343.6	40.19	-20.99	74.00	33.81	150	101	Horizontal	PASS
4	2357.92	40.35	-20.91	74.00	33.65	150	19	Horizontal	PASS
5	2368.48	40.41	-20.85	74.00	33.59	150	16	Horizontal	PASS
6	2400	39.34	-20.73	74.00	34.66	150	22	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	38.75	-21.24	74.00	35.25	150	1	Vertical	PASS
2	2327.28	39.82	-21.12	74.00	34.18	150	126	Vertical	PASS
3	2342.08	40.86	-21.01	74.00	33.14	150	137	Vertical	PASS
4	2350.64	41.35	-20.95	74.00	32.65	150	349	Vertical	PASS
5	2364.24	40.29	-20.87	74.00	33.71	150	61	Vertical	PASS
6	2400	39.76	-20.73	74.00	34.24	150	220	Vertical	PASS

Mode:	2478
-------	------

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	39.93	-20.33	74.00	34.07	150	44	Horizontal	PASS
2	2485.79	40.65	-20.33	74.00	33.35	150	19	Horizontal	PASS
3	2487.93	41.68	-20.33	74.00	32.32	150	266	Horizontal	PASS
4	2489.93	41.88	-20.33	74.00	32.12	150	108	Horizontal	PASS
5	2493.86	40.92	-20.33	74.00	33.08	150	80	Horizontal	PASS
6	2500	40.15	-20.34	74.00	33.85	150	144	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	40.52	-20.33	74.00	33.48	150	176	Vertical	PASS
2	2486.47	40.95	-20.33	74.00	33.05	150	353	Vertical	PASS
3	2490.36	40.86	-20.33	74.00	33.14	150	87	Vertical	PASS
4	2492.39	42.02	-20.33	74.00	31.98	150	329	Vertical	PASS
5	2496.46	41.59	-20.33	74.00	32.41	150	48	Vertical	PASS
6	2500	39.65	-20.34	74.00	34.35	150	121	Vertical	PASS

Level = Read level + Factor

Factor= Antenna Factor + Cable loss – Preamp Factor

Field strength of fundamental

According to C63.10, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement, so AV emission value did not show in below table if the peak value complies with average limit.

PK Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2408	89.18	8.64	114.00	24.82	150	277	Horizontal
2	2408	82.30	8.65	114.00	31.70	150	43	Vertical
3	2443	87.79	8.90	114.00	26.21	150	3	Horizontal
4	2443	84.14	8.90	114.00	29.86	150	45	Vertical
5	2478	87.37	9.13	114.00	26.63	150	25	Horizontal
6	2478	84.85	9.13	114.00	29.15	150	157	Vertical

-END OF REPORT-