



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

RADIO TEST - REPORT

FCC Compliance Test Report for

Product name: WiFi/bt module

Model name: 6233E-UUB

FCC ID: 2AATL-6233E-UUB

Test Report Number: EFGX24080518-IE-06-E01



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

2024-11-10

Bruce Zheng / Project Engineer



Date

Eurofins-Lab.

Name / Title

Signature

Technical responsibility for area of testing:

2024-11-10

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	:	FN-LINK TECHNOLOGY LIMITED
Address	:	No.8, Litong Road, Liuyang Economic & Technical Development Zone, Changsha, Hunan, China
Telephone	:	./.
Fax	:	./.

1.4 Details of manufacturer

Name	:	FN-LINK TECHNOLOGY LIMITED
Address	:	No.8, Litong Road, Liuyang Economic & Technical Development Zone, Changsha, Hunan, China
Telephone	:	./.
Fax	:	./.

1.5 Application details

Date of receipt of application : 2024-08-30
 Date of receipt of test item : 2024-08-30
 Date of test : 2024-08-30 to 2024-11-10
 Date of issue : 2024-11-10

1.6 Test item

Product type : WiFi/bt module
 Test Model : 6233E-UUB
 Sample ID : 240830-01-004
 Brand : FN-LINK
 Serial number : ./.
 Hardware Version : 1.0
 Software / Firmware Version : 1.0
 Ratings : 3.3V---, Class III
 Test voltage : 3.3Vdc
 PMN : WiFi/bt module
 HVIN : 6233E-UUB

RadioTechnical data

Radio Tech. : WLAN 2.4G
 Modulation : 802.11b(DSSS):CCK,DQPSK,DBPSK
 802.11g(OFDM):BPSK,QPSK,16-QAM,64-QAM
 802.11n(OFDM):BPSK,QPSK,16-QAM,64-QAM
 Antenna type : Please see below list
 Maximum antenna gain : Please see below list
 Additional information :

This report is prepared for FCC class II permissive change.

This report is issued as a supplementary report to original report no. 2304FR14 (FCC ID: 2AATL-6233E-UUB, Model: 6233E-UUB). The modification is only concerned with following item:

1. Add 450L antenna

In this report, radiated emission tests of WiFi/bt module had been re-tested and only its data was recorded in the following sections.

Antenna list:

MODEL	ANTENNA TYPE	MAX GAIN
4802062	PCB antenna	3.44dBi for 2.4GHz
AFB4714A	FPC antenna	2.76dBi for 2.4GHz
RFPCA381425IMLB301	PCB antenna	2.21dBi for 2.4GHz
EMN2449A2S-25UFL	PCB antenna	3.50dBi for 2.4GHz
450L	FPC antenna	1.70dBi for 2.4GHz

The above sample(s) and sample information was/were submitted and identified on behalf of the applicant.

Eurofins assures objectivity and impartiality of the test, and fulfills the obligation of confidentiality for applicant's commercial information and technical documents.

1.7 Test standards

Test Standards	
FCC Part 15 Subpart C	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.
- 3: KDB558074 D01 15.247 Meas Guidance v05r02

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

Ac line conducted

Environment Parameter	Temperature °C	Relative Humidity
101.4 kPa	23.7	51.9%

RF Conducted

Environment Parameter	Temperature °C	Relative Humidity
101.4 kPa	24.6	62.9%

Radiated

Environment Parameter	Temperature °C	Relative Humidity
101.4 kPa	24.7	53.7%

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 Emission 9KHz-30MHz	4.56dB
Uncertainty for Radiated Spurious Emission 30MHz-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

Operation Frequency each of channel(802.11b/g/n HT 20)							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
1	2412MHz	4	2427MHz	7	2442MHz	10	2457MHz
2	2417MHz	5	2432MHz	8	2447MHz	11	2462MHz
3	2422MHz	6	2437MHz	9	2452MHz		

For 802.11b/g n(HT20) (2.4GHz band), the lowest, middle, highest channel numbers of the EUT used and tested in this report are separately 1 (2412MHz), 6 (2437MHz) and 11 (2462MHz).

Operation Frequency each of channel(802.11n HT 40)							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
--	--	4	2427MHz	7	2442MHz	--	--
--	--	5	2432MHz	8	2447MHz	--	--
3	2422MHz	6	2437MHz	9	2452MHz	--	--

For 802.11n (HT40), the lowest, middle, highest channel numbers of the EUT used and tested in this report are separately 3(2422MHz), 6 (2437MHz) and 9 (2452MHz).

2.5 Test equipment utilized

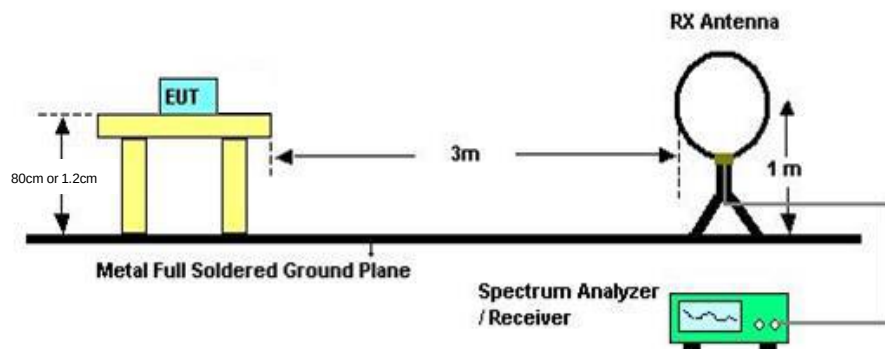
EQUIPMENT ID	EQUIPMENT NAME	MODEL NO.	CAL. DUE DATE
23-2-13-05	EMI Test Receiver	ESR3	2025-03-25
23-2-13-06	LISN	NNLK 8127 RC	2025-03-25
23-2-10-16	Attenuator	VTSD 9561-F	2025-03-25
23-2-10-63	Temperature & Humidity Meter	COS-03	2025-03-25
23-2-10-65	Barometer	Baro	2025-03-25
23-2-13-12	Signal Analyzer	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
23-2-10-50	Temperature & Humidity Meter	COS-03	2025-03-25
23-2-10-66	Barometer	Baro	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	2025-06-02
23-2-12-02	TRILOG Broadband Antenna	VULB9168	2025-06-02
23-2-12-03	Horn Antenna	3117	2025-06-02
23-2-12-04	Horn Antenna	BBHA 9170	2025-06-02
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
23-2-10-62	Temperature & Humidity Meter	COS-03	2025-03-25
23-2-10-64	Barometer	Baro	2025-03-25
23-2-10-14	Switch and Control Unit	ERIT-E-JS0806-SF1	N/A
23-2-13-03	EMI Test Receiver	ESR7	2025-03-25
23-2-13-04	Signal Analyzer	N9020B-526	2025-03-25
23-2-10-61	Temperature & Humidity Meter	COS-03	2025-03-25
23-2-10-52	Barometer	Baro	2025-03-25
23-2-10-15	Switch and Control Unit	ERIT-E-JS0806-SF1	N/A

2.6 Auxiliary equipment used during test

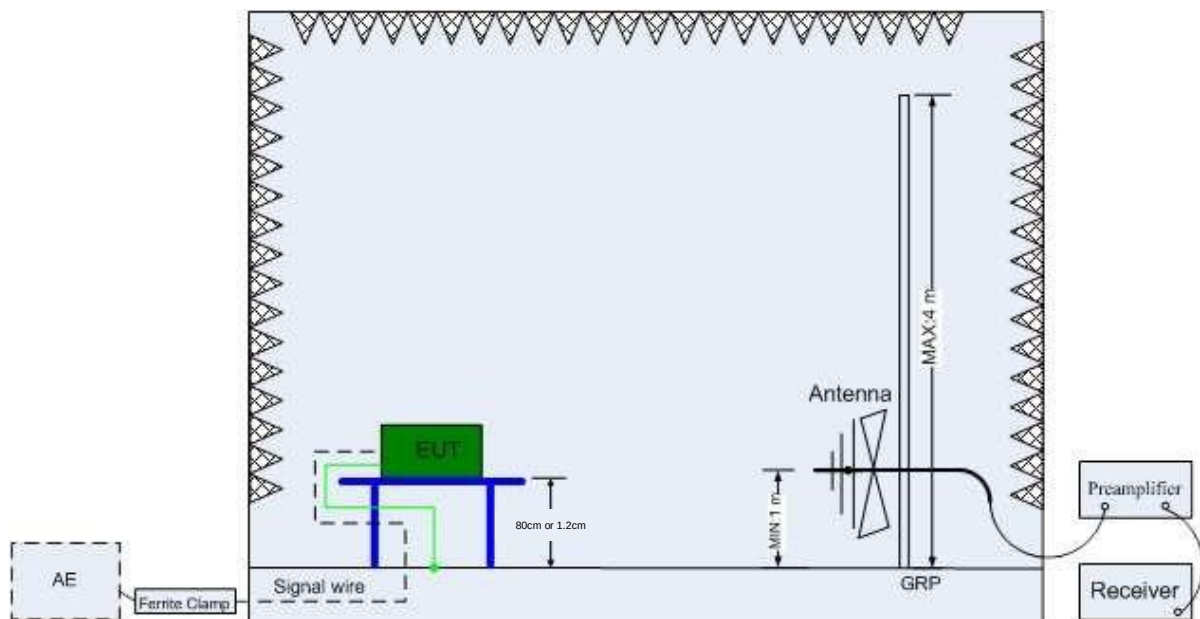
DESCRIPTION	MANUFACTURER	MODEL NO.	S/N
Laptop	LENOVO	TP00096A	PF-1QH0LV

2.7 Test setup

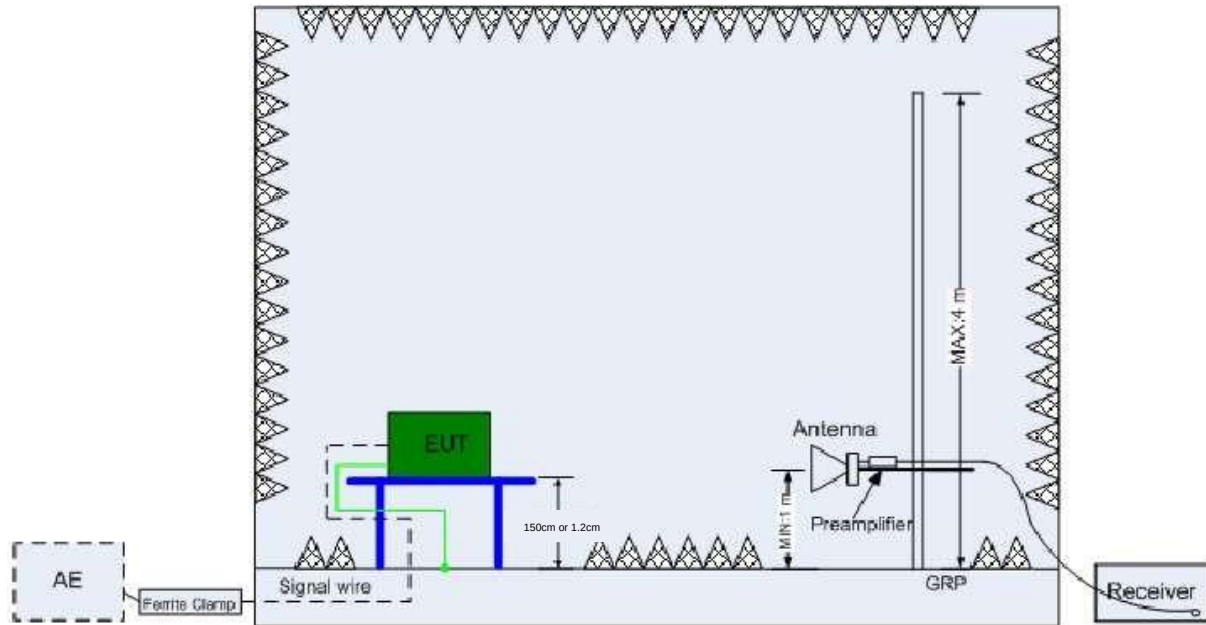
Radiated tests below 30MHz



Radiated tests below 1GHz



Radiated tests above 1GHz



2.8 Test results

☒ 1st test

☐ test after modification

☐ production test

Technical Requirements					
FCC Part 15 Subpart C/RSS-247 Issue 3/RSS-Gen Issue 5					
Test Condition			Test Result	Verdict	Test Site
§15.209 & §15.205	RSS-GEN 8.9 RSS-GEN 8.10	Spurious emissions , Band edge & Restricted Band	See page 17	Pass	Site 1

3 Technical Requirement

3.1 Spurious emissions & Restricted Band

Test Method:

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

Radiated emission measurements setup:

- 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.

Antenna-port conducted measurements:

Antenna-port conducted measurements may also be used as an alternative to radiated measurements for determining compliance in the restricted frequency bands requirements. If conducted measurements are performed, then proper impedance matching must be ensured and an additional radiated test for cabinet/case emissions is required.

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, 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 band-width is 3MHz for peak detection (PK) at frequency above 1GHz.
- 3: If the EUT can be configured or modified to transmit continuously ($D \geq 98\%$), The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is 3MHz for RMS Average detection (AV) at frequency above 1GHz.
- 4: If continuous transmission of the EUT ($D \geq 98\%$) cannot be achieved and the duty cycle is constant (duty cycle variations are less than $\pm 2\%$), The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is 3MHz for RMS Average detection (AV) at frequency above 1GHz, then the measurement results was added to a correction factor ($10\log(1/\text{duty cycle})$).

5: If continuous transmission of the EUT ($D \geq 98\%$) cannot be achieved and the duty cycle is not constant (duty cycle variations exceed $\pm 2\%$), The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is $VBW \geq 1 / T$, the T is transmission duration (T).

Limit:

FCC §15.209

RSS-GEN, Section 8.9

Frequency Range	Field Strength Limit	Field Strength Limit
(MHz)	(uV/m) at 3 m	(dBuV/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

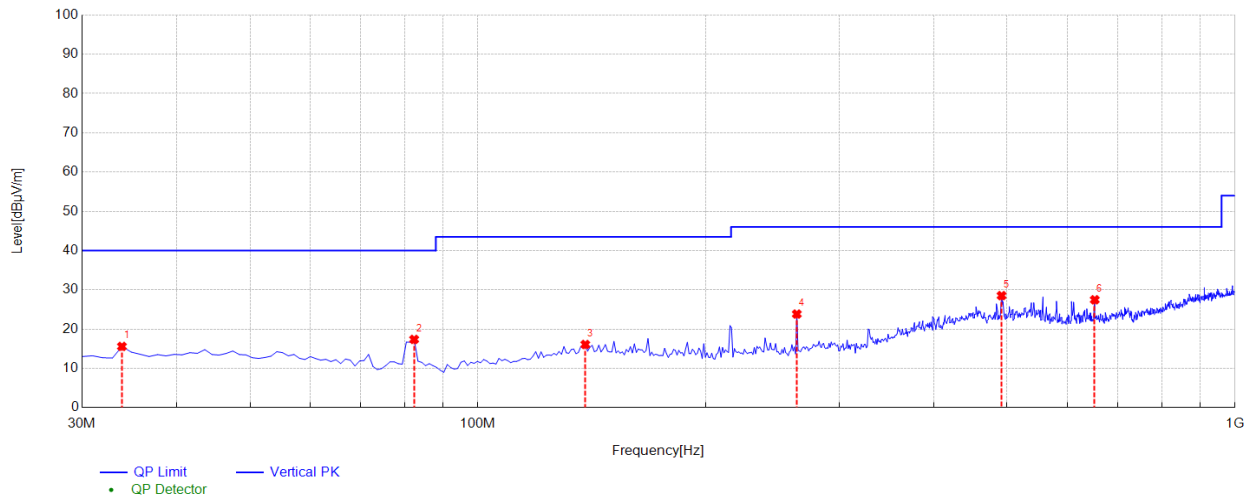
§15.205 Restricted bands of operation

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			

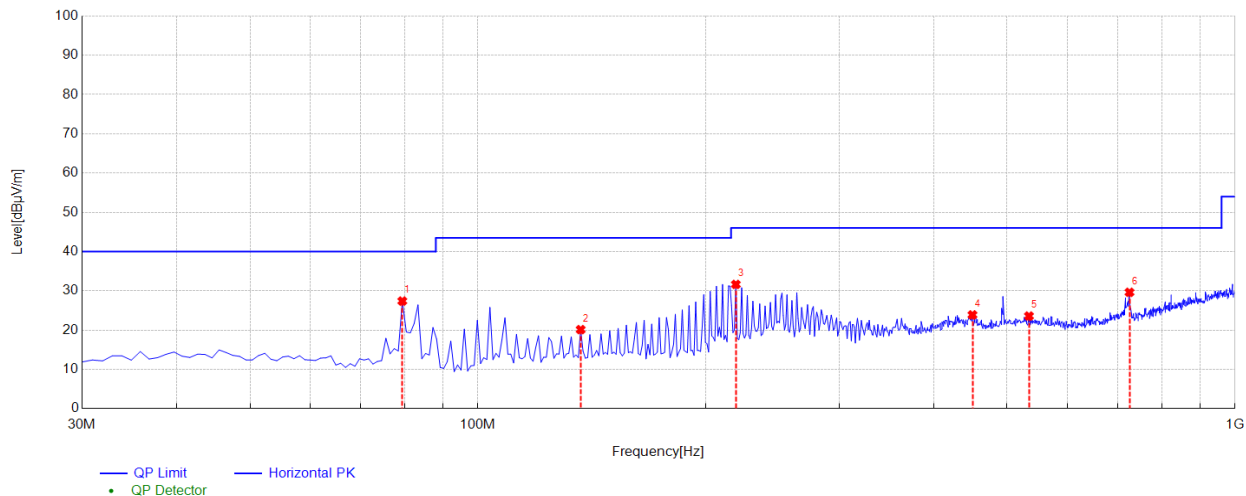
RSS-GEN 8.10

MHz	MHz	MHz	GHz
0.090 - 0.110	16.42 - 16.423	1660 - 1710	9.0 - 9.2
0.495 - 0.505	16.69475 - 16.69525	1718.8 - 1722.2	9.3 - 9.5
2.1735 - 2.1905	25.5 - 25.67	2200 - 2300	10.6 - 12.7
3.020 - 3.026	37.5 - 38.25	2310 - 2390	13.25 - 13.4
4.125 - 4.128	73 - 74.6	2483.5 - 2500	14.47 - 14.5
4.17725 - 4.17775	74.8 - 75.2	2655 - 2900	15.35 - 16.2
4.20725 - 4.20775	108 - 138	3260 - 3267	17.7 - 21.4
5.677 - 5.683	149.9 - 150.05	3332 - 3339	22.01 - 23.12
6.215 - 6.218	156.52475 - 156.52525	3345.8 - 3358	23.6 - 24.0
6.26775 - 6.26825	156.7 - 156.9	3500 - 4400	31.2 - 31.8
6.31175 - 6.31225	162.0125 - 167.17	4500 - 5150	36.43 - 36.5
8.291 - 8.294	167.72 - 173.2	5350 - 5460	Above 38.6
8.362 - 8.366	240 - 285	7250 - 7750	
8.37625 - 8.38675	322 - 335.4	8025 - 8500	
8.41425 - 8.41475	399.9 - 410		
12.29 - 12.293	608 - 614		
12.51975 - 12.52025	960 - 1427		
12.57675 - 12.57725	1435 - 1626.5		
13.36 - 13.41	1645.5 - 1646.5		

Results



NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	33.8800	15.60	-16.81	40.00	24.40	100	241	Vertical	PASS
2	82.3800	17.39	-20.34	40.00	22.61	100	104	Vertical	PASS
3	138.640	16.10	-16.55	43.50	27.40	100	316	Vertical	PASS
4	263.770	23.85	-17.09	46.00	22.15	100	115	Vertical	PASS
5	491.720	28.54	-11.10	46.00	17.46	100	243	Vertical	PASS
6	652.740	27.48	-7.87	46.00	18.52	100	335	Vertical	PASS



NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	79.4700	27.41	-20.20	40.00	12.59	100	170	Horizontal	PASS
2	136.700	20.14	-16.70	43.50	23.36	100	97	Horizontal	PASS
3	219.150	31.65	-18.35	46.00	14.35	100	97	Horizontal	PASS
4	450.010	23.89	-11.70	46.00	22.11	100	253	Horizontal	PASS
5	534.400	23.59	-10.11	46.00	22.41	100	92	Horizontal	PASS
6	725.490	29.64	-6.60	46.00	16.36	100	256	Horizontal	PASS

Mode:	11B-2412
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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
1	1294	43.15	2.35	74.00	30.85	150	234	Horizontal
2	1774	44.05	4.34	74.00	29.95	150	263	Horizontal
3	4011	42.82	-16.55	74.00	31.18	150	206	Horizontal
4	5463	43.40	-13.87	74.00	30.60	150	290	Horizontal
5	7680	44.72	-11.37	74.00	29.28	150	295	Horizontal
6	9285	45.44	-9.17	74.00	28.56	150	185	Horizontal

NO.	Freq. [MHz]	Level [dB μ V/m]	Factor [dB/m]	Limit [dB μ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1784	44.43	4.54	74.00	29.57	150	250	Vertical
2	1996	48.04	5.90	74.00	25.96	150	132	Vertical
3	3990	44.76	-16.64	74.00	29.24	150	117	Vertical
4	6354	44.54	-12.21	74.00	29.46	150	213	Vertical
5	7404	44.56	-11.34	74.00	29.44	150	293	Vertical
6	9561	45.69	-8.51	74.00	28.31	150	169	Vertical

Mode:	11B-2437
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NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1364	42.73	2.06	74.00	31.27	150	177	Horizontal
2	1958	45.75	5.67	74.00	28.25	150	341	Horizontal
3	3603	42.39	-17.76	74.00	31.61	150	206	Horizontal
4	5127	43.66	-14.62	74.00	30.34	150	284	Horizontal
5	6090	44.50	-12.70	74.00	29.50	150	15	Horizontal
6	10251	47.82	-7.36	74.00	26.18	150	349	Horizontal

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1164	43.53	1.90	74.00	30.47	150	166	Vertical
2	2194	49.17	6.48	74.00	24.83	150	154	Vertical
3	4560	42.62	-15.65	74.00	31.38	150	74	Vertical
4	4920	44.42	-14.66	74.00	29.58	150	322	Vertical
5	8121	44.69	-11.13	74.00	29.31	150	86	Vertical
6	12105	48.08	-3.76	74.00	25.92	150	197	Vertical

Mode:	11B-2452
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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
1	1462	42.53	1.87	74.00	31.47	150	212	Horizontal
2	1888	45.17	5.61	74.00	28.83	150	329	Horizontal
3	4899	43.20	-14.25	74.00	30.80	150	170	Horizontal
4	6432	45.37	-12.34	74.00	28.63	150	352	Horizontal
5	8721	44.95	-10.55	74.00	29.05	150	306	Horizontal
6	10623	46.94	-6.74	74.00	27.06	150	0	Horizontal

NO.	Freq. [MHz]	Level [dB μ V/m]	Factor [dB/m]	Limit [dB μ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1626	42.42	2.51	74.00	31.58	150	247	Vertical
2	1990	48.75	5.87	74.00	25.25	150	123	Vertical
3	4206	43.40	-16.44	74.00	30.60	150	285	Vertical
4	4902	43.59	-14.27	74.00	30.41	150	226	Vertical
5	6276	45.80	-12.50	74.00	28.20	150	267	Vertical
6	8154	45.00	-11.20	74.00	29.00	150	264	Vertical

Restricted bands

Mode:	11N40-2422
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NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2310	46.32	6.68	74.00	27.68	150	17	Horizontal
2	2330.8	48.32	6.84	74.00	25.68	150	291	Horizontal
3	2341.28	48.86	6.86	74.00	25.14	150	242	Horizontal
4	2368.64	48.84	7.16	74.00	25.16	150	242	Horizontal
5	2380.08	49.45	7.62	74.00	24.55	150	118	Horizontal
6	2390	48.03	8.15	74.00	25.97	150	242	Horizontal

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2310	46.30	6.68	74.00	27.70	150	262	Vertical
2	2325.76	48.28	6.79	74.00	25.72	150	10	Vertical
3	2335.6	48.11	6.84	74.00	25.89	150	312	Vertical
4	2347.2	48.16	6.90	74.00	25.84	150	51	Vertical
5	2360.72	48.61	7.01	74.00	25.39	150	341	Vertical
6	2390	47.82	8.15	74.00	26.18	150	326	Vertical

Mode:	11N40-2452
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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
1	2483.5	48.87	8.67	74.00	25.13	150	193	Horizontal
2	2486.38	49.54	8.42	74.00	24.46	150	135	Horizontal
3	2488.92	49.92	8.32	74.00	24.08	150	54	Horizontal
4	2491.56	49.45	8.46	74.00	24.55	150	142	Horizontal
5	2495.97	49.69	8.46	74.00	24.31	150	272	Horizontal
6	2500	47.59	8.20	74.00	26.41	150	54	Horizontal

NO.	Freq. [MHz]	Level [dB μ V/m]	Factor [dB/m]	Limit [dB μ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2483.5	49.50	8.67	74.00	24.50	150	138	Vertical
2	2487.97	49.68	8.27	74.00	24.32	150	154	Vertical
3	2491.05	49.83	8.42	74.00	24.17	150	0	Vertical
4	2492.39	49.58	8.49	74.00	24.42	150	233	Vertical
5	2494.98	49.65	8.53	74.00	24.35	150	264	Vertical
6	2500	48.48	8.20	74.00	25.52	150	202	Vertical

-End of report-