

TEST REPORT

Applicant: Ruijie Networks Co., Ltd.
Address: Building 19, Juyuanzhou Industrial Park, No. 618
Jinshan Road, Cangshan District, Fuzhou, Fujian,
China
Equipment Type: 1200M Dual Band Wi-Fi Range Extender
Model Name: RG-REX12
Brand Name: REYEE
FCC ID: 2AX5J-REX12
Test Standard: 47 CFR Part 15 Subpart B
ICES-003 (Issue 7, October 15, 2020)
Test Date: Jul. 20, 2022 – Jul. 21, 2022
Date of Issue: Aug. 16, 2022

ISSUED BY:

Shenzhen BALUN Technology Co., Ltd.

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Liao Jianming

Revision History

Version	Issue Date	Revisions Content
<u>Rev. 01</u>	<u>Aug. 16, 2022</u>	<u>Initial Issue</u>

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1 GENERAL INFORMATION

1.1 Identification of the Testing Laboratory

Company Name	Shenzhen BALUN Technology Co., Ltd.
Address	Block B, 1/F, Baisha Science and Technology Park, Shahe West Road, Nanshan District, ShenZhen, GuangDong Province, China
Phone Number	+86 755 6685 0100

1.2 Identification of the Responsible Testing Location

Test Location	Shenzhen BALUN Technology Co., Ltd.
Address	Block B, 1/F, Baisha Science and Technology Park, Shahe West Road, Nanshan District, ShenZhen, GuangDong Province, China
Accreditation Certificate	The laboratory is a testing organization accredited by FCC as a accredited testing laboratory. The designation number is CN1196. The laboratory has been listed by Industry Canada to perform electromagnetic emission measurements. The recognition numbers of test site are 11524A-1.
Description	All measurement facilities used to collect the measurement data are located at Block B, 1/F, Baisha Science and Technology Park, Shahe West Road, Nanshan District, ShenZhen, GuangDong Province, China.

2 PRODUCT INFORMATION

2.1 Applicant Information

Applicant	Ruijie Networks Co., Ltd.
Address	Building 19, Juyuanzhou Industrial Park, No. 618 Jinshan Road, Cangshan District, Fuzhou, Fujian, China

2.2 Manufacturer Information

Manufacturer	Ruijie Networks Co., Ltd.
Address	Building 19, Juyuanzhou Industrial Park, No. 618 Jinshan Road, Cangshan District, Fuzhou, Fujian, China

2.3 Factory Information

Factory	N/A
Address	N/A

2.4 General Description for Equipment under Test (EUT)

EUT Name	1200M Dual Band Wi-Fi Range Extender
Model Name Under Test	RG-REX12
Series Model Name	N/A
Description of Model name differentiation	N/A
Serial Number	G1RQ5QT000742
Hardware Version	N/A
Software Version	N/A
Dimensions (Approx.)	N/A
Weight (Approx.)	N/A

2.5 Ancillary Equipment

Note: Not applicable.

2.6 Technical Information

Network and Wireless connectivity	2.4G WIFI 802.11b, 802.11g, 802.11n(HT20/40) 5G WIFI 802.11a, 802.11n(HT20/40), 802.11ac(VHT20/40/80) U-NII-1/2A/2C/3
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The requirement for the following technical information of the EUT was tested in this report:

The Highest Speed of Processor	N/A
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3 SUMMARY OF TEST RESULTS

3.1 Test Standards

No.	Identity	Document Title
1	47 CFR Part 15 Subpart B	Unintentional Radiators
2	ICES-003 (Issue 7, October 15, 2020)	Information Technology Equipment (Including Digital Apparatus)
3	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

3.2 Verdict

No.	Description	FCC Rule	ISED Rule	Test Verdict	Result
1	Radiated Emission	15.109	ICES-003, 3.2.2	Pass	Annex A .1
2	Conducted Emission, AC Ports	15.107	ICES-003, 3.2.1	Pass	Annex A .2

3.3 Test Uncertainty

The following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

Measurement	Value
Conducted emissions (9 kHz-30 MHz)	3.22 dB
Radiated emissions (30 MHz-1 GHz)-10m	4.80 dB
Radiated emissions (30 MHz-1 GHz)-3m	4.76 dB
Radiated emissions (1 GHz-18 GHz)-3m	4.88 dB

4 GENERAL TEST CONFIGURATIONS

4.1 Test Environments, Test Date and Test Engineer

Test items	Voltage	Temperature	Relative Humidity	Ambient Pressure	Test Date	Test Engineer
Radiated Emission	AC 230 V/50 Hz AC 110 V/60 Hz	23.2℃	47%	/	Jul. 21, 2022	Xiao Tangqi
Conducted Emission	AC 230 V/50 Hz AC 110 V/60 Hz	25.3℃	53%	/	Jul. 20, 2022	Ye Guanqi

4.2 Test Equipment List

Radiated Emission Test For Frequency Below 1 GHz (3m)						
Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due	Use
EMI Receiver	KEYSIGHT	N9038A	MY55330120	2021.10.20	2022.10.19	☒
Amplifier (30-1GHz)	COM-MV	ZT30-1000M	B2017119081	2021.10.20	2022.10.19	☒
Test Antenna-Bi-Log	SCHWARZBECK	VULB 9168	9168-0867	2022.04.12	2025.04.11	☒
Anechoic Chamber	YIHENG	9m*6m*6m	N/A	2021.08.19	2024.08.18	☒
Description	Manufacturer	Name		Version		Use
Test Software	BALUN	BL410-E		V19.918		☒

Radiated Emission Test For Frequency Above 1 GHz (3m)						
Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due	Use
EMI Receiver	Agilent	N9038A	MY55330120	2021.10.20	2022.10.19	☒
EMI Receiver	ROHDE & SCHWARZ	FSV40	101544	2022.01.04	2023.01.03	☒
Amplifier (1-12GHz)	Advanced Microwave	WLA652A	1740103	2021.10.20	2022.10.19	☒
Amplifier (0.8-21GHz)	Mini-Circuits	ZVA-213-S+	225321316	2021.10.20	2022.10.19	☒
Amplifier (18-40GHz)	COM-MV	KA_LNA18-40G-01	18050001	2021.10.20	2022.10.19	☒
Test Antenna-Horn	SCHWARZBECK	BBHA 9120D	1917	2022.06.09	2025.06.08	☒
Test Antenna-Horn	A-INFOMW	LB-180400KF	J211060273	2021.07.02	2024.07.01	☒
Anechoic Chamber	YIHENG	9m*6m*6m	N/A	2021.08.19	2024.08.18	☒
Description	Manufacturer	Name		Version		Use

Radiated Emission Test For Frequency Above 1 GHz (3m)						
Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due	Use
Test Software	BALUN	BL410-E		V19.918		☒

Conducted disturbance Test						
Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due	Use
EMI Receiver	KEYSIGHT	N9010B	MY57110309	2021.10.10	2022.10.09	☒
LISN	SCHWARZBECK	NSLK 8127	8127-687	2022.06.01	2023.05.31	☒
Shielded Enclosure	YiHeng Electronic Co., Ltd	3.5m*3.1m*2.8m	N/A	2022.02.19	2025.02.18	☒
Description	Manufacturer	Name		Version		Use
Test Software	BALUN	BL410-E		V19.918		☒

4.3 Test Enclosure list

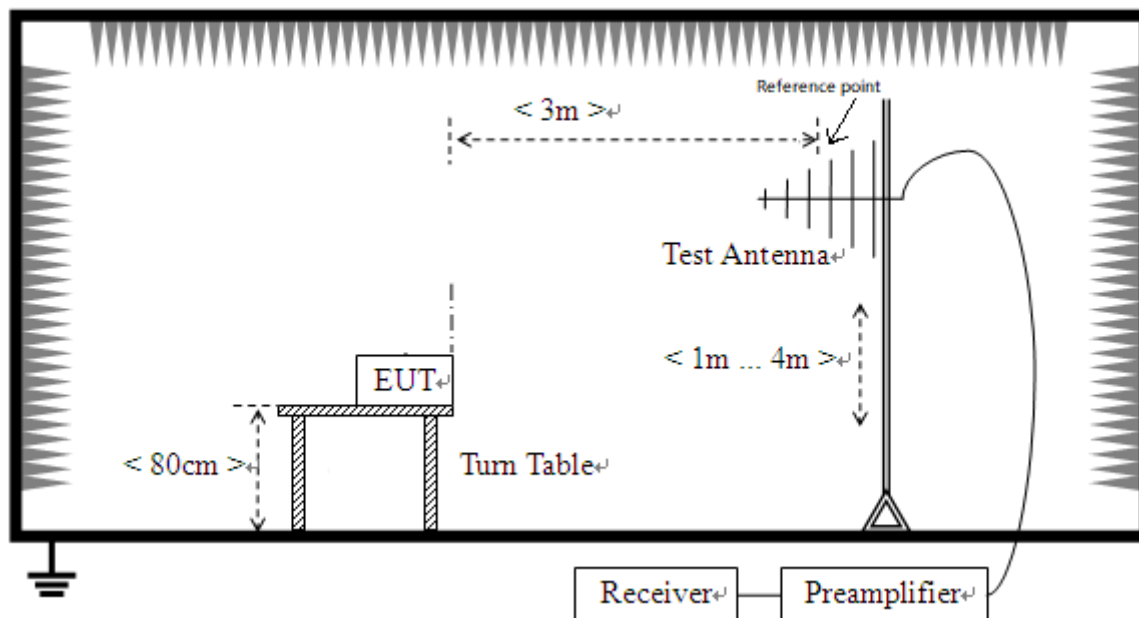
Description	Manufacturer	Model	Serial No.	Length	Description	Use
Laptop	Lenovo	N/A	N/A	N/A	N/A	☒
WIFI Router	N/A	N/A	N/A	N/A	N/A	☒
RJ45 Cable	N/A	N/A	N/A	N/A	N/A	☒

4.4 Test Configurations

Test Configurations (TC) No.	Description
TC01	<u>The Working Test Mode 1</u> EUT + WIFI Router + RJ45 Cable + Laptop

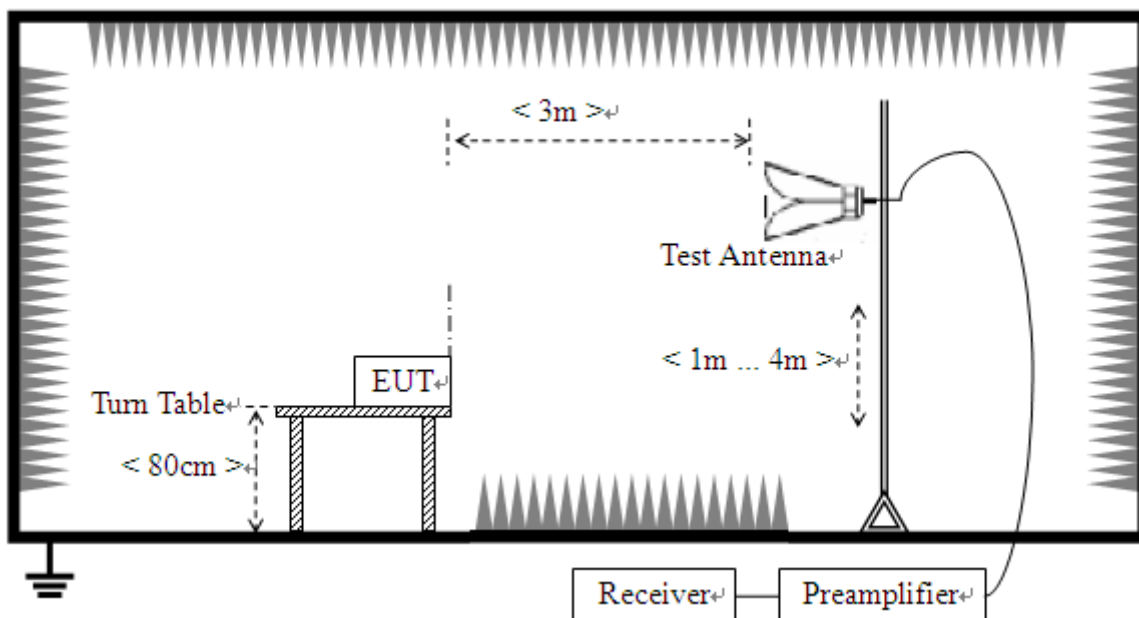
4.5 Test Setups

Test Setup 1

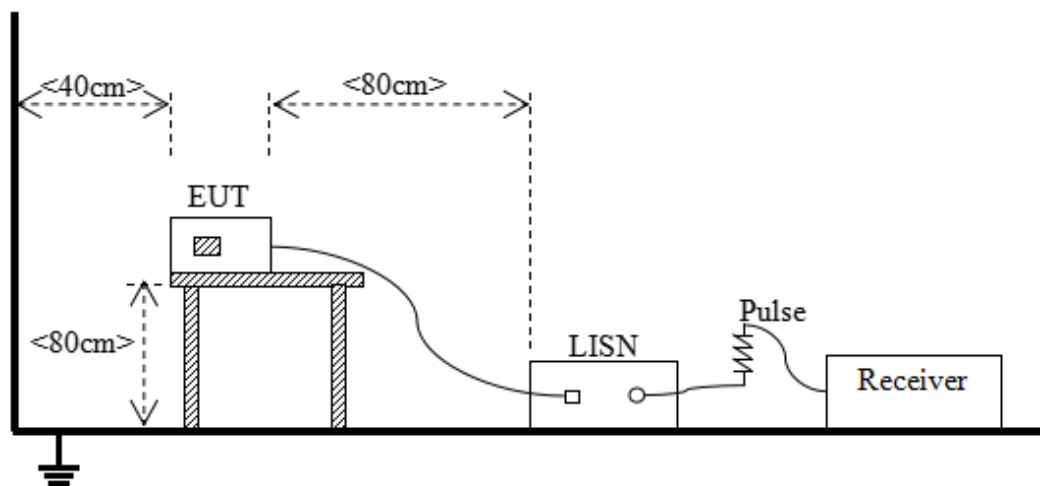


(For Radiated Emission Test (30 MHz-1 GHz))

Test Setup 2



(For Radiated Emission Test (above 1 GHz))

Test Setup 3

(For Conducted Emission, AC Ports Test)

4.6 Test Conditions

Test Case	Test Conditions	
Radiated Emission	Test Setup	Test Setup 1&2
	Test Configuration	TC01 ^{Note}
Conducted Emission, AC Ports	Test Setup	Test Setup 3
	Test Configuration	TC01 ^{Note}
Note: Based on client request, all normal using modes of the normal function were tested but only the worst test data of the worst mode is reported by this report. The Working Test Mode Test Mode is the worst mode in this report.		

5 TEST ITEMS

5.1 Emission Tests

5.1.1 Radiated Emission

5.1.1.1 Limit

FCC:

Frequency range (MHz)	Class B (at 3 m)		Class B (at 10 m)	Class A (at 10 m)	
	Field Strength ($\mu\text{V/m}$)	Field Strength (dB $\mu\text{V/m}$)	Field Strength (dB $\mu\text{V/m}$)	Field Strength ($\mu\text{V/m}$)	Field Strength (dB $\mu\text{V/m}$)
30 - 88	100	40	30	90	39
88 - 216	150	43.5	33.5	150	43.5
216 - 960	200	46	36	210	46.4
Above 960	500	54	44	300	49.5

NOTE:

- 1) Field Strength (dB $\mu\text{V/m}$) = $20 \times \log [\text{Field Strength } (\mu\text{V/m})]$.
- 2) In the emission tables above, the tighter limit applies at the band edges.
- 3) The limits using ANSI C63.4.

IC:

Frequency range (MHz)	Class A (3 m) Quasi-peak (dB $\mu\text{V/m}$)	Class A (10 m) Quasi-peak (dB $\mu\text{V/m}$)	Class B (3 m) Quasi-peak (dB $\mu\text{V/m}$)	Class B (10m) Quasi-peak (dB $\mu\text{V/m}$)
30 - 88	50.0	40.0	40	30.0
88 - 216	54.0	43.5	43.5	33.1
216 - 230	56.9	46.4	46.0	35.6
230 - 960	57.0	47.0	47.0	37.0
960 - 1000	60.0	49.5	54.0	43.5

Note: The more stringent limit applies at transition frequencies.

Frequency range (GHz)	Class A (3 m) Average (dB $\mu\text{V/m}$)	Class A (3 m) Peak (dB $\mu\text{V/m}$)	Class B (3 m) Average (dB $\mu\text{V/m}$)	Class B (3 m) Peak (dB $\mu\text{V/m}$)
1 - F_M	60	80	54	74

Note:

1. The highest measurement frequency, F_M , in GHz, shall be determined as next Table.
2. The measurement bandwidth shall be 1 MHz or greater.
3. These limit levels apply for a measurement distance of 3 m. If using a different measurement distance, the measured levels shall be extrapolated to the 3 m limit distance using a factor of 20 dB per decade of distance. The measurement distance shall place the measurement

Frequency range (GHz)	Class A (3 m) Average (dB μ V/m)	Class A (3 m) Peak (dB μ V/m)	Class B (3 m) Average (dB μ V/m)	Class B (3 m) Peak (dB μ V/m)
antenna in the far field of the ITE or digital apparatus under test. 4. The test site shall have been validated at the distance used for radiated emission measurements on the ITE or digital apparatus under test				

Highest internal frequency (F_X)	Highest measurement frequency (F_M)
$F_X \leq 108 \text{ MHz}$	1GHz
$108 \text{ MHz} \leq F_X \leq 500 \text{ MHz}$	2GHz
$500 \text{ MHz} \leq F_X \leq 1 \text{ GHz}$	5GHz
$F_X \geq 1 \text{ GHz}$	$5 * F_X$ up to a maximum of 40 GHz
Note: F_X is the highest fundamental frequency generated and/or used in the ITE or digital apparatus under test.	

5.1.1.2 Test Setup

Refer to 4.5 section (test setup 1 to test setup 2) for radiated emission test, the photo of test setup please refer to ANNEX B.

5.1.1.3 Test Procedure

The test employing the methods of measurement described in the publication referenced in Section 3(b) (ANSI C63.4);

All Spurious Emission tests were performed in X, Y, Z axis direction. And only the worst axis test condition was recorded in this test report.

An initial pre-scan was performed in the chamber using the EMI Receiver in peak detection mode. Quasi-peak measurements were conducted based on the peak sweep graph. The EUT was measured by Bi-Log antenna with 2 orthogonal polarities.

The measurement frequency range is from 30 MHz to the 5th harmonic of the maximum frequency of the EUT internal source. The Turn Table is actuated to turn from 0° to 360°, and both horizontal and vertical polarizations of the Test Antenna are used to find the maximum radiated power. Mid channels on all channel bandwidth verified. Only the worst RB size/offset presented.

Use the following spectrum analyzer settings:

Span = wide enough to fully capture the emission being measured

RBW = 1 MHz for $f \geq 1 \text{ GHz}$, 100 kHz for $f < 1 \text{ GHz}$

VBW $\geq$ RBW

Sweep = auto

Detector function = peak for $f < 1$ GHz, peak & RMS Average for $f \geq 1$ GHz

Trace = max hold

5.1.1.4 Test Result

Please refer to ANNEX A.1.

NOTE:

1. Results (dB μ V/m) = Reading (dB μ V/m) + Factor (dB/m)

The reading level is calculated by software which is not shown in the sheet

2. Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB) – Amplifier Gain (dB)

3. Over limit = Results – Limit.

5.1.2 Conducted Emission

5.1.2.1 Test Limit

Frequency range (MHz)	Class A	
	Quasi-peak (dB μ V)	Average (dB μ V)
0.15 - 0.50	79	66
0.50 - 30	73	60

Frequency range (MHz)	Class B	
	Quasi-peak (dB μ V)	Average (dB μ V)
0.15 - 0.50	66 to 56	56 to 46
0.50 - 5	56	46
5 - 30	60	50

NOTE:

- 1) The lower limit shall apply at the band edges.
- 2) The limit decreases linearly with the logarithm of the frequency in the range 0.15 - 0.50 MHz.
- 3) The limit using ANSI C63.4.

5.1.2.2 Test Setup

Refer to 4.5 section test (test setup 3) for conducted emission, the photo of test setup please refer to ANNEX B.

5.1.2.3 Test Procedure

The test employing the methods of measurement described in the publication referenced in Section 3(b) (ANSI C63.4);

The EUT is connected to the power mains through a LISN which provides 50 Ω /50 μ H of coupling impedance for the measuring instrument. The test frequency range is from 150 kHz to 30 MHz. The maximum conducted interference is searched using Peak (PK), Quasi-peak (QP) and Average (AV) detectors; the emission levels that are more than the AV and QP limits, and that have narrow margins from the AV and QP limits will be re-measured with AV and QP detectors. Tests for both L phase and N phase lines of the power mains connected to the EUT are performed.

Devices subject to Part 15 must be tested for all available U.S. voltages and frequencies (such as a nominal 120 VAC, 50/60 Hz and 240 VAC, 50/60 Hz) for which the device is capable of operation. A device rated for 50/60 Hz operation need not be tested at both frequencies provided the radiated and line conducted emissions are the same at both frequencies.

Use the following spectrum analyzer settings:

RBW = 9 kHz

VBW $\geq$ RBW

Sweep = 10ms

Detector function =peak & Average

Trace = max hold

5.1.2.4 Test Result

Please refer to ANNEX A.2.

NOTE:

1. Results (dB μ V) = Reading (dB μ V) + Factor (dB)

The reading level is calculated by software which is not shown in the sheet

2. Factor = Insertion loss + Cable loss

3. Over limit = Results – Limit.

ANNEX A TEST RESULTS

A.1 Radiated Emission

Note 1: The symbol of "--" in the table which means not application.

Note 2: For the test data above 1 GHz, according the ANSI C63.4-2014, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

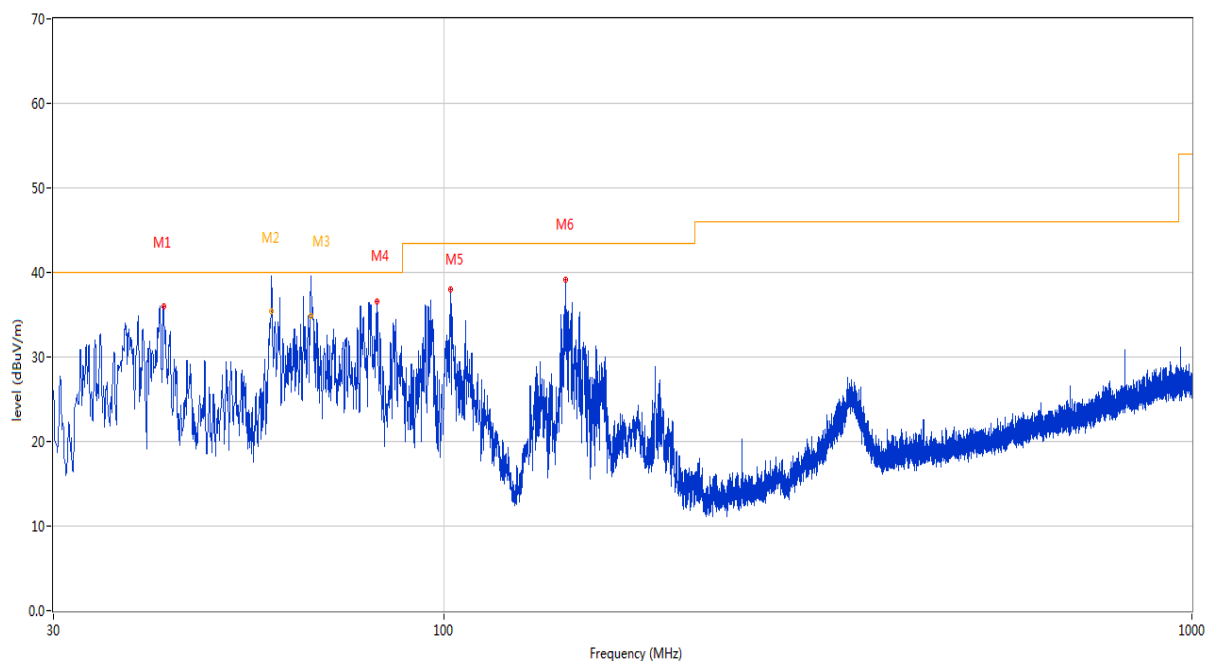
Note 3: The marked spikes near 2400 MHz with circle should be ignored because they are WIFI carrier frequency. The marked spikes near 5180 MHz with circle should be ignored because they are 5G WIFI carrier frequencies.

Note 4: The Radiated Emission from 18G-40G is noise only, do not show on the report.

Test Data and Plots

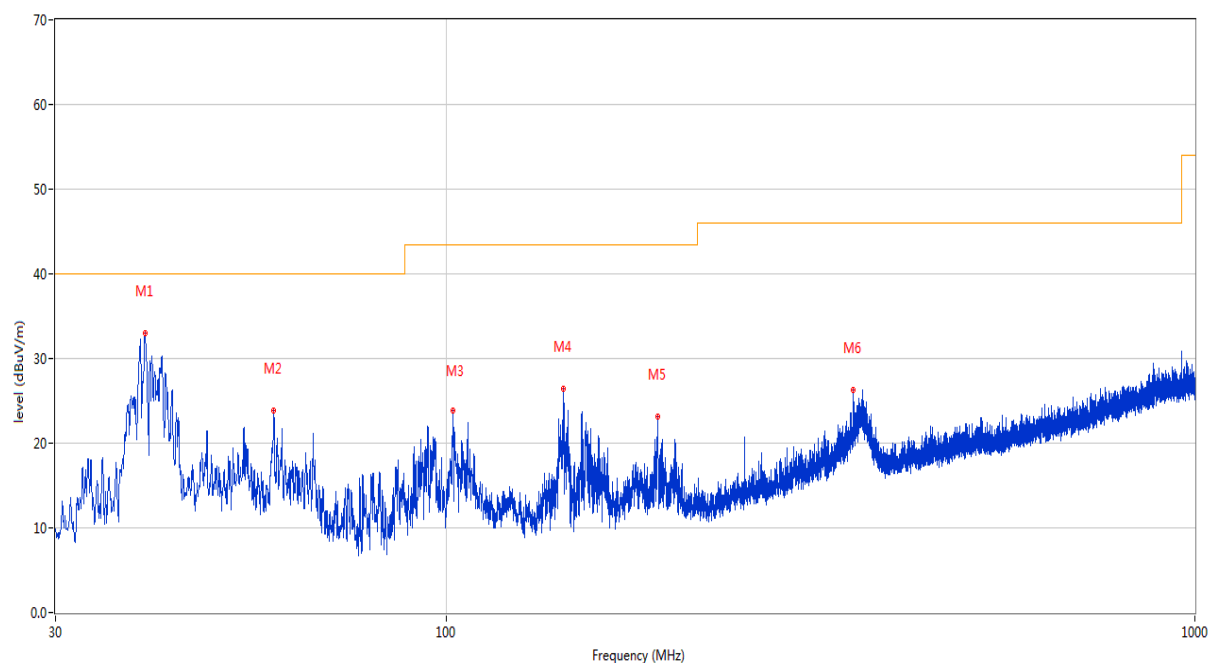
The Working Test Mode

A.1.1 Test Antenna Vertical, 30 MHz – 1 GHz(FCC)



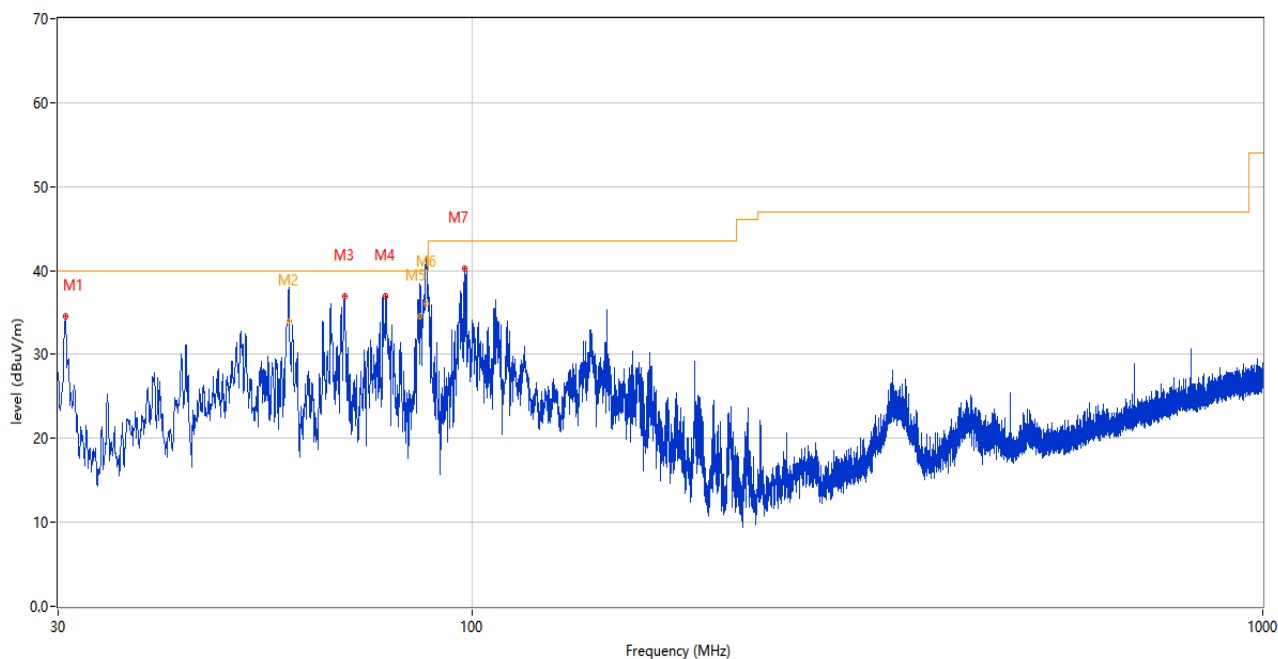
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	42.125	35.94	-23.45	40.0	-4.06	Peak	0.00	200	Vertical	Pass
2	58.761	39.54	-24.04	40.0	-0.46	Peak	171.40	100	Vertical	N/A
2*	58.761	35.38	-24.04	40.0	-4.62	QP	171.40	100	Vertical	Pass
3	66.278	39.58	-25.21	40.0	-0.42	Peak	233.70	100	Vertical	N/A
3*	66.278	34.86	-25.21	40.0	-5.14	QP	233.70	100	Vertical	Pass
4	81.216	36.55	-28.47	40.0	-3.45	Peak	274.90	200	Vertical	Pass
5	101.925	38.02	-24.54	43.5	-5.48	Peak	238.40	100	Vertical	Pass
6	145.258	39.08	-27.57	43.5	-4.42	Peak	333.70	100	Vertical	Pass

A.1.2 Test Antenna Horizontal, 30 MHz – 1 GHz(FCC)



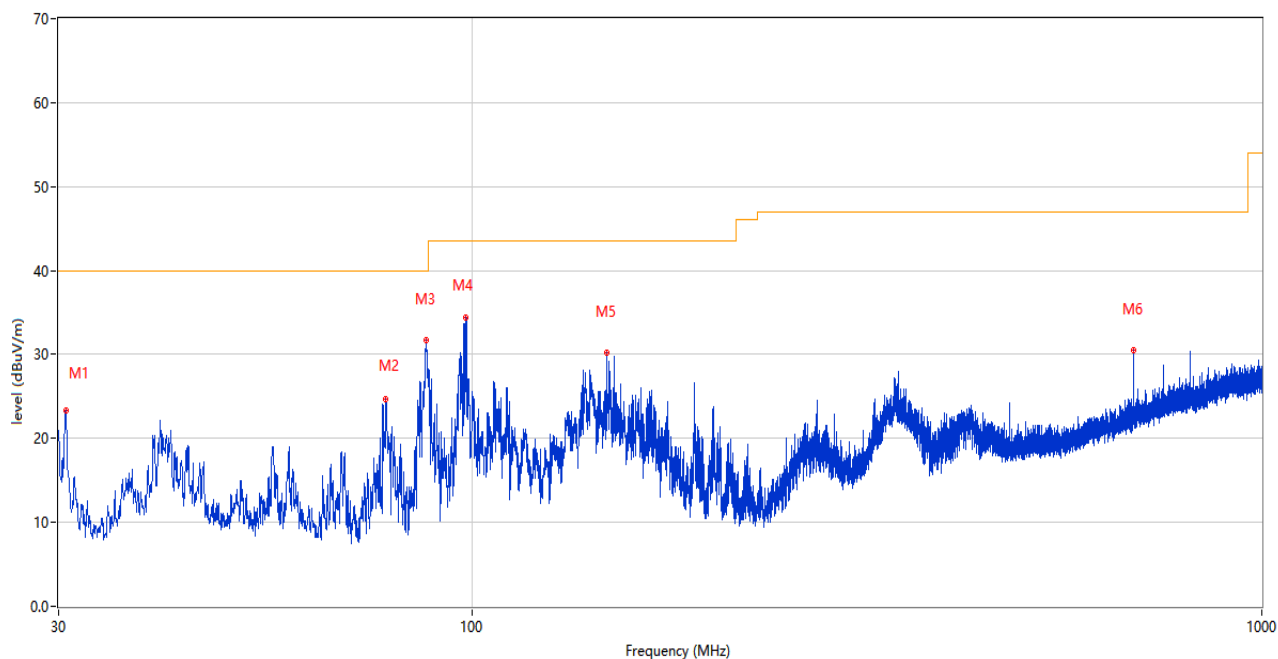
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	39.506	32.97	-24.29	40.0	-7.03	Peak	360.00	200	Horizontal	Pass
2	58.712	23.89	-24.05	40.0	-16.11	Peak	360.00	200	Horizontal	Pass
3	101.877	23.81	-24.55	43.5	-19.69	Peak	225.90	200	Horizontal	Pass
4	143.344	26.48	-27.81	43.5	-17.02	Peak	211.20	200	Horizontal	Pass
5	191.262	23.18	-25.14	43.5	-20.32	Peak	216.20	200	Horizontal	Pass
6	349.858	26.22	-20.09	46.0	-19.78	Peak	276.50	100	Horizontal	Pass

A.1.3 Test Antenna Vertical, 30 MHz – 1 GHz(IC)



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	30.631	34.56	-27.23	40.0	-5.44	Peak	53.00	100	Vertical	Pass
2	58.761	37.94	-27.42	40.0	-2.06	Peak	225.00	100	Vertical	N/A
2*	58.761	33.91	-27.42	40.0	-6.09	QP	225.00	100	Vertical	Pass
3	69.043	36.88	-28.90	40.0	-3.12	Peak	276.00	100	Vertical	Pass
4	77.918	36.95	-30.07	40.0	-3.05	Peak	302.00	100	Vertical	Pass
5	86.062	38.45	-30.24	40.0	-1.55	Peak	310.00	100	Vertical	N/A
5*	86.062	34.52	-30.24	40.0	-5.48	QP	310.00	100	Vertical	Pass
6	87.666	41.44	-30.33	40.0	1.44	Peak	281.00	100	Vertical	N/A
6*	87.666	36.10	-30.33	40.0	-3.90	QP	281.00	100	Vertical	Pass
7	97.852	40.30	-29.46	43.5	-3.20	Peak	212.00	100	Vertical	Pass

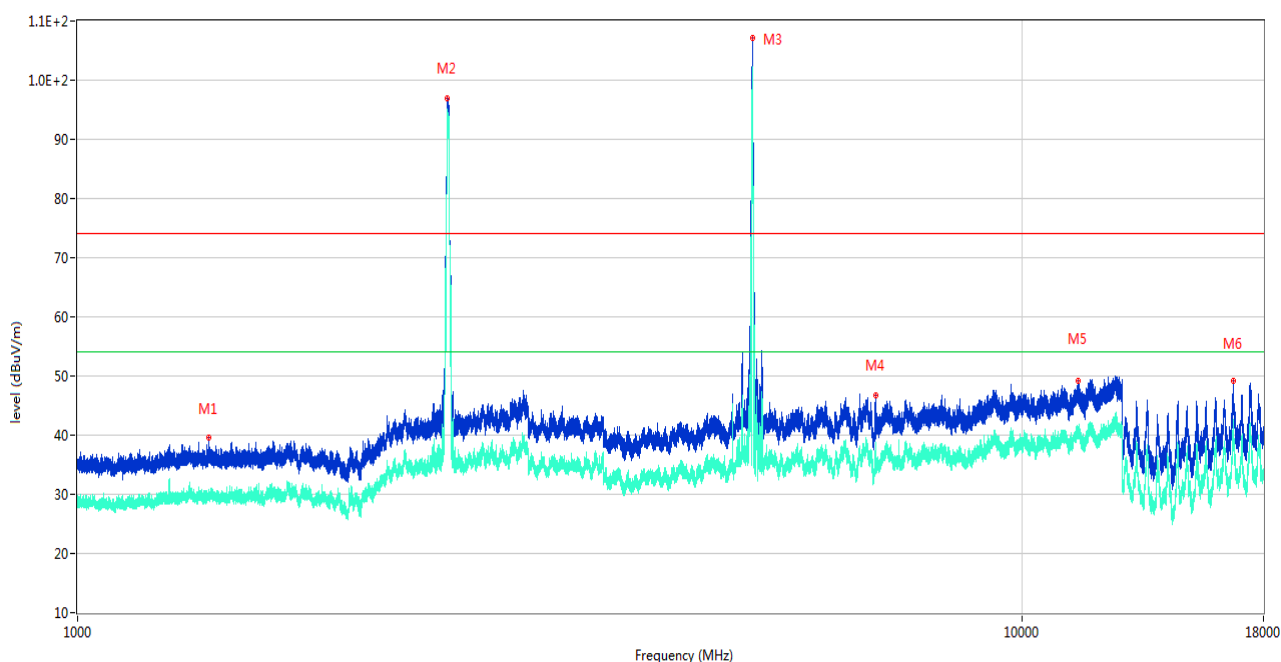
A.1.4 Test Antenna Horizontal, 30 MHz – 1 GHz(IC)



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	30.631	23.39	-27.23	40.0	-16.61	Peak	188.00	200	Horizontal	Pass
2	77.869	24.65	-30.07	40.0	-15.35	Peak	335.00	100	Horizontal	Pass
3	87.666	31.64	-30.33	40.0	-8.36	Peak	6.00	200	Horizontal	Pass
4	98.385	34.44	-29.39	43.5	-9.06	Peak	32.00	100	Horizontal	Pass
5	148.098	30.22	-25.16	43.5	-13.28	Peak	347.00	200	Horizontal	Pass
6	687.563	30.48	-14.85	47.0	-16.52	Peak	335.00	200	Horizontal	Pass

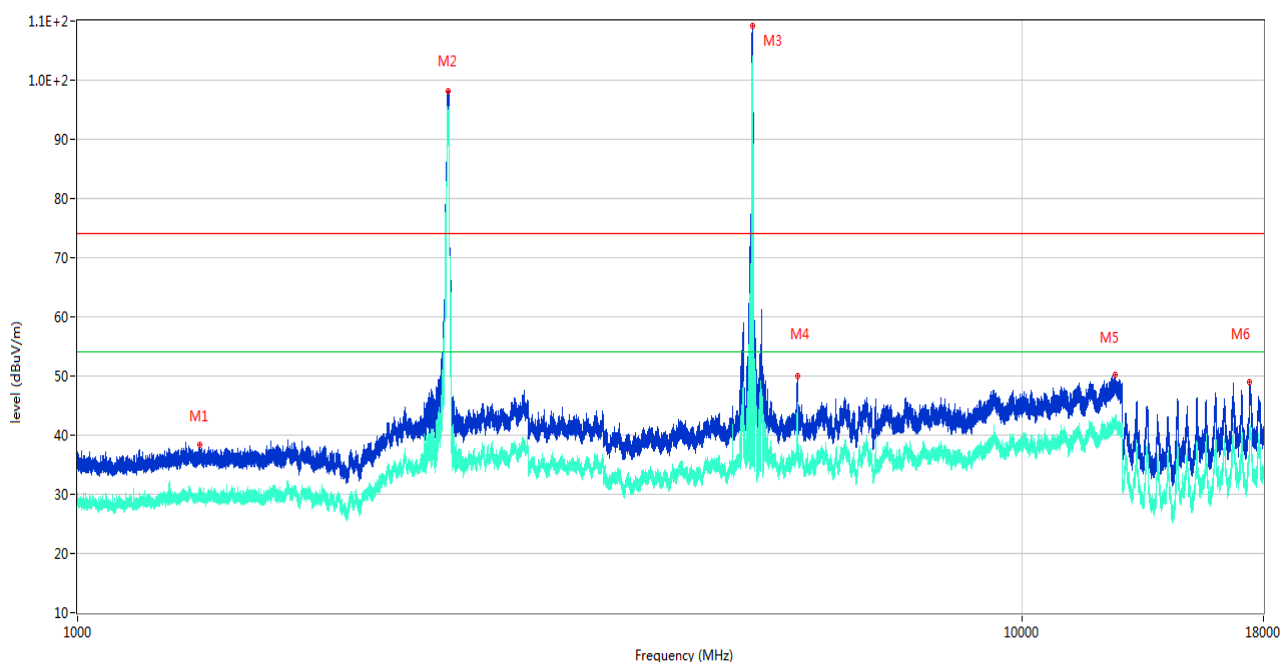
Test Data and Plots (Above 1 GHz)

A.1.5 Test Antenna Vertical, 1 GHz – 18 GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1375.800	39.58	-15.23	74.0	-34.42	Peak	56.80	100	Vertical	Pass
1**	1375.800	30.13	-15.23	54.0	-23.87	AV	56.80	100	Vertical	Pass
2	2464.100	96.75	-9.22	74.0	22.75	Peak	277.60	100	Vertical	N/A
2**	2464.100	94.19	-9.22	54.0	40.19	AV	277.60	100	Vertical	N/A
3	5185.000	107.10	-2.62	74.0	33.10	Peak	65.00	100	Vertical	N/A
3**	5185.000	102.33	-2.62	54.0	48.33	AV	65.00	100	Vertical	N/A
4	6999.600	46.70	-1.24	74.0	-27.30	Peak	0.50	100	Vertical	Pass
4**	6999.600	38.79	-1.24	54.0	-15.21	AV	0.50	100	Vertical	Pass
5	11459.700	49.23	20.69	74.0	-24.77	Peak	356.50	100	Vertical	Pass
5**	11459.700	39.45	20.69	54.0	-14.55	AV	356.50	100	Vertical	Pass
6	16722.938	49.28	25.55	74.0	-24.72	Peak	327.70	100	Vertical	Pass
6**	16722.938	41.05	25.55	54.0	-12.95	AV	327.70	100	Vertical	Pass

A.1.6 Test Antenna Horizontal, 1 GHz – 18 GHz



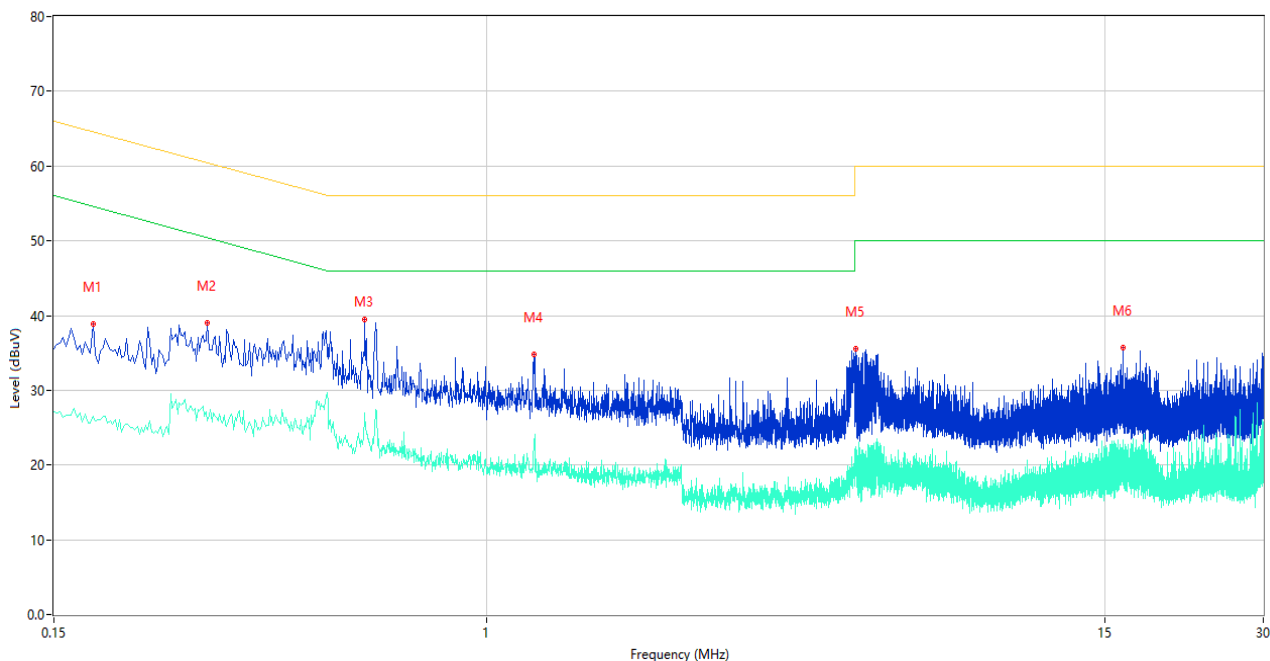
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1346.700	38.33	-15.04	74.0	-35.67	Peak	148.70	100	Horizontal	Pass
1**	1346.700	29.87	-15.04	54.0	-24.13	AV	148.70	100	Horizontal	Pass
2	2469.900	98.25	-9.59	74.0	24.25	Peak	336.50	100	Horizontal	N/A
2**	2469.900	94.88	-9.59	54.0	40.88	AV	336.50	100	Horizontal	N/A
3	5183.200	109.23	-2.74	74.0	35.23	Peak	128.70	100	Horizontal	N/A
3**	5183.200	104.06	-2.74	54.0	50.06	AV	128.70	100	Horizontal	N/A
4	5780.400	50.09	-3.25	74.0	-23.91	Peak	229.00	100	Horizontal	Pass
4**	5780.400	41.58	-3.25	54.0	-12.42	AV	229.00	100	Horizontal	Pass
5	12529.776	50.15	21.64	74.0	-23.85	Peak	282.20	100	Horizontal	Pass
5**	12529.776	41.76	21.64	54.0	-12.24	AV	282.20	100	Horizontal	Pass
6	17401.238	48.93	24.73	74.0	-25.07	Peak	161.50	100	Horizontal	Pass
6**	17401.238	39.23	24.73	54.0	-14.77	AV	161.50	100	Horizontal	Pass

A.2 Conducted Emission

Test Data and Plots

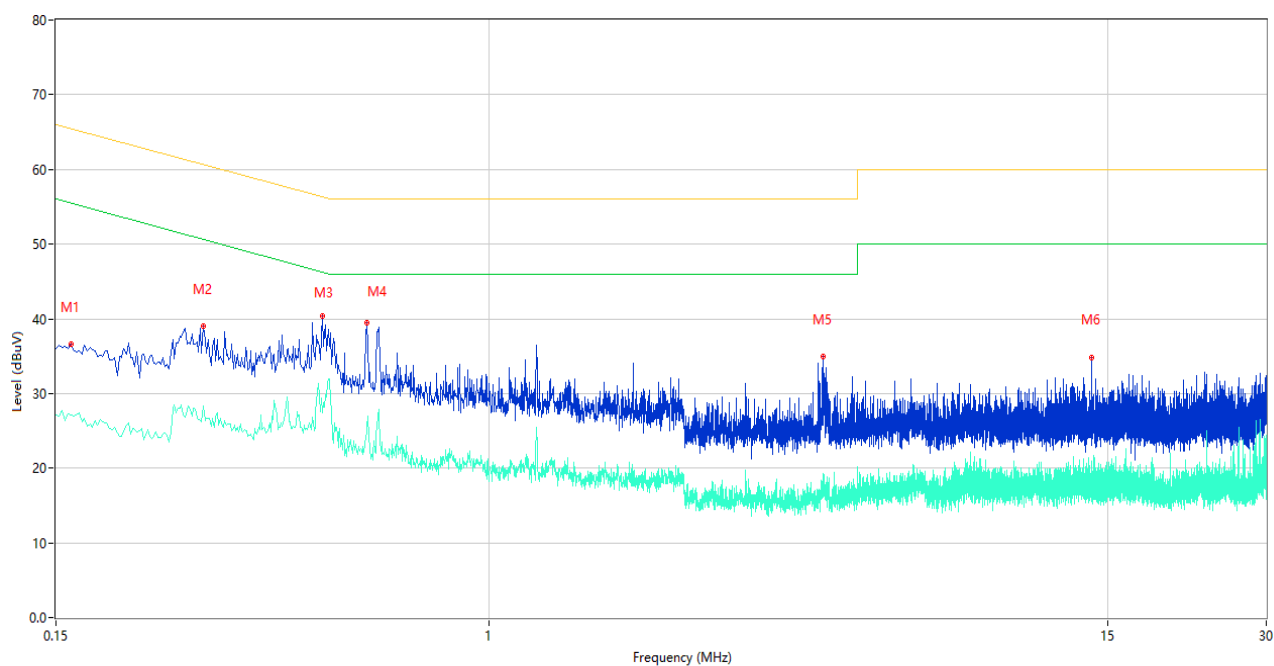
The Working Test Mode

A.2.1 L Phase



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.178	38.87	10.14	64.58	-25.71	Peak	L	Pass
1**	0.178	26.51	10.14	54.58	-28.07	AV	L	Pass
2	0.294	39.04	10.05	60.41	-21.37	Peak	L	Pass
2**	0.294	25.85	10.05	50.41	-24.56	AV	L	Pass
3	0.586	39.52	10.55	56.00	-16.48	Peak	L	Pass
3**	0.586	26.99	10.55	46.00	-19.01	AV	L	Pass
4	1.230	34.76	10.11	56.00	-21.24	Peak	L	Pass
4**	1.230	23.05	10.11	46.00	-22.95	AV	L	Pass
5	5.022	35.53	10.30	60.00	-24.47	Peak	L	Pass
5**	5.022	22.45	10.30	50.00	-27.55	AV	L	Pass
6	16.226	35.70	10.23	60.00	-24.30	Peak	L	Pass
6**	16.226	19.87	10.23	50.00	-30.13	AV	L	Pass

A.2.2 N Phase



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.160	36.58	10.17	65.46	-28.88	Peak	N	Pass
1**	0.160	27.18	10.17	55.46	-28.28	AV	N	Pass
2	0.286	38.96	10.06	60.64	-21.68	Peak	N	Pass
2**	0.286	28.36	10.06	50.64	-22.28	AV	N	Pass
3	0.482	40.35	10.37	56.30	-15.95	Peak	N	Pass
3**	0.482	27.47	10.37	46.30	-18.83	AV	N	Pass
4	0.584	39.47	10.55	56.00	-16.53	Peak	N	Pass
4**	0.584	24.92	10.55	46.00	-21.08	AV	N	Pass
5	4.310	34.88	10.23	56.00	-21.12	Peak	N	Pass
5**	4.310	19.26	10.23	46.00	-26.74	AV	N	Pass
6	13.968	34.86	10.47	60.00	-25.14	Peak	N	Pass
6**	13.968	20.98	10.47	50.00	-29.02	AV	N	Pass

ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ2261190-AE.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ2261190-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ2261190-AI.PDF”.

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--END OF REPORT--