

TEST REPORT

Applicant: MeiG Smart Technology Co., Ltd
Address: 2nd Floor, Office Building, No.5 Lingxia Road,
Fenghuang, Fuyong Street, Bao'an District,
Shenzhen, China.
Equipment Type: Multi-mode 5G/LTE Smart Module
Model Name: SRM955
Brand Name: MEIGLink
FCC ID: 2APJ4-SRM955
ISED Number: 23860-SRM955
Test Standard: 47 CFR Part 15 Subpart B
ICES-003 (Issue 7, October 15, 2020)
Sample Arrival Date: Dec. 12, 2022
Test Date: Dec. 19, 2022 - Dec. 20, 2022
Date of Issue: Feb. 20, 2023

ISSUED BY:

Shenzhen BALUN Technology Co., Ltd.

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Revision History

Version	Issue Date	Revisions Content
<u>Rev. 01</u>	<u>Feb. 20, 2023</u>	<u>Initial Issue</u>

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1 GENERAL INFORMATION

1.1 Test Laboratory

Name	Shenzhen BALUN Technology Co., Ltd.
Address	Block B, 1/F, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China
Phone Number	+86 755 6685 0100

1.2 Test Location

Name	Shenzhen BALUN Technology Co., Ltd.
Location	☒ Block B, 1/F, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China
	☐ 1/F, Building B, Ganghongji High-tech Intelligent Industrial Park, No. 1008, Songbai Road, Yangguang Community, Xili Sub-district, Nanshan District, Shenzhen, Guangdong Province, P. R. 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.

2 PRODUCT INFORMATION

2.1 Applicant Information

Applicant	MeiG Smart Technology Co., Ltd
Address	2nd Floor, Office Building, No.5 Lingxia Road, Fenghuang, Fuyong Street, Bao'an District, Shenzhen, China.

2.2 Manufacturer Information

Manufacturer	MeiG Smart Technology Co., Ltd
Address	2nd Floor, Office Building, No.5 Lingxia Road, Fenghuang, Fuyong Street, Bao'an District, Shenzhen, China.

2.3 Factory Information

Factory	N/A
Address	N/A

2.4 General Description for Equipment under Test (EUT)

EUT Name	Multi-mode 5G/LTE Smart Module
Model Name Under Test	SRM955
Series Model Name	N/A
Description of Model name differentiation	N/A
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	2G Network GSM/GPRS/EDGE 850/900/1800/1900 MHz 3G Network WCDMA/HSDPA/HSUPA/HSPA+ Band 2/4/5 4G Network LTE FDD Band 2/4/5/7/12/13/14/17/25/29/30/46/66/71 LTE TDD Band 38/41/42/43/48 LTE CA Downlink (DL): Refer to the manufacturer's specifications 5G Network SA: NR n2/n5/n12/n25/n30/n38/n41/n48/n66/n71/n77/n78 NR MIMO n41/n77/n78 NSA(EN-DC): DC_2A_n5A/DC_30A_n5A/DC_66A_n5A/DC_48A_n5A/ DC_2A_n66A/DC_5A_n66A/DC_12A_n66A/DC_30A_n66A/ DC_14A_n66A/DC_48A_n66A/DC_13A_n66A/DC_5A_n2A/ DC_12A_n2A/DC_30A_n2A/DC_66A_n2A/DC_14A_n2A/ DC_13A_n2A/DC_2A_n30A/DC_5A_n30A/DC_12A_n30A/ DC_14A_n30A/DC_66A_n30A/DC_2A_n77A/DC_66A_n77A/ DC_12A_n77A/DC_14A_n77A/DC_13A_n77A/DC_5A_n77A/ DC_66A_n71A/DC_2A_n71A/DC_2A_n41A/DC_12A_n25A/ DC_66A_n25A/DC_48A_n25A/DC_2A_n48A/DC_66A_n48A Bluetooth (BR+EDR+BLE) 2.4G WIFI 802.11b, 802.11g, 802.11n(HT20/40), 802.11ax(HE20/40) 5G WIFI 802.11a, 802.11n(HT20/40), 802.11ac(VHT20/40/80/160) U-NII-1/2A/2C/3 6G WIFI 802.11a, 802.11ax(HE20/40/80/160) U-NII-5/6/7/8 GPS/GLONASS/BeiDou, L1+L5 GPS
Note: The EUT information are declared by manufacturer. For more detailed features description, please refer to the manufacturer's specifications or user's manual.	

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	DC 3.8V	21.6℃	42%	101kPa	Dec. 19, 2022	Lin Yupeng
		17.0℃	48%		Dec. 20, 2022	
Conducted Emission	DC 3.8V	16.7℃	53%	101kPa	Dec. 20, 2022	Lin Yupeng

4.2 Test Equipment List

Radiated Emission Test For Frequency Below 1 GHz (10 m)						
Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due	Use
EMI Receiver	ROHDE&SCHWA RZ	ESRP	101036	2022.09.09	2023.09.08	☒
Amplifier (30-1GHz)	COM-MV	ZT30-1000M	B2018054558	2022.09.09	2023.09.08	☒
Test Antenna- Bi-Log	SCHWARZBECK	VULB 9168	9168-01162	2020.08.12	2023.08.11	☒
Anechoic Chamber	EMC Electronic Co., Ltd	20.10*11.60* 7.35m	130	2021.08.15	2024.08.14	☒
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	Keysight	N9038A	MY55330120	2022.09.09	2023.09.08	☒
Spectrum Analyzer	ROHDE & SCHWARZ	FSV40	101544	2022.01.04	2023.01.03	☒
Amplifier (1-12GHz)	Advanced Microwave	WLA652A	1740103	2022.09.09	2023.09.08	☒
Amplifier (0.8-21GHz)	Mini-Circuits	ZVA-213-S+	225321316	2022.09.09	2023.09.08	☒
Amplifier (18-40GHz)	COM-MV	KA_LNA18-40G- 01	18050001	2022.09.09	2023.09.08	☒
Test Antenna- Horn	SCHWARZBE CK	BBHA 9120D	01917	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	142	2022.08.19	2024.08.18	☒
Description	Manufacturer	Name		Version		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	2022.09.09	2023.09.08	☒
LISN	SCHWARZBECK	NSLK 8127	8127-687	2022.06.01	2023.05.31	☒
Shielded Room	YiHeng Electronic Co., Ltd	3.5m*3.1m*2. 8m	112	2022.02.19	2025.02.18	☒
Description	Manufacturer	Name		Version		Use
Test Software	BALUN	BL410-E		V19.918		☒

4.3 Test Enclosure list

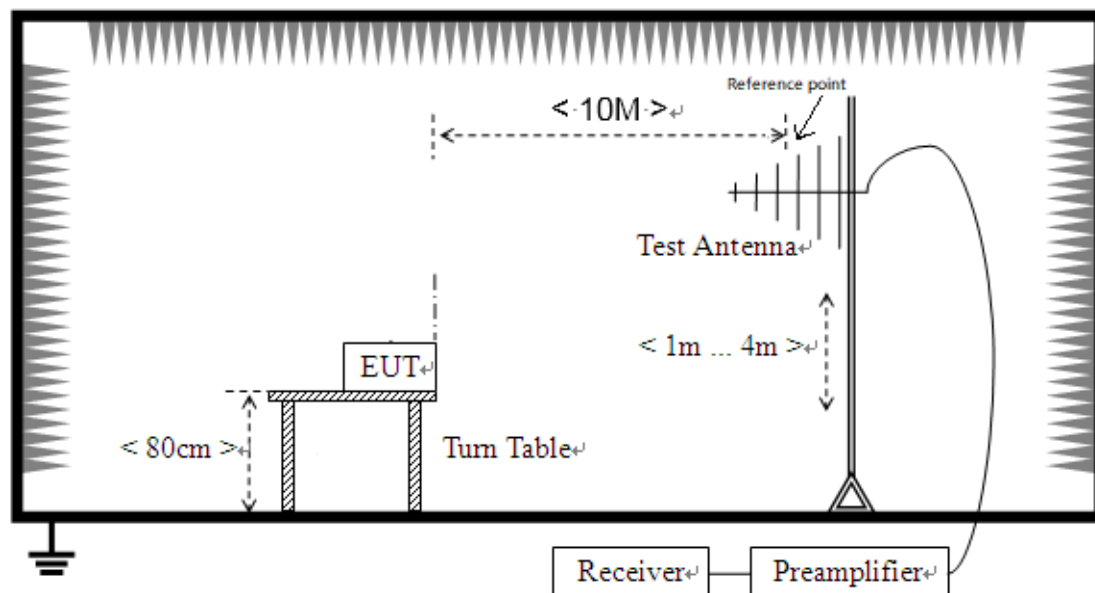
Description	Manufacturer	Model	Serial No.	Length	Description	Use
DC Source	ITECH	IT6873A	N/A	N/A	N/A	☒
Clip Wire	N/A	N/A	N/A	50cm	N/A	☒
Antenna	N/A	N/A	N/A	N/A	N/A	☒
Expand Screen	N/A	N/A	N/A	N/A	N/A	☒

4.4 Test Configurations

Test Configurations (TC) No.	Description
TC01	<u>The Working Test Mode</u> EUT + Antenna + Expand Screen + Clip Wire + DC Source

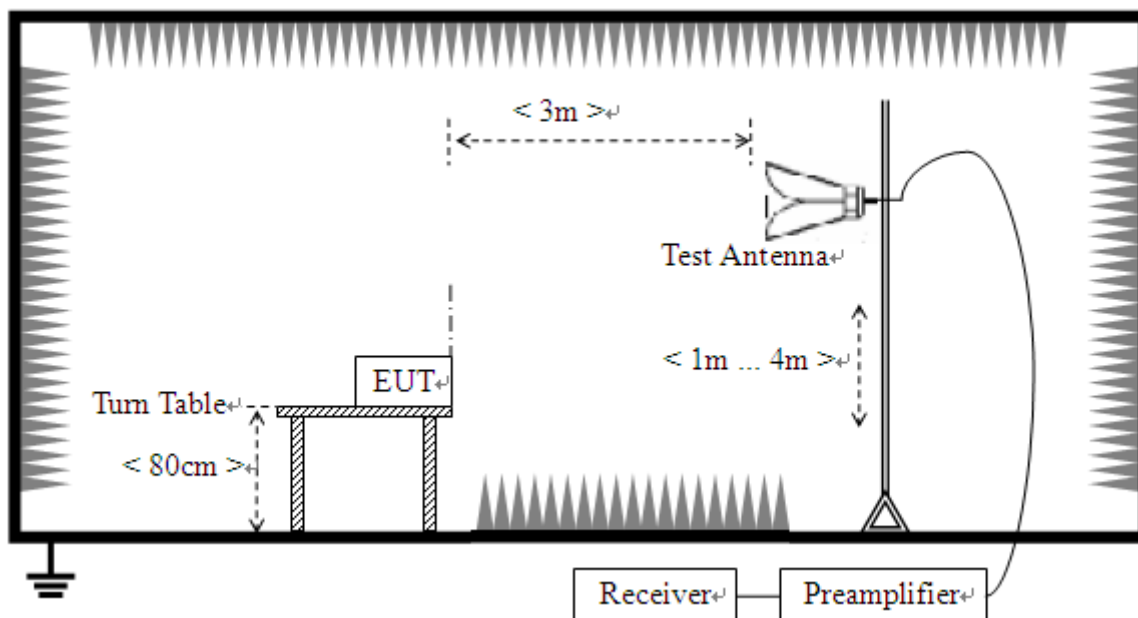
4.5 Test Setups

Test Setup 1

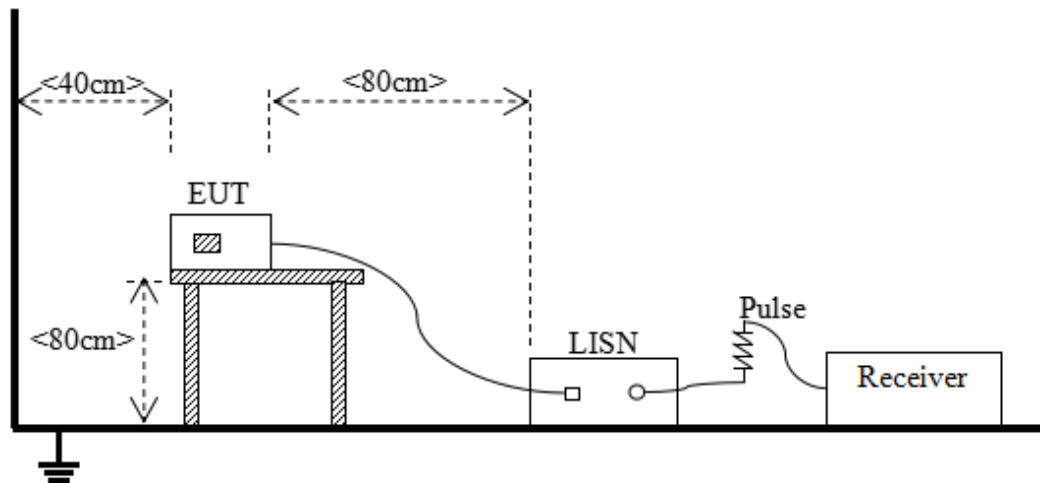


(For Radiated Emission Test (30 MHz-1 GHz))

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 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 (dBμV) = Reading (dBμV) + 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.

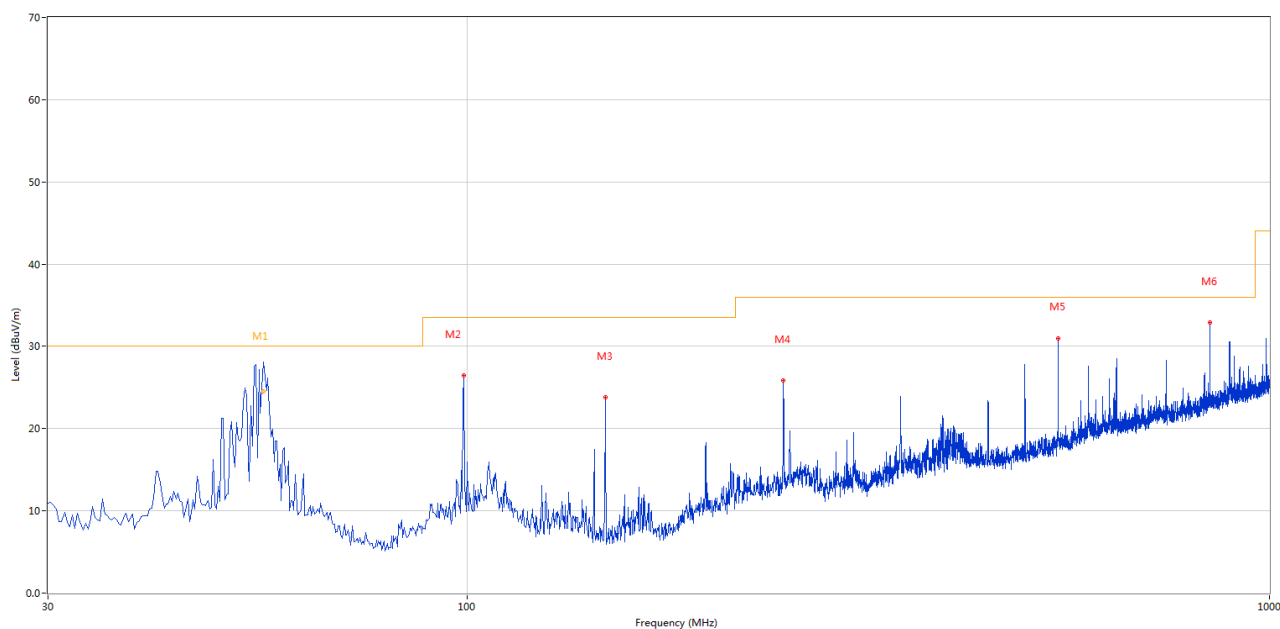
Note 2: For the test data above 1 GHz, according the ANSI C63.4-2014, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

Note 3: The Radiated Emission from 18G-40G is noise only, do not show on the report.

Test Data and Plots

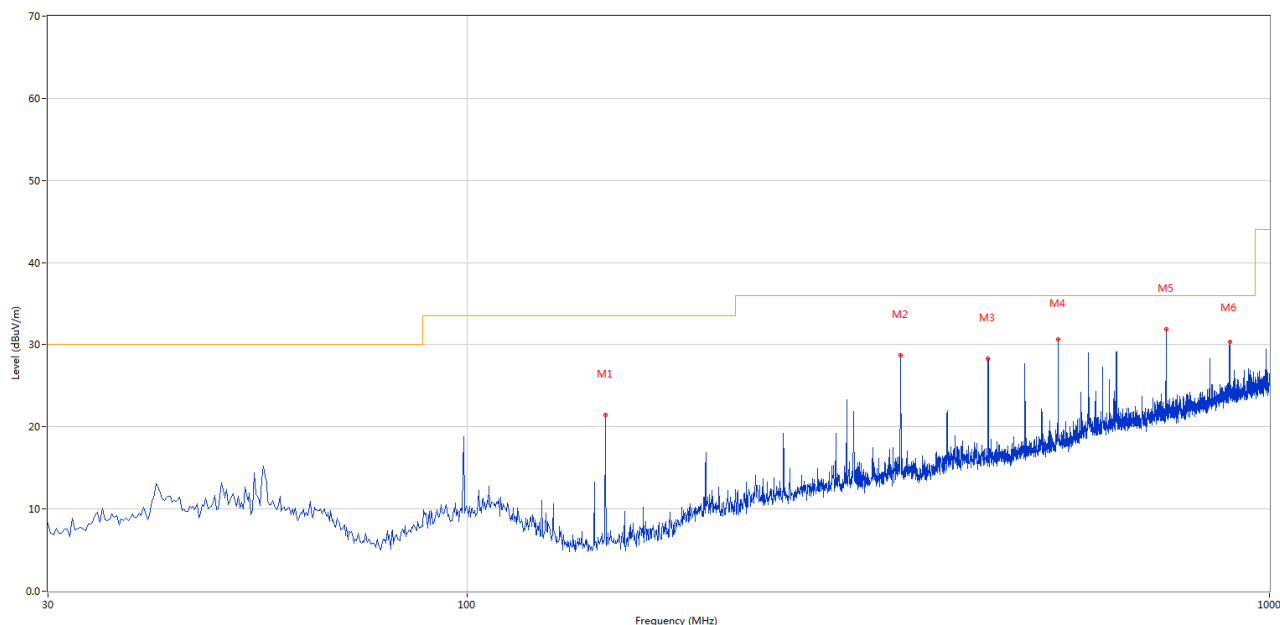
The Working Test Mode

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



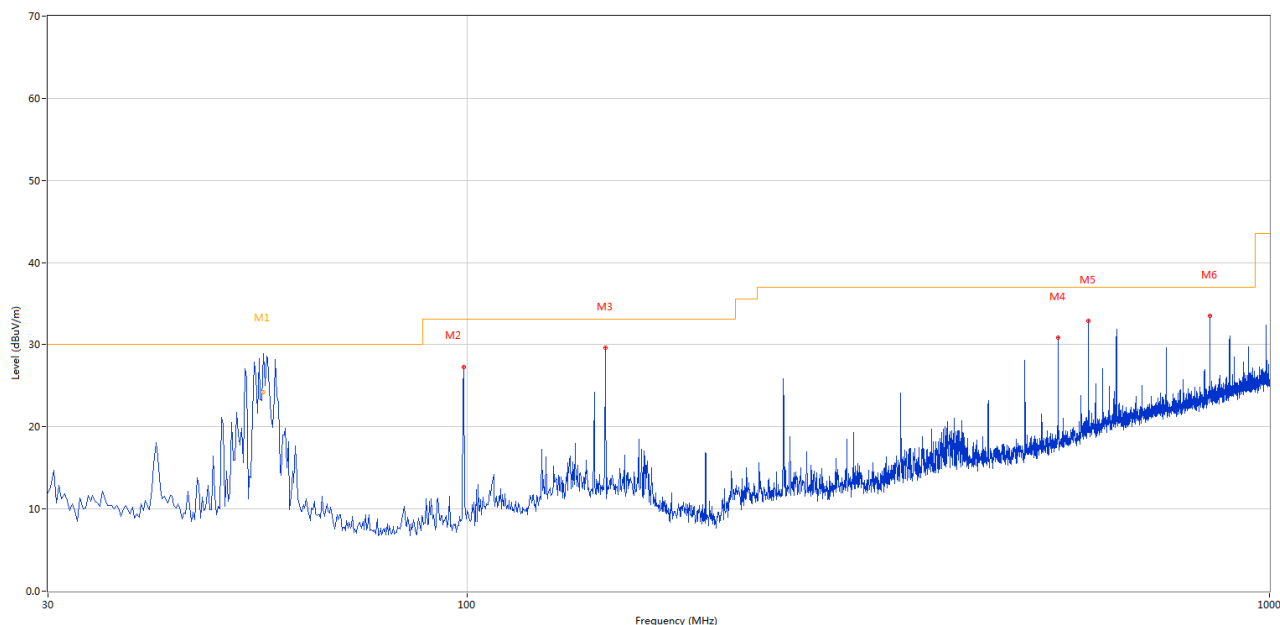
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	55.699	28.08	-26.72	30.0	1.92	Peak	0.00	200	Vertical	N/A
1*	55.699	24.49	-26.72	30.0	5.51	QP	0.00	200	Vertical	Pass
2	99.095	26.49	-28.07	33.5	7.01	Peak	75.00	100	Vertical	Pass
3	148.553	23.80	-31.53	33.5	9.70	Peak	127.00	100	Vertical	Pass
4	247.711	25.90	-26.49	36.0	10.10	Peak	4.00	100	Vertical	Pass
5	544.941	30.92	-19.35	36.0	5.08	Peak	183.00	100	Vertical	Pass
6	842.414	32.95	-13.82	36.0	3.05	Peak	22.00	200	Vertical	Pass

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



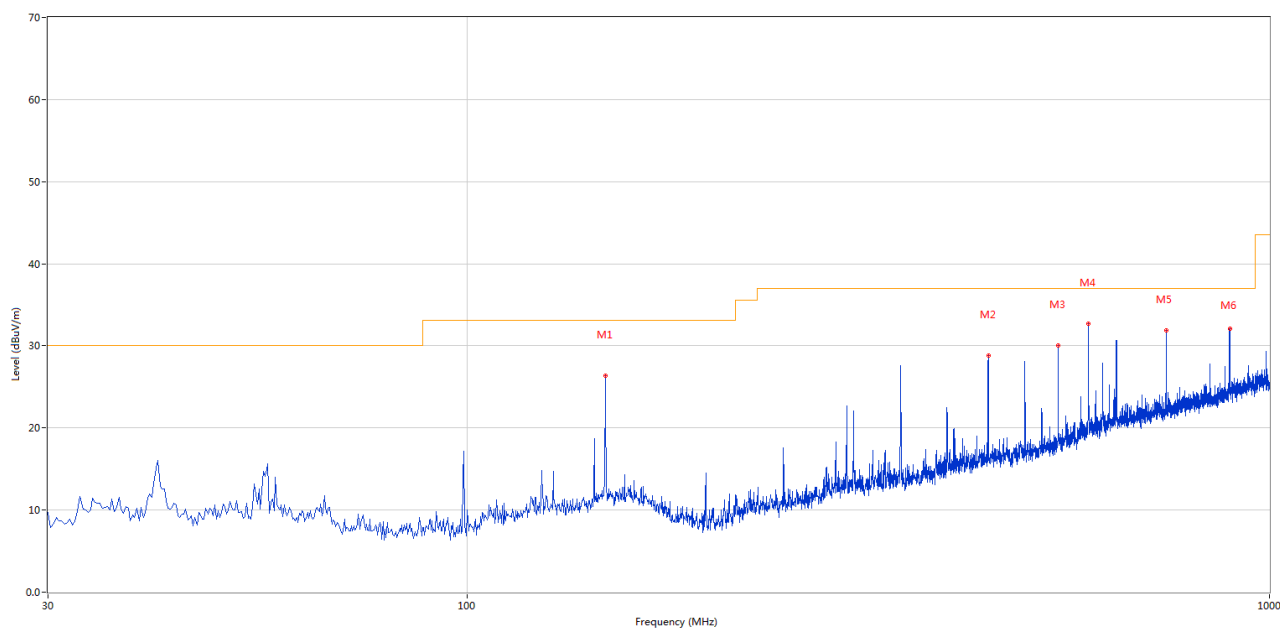
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	148.553	21.49	-31.53	33.5	12.01	Peak	273.00	200	Horizontal	Pass
2	346.868	28.68	-23.51	36.0	7.32	Peak	121.00	200	Horizontal	Pass
3	445.784	28.36	-21.94	36.0	7.64	Peak	242.00	200	Horizontal	Pass
4	544.941	30.68	-19.35	36.0	5.32	Peak	53.00	200	Horizontal	Pass
5	743.499	31.92	-15.36	36.0	4.08	Peak	202.00	100	Horizontal	Pass
6	892.357	30.34	-12.51	36.0	5.66	Peak	301.00	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	55.699	28.96	-27.38	30.0	1.04	Peak	174.00	200	Vertical	N/A
1*	55.699	24.20	-27.38	30.0	5.80	QP	174.00	200	Vertical	Pass
2	99.095	27.28	-30.03	33.1	5.82	Peak	87.00	100	Vertical	Pass
3	148.553	29.67	-25.87	33.1	3.43	Peak	276.00	100	Vertical	Pass
4	545.184	30.85	-19.21	37.0	6.15	Peak	177.00	100	Vertical	Pass
5	594.884	32.88	-18.17	37.0	4.12	Peak	183.00	100	Vertical	Pass
6	842.657	33.49	-13.32	37.0	3.51	Peak	31.00	200	Vertical	Pass

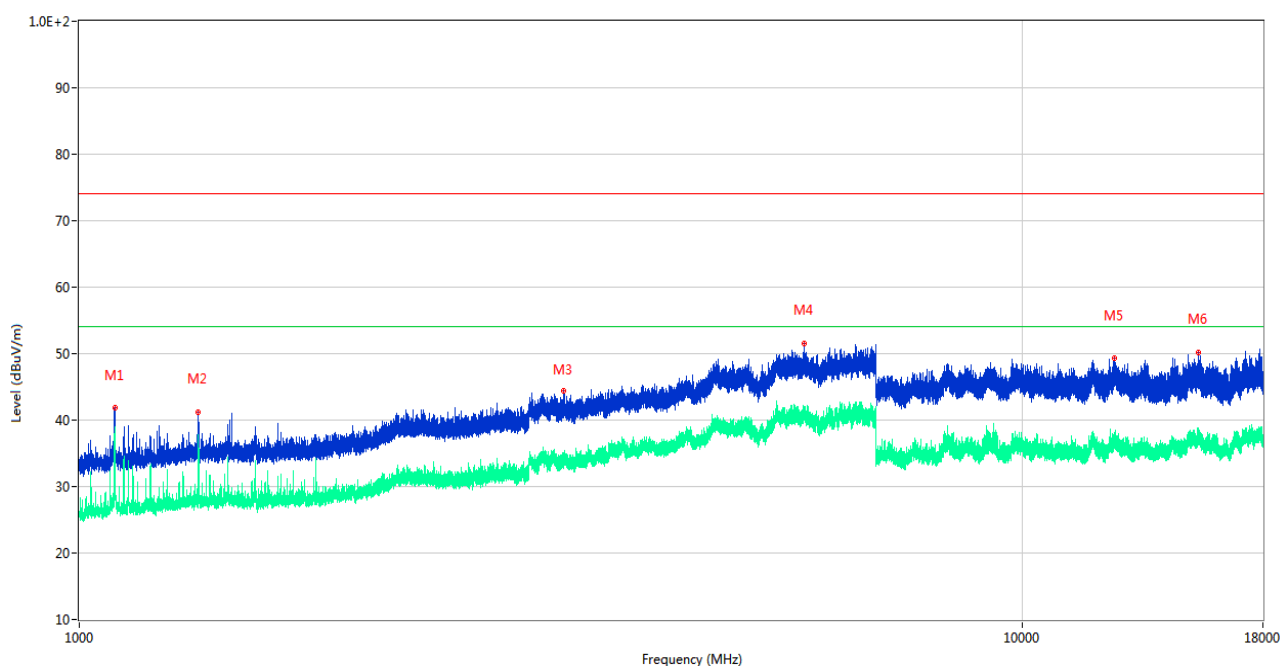
A.1.4 Test Antenna Horizontal, 30 MHz – 1 GHz(IC)



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	148.553	26.37	-25.87	33.1	6.73	Peak	264.00	200	Horizontal	Pass
2	446.026	28.87	-21.80	37.0	8.13	Peak	236.00	200	Horizontal	Pass
3	545.184	30.07	-19.21	37.0	6.93	Peak	41.00	200	Horizontal	Pass
4	594.884	32.70	-18.17	37.0	4.30	Peak	207.00	100	Horizontal	Pass
5	743.499	31.91	-14.96	37.0	5.09	Peak	198.00	100	Horizontal	Pass
6	892.114	32.11	-12.07	37.0	4.89	Peak	291.00	100	Horizontal	Pass

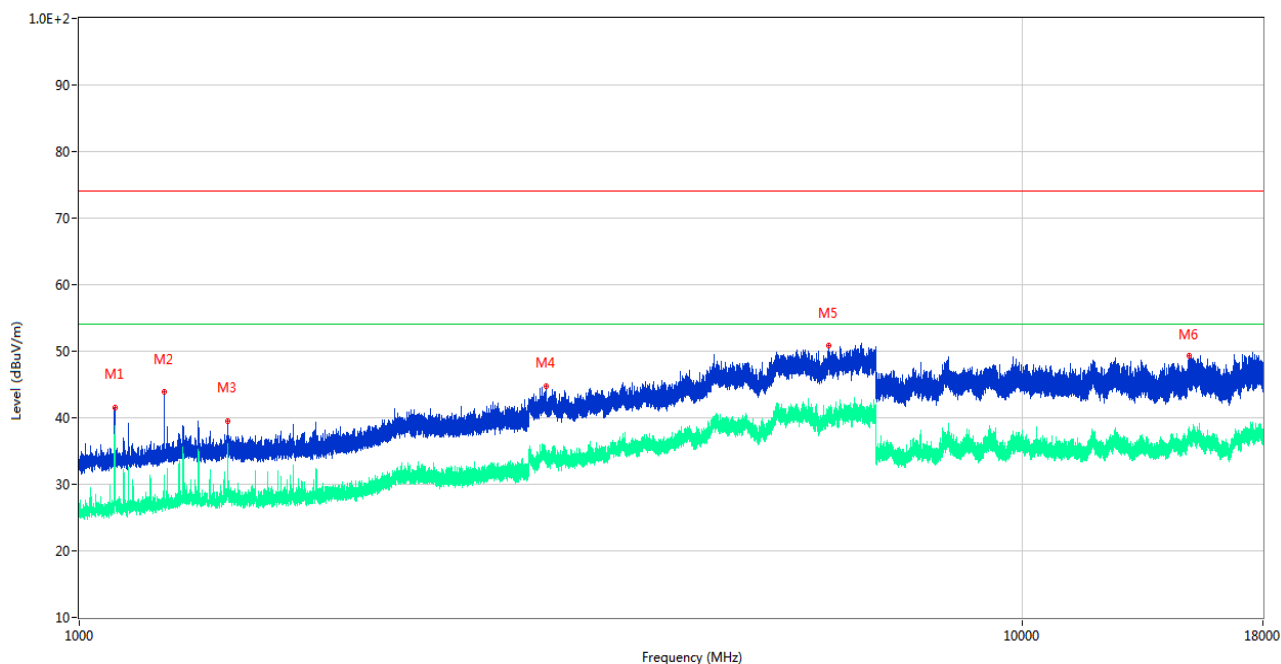
Test Data and Plots (Above 1 GHz)

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



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1090.500	41.83	-16.07	74.0	32.17	Peak	213.00	100	Vertical	Pass
1**	1090.500	39.02	-16.07	54.0	14.98	AV	213.00	100	Vertical	Pass
2	1337.700	41.21	-15.72	74.0	32.79	Peak	254.00	200	Vertical	Pass
2**	1337.700	33.41	-15.72	54.0	20.59	AV	254.00	200	Vertical	Pass
3	3263.400	44.36	-7.30	74.0	29.64	Peak	115.00	100	Vertical	Pass
3**	3263.400	33.87	-7.30	54.0	20.13	AV	115.00	100	Vertical	Pass
4	5873.600	51.57	0.25	74.0	22.43	Peak	40.00	200	Vertical	Pass
4**	5873.600	41.85	0.25	54.0	12.15	AV	40.00	200	Vertical	Pass
5	12535.812	49.37	16.82	74.0	24.63	Peak	352.00	100	Vertical	Pass
5**	12535.812	37.02	16.82	54.0	16.98	AV	352.00	100	Vertical	Pass
6	15376.838	50.19	16.94	74.0	23.81	Peak	76.00	100	Vertical	Pass
6**	15376.838	37.22	16.94	54.0	16.78	AV	76.00	100	Vertical	Pass

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



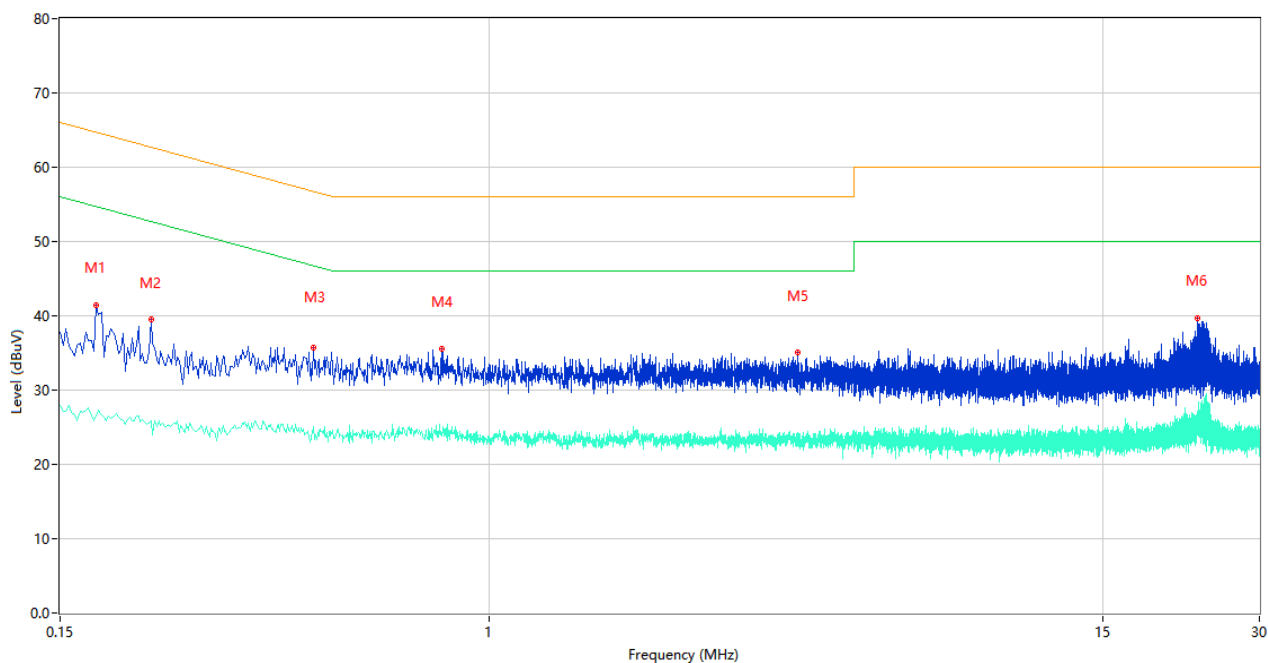
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1090.100	41.53	-16.05	74.0	32.47	Peak	343.00	200	Horizontal	Pass
1**	1090.100	38.79	-16.05	54.0	15.21	AV	343.00	200	Horizontal	Pass
2	1229.200	43.83	-15.97	74.0	30.17	Peak	297.00	100	Horizontal	Pass
2**	1229.200	27.04	-15.97	54.0	26.96	AV	297.00	100	Horizontal	Pass
3	1437.300	39.55	-16.02	74.0	34.45	Peak	334.00	100	Horizontal	Pass
3**	1437.300	34.30	-16.02	54.0	19.70	AV	334.00	100	Horizontal	Pass
4	3128.200	44.80	-8.48	74.0	29.20	Peak	138.00	100	Horizontal	Pass
4**	3128.200	34.00	-8.48	54.0	20.00	AV	138.00	100	Horizontal	Pass
5	6234.200	50.78	1.29	74.0	23.22	Peak	323.00	200	Horizontal	Pass
5**	6234.200	40.46	1.29	54.0	13.54	AV	323.00	200	Horizontal	Pass
6	15042.413	49.31	16.57	74.0	24.69	Peak	300.00	100	Horizontal	Pass
6**	15042.413	37.55	16.57	54.0	16.45	AV	300.00	100	Horizontal	Pass

A.2 Conducted Emission

Test Data and Plots

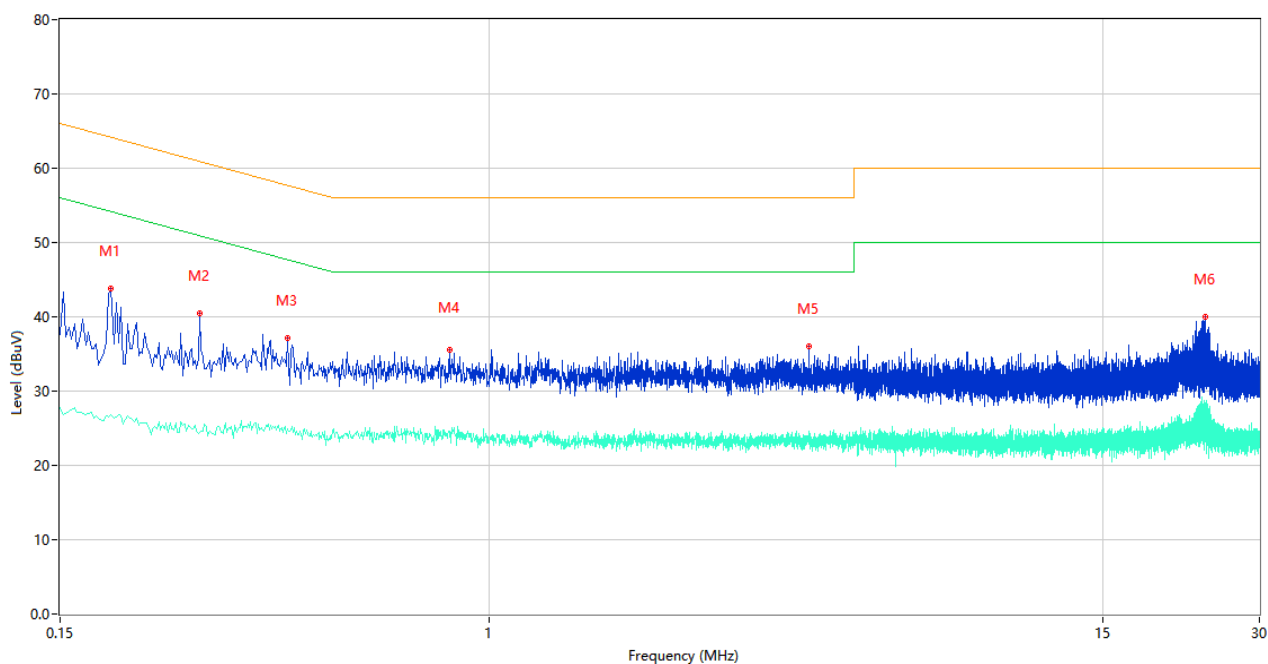
The Working Test Mode

A.2.1 L Phase



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.176	41.48	10.07	64.67	23.19	Peak	L	Pass
1**	0.176	26.49	10.07	54.67	28.18	AV	L	Pass
2	0.224	39.46	10.04	62.67	23.21	Peak	L	Pass
2**	0.224	25.82	10.04	52.67	26.85	AV	L	Pass
3	0.460	35.69	10.22	56.69	21.00	Peak	L	Pass
3**	0.460	25.05	10.22	46.69	21.64	AV	L	Pass
4	0.810	35.56	10.69	56.00	20.44	Peak	L	Pass
4**	0.810	24.22	10.69	46.00	21.78	AV	L	Pass
5	3.894	35.04	10.39	56.00	20.96	Peak	L	Pass
5**	3.894	23.91	10.39	46.00	22.09	AV	L	Pass
6	22.812	39.73	10.42	60.00	20.27	Peak	L	Pass
6**	22.812	25.90	10.42	50.00	24.10	AV	L	Pass

A.2.2 N Phase



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.188	43.87	10.06	64.12	20.25	Peak	N	Pass
1**	0.188	26.88	10.06	54.12	27.24	AV	N	Pass
2	0.278	40.53	10.00	60.88	20.35	Peak	N	Pass
2**	0.278	24.41	10.00	50.88	26.47	AV	N	Pass
3	0.410	37.15	10.65	57.65	20.50	Peak	N	Pass
3**	0.410	24.92	10.65	47.65	22.73	AV	N	Pass
4	0.838	35.49	10.74	56.00	20.51	Peak	N	Pass
4**	0.838	24.43	10.74	46.00	21.57	AV	N	Pass
5	4.104	36.00	10.39	56.00	20.00	Peak	N	Pass
5**	4.104	24.53	10.39	46.00	21.47	AV	N	Pass
6	23.614	40.02	10.55	60.00	19.98	Peak	N	Pass
6**	23.614	27.49	10.55	50.00	22.51	AV	N	Pass

ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-EC22A0685-AE.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-EC22A0685-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-EC22A0685-AI.PDF”.

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--END OF REPORT--