

FCC

EMC

TEST REPORT

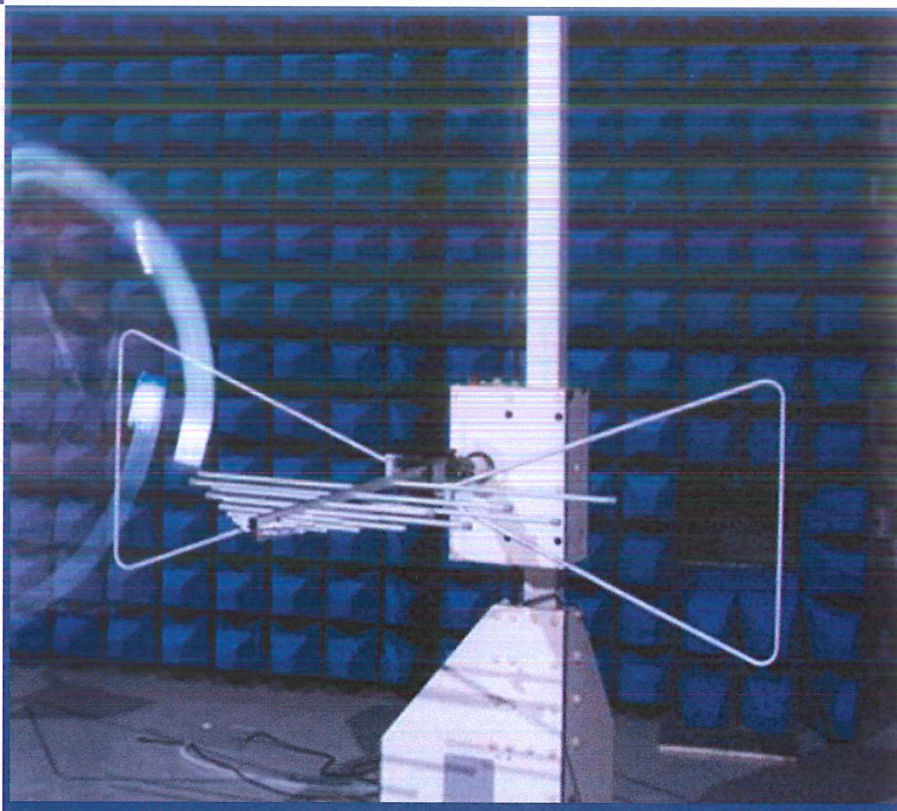
ISSUED BY  
Shenzhen BALUN Technology Co., Ltd.



FOR  
**Tri-band Wireless Gigabit Router**

ISSUED TO  
GL Technologies (Hong Kong) Limited

FLAT/RM 203 2/F BUILDING 19W 19 SCIENCE PARK WEST  
AVENUE SHATIN NT



Tested by: Xiong Chong  
Xiong Chong

Date Oct. 21, 2020

Approved by: Hanson Lin  
Hanson Lin  
(Vice General Manager)

Date Oct. 21, 2020

Report No.: BL-SZ2070809-401

EUT Name: Tri-band Wireless Gigabit Router

Model Name: GL-B2200

Brand Name: GL.iNET

Test Standard: 47 CFR Part 15 Subpart B

FCC ID: 2AFIW-B2200

Test Conclusion: Pass

Test Date: Aug. 03, 2020 ~ Sep. 23, 2020

Date of Issue: Oct. 21, 2020

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**Revision History**

<u>Version</u>	<u>Issue Date</u>	<u>Revisions Content</u>
<u>Rev. 01</u>	<u>Oct. 21, 2020</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, 1st FL, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China
Phone Number	+86 755 6685 0100
Fax Number	+86 755 6182 4271

## 1.2 Identification of the Responsible Testing Location

Test Location	Shenzhen BALUN Technology Co., Ltd.
Address	Block B, 1st FL, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China
Accreditation Certificate	<p>The laboratory has been listed by Industry Canada to perform electromagnetic emission measurements. The recognition numbers of test site are 11524A-1.</p> <p>The laboratory is a testing organization accredited by FCC as a accredited testing laboratory. The designation number is CN1196.</p> <p>The laboratory is a testing organization accredited by American Association for Laboratory Accreditation(A2LA) according to ISO/IEC 17025.The accreditation certificate is 4344.01.</p> <p>The laboratory is a testing organization accredited by China National Accreditation Service for Conformity Assessment (CNAS) according to ISO/IEC 17025. The accreditation certificate number is L6791.</p>
Description	All measurement facilities used to collect the measurement data are located at Block B, FL 1, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China 518055

## 1.3 Laboratory Condition

Ambient Temperature	20°C to 25°C
Ambient Relative Humidity	45% to 55%
Ambient Pressure	100 kPa to 102 kPa

## 1.4 Announce

- (1) The test report refer to the BALUN report mode v6.8.
- (2) The test report is invalid if not marked with the signatures of the persons responsible for preparing and approving the test report.
- (3) The test report is invalid if there is any evidence and/or falsification.
- (4) The results documented in this report apply only to the tested sample, under the conditions and modes of operation as described herein.
- (5) This document may not be altered or revised in any way unless done so by BALUN and all revisions are duly noted in the revisions section.
- (6) Content of the test report, in part or in full, cannot be used for publicity and/or promotional purposes without prior written approval from the laboratory.
- (7) The laboratory is only responsible for the data released by the laboratory, except for the part provided by the applicant.

## 2 PRODUCT INFORMATION

### 2.1 Applicant Information

Applicant	GL Technologies (Hong Kong) Limited
Address	FLAT/RM 203 2/F BUILDING 19W 19 SCIENCE PARK WEST AVENUE SHATIN NT

### 2.2 Manufacturer Information

Manufacturer	Shenzhen Guanglianzhitong Tech Co., Ltd
Address	Room 305-306, Skyworth Digital Building, Shiyan Street, Baoan District, Shenzhen, China

### 2.3 Factory Information

Factory	N/A
Address	N/A

### 2.4 General Description for Equipment under Test (EUT)

EUT Name	Tri-band Wireless Gigabit Router
Model Name Under Test	GL-B2200
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

Ancillary Equipment 1	Adapter 1	
	Brand Name	N/A
	Model No.	ICP30A-050-3000
	Serial No.	N/A
	Rated Input	100-240 V~, 0.8 A, 50/60Hz
	Rated Output	5 V= 3.0 A

## 2.6 Technical Information

Network and Wireless connectivity	Bluetooth, WIFI, Zigbee
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The requirement for the following technical information of the EUT was tested in this report:

The Highest Speed of Processor	716.8MHz
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### 3 SUMMARY OF TEST RESULTS

#### 3.1 Test Standards

No.	Identity	Document Title
1	FCC 47 CFR Part 15 Subpart B (10-1-19 Edition)	Unintentional Radiators
2	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	Test Verdict	Result
1	Radiated Emission	15.109	Pass	Annex A .1
2	Conducted Emission, AC Ports	15.107	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)	2.96 dB
Radiated emissions (30 MHz-1 GHz)	3.66 dB
Radiated emissions (1 GHz-18 GHz)	5.57 dB
Radiated emissions (18 GHz-40 GHz)	6.12 dB



## 4 GENERAL TEST CONFIGURATIONS

### 4.1 Test Environments

Environment Parameter	Selected Values During Tests			
	Temperature	Voltage	Relative Humidity	Ambient Pressure
Normal Temperature, Normal Voltage (NTNV)	23°C to 25°C	AC 120 V/60 Hz	50% to 55%	100 kPa to 102 kPa

### 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&SCHWARZ	ESRP	101036	2020.08.24	2021.08.23	<input checked="" type="checkbox"/>
Test Antenna-Bi-Log	SCHWARZBECK	VULB 9168	9168-0883	2020.08.24	2021.08.23	<input checked="" type="checkbox"/>
Anechoic Chamber	EMC Electronic Co., Ltd	20.10*11.60*7.35m	N/A	2020.08.24	2021.08.23	<input checked="" type="checkbox"/>
Test Software	BALUN	BL410_E	V19.918	--	--	<input checked="" type="checkbox"/>

Radiated Emission Test For Frequency Below 1 GHz (3 m)						
Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due	Use
EMI Receiver	KEYSIGHT	N9038A	MY53220118	2020.08.24	2021.08.23	<input type="checkbox"/>
Test Antenna-Bi-Log	SCHWARZBECK	VULB 9163	9163-624	2020.08.24	2021.08.23	<input type="checkbox"/>
Anechoic Chamber	YIHENG	9m*6m*6m	N/A	2020.08.24	2021.08.23	<input type="checkbox"/>
Test Software	BALUN	BL410_E	V19.918	--	--	<input type="checkbox"/>

Radiated Emission Test For Frequency Above 1 GHz						
Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due	Use
EMI Receiver	KEYSIGHT	N9038A	MY53220118	2020.08.24	2021.08.23	<input checked="" type="checkbox"/>
Test Antenna-Horn	SCHWARZBECK	BBHA 9120D	9120D-1917	2020.08.24	2021.08.23	<input checked="" type="checkbox"/>
Anechoic Chamber	YIHENG	9m*6m*6m	N/A	2020.08.24	2021.08.23	<input checked="" type="checkbox"/>
Test Software	BALUN	BL410_E	V19.918	--	--	<input checked="" type="checkbox"/>

Radiated Emission Test For Frequency Above 18 GHz						
Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due	Use
EMI Receiver	ROHDE & SCHWARZ	FSV40	101544	2020.02.19	2021.02.18	<input checked="" type="checkbox"/>
Test Antenna-Horn	A-INFOMW	LB-180400KF	J211060273	2019.01.05	2021.01.04	<input checked="" type="checkbox"/>
Anechoic Chamber	YIHENG	9m*6m*6m	N/A	2018.07.18	2021.07.17	<input checked="" type="checkbox"/>
Test Software	BALUN	BL410_E	V19.918	--	--	<input checked="" type="checkbox"/>

Conducted disturbance Test						
Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due	Use
EMI Receiver	KEYSIGHT	N9010B	MY57110309	2020.08.24	2021.08.23	<input checked="" type="checkbox"/>
LISN	SCHWARZBECK	NSLK 8127	8127-687	2020.08.24	2021.08.23	<input checked="" type="checkbox"/>
Shielded Enclosure	YiHeng Electronic Co., Ltd	3.4m*3.1m*2.8m	N/A	2020.08.24	2021.08.23	<input checked="" type="checkbox"/>
Test Software	BALUN	BL410_E	V19.918	--	--	<input checked="" type="checkbox"/>

### 4.3 Test Enclosure list

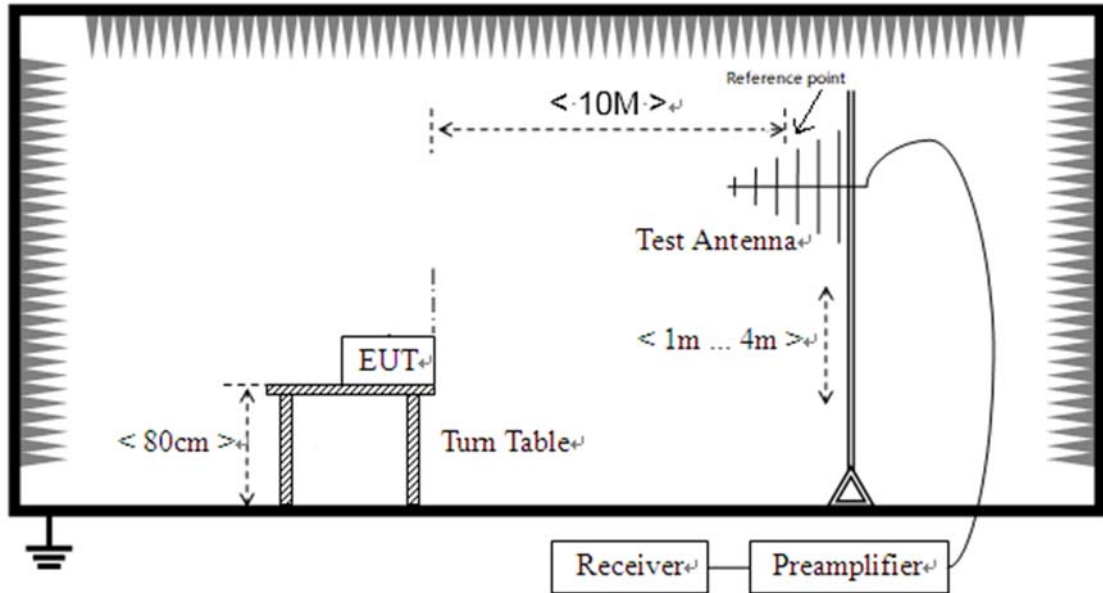
Description	Manufacturer	Model	Serial No.	Length	Description	Use
PC	Dell	015K3N	N/A	N/A	Special Handled	<input type="checkbox"/>
Laptop	Lenovo	N/A	N/A	N/A	N/A	<input checked="" type="checkbox"/>
Printer	HP	DESKJET 1000	N/A	N/A	N/A	<input type="checkbox"/>
Keyboard	Logitech	Y-BP62a	N/A	N/A	N/A	<input type="checkbox"/>
Mouse	Logitech	M100	N/A	N/A	N/A	<input type="checkbox"/>
USB disk	Kingston	N/A	N/A	N/A	N/A	<input type="checkbox"/>
SD Card	Kingston	N/A	N/A	N/A	N/A	<input type="checkbox"/>
VGA Cable	N/A	N/A	N/A	1.5 m	Shielded with core	<input type="checkbox"/>
HDMI Cable	N/A	N/A	N/A	1.5 m	Shielded with core	<input type="checkbox"/>
DVI Cable	N/A	N/A	N/A	1.5 m	Shielded with core	<input type="checkbox"/>
Coaxial video cable	N/A	N/A	N/A	2.0 m	Shielded with core	<input type="checkbox"/>
iPhone	Apple	A1586	N/A	N/A	N/A	<input type="checkbox"/>
Phone	MI	M4	N/A	N/A	N/A	<input type="checkbox"/>
Bluetooth Earphone	SAMSUNG	Gear Circle	N/A	N/A	N/A	<input type="checkbox"/>
Wireless Communication s Test Set	R&S	CMW500	142028	N/A	Cal. Due 2021.06.08	<input type="checkbox"/>
WIFI Router	TP-LINK	TL-WDR7500	N/A	N/A	N/A	<input type="checkbox"/>
Earphone	N/A	OPPO	N/A	1.1 m	N/A	<input type="checkbox"/>
Car Battery	Camel	55530	N/A	N/A	12 V/55 Ah	<input type="checkbox"/>
Artificial load	N/A	N/A	N/A	N/A	2.5 Ω/100 W	<input type="checkbox"/>
Artificial load	N/A	N/A	N/A	N/A	5 Ω/100 W	<input type="checkbox"/>
Electronic Load	ITECH	IT8511	N/A	N/A	N/A	<input type="checkbox"/>
USB Cable	N/A	N/A	N/A	1.5 m	Shielded with core	<input type="checkbox"/>
DC Power Supply	ITECH	IT6863A	60001401068 7210006	N/A	N/A	<input type="checkbox"/>
LCD Monitor	SAMSUNG	UA32C4000P	N/A	N/A	N/A	<input type="checkbox"/>
LCD Monitor	Dell	U241HB	N/A	N/A	N/A	<input type="checkbox"/>
RJ45 Cable	N/A	N/A	N/A	1.5 m	Shielded with core	<input checked="" type="checkbox"/>

## 4.4 Test Configurations

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

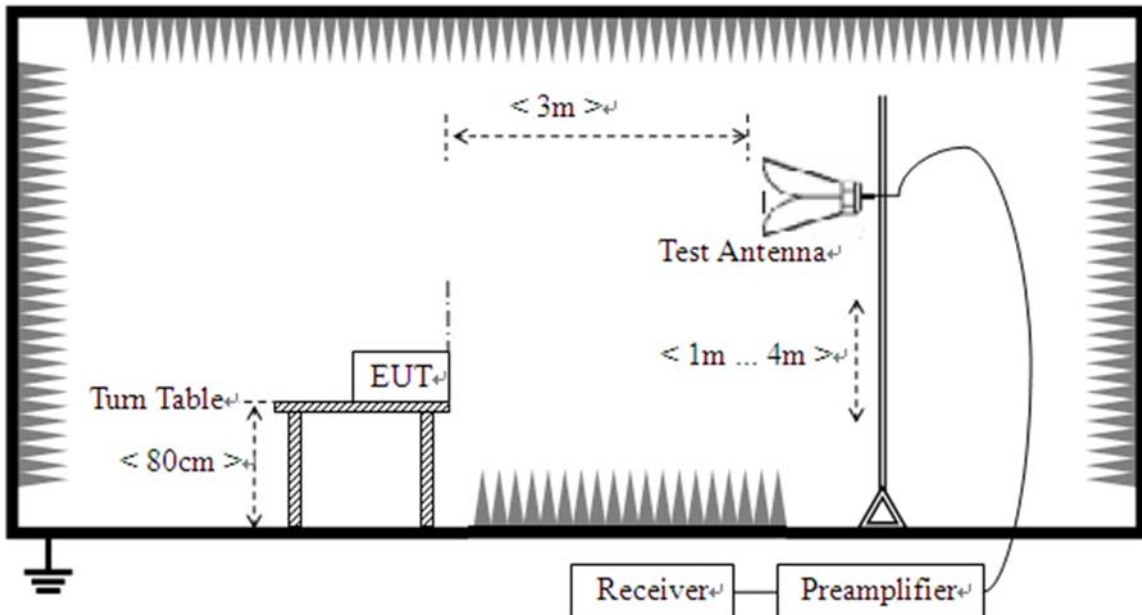
## 4.5 Test Setups

### Test Setup 1



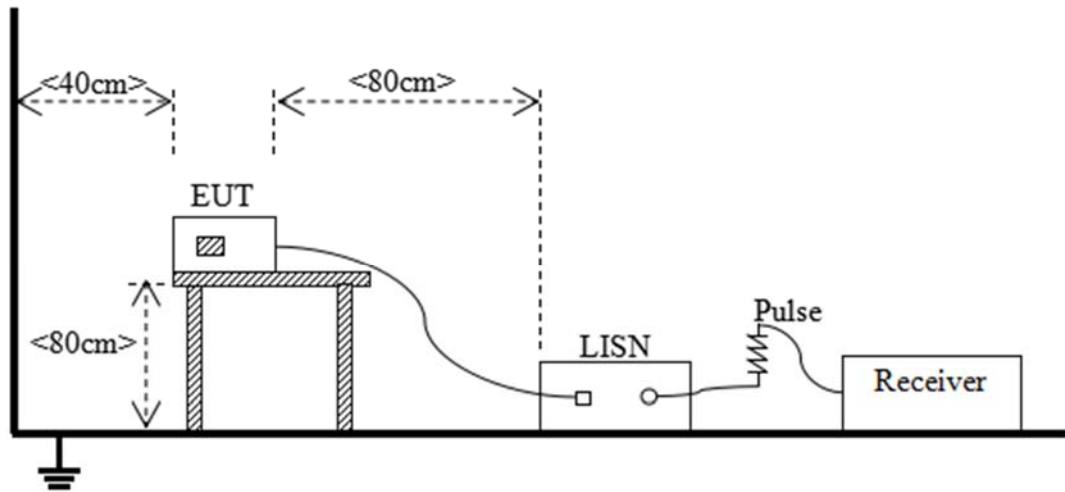
(For Radiated Emission Test (30 MHz-1 GHz))

### Test Setup 2



(For Radiated Emission Test (above 1 GHz))

Test Setup 3



(For Conducted Emission at AC Ports Test)

## 4.6 Test Conditions

Test Case	Test Conditions	
Radiated Emission	Test Env.	NTNV
	Test Setup	Test Setup 1&2
	Test Configuration	TC01 <sup>Note</sup>
Conducted Emission	Test Env.	NTNV
	Test Setup	Test Setup 3
	Test Configuration	TC01 <sup>Note</sup>

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

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 ( $\text{dB}\mu\text{V/m}$ )	Field Strength ( $\text{dB}\mu\text{V/m}$ )	Field Strength ( $\mu\text{V/m}$ )	Field Strength ( $\text{dB}\mu\text{V/m}$ )
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 ( $\text{dB}\mu\text{V/m}$ ) =  $20 \cdot \log$  [Field Strength ( $\mu\text{V/m}$ )].
- 2) In the emission tables above, the tighter limit applies at the band edges.

##### 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

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.

##### 5.1.1.4 Test Result

Please refer to ANNEX A.1.

NOTE:

1. Results ( $\text{dBUV/m}$ ) = Reading ( $\text{dBUV}$ ) + Factor ( $\text{dB/m}$ )

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

2. Factor ( $\text{dB/m}$ ) = Antenna Factor ( $\text{dB/m}$ ) + Cable Factor ( $\text{dB}$ ) – Amplifier Gain ( $\text{dB}$ )

3. Over limit = Results – Limit.



## 5.1.2 Conducted Emission

### 5.1.2.1 Test Limit

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

Frequency range (MHz)	Class B	
	Quasi-peak (dB $\mu$ V)	Average (dB $\mu$ 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.

### 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 EUT is connected to the power mains through a LISN which provides 50  $\Omega$ /50  $\mu$ 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.

### 5.1.2.4 Test Result

Please refer to ANNEX A.2.

**NOTE:**

$$1. \text{ Results (dB}\mu\text{V/m)} = \text{Reading (dB}\mu\text{V)} + \text{Factor (dB/m)}$$

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

$$2. \text{ Factor} = \text{Insertion loss} + \text{Cable loss}$$

$$3. \text{ Over limit} = \text{Results} - \text{Limit.}$$

# ANNEX A TEST RESULTS

## A.1 Radiated Emission

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

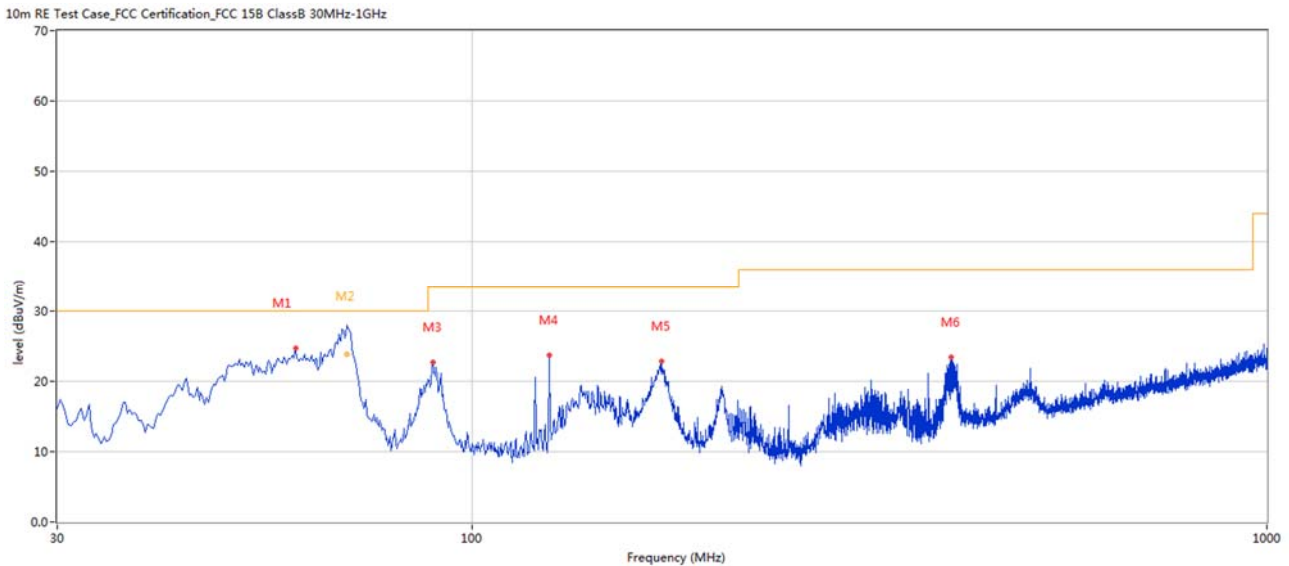
Note 2: For the test data above 1 GHz, according the ANSI C63.4-2014, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

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

### Test Data and Plots

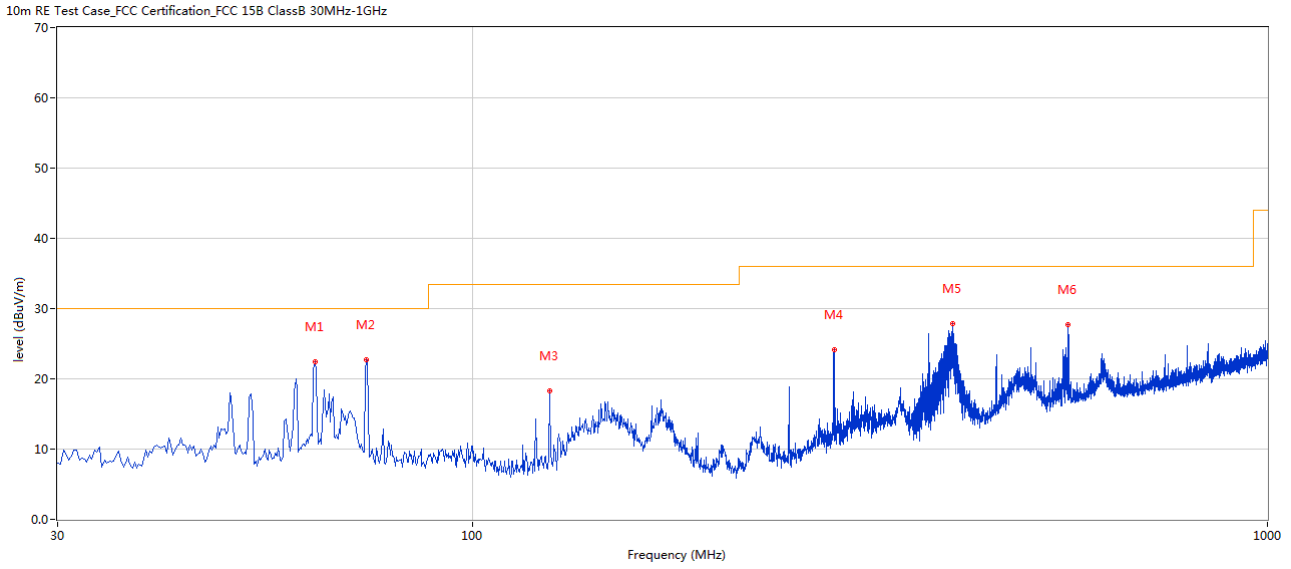
#### The Working Test Mode

##### A.1.1 Test Antenna Vertical, 30 MHz – 1 GHz



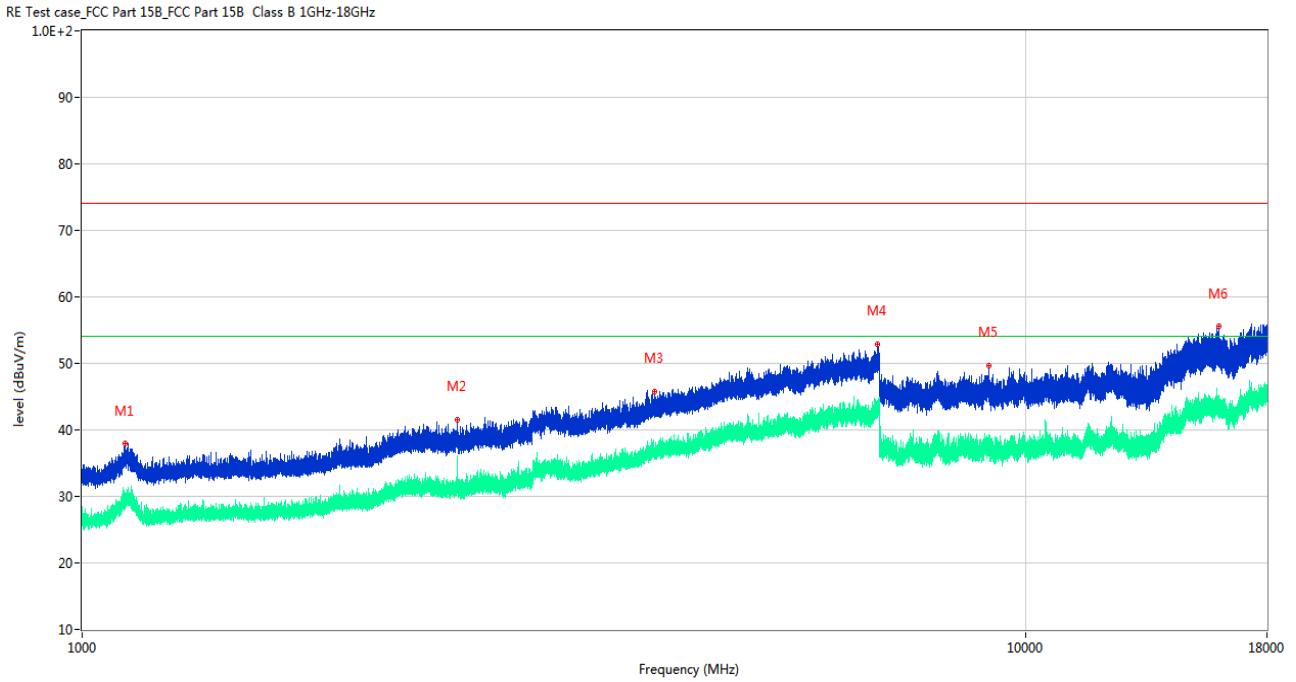
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	59.820	24.76	-27.76	30.0	-5.24	Peak	108.00	200	Vertical	Pass
2	69.547	30.48	-29.65	30.0	0.48	Peak	116.00	153	Vertical	N/A
2*	69.547	23.90	-29.65	30.0	-6.10	QP	116.00	153	Vertical	Pass
3	89.155	22.72	-31.19	33.5	-10.78	Peak	310.00	200	Vertical	Pass
4	124.794	23.77	-27.67	33.5	-9.73	Peak	277.00	100	Vertical	Pass
5	172.797	22.81	-27.09	33.5	-10.69	Peak	131.00	100	Vertical	Pass
6	400.205	23.45	-23.16	36.0	-12.55	Peak	360.00	200	Vertical	Pass

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



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	63.214	22.36	-28.47	30.0	-7.64	Peak	211.00	200	Horizontal	Pass
2	73.397	22.77	-30.42	30.0	-7.23	Peak	144.00	100	Horizontal	Pass
3	124.794	18.27	-27.67	33.5	-15.23	Peak	360.00	100	Horizontal	Pass
4	284.804	24.12	-26.14	36.0	-11.88	Peak	140.00	200	Horizontal	Pass
5	401.417	27.87	-23.11	36.0	-8.13	Peak	150.00	200	Horizontal	Pass
6	561.670	27.71	-19.22	36.0	-8.29	Peak	290.00	100	Horizontal	Pass

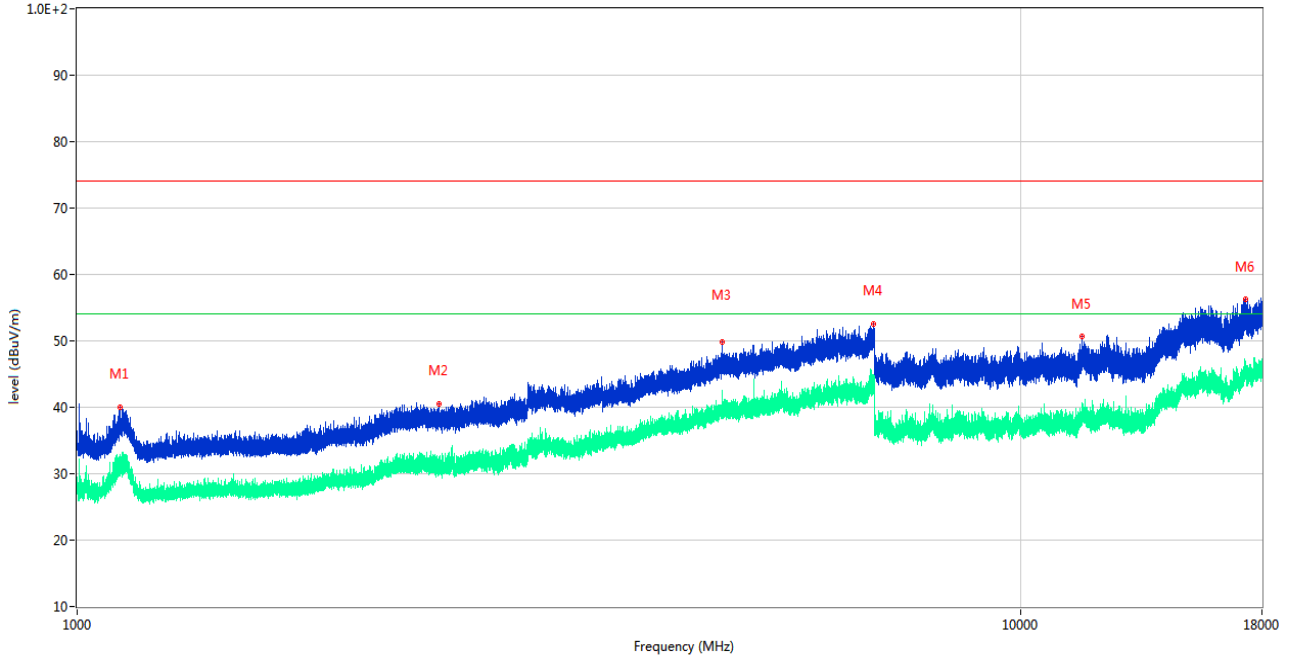
A.1.3 Test Antenna Vertical, 1 GHz – 18 GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1111.100	37.94	-15.14	74.0	-36.06	Peak	32.00	100	Vertical	Pass
1**	1111.100	29.91	-15.14	54.0	-24.09	AV	32.00	100	Vertical	Pass
2	2500.200	41.58	-9.49	74.0	-32.42	Peak	303.00	100	Vertical	Pass
2**	2500.200	33.90	-9.49	54.0	-20.10	AV	303.00	100	Vertical	Pass
3	4041.800	45.78	-3.93	74.0	-28.22	Peak	271.00	100	Vertical	Pass
3**	4041.800	36.77	-3.93	54.0	-17.23	AV	271.00	100	Vertical	Pass
4	6963.200	52.96	4.78	74.0	-21.04	Peak	261.00	100	Vertical	Pass
4**	6963.200	42.57	4.78	54.0	-11.43	AV	261.00	100	Vertical	Pass
5	9125.775	49.59	17.81	74.0	-24.41	Peak	0.00	100	Vertical	Pass
5**	9125.775	38.23	17.81	54.0	-15.77	AV	0.00	100	Vertical	Pass
6	16019.963	55.68	23.97	74.0	-18.32	Peak	31.00	100	Vertical	Pass
6**	16019.963	43.08	23.97	54.0	-10.92	AV	31.00	100	Vertical	Pass

A.1.4 Test Antenna Horizontal, 1 GHz – 18 GHz

RE Test case\_FCC Part 15B\_FCC Part 15B Class B 1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1109.100	40.07	-15.21	74.0	-33.93	Peak	351.00	100	Horizontal	Pass
1**	1109.100	30.67	-15.21	54.0	-23.33	AV	351.00	100	Horizontal	Pass
2	2418.700	40.42	-10.13	74.0	-33.58	Peak	262.00	100	Horizontal	Pass
2**	2418.700	30.90	-10.13	54.0	-23.10	AV	262.00	100	Horizontal	Pass
3	4824.000	49.75	-1.45	74.0	-24.25	Peak	181.00	100	Horizontal	Pass
3**	4824.000	42.55	-1.45	54.0	-11.45	AV	181.00	100	Horizontal	Pass
4	6969.600	52.56	5.13	74.0	-21.44	Peak	277.00	100	Horizontal	Pass
4**	6969.600	43.23	5.13	54.0	-10.77	AV	277.00	100	Horizontal	Pass
5	11605.463	50.71	20.16	74.0	-23.29	Peak	12.00	100	Horizontal	Pass
5**	11605.463	38.32	20.16	54.0	-15.68	AV	12.00	100	Horizontal	Pass
6	17280.487	56.31	24.50	74.0	-17.69	Peak	166.00	100	Horizontal	Pass
6**	17280.487	45.05	24.50	54.0	-8.95	AV	166.00	100	Horizontal	Pass

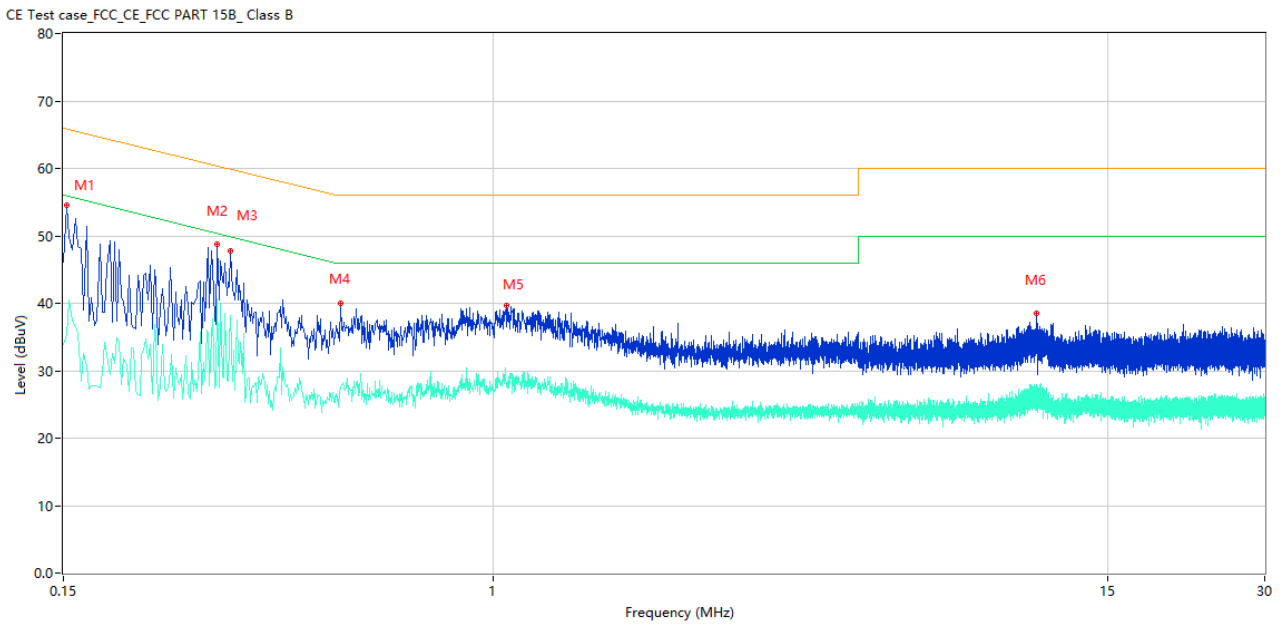
## A.2 Conducted Emission

Note: 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. So, The configuration 120 VAC, 60 Hz and 240 VAC, 50 Hz were tested respectively, but only the worst configuration (240 VAC, 50 Hz) shown here.

### Test Data and Plots

#### The Working Test Mode

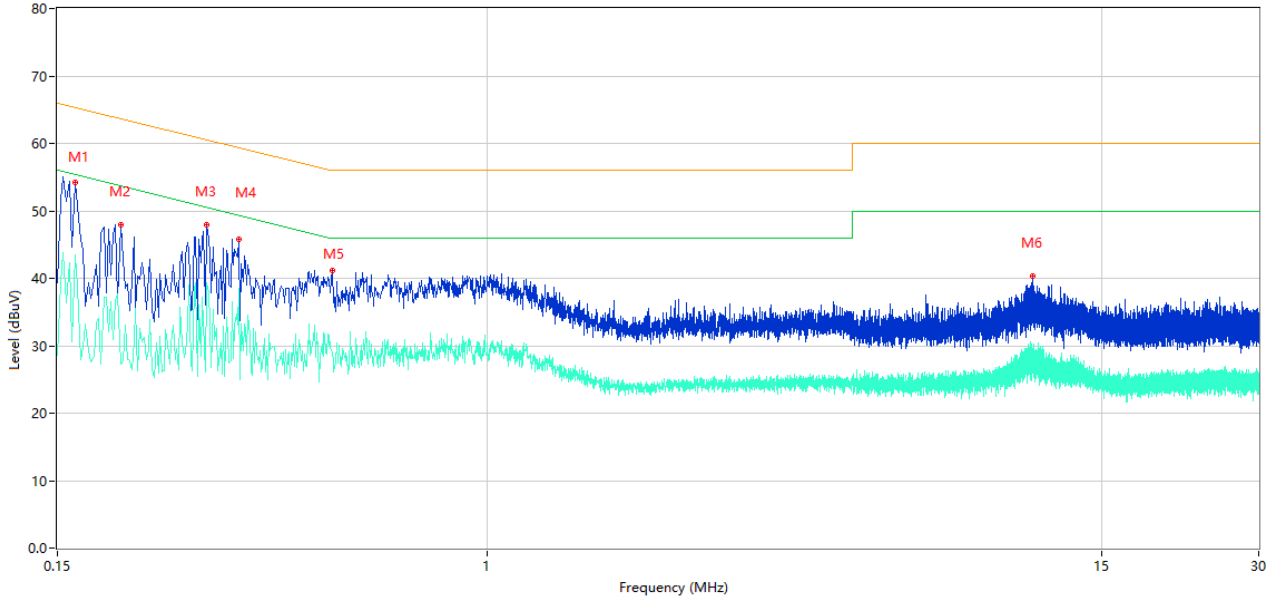
##### A.2.1 L Phase



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.152	54.52	10.41	65.89	-11.37	Peak	L	Pass
1**	0.152	35.38	10.41	55.89	-20.51	AV	L	Pass
2	0.296	48.81	10.33	60.35	-11.54	Peak	L	Pass
2**	0.296	40.59	10.33	50.35	-9.76	AV	L	Pass
3	0.314	47.72	10.33	59.86	-12.14	Peak	L	Pass
3**	0.314	38.23	10.33	49.86	-11.63	AV	L	Pass
4	0.510	39.96	10.30	56.00	-16.04	Peak	L	Pass
4**	0.510	27.63	10.30	46.00	-18.37	AV	L	Pass
5	1.058	39.68	10.23	56.00	-16.32	Peak	L	Pass
5**	1.058	28.20	10.23	46.00	-17.80	AV	L	Pass
6	10.940	38.46	10.37	60.00	-21.54	Peak	L	Pass
6**	10.940	26.73	10.37	50.00	-23.27	AV	L	Pass

A.2.2 N Phase

CE Test case\_FCC\_CE\_FCC PART 15B\_Class B



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.162	54.15	10.40	65.36	-11.21	Peak	N	Pass
1**	0.162	43.40	10.40	55.36	-11.96	AV	N	Pass
2	0.198	48.01	10.38	63.69	-15.68	Peak	N	Pass
2**	0.198	27.27	10.38	53.69	-26.42	AV	N	Pass
3	0.290	47.88	10.34	60.52	-12.64	Peak	N	Pass
3**	0.290	39.38	10.34	50.52	-11.14	AV	N	Pass
4	0.334	45.81	10.33	59.35	-13.54	Peak	N	Pass
4**	0.334	38.59	10.33	49.35	-10.76	AV	N	Pass
5	0.504	41.10	10.30	56.00	-14.90	Peak	N	Pass
5**	0.504	29.11	10.30	46.00	-16.89	AV	N	Pass
6	11.058	40.34	10.38	60.00	-19.66	Peak	N	Pass
6**	11.058	29.64	10.38	50.00	-20.36	AV	N	Pass

## **ANNEX B TEST SETUP PHOTOS**

Please refer the document "BL-SZ2070809-AE.PDF".

## **ANNEX C EUT EXTERNAL PHOTOS**

Please refer the document "BL-SZ2070809-AW.PDF".

## **ANNEX D EUT INTERNAL PHOTOS**

Please refer the document "BL-SZ2070809-AI.PDF".

--END OF REPORT--