



# FCC Test Report

APPLICANT : Gosuncn Technology Group Co., Ltd.  
EQUIPMENT : LTE Module  
BRAND NAME : GOSUNCN  
MODEL NAME : GM500-U1G  
FCC ID : 2APNR-GM500U1G1  
STANDARD : 47 CFR Part 15 Subpart B  
CLASSIFICATION : Certification  
TEST DATE(S) : Aug. 09, 2022 ~ Aug. 12, 2022

We, Sporton International Inc. (Shenzhen), would like to declare that the tested sample has been evaluated in accordance with the test procedures given in ANSI C63.4-2014 and has been in compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of Sporton International Inc. (Shenzhen), the test report shall not be reproduced except in full.

Jason Jia



Approved by: Jason Jia

**Sporton International Inc. (ShenZhen)**

**1/F, 2/F, Bldg 5, Shiling Industrial Zone, Xinwei Village, Xili, Nanshan, Shenzhen, 518055**

**People's Republic of China**



# TABLE OF CONTENTS

**REVISION HISTORY ..... 3**

**SUMMARY OF TEST RESULT ..... 4**

**1. GENERAL DESCRIPTION ..... 5**

    1.1. Applicant..... 5

    1.2. Manufacturer ..... 5

    1.3. Product Feature of Equipment Under Test ..... 5

    1.4. Product Specification of Equipment Under Test ..... 6

    1.5. Modification of EUT ..... 6

    1.6. Test Location ..... 7

    1.7. Test Software ..... 7

    1.8. Applicable Standards ..... 7

**2. TEST CONFIGURATION OF EQUIPMENT UNDER TEST ..... 8**

    2.1. Test Mode ..... 8

    2.2. Connection Diagram of Test System ..... 9

    2.3. Support Unit used in test configuration and system ..... 9

    2.4. EUT Operation Test Setup ..... 9

**3. TEST RESULT ..... 10**

    3.1. Test of AC Conducted Emission Measurement ..... 10

    3.2. Test of Radiated Emission Measurement ..... 14

**4. LIST OF MEASURING EQUIPMENT ..... 19**

**5. UNCERTAINTY OF EVALUATION ..... 20**

**APPENDIX A. SETUP PHOTOGRAPHS**





### SUMMARY OF TEST RESULT

Report Section	FCC Rule	Description	Limit	Result	Remark
3.1	15.107	AC Conducted Emission	< 15.107 limits	PASS	Under limit 12.31 dB at 0.150 MHz
3.2	15.109	Radiated Emission	< 15.109 limits	PASS	Under limit 11.39 dB at 30.000 MHz

**Declaration of Conformity:**

The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.

**Comments and Explanations:**

The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.



# 1. General Description

## 1.1. Applicant

**Gosuncn Technology Group Co., Ltd.**

6F, 2819 KaiChuang Blvd., Science Town, Huangpu District, Guangzhou City, Guangdong, China.

## 1.2. Manufacturer

**Gosuncn Technology Group Co., Ltd.**

6F, 2819 KaiChuang Blvd., Science Town, Huangpu District, Guangzhou City, Guangdong, China.

## 1.3. Product Feature of Equipment Under Test

Product Feature	
Equipment	LTE Module
Brand Name	GOSUNCN
Model Name	GM500-U1G
FCC ID	2APNR-GM500U1G1
EUT supports Radios application	WCDMA/LTE
IMEI Code	Conduction: 863175050000963 Radiation: 863175050001342
HW Version	GM500-U1G.H01
SW Version	GM500U1GV1.0B01
EUT Stage	Identical Prototype

**Remark:** The above EUT's information was declared by manufacturer. Please refer to the specifications or user's manual for more detailed description.

### 1.4. Product Specification of Equipment Under Test

Standards-related Product Specification	
<b>Tx Frequency</b>	WCDMA Band II: 1850 MHz ~ 1910 MHz WCDMA Band IV : 1710 MHz ~ 1755 MHz WCDMA Band V: 824 MHz ~ 849 MHz LTE Band 2 : 1850 MHz ~ 1910 MHz LTE Band 4 : 1710 MHz ~ 1755 MHz LTE Band 5 : 824 MHz ~ 849 MHz LTE Band 12 : 699 MHz ~ 716 MHz LTE Band 13 : 777 MHz ~ 787 MHz LTE Band 25 : 1850 MHz ~ 1915 MHz LTE Band 26 : 814 MHz ~ 849 MHz LTE Band 66 : 1710 MHz ~ 1780 MHz
<b>Rx Frequency</b>	WCDMA Band II: 1930 MHz ~ 1990 MHz WCDMA Band IV : 2110 MHz ~ 2155 MHz WCDMA Band V: 869 MHz ~ 894 MHz LTE Band 2 : 1930 MHz ~ 1990 MHz LTE Band 4 : 2110 MHz ~ 2155 MHz LTE Band 5 : 869 MHz ~ 894 MHz LTE Band 12 : 729 MHz ~ 746 MHz LTE Band 13 : 746 MHz ~ 756 MHz LTE Band 25 : 1930 MHz ~ 1995 MHz LTE Band 26 : 859 MHz ~ 894 MHz LTE Band 66 : 2110 MHz~ 2180 MHz
<b>Antenna Type</b>	WWAN : Fixed External Antenna
<b>Type of Modulation</b>	WCDMA : BPSK HSDPA/DC-HSDPA : QPSK HSUPA : QPSK HSPA+ : 16QAM (uplink is not supported) DC-HSDPA : 64QAM LTE: QPSK / 16QAM / 64QAM (Downlink only)

### 1.5. Modification of EUT

No modifications are made to the EUT during all test items.



### 1.6. Test Location

Sporton International Inc. (Shenzhen) is accredited to ISO/IEC 17025:2017 by American Association for Laboratory Accreditation with Certificate Number 5145.01.

<b>Test Firm</b>	Sporton International Inc. (Shenzhen)		
<b>Test Site Location</b>	1/F, 2/F, Bldg 5, Shiling Industrial Zone, Xinwei Village, Xili, Nanshan, Shenzhen, 518055 People's Republic of China TEL: +86-755-86379589 FAX: +86-755-86379595		
<b>Test Site No.</b>	<b>Sporton Site No.</b>	<b>FCC Designation No.</b>	<b>FCC Test Firm Registration No.</b>
	CO01-SZ	CN1256	421272

<b>Test Firm</b>	Sporton International Inc. (Shenzhen)		
<b>Test Site Location</b>	101, 1st Floor, Block B, Building 1, No. 2, Tengfeng 4th Road, Fenghuang Community, Fuyong Street, Baoan District, Shenzhen City Guangdong Province China 518103 TEL: +86-755-33202398		
<b>Test Site No.</b>	<b>Sporton Site No.</b>	<b>FCC Designation No.</b>	<b>FCC Test Firm Registration No.</b>
	03CH04-SZ	CN1256	421272

### 1.7. Test Software

Item	Site	Manufacturer	Name	Version
1.	03CH04-SZ	AUDIX	E3	6.2009-8-24
2.	CO01-SZ	AUDIX	E3	6.120613b

### 1.8. Applicable Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- 47 CFR Part 15 Subpart B
- ANSI C63.4-2014

**Remark:** All test items were verified and recorded according to the standards and without any deviation during the test.



## 2. Test Configuration of Equipment Under Test

### 2.1. Test Mode

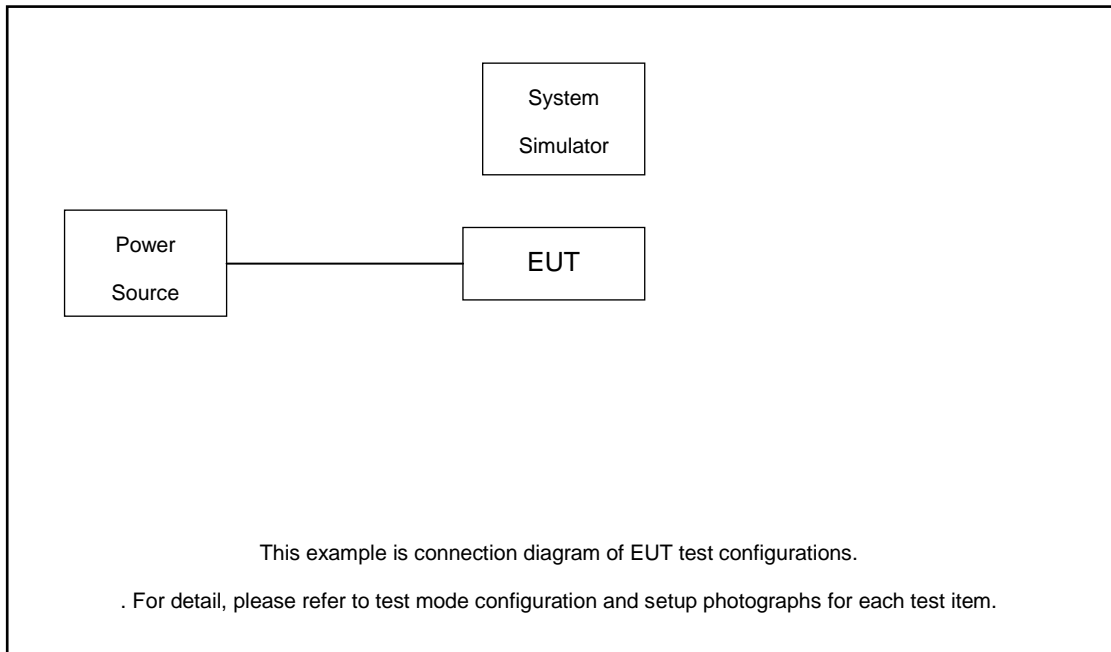
The EUT has been associated with peripherals pursuant to ANSI C63.4-2014 and configuration operated in a manner tended to maximize its emission characteristics in a typical application.

Frequency range investigated: conduction emission (150 kHz to 30 MHz), radiation emission (30MHz to the 5th harmonic of the highest frequency or to 40 GHz, whichever is lower).

Test Items	Function Type
AC Conducted Emission	Mode 1: WCDMA Band V Idle(Middle) + Adapter
	Mode 2: LTE Band 12 Idle(High) + Adapter
	Mode 3: LTE Band 13 Idle(Low) + Adapter
	Mode 4: LTE Band 26 Idle(Middle) + Adapter
Radiated Emissions	Mode 1: WCDMA Band V Idle(Middle) + Adapter
	Mode 2: LTE Band 12 Idle(High) + Adapter
	Mode 3: LTE Band 13 Idle(Low) + Adapter
	Mode 4: LTE Band 26 Idle(Middle) + Adapter
<b>Remark:</b>	
1. The worst case of AC is mode 1; only the test data of this mode is reported.	
2. The worst case of RE is mode 1; only the test data of this mode is reported.	
3. Pre-scanned Low/Middle/High channel, the worst channel was recorded in this report.	



## 2.2. Connection Diagram of Test System



The EUT has been associated with peripherals pursuant to ANSI C63.4-2014 and configuration operated in a manner tended to maximize its emission characteristics in a typical application

## 2.3. Support Unit used in test configuration and system

Item	Equipment	Trade Name	Model Name	FCC ID	Data Cable	Power Cord
1.	Base Station	Anritsu	MT8820C	N/A	N/A	Unshielded, 1.8m
2.	WWAN Antenna	N/A	N/A	N/A	N/A	N/A
3.	Adapter	N/A	N/A	N/A	N/A	N/A
4.	Test Jig	N/A	N/A	N/A	N/A	N/A

## 2.4. EUT Operation Test Setup

The EUT was in WCDMA or LTE idle mode during the testing. The EUT was synchronized to the BCCH, and is in continuous receiving mode by setting system simulator's paging reorganization.



### 3. Test Result

#### 3.1. Test of AC Conducted Emission Measurement

##### 3.1.1 Limits of AC Conducted Emission

For equipment that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies within the band 150 kHz to 30 MHz shall not exceed the limits in the following table.

<Class B Limit>

Frequency of emission (MHz)	Conducted limit (dBuV)	
	Quasi-peak	Average
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5-30	60	50

\*Decreases with the logarithm of the frequency.

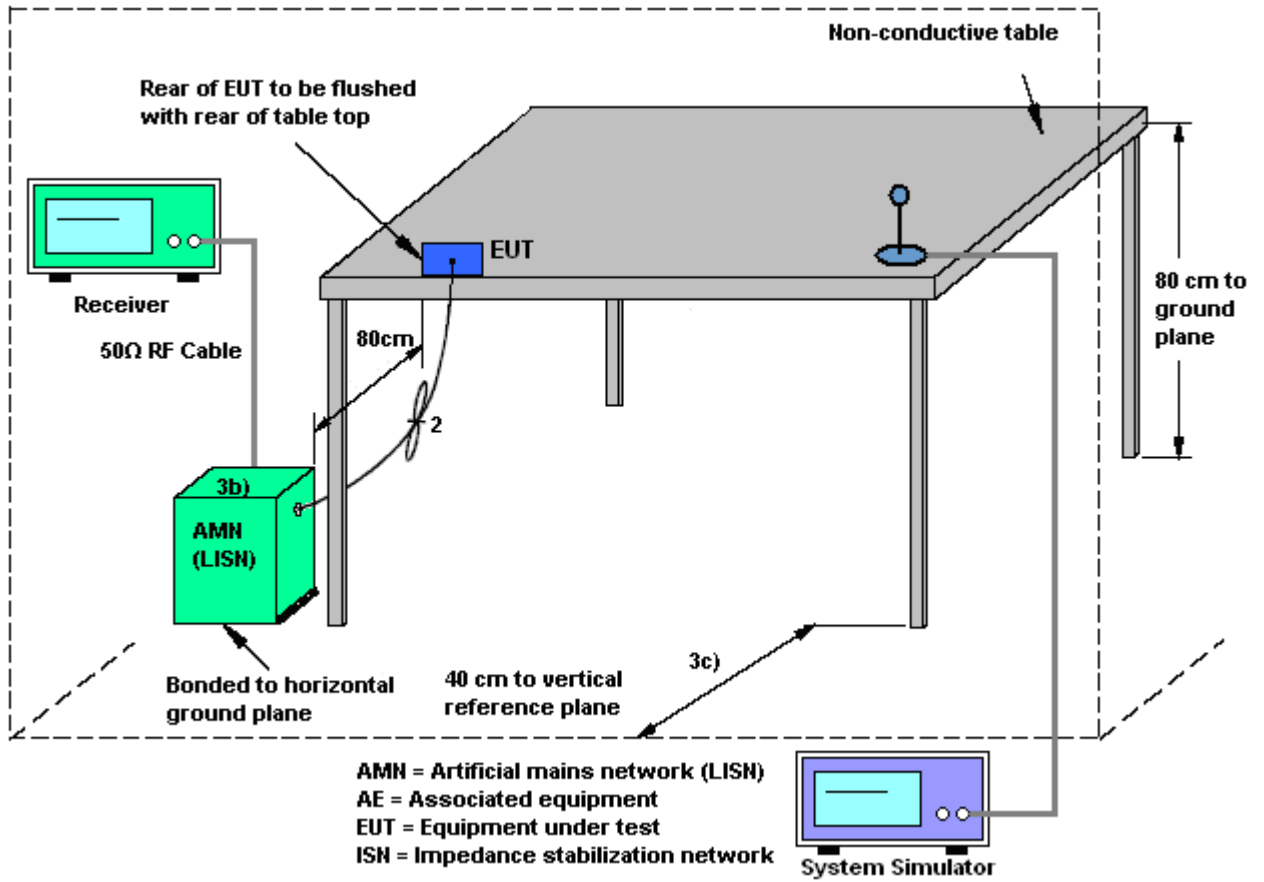
##### 3.1.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

##### 3.1.3 Test Procedure

1. The EUT was placed 0.4 meter from the conducting wall of the shielding room was kept at least 80 centimeters from any other grounded conducting surface.
2. Connect EUT to the power mains through a line impedance stabilization network (LISN).
3. All the support units are connecting to the other LISN.
4. The LISN provides 50 ohm coupling impedance for the measuring instrument.
5. The FCC states that a 50 ohm, 50 microhenry LISN should be used.
6. Both sides of AC line were checked for maximum conducted interference.
7. The frequency range from 150 kHz to 30 MHz was searched.
8. Set the test-receiver system to Peak Detect Function and specified bandwidth (IF Bandwidth = 9kHz) with Maximum Hold Mode. Then measurement is also conducted by Average Detector and Quasi-Peak Detector Function respectively.

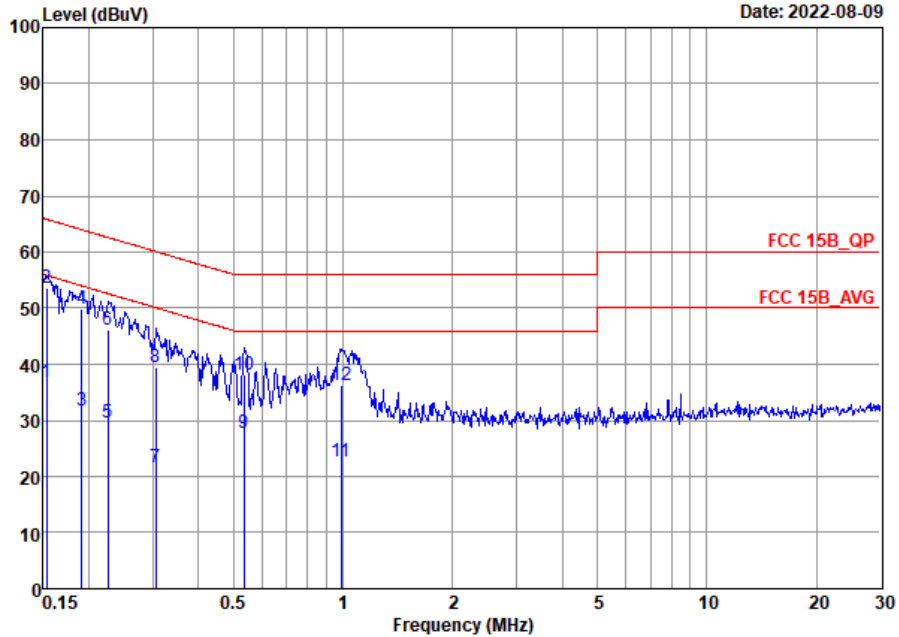
### 3.1.4 Test Setup





3.1.5 Test Result of AC Conducted Emission

Test Engineer :	Lily Wang	Temperature :	22~25°C
		Relative Humidity :	50~55%
Test Voltage :	120Vac / 60Hz	Phase :	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		

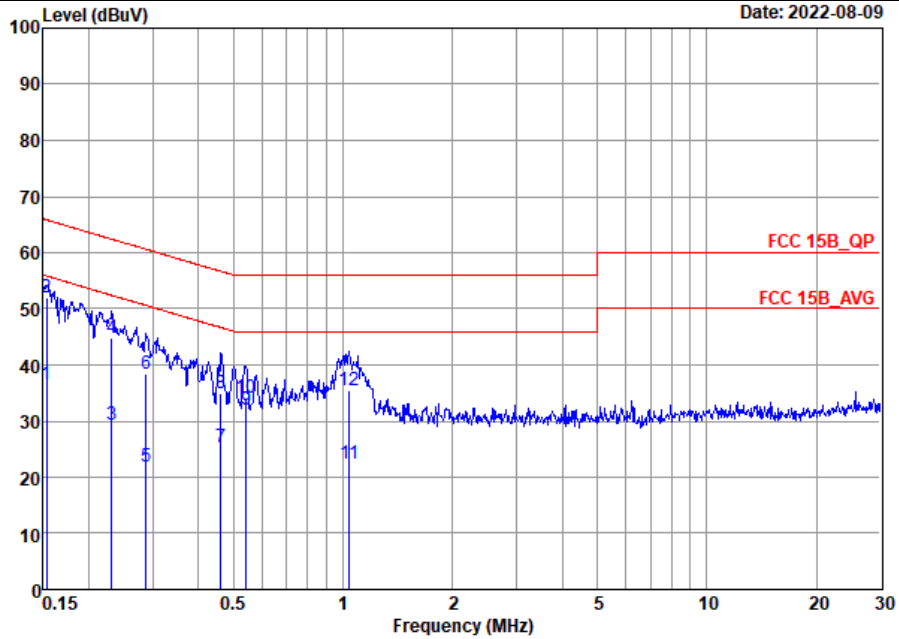


Site : CO01-SZ  
 Condition: FCC 15B\_QP LISN\_20210901\_L LINE

	Freq	Level	Over	Limit	Read	LISN	Cable	
	MHz	dBuV	Limit	Line	Level	Factor	Loss	Remark
			dB	dBuV	dBuV	dB	dB	
1	0.15	36.71	-19.11	55.82	15.70	10.20	10.81	Average
2 *	0.15	53.51	-12.31	65.82	32.50	10.20	10.81	QP
3	0.19	31.85	-22.13	53.98	11.40	10.20	10.25	Average
4	0.19	49.95	-14.03	63.98	29.50	10.20	10.25	QP
5	0.23	29.57	-23.04	52.61	9.00	10.19	10.38	Average
6	0.23	46.07	-16.54	62.61	25.50	10.19	10.38	QP
7	0.31	21.69	-28.41	50.10	0.60	10.15	10.94	Average
8	0.31	39.39	-20.71	60.10	18.30	10.15	10.94	QP
9	0.53	27.70	-18.30	46.00	5.90	10.11	11.69	Average
10	0.53	38.20	-17.80	56.00	16.40	10.11	11.69	QP
11	0.99	22.59	-23.41	46.00	2.20	10.12	10.27	Average
12	0.99	36.19	-19.81	56.00	15.80	10.12	10.27	QP



Test Engineer :	Lily Wang	Temperature :	22~25°C
		Relative Humidity :	50~55%
Test Voltage :	120Vac / 60Hz	Phase :	Neutral
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Site : C001-SZ  
 Condition: FCC 15B QP LISN\_20210901\_N NEUTRAL

	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.15	36.42	-19.40	55.82	15.30	10.31	10.81	Average
2 *	0.15	52.02	-13.80	65.82	30.90	10.31	10.81	QP
3	0.23	29.28	-23.11	52.39	8.60	10.26	10.42	Average
4	0.23	44.88	-17.51	62.39	24.20	10.26	10.42	QP
5	0.29	21.75	-28.84	50.59	0.70	10.22	10.83	Average
6	0.29	38.35	-22.24	60.59	17.30	10.22	10.83	QP
7	0.46	25.30	-21.37	46.67	3.40	10.19	11.71	Average
8	0.46	34.90	-21.77	56.67	13.00	10.19	11.71	QP
9	0.54	31.88	-14.12	46.00	10.00	10.21	11.67	Average
10	0.54	34.08	-21.92	56.00	12.20	10.21	11.67	QP
11	1.04	22.46	-23.54	46.00	2.00	10.23	10.23	Average
12	1.04	35.36	-20.64	56.00	14.90	10.23	10.23	QP

Note:

- Level(dBμV) = Read Level(dBμV) + LISN Factor(dB) + Cable Loss(dB)
- Over Limit(dB) = Level(dBμV) – Limit Line(dBμV)



### 3.2. Test of Radiated Emission Measurement

#### 3.2.1. Limit of Radiated Emission

The emissions from an unintentional radiator shall not exceed the field strength levels specified in the following table:

<Class B Limit>

Frequency (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
30 – 88	100	3
88 – 216	150	3
216 - 960	200	3
Above 960	500	3

#### 3.2.2. Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

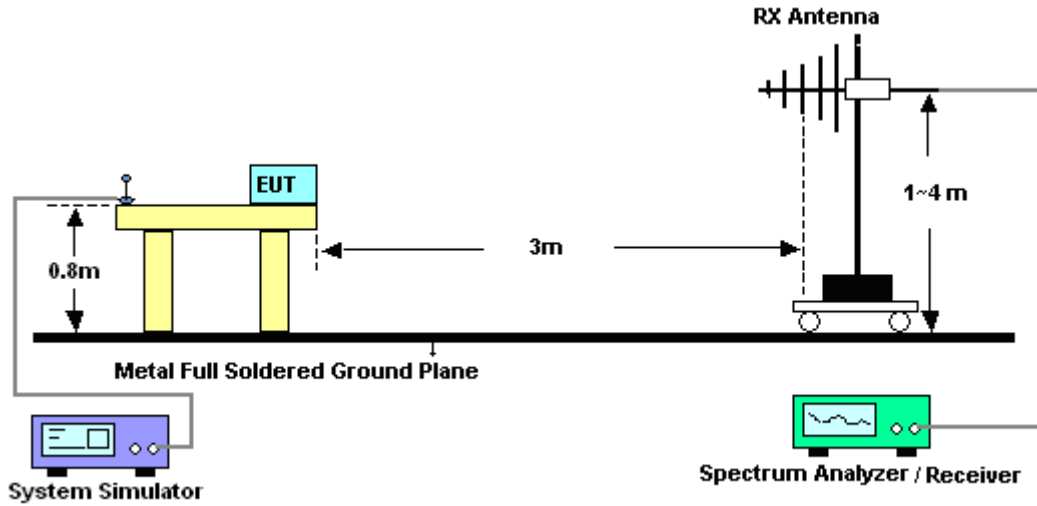


### **3.2.3. Test Procedures**

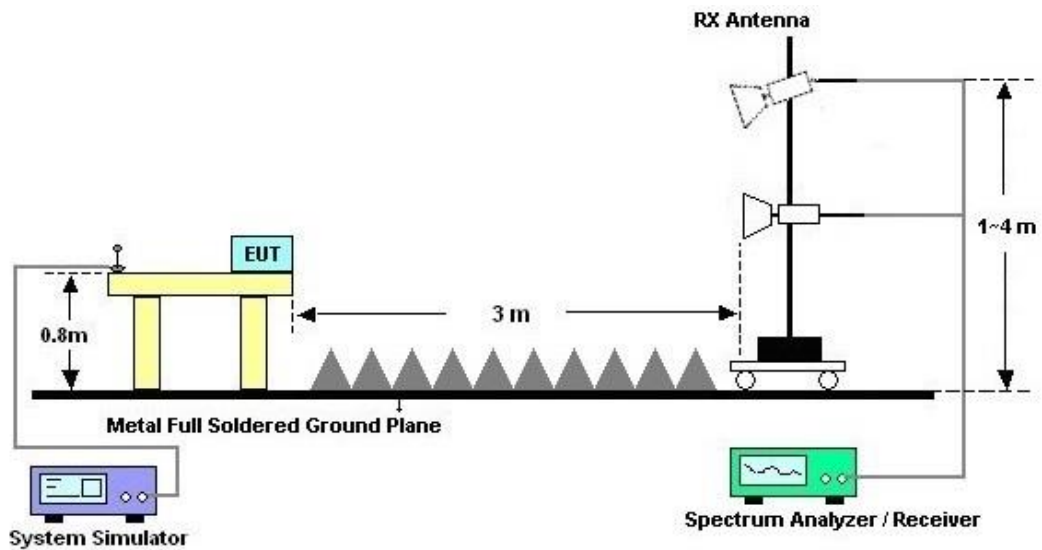
1. The EUT was placed on a turntable with 0.8 meter above ground.
2. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
3. The table was rotated 360 degrees to determine the position of the highest radiation.
4. The antenna is a Bi-Log antenna and its height is adjusted between one to four meters above ground to find the maximum value of the field strength for both horizontal polarization and vertical polarization of the antenna.
5. For each suspected emission, the EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading.
6. Set the test-receiver system to Peak Detect Function and specified bandwidth with Maximum Hold Mode (RBW=120kHz/VBW=300kHz for frequency below 1GHz; RBW=1MHz VBW=3MHz (Peak), RBW=1MHz/VBW=10Hz (Average) for frequency above 1GHz).
7. If the emission level of the EUT in peak mode was 3 dB lower than the limit specified, peak values of EUT will be reported. Otherwise, the emission will be repeated by using the quasi-peak method and reported.
8. Emission level (dB $\mu$ V/m) = 20 log Emission level ( $\mu$ V/m)
9. Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level
10. Exploratory radiated emissions testing of handheld and/or body-worn devices shall include rotation of the EUT through three orthogonal axes (X/Y/Z Plane) to determine the orientation (attitude) that maximizes the emissions.

### 3.2.4. Test Setup of Radiated Emission

For radiated emissions from 30MHz to 1GHz



For radiated emissions above 1GHz

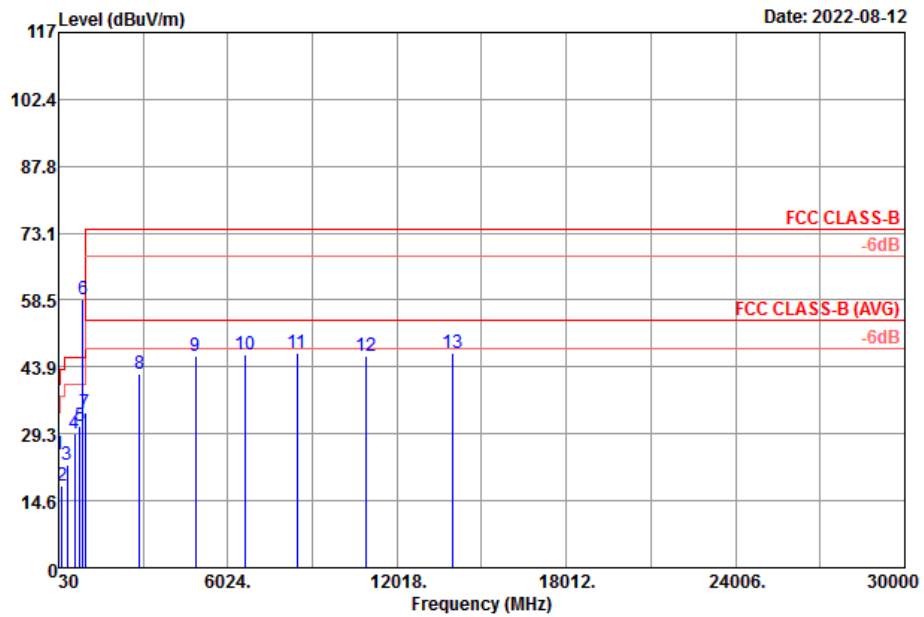






3.2.5. Test Result of Radiated Emission

Test Engineer :	Kuang Jia	Temperature :	24~25°C
		Relative Humidity :	48~49%
Test Distance :	3m	Polarization :	Horizontal
Remark :	#6 is system simulator signal which can be ignored.		

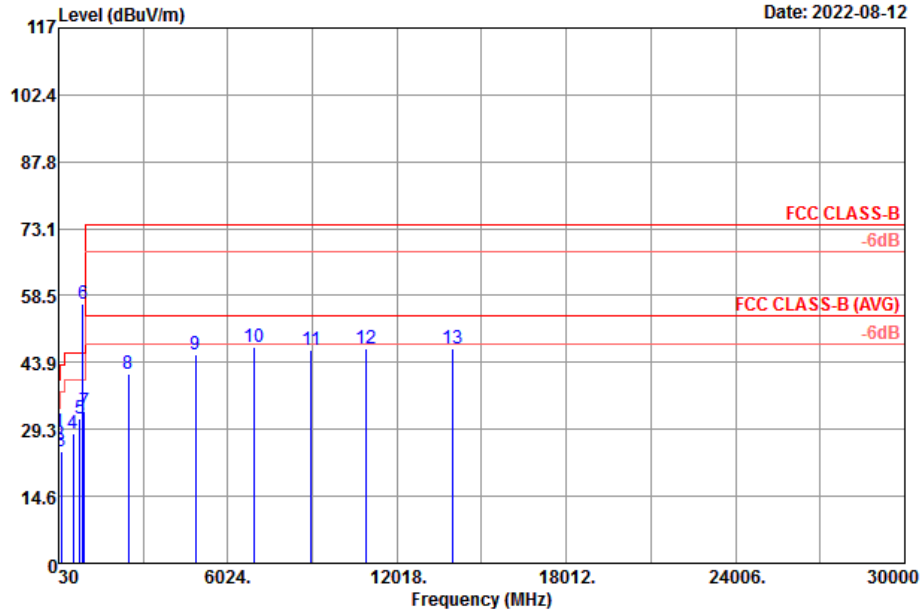


Site : 03CH04-SZ  
 Condition : FCC CLASS-B 3m LF\_ANT\_41909\_22 HORIZONTAL

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	30.00	24.77	-15.23	40.00	30.78	25.86	0.53	32.40	---	---	Peak
2	136.70	17.84	-25.66	43.50	31.46	17.38	1.20	32.20	---	---	Peak
3	346.22	22.61	-23.39	46.00	31.79	20.55	1.97	31.70	---	---	Peak
4	595.51	29.21	-16.79	46.00	31.04	26.34	2.55	30.72	---	---	Peak
5	773.99	30.85	-15.15	46.00	30.47	28.70	2.89	31.21	---	---	Peak
6 *	881.40	58.69			57.89	29.14	3.12	31.46	---	---	Peak
7	959.26	33.97	-12.03	46.00	31.17	30.96	3.25	31.41	---	---	Peak
8	2896.00	42.45	-31.55	74.00	41.68	28.22	5.88	33.33	---	---	Peak
9	4872.00	46.20	-27.80	74.00	38.49	31.67	8.76	32.72	---	---	Peak
10	6614.00	46.62	-27.38	74.00	34.46	34.97	11.14	33.95	---	---	Peak
11	8468.00	46.88	-27.12	74.00	33.25	37.09	10.78	34.24	---	---	Peak
12	10928.00	46.15	-27.85	74.00	28.69	39.80	12.48	34.82	---	---	Peak
13	13976.00	46.96	-27.04	74.00	25.43	41.54	13.87	33.88	---	---	Peak



Test Engineer :	Kuang Jia	Temperature :	24~25°C
		Relative Humidity :	48~49%
Test Distance :	3m	Polarization :	Vertical
Remark :	#6 is system simulator signal which can be ignored.		



Site : 03CH04-SZ  
 Condition : FCC CLASS-B 3m LF\_ANT\_41909\_22 VERTICAL

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	30.00	28.61	-11.39	40.00	34.62	25.86	0.53	32.40	---	---	Peak
2	47.46	26.02	-13.98	40.00	41.84	15.90	0.68	32.40	---	---	Peak
3	126.03	24.32	-19.18	43.50	37.73	17.64	1.15	32.20	---	---	Peak
4	534.40	28.37	-17.63	46.00	31.53	25.41	2.42	30.99	---	---	Peak
5	793.39	31.77	-14.23	46.00	31.28	28.84	2.93	31.28	---	---	Peak
6 *	881.40	56.71			55.91	29.14	3.12	31.46	---	---	Peak
7	941.80	33.21	-12.79	46.00	30.63	30.86	3.22	31.50	---	---	Peak
8	2488.00	41.54	-32.46	74.00	41.94	27.86	5.46	33.72	---	---	Peak
9	4874.00	45.71	-28.29	74.00	38.00	31.67	8.76	32.72	---	---	Peak
10	6946.00	47.16	-26.84	74.00	35.47	35.77	10.24	34.32	---	---	Peak
11	8984.00	46.71	-27.29	74.00	32.70	37.20	11.07	34.26	---	---	Peak
12	10938.00	47.08	-26.92	74.00	29.60	39.81	12.48	34.81	---	---	Peak
13	13958.00	46.78	-27.22	74.00	25.31	41.50	13.86	33.89	---	---	Peak

Note:

- Level(dBμV/m) = Read Level(dBμV) + Antenna Factor(dB/m) + Cable Loss(dB) - Preamp Factor(dB)
- Over Limit(dB) = Level(dBμV/m) – Limit Line(dBμV/m)



### 4. List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
EMI Receiver	R&S	ESR7	101630	9kHz~7GHz;	Sep. 01, 2021	Aug. 09, 2022	Aug. 31, 2022	Conduction (CO01-SZ)
AC LISN	R&S	ENV216	100063	9kHz~30MHz	Sep. 01, 2021	Aug. 09, 2022	Aug. 31, 2022	Conduction (CO01-SZ)
AC LISN (for auxiliary equipment)	EMCO	3816/2SH	00103892	9kHz~30MHz	Oct. 29, 2021	Aug. 09, 2022	Oct. 28, 2022	Conduction (CO01-SZ)
AC Power Source	Chroma	61602	616020000891	100Vac~250Vac	Jul. 13, 2022	Aug. 09, 2022	Jul. 12, 2023	Conduction (CO01-SZ)
EMI Test Receiver	R&S	ESR7	101404	9kHz~7GHz	Oct. 22, 2021	Aug. 12, 2022	Oct. 21, 2022	Radiation (03CH04-SZ)
EXA Spectrum Analyzer	KEYSIGHT	N9010A	MY55150213	10Hz~44GHz	Jul. 07, 2022	Aug. 12, 2022	Jul. 06, 2023	Radiation (03CH04-SZ)
Bilog Antenna	TeseQ	CBL6111D	41909	30MHz~1GHz	Oct. 22, 2021	Aug. 12, 2022	Oct. 21, 2022	Radiation (03CH04-SZ)
LF Amplifier	Burgeon	BPA-530	102211	0.01Hz~3000MHz	Oct. 22, 2021	Aug. 12, 2022	Oct. 21, 2022	Radiation (03CH04-SZ)
Double Ridge Horn Antenna	SCHWARZBECK	BBHA9120D	9120D-1474	1GHz~18GHz	Jul. 07, 2022	Aug. 12, 2022	Jul. 06, 2023	Radiation (03CH04-SZ)
HF Amplifier	MITEQ	AMF-7D-00101800-30-10P-R	1943528	1GHz~18GHz	Oct. 22, 2021	Aug. 12, 2022	Oct. 21, 2022	Radiation (03CH04-SZ)
HF Amplifier	MITEQ	TTA1840-35-HG	1871923	18GHz~40GHz	Oct. 22, 2021	Aug. 12, 2022	Oct. 21, 2022	Radiation (03CH04-SZ)
Horn Antenna	SCHWARZBECK	BBHA9170	9170#679	15GHz~40GHz	Jul. 07, 2022	Aug. 12, 2022	Jul. 06, 2023	Radiation (03CH04-SZ)
AC Power Source	Chroma	61601	N/A	N/A	NCR	Aug. 12, 2022	NCR	Radiation (03CH04-SZ)
Turn Table	EM	EM1000	N/A	0~360 degree	NCR	Aug. 12, 2022	NCR	Radiation (03CH04-SZ)
Antenna Mast	EM	EM1000	N/A	1 m~4 m	NCR	Aug. 12, 2022	NCR	Radiation (03CH04-SZ)

NCR: No Calibration Required



## 5. Uncertainty of Evaluation

### Uncertainty of Conducted Emission Measurement (150 kHz ~ 30 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ )	2.2dB
---	-------

### Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ )	5.1dB
---	-------

### Uncertainty of Radiated Emission Measurement (1000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ )	4.8dB
---	-------

### Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ )	5.1dB
---	-------

## Appendix A. Setup Photographs

### <Conducted Emission>

#### Mode 1



<Radiated Emission>

Mode 1

LF



HF

