

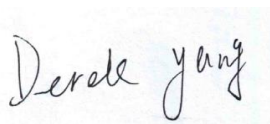
## TEST REPORT

**Application No:** AR/2020/80005  
**Applicant:** Xiaomi Communications Co., Ltd.  
**Address of Applicant:** #019, 9th Floor, Building 6, 33 Xi'erqi Middle Road, Haidian District, Beijing, China, 100085  
**Manufacturer:** Xiaomi Communications Co., Ltd.  
**Address of Manufacturer:** #019, 9th Floor, Building 6, 33 Xi'erqi Middle Road, Haidian District, Beijing, China, 100085  
**EUT Description:** Mobile Phone  
**Model No.:** M2007J22G  
**Trade Mark:** Redmi  
**FCC ID:** 2AFZZJ22G  
**Standard(s) :** 47 CFR Part 15, Subpart B  
**Date of Receipt:** 2020/9/16  
**Date of Test:** 2020/9/16 to 2020/10/10  
**Date of Issue:** 2020/10/15

<b>Test Result:</b>	<b>Pass*</b>
---------------------	--------------

\* In the configuration tested, the EUT complied with the standards specified above.

Authorized Signature:



Derek Yang

Wireless Laboratory Manager

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# SGS-CSTC STANDARDS TECHNICAL SERVICES (XI 'AN) CO., LTD.

Report No.: AR/2020/8000506  
Page: 2 of 21

Revision Record				
Version	Chapter	Date	Modifier	Remark
01		2020/10/15		Original

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## Test Summary

Emission Part				
Item	Standard	Method	Requirement	Result
Conducted Emissions at Mains Terminals (150kHz-30MHz)	47 CFR Part 15, Subpart B	ANSI C63.4:2014	Class B	Pass
Radiated Emissions (30MHz-1GHz)	47 CFR Part 15, Subpart B	ANSI C63.4:2014	Class B	Pass
Radiated Emissions (above 1GHz)	47 CFR Part 15, Subpart B	ANSI C63.4:2014	Class B	Pass

Internal Source	Upper Frequency
Below 1.705MHz	30MHz
1.705MHz to 108MHz	1GHz
108MHz to 500MHz	2GHz
500MHz to 1GHz	5GHz
Above 1GHz	5th harmonic of the highest frequency or 40GHz, whichever is lower

Checked By

*David Chen*

David Chen  
Reviewer

Test By

*Daniel Wang*

Daniel Wang  
Project Engineer

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## 1 General Information

Product Name:	Mobile Phone		
Model No.(EUT):	M2007J22G		
Trade Mark:	Redmi		
Hardware Version:	P2		
Software Version:	MIUI12		
Frequency Bands:	Band	Tx (MHz)	Rx (MHz)
	GSM850	824~849	869~894
	GSM1900	1850~1910	1930~1990
	WCDMA Band II	1850~1910	1930~1990
	WCDMA Band IV	1710~1755	2110~2155
	WCDMA Band V	824~849	869~894
	LTE Band 2	1850~1910	1930~1990
	LTE Band 4	1710~1755	2110~2155
	LTE Band 5	824~849	869~894
	LTE Band 7	2500~2570	2620~2690
	LTE Band 12	699~716	729~746
	LTE Band 17	704~716	734~746
	LTE Band 26	814~849	859~894
	LTE Band 38	2570~2620	2570~2620
	LTE Band 41	2496~2690	2496~2690
	NR Band n5	824~849	869~894
	NR Band n7	2500~2570	2620~2690
	NR Band n38	2570~2620	2570~2620
	NR Band n41	2496~2690	2496~2690
	NR Band n77	3300~4200	3300~4200
	Wi-Fi 2.4G	2412~2472	2412~2472
	Bluetooth	2402~2480	2402~2480
	WIFI(5GHz)	5150~5350	5150~5350
		5470~5725	5470~5725
		5725~5835	5725~5835
	GNSS*	1599~1610	
	FM	87.5~108	
	NFC	13.56	

\* GNSS = GPS + Glonass + Beidou + Galileo

EUT 1= 4+128G EUT2=4+64G

### 1.1 Description of Support Units

Description	Manufacturer	Model No.	Serial No.
Laptop	Lenovo	T430u	REF. No.SEA1800
Mouse	Lenovo	M-U0025-O	REF. No.:SEA2400

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Router	NETGEAR	DGN2200	REF. No.SEA2200
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## 1.2 Measurement Uncertainty

No.	Item	Measurement Uncertainty
1	Conduction Emission	± 3.4dB (150kHz to 30MHz)
2	Radiated Emission	± 4.8dB (30MHz-1GHz)
		± 5.2dB (1GHz-6GHz)
		± 5.5dB (6GHz-18GHz)
		± 5.02dB (18GHz-40GHz)
3	Temperature test	± 1°C
4	Humidity test	± 3%

## 1.3 Test Location

All tests were performed at:

Company:	SGS-CSTC STANDARDS TECHNICAL SERVICES (XI 'AN) CO., LTD.
Address:	Single floor D, building 1, Kanghong orange square science and technology park, No.137 keyuan 3rd road, fengdong new town, Xi 'an city, Shaanxi China
Post code:	710000
Telephone:	+86 (0) 29 6282 7885
Fax:	+86 (0) 29 6282 7885
E-mail:	ee.xian@sgs.com

No tests were sub-contracted.

## 1.4 Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

- **A2LA (Certificate No. 4854.01)**

SGS-CSTC STANDARDS TECHNICAL SERVICES (XI 'AN) CO., LTD.

is accredited by the American Association for Laboratory Accreditation(A2LA). Certificate No. 4854.01.

Test Site No.:	SGS Xian Site No.		FCC Designation No.
	CO01-XA	03CH01-XA	CN1271

## 1.5 Deviation from Standards

None

## 1.6 Abnormalities from Standard Conditions

None

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## 2 Equipment List

Radiated Emissions (30MHz~ 40GHz)					
Test Equipment	Manufacturer	Model No.	Inventory No.	Cal. date	Cal.Due date
				(yyyy-mm-dd)	(yyyy-mm-dd)
966 Test chamber	Brilliant-emc	NA	XAW040101	2019/6/11	2022/6/9
BiConiLog Antenna (30MHz-3GHz)	rosenberge	VULB 9163	XAW010901	2018/8/8	2021/8/7
Horn Antenna (800MHz-18GHz)	rosenberger	BBHA 9120D	XAW010902	2018/7/18	2021/7/17
Horn Antenna (18-40GHz)	rosenberge	BBHA 9170	XAW010903	2018/8/1	2021/7/31
Amplifier(9kHz-3GHz)	Tonscend	TAP00903040	XAW030601	2019/11/18	2020/11/18
Amplifier(100MHz-18GHz)	Tonscend	TAP01018048	XAW030602	2019/11/18	2020/11/18
Amplifier(18-40GHz)	Tonscend	TAP18040048	XAW030603	2019/11/18	2020/11/18
Radio communication analyzer	ROHDE&SCHWARZ	CMW 500	XAW01-03-02	2020/4/2	2021/4/2
Test receiver	Rohde & Schwarz	ESR	XAW010801	2020/9/2	2021/9/2
MXA signal analyzer	Rohde & Schwarz	FSV	XAW040103	2020/4/2	2021/4/3
Measurement Software	Tonscend	TS+	N/A	N/A	N/A
Filter bank	Tonscend	JS0806-F	N/A	N/A	N/A
Filter bank	Tonscend	JS0806s	N/A	N/A	N/A
5G UXM	Keysight	E7515B	XAW01-04-01	2020/9/11	2021/9/10

Conducted Emissions at Mains Terminals (150kHz-30MHz)					
Test Equipment	Manufacturer	Model No.	Inventory No.	Cal. date	Cal.Due date
				(yyyy-mm-dd)	(yyyy-mm-dd)
Shield Room	Brilliant-emc	NA	XAW08043	NA	NA
Test receiver	Rohde & Schwarz	ESR	XAW010801	2020/9/2	2021/9/2
Artificial network	Rohde & Schwarz	ENV216	XAW01-19-02	2020/07/16	2021/7/15
Artificial network	Rohde & Schwarz	ENV216	XAW013001	2020/7/16	2021/7/15
Cabel	SGS	NA	NA	NA	NA
Radio communication	ROHDE&SCHWARZ	CMW 500	XAW01-03-02	2020/4/2	2021/4/2

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# SGS-CSTC STANDARDS TECHNICAL SERVICES (XI 'AN) CO., LTD.

Report No.: AR/2020/8000506  
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analyzer					
5G UXM	Keysight	E7515B	XAW01-04-01	2020/9/11	2021/9/10

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### 3 Emission Test Results

#### 3.1 Conducted Emissions at Mains Terminals (150kHz-30MHz)

Test Requirement:	47 CFR Part 15, Subpart B
Test Method:	ANSI C63.4:2014
Frequency Range:	150kHz to 30MHz
Limit:	
0.15M-0.5MHz	66dB(μV)-56dB(μV) quasi-peak, 56dB(μV)-46dB(μV) average
0.5M-5MHz	56dB(μV) quasi-peak, 46dB(μV) average
5M-30MHz	60dB(μV) quasi-peak, 50dB(μV) average
Detector:	Peak for pre-scan (9kHz resolution bandwidth) 0.15M to 30MHz

##### 2.1.1 E.U.T. Operation

Operating Environment:

Temperature:	18.9 °C	Humidity:	55.1 % RH	Atmospheric Pressure:	1000 mbar
Pretest these modes to find the worst case:	1:GSM850 Idle +BT+WLAN2.4G+GNSS Rx+playing MP4+earphone+EUT1+USB cable+adapter+ant0 2:GSM1900 Idle +BT+WLAN5G+GNSS Rx+camera (Back)+earphone+EUT1+USB cable+adapter+ant0 3:WCDMA II Idle +BT+WLAN2.4G+GNSS Rx+camera (Front)+earphone+EUT1+USB cable+adapter+ant1 4:WCDMA VI Idle +BT+WLAN2.4G+GNSS Rx+camera (Front)+earphone+EUT1+USB cable+adapter+ant1 5:WCDMA V Idle +BT+WLAN5G+GNSS Rx+camera (Back)+earphone+EUT1+USB cable+adapter+ant0 6:LTE band 2 Link +BT+ WLAN5G+GNSS Rx+NFC+earphone+EUT1+USB cable+adapter+ant0 7:LTE band 4 Idle +BT+FM +WLAN2.4G+GNSS Rx+NFC+earphone+EUT1+USB cable+adapter+ant1 8:LTE band 5 Idle +BT+FM+WLAN5G+GNSS Rx+NFC+earphone+EUT1+USB cable+adapter+ant0 9:LTE band 7 Idle +BT+FM+WLAN2.4G+GNSS Rx+NFC+earphone+EUT1+USB cable+adapter+ant0 10:LTE band 38 Link +BT+FM +WLAN5G+GNSS Rx+NFC+earphone+EUT1+USB cable+adapter+ant0 11:LTE band 41 Idle +BT+FM +WLAN2.4G+GNSS Rx+NFC+earphone+EUT1+USB cable+adapter+ant0 12:ENDC 7a_n5 Idle +BT+FM +WLAN5G+GNSS Rx+NFC+earphone+EUT1+USB cable+adapter+ant0 13:SA N5 Idle +BT+FM +WLAN2.4G+GNSS Rx+NFC+earphone+EUT1+USB				

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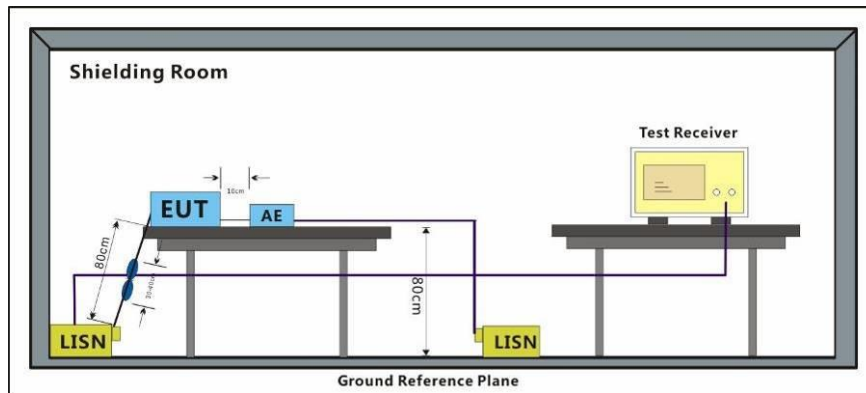
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cable+adapter+ant0  
 14:SA N7 Idle +BT+FM +WLAN2.4G+GNSS Rx+NFC+earphone+EUT1+USB  
 cable+adapter+ant3  
 15:SA N38 Idle +BT+FM +WLAN5G+GNSS Rx+NFC+earphone+EUT1+USB  
 cable+adapter+ant3  
 16:SA N41 Idle +BT+FM +WLAN2.4G+GNSS Rx+NFC+earphone+EUT1+USB  
 cable+adapter+ant4  
 17:SA N77 Idle +BT+FM +WLAN2.4G+GNSS Rx+NFC+earphone+EUT1+USB  
 cable+adapter+ant6  
 18:7A-N7 Idle +BT+FM +WLAN2.4G+GNSS Rx+NFC+earphone+EUT1+USB  
 cable+adapter+ant3  
 19:Transfer data between the EUT1 and the PC+USB cable  
 20:Transfer data between the EUT2 and the PC+USB cable  
 The worst case for final test: 8:LTE band 5 Idle +BT+FM+WLAN5G+GNSS Rx+NFC+earphone+EUT1+USB  
 cable+adapter+ant0

### 2.1.2 Test Setup Diagram



### 2.1.3 Measurement Data

An initial pre-scan was performed with peak detector. Quasi-Peak or Average measurement were performed at the frequencies with maximized peak emission were detected.

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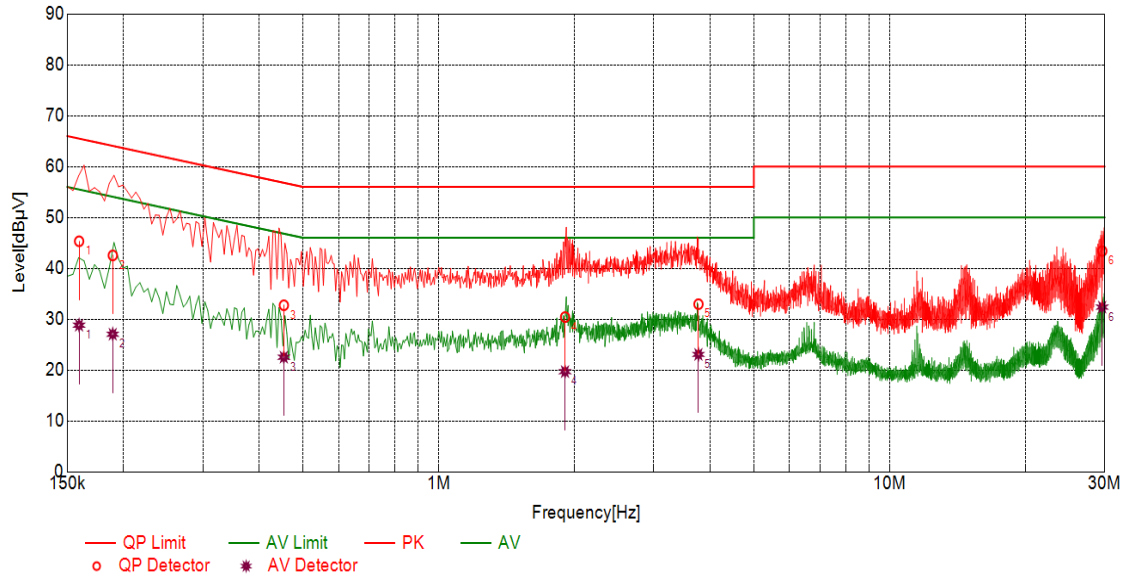
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Mode:8; Line:Live Line



### Test Graph

#### Final Data List

NO.	Freq. [MHz]	Factor [dB]	QP Value [dBμV]	QP Limit [dBμV]	QP Margin [dB]	AV Value [dBμV]	AV Limit [dBμV]	AV Margin [dB]	Type
1	0.1594	10.10	45.32	65.49	20.17	28.82	55.49	26.67	L
2	0.1893	10.10	42.54	64.07	21.53	27.05	54.07	27.02	L
3	0.4535	10.10	32.74	56.81	24.07	22.53	46.81	24.28	L
4	1.9064	10.10	30.42	56.00	25.58	19.70	46.00	26.30	L
5	3.7675	10.10	32.96	56.00	23.04	23.08	46.00	22.92	L
6	29.6135	10.11	43.40	60.00	16.60	32.37	50.00	17.63	L

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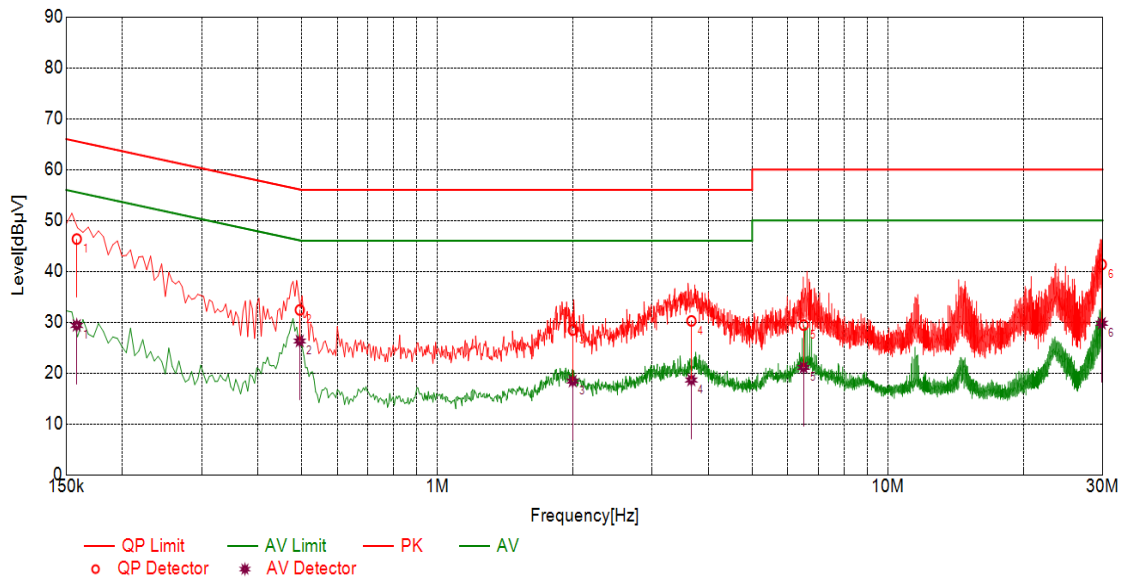
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Mode:8; Line:Neutral Line



### Test Graph

### Final Data List

NO.	Freq. [MHz]	Factor [dB]	QP Value [dB-μV]	QP Limit [dB-μV]	QP Margin [dB]	AV Value [dB-μV]	AV Limit [dB-μV]	AV Margin [dB]	Type
1	0.1584	10.10	46.35	65.55	19.20	29.37	55.55	26.18	N
2	0.4951	10.10	32.40	56.08	23.68	26.30	46.08	19.78	N
3	1.9979	10.10	28.48	56.00	27.52	18.42	46.00	27.58	N
4	3.6637	10.10	30.25	56.00	25.75	18.64	46.00	27.36	N
5	6.5030	10.10	29.44	60.00	30.56	21.11	50.00	28.89	N
6	29.8337	10.11	41.35	60.00	18.65	29.78	50.00	20.22	N

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### 3.2 Radiated Emissions (30MHz-1GHz)

Test Requirement: 47 CFR Part 15, Subpart B  
Test Method: ANSI C63.4:2014  
Frequency Range: 30MHz to 1GHz  
Measurement Distance: 3m  
Limit:  
30MHz-88MHz 40.0(dBμV/m) quasi-peak  
88MHz-216MHz 43.5(dBμV/m) quasi-peak  
216MHz-960MHz 46.0(dBμV/m) quasi-peak  
960MHz-1000MHz 54.0(dBμV/m) quasi-peak  
Detector: Peak for pre-scan (120kHz resolution bandwidth) 30M to1000MHz

#### 2.1.4 E.U.T. Operation

Operating Environment:

Temperature: 25 °C Humidity: 66.5 % RH Atmospheric Pressure: 1010 mbar  
Pretest these modes to find the worst case:  
1:GSM850 Idle +BT+WLAN2.4G+GNSS Rx+playing MP4+earphone+EUT1+USB cable+adapter+ant0  
2:GSM1900 Idle +BT+WLAN5G+GNSS Rx+camera (Back)+earphone+EUT1+USB cable+adapter+ant0  
3:WCDMA II Idle +BT+WLAN2.4G+GNSS Rx+camera (Front)+earphone+EUT1+USB cable+adapter+ant1  
4:WCDMA VI Idle +BT+WLAN2.4G+GNSS Rx+camera (Front)+earphone+EUT1+USB cable+adapter+ant1  
5:WCDMA V Idle +BT+WLAN5G+GNSS Rx+camera (Back)+earphone+EUT1+USB cable+adapter+ant0  
6:LTE band 2 Link +BT+ WLAN5G+GNSS Rx+NFC+earphone+EUT1+USB cable+adapter+ant0  
7:LTE band 4 Idle +BT+FM +WLAN2.4G+GNSS Rx+NFC+earphone+EUT1+USB cable+adapter+ant1  
8:LTE band 5 Idle +BT+FM+WLAN5G+GNSS Rx+NFC+earphone+EUT1+USB cable+adapter+ant0  
9:LTE band 7 Idle +BT+FM+WLAN2.4G+GNSS Rx+NFC+earphone+EUT1+USB cable+adapter+ant0  
10:LTE band 38 Link +BT+FM +WLAN5G+GNSS Rx+NFC+earphone+EUT1+USB cable+adapter+ant0  
11:LTE band 41 Idle +BT+FM +WLAN2.4G+GNSS Rx+NFC+earphone+EUT1+USB cable+adapter+ant0  
12:ENDC 7a\_n5 Idle +BT+FM +WLAN5G+GNSS Rx+NFC+earphone+EUT1+USB cable+adapter+ant0  
13:SA N5 Idle +BT+FM +WLAN2.4G+GNSS Rx+NFC+earphone+EUT1+USB cable+adapter+ant0

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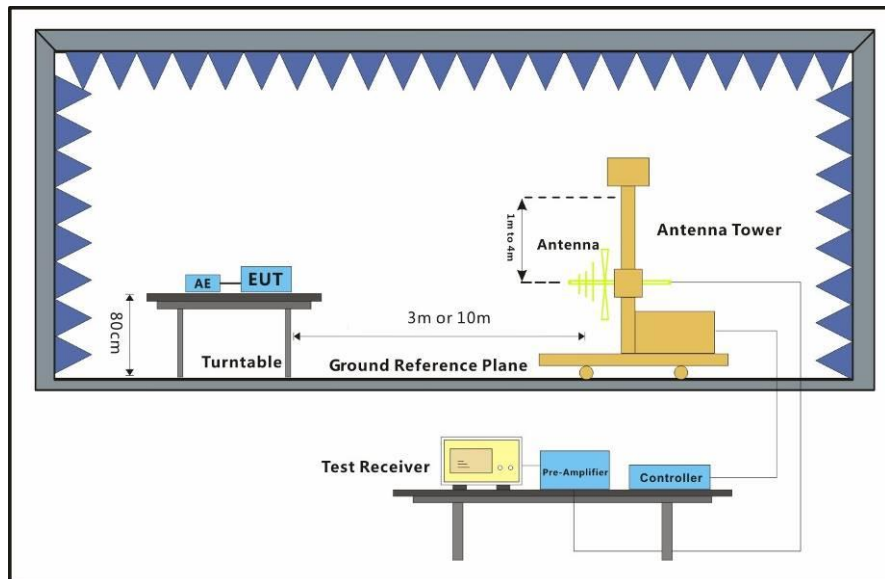
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- 14:SA N7 Idle +BT+FM +WLAN2.4G+GNSS Rx+NFC+earphone+EUT1+USB cable+adapter+ant3
- 15:SA N38 Idle +BT+FM +WLAN5G+GNSS Rx+NFC+earphone+EUT1+USB cable+adapter+ant3
- 16:SA N41 Idle +BT+FM +WLAN2.4G+GNSS Rx+NFC+earphone+EUT1+USB cable+adapter+ant4
- 17:SA N77 Idle +BT+FM +WLAN2.4G+GNSS Rx+NFC+earphone+EUT1+USB cable+adapter+ant6
- 18:7A-N7 Idle +BT+FM +WLAN2.4G+GNSS Rx+NFC+earphone+EUT1+USB cable+adapter+ant3
- 19:Transfer data between the EUT1 and the PC+USB cable
- 20:Transfer data between the EUT2 and the PC+USB cable

The worst case for final test: 19:Transfer data between the EUT1 and the PC+USB cable

### 2.1.5 Test Setup Diagram



### 2.1.6 Measurement Data

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

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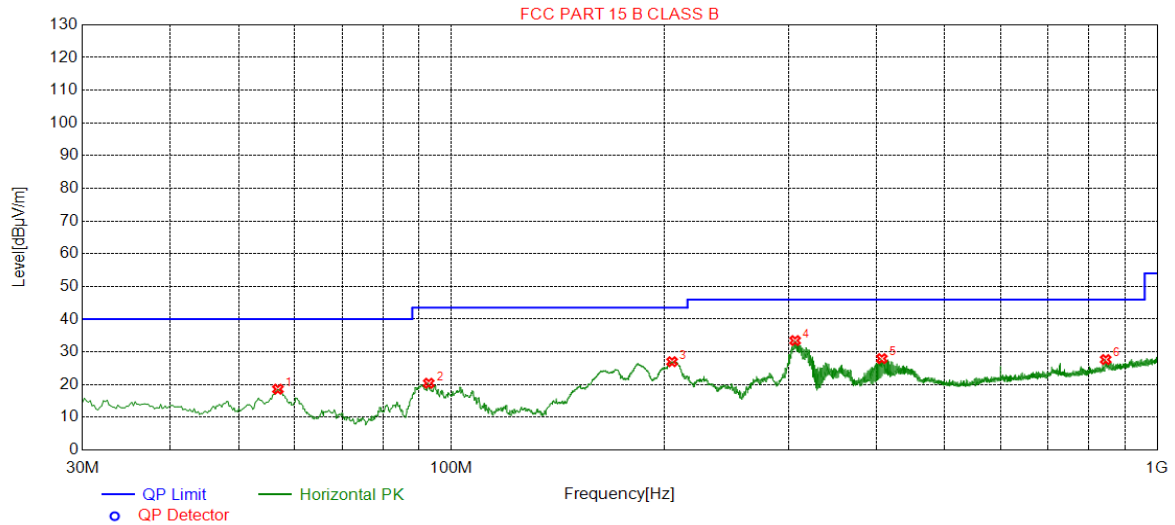
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Mode:19; Polarization:Horizontal



### Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	56.7774	18.60	-31.38	40.00	21.40	200	1	Horizontal
2	92.8686	20.42	-33.24	43.50	23.08	200	249	Horizontal
3	205.411	27.00	-31.07	43.50	16.50	200	223	Horizontal
4	306.893	33.46	-28.07	46.00	12.54	100	46	Horizontal
5	407.211	27.94	-25.36	46.00	18.06	100	260	Horizontal
6	845.351	27.66	-16.96	46.00	18.34	200	320	Horizontal

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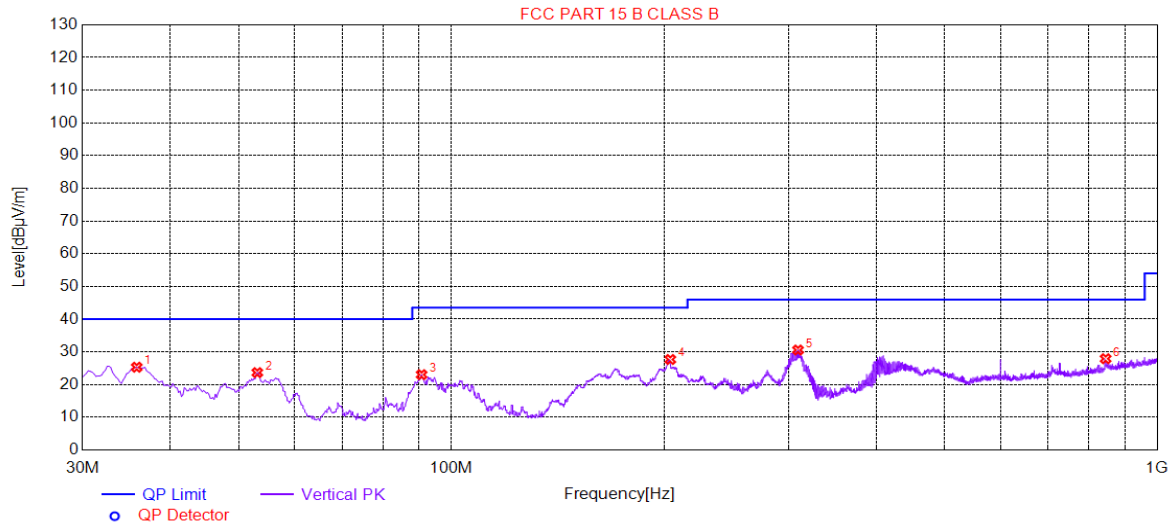
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Mode:19; Polarization:Vertical



### Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	35.8212	25.32	-29.69	40.00	14.68	100	337	Vertical
2	53.0906	23.67	-30.83	40.00	16.33	100	261	Vertical
3	90.7341	23.05	-33.59	43.50	20.45	100	37	Vertical
4	204.246	27.68	-31.10	43.50	15.82	100	296	Vertical
5	309.804	30.58	-27.99	46.00	15.42	200	17	Vertical
6	845.157	27.92	-16.97	46.00	18.08	200	97	Vertical

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### 3.3 Radiated Emissions (above 1GHz)

Test Requirement: 47 CFR Part 15, Subpart B  
Test Method: ANSI C63.4:2014  
Frequency Range: Above 1GHz  
Measurement Distance: 3m  
Limit:  
Above 1GHz 74(dBμV/m) peak, 54(dBμV/m) average  
Detector: Peak for pre-scan (1000kHz resolution bandwidth) 1000M to18000MHz

#### 2.1.7 E.U.T. Operation

Operating Environment:

Temperature: 21.7 °C Humidity: 56.4 % RH Atmospheric Pressure: 1010 mbar  
Pretest these modes to find the worst case:  
1:GSM850 Idle +BT+WLAN2.4G+GNSS Rx+playing MP4+earphone+EUT1+USB cable+adapter+ant0  
2:GSM1900 Idle +BT+WLAN5G+GNSS Rx+camera (Back)+earphone+EUT1+USB cable+adapter+ant0  
3:WCDMA II Idle +BT+WLAN2.4G+GNSS Rx+camera (Front)+earphone+EUT1+USB cable+adapter+ant1  
4:WCDMA VI Idle +BT+WLAN2.4G+GNSS Rx+camera (Front)+earphone+EUT1+USB cable+adapter+ant1  
5:WCDMA V Idle +BT+WLAN5G+GNSS Rx+camera (Back)+earphone+EUT1+USB cable+adapter+ant0  
6:LTE band 2 Link +BT+ WLAN5G+GNSS Rx+NFC+earphone+EUT1+USB cable+adapter+ant0  
7:LTE band 4 Idle +BT+FM +WLAN2.4G+GNSS Rx+NFC+earphone+EUT1+USB cable+adapter+ant1  
8:LTE band 5 Idle +BT+FM+WLAN5G+GNSS Rx+NFC+earphone+EUT1+USB cable+adapter+ant0  
9:LTE band 7 Idle +BT+FM+WLAN2.4G+GNSS Rx+NFC+earphone+EUT1+USB cable+adapter+ant0  
10:LTE band 38 Link +BT+FM +WLAN5G+GNSS Rx+NFC+earphone+EUT1+USB cable+adapter+ant0  
11:LTE band 41 Idle +BT+FM +WLAN2.4G+GNSS Rx+NFC+earphone+EUT1+USB cable+adapter+ant0  
12:ENDC 7a\_n5 Idle +BT+FM +WLAN5G+GNSS Rx+NFC+earphone+EUT1+USB cable+adapter+ant0  
13:SA N5 Idle +BT+FM +WLAN2.4G+GNSS Rx+NFC+earphone+EUT1+USB cable+adapter+ant0  
14:SA N7 Idle +BT+FM +WLAN2.4G+GNSS Rx+NFC+earphone+EUT1+USB cable+adapter+ant3  
15:SA N38 Idle +BT+FM +WLAN5G+GNSS Rx+NFC+earphone+EUT1+USB

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cable+adapter+ant3

16:SA N41 Idle +BT+FM +WLAN2.4G+GNSS Rx+NFC+earphone+EUT1+USB  
cable+adapter+ant4

17:SA N77 Idle +BT+FM +WLAN2.4G+GNSS Rx+NFC+earphone+EUT1+USB  
cable+adapter+ant6

18:7A-N7 Idle +BT+FM +WLAN2.4G+GNSS Rx+NFC+earphone+EUT1+USB  
cable+adapter+ant3

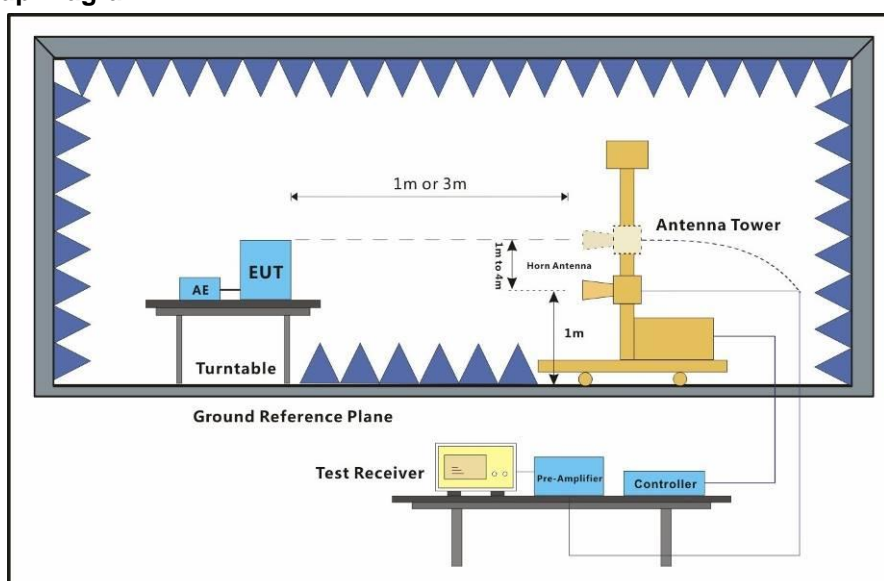
19:Transfer data between the EUT1 and the PC+USB cable

20:Transfer data between the EUT2 and the PC+USB cable

The worst case  
for final test:

9:LTE band 7 Idle +BT+FM+WLAN2.4G+GNSS Rx+NFC+earphone+EUT1+USB  
cable+adapter+ant0

### 2.1.8 Test Setup Diagram



### 2.1.9 Measurement Data

An initial pre-scan was performed in the chamber using the spectrum analyser in peak detection mode. Average measurements were conducted based on the peak sweep graph. The EUT was measured by Horn antenna with 2 orthogonal polarities.

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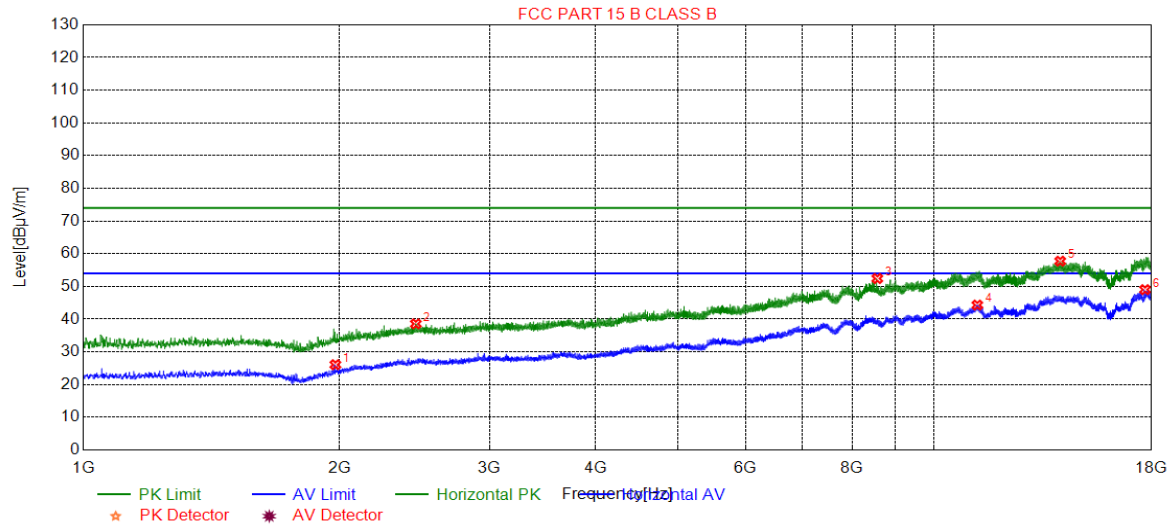
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Mode:9 Polarization:Horizontal



### Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1977.54	26.09	-29.24	54.00	27.91	100	54	Horizontal
2	2458.67	38.58	-26.11	74.00	35.42	200	4	Horizontal
3	8569.62	52.43	-7.47	74.00	21.57	100	318	Horizontal
4	11231.9	44.32	-2.81	54.00	9.68	200	269	Horizontal
5	14055.8	57.74	2.31	74.00	16.26	200	307	Horizontal
6	17682.9	49.04	1.03	54.00	4.96	100	92	Horizontal

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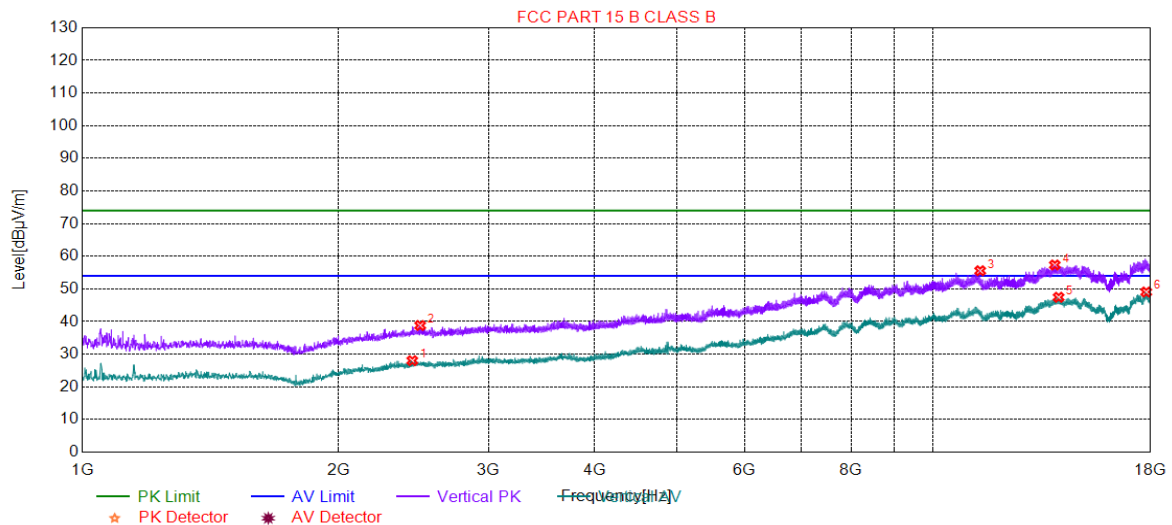
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Mode:9; Polarization:Vertical



#### Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2441.67	28.04	-26.22	54.00	25.96	200	193	Vertical
2	2494.37	38.81	-25.89	74.00	35.19	100	167	Vertical
3	11350.1	55.58	-2.71	74.00	18.42	200	81	Vertical
4	13889.1	57.35	2.13	74.00	16.65	200	306	Vertical
5	14032.8	47.45	2.28	54.00	6.55	100	280	Vertical
6	17788.3	49.07	0.73	54.00	4.93	200	81	Vertical

#### Remark:

1) Scan from 1GHz to 30GHz, The disturbance above 18GHz was very low and all noise floor. The above radiated emissions were the highest point could be found when testing, so only the above radiated emissions had been displayed.

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## **4 Photographs**

### **4.1 Conducted Emissions at Mains Terminals (150kHz-30MHz) Test Setup**

### **4.2 Radiated Emissions (30MHz-1GHz) Test Setup**

### **4.3 Radiated Emissions (above 1GHz ) Test Setup**

### **4.4 EUT Constructional Details (EUT Photos)**

Refer to Photographs of EUT Constructional Details

- End of the Report -

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