

Report No.: AR/2020/A000706

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TEST REPORT

Application No.: AR/2020/A0007

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.: M2010J19SG,M2010J19ST

Trade Mark: Redmi

FCC ID: 2AFZZJ19CG

Standard(s): 47 CFR Part 15, Subpart B

Date of Receipt: 2020/9/29(for original report AR/2020/9001006)

Date of Test: 2020/9/29 to 2020/10/16(for original report AR/2020/9001006)

2020/11/3 to 2020/11/10(for new report AR/2020/A000706)

Date of Issue: 2020/10/18(for original report AR/2020/9001006)

2020/11/13(for new report AR/2020/A000701)

Test Result: Pass*

Authorized Signature:

Derek Yang

Derde yang

Wireless Laboratory Manager

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邮编 710086

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^{*} In the configuration tested, the EUT complied with the standards specified above.



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	Revision Record					
Version Chapter Date Modifier Rem				Remark		
01		2020/11/13		Original		

Authorized for issue by:	
	David Chen
	David Chen/Project Engineer
	Samil
	Daniel Wang /Reviewer

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2 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

Remark:

Item	M2010J19SG	M2010J19ST
LTE Band 41	Support	Not Support

Note: customer declaration, two models are the same, except for model. There are more than one model, each one should be applied throughout the compliance test respectively,

However, only the worst case(M2010J19SG) will be recorded in this report.

This report is changed to model based on the original report number AR/2020/9001006 The revised contents are as follow:

Model name	Camera specification	LED position	Camera position	Trade Mark	rear cover
M2010J19CG, M2010J19CT		located to the	Viewed from the back, the macro camera, main camera and depth-of-field camera appear from top to bottom	POCO	The material is the same, Camera area coverage

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	M2010J19SG M2010J19ST	48M+8M+2M+2M		Viewed from the back, the wide Angle camera, main camera and depth of field camera are in order from top to bottom, and add single macro camera is on the righ	Redmi	shape adjustment, drawing different, las engraving different	is ser is
--	--------------------------	--------------	--	--	-------	---	-----------------

Based on the above differences, Spot check AR/2020/9001006 worse mode

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4 General Information

Product Name:	Mobile Phone					
Model No.(EUT):	M2010J19SG,M2010J19ST	M2010J19SG,M2010J19ST				
FCC ID:	2AFZZJ19CG	2AFZZJ19CG				
Trade Mark:	Redmi					
Hardware Version:	P2					
Software Version:	MIUI 12					
	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			
Fraguency Banda	LTE Band 7	2500~2570	2620~2690			
Frequency Bands:	LTE Band 38	2570~2620	2570~2620			
	LTE Band 41	2535~2655	2535~2655			
	Bluetooth	2400~2483.5	2400~2483.5			
	Wi-Fi 2.4G b/g/n	2402~2472	2402~2472			
		5150~5250	5150~5250			
	M: F: FC a/a/a	5250~5350	5250~5350			
	Wi-Fi 5G a/n/ac	5470~5725	5470~5725			
		5725~5825	5725~5825			
	GNSS*	1599~161	0			
	FM	87.5~108	3			

^{*} GNSS = GPS + Glonass + Beidou + Galileo+SBAS EUT 1= 4+64G EUT2=6+128G EUT3=4+128G

4.1 Description of Support Units

Description	Manufacturer	Model No.	Serial No.
Laptop	Lenovo	T430u	REF. No.SEA1800
Mouse	Lenovo	M-U0025-O	REF. No.:SEA2400
Router	NETGEAR	DGN2200	REF. No.SEA2200

4.2 Measurement Uncertainty

No.	Item	Measurement Uncertainty
1	Conduction Emission	± 3.4dB (150kHz to 30MHz)
2	Radiated Emission	± 4.8dB (30MHz-1GHz)

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		± 5.2dB (1GHz-6GHz)
		± 5.5dB (6GHz-18GHz)
		± 5.02dB (18GHz-40GHz)
3	Temperature test	± 1°C
4	Humidity test	± 3%

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4.3 Test Location

All tests were performed at:

Company:	SGS-CSTC Standards Technical Services Co., Ltd. Xi'an Branch
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.

4.4 Test Facility

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

A2LA (Certificate No. 4854.01)

SGS-CSTC STANDARDS TECHNICAL SERVICES CO., LTD. XIAN BRANCH is accredited by the American Association for Laboratory Accreditation(A2LA). Certificate No. 4854.01.

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

4.5 Deviation from Standards

None

4.6 Abnormalities from Standard Conditions

None

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5 Equipment List

	Radiated Emissions (30MHz~ 40GHz)												
Toot Equipment	Manufacturer	Model No.	Inventory	Cal. date	Cal.Due date								
Test Equipment	Manuracturer	wiodei No.	No.	(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	2020/9/6	2021/9/7								
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								

Conducted Emissions at Mains Terminals (150kHz-30MHz)												
Toot Equipment	Manufacturer	Model No.	Inventory No	Cal. date	Cal.Due date							
Test Equipment	Manuracturer	woder No.	Inventory No.	(yyyy-mm- dd)	(yyyy-mm- dd)							
Shield Room	Brilliant-emc	NA	XAW08043	NA	NA							
Test receiver	Rohde & Schwarz	ESR	XAW010801	2020/9/6	2021/9/7							
Artificial network	Rohde & Schwar	ENV216	XAW01-19-02	2020/09/15	2021/9/16							
Artificial network	Rohde & Schwar	ENV216	XAW013001	2020/7/16	2021/7/15							
Cabel	SGS	NA	NA	NA	NA							
Radio communication analyzer	ROHDE&SCHWARZ	CMW 500	XAW01-03-02	2020/4/2	2021/4/2							

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6 Emission Test Results

6.1 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(μ V)-56dB(μ V) quasi-peak, 56dB(μ V)-46dB(μ V) average

0.5M-5MHz 56dB(μ V) quasi-peak, 46dB(μ V) average 5M-30MHz 60dB(μ V) quasi-peak, 50dB(μ V) average

Detector: Peak for pre-scan (9kHz resolution bandwidth) 0.15M to 30MHz

6.1.1 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:Transfer data between the EUT1 and the PC+USB cable1
2:Transfer data between the EUT1 and the PC+USB cable2

* Stands for spot check mode

3:GSM850 Idle +BT+WLAN2.4G+GNSS Rx+playing MP4+earphone+EUT1+USB

cable1+adapter1+ant down

4:GSM1900 Idle +BT+WLAN5G+GNSS Rx+camera (Back)+earphone+EUT1+USB cable1+adapter2+ant down 5:WCDMA II Idle +BT+WLAN2.4G+GNSS Rx+camera (Front)+earphone+EUT1+USB cable1+adapter1+ant down 6:WCDMA VI Link +BT+WLAN2.4G+GNSS Rx+camera (Front)+earphone+EUT1+USB cable1+adapter1+ant down

7:WCDMA V Idle +BT+WLAN5G+GNSS Rx+camera (Back)+earphone+EUT1+USB cable1+adapter1+ant down

8:LTE band 2 Link +BT+ WLAN5G+GNSS Rx+earphone+EUT1+USB

cable1+adapter1+ant down

9:LTE band 4 Idle +BT+FM +WLAN2.4G+GNSS Rx+earphone+EUT1+USB cable1+adapter1+ant down

10:LTE band 5 Idle +BT+FM+WLAN5G+GNSS Rx+earphone+EUT1+USB

cable1+adapter1+ant down

11:LTE band 7 Idle +BT+FM+WLAN2.4G+GNSS Rx+earphone+EUT1+USB cable1+adapter1+ant down

12:LTE band 38 Link +BT+FM +WLAN5G+GNSS Rx+earphone+EUT1+USB cable1+adapter1+ant down

13:LTE band 41 Idle +BT+FM +WLAN2.4G+GNSS Rx+earphone+EUT1+USB cable1+adapter1+ant down

14:WCDMA VI Link +BT+WLAN2.4G+GNSS Rx+camera

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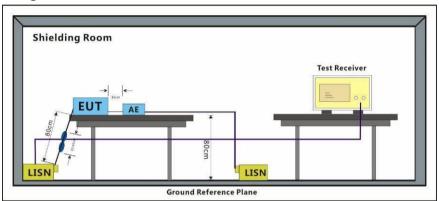
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(Front)+earphone+EUT2+USB cable1+adapter1+ant down 15:WCDMA VI Link +BT+WLAN2.4G+GNSS Rx+camera (Front)+earphone+EUT3+USB cable1+adapter1+ant down 6*:WCDMA VI Link +BT+WLAN2.4G+GNSS Rx+camera (Front)+earphone+EUT1+USB cable1+adapter1+ant down

The worst case for final test:

6*:WCDMA VI Link +BT+WLAN2.4G+GNSS Rx+camera (Front)+earphone+EUT1+USB cable1+adapter1+ant down

6.1.2 Test Setup Diagram



6.1.3 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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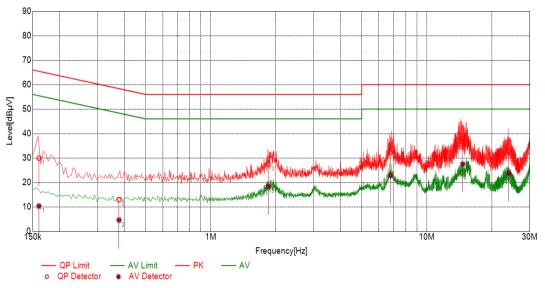
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Mode:6*; Line:Live Line



Final	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]	Туре					
1	0.1575	10.10	31.94	65.60	33.66	14.31	55.60	41.29	L					
2	0.4471	10.10	26.10	56.93	30.83	13.32	46.93	33.61	L					
3	1.9028	10.10	25.96	56.00	30.04	12.00	46.00	34.00	L					
4	6.8376	10.10	33.90	60.00	26.10	24.64	50.00	25.36	L					
5	14.0803	10.11	39.24	60.00	20.76	29.01	50.00	20.99	L					
6	29.9989	10.11	36.59	60.00	23.41	26.79	50.00	23.21	L					

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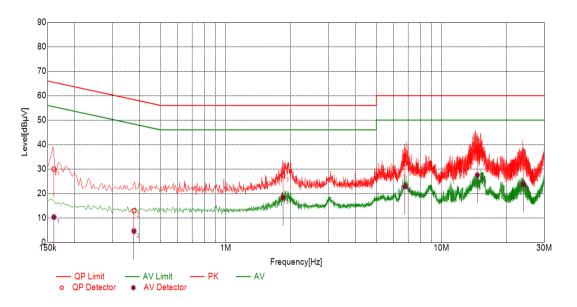
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Mode:6*; Line:Neutral Line



Final	Final Data List													
NO.	Freq. [MHz]	Factor [dB]	QP Value [dBµV]	QP Limit [dBµV]	QP Margin [dB]	AV Value [dBµV]	ΑV Limit [dBμV]	AV Margin [dB]	Туре					
1	0.1604	10.10	29.97	65.44	35.47	10.32	55.44	45.12	N					
2	0.3765	10.10	12.96	58.36	45.40	4.61	48.36	43.75	N					
3	1.8445	10.10	27.45	56.00	28.55	18.39	46.00	27.61	N					
4	6.7879	10.10	32.16	60.00	27.84	22.86	50.00	27.14	N					
5	14.6687	10.11	38.01	60.00	21.99	27.52	50.00	22.48	N					
6	24.0025	10.11	32.78	60.00	27.22	23.77	50.00	26.23	N					

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6.2 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:

30 MHz - 88 MHz $40.0 (\text{dB}\mu\text{V/m})$ quasi-peak 88 MHz - 216 MHz $43.5 (\text{dB}\mu\text{V/m})$ quasi-peak 216 MHz - 960 MHz $46.0 (\text{dB}\mu\text{V/m})$ quasi-peak 960 MHz - 1000 MHz $54.0 (\text{dB}\mu\text{V/m})$ quasi-peak

Detector: Peak for pre-scan (120kHz resolution bandwidth) 30M to1000MHz

6.2.1 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:Transfer data between the EUT1 and the PC+USB cable1 2:Transfer data between the EUT1 and the PC+USB cable2

3:GSM850 Idle +BT+WLAN2.4G+GNSS Rx+playing MP4+earphone+EUT1+USB cable1+adapter1+ant down

* Stands for spot check mode

4:GSM1900 Idle +BT+WLAN5G+GNSS Rx+camera (Back)+earphone+EUT1+USB cable1+adapter2+ant down 5:WCDMA II Idle +BT+WLAN2.4G+GNSS Rx+camera (Front)+earphone+EUT1+USB cable1+adapter1+ant down 6:WCDMA VI Idle +BT+WLAN2.4G+GNSS Rx+camera (Front)+earphone+EUT1+USB cable1+adapter1+ant down 7:WCDMA V Idle +BT+WLAN5G+GNSS Rx+camera

(Back)+earphone+EUT1+USB cable1+adapter1+ant down

8:LTE band 2 Idle +BT+ WLAN5G+GNSS Rx+earphone+EUT1+USB cable1+adapter1+ant down

9:LTE band 4 Idle +BT+FM +WLAN2.4G+GNSS Rx+earphone+EUT1+USB cable1+adapter1+ant down

10:LTE band 5 Idle +BT+FM+WLAN5G+GNSS Rx+earphone+EUT1+USB cable1+adapter1+ant down

11:LTE band 7 Idle +BT+FM+WLAN2.4G+GNSS Rx+earphone+EUT1+USB cable1+adapter1+ant down

12:LTE band 38 Idle +BT+FM +WLAN5G+GNSS Rx+earphone+EUT1+USB cable1+adapter1+ant down

13:LTE band 41 Idle +BT+FM +WLAN2.4G+GNSS Rx+earphone+EUT1+USB cable1+adapter1+ant down

14:Transfer data between the EUT2 and the PC+USB cable1 15:Transfer data between the EUT3 and the PC+USB cable1

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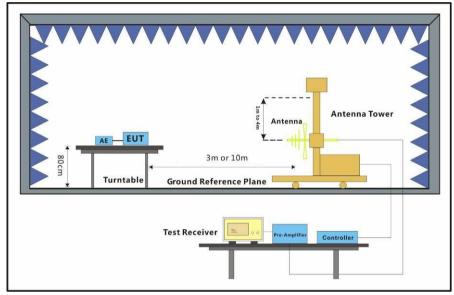
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6*:WCDMA VI Idle +BT+WLAN2.4G+GNSS Rx+camera (Front)+earphone+EUT1+USB cable1+adapter1+ant down 1*:Transfer data between the EUT1 and the PC+USB cable1

The worst case for final test:

1*:Transfer data between the EUT1 and the PC+USB cable1

6.2.2 Test Setup Diagram



6.2.3 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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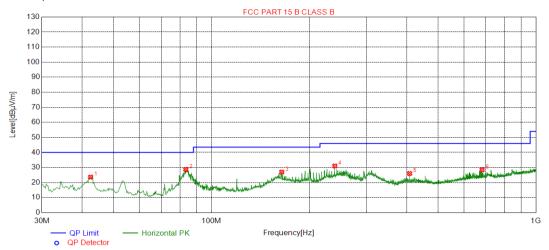
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Mode:1*; Polarization:Horizontal



Suspe	Suspected List												
NO.	Freq.	Level	Factor	Limit	Margin	Height	Angle	Doloritu					
NO.	[MHz]	[dBµV/m]	[dB]	[dBµV/m]	[dB]	[cm]	[°]	Polarity					
1	42.4185	23.64	-29.35	40.00	16.36	200	93	Horizontal					
2	83.3607	28.67	-35.34	40.00	11.33	200	25	Horizontal					
3	164.662	26.95	-34.35	43.50	16.55	200	298	Horizontal					
4	239.950	31.02	-30.07	46.00	14.98	200	257	Horizontal					
5	407.987	26.01	-25.35	46.00	19.99	200	63	Horizontal					
6	682.358	28.42	-19.69	46.00	17.58	100	56	Horizontal					

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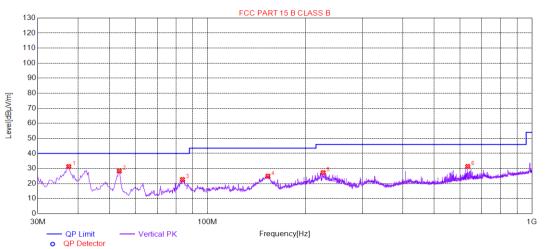
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Mode:1*; Polarization:Vertical



Susp	Suspected List												
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity					
1	37.3735	31.32	-29.19	40.00	8.68	100	3	Vertical					
2	53.4787	28.26	-30.89	40.00	11.74	100	311	Vertical					
3	83.7488	22.70	-35.24	40.00	17.30	200	338	Vertical					
4	153.602	24.95	-34.92	43.50	18.55	100	343	Vertical					
5	227.337	27.30	-30.49	46.00	18.70	200	14	Vertical					
6	634.042	31.37	-20.22	46.00	14.63	200	25	Vertical					

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6.3 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

6.3.1 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:Transfer data between the EUT1 and the PC+USB cable1
2:Transfer data between the EUT1 and the PC+USB cable2

* Stands for spot check mode

3:GSM850 Idle +BT+WLAN2.4G+GNSS Rx+playing MP4+earphone+EUT1+USB

cable1+adapter1+ant down

4:GSM1900 Idle +BT+WLAN5G+GNSS Rx+camera (Back)+earphone+EUT1+USB cable1+adapter2+ant down 5:WCDMA II Idle +BT+WLAN2.4G+GNSS Rx+camera (Front)+earphone+EUT1+USB cable1+adapter1+ant down 6:WCDMA VI Idle +BT+WLAN2.4G+GNSS Rx+camera (Front)+earphone+EUT1+USB cable1+adapter1+ant down

7:WCDMA V Idle +BT+WLAN5G+GNSS Rx+camera (Back)+earphone+EUT1+USB cable1+adapter1+ant down

8:LTE band 2 Idle +BT+ WLAN5G+GNSS Rx+earphone+EUT1+USB cable1+adapter1+ant down

9:LTE band 4 Idle +BT+FM +WLAN2.4G+GNSS Rx+earphone+EUT1+USB cable1+adapter1+ant down

10:LTE band 5 Idle +BT+FM+WLAN5G+GNSS Rx+earphone+EUT1+USB cable1+adapter1+ant down

11:LTE band 7 Idle +BT+FM+WLAN2.4G+GNSS Rx+earphone+EUT1+USB cable1+adapter1+ant down

12:LTE band 38 Idle +BT+FM +WLAN5G+GNSS Rx+earphone+EUT1+USB cable1+adapter1+ant down

13:LTE band 41 Idle +BT+FM +WLAN2.4G+GNSS Rx+earphone+EUT1+USB cable1+adapter1+ant down

14: GSM1900 Idle +BT+WLAN5G+GNSS Rx+camera (Back)+earphone+EUT2+USB cable1+adapter2+ant down 15: GSM1900 Idle +BT+WLAN5G+GNSS Rx+camera (Back)+earphone+EUT3+USB cable1+adapter2+ant down 4*: GSM1900 Idle +BT+WLAN5G+GNSS Rx+camera

(Back)+earphone+EUT1+USB cable1+adapter2+ant down

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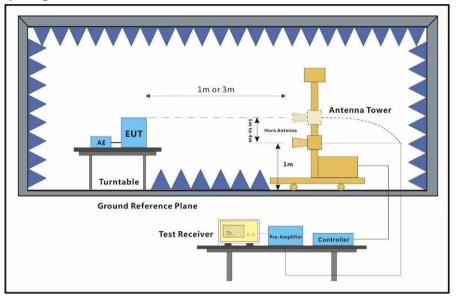


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The worst case 4*:GSM1900 Idle +BT+WLAN5G+GNSS Rx+camera for final test: (Back)+earphone+EUT1+USB cable1+adapter2+ant down

6.3.2 Test Setup Diagram



6.3.3 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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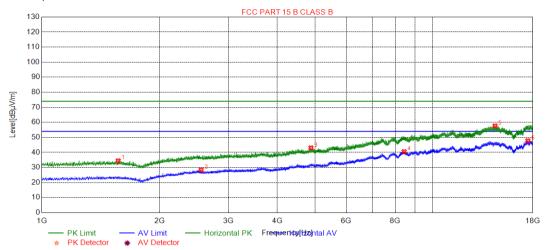
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Mode:4*; Polarization:Horizontal



Suspe	Suspected List												
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity					
1	1567.82	34.48	-30.36	74.00	39.52	100	45	Horizontal					
2	2554.72	28.34	-25.90	54.00	25.66	100	196	Horizontal					
3	4874.49	43.07	-17.89	74.00	30.93	100	158	Horizontal					
4	8436.17	40.57	-7.72	54.00	13.43	200	202	Horizontal					
5	14400.9	57.62	1.96	74.00	16.38	100	8	Horizontal					
6	17478.9	47.78	1.37	54.00	6.22	100	8	Horizontal					

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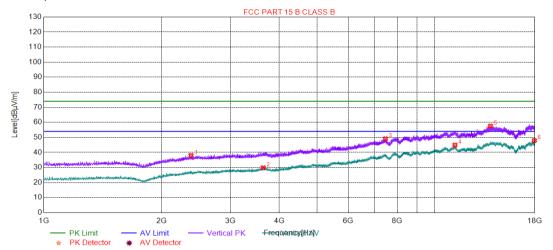
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Mode 4*; Polarization: Vertical



Suspe	Suspected List													
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity						
1	2378.76	37.97	-26.56	74.00	36.03	200	90	Vertical						
2	3637.68	29.81	-22.66	54.00	24.19	100	81	Vertical						
3	7467.97	49.08	-9.81	74.00	24.92	200	315	Vertical						
4	11243.8	44.90	-2.79	54.00	9.10	200	90	Vertical						
5	13856.0	57.52	1.99	74.00	16.48	200	240	Vertical						
6	17944.7	47.93	-0.07	54.00	6.07	200	165	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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7 Photographs

- 7.1 Conducted Emissions at Mains Terminals (150kHz-30MHz) Test Setup
- 7.2 Radiated Emissions (30MHz-1GHz) Test Setup
- 7.3 Radiated Emissions (above 1GHz) Test Setup
- 7.4 EUT Constructional Details (EUT Photos)

Refer to Photographs of EUT Constructional Details

- End of the Report -

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