



## TEST REPORT

**Application No.:** ZR/2020/80006  
**Applicant:** Motorola Mobility LLC  
**Address of Applicant:** 222 W Merchandise Mart Plaza, Suite 1800, Chicago IL 60654, USA  
**Manufacturer:** Motorola Mobility LLC  
**Address of Manufacturer:** 222 W Merchandise Mart Plaza, Suite 1800, Chicago IL 60654, USA  
**EUT Description:** Mobile Phone  
**Model No.:** XT2091-4  
**Trade Mark:** Motorola  
**FCC ID:** IHDT56ZK1  
**Standard(s) :** 47 CFR Part 15, Subpart B  
**Date of Receipt:** 2020/8/27  
**Date of Test:** 2020/9/3 to 2020/9/18  
**Date of Issue:** 2020/9/21

<b>Test Result:</b>	<b>Pass*</b>
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\* In the configuration tested, the EUT complied with the standards specified above.

Authorized Signature:

Derek Yang

Wireless Laboratory Manager



<i>Revision Record</i>				
<i>Version</i>	<i>Chapter</i>	<i>Date</i>	<i>Modifier</i>	<i>Remark</i>
01		2020/9/21		Original

<b>Authorized for issue by:</b>				
		<i>Louis He</i> <b>(Louis He) /Project Engineer</b>		
		<i>David Chen</i> <b>(David Chen) /Reviewer</b>		

## 2 Test Summary

<b>Emission Part</b>				
<b>Item</b>	<b>Standard</b>	<b>Method</b>	<b>Requirement</b>	<b>Result</b>
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

<b>Internal Source</b>	<b>Upper Frequency</b>
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

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## 4 General Information

Product Name:	Mobile Phone		
Model No.(EUT):	XT2091-4		
Trade Mark:	Motorola		
FCC ID:	IHDT56ZK1		
Hardware Version:	DVT2		
Software Version:	QZC30.Q4-22		
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 66	1716~1780	2110~2200
	WIFI 2.4G	2412~2462	2412~2462
	WIFI 5G	5150~5850	5150~5850
	BT	2402~2480	2402~2480
FM	87.5~108		
GNSS	1559~1610		
Adaptor Information 1#:	Model:	MC-201	
	Brand Name:	Motorola(Acbel)	
	SEC:	I/P: 100 - 240 Vac, 700mA, O/P: 5/10/12Vdc, 3000/2000/16700mA	
Adaptor Information 1#:	Model:	MC-202	
	Brand Name:	Motorola(Acbel)	
	SEC:	I/P: 100 - 240 Vac, 0.6 A, O/P:5.0V,3A;9.0V,2.23A ;12.0V,2.23A ;12.0V,1.67 A;10V,2.25A	
Adaptor Information 1#:	Model:	MC-203	
	Brand Name:	Motorola(Acbel)	
	SEC:	I/P: 100 - 240 Vac, 0.6 A, O/P:5.0V,3A;9.0V,2.23A ;12.0V,2.23A ;12.0V,1.67 A;10V,2.25A	
Adaptor Information 1#:	Model:	MC-205	
	Brand Name:	Motorola(Acbel)	
	SEC:	I/P: 100 - 240 Vac, 0.6 A, O/P:5.0V,3A;9.0V,2.23A ;12.0V,2.23A ;12.0V,1.67 A;10V,2.25A	
Adaptor Information 1#:	Model:	MC-206	
	Brand Name:	Motorola(Acbel)	
	SEC:	I/P: 100 - 240 Vac, 0.6 A, O/P:5.0V,3A;9.0V,2.23A ;12.0V,2.23A ;12.0V,1.67 A;10V,2.25A	

Adaptor Information 1#:	Model:	MC-209
	Brand Name:	Motorola(Acbel)
	SEC:	I/P: 100 - 240 Vac, 0.6 A, O/P:5.0V,3A;9.0V,2.23A ;12.0V,2.23A ;12.0V,1.67 A;10V,2.25A
Adaptor Information 2#:	Model:	MC-201
	Brand Name:	Motorola(Chenyang)
	SEC:	I/P: 100 - 240 Vac, 0.6 A, O/P:5.0V,3A;9.0V,2.23A ;12.0V,2.23A ;12.0V,1.67 A;10V,2.25A
Adaptor Information 2#:	Model:	MC-202
	Brand Name:	Motorola(Chenyang)
	SEC:	I/P: 100 - 240 Vac, 0.6 A, O/P:5.0V,3A;9.0V,2.23A ;12.0V,2.23A ;12.0V,1.67 A;10V,2.25A
Adaptor Information 2#:	Model:	MC-203
	Brand Name:	Motorola(Chenyang)
	SEC:	I/P: 100 - 240 Vac, 0.6 A, O/P:5.0V,3A;9.0V,2.23A ;12.0V,2.23A ;12.0V,1.67 A;10V,2.25A
Adaptor Information 2#:	Model:	MC-204
	Brand Name:	Motorola(Chenyang)
	SEC:	I/P: 100 - 240 Vac, 0.6 A, O/P:5.0V,3A;9.0V,2.23A ;12.0V,2.23A ;12.0V,1.67 A;10V,2.25A
Adaptor Information 2#:	Model:	MC-205
	Brand Name:	Motorola(Chenyang)
	SEC:	I/P: 100 - 240 Vac, 0.6 A, O/P:5.0V,3A;9.0V,2.23A ;12.0V,2.23A ;12.0V,1.67 A;10V,2.25A
Adaptor Information 2#:	Model:	MC-206
	Brand Name:	Motorola(Chenyang)
	SEC:	I/P: 100 - 240 Vac, 0.6 A, O/P:5.0V,3A;9.0V,2.23A ;12.0V,2.23A ;12.0V,1.67 A;10V,2.25A
Adaptor Information 2#:	Model:	MC-207
	Brand Name:	Motorola(Chenyang)
	SEC:	I/P: 100 - 240 Vac, 0.6 A, O/P:5.0V,3A;9.0V,2.23A ;12.0V,2.23A ;12.0V,1.67 A;10V,2.25A
Adaptor Information 3#:	Model:	MC-207
	Brand Name:	Motorola(Flex)
	SEC:	I/P: 100 - 240 Vac, 0.6 A, O/P:5.0V,3A;9.0V,2.23A ;12.0V,2.23A ;12.0V,1.67 A;10V,2.25A
Adaptor Information 4#:	Model:	MC-207
	Brand Name:	Motorola(Salcomp)
	SEC:	I/P: 100 - 240 Vac, 0.6 A,

		O/P:5.0V,3A;9.0V,2.23A ;12.0V,2.23A ;12.0V,1.67 A;10V,2.25A
Battery Information 1#:	Model:	MC50
	Brand Name:	Motorola (ATL)
	Normal Voltage:	3.87V
	Rated capacity:	5640mAh
USB cable Information1#:	Model:	SC18C24367
	Brand Name:	Motorola (Saibao)
USB cable Information2#:	Model:	SC18C24368
	Brand Name:	Motorola (Luxshare)
USB cable Information3#:	Model:	SC18C28955
	Brand Name:	Motorola (I SHENG)
USB cable Information4#:	Model:	SC18C78708
	Brand Name:	Motorola (Elcoa)
Earphone Information1#:	Model:	NLD-EM301K-15SF v1
	Brand Name:	Motorola (New Leader)
Bluetooth earphone Information1#:	Model:	SHO69
	Brand Name:	Motorola

**Note:** The adapter has multiple models from one manufacturer, only the pins are different and the other components are the same

\* GNSS = GPS + Glonass + Galileo

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



#### 4.3 Test Location

All tests were performed at:

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

Single floor D, building 1, Kanghong orange square science and technology park, No.137 keyuan 3rd road, fengdong new town, Xi 'an city, shanxi China. 518057.

Tel: +86 (0) 29 6282 7885 Fax: +86 (0) 29 6282 7885

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

#### 4.5 Deviation from Standards

None

#### 4.6 Abnormalities from Standard Conditions

None

## 5 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

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

## 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(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

#### 6.1.1 E.U.T. Operation

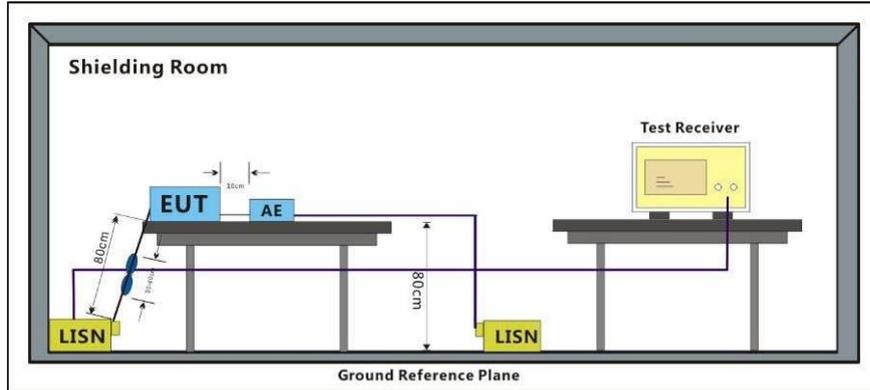
Operating Environment:

Temperature: 18.9 °C      Humidity: 55.1 % RH      Atmospheric Pressure: 1000 mbar

Pretest these modes to find the worst case:

- a: Transfer data between the EUT and the PC+USB cable 1
- b: Transfer data between the EUT and the PC+USB cable 2
- c: Transfer data between the EUT and the PC+USB cable 3
- d: Transfer data between the EUT and the PC+USB cable 4
- e: GSM850 Link+BT+WLAN2.4G+GPS Rx+playing MP4+earphone+EUT+USB cable1+adapter1
- f: GSM1900 Link +BT+WLAN5G+GPS Rx+camera (Back)+earphone+EUT+USB cable1+adapter2
- g: WCDMA II Link +BT+WLAN2.4G+GPS Rx+camera (Front)+earphone+EUT1+USB cable1+adapter3
- h: WCDMA VI Link +BT+WLAN5G+GPS Rx+camera (Back)+earphone+EUT+USB cable1+adapter4
- i: WCDMA V Link +BT+WLAN5G+GPS Rx+camera (Back)+earphone+EUT+USB cable1+adapter1
- j: LTE band 2 Idle +BT+ WLAN5G+GNSS Rx +earphone+EUT+USB cable1+adapter1
- k: LTE band 4 Idle +BT+FM +WLAN2.4G+GNSS Rx+earphone+EUT+USB cable1+adapter1
- l: LTE band 5 Idle +BT+FM+WLAN5G+GNSS Rx+earphone+EUT+USB cable1+adapter1
- m: LTE band 7 Idle +BT+FM+WLAN2.4G+GNSS Rx+earphone+EUT+USB cable1+adapter1
- n: LTE band 66 Idle +BT+FM+WLAN5G+GNSS Rx +earphone+EUT+USB cable1+adapter1
- The worst case for final test: g: WCDMA II Link +BT+WLAN2.4G+GPS Rx+camera (Front)+earphone+EUT1+USB cable1+adapter3

**6.1.2 Test Setup Diagram**

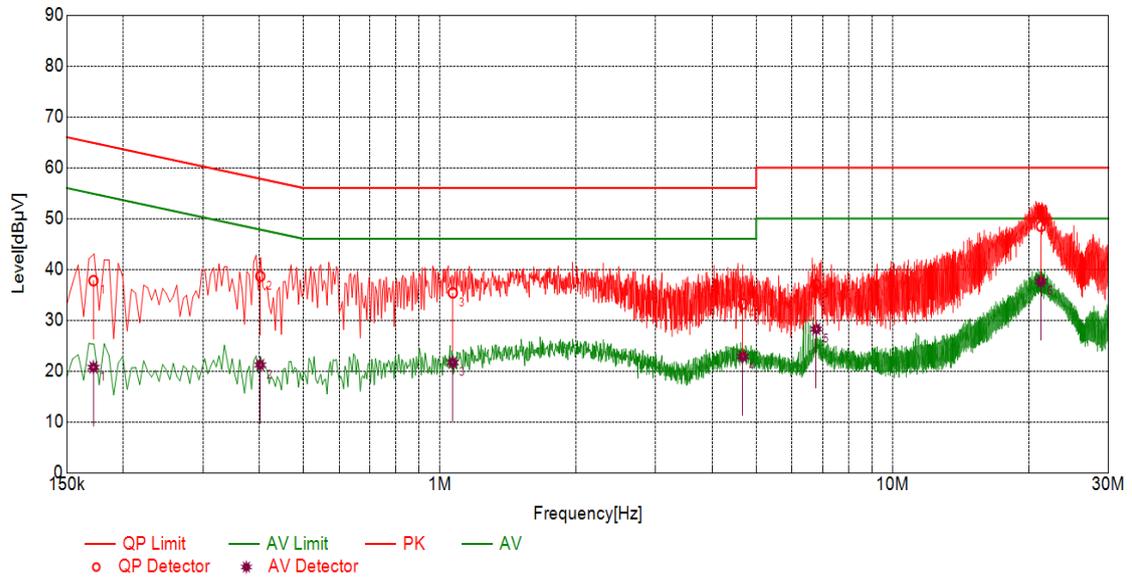


**6.1.3 Measurement Data**

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.



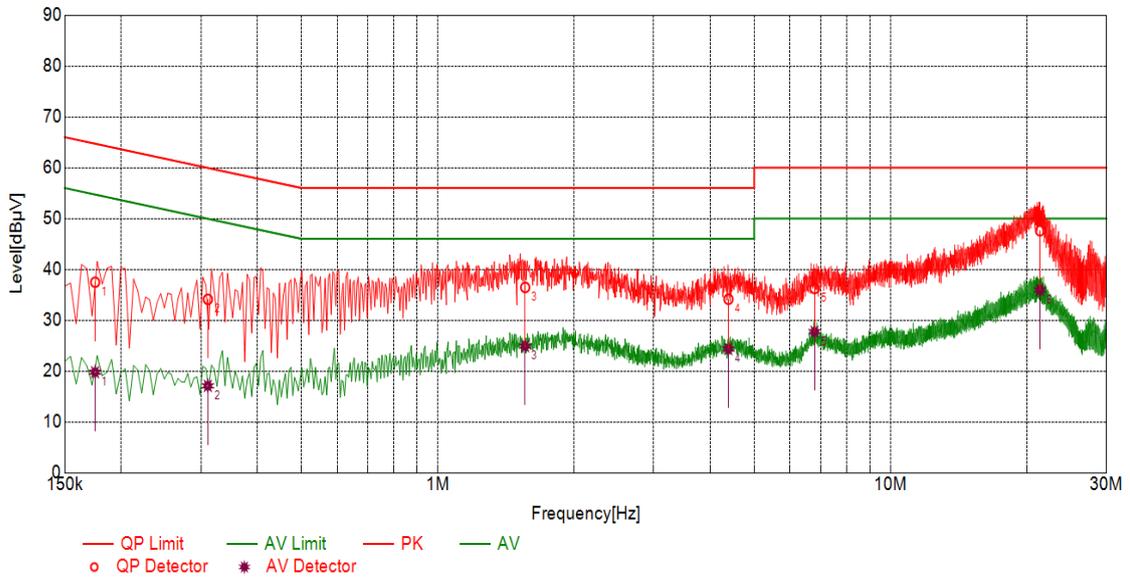
Mode:g; Line:Live Line



### 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	0.1719	10.10	37.78	64.87	27.09	20.73	54.87	34.14	L
2	0.4014	10.10	38.64	57.82	19.18	21.20	47.82	26.62	L
3	1.0686	10.10	35.39	56.00	20.61	21.67	46.00	24.33	L
4	4.6692	10.10	33.21	56.00	22.79	22.87	46.00	23.13	L
5	6.7873	10.10	37.02	60.00	22.98	28.26	50.00	21.74	L
6	21.2666	10.11	48.47	60.00	11.53	37.62	50.00	12.38	L

Mode:g; Line:Neutral Line



### 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	0.1751	10.10	37.47	64.71	27.24	19.78	54.71	34.93	N
2	0.3107	10.10	34.11	59.95	25.84	17.09	49.95	32.86	N
3	1.5597	10.10	36.45	56.00	19.55	24.90	46.00	21.10	N
4	4.3846	10.10	34.13	56.00	21.87	24.34	46.00	21.66	N
5	6.7961	10.10	36.25	60.00	23.75	27.75	50.00	22.25	N
6	21.3800	10.11	47.60	60.00	12.40	35.94	50.00	14.06	N

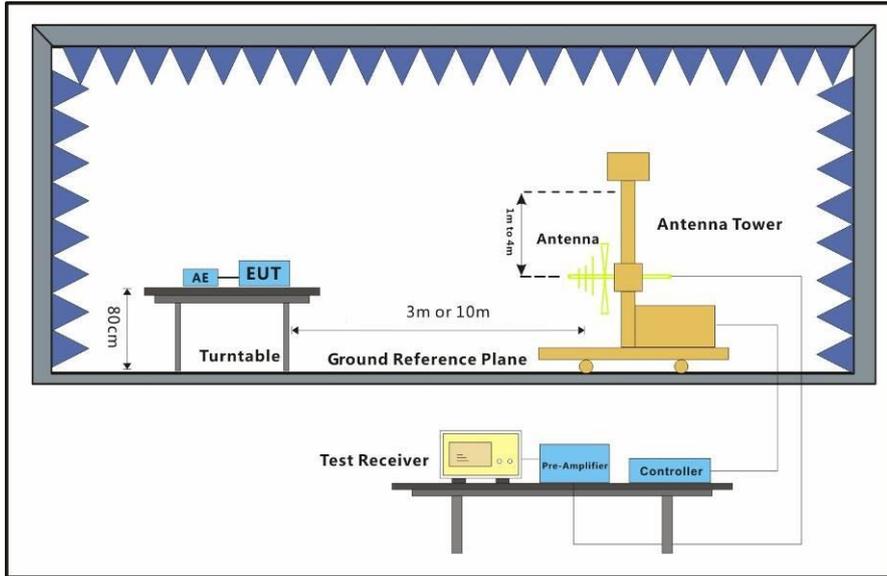
**6.2 Radiated Emissions (30MHz-1GHz)**

Test Requirement: 47 CFR Part 15, Subpart B  
 Test Method: ANSI C63.4:2014  
 Frequency Range: 30MHz to 1GHz  
 Measurement Distance: 3m  
 Limit:  
 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

**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:  
 a:Transfer data between the EUT and the PC+USB cable 1  
 b:Transfer data between the EUT and the PC+USB cable 2  
 c:Transfer data between the EUT and the PC+USB cable 3  
 d:Transfer data between the EUT and the PC+USB cable 4  
 e: GSM850 Idle +BT+WLAN2.4G+GPS Rx+playing MP4+earphone+EUT+USB cable1+adapter1  
 f:GSM1900 Idle +BT+WLAN5G+GPS Rx+camera (Back)+earphone+EUT+USB cable1+adapter2  
 g:WCDMA II Idle +BT+WLAN2.4G+GPS Rx+camera (Front)+earphone+EUT1+USB cable1+adapter3  
 h:WCDMA VI Idle +BT+WLAN5G+GPS Rx+camera (Back)+earphone+EUT+USB cable1+adapter4  
 i:WCDMA V Idle +BT+WLAN5G+GPS Rx+camera (Back)+earphone+EUT+USB cable1+adapter1  
 j:LTE band 2 Idle +BT+ WLAN5G+GNSS Rx +earphone+EUT+USB cable1+adapter1  
 k:LTE band 4 Idle +BT+FM +WLAN2.4G+GNSS Rx+earphone+EUT+USB cable1+adapter1  
 l:LTE band 5 Idle +BT+FM+WLAN5G+GNSS Rx+earphone+EUT+USB cable1+adapter1  
 m:LTE band 7 Idle +BT+FM+WLAN2.4G+GNSS Rx+earphone+EUT+USB cable1+adapter1  
 n:LTE band 66 Idle +BT+FM+WLAN5G+GNSS Rx +earphone+EUT+USB cable1+adapter1  
 The worst case for final test:  
 a:Transfer data between the EUT and the PC+USB cable 1

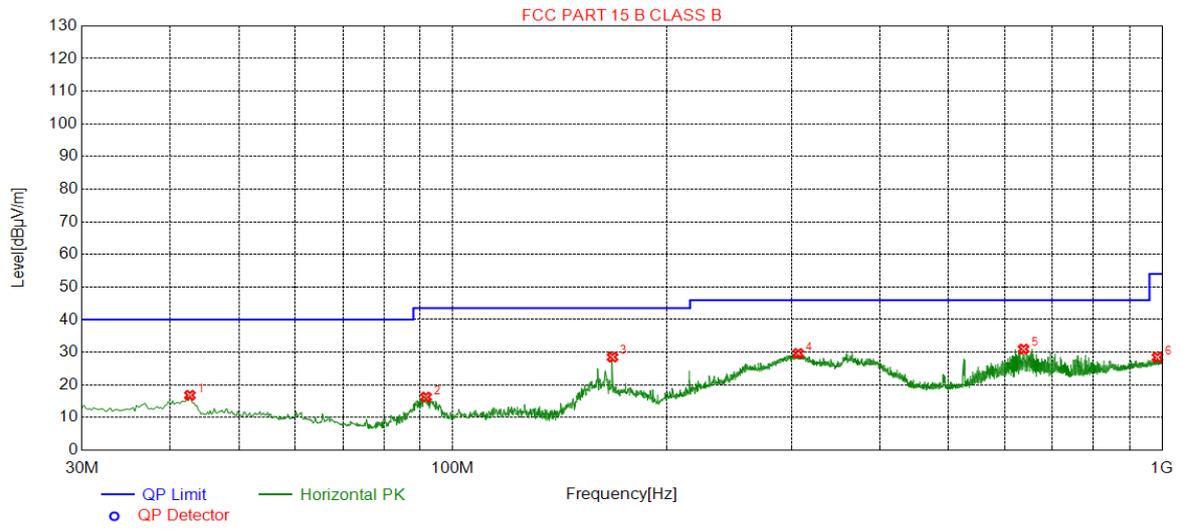
**6.2.2 Test Setup Diagram**



**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.

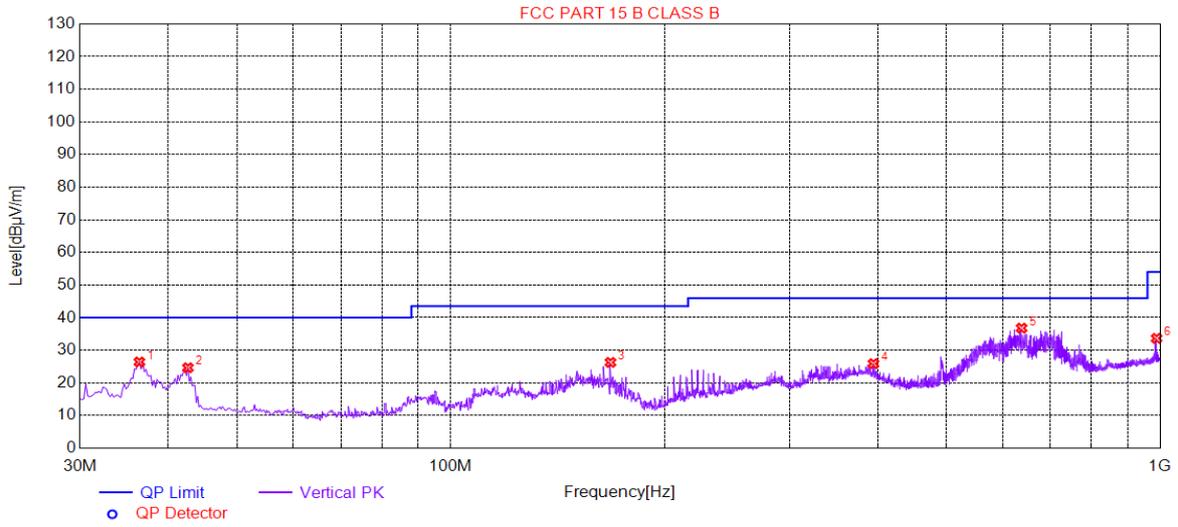
Mode:a; Polarization:Horizontal



**Suspected List**

NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	42.6125	16.85	-29.43	40.00	23.15	200	127	Horizontal
2	91.7043	16.31	-33.43	43.50	27.19	200	48	Horizontal
3	167.961	28.54	-34.16	43.50	14.96	200	80	Horizontal
4	306.893	29.65	-28.07	46.00	16.35	100	58	Horizontal
5	637.923	31.00	-20.17	46.00	15.00	100	60	Horizontal
6	985.059	28.47	-15.00	54.00	25.53	100	75	Horizontal

Mode:a; Polarization:Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	36.4033	26.44	-29.51	40.00	13.56	100	323	Vertical
2	42.6125	24.67	-29.43	40.00	15.33	100	259	Vertical
3	167.961	26.31	-34.16	43.50	17.19	100	56	Vertical
4	394.404	25.92	-25.63	46.00	20.08	100	1	Vertical
5	637.923	36.81	-20.17	46.00	9.19	100	171	Vertical
6	988.745	33.68	-14.95	54.00	20.32	100	12	Vertical

**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

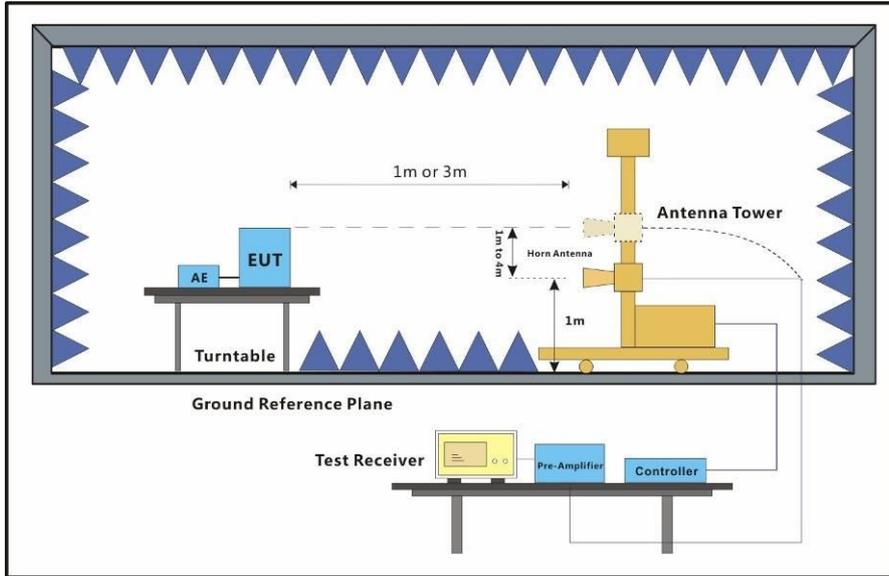
Pretest these modes to find the worst case:

- a:Transfer data between the EUT and the PC+USB cable 1
- b:Transfer data between the EUT and the PC+USB cable 2
- c:Transfer data between the EUT and the PC+USB cable 3
- d:Transfer data between the EUT and the PC+USB cable 4
- e: GSM850 Idle +BT+WLAN2.4G+GPS Rx+playing MP4+earphone+EUT+USB cable1+adapter1
- f:GSM1900 Idle +BT+WLAN5G+GPS Rx+camera (Back)+earphone+EUT+USB cable1+adapter2
- g:WCDMA II Idle +BT+WLAN2.4G+GPS Rx+camera (Front)+earphone+EUT1+USB cable1+adapter3
- h:WCDMA VI Idle +BT+WLAN5G+GPS Rx+camera (Back)+earphone+EUT+USB cable1+adapter4
- i:WCDMA V Idle +BT+WLAN5G+GPS Rx+camera (Back)+earphone+EUT+USB cable1+adapter1
- j:LTE band 2 Idle +BT+ WLAN5G+GNSS Rx +earphone+EUT+USB cable1+adapter1
- k:LTE band 4 Idle +BT+FM +WLAN2.4G+GNSS Rx+earphone+EUT+USB cable1+adapter1
- l:LTE band 5 Idle +BT+FM+WLAN5G+GNSS Rx+earphone+EUT+USB cable1+adapter1
- m:LTE band 7 Idle +BT+FM+WLAN2.4G+GNSS Rx+earphone+EUT+USB cable1+adapter1
- n:LTE band 66 Idle +BT+FM+WLAN5G+GNSS Rx +earphone+EUT+USB cable1+adapter1

The worst case for final test:

- a:Transfer data between the EUT and the PC+USB cable 1

**6.3.2 Test Setup Diagram**

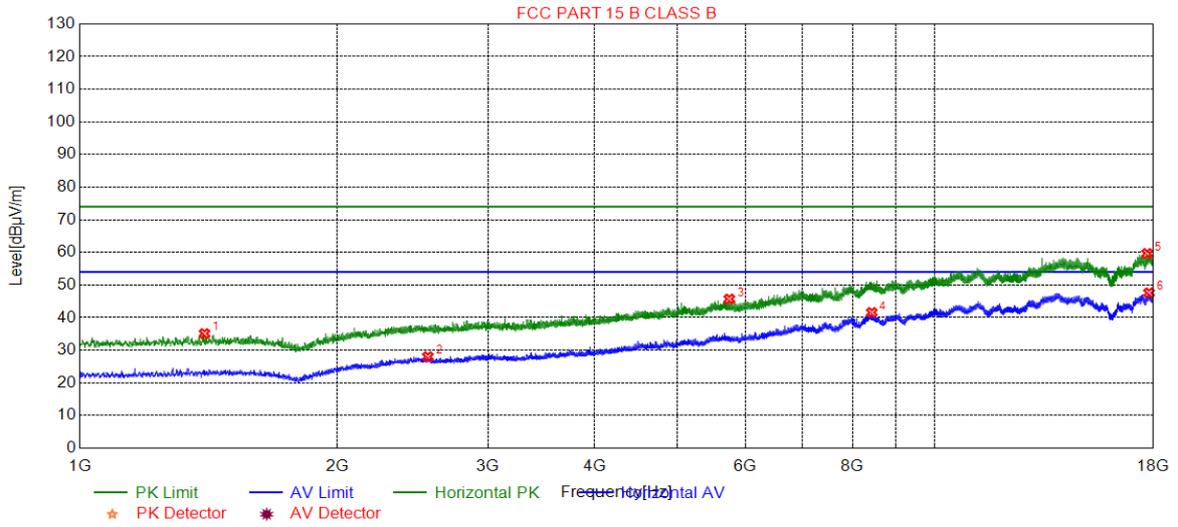


**6.3.3 Measurement Data**

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.

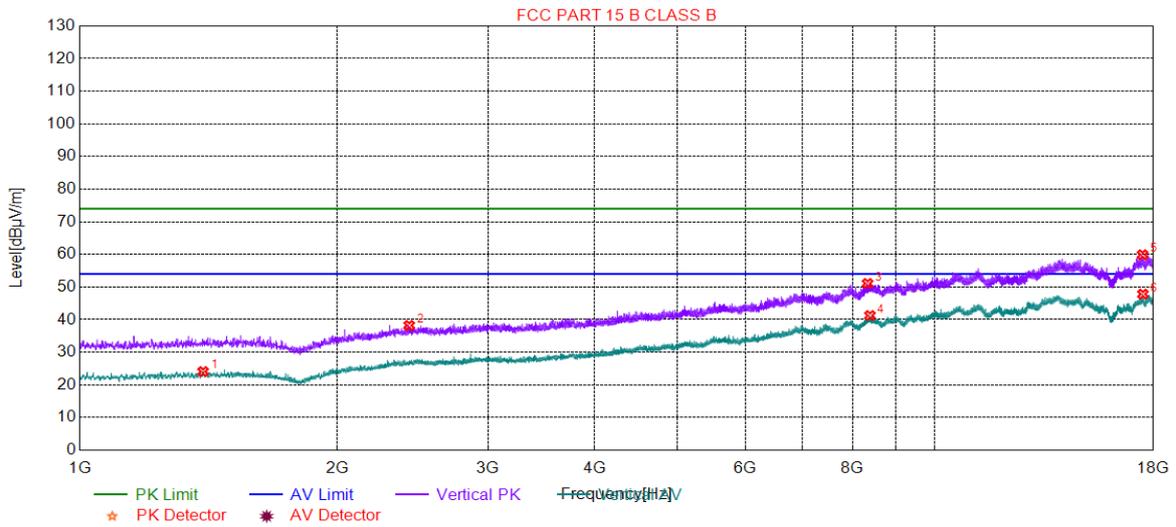


Mode:a; Polarization:Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1398.66	35.15	-30.30	74.00	38.85	200	242	Horizontal
2	2552.17	28.07	-25.90	54.00	25.93	100	4	Horizontal
3	5745.78	45.73	-15.69	74.00	28.27	100	156	Horizontal
4	8431.07	41.60	-7.73	54.00	12.40	100	156	Horizontal
5	17697.3	59.68	1.03	74.00	14.32	100	194	Horizontal
6	17786.6	47.62	0.74	54.00	6.38	200	166	Horizontal

Mode:a; Polarization:Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1393.56	24.11	-30.32	54.00	29.89	100	269	Vertical
2	2427.22	38.25	-26.32	74.00	35.75	100	156	Vertical
3	8337.56	51.09	-7.76	74.00	22.91	100	156	Vertical
4	8391.11	41.27	-7.79	54.00	12.73	100	344	Vertical
5	17480.6	59.91	1.39	74.00	14.09	100	232	Vertical
6	17496.7	47.85	1.60	54.00	6.15	200	53	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.



## **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 -