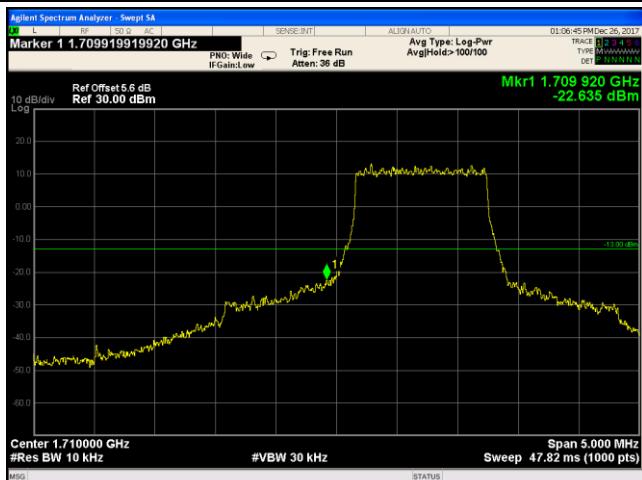


LTE Band IV (Part 27)

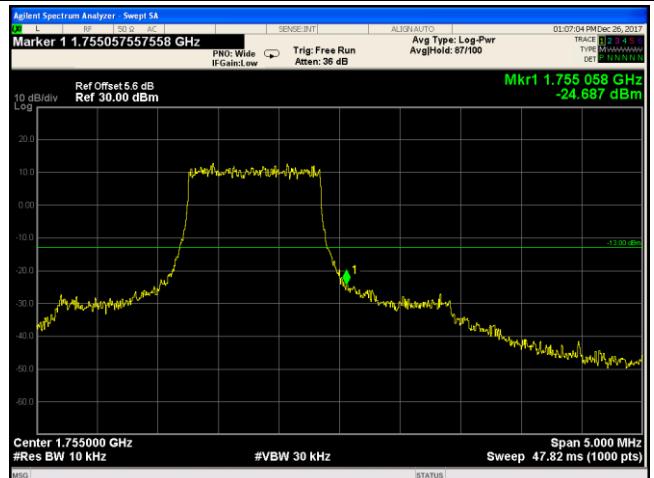


LTE Band IV - Low Channel QPSK-1.4

Note: Offset=Cable loss (4.5) + 10log
 $(13.07/10)=4.5+1.1=5.6$ dB

LTE Band IV - High Channel QPSK-1.4

Note: Offset=Cable loss (4.5) + 10log
 $(13.18/10)=4.5+1.1=5.6$ dB

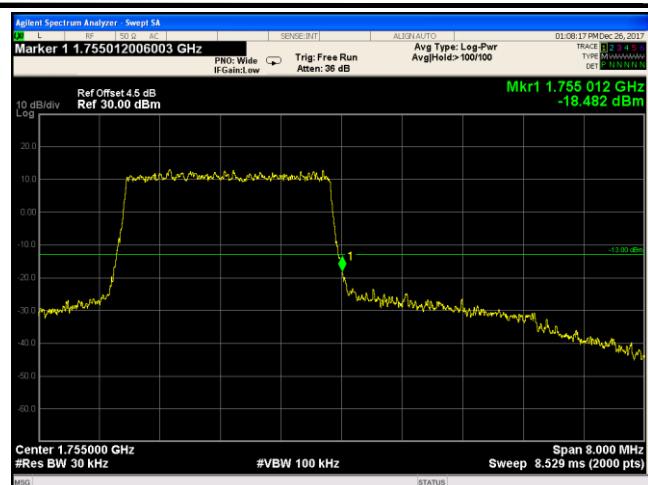


LTE Band IV - Low Channel 16QAM-1.4

Note: Offset=Cable loss (4.5) + 10log
 $(13.20/10)=4.5+1.1=5.6$ dB

LTE Band IV - High Channel 16QAM-1.4

Note: Offset=Cable loss (4.5) + 10log
 $(13.12/10)=4.5+1.1=5.6$ dB



LTE Band IV - Low Channel QPSK-3

Note: Offset=Cable loss (4.5) + 10log
 $(30.77/30)=4.5+0.1=4.6$ dB

LTE Band IV - High Channel QPSK-3

Note: Offset=Cable loss (4.5) + 10log
 $(30.87/30)=4.5+0.1=4.6$ dB

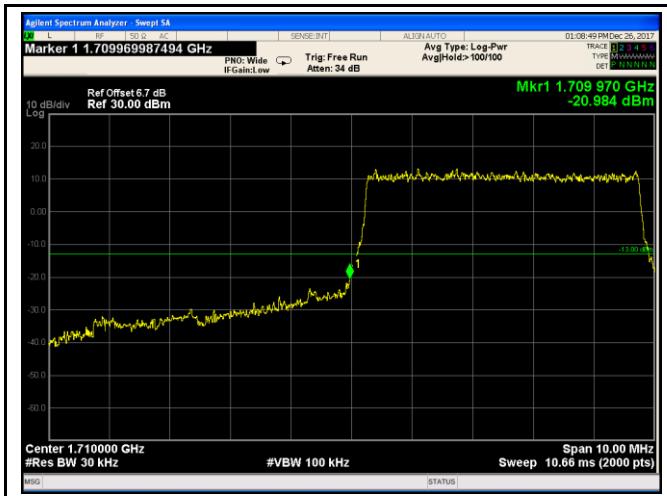
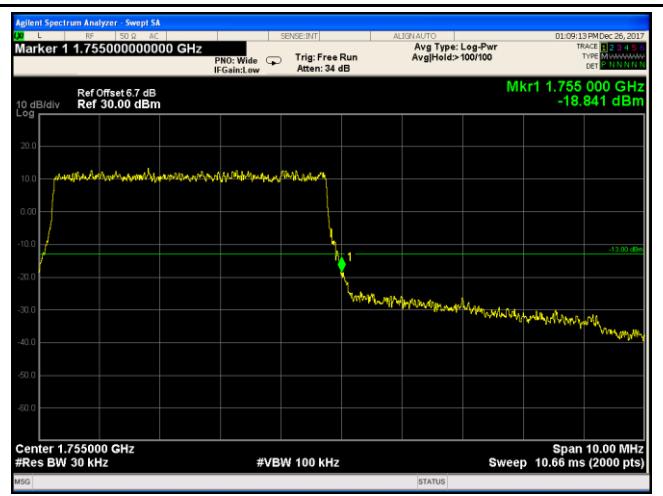
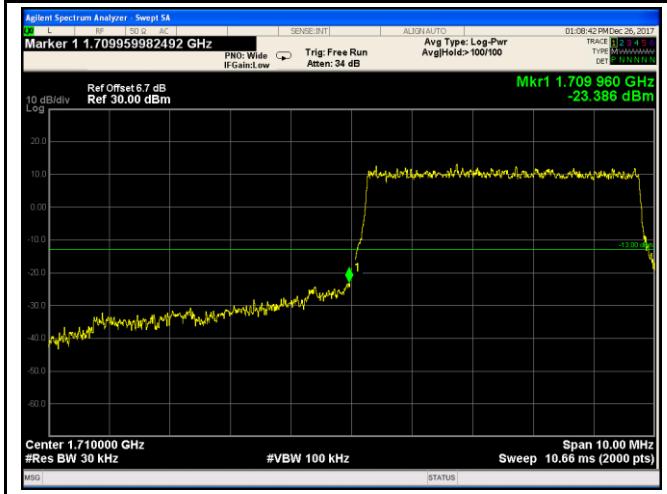


LTE Band IV - Low Channel 16QAM-3

Note: Offset=Cable loss (4.5) + 10log
 $(30.61/30)=4.5+0.1=4.6$ dB

LTE Band IV - High Channel 16QAM-3

Note: Offset=Cable loss (4.5) + 10log
 $(30.48/30)=4.5+0.0=4.5$ dB

 <p>Marker 1 1.709 970 GHz -20.984 dBm</p> <p>Center 1.710000 GHz #Res BW 30 kHz #VBW 100 kHz Avg Type: Log-Pwr AvgHold>100/100</p>	 <p>Marker 1 1.755 000 GHz -18.841 dBm</p> <p>Center 1.755000 GHz #Res BW 30 kHz #VBW 100 kHz Avg Type: Log-Pwr AvgHold>100/100</p>
<p>LTE Band IV - Low Channel QPSK-5</p> <p>Note: Offset=Cable loss (4.5) + 10log $(50.42/30)=4.5+2.2=6.7$ dB</p>	<p>LTE Band IV - High Channel QPSK-5</p> <p>Note: Offset=Cable loss (4.5) + 10log $(50.17/30)=4.5+2.2=6.7$ dB</p>
 <p>Marker 1 1.709 960 GHz -23.386 dBm</p> <p>Center 1.710000 GHz #Res BW 30 kHz #VBW 100 kHz Avg Type: Log-Pwr AvgHold>100/100</p>	 <p>Marker 1 1.755 000 GHz -18.841 dBm</p> <p>Center 1.755000 GHz #Res BW 30 kHz #VBW 100 kHz Avg Type: Log-Pwr AvgHold>100/100</p>
<p>LTE Band IV - Low Channel 16QAM-5</p> <p>Note: Offset=Cable loss (4.5) + 10log $(50.11/30)=4.5+2.2=6.7$ dB</p>	<p>LTE Band IV - High Channel 16QAM-5</p> <p>Note: Offset=Cable loss (4.5) + 10log $(50.08/30)=4.5+2.2=6.7$ dB</p>



LTE Band IV - Low Channel QPSK-10



LTE Band IV - Low Channel 16QAM-10

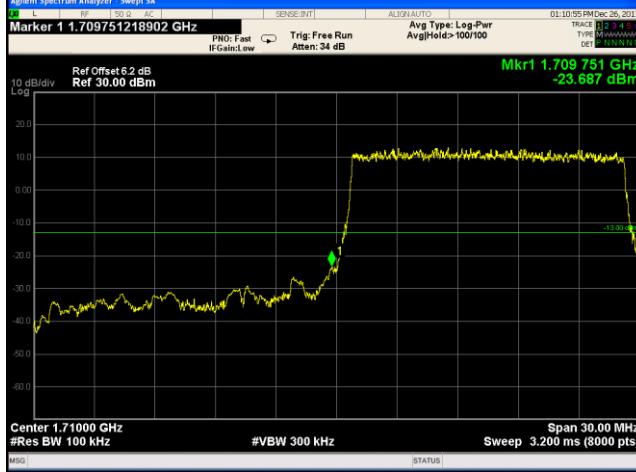
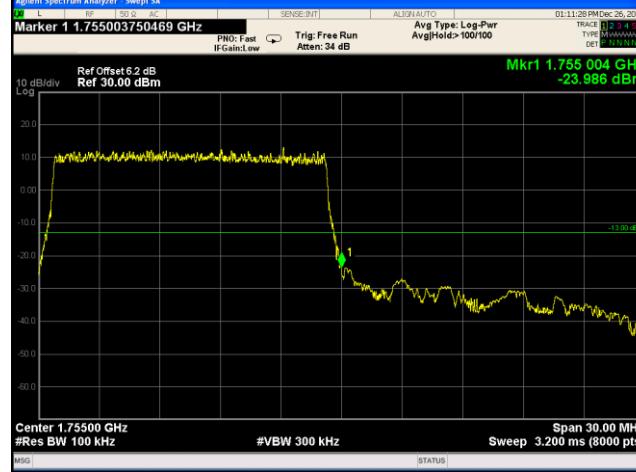
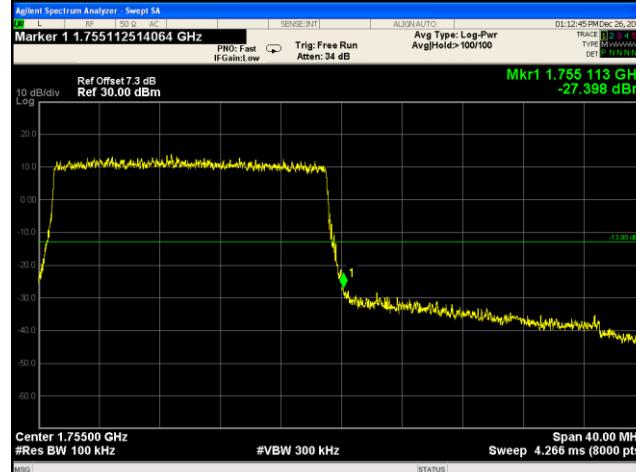


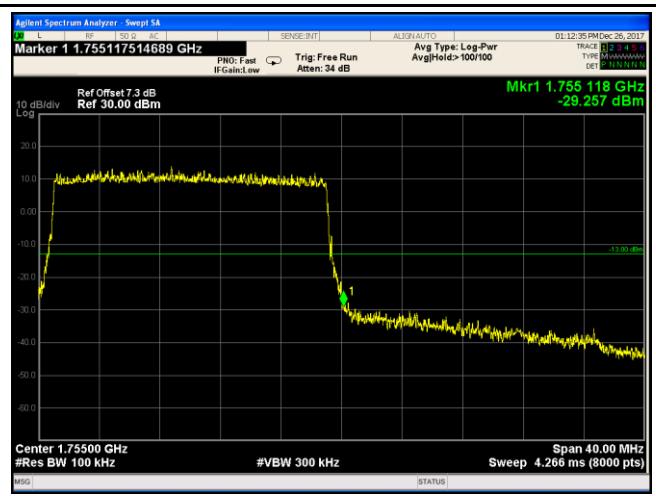
LTE Band IV - Low Channel QPSK-15

Note: Offset=Cable loss (4.5) + 10log
 $(146.4/100)=4.5+1.7=6.2 \text{ dB}$

LTE Band IV - High Channel QPSK-15

Note: Offset=Cable loss (4.5) + 10log
 $(196.2/100)=4.5+1.7=6.2 \text{ dB}$

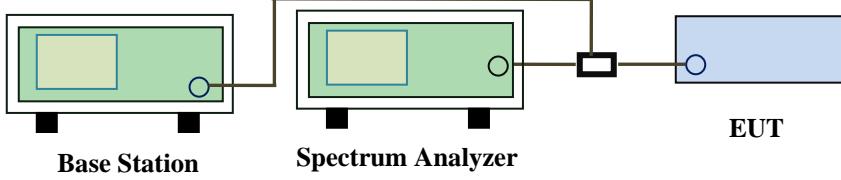
 <p>Marker 1 1.709751218902 GHz PNO: Fast IFGain:Low Trig: Free Run Atten: 34 dB</p> <p>Mkr1 1.709 751 GHz -23.687 dBm</p> <p>Ref Offset 6.2 dB Ref 30.00 dBm</p> <p>10 dB/div Log</p> <p>Center 1.71000 GHz #Res BW 100 kHz #VBW 300 kHz Span 30.00 MHz Sweep 3.200 ms (8000 pts)</p>	 <p>Marker 1 1.755003750469 GHz PNO: Fast IFGain:Low Trig: Free Run Atten: 34 dB</p> <p>Mkr1 1.755 004 GHz -23.986 dBm</p> <p>Ref Offset 6.2 dB Ref 30.00 dBm</p> <p>10 dB/div Log</p> <p>Center 1.75500 GHz #Res BW 100 kHz #VBW 300 kHz Span 30.00 MHz Sweep 3.200 ms (8000 pts)</p>
<p>LTE Band IV - Low Channel 16QAM-15</p> <p>Note: Offset=Cable loss (4.5) + 10log $(146.8/100)=4.5+1.7=6.2$ dB</p>	<p>LTE Band IV - High Channel 16QAM-15</p> <p>Note: Offset=Cable loss (4.5) + 10log $(145.1/100)=4.5+1.7=6.2$ dB</p>
 <p>Marker 1 1.709984998125 GHz PNO: Fast IFGain:Low Trig: Free Run Atten: 34 dB</p> <p>Mkr1 1.709 985 GHz -23.618 dBm</p> <p>Ref Offset 7.3 dB Ref 30.00 dBm</p> <p>10 dB/div Log</p> <p>Center 1.71000 GHz #Res BW 100 kHz #VBW 300 kHz Span 40.00 MHz Sweep 4.266 ms (8000 pts)</p>	 <p>Marker 1 1.755112514064 GHz PNO: Fast IFGain:Low Trig: Free Run Atten: 34 dB</p> <p>Mkr1 1.755 113 GHz -27.398 dBm</p> <p>Ref Offset 7.3 dB Ref 30.00 dBm</p> <p>10 dB/div Log</p> <p>Center 1.75500 GHz #Res BW 100 kHz #VBW 300 kHz Span 40.00 MHz Sweep 4.266 ms (8000 pts)</p>
<p>LTE Band IV - Low Channel QPSK-20</p> <p>Note: Offset=Cable loss (4.5) + 10log $(192.1/100)=4.5+2.8=7.3$ dB</p>	<p>LTE Band IV - High Channel QPSK-20</p> <p>Note: Offset=Cable loss (4.5) + 10log $(196.2/100)=4.5+2.8=7.3$ dB</p>

 <p>Marker 1 1.70999998750 GHz PN0: Fast IFGain:Low Trig: Free Run Atten: 34 dB Avg Type: Log-Pwr AvgHold>100/100</p> <p>Mkr1 1.709 990 GHz -25.653 dBm</p> <p>10 dB/div Ref Offset 7.3 dB Ref 30.00 dBm</p> <p>Center 1.71000 GHz #Res BW 100 kHz #VBW 300 kHz Span 40.00 MHz Sweep 4.266 ms (8000 pts)</p>	 <p>Marker 1 1.755117514689 GHz PN0: Fast IFGain:Low Trig: Free Run Atten: 34 dB Avg Type: Log-Pwr AvgHold>100/100</p> <p>Mkr1 1.755 118 GHz -28.257 dBm</p> <p>10 dB/div Ref Offset 7.3 dB Ref 30.00 dBm</p> <p>Center 1.75500 GHz #Res BW 100 kHz #VBW 300 kHz Span 40.00 MHz Sweep 4.266 ms (8000 pts)</p>
<p>LTE Band IV - Low Channel 16QAM-20</p>	<p>LTE Band IV - High Channel 16QAM-20</p>
<p>Note: Offset=Cable loss (4.5) + 10log (190.3/100)=4.5+2.8=7.3dB</p>	<p>Note: Offset=Cable loss (4.5) + 10log (191.6/100)=4.5+2.8=7.3 dB</p>

6.8 Band Edge 27.53(m)

Temperature	26 °C
Relative Humidity	56%
Atmospheric Pressure	1022mbar
Test date :	December 26, 2017
Tested By :	Aaron Liang

Requirement(s):

Spec	Requirement	Applicable
§27.53(m)	According to FCC 27.53(m)(4) specified that power of any emission outside of the channel edge must be attenuated below the transmitting power(P) by a factor shall be not less than $43+10\log(P)$ dB at the channel edge, the limit of emission equal to -13dBm. And $55+10\log(P)$ dB at 5.5MHz from the channel edges, the limit of emission equal to -25dBm. In the 1MHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.	<input checked="" type="checkbox"/>
Test Setup	 <p style="text-align: center;">Base Station Spectrum Analyzer EUT</p>	
Test Procedure	<ul style="list-style-type: none"> The EUT was connected to Spectrum Analyzer and Base Station via power divider. The 99% and 26 dB occupied bandwidth (BW) of the middle channel for the highest RF powers. 	
Remark		
Result	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	

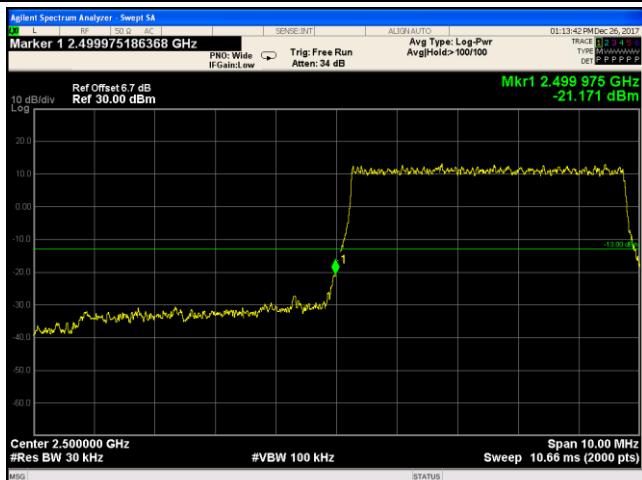
Test Data Yes N/A

Test Plot Yes (See below) N/A

LTE Band VII (Part 27) result

BW(MHz)	Channel	Frequency (MHz)	Mode	Emission (dBm)	Limit (dBm)
5	20775	2500	QPSK	-21.171	-13
			16QAM	-19.569	-13
5	21425	2570	QPSK	-23.401	-13
			16QAM	-20.741	-13
10	20800	2500	QPSK	-21.744	-13
			16QAM	-22.174	-13
10	21400	2570	QPSK	-22.071	-13
			16QAM	-21.324	-13
15	20825	2500	QPSK	-25.420	-13
			16QAM	-25.682	-13
15	21400	2570	QPSK	-24.016	-13
			16QAM	-25.670	-13
20	20850	2500	QPSK	-21.790	-13
			16QAM	-21.271	-13
20	21350	2571	QPSK	-19.579	-13
			16QAM	-19.918	-13

LTE Band VII (Part 27)

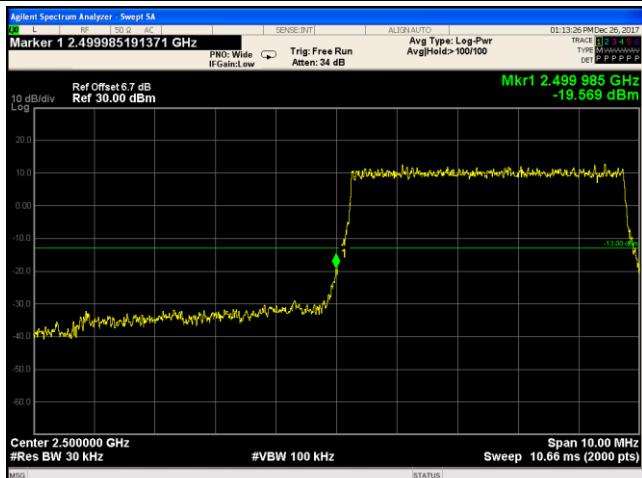


LTE Band VII - Low Channel QPSK-5

Note: Offset=Cable loss (4.5) + 10log
(49.89/30)=4.5+2.2=6.7 dB

LTE Band VII - High Channel QPSK-5

Note: Offset=Cable loss (4.5) + 10log
(50.05/30)=4.5+2.2=6.7 dB



LTE Band VII - Low Channel 16QAM-5

Note: Offset=Cable loss (4.5) + 10log
(49.83/30)=4.5+2.2=6.7 dB

LTE Band VII - High Channel 16QAM-5

Note: Offset=Cable loss (4.5) + 10log
(50.37/30)=4.5+2.2=6.7 dB



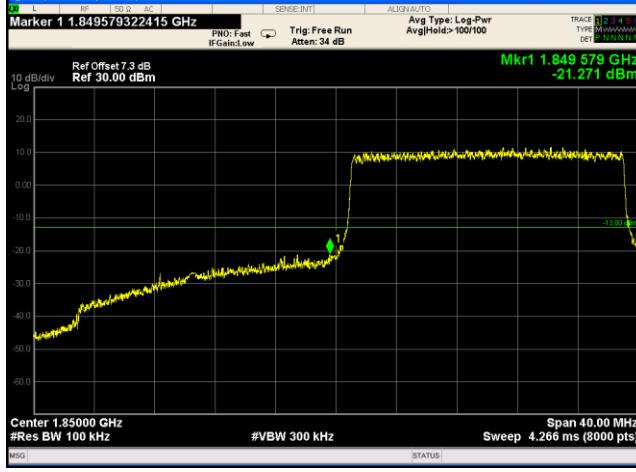
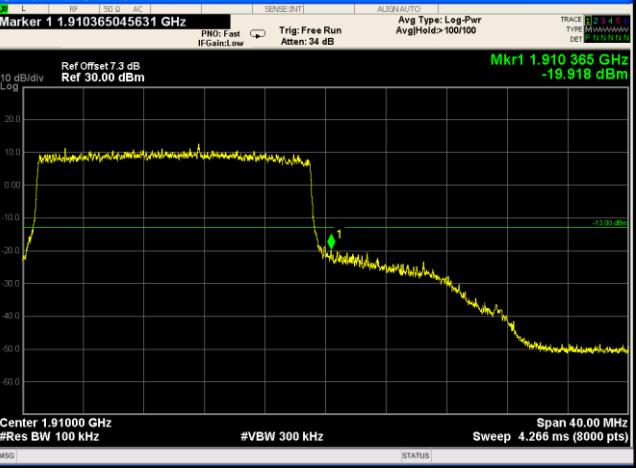
LTE Band VII - Low Channel QPSK-10



LTE Band VII - Low Channel 16QAM-10

LTE Band VII - High Channel 16QAM-10

 <p>Agilent Spectrum Analyzer - Swept SA Marker 1 2.498723589824 GHz PWD: Fast IFGain:Low Trig: Free Run Avg Type: Log-Pwr AvgHold>100/100 Ref Offset 5.2 dB Ref 30.00 dBm 10 dB/div Log Center 2.50000 GHz #Res BW 100 kHz #VBW 300 kHz Span 3.00 MHz Sweep 3.200 ms (8000 pts) MKE1 2.498 724 GHz -25.420 dBm</p>	 <p>Agilent Spectrum Analyzer - Swept SA Marker 1 2.570024378047 GHz PWD: Fast IFGain:Low Trig: Free Run Avg Type: Log-Pwr AvgHold>100/100 Ref Offset 6.3 dB Ref 30.00 dBm 10 dB/div Log Center 2.57000 GHz #Res BW 100 kHz #VBW 300 kHz Span 3.00 MHz Sweep 3.200 ms (8000 pts) MKE1 2.570 024 GHz -24.016 dBm</p>
<p>LTE Band VII - Low Channel QPSK-15</p> <p>Note: Offset=Cable loss (4.5) + 10log $(146.5/100)=4.5+1.7=6.2$ dB</p>	<p>LTE Band VII - High Channel QPSK-15</p> <p>Note: Offset=Cable loss (4.5) + 10log $(145.5/100)=4.5+1.8=6.3$ dB</p>
 <p>Agilent Spectrum Analyzer - Swept SA Marker 1 2.498749843105 GHz PWD: Fast IFGain:Low Trig: Free Run Avg Type: Log-Pwr AvgHold>100/100 Ref Offset 5.2 dB Ref 30.00 dBm 10 dB/div Log Center 2.50000 GHz #Res BW 100 kHz #VBW 300 kHz Span 3.00 MHz Sweep 3.200 ms (8000 pts) MKE1 2.498 750 GHz -25.682 dBm</p>	 <p>Agilent Spectrum Analyzer - Swept SA Marker 1 2.570024378047 GHz PWD: Fast IFGain:Low Trig: Free Run Avg Type: Log-Pwr AvgHold>100/100 Ref Offset 6.3 dB Ref 30.00 dBm 10 dB/div Log Center 2.57000 GHz #Res BW 100 kHz #VBW 300 kHz Span 3.00 MHz Sweep 3.200 ms (8000 pts) MKE1 2.570 024 GHz -25.670 dBm</p>
<p>LTE Band VII - Low Channel 16QAM-15</p> <p>Note: Offset=Cable loss (4.5) + 10log $(146.4/100)=4.5+1.7=6.2$ dB</p>	<p>LTE Band VII - High Channel 16QAM-15</p> <p>Note: Offset=Cable loss (4.5) + 10log $(145.5/100)=4.5+1.8=6.3$ dB</p>

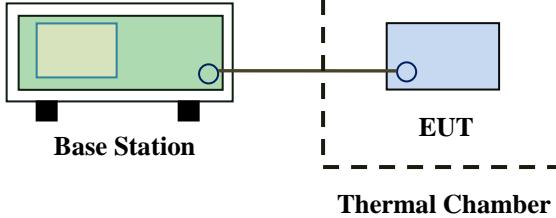
 <p>Marker 1 1.849874359295 GHz PNO: Fast IfGainLow Trig: Free Run Atten: 34 dB Avg Type: Log-Pwr AvgHold>100/100 Ref Offset 7.3 dB Ref 30.00 dBm Mkr1 1.849 874 GHz -21.790 dBm 10 dB/div Log Center 1.85000 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 4.266 ms (8000 pts) MSG [STATUS]</p>	 <p>Marker 1 1.910575071884 GHz PNO: Fast IfGainLow Trig: Free Run Atten: 34 dB Avg Type: Log-Pwr AvgHold>100/100 Ref Offset 7.3 dB Ref 30.00 dBm Mkr1 1.910 575 GHz -18.579 dBm 10 dB/div Log Center 1.91000 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 4.266 ms (8000 pts) MSG [STATUS]</p>
<p>LTE Band VII - Low Channel QPSK-20</p> <p>Note: Offset=Cable loss (4.5) + 10log $(193.3/100)=4.5+2.8=7.3$ dB</p>	<p>LTE Band VII - High Channel QPSK-20</p> <p>Note: Offset=Cable loss (4.5) + 10log $(193.2/100)=4.5+2.8=7.3$ dB</p>
 <p>Marker 1 1.849578322415 GHz PNO: Fast IfGainLow Trig: Free Run Atten: 34 dB Avg Type: Log-Pwr AvgHold>100/100 Ref Offset 7.3 dB Ref 30.00 dBm Mkr1 1.849 579 GHz -21.271 dBm 10 dB/div Log Center 1.85000 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 4.266 ms (8000 pts) MSG [STATUS]</p>	 <p>Marker 1 1.910365045631 GHz PNO: Fast IfGainLow Trig: Free Run Atten: 34 dB Avg Type: Log-Pwr AvgHold>100/100 Ref Offset 7.3 dB Ref 30.00 dBm Mkr1 1.910 365 GHz -19.918 dBm 10 dB/div Log Center 1.91000 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 4.266 ms (8000 pts) MSG [STATUS]</p>
<p>LTE Band VII - Low Channel 16QAM-20</p> <p>Note: Offset=Cable loss (4.5) + 10log $(193.8/100)=4.5+2.8=7.3$ dB</p>	<p>LTE Band VII - High Channel 16QAM-20</p> <p>Note: Offset=Cable loss (4.5) + 10log $(193.2/100)=4.5+2.8=7.3$ dB</p>

6.9 Frequency Stability

Temperature	25 °C
Relative Humidity	55%
Atmospheric Pressure	1017mbar
Test date :	December 23, 2017
Tested By :	Aaron Liang

Requirement(s):

Spec	Item	Requirement	Applicable																																
§2.1055, §22.355 & §24.235 § 27.5(h); § 27.54	a)	<p>According to §22.355, the carrier frequency of each transmitter in the Public Mobile Services must be maintained within the tolerances given in Table below:</p> <p>Frequency Tolerance for Transmitters in the Public Mobile Services</p> <table border="1"> <thead> <tr> <th>Frequency Range (MHz)</th> <th>Base, fixed (ppm)</th> <th>Mobile ≤ 3 watts (ppm)</th> <th>Mobile ≤ 3 watts (ppm)</th> </tr> </thead> <tbody> <tr> <td>25 to 50</td> <td>20.0</td> <td>20.0</td> <td>50.0</td> </tr> <tr> <td>50 to 450</td> <td>5.0</td> <td>5.0</td> <td>50.0</td> </tr> <tr> <td>450 to 512</td> <td>2.5</td> <td>5.0</td> <td>50.0</td> </tr> <tr> <td>821 to 896</td> <td>1.5</td> <td>2.5</td> <td>2.5</td> </tr> <tr> <td>928 to 929.</td> <td>5.0</td> <td>N/A</td> <td>N/A</td> </tr> <tr> <td>929 to 960.</td> <td>1.5</td> <td>N/A</td> <td>N/A</td> </tr> <tr> <td>2110 to 2220</td> <td>10.0</td> <td>N/A</td> <td>N/A</td> </tr> </tbody> </table> <p>According to §24.235, the frequency stability shall be sufficient to ensure that the fundamental emissions stay within the authorized frequency block.</p> <p>According to §27.54, The frequency stability shall be sufficient to ensure that the fundamental emissions stay within the authorized bands of operation.</p>	Frequency Range (MHz)	Base, fixed (ppm)	Mobile ≤ 3 watts (ppm)	Mobile ≤ 3 watts (ppm)	25 to 50	20.0	20.0	50.0	50 to 450	5.0	5.0	50.0	450 to 512	2.5	5.0	50.0	821 to 896	1.5	2.5	2.5	928 to 929.	5.0	N/A	N/A	929 to 960.	1.5	N/A	N/A	2110 to 2220	10.0	N/A	N/A	<input checked="" type="checkbox"/>
Frequency Range (MHz)	Base, fixed (ppm)	Mobile ≤ 3 watts (ppm)	Mobile ≤ 3 watts (ppm)																																
25 to 50	20.0	20.0	50.0																																
50 to 450	5.0	5.0	50.0																																
450 to 512	2.5	5.0	50.0																																
821 to 896	1.5	2.5	2.5																																
928 to 929.	5.0	N/A	N/A																																
929 to 960.	1.5	N/A	N/A																																
2110 to 2220	10.0	N/A	N/A																																

Test setup	 <p>Base Station EUT Thermal Chamber</p>
Procedure	<p>A communication link was established between EUT and base station. The frequency error was monitored and measured by base station under variation of ambient temperature and variation of primary supply voltage.</p> <p>Limit: The frequency stability of the transmitter shall be maintained within $\pm 0.00025\%$ ($\pm 2.5\text{ppm}$) of the center frequency.</p>
Remark	<p>Frequency Stability versus Temperature: The Frequency tolerance of the carrier signal shall be maintained within 2.5ppm of the operating frequency over a temperature variation of -10°C to $+55^\circ\text{C}$ at normal supply voltage.</p>
Result	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail

Test Data Yes N/A

Test Plot Yes (See below) N/A

LTE Band II (Part 24E) result

Middle Channel, $f_0 = 1880$ MHz				
Temperature (°C)	Power Supplied (V _{DC})	Frequency Error (Hz)	Frequency Error (ppm)	Limit (ppm)
-10	3.7	-12	0.0069	2.5
0		-13	0.0075	2.5
10		-11	0.0063	2.5
20		-13	0.0075	2.5
30		-11	0.0063	2.5
40		-12	0.0069	2.5
50		-8	0.0046	2.5
55		-14	0.0081	2.5
25	4.2	-9	0.0052	2.5
	3.5	-11	0.0063	2.5

LTE Band IV (Part 27) result

Middle Channel, $f_0 = 1732.5$ MHz				
Temperature (°C)	Power Supplied (V _{DC})	Frequency Error (Hz)	Frequency Error (ppm)	Limit (ppm)
-10	3.7	-12	0.0069	2.5
0		-15	0.0087	2.5
10		-13	0.0075	2.5
20		-16	0.0092	2.5
30		-12	0.0069	2.5
40		-9	0.0052	2.5
50		-8	0.0046	2.5
55		-8	0.0046	2.5
25	4.2	-10	0.0058	2.5
	3.5	-14	0.0081	2.5

LTE Band VII (Part 27) result

Middle Channel, $f_0 = 2535$ MHz				
Temperature (°C)	Power Supplied (V _{DC})	Frequency Error (Hz)	Frequency Error (ppm)	Limit (ppm)
-10	3.7	-12	0.0069	2.5
0		-16	0.0092	2.5
10		-16	0.0092	2.5
20		-16	0.0092	2.5
30		-15	0.0087	2.5
40		-13	0.0075	2.5
50		-8	0.0046	2.5
55		-13	0.0075	2.5
25	4.2	-15	0.0087	2.5
	3.5	-12	0.0069	2.5

Annex A. TEST INSTRUMENT

Instrument	Model	Serial #	Cal Date	Cal Due	In use
RF Conducted Test					
Agilent ESA-E SERIES SPECTRUM ANALYZER	E4407B	MY45108319	09/14/2017	09/13/2018	<input checked="" type="checkbox"/>
Power Splitter	1#	1#	08/30/2017	08/29/2018	<input checked="" type="checkbox"/>
Universal Radio Communication Tester	CMU200	121393	09/23/2017	09/22/2018	<input checked="" type="checkbox"/>
Wideband Radio Communication Tester	CMW500	120906	03/26/2017	03/25/2018	<input checked="" type="checkbox"/>
Temperature/Humidity Chamber	UHL-270	001	10/07/2017	10/06/2018	<input checked="" type="checkbox"/>
DC Power Supply	E3640A	MY40004013	09/15/2017	09/14/2018	<input checked="" type="checkbox"/>
RF Power Sensor	Dare RPR3006C/P/W	AY554013	09/15/2017	09/14/2018	<input checked="" type="checkbox"/>
Radiated Emissions					
EMI test receiver	ESL6	100262	09/15/2017	09/14/2018	<input checked="" type="checkbox"/>
OPT 010 AMPLIFIER (0.1-1300MHz)	8447E	2727A02430	08/30/2017	08/29/2018	<input checked="" type="checkbox"/>
Microwave Preamplifier (0.5 ~ 18GHz)	PAM-118	443008	08/30/2017	08/29/2018	<input checked="" type="checkbox"/>
Horn Antenna	BBHA9170	3145226D1	09/27/2017	09/26/2018	<input checked="" type="checkbox"/>
Bilog Antenna (30MHz~6GHz)	JB6	A110712	09/19/2017	09/18/2018	<input checked="" type="checkbox"/>
Bilog Antenna (30MHz~2GHz)	JB1	A112017	09/19/2017	09/18/2018	<input checked="" type="checkbox"/>
Double Ridge Horn Antenna (1 ~18GHz)	AH-118	71259	09/22/2017	09/21/2018	<input checked="" type="checkbox"/>
Double Ridge Horn Antenna (1 ~18GHz)	AH-118	71283	09/22/2017	09/21/2018	<input checked="" type="checkbox"/>
SYNTHESIZED SIGNAL GENERATOR	8665B	3744A01293	09/15/2017	09/14/2018	<input checked="" type="checkbox"/>

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Tunable Notch Filter	3NF-800/1000-S	AA4	08/30/2017	08/29/2018	<input checked="" type="checkbox"/>
Tunable Notch Filter	3NF-1000/2000-S	AM 4	08/30/2017	08/29/2018	<input checked="" type="checkbox"/>

Annex B. EUT And Test Setup Photographs

Annex B.i. Photograph: EUT External Photo

Whole Package View



Adapter - Lable View



EUT - Front View



EUT - Rear View



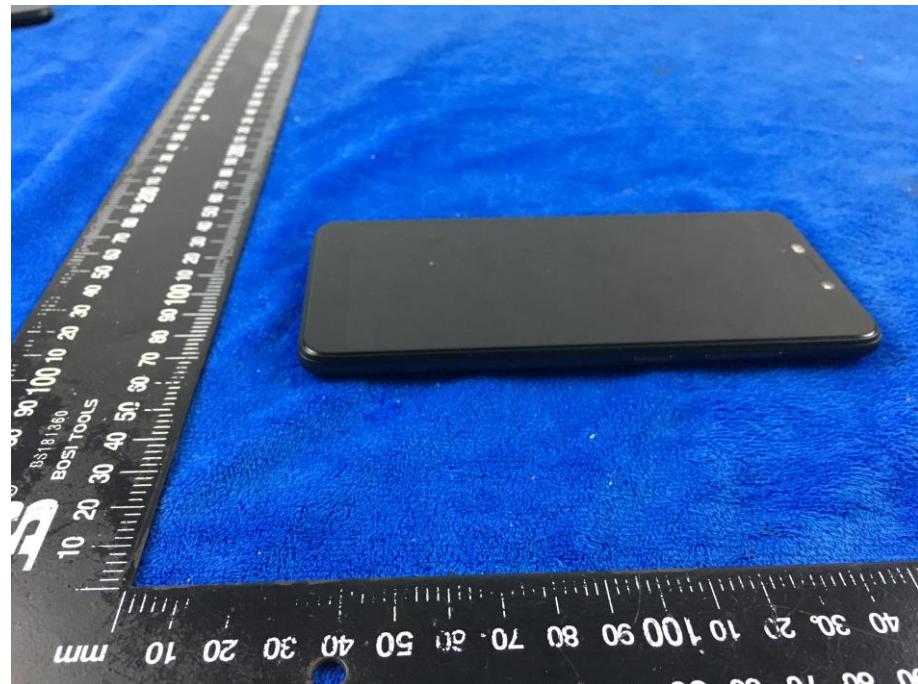
EUT - Top View



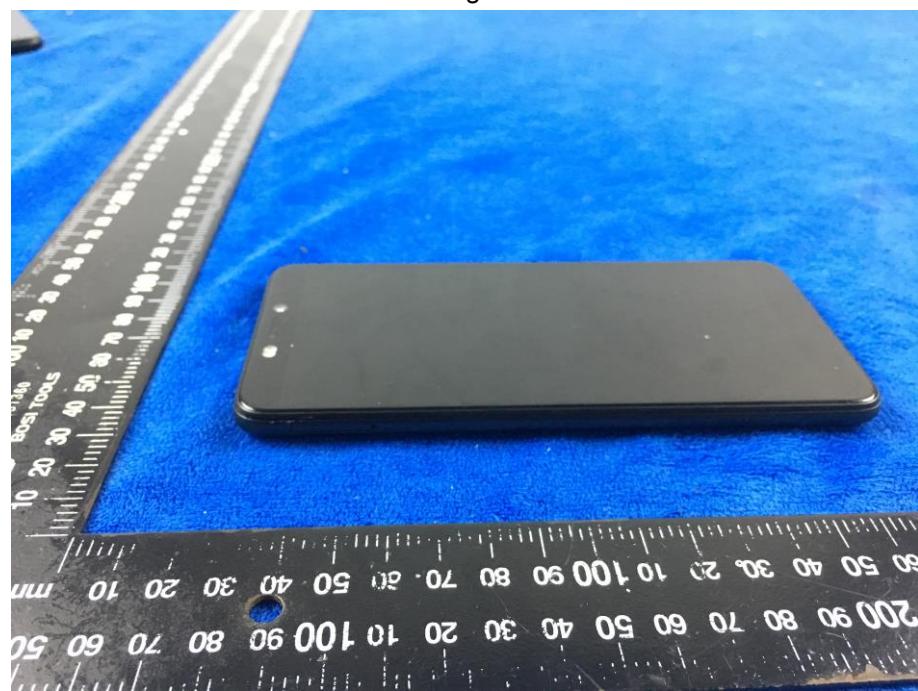
EUT - Bottom View



EUT - Left View



EUT - Right View



Annex B.ii. Photograph: EUT Internal Photo

Cover Off - Top View 1



Cover Off - Top View 2



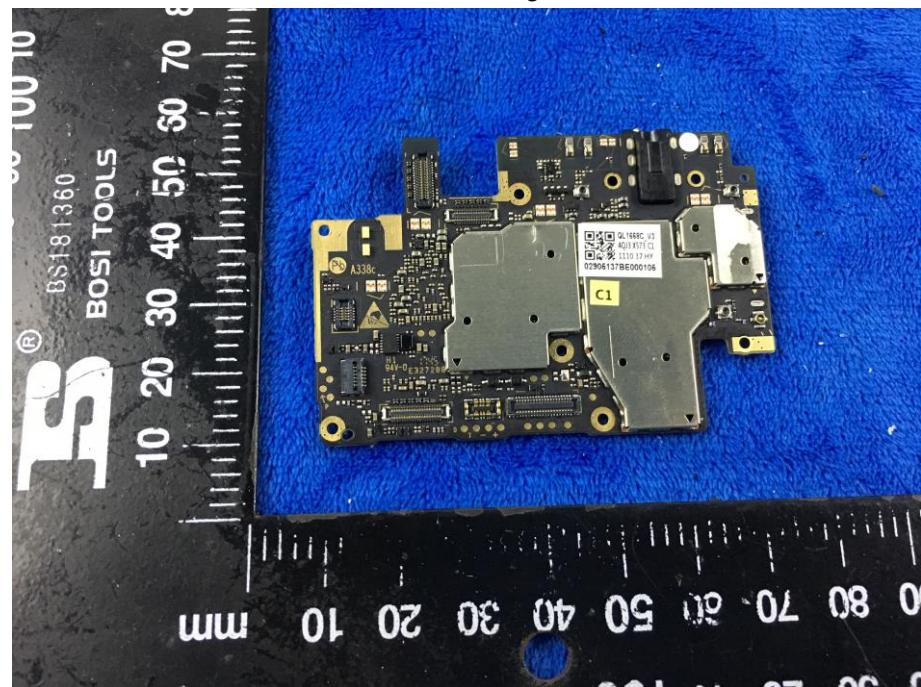
Battery - Front View



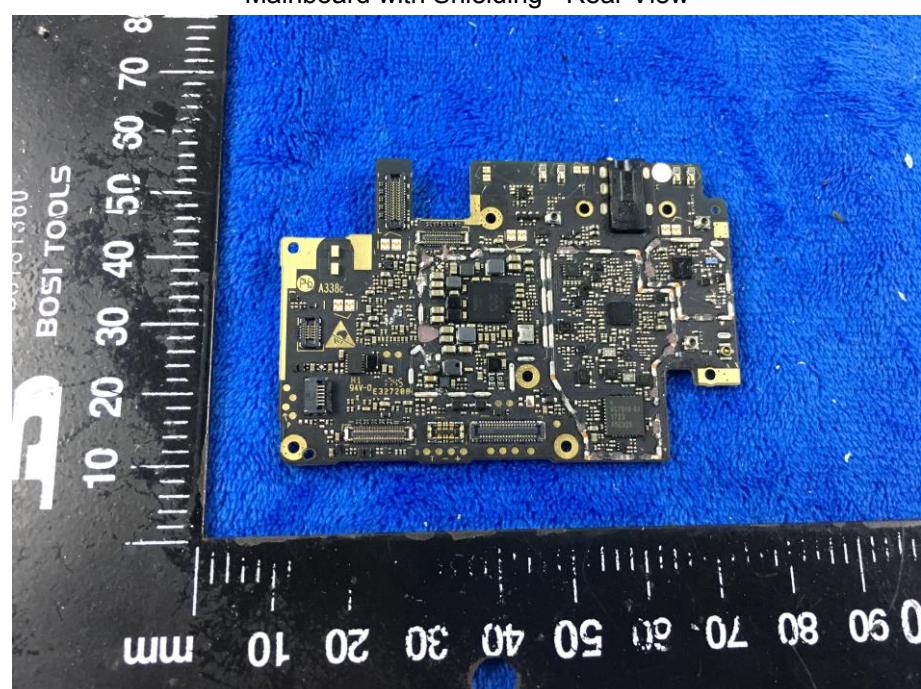
Battery - Rear View



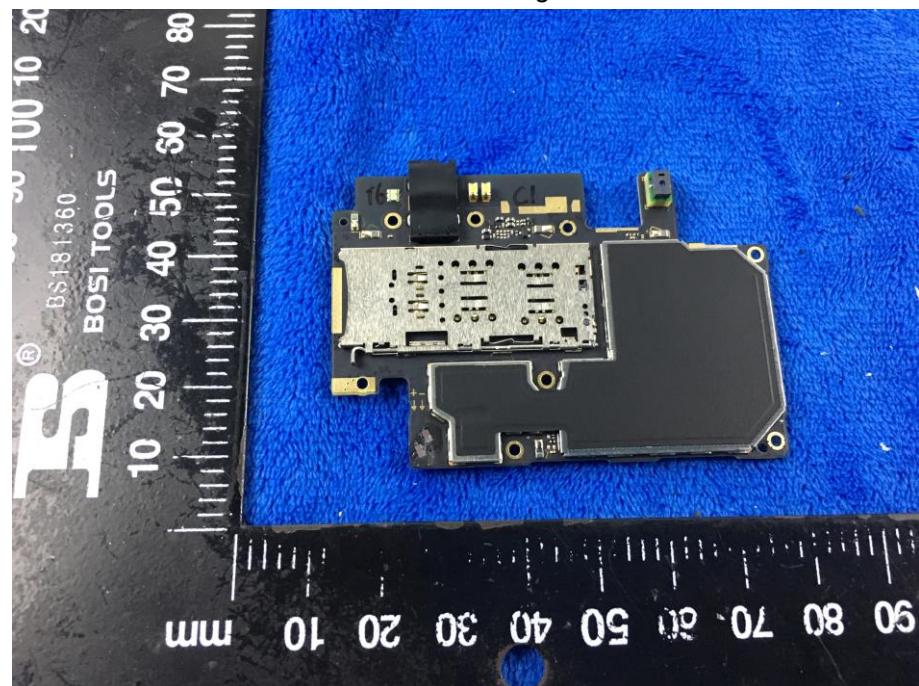
Mainboard with Shielding - Front View



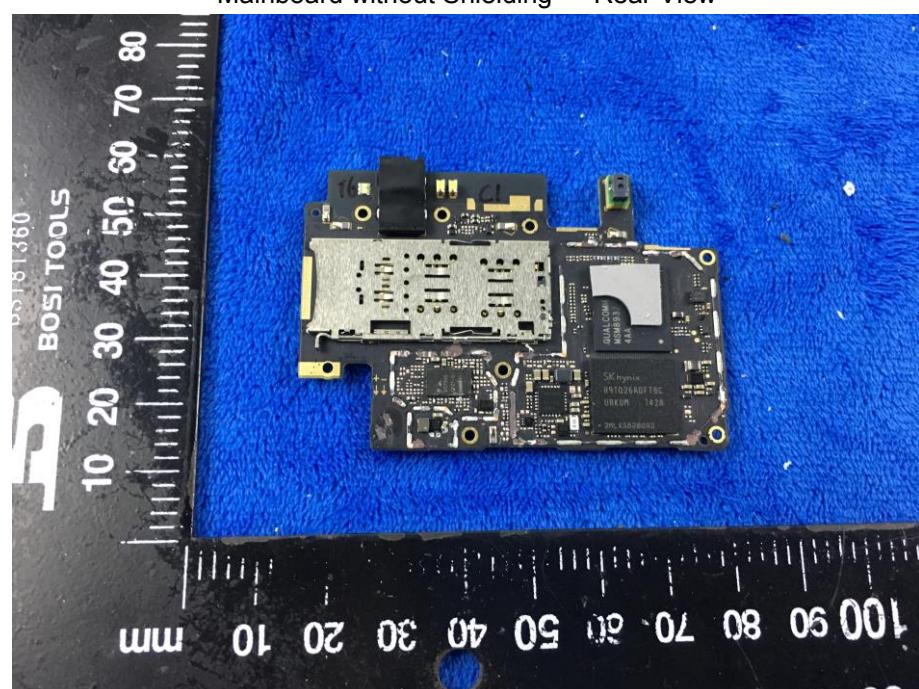
Mainboard with Shielding - Rear View



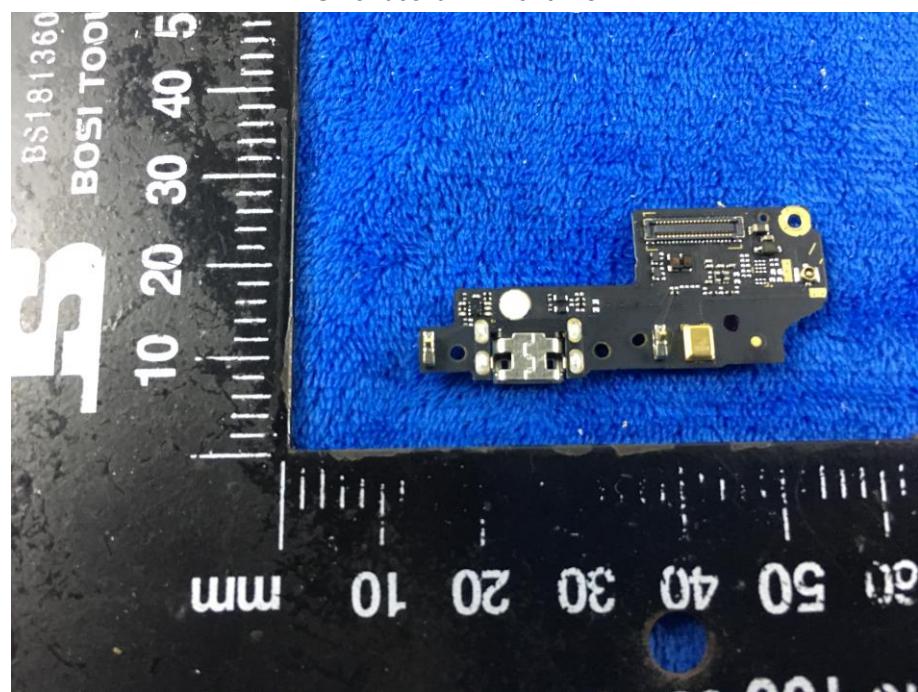
Mainboard without Shielding – Front View



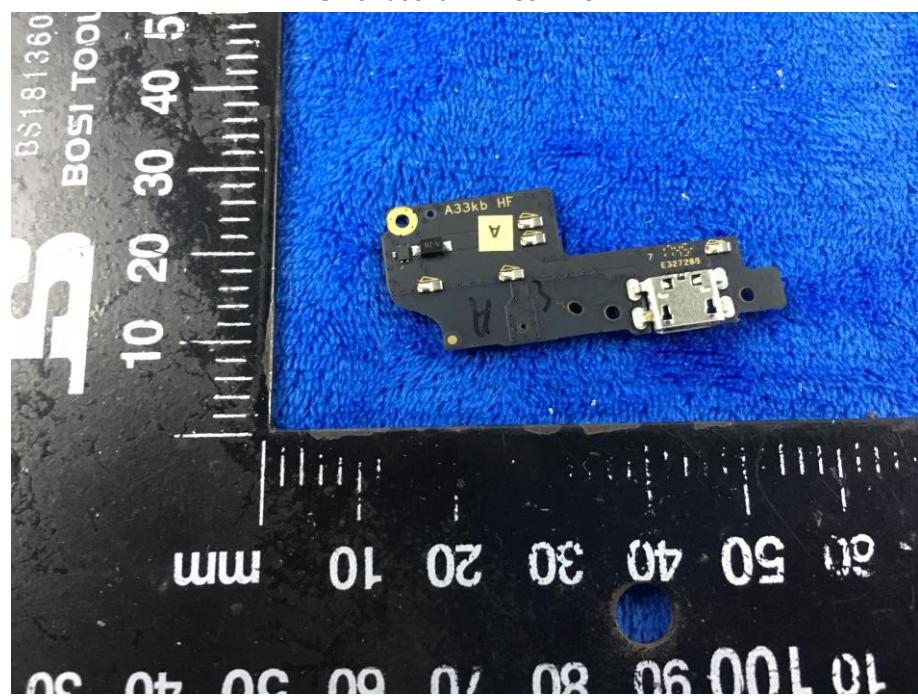
Mainboard without Shielding – Rear View



Smallboard – Front View



Smallboard – Rear View



LCD – Front View



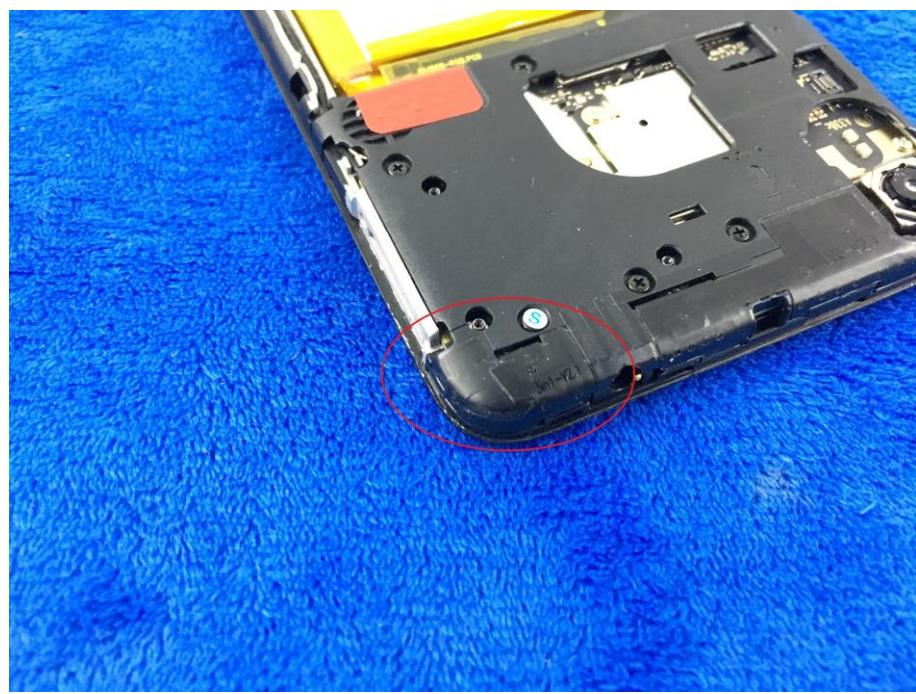
LCD – Rear View



GSM/PCS/U MTS-FDD/LTE Antenna View



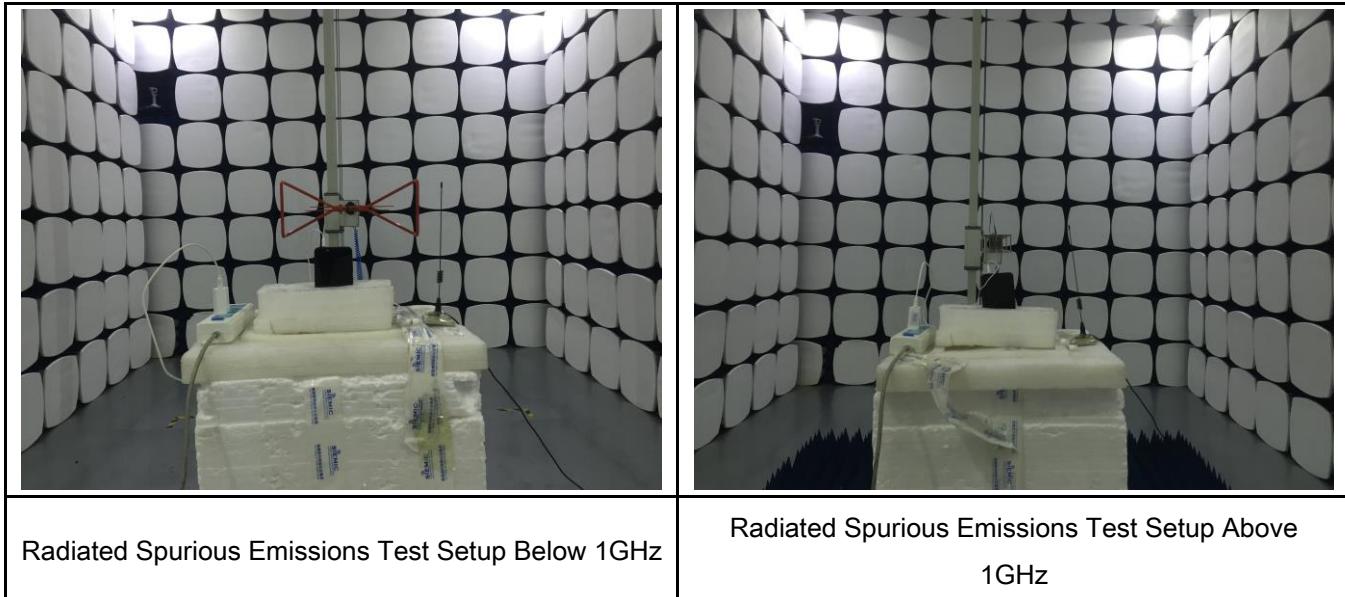
WIFI/BT/BLE/GPS - Antenna View



RXD- Antenna View



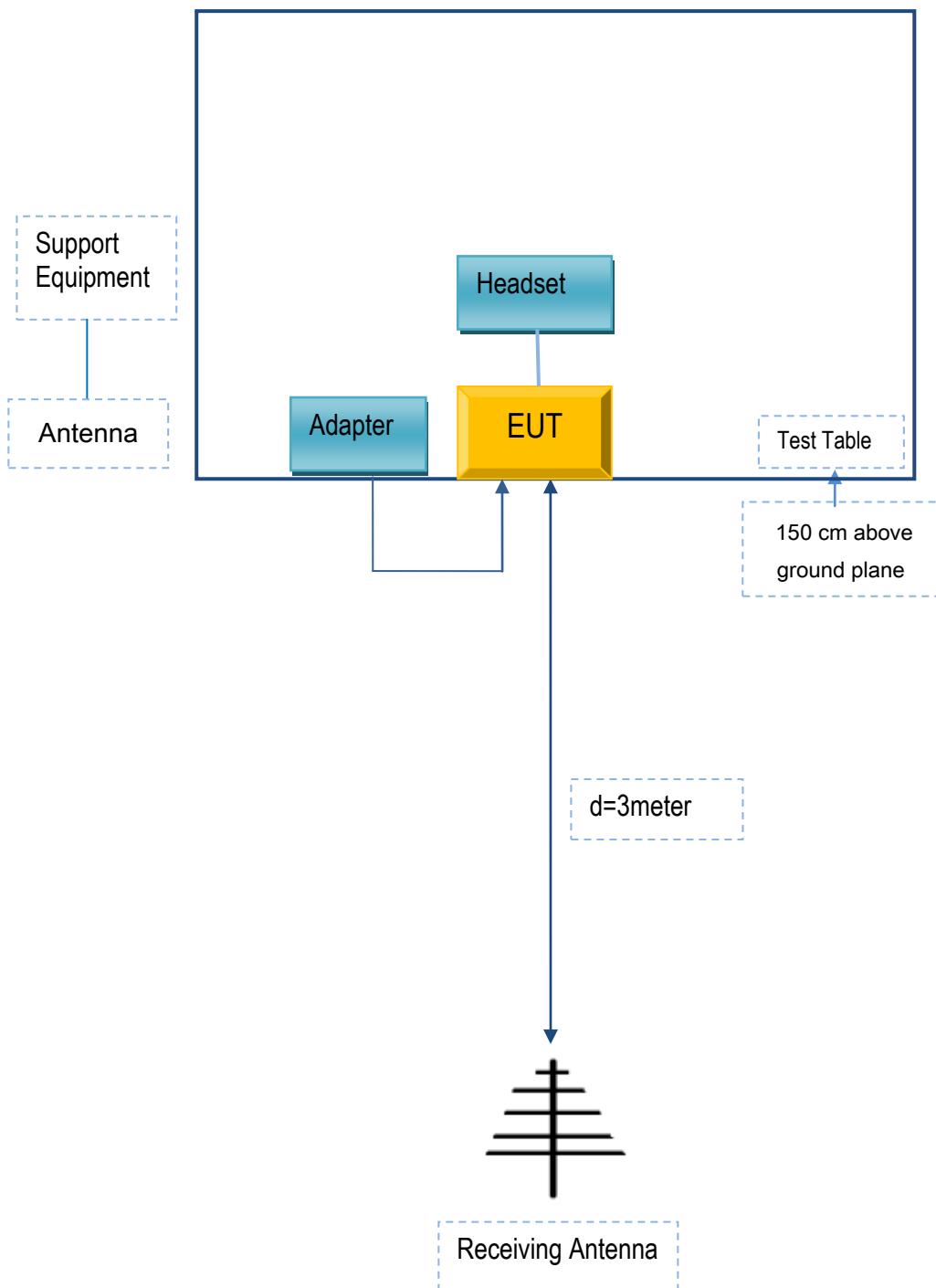
Annex B.iii. Photograph: Test Setup Photo



Annex C. TEST SETUP AND SUPPORTING EQUIPMENT

Annex C.ii. TEST SET UP BLOCK

Block Configuration Diagram for Radiated Emissions



Annex C. ii. SUPPORTING EQUIPMENT DESCRIPTION

The following is a description of supporting equipment and details of cables used with the EUT.

Supporting Equipment:

Manufacturer	Equipment Description	Model	Serial No
TECNO MOBILE LIMITED	Adapter	A88-502000	N/A
TECNO MOBILE LIMITED	headset	X573	N/A
Agilent	Wireless Connectivity Test Set	N4010A	N/A
OEM	omnidirectional antenna	AntSuck	N/A

Supporting Cable:

Cable type	Shield Type	Ferrite Core	Length	Serial No
USB Cable	Un-shielding	No	0.8m	N/A

Annex C.ii. EUT OPERATING CONDITIONS

N/A

Annex D. User Manual / Block Diagram / Schematics / Partlist

Please see the attachment

Annex E. DECLARATION OF SIMILARITY

N/A