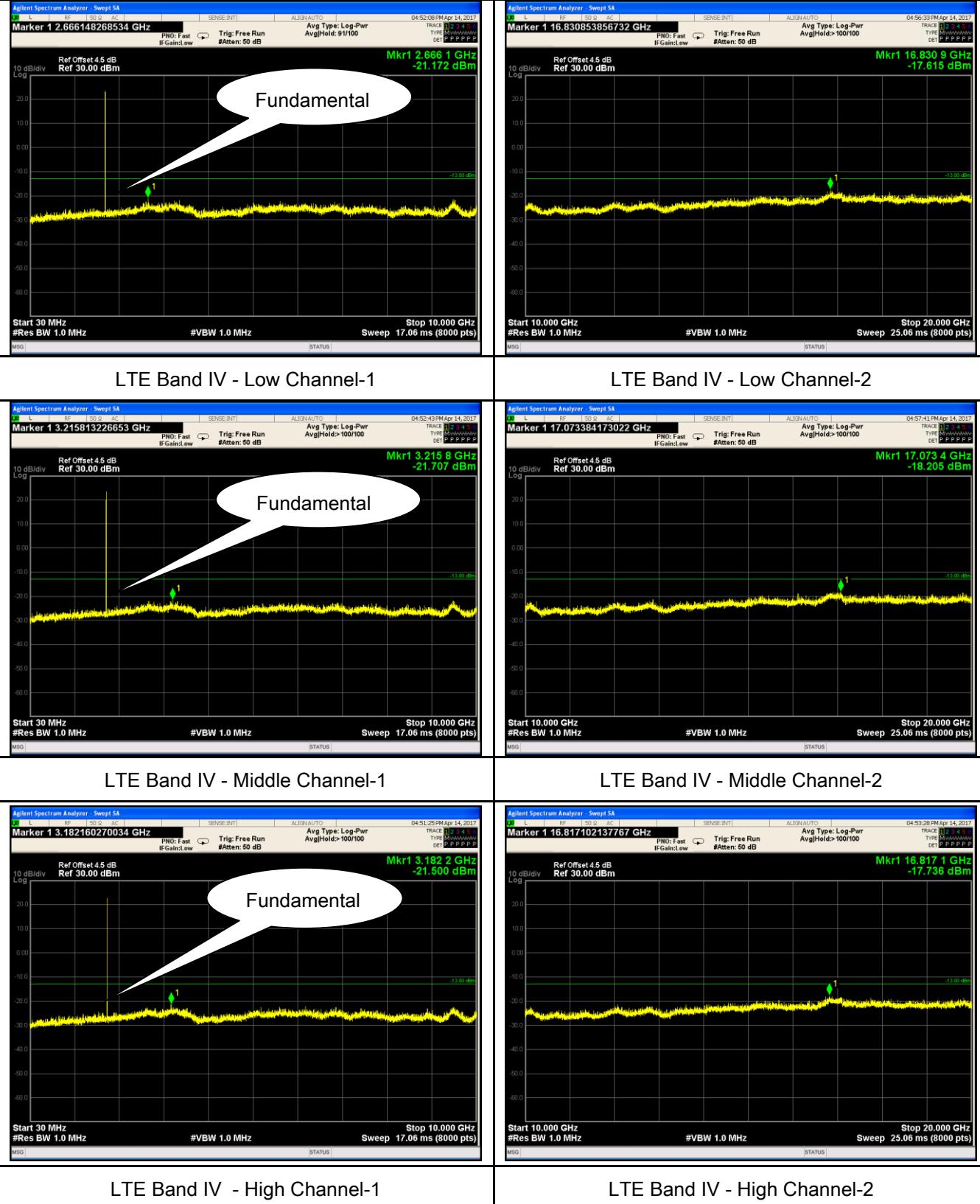


## Test Plots 30MHz-20GHz

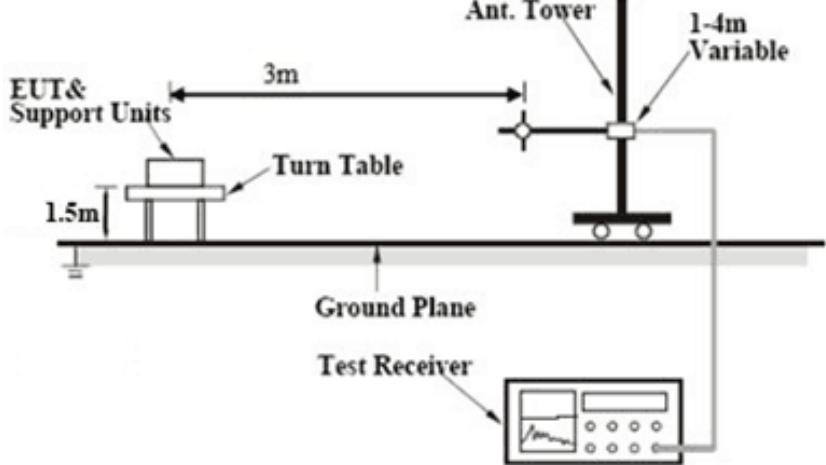
### LTE Band IV (Part27) result



## 6.6 Spurious Radiated Emissions

Temperature	22 °C
Relative Humidity	59%
Atmospheric Pressure	1017mbar
Test date :	April 17, 2017
Tested By :	Loren Luo

### Requirement(s):

Spec	Item	Requirement	Applicable
§2.1053, § 27.53(h)	a)	The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitter power (P) by a factor of at least $43 + 10 \log (P)$ dB. The spectrum is scanned from 30 MHz up to a frequency including its 10th harmonic.	<input checked="" type="checkbox"/>
Test setup			
Test Procedure	<ol style="list-style-type: none"> <li>The transmitter was placed on a wooden turntable, and it was transmitting into a non-radiating load which was also placed on the turntable.</li> <li>The measurement antenna was placed at a distance of 3 meters from the EUT. During the tests, the antenna height and polarization as well as EUT azimuth were varied in order to identify the maximum level of emissions from the EUT. The test was performed by placing the EUT on 3-orthogonal axis.</li> <li>Remove the EUT and replace it with substitution antenna. A signal generator was connected to the substitution antenna by a non-radiating cable. The absolute levels of the spurious emissions were measured by the substitution.</li> </ol> <p>Sample Calculation:</p> <p>EUT Field Strength = Raw Amplitude (dB<math>\mu</math>V/m) – Amplifier Gain (dB) + Antenna Factor (dB) + Cable Loss (dB) + Filter Attenuation (dB, if used)</p>		

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 IV (Part27) result

#### Low channel

Frequency (MHz)	Substituted level (dBm)	Polarity (H/V)	Antenna Gain Correction (dB)	Cable Loss (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)
3440	-46.23	V	10.06	2.52	-38.69	-13	-25.69
3440	-47.31	H	10.06	2.52	-39.77	-13	-26.77
51.3	-45.66	V	-4.2	0.11	-49.97	-13	-36.97
203.8	-48.49	H	4.6	0.18	-44.07	-13	-31.07

#### Middle channel

Frequency (MHz)	Substituted level (dBm)	Polarity (H/V)	Antenna Gain Correction (dB)	Cable Loss (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)
3465	-46.28	V	10.09	2.52	-38.71	-13	-25.71
3465	-47.02	H	10.09	2.52	-39.45	-13	-26.45
51.3	-46.57	V	-4.2	0.11	-50.88	-13	-37.88
203.8	-49.06	H	4.6	0.18	-44.64	-13	-31.64

#### High channel

Frequency (MHz)	Substituted level (dBm)	Polarity (H/V)	Antenna Gain Correction (dB)	Cable Loss (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)
3490	-46.01	V	10.09	2.52	-38.44	-13	-25.44
3490	-47.18	H	10.09	2.52	-39.61	-13	-26.61
51.3	-46.11	V	-4.2	0.11	-50.42	-13	-37.42
203.8	-48.73	H	4.6	0.18	-44.31	-13	-31.31

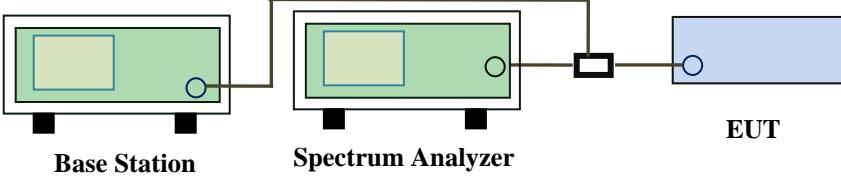
#### Note:

- 1, The testing has been conformed to 10\*1752.5MHz=17,525MHz
- 2, All other emissions more than 30 dB below the limit
- 3, X-Axis, Y-Axis and Z-Axis were investigated. The results above show only the worst case.

## 6.7 Band Edge

Temperature	23 °C
Relative Humidity	56%
Atmospheric Pressure	1014mbar
Test date :	April 14, 2017
Tested By :	Loren Luo

### Requirement(s):

Spec	Item	Requirement	Applicable
§ 27.53(h)	a)	The power of any emission outside of the authorized operating frequency ranges must be lower than the transmitter power (P) by a factor of at least $43 + 10 \log (P)$ dB.	<input checked="" type="checkbox"/>
Test setup	 <b>Base Station</b> <b>Spectrum Analyzer</b> <b>EUT</b>		
Procedure	<ul style="list-style-type: none"> <li>The EUT was connected to Spectrum Analyzer and Base Station via power divider.</li> <li>The Band Edges of low and high channels for the highest RF powers were measured. Setting RBW as roughly BW/100.</li> </ul>		
Remark			
Result	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail		

Test Data  Yes  N/A

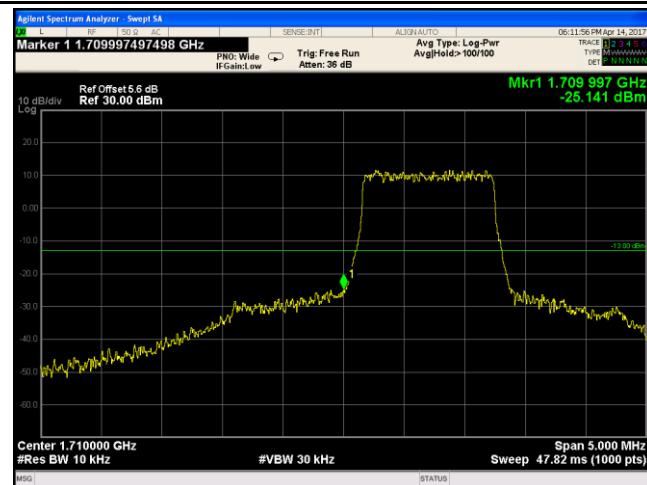
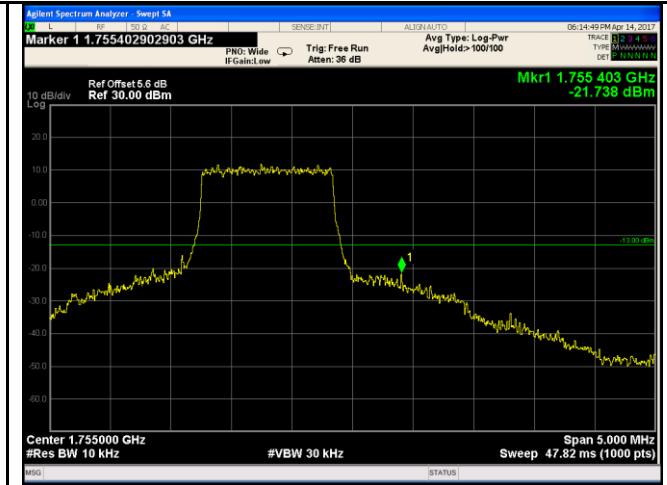
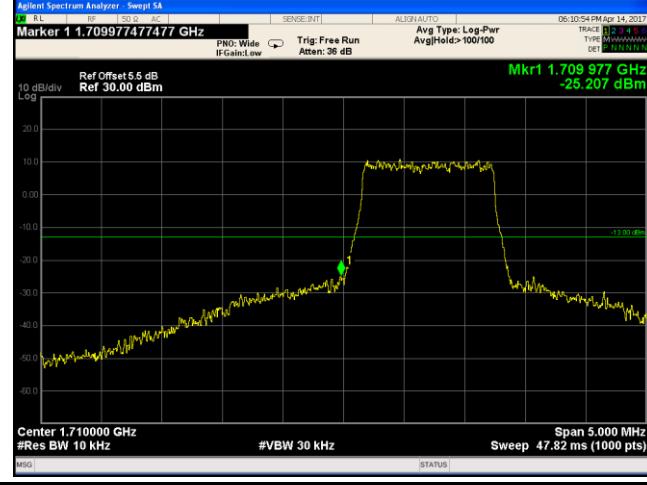
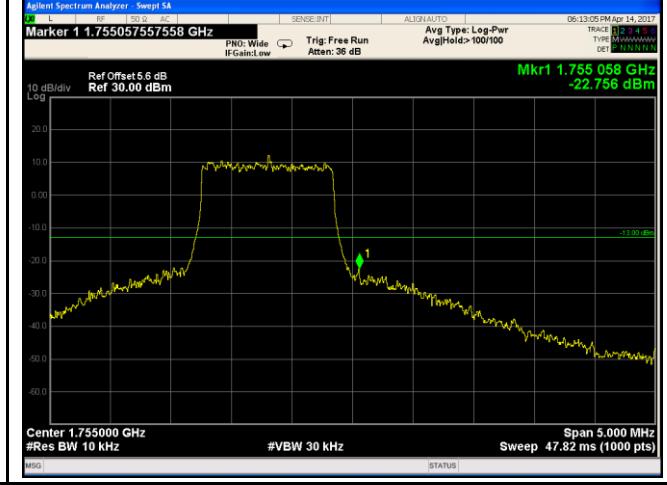
Test Plot  Yes (See below)  N/A

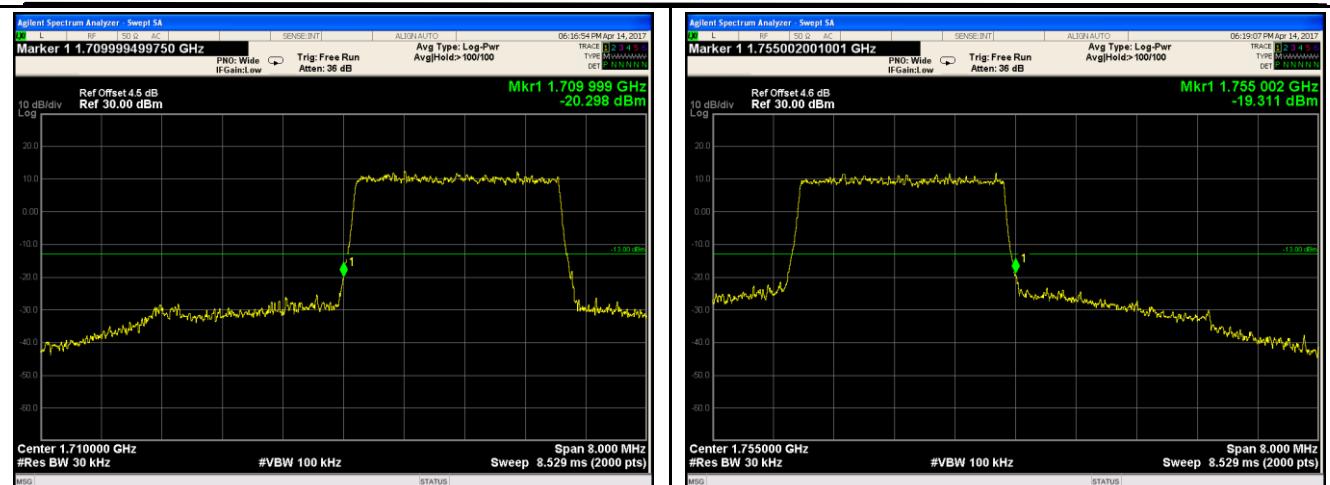
### LTE Band IV (Part 27) result

BW(MHz)	Channel	Frequency (MHz)	Mode	Emission (dBm)	Limit (dBm)
1.4	19957	1709	QPSK	-25.141	-13
			16QAM	-25.207	-13
1.4	20393	1755	QPSK	-21.738	-13
			16QAM	-22.756	-13
3	19965	1709	QPSK	-20.298	-13
			16QAM	-20.345	-13
3	20385	1755	QPSK	-19.311	-13
			16QAM	-19.989	-13
5	19975	1709	QPSK	-17.260	-13
			16QAM	-17.044	-13
5	20375	1755	QPSK	-17.692	-13
			16QAM	-17.423	-13
10	20000	1709	QPSK	-19.217	-13
			16QAM	-19.474	-13
10	20350	1755	QPSK	-18.437	-13
			16QAM	-20.556	-13
15	20025	1709	QPSK	-15.021	-13
			16QAM	-20.357	-13
15	20325	1755	QPSK	-21.606	-13
			16QAM	-22.089	-13
20	20050	1709	QPSK	-24.298	-13
			16QAM	-26.051	-13
20	20300	1755	QPSK	-24.938	-13
			16QAM	-24.848	-13

## Test Plots

### LTE Band IV (Part 27)

 <p>Agilent Spectrum Analyzer - Sweep SA Marker 1 1.70997497498 GHz PNC: Wide IFGain:Low Trig: Free Run Atten: 36 dB Avg Type: Log-Pwr Avg Hold: 100/100 Ref Offset 5.6 dB Ref 30.00 dBm 10 dB/div Log Center 1.710000 GHz #Res BW 10 kHz #VBW 30 kHz Sweep 47.82 ms (1000 pts) Mkr1 1.709 997 GHz -25.141 dBm</p>	 <p>Agilent Spectrum Analyzer - Sweep SA Marker 1 1.755402903 GHz PNC: Wide IFGain:Low Trig: Free Run Atten: 36 dB Avg Type: Log-Pwr Avg Hold: 100/100 Ref Offset 5.6 dB Ref 30.00 dBm 10 dB/div Log Center 1.755000 GHz #Res BW 10 kHz #VBW 30 kHz Sweep 47.82 ms (1000 pts) Mkr1 1.755 403 GHz -21.738 dBm</p>
<p>LTE Band IV - Low Channel QPSK-1.4</p> <p>Note: Offset=Cable loss (4.5) + 10log (12.93/10)=4.5+1.1=5.6 dB</p>	<p>LTE Band IV - High Channel QPSK-1.4</p> <p>Note: Offset=Cable loss (4.5) + 10log (12.87/10)=4.5+1.1=5.6 dB</p>
 <p>Agilent Spectrum Analyzer - Sweep SA Marker 1 1.7099747747747 GHz PNC: Wide IFGain:Low Trig: Free Run Atten: 36 dB Avg Type: Log-Pwr Avg Hold: 100/100 Ref Offset 5.5 dB Ref 30.00 dBm 10 dB/div Log Center 1.710000 GHz #Res BW 10 kHz #VBW 30 kHz Sweep 47.82 ms (1000 pts) Mkr1 1.709 977 GHz -25.207 dBm</p>	 <p>Agilent Spectrum Analyzer - Sweep SA Marker 1 1.755057557558 GHz PNC: Wide IFGain:Low Trig: Free Run Atten: 36 dB Avg Type: Log-Pwr Avg Hold: 100/100 Ref Offset 5.6 dB Ref 30.00 dBm 10 dB/div Log Center 1.755000 GHz #Res BW 10 kHz #VBW 30 kHz Sweep 47.82 ms (1000 pts) Mkr1 1.755 058 GHz -22.756 dBm</p>
<p>LTE Band IV - Low Channel 16QAM-1.4</p> <p>Note: Offset=Cable loss (4.5) + 10log (12.71/10)=4.5+1.0=5.5 dB</p>	<p>LTE Band IV - High Channel 16QAM-1.4</p> <p>Note: Offset=Cable loss (4.5) + 10log (13.02/10)=4.5+1.1=5.6 dB</p>

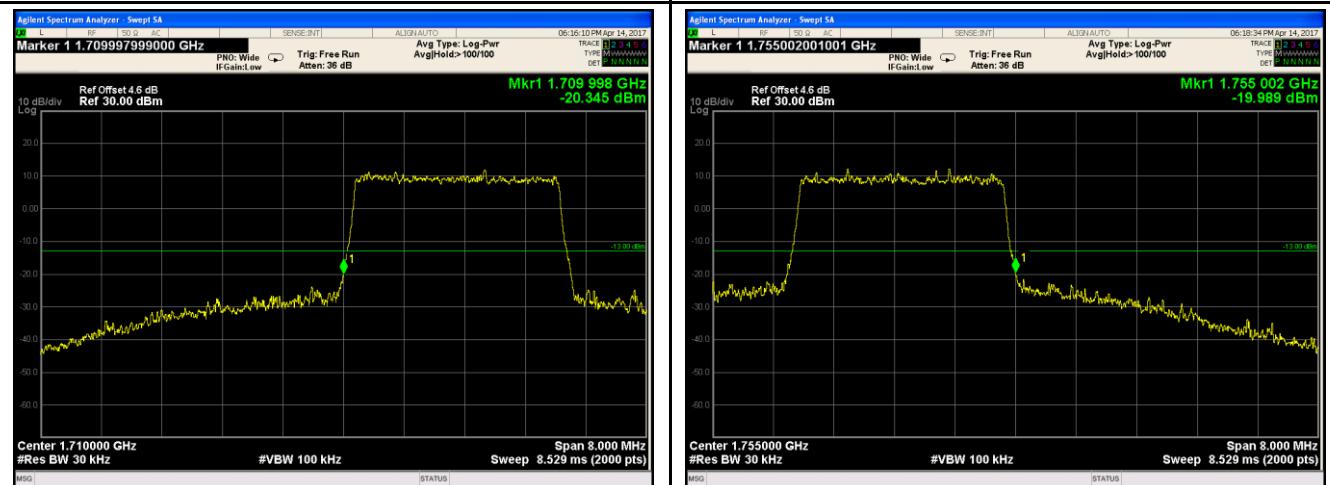


LTE Band IV - Low Channel QPSK-3

LTE Band IV - High Channel QPSK-3

Note: Offset=Cable loss (4.5) + 10log  
(30.32/30)=4.5+0.0=4.5 dB

Note: Offset=Cable loss (4.5) + 10log  
(30.54/30)=4.5+0.1=4.6 dB

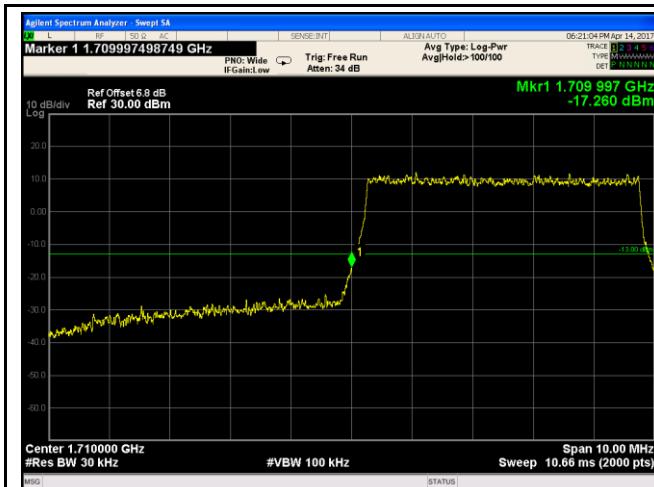


LTE Band IV - Low Channel 16QAM-3

LTE Band IV - High Channel 16QAM-3

Note: Offset=Cable loss (4.5) + 10log  
(30.52/30)=4.5+0.1=4.6 dB

Note: Offset=Cable loss (4.5) + 10log  
(30.70/30)=4.5+0.1=4.6 dB



#### LTE Band IV - Low Channel QPSK-5

Note: Offset=Cable loss (4.5) + 10log  
 $(50.93/30)=4.5+2.3=6.8$  dB

#### LTE Band IV - High Channel QPSK-5

Note: Offset=Cable loss (4.5) + 10log  
 $(50.62/30)=4.5+2.3=6.8$  dB



#### LTE Band IV - Low Channel 16QAM-5

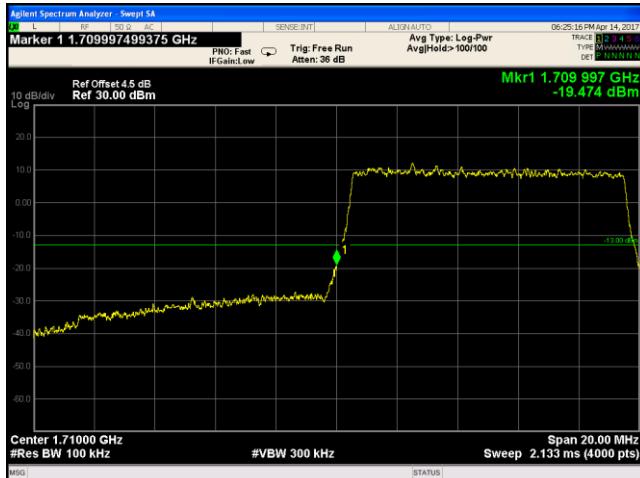
Note: Offset=Cable loss (4.5) + 10log  
 $(50.66/30)=4.5+2.3=6.8$  dB

#### LTE Band IV - High Channel 16QAM-5

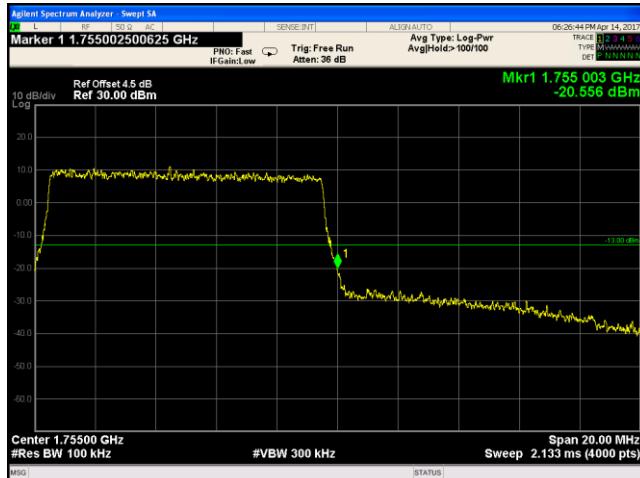
Note: Offset=Cable loss (4.5) + 10log  
 $(50.62/30)=4.5+2.3=6.8$  dB



### LTE Band IV - Low Channel QPSK-10



### LTE Band IV - High Channel QPSK-10



### LTE Band IV - Low Channel 16QAM-10



### LTE Band IV - High Channel 16QAM-10

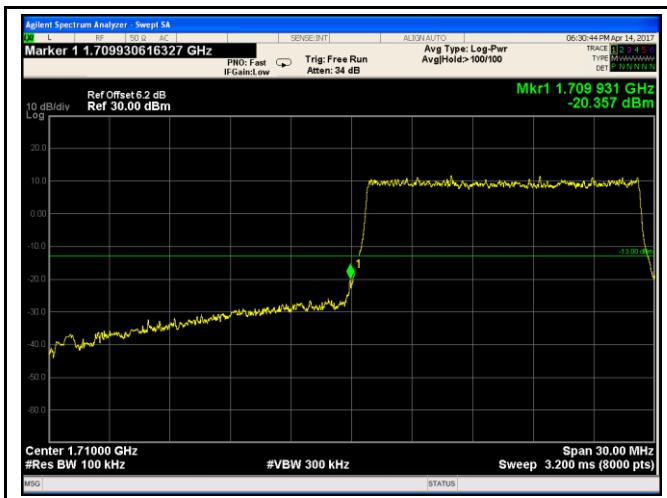


### LTE Band IV - Low Channel QPSK-15

Note: Offset=Cable loss (4.5) + 10log  
(148.5/100)=4.5+1.7=6.2 dB

### LTE Band IV - High Channel QPSK-15

Note: Offset=Cable loss (4.5) + 10log  
(148.8/100)=4.5+1.7=6.2 dB

 <p>Agilent Spectrum Analyzer - Swept SA</p> <p>Marker 1 1.709930616327 GHz</p> <p>PN0: Fast IfGainLow Trig: Free Run Aten: 34 dB</p> <p>Avg Type: Log-Pwr AvgHold&gt;100/100</p> <p>10 dB/div Ref Offset 5.2 dB Ref 30.00 dBm</p> <p>Mkr1 1.709 931 GHz -20.357 dBm</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>Agilent Spectrum Analyzer - Swept SA</p> <p>Marker 1 1.755001875234 GHz</p> <p>PN0: Fast IfGainLow Trig: Free Run Aten: 34 dB</p> <p>Avg Type: Log-Pwr AvgHold&gt;100/100</p> <p>10 dB/div Ref Offset 5.2 dB Ref 30.00 dBm</p> <p>Mkr1 1.755 002 GHz -22.089 dBm</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>LTE Band IV - High Channel 16QAM-15</p>
<p>Note: Offset=Cable loss (4.5) + 10log (148.7/100)=4.5+1.7=6.2 dB</p>	<p>Note: Offset=Cable loss (4.5) + 10log (148.3/100)=4.5+1.7=6.2 dB</p>
 <p>Agilent Spectrum Analyzer - Swept SA</p> <p>Marker 1 1.709677459682 GHz</p> <p>PN0: Fast IfGainLow Trig: Free Run Aten: 34 dB</p> <p>Avg Type: Log-Pwr AvgHold&gt;100/100</p> <p>10 dB/div Ref Offset 7.4 dB Ref 30.00 dBm</p> <p>Mkr1 1.709 677 GHz -24.298 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>Agilent Spectrum Analyzer - Swept SA</p> <p>Marker 1 1.755347543443 GHz</p> <p>PN0: Fast IfGainLow Trig: Free Run Aten: 34 dB</p> <p>Avg Type: Log-Pwr AvgHold&gt;100/100</p> <p>10 dB/div Ref Offset 7.4 dB Ref 30.00 dBm</p> <p>Mkr1 1.755 348 GHz -24.938 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 QPSK-20</p>	<p>LTE Band IV - High Channel QPSK-20</p>
<p>Note: Offset=Cable loss (4.5) + 10log (194.2/100)=4.5+2.9=7.4 dB</p>	<p>Note: Offset=Cable loss (4.5) + 10log (193.6/100)=4.5+2.9=7.4 dB</p>

 <p>Marker 1 1.709822477810 GHz</p> <p>PN0: Fast IFGainLow Trig: Free Run Avg Type: Log-Pwr AvgHold&gt;100/100</p> <p>Ref Offset 7.4 dB Ref 30.00 dBm</p> <p>Mkr1 1.709 822 GHz -26.051 dBm</p> <p>10 dB/div Log</p> <p>20.0 10.0 0.0 -10.0 -20.0 -30.0 -40.0 -50.0</p> <p>Center 1.71000 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 4.266 ms (8000 pts)</p>	 <p>Marker 1 1.755347543443 GHz</p> <p>PN0: Fast IFGainLow Trig: Free Run Avg Type: Log-Pwr AvgHold&gt;100/100</p> <p>Ref Offset 7.4 dB Ref 30.00 dBm</p> <p>Mkr1 1.755 348 GHz -24.848 dBm</p> <p>10 dB/div Log</p> <p>20.0 10.0 0.0 -10.0 -20.0 -30.0 -40.0 -50.0</p> <p>Center 1.75500 GHz #Res BW 100 kHz #VBW 300 kHz 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 (194.4/100)=4.5+2.9=7.4dB</p>	<p>Note: Offset=Cable loss (4.5) + 10log (193.6/100)=4.5+2.9=7.4 dB</p>

## 6.8 Band Edge 27.53(m)

Temperature	23°C
Relative Humidity	58%
Atmospheric Pressure	1006mbar
Test date :	-----
Tested By :	Loren Luo

### Requirement(s):

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

Test Data  Yes  N/A

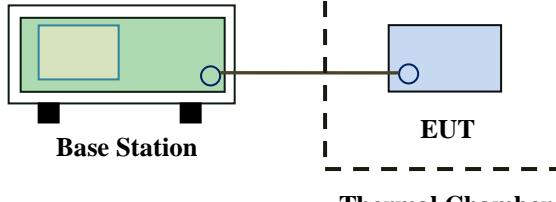
Test Plot  Yes (See below)  N/A

## 6.9 Frequency Stability

Temperature	23 °C
Relative Humidity	51%
Atmospheric Pressure	1018mbar
Test date :	April 18, 2017
Tested By :	Loren Luo

### Requirement(s):

Spec	Item	Requirement	Applicable																																
§2.1055, § 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 950</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 950	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 950	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	
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 <math>\pm 0.00025\%</math> (<math>\pm 2.5\text{ppm}</math>) 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 <math>-10^\circ\text{C}</math> to <math>+55^\circ\text{C}</math> 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 IV (Part 27) result

Middle Channel, $f_o = 1732.5$ MHz				
Temperature (°C)	Power Supplied (V <sub>DC</sub> )	Frequency Error (Hz)	Frequency Error (ppm)	Limit (ppm)
-10	3.7	-14	0.0081	2.5
0		-13	0.0075	2.5
10		-14	0.0081	2.5
20		-16	0.0092	2.5
30		-16	0.0092	2.5
40		-18	0.0104	2.5
50		-15	0.0087	2.5
55		-14	0.0081	2.5
25	4.2	-17	0.0098	2.5
	3.5	-16	0.0092	2.5

## Annex A. TEST INSTRUMENT

Instrument	Model	Serial #	Cal Date	Cal Due	In use
<b>RF Conducted Test</b>					
Agilent ESA-E SERIES SPECTRUM ANALYZER	E4407B	MY45108319	09/15/2016	09/14/2017	<input checked="" type="checkbox"/>
Power Splitter	1#	1#	08/31/2016	08/30/2017	<input checked="" type="checkbox"/>
Universal Radio Communication Tester	CMU200	121393	09/24/2016	09/23/2017	<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	10/08/2016	10/07/2017	<input checked="" type="checkbox"/>
DC Power Supply	E3640A	MY40004013	09/16/2016	09/15/2017	<input checked="" type="checkbox"/>
RF Power Sensor	Dare RPR3006C/P/W	AY554013	09/16/2016	09/15/2017	<input checked="" type="checkbox"/>
<b>Radiated Emissions</b>					
EMI test receiver	ESL6	100262	09/16/2016	09/15/2017	<input checked="" type="checkbox"/>
OPT 010 AMPLIFIER (0.1-1300MHz)	8447E	2727A02430	08/31/2016	08/30/2017	<input checked="" type="checkbox"/>
Microwave Preamplifier (0.5 ~ 18GHz)	PAM-118	443008	08/31/2016	08/30/2017	<input checked="" type="checkbox"/>
Bilog Antenna (30MHz~6GHz)	JB6	A110712	09/20/2016	09/19/2017	<input checked="" type="checkbox"/>
Bilog Antenna (30MHz~2GHz)	JB1	A112017	09/20/2016	09/19/2017	<input checked="" type="checkbox"/>
Double Ridge Horn Antenna (1 ~18GHz)	AH-118	71259	09/23/2016	09/22/2017	<input checked="" type="checkbox"/>
Double Ridge Horn Antenna (1 ~18GHz)	AH-118	71283	09/23/2016	09/22/2017	<input checked="" type="checkbox"/>
SYNTHESIZED SIGNAL GENERATOR	8665B	3744A01293	09/16/2016	09/15/2017	<input checked="" type="checkbox"/>
Tunable Notch Filter	3NF-800/1000-S	AA4	08/31/2016	08/30/2017	<input checked="" type="checkbox"/>

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Tunable Notch Filter	3NF- 1000/2000-S	AM 4	08/31/2016	08/30/2017	<input checked="" type="checkbox"/>
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## Annex B. EUT And Test Setup Photographs

### Annex B.i. Photograph: EUT External Photo

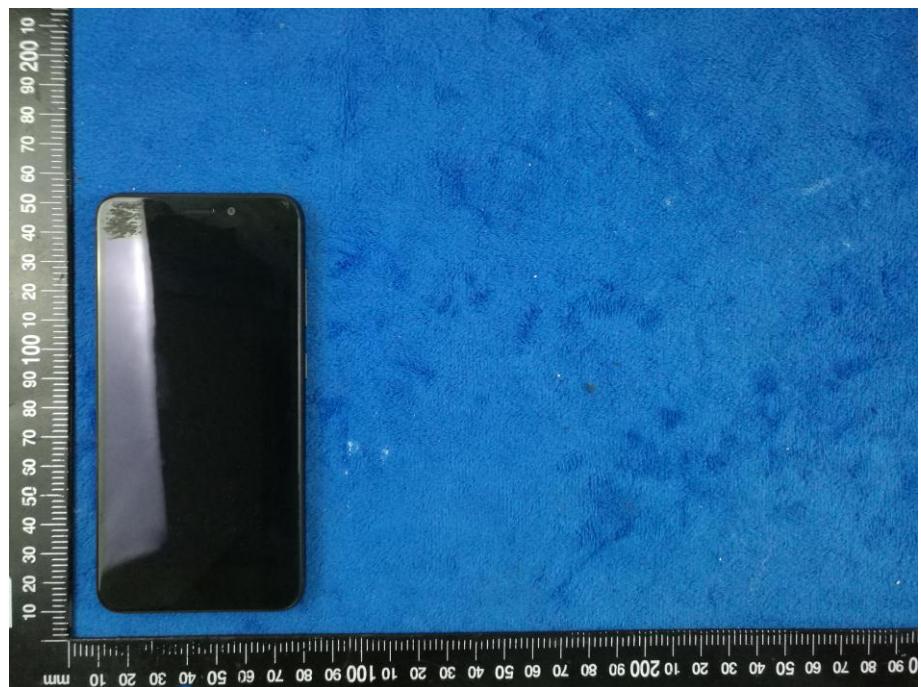
Whole Package View



Adapter - Front View



EUT - Front View



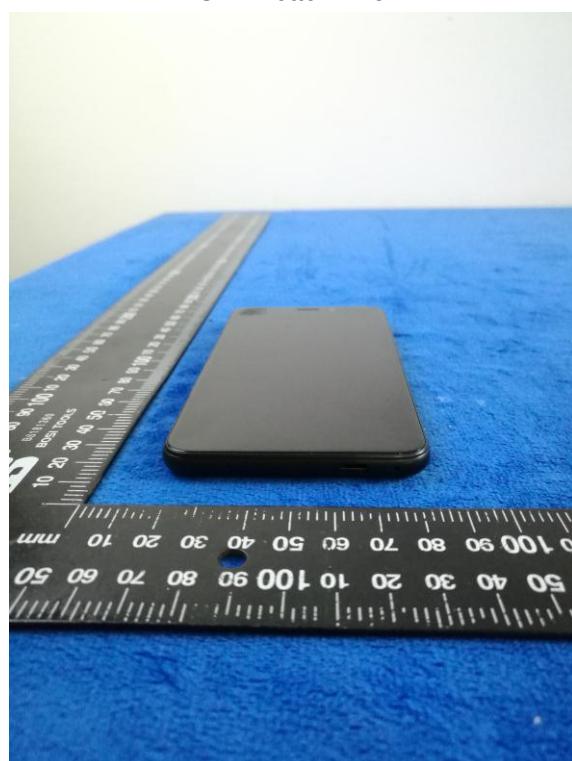
EUT - Rear View



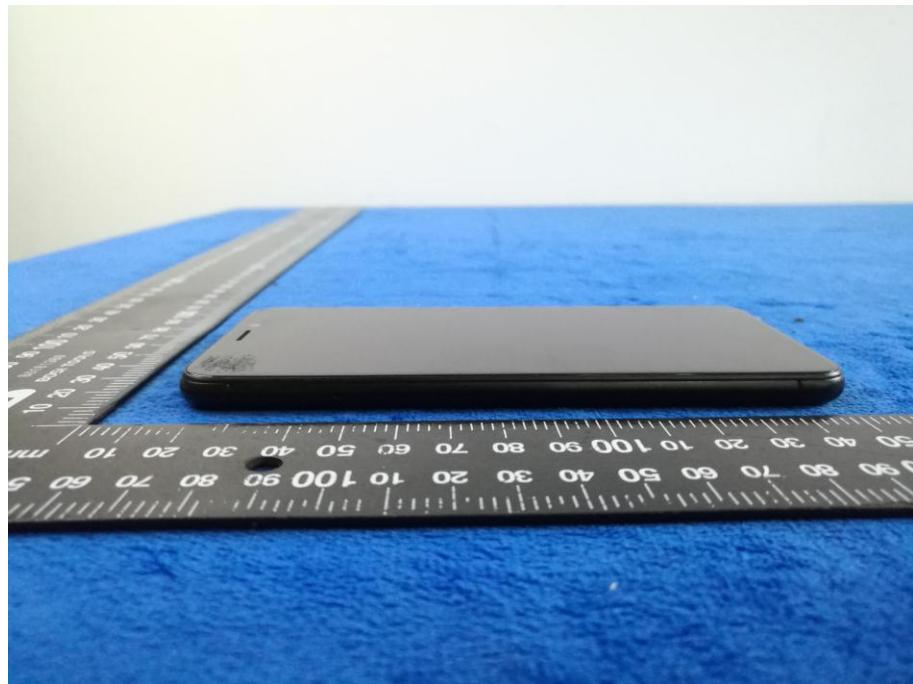
EUT - Top View



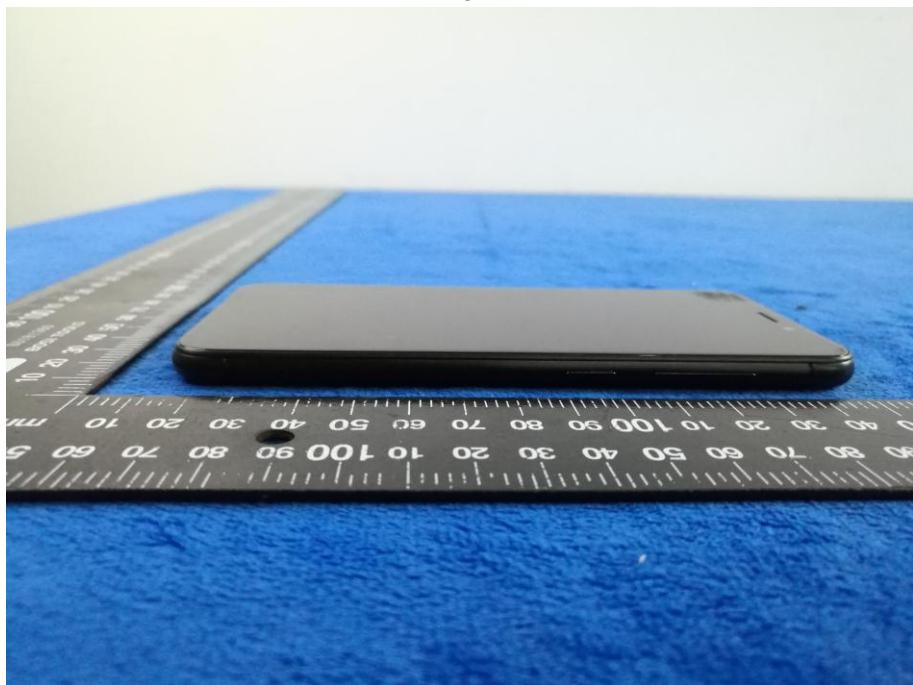
EUT - Bottom View



EUT - Left View



EUT - Right View



### Annex B.ii. Photograph: EUT Internal Photo

Cover Off - Top View 1



Cover Off - Top View 2



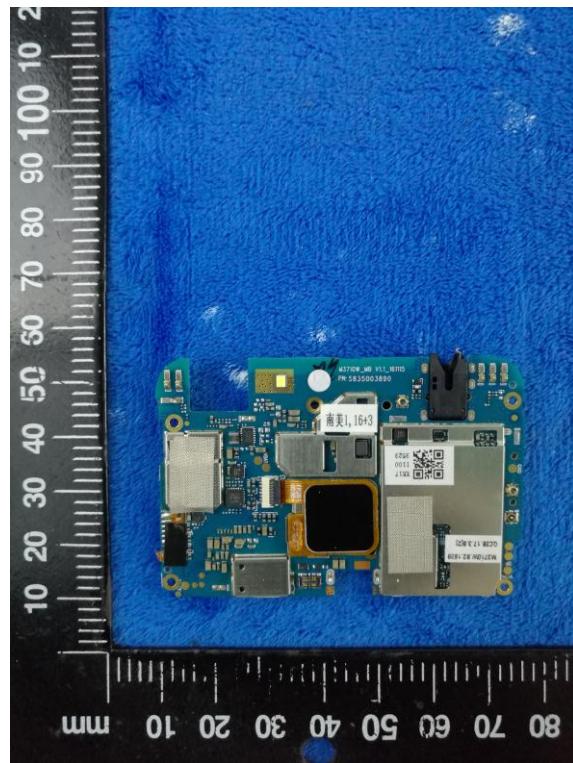
## Battery - Front View



## Battery - Rear View



Mainboard with Shielding- Front View



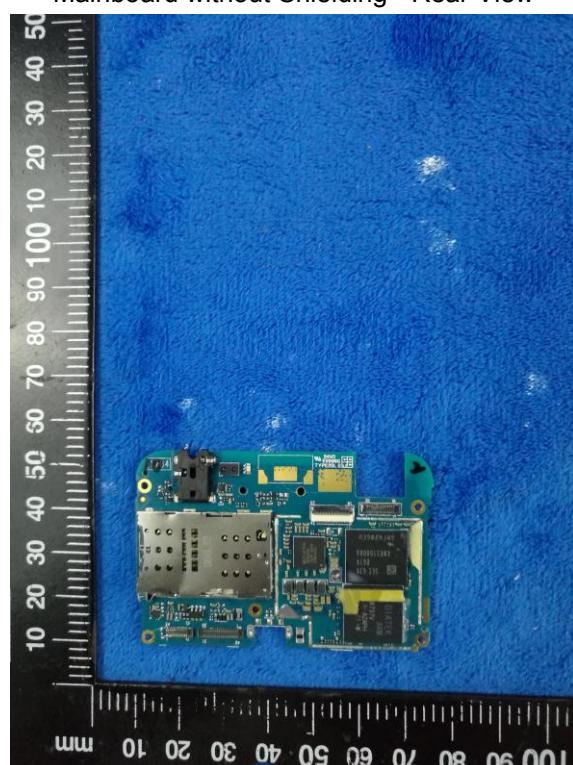
Mainboard with Shielding - Rear View



Mainboard without Shielding – Front View



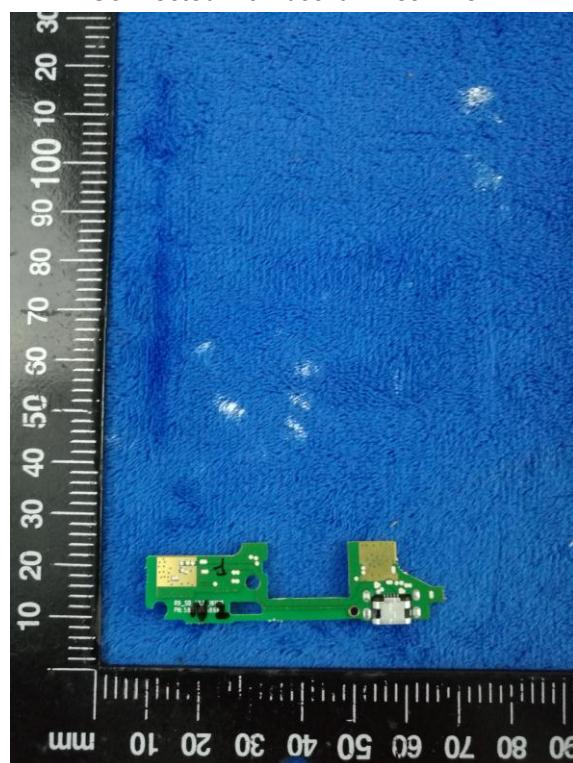
Mainboard without Shielding - Rear View



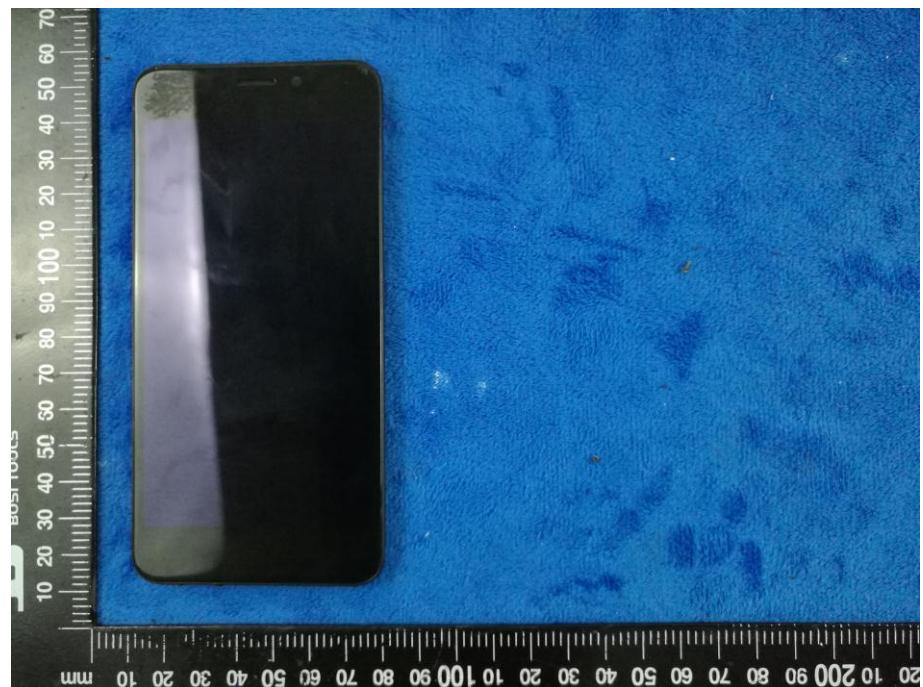
Connected Mainboard – Front View



Connected Mainboard - Rear View



LCD – Front View



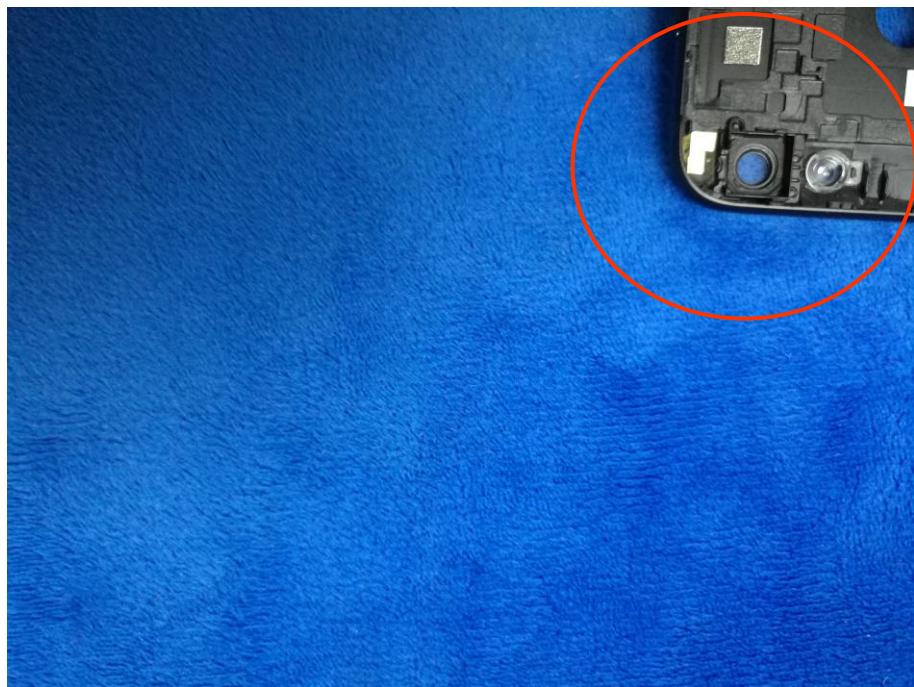
LCD – Rear View



GSM/PCS/UMTS - Antenna View



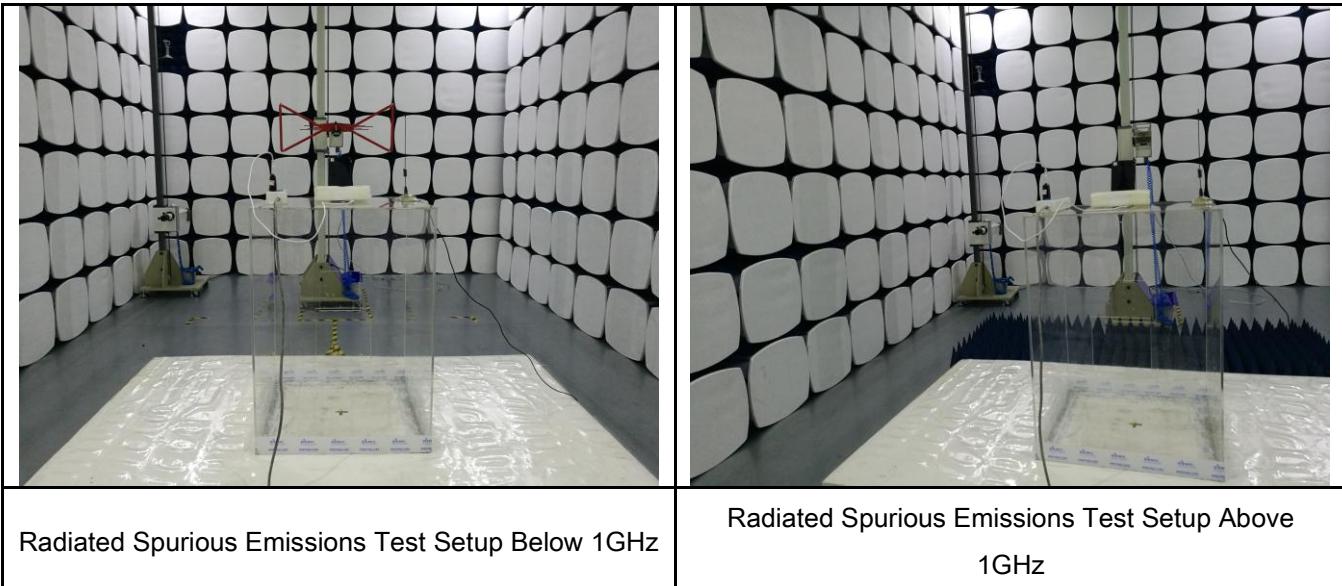
BT/WiFi/GPS - Antenna View



LTE - Antenna View



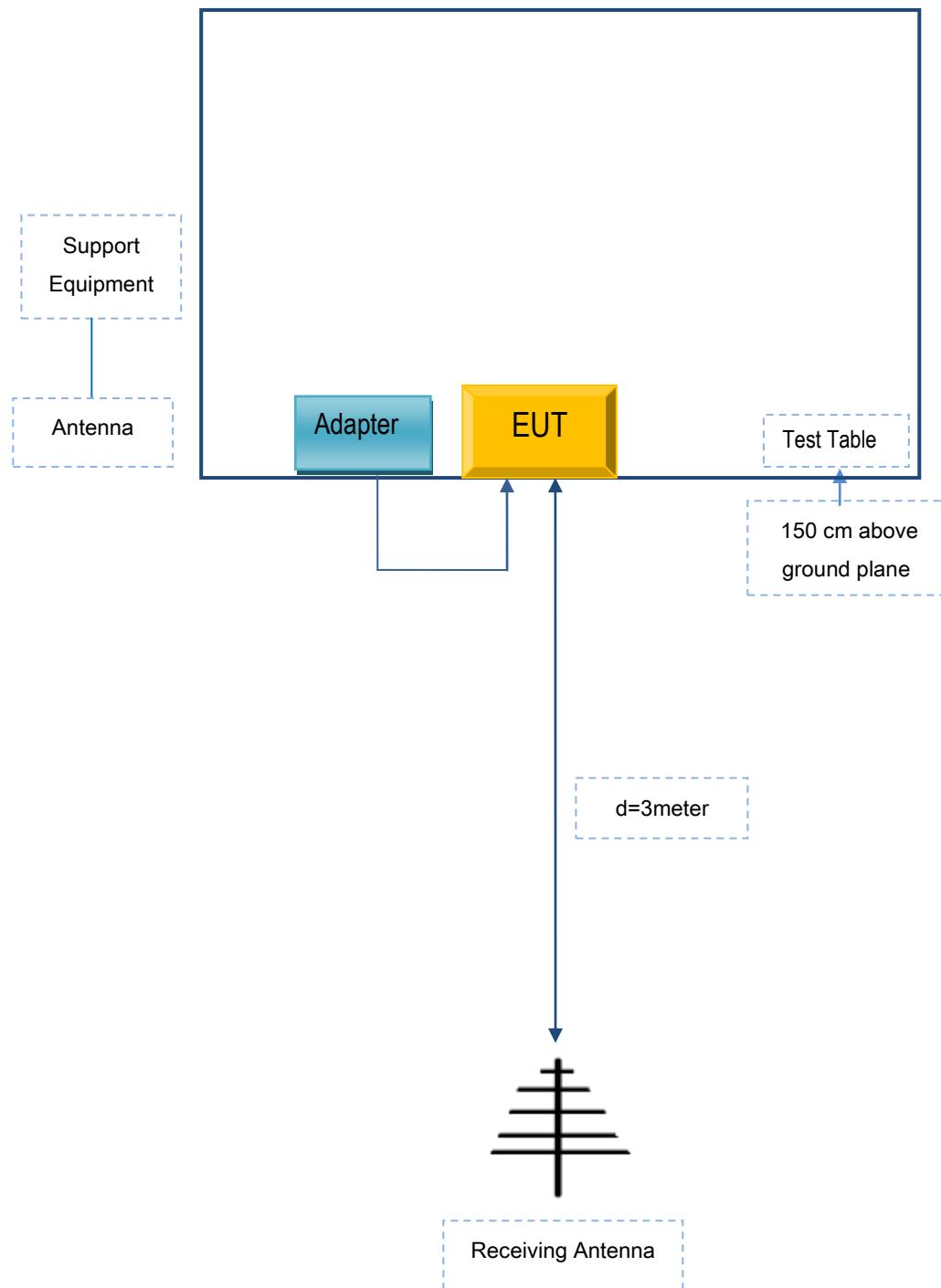
Annex B.iii. Photograph: Test Setup Photo



## 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
Shenzhen Konka Telecommunications Technology Co., Ltd.	Adapter	HJ-050100-AR	HAS020

### Supporting Cable:

Cable type	Shield Type	Ferrite Core	Length	Serial No
USB Cable	Un-shielding	No	0.8m	HAS020

## 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