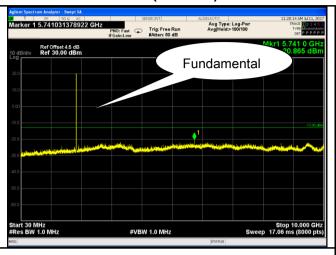
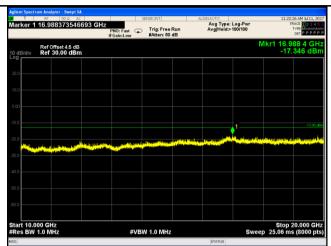


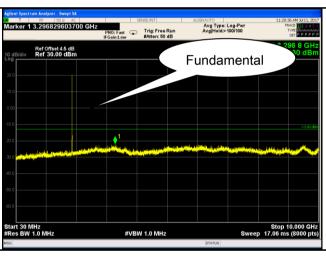
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### UMTS-FDD Band II (Part 24E)

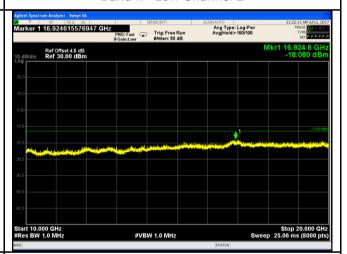




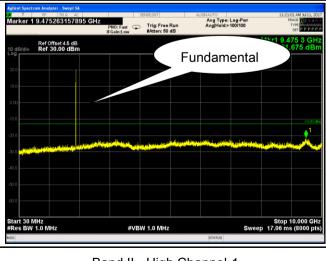
Band II - Low Channel-1



Band II - Low Channel-2



Band II - Middle Channel-1



Band II - Middle Channel-2



Band II - High Channel-1

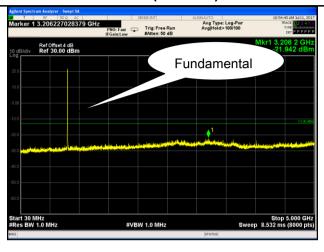
Band II - High Channel-2

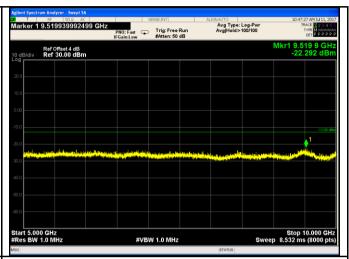


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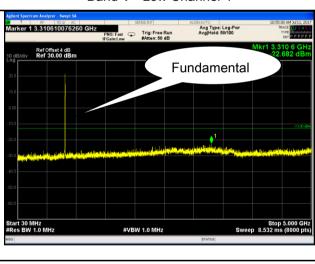
### **HSUPA**:

#### UMTS-FDD Band V (Part 22H)

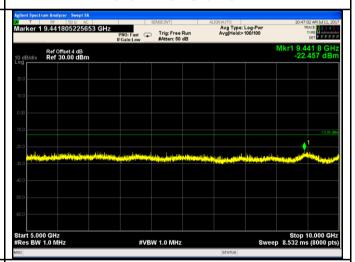




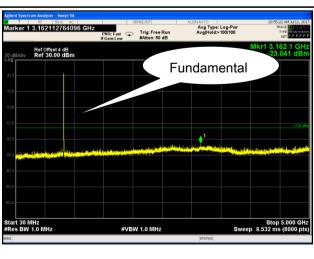
Band V - Low Channel-1



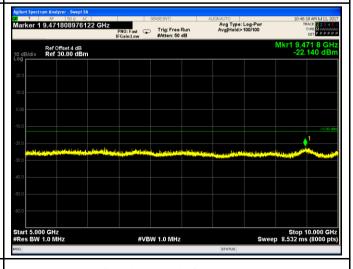
Band V - Low Channel-2



Band V - Middle Channel-1



Band V - Middle Channel-2



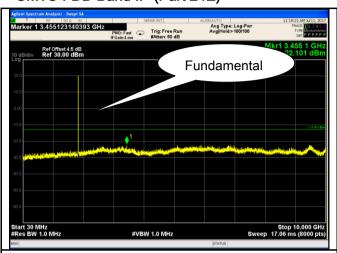
Band V - High Channel-1

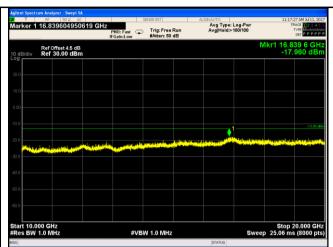
Band V - High Channel-2



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### UMTS-FDD Band II (Part 24E)





Band II - Low Channel-1

Marker 1 9.520133766721 GHz
PIIO: Feat Trig: Free Run
Avg Type: Log-Pur
Avgiriole 100/100
Ref 30.00 dBm

Ref 30.00 dBm

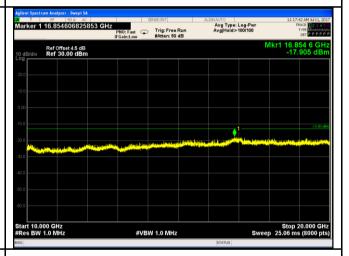
Fundamental

Fundamental

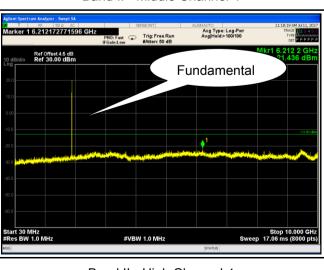
Fundamental

Start 30 MHz
Res BW 1.0 MHz
Sweep 17.06 ms (8000 pts)

Band II - Low Channel-2



Band II - Middle Channel-1



Band II - Middle Channel-2



Band II - High Channel-1

Band II - High Channel-2



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## 6.6 Spurious Radiated Emissions

Temperature	25°C
Relative Humidity	53%
Atmospheric Pressure	1010mbar
Test date :	July 12, 2017
Tested By:	Loren Luo

Requirement(s):									
Spec	Item	Requirement	Applicable						
§2.1053, §22.917 & §24.238	a)	The power of any emission outside of the authorized operating frequency ranges must be attenuated below the							
Test setup	Supp	Ant. Tower Support Units  Turn Table  Test Receiver							
Test Procedure	<ol> <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.         Sample Calculation:         EUT Field Strength = Raw Amplitude (dBμV/m) – Amplifier Gain (dB) + Antenna Factor (dB) + Cable Loss (dB) + Filter Attenuation (dB, if used)     </li> </ol>								



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Remark		
Result	Pass	■ Fail

Test Data Yes N/A

Test Plot Yes (See below) N/A



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### Cellular Band (Part 22H) 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)
1648.4	-42.55	V	7.95	0.67	-35.27	-13	-22.27
1648.4	-43.51	Н	7.95	0.67	-36.23	-13	-23.23
750.3	-53.07	V	6.4	0.43	-47.1	-13	-34.10
608.2	-52.38	Н	6.8	0.37	-45.95	-13	-32.95

#### Middle channel

Frequency (MHz)	Substituted level (dBm)	Polarity (H/V)	Antenna Gain Correction (dB)	Cable Loss (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)
1673.2	-43.47	V	7.95	0.67	-36.19	-13	-23.19
1673.2	-44.03	H	7.95	0.67	-36.75	-13	-23.75
336.8	-52.8	V	6.4	0.26	-46.66	-13	-33.66
645.5	-53.49	Н	6.8	0.37	-47.06	-13	-34.06

#### High channel

Frequency (MHz)	Substituted level (dBm)	Polarity (H/V)	Antenna Gain Correction (dB)	Cable Loss (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)
1697.6	-44.06	V	7.95	0.68	-36.79	-13	-23.79
1697.6	-42.66	Н	7.95	0.68	-35.39	-13	-22.39
125.6	-50.86	V	-0.1	0.16	-51.12	-13	-38.12
486.5	-53.06	Н	6	0.29	-47.35	-13	-34.35

- 1, The testing has been conformed to 10\*848.8MHz=8,488MHz
- 2, All other emissions more than 30 dB below the limit
- 3,GSM voice, GPRS and EGPRS mode were investigated. The results above show only the worse cases
- 4, X-Axis, Y-Axis and Z-Axis were investigated. The results above show only the worst case.



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### PCS Band (Part24E) 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)
3700.4	-48.96	V	10.25	1	-39.71	-13	-26.71
3700.4	-49.51	Н	10.25	1	-40.26	-13	-27.26
326.8	-54	V	0.4	0.12	-53.72	-13	-40.72
602.5	-53.09	Н	6.8	0.37	-46.66	-13	-33.66

#### Middle channel

Frequency (MHz)	Substituted level (dBm)	Polarity (H/V)	Antenna Gain Correction (dB)	Cable Loss (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)
3760	-48.27	V	10.25	1.01	-39.03	-13	-26.03
3760	-50.37	Н	10.25	1.01	-41.13	-13	-28.13
785.6	-53.34	V	6.2	0.44	-47.58	-13	-34.58
605.2	-53.27	Н	6.8	0.37	-46.84	-13	-33.84

#### High channel

Frequency (MHz)	Substituted level (dBm)	Polarity (H/V)	Antenna Gain Correction (dB)	Cable Loss (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)
3819.6	-48.93	V	10.36	1.02	-39.59	-13	-26.59
3819.6	-48.76	Н	10.36	1.02	-39.42	-13	-26.42
58.6	-53.66	V	-1.7	0.11	-55.47	-13	-42.47
599.8	-52	Н	6.1	0.37	-46.27	-13	-33.27

- 1, The testing has been conformed to 10\*1909.8MHz=19,098MHz
- 2, All other emissions more than 30 dB below the limit
- 3,GSM voice, GPRS and EGPRS mode were investigated. The results above show only the worse cases
- 4, X-Axis, Y-Axis and Z-Axis were investigated. The results above show only the worst case.



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### UMTS-FDD Band V (Part 22H)

#### Low channel

Frequency (MHz)	Substituted level (dBm)	Polarity (H/V)	Antenna Gain Correction (dB)	Cable Loss (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)
1652.8	-46.48	V	7.95	0.67	-39.2	-13	-26.20
1652.8	-47.41	Н	7.95	0.67	-40.13	-13	-27.13
65.9	-52.13	V	-1.7	0.11	-53.94	-13	-40.94
782.6	-53.86	Н	6.1	0.44	-48.2	-13	-35.20

#### Middle channel

Frequency (MHz)	Substituted level (dBm)	Polarity (H/V)	Antenna Gain Correction (dB)	Cable Loss (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)
1670	-46.24	V	7.95	0.67	-38.96	-13	-25.96
1670	-46.89	Н	7.95	0.67	-39.61	-13	-26.61
450.9	-52.79	V	6	0.29	-47.08	-13	-34.08
895.6	-53.55	Н	6.2	0.44	-47.79	-13	-34.79

### High channel

Frequency (MHz)	Substituted level (dBm)	Polarity (H/V)	Antenna Gain Correction (dB)	Cable Loss (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)
1693.2	-47.96	V	7.95	0.68	-40.69	-13	-27.69
1693.2	-45.75	Н	7.95	0.68	-38.48	-13	-25.48
652.3	-53.81	V	6.1	0.39	-48.1	-13	-35.10
598.3	-53.01	Н	6.1	0.37	-47.28	-13	-34.28

- 1, The testing has been conformed to 10\*846.6MHz=8,466MHz
- 2, All other emissions more than 30 dB below the limit
- 3,RMC, HSUPA and HSDPA mode were investigated. The results above show only the worse cases
- 4, X-Axis, Y-Axis and Z-Axis were investigated. The results above show only the worst case.



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### UMTS-FDD Band II (Part 24E)

#### Low channel

Frequency (MHz)	Substituted level (dBm)	Polarity (H/V)	Antenna Gain Correction (dB)	Cable Loss (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)
3704.8	-48.17	V	10.25	1	-38.92	-13	-25.92
3704.8	-50.22	Н	10.25	1	-40.97	-13	-27.97
787.6	-53.21	V	6.4	0.43	-47.24	-13	-34.24
605	-52.17	Н	6.1	0.37	-46.44	-13	-33.44

#### Middle channel

Frequency (MHz)	Substituted level (dBm)	Polarity (H/V)	Antenna Gain Correction (dB)	Cable Loss (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)
3760	-49.97	V	10.25	1.01	-40.73	-13	-27.73
3760	-50.87	Н	10.25	1.01	-41.63	-13	-28.63
658.6	-54.2	V	6.1	0.39	-48.49	-13	-35.49
606.8	-53.66	Н	6.1	0.37	-47.93	-13	-34.93

### High channel

Frequency (MHz)	Substituted level (dBm)	Polarity (H/V)	Antenna Gain Correction (dB)	Cable Loss (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)
3815.2	-48.57	V	10.36	1.02	-39.23	-13	-26.23
3815.2	-50.45	Н	10.36	1.02	-41.11	-13	-28.11
89.5	-54.26	V	0.4	0.12	-53.98	-13	-40.98
475.6	-52.36	Н	6	0.29	-46.65	-13	-33.65

- 1, The testing has been conformed to 10\*1907.6MHz=19,076MHz
- 2, All other emissions more than 30 dB below the limit
- 3,RMC, HSUPA and HSDPA mode were investigated. The results above show only the worse cases
- 4, X-Axis, Y-Axis and Z-Axis were investigated. The results above show only the worst case



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## 6.7 Band Edge

Temperature	23°C
Relative Humidity	54%
Atmospheric Pressure	1014mbar
Test date :	July 11, 2017
Tested By:	Loren Luo

### Requirement(s):

Spec	Item	Requirement	Applicable
§22.917(a) §24.238(a)	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.	>
Test setup	Ba	EUT Spectrum Analyzer	
Procedure	<ul> <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	✓ Pa	ss Fail	

Test Data	Yes	□ <sub>N/A</sub>
Test Plot	Yes (See below)	□ <sub>N/A</sub>



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#### **GSM Voice:**

## Cellular Band (Part 22H) result

Frequency (MHz)	Emission (dBm)	Limit (dBm)
823.997	-14.481	-13
849.005	-17.967	-13

## PCS Band (Part24E) result

Frequency (MHz)	Emission (dBm)	Limit (dBm)
1849.997	-19.344	-13
1910.003	-19.913	-13

#### GPRS:

### Cellular Band (Part 22H) result

Frequency (MHz)	Emission (dBm)	Limit (dBm)
823.992	-16.467	-13
849.012	-18.386	-13

## PCS Band (Part24E) result

Frequency (MHz)	Emission (dBm)	Limit (dBm)
1849.997	-20.068	-13
1910.008	-20.270	-13



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### EGPRS (MSC5):

## Cellular Band (Part 22H) result

Frequency (MHz)	Emission (dBm)	Limit (dBm)
823.997	-16.997	-13
849.003	-15.424	-13

## PCS Band (Part24E) result

Frequency (MHz)	Emission (dBm)	Limit (dBm)
1849.996	-18.178	-13
1910.003	-16.760	-13

### RMC:

## UMTS-FDD Band V (Part 22H)

Frequency (MHz)	Emission (dBm)	Limit (dBm)
823.19	-25.477	-13
849.02	-24.699	-13

## UMTS-FDD Band II (Part 24E)

Frequency (MHz)	Emission (dBm)	Limit (dBm)
1849.02	-22.749	-13
1910.01	-23.358	-13



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### HSDPA:

## UMTS-FDD Band V (Part 22H)

Frequency (MHz)	Emission (dBm)	Limit (dBm)
822.83	-25.455	-13
849.89	-25.628	-13

## UMTS-FDD Band II (Part 24E)

Frequency (MHz)	Emission (dBm)	Limit (dBm)
1849.06	-23.719	-13
1910.01	-22.443	-13

#### **HSUPA**:

## UMTS-FDD Band V (Part 22H)

Frequency (MHz)	Emission (dBm)	Limit (dBm)
822.83	-25.587	-13
849.02	-24.985	-13

## UMTS-FDD Band II (Part 24E)

Frequency (MHz)	Emission (dBm)	Limit (dBm)
1849.13	-24.360	-13
1910.01	-23.085	-13



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#### **GSM Voice:**

#### **Test Plots**





Cellular Band - Low Channel

Cellular Band - High Channel

Note: Offset=Cable loss (4.0) + 10log

(3.20/3)=4.0+0.3=4.3dB

Note: Offset=Cable loss (4.0) + 10log (3.19/3)=4.0+0.3=4.3dB





PCS Band - Low Channel

PCS Band - High Channel

Note: Offset=Cable loss (4.0) + 10log

Note: Offset=Cable loss (4.0) + 10log

(3.17/3)=4.5+0.3=4.8dB

(3.17/3)=4.5+0.2=4.7dB



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#### **GPRS**:

#### **Test Plots**





Cellular Band - Low Channel

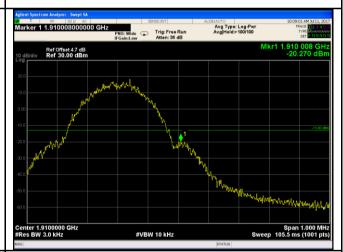
Cellular Band - High Channel

Note: Offset=Cable loss (4.0) + 10log

(3.19/3)=4.0+0.3=4.3dB

Note: Offset=Cable loss (4.0) + 10log (3.19/3)=4.0+0.3=4.3dB





PCS Band - Low Channel

PCS Band - High Channel

Note: Offset=Cable loss (4.5) + 10log

Note: Offset=Cable loss (4.5) + 10log

(3.1/3)=4.5+0.2=4.7dB

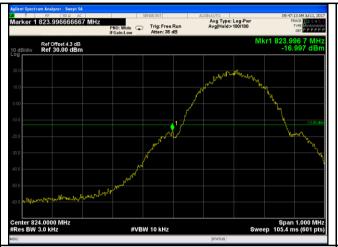
(3.17/3)=4.5+0.2=4.7dB



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### EGPRS (MSC5):

#### **Test Plots**





Cellular Band - High Channel

Cellular Band - Low Channel

Note: Offset=Cable loss (4.0) + 10log

Note: Offset=Cable loss (4.0) + 10log

(3.18/3)=4.0+0.3=4.3dB

(3.21/3)=4.0+0.3=4.3dB





PCS Band - Low Channel

PCS Band - High Channel

Note: Offset=Cable loss (4.5) + 10log

Note: Offset=Cable loss (4.5) + 10log

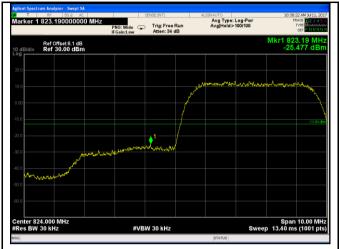
(3.22/3)=4.5+0.2=4.7dB

(3.17/3)=4.5+0.3=4.8dB



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#### RMC:





UMTS-FDD Band V - High Channel

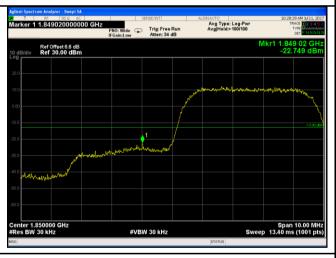
UMTS-FDD Band V - Low Channel

Note: Offset=Cable loss (4.0) + 10log

Note: Offset=Cable loss (4.0) + 10log

(48.60/30)=4.0+2.1=6.1dB

(48.45/30)=4.0+2.1=6.1 dB





UMTS-FDD Band II - Low Channel

UMTS-FDD Band II - High Channel

Note: Offset=Cable loss (4.5) + 10log

Note: Offset=Cable loss (4.5) + 10log

(48.50/30)=4.5+2.1=6.6 dB

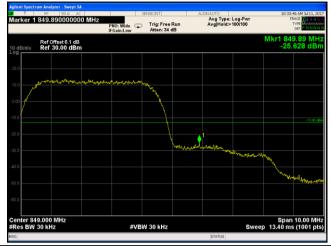
(48.95/30)=4.5+2.1=6.6 dB



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#### **HSDPA**:





UMTS-FDD Band V - Low Channel

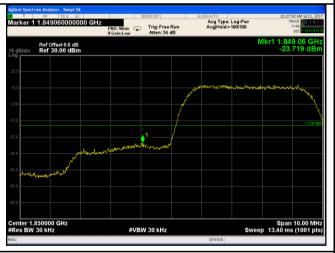
UMTS-FDD Band V - High Channel

Note: Offset=Cable loss (4.0) + 10log

Note: Offset=Cable loss (4.0) + 10log

(48.43/30)=4.0+2.1=6.1dB

(48.48/30)=4.0+2.1=6.1 dB





UMTS-FDD Band II - Low Channel

UMTS-FDD Band II - High Channel

Note: Offset=Cable loss (4.5) + 10log

Note: Offset=Cable loss (4.5) + 10log

(48.91/30)=4.5+2.1=6.6dB

(48.85/30)=4.5+2.1=6.6 dB



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#### **HSUPA**:





UMTS-FDD Band V - Low Channel

UMTS-FDD Band V - High Channel

Note: Offset=Cable loss (4.0) + 10log

Note: Offset=Cable loss (4.0) + 10log

(48.30/30)=4.0+2.1=6.1 dB

(48.54/30)=4.0+2.1=6.1 dB





UMTS-FDD Band II - Low Channel

UMTS-FDD Band II - High Channel

Note: Offset=Cable loss (4.5) + 10log

Note: Offset=Cable loss (4.5) + 10log

(48.56/30)=4.5+2.1=6.6dB

(48.94/30)=4.5+2.1=6.6 dB



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## 6.8 Frequency Stability

Temperature	25°C
Relative Humidity	53%
Atmospheric Pressure	1010mbar
Test date :	July 12, 2017
Tested By :	Loren Luo

#### Requirement(s):

Spec	Item	Requirement				Applicable
		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:  Frequency Tolerance for Transmitters in the Public Mobile Services				
		Frequency	Base,	Mobile ≥ 3	Mobile ≤ 3	
		Range	fixed	watts	watts	
§2.1055,		(MHz)	(ppm)	(ppm )	(ppm)	
§22.355 & a) §24.235	a)	25 to 50	20.0	20.0	50.0	✓
	,	50 to 450	5.0	5.0	50.0	
32 1.200		45 to 512	2.5	5.0	5.0	
		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	
		According to §24.2	35, the frequ	ency stability sha	ll be sufficient to	
		ensure that the fun	damental en	nissions stay withi	n the authorized	
		frequency block.				
Test setup	Base Station EUT  Thermal Chamber					



Test Plot

Yes (See below)

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	A communication link was established between EUT and base station. The			
	frequency error was monitored and measured by base station under variation			
Procedure	of ambient temperature and variation of primary supply voltage.			
	Limit: The frequency stability of the transmitter shall be maintained within			
	±0.00025% (±2.5ppm) of the center frequency.			
Remark				
Result	Pass Fail			
Test Data	Yes N/A			



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### GSM Voice:

## Cellular Band (Part 22H) result

	Middle Channel, f₀ = 836.6 MHz					
Temperature (°C)	Power Supplied (V <sub>DC</sub> )	Frequency Error (Hz)	Frequency Error (ppm)	Limit (ppm)		
-10		16	0.0191	2.5		
0	3.85	18	0.0215	2.5		
10		15	0.0179	2.5		
20		19	0.0227	2.5		
30		14	0.0167	2.5		
40		18	0.0215	2.5		
50		2	0.0024	2.5		
55		11	0.0131	2.5		
25	4.2	20	0.0239	2.5		
	3.6	14	0.0167	2.5		

## PCS Band (Part 24E) result

	Middle Channel, f₀ = 1880 MHz					
Temperature (°C)	Power Supplied (V <sub>DC</sub> )	Frequency Error (Hz)	Frequency Error (ppm)	Limit (ppm)		
-10		16	0.0085	2.5		
0		18	0.0096	2.5		
10	3.85	17	0.0090	2.5		
20		19	0.0101	2.5		
30		15	0.0080	2.5		
40		12	0.0064	2.5		
50		14	0.0074	2.5		
55		12	0.0064	2.5		
25	4.2	20	0.0106	2.5		
	3.6	16	0.0085	2.5		



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#### RMC:

### UMTS-FDD Band V (Part 22H)

	Middle Channel, f₀ = 835 MHz					
Temperature (°C)	Power Supplied (V <sub>DC</sub> )	Frequency Error (Hz)	Frequency Error (ppm)	Limit (ppm)		
-10		16	0.0192	2.5		
0	3.85	18	0.0216	2.5		
10		19	0.0228	2.5		
20		20	0.0240	2.5		
30		14	0.0168	2.5		
40		15	0.0180	2.5		
50		18	0.0216	2.5		
55		16	0.0192	2.5		
25	4.2	20	0.0240	2.5		
	3.6	16	0.0192	2.5		

### UMTS-FDD Band II (Part 24E)

	OMIOTOD Banan (Faitz IL)					
Middle Channel, f <sub>o</sub> = 1880 MHz						
Temperature (°C)	Power Supplied (V <sub>DC</sub> )	Frequency Error (Hz)	Frequency Error (ppm)	Limit (ppm)		
-10		15	0.0080	2.5		
0	3.85	16	0.0085	2.5		
10		19	0.0101	2.5		
20		20	0.0106	2.5		
30		15	0.0080	2.5		
40		14	0.0074	2.5		
50		18	0.0096	2.5		
55		20	0.0106	2.5		
25	4.2	17	0.0090	2.5		
	3.6	13	0.0069	2.5		



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## Annex A. TEST INSTRUMENT

Instrument	Model	Serial #	Cal Date	Cal Due	In use
RF Conducted Test	RF Conducted Test				
Agilent ESA-E SERIES SPECTRUM ANALYZER	E4407B	MY45108319	09/15/2016	09/14/2017	<u> </u>
Power Splitter	1#	1#	08/31/2016	08/30/2017	<b>~</b>
Universal Radio Communication Tester	CMU200	121393	09/24/2016	09/23/2017	V
Temperature/Humidity Chamber	UHL-270	001	10/08/2016	10/07/2017	V
DC Power Supply	E3640A	MY40004013	09/16/2016	09/15/2017	<b>~</b>
RF Power Sensor	Dare RPR3006C/P/W	AY554013	09/16/2016	09/15/2017	<u> </u>
Radiated Emissions					
EMI test receiver	ESL6	100262	09/16/2016	09/15/2017	~
OPT 010 AMPLIFIER (0.1-1300MHz)	8447E	2727A02430	08/31/2016	08/30/2017	V
Microwave Preamplifier (1 ~ 26.5GHz)	8449B	3008A02402	03/23/2017	03/22/2018	<b>\</b>
Bilog Antenna (30MHz~6GHz)	JB6	A110712	09/20/2016	09/19/2017	<u>\</u>
Bilog Antenna (30MHz~2GHz)	JB1	A112017	09/20/2016	09/19/2017	<u>\</u>
Double Ridge Horn Antenna (1 ~18GHz)	AH-118	71259	09/23/2016	09/22/2017	<b>\</b>
Double Ridge Horn Antenna (1 ~18GHz)	AH-118	71283	09/23/2016	09/22/2017	<b>\</b>
SYNTHESIZED SIGNAL GENERATOR	8665B	3744A01293	09/16/2016	09/15/2017	V
Power Amplifier	SMC150D	R1553-0313	03/08/2017	03/07/2018	~
Power Amplifier	S41-25D	R1553-0314	05/26/2017	05/25/2018	~
Tunable Notch Filter	3NF-800/1000- S	AA4	08/31/2016	08/30/2017	V



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Tunable Notch Filter 3NF- 1000/2000-S	AM 4	08/31/2016	08/30/2017	V
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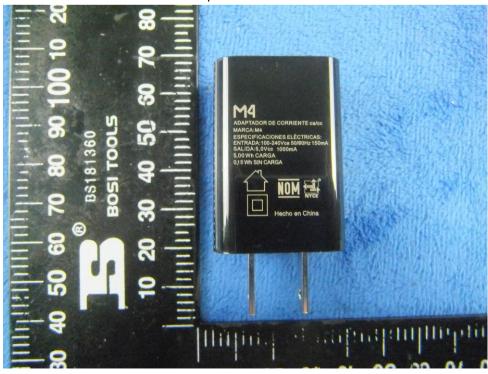
## Annex B. EUT And Test Setup Photographs

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

Whole Package View



Adapter - Lable View





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**EUT - Front View** 



**EUT - Rear View** 



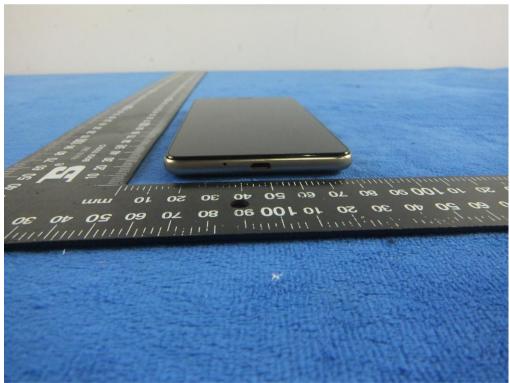


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EUT - Top View



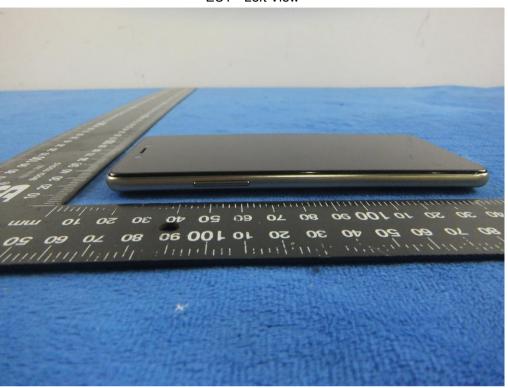
**EUT - Bottom View** 



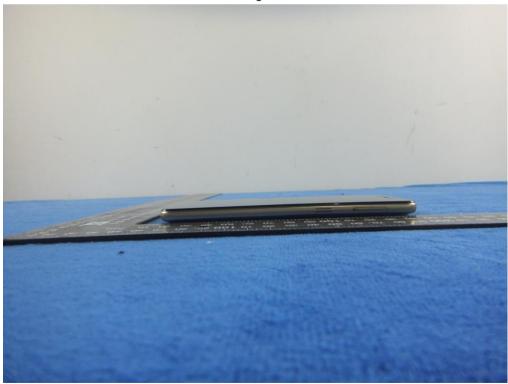


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EUT - Left View



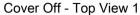
EUT - Right View





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





Cover Off - Top View 2



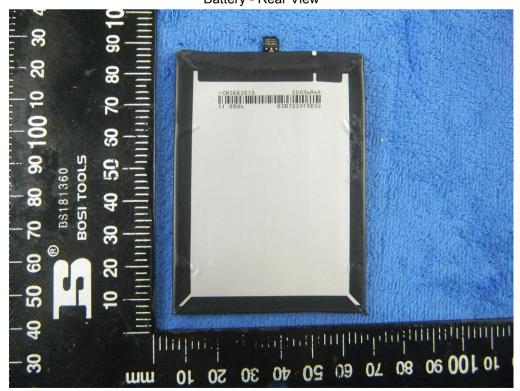


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Battery - Front View



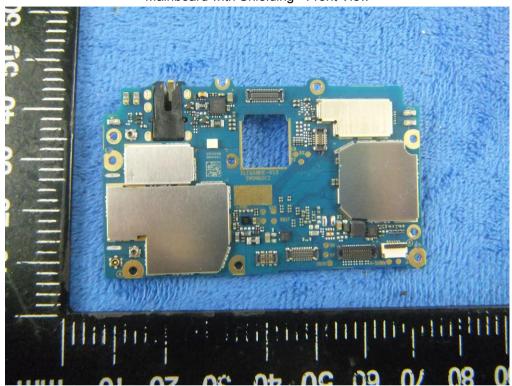
Battery - Rear View



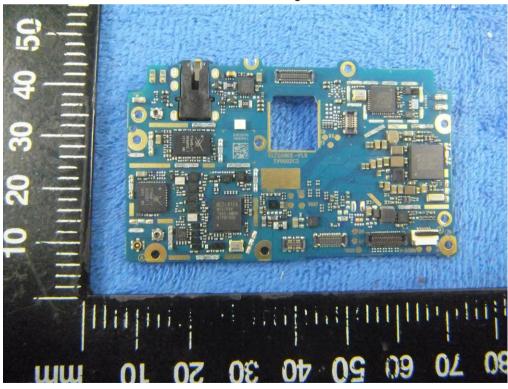


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Mainboard with Shielding - Front View



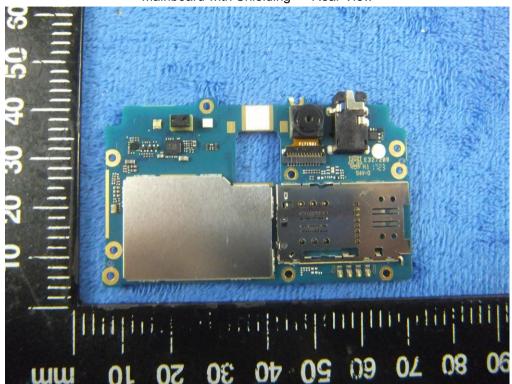
Mainboard without Shielding - Front View



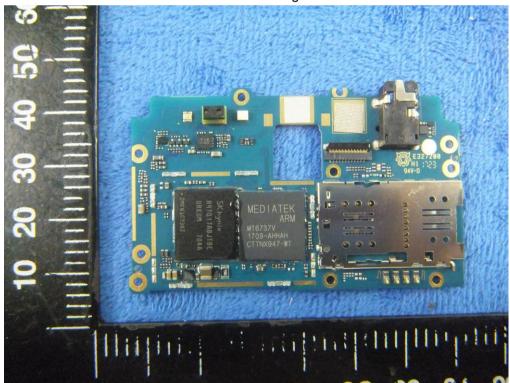


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Mainboard with Shielding - Rear View



Mainboard without Shielding - Rear View





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LCD - Front View



LCD - Rear View



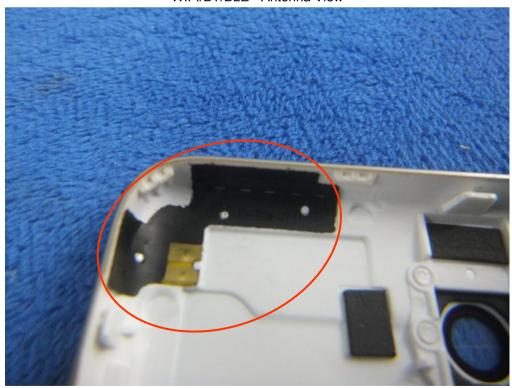


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#### GSM/PCS/UMTS-FDD Antenna View



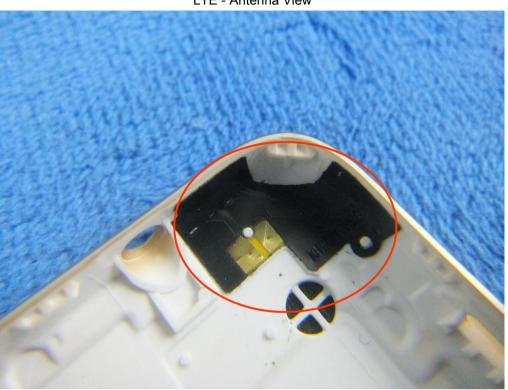
WIFI/BT/BLE - Antenna View





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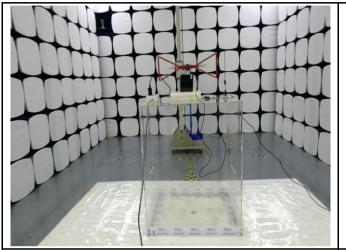
LTE - Antenna View



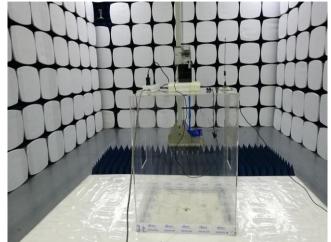


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## Annex B.iii. Photograph: Test Setup Photo



Radiated Spurious Emissions Test Setup Below 1GHz



Radiated Spurious Emissions Test Setup Above 1GHz

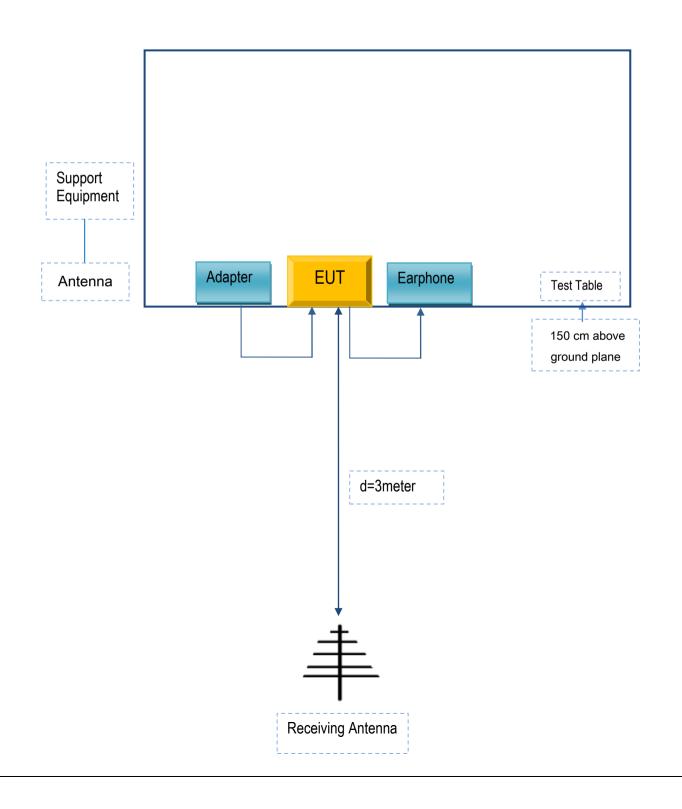


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## Annex C. TEST SETUP AND SUPPORTING EQUIPMENT

### Annex C.ii. TEST SET UP BLOCK

**Block Configuration Diagram for Radiated Emissions** 





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## Annex C. il. 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
MFOURTEL MEXICO S.A. DE C.V.	Adapter	A8-501000	N/A
MFOURTEL MEXICO S.A. DE C.V.	Earphone	M4 SS4453-R	N/A

### Supporting Cable:

Cable type	Shield Type	Ferrite Core	Length	Serial No
USB Cable	Un-shielding	No	0.8m	N/A
Earphone Cables	Un-shielding	No	0.5m	N/A



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## Annex C.ii. EUT OPERATING CONKITIONS

N/A



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

Please see the attachment



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## Annex E. DECLARATION OF SIMILARITY

N/A