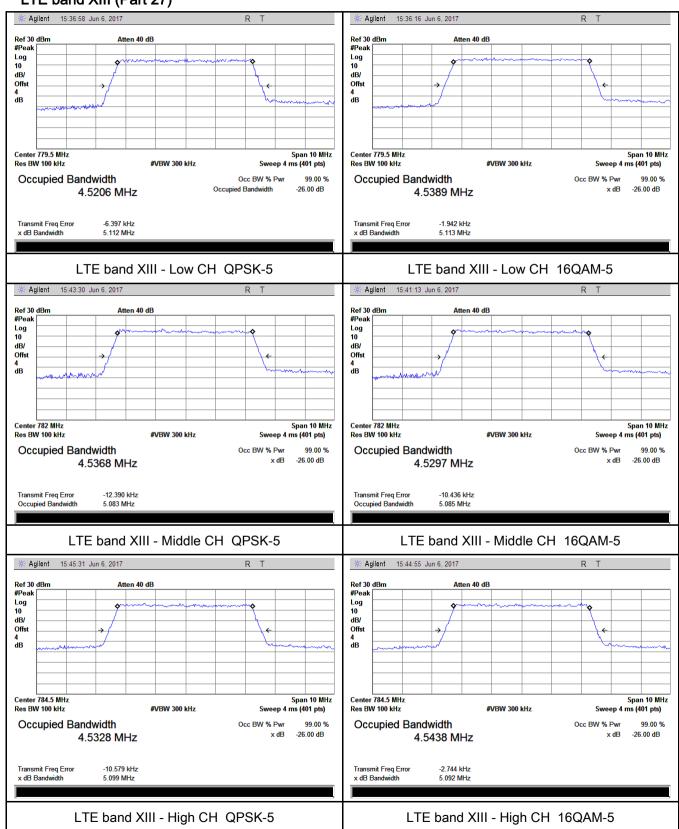


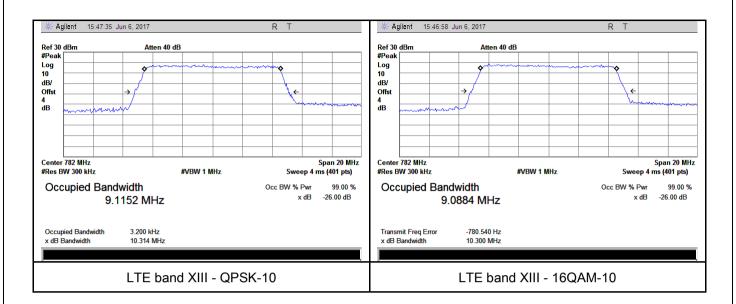
Test Report	17070326-FCC-R5
Page	67 of 127

LTE band XIII (Part 27)





Test Report	17070326-FCC-R5
Page	68 of 127





Test Report	17070326-FCC-R5
Page	69 of 127

6.5 Spurious Emissions at Antenna Terminals

Temperature	23 °C
Relative Humidity	58%
Atmospheric Pressure	1006mbar
Test date :	June 06, 2017
Tested By :	Leen Yang

Requirement(s):

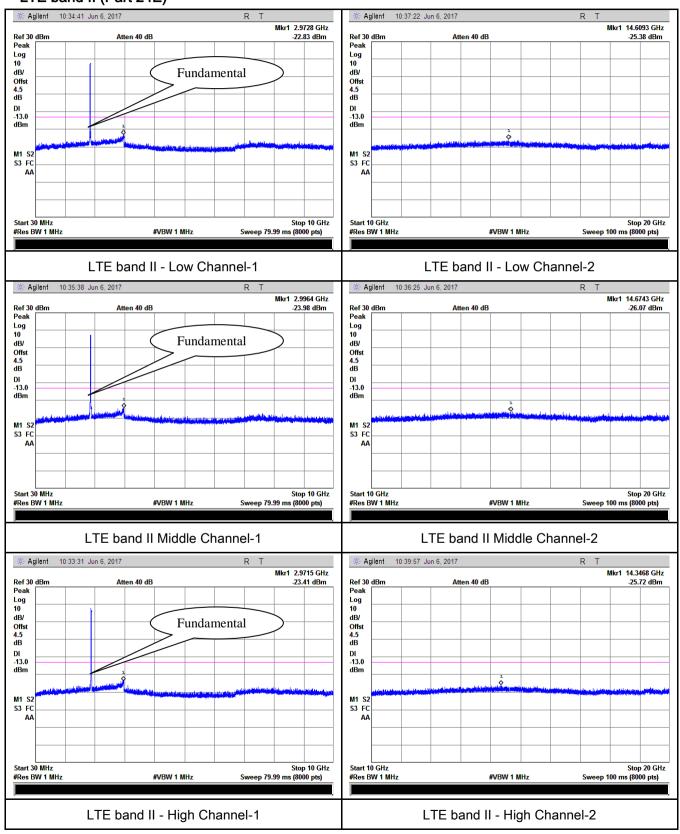
Tequirement(s):			I
Spec	Item	Requirement	Applicable
§2.1051,		The power of any emission outside of the authorized	
§22.917(a)&	2)	operating frequency ranges must be lower than the	V
§24.238(a)	(a)	transmitter power (P) by a factor of at least 43 + 10 log	
§ 27.53(h)		(P) dB	
Test Setup	B:	EUT Spectrum Analyzer	
Test Procedure	 The EUT was connected to Spectrum Analyzer and Base Station via power divider. The Band Edges of low and high channels for the highest RF powers were measured. Setting RBW as roughly BW/100. 		
Remark			
Result	☑ Pa	ss Fail	

Test Data	Yes	□ _{N/A}
Test Plot	Yes (See below)	$\square_{N/A}$



Test Report	17070326-FCC-R5
Page	70 of 127

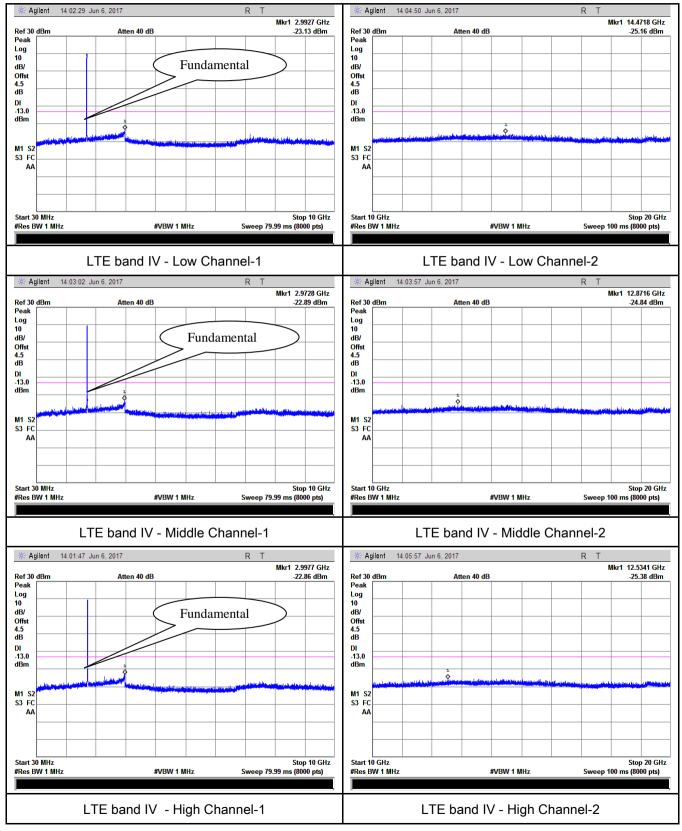
Test Plots 30MHz-5GHz LTE band II (Part 24E)





Test Report	17070326-FCC-R5
Page	71 of 127

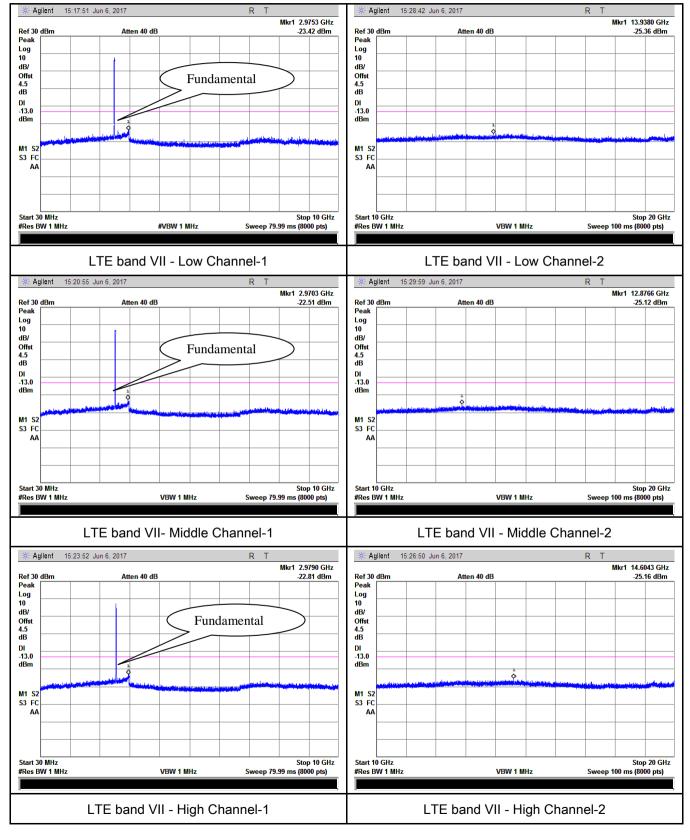
LTE band IV (Part27) result





Test Report	17070326-FCC-R5
Page	72 of 127

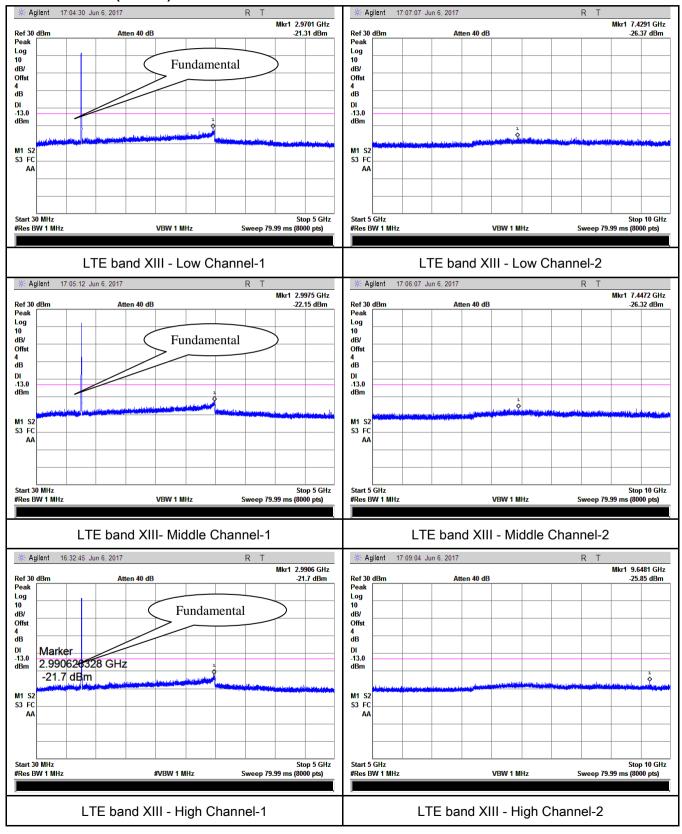
LTE band VII (Part 27)





Test Report	17070326-FCC-R5
Page	73 of 127

LTE band XIII (Part 27)





Test Report	17070326-FCC-R5
Page	74 of 127

6.6 Spurious Radiated Emissions

Temperature	24 °C
Relative Humidity	59%
Atmospheric Pressure	1007mbar
Test date :	June 07, 2016
Tested By :	Leen Yang

Requirement(s):							
Spec	Item	Requirement	Applicable				
§2.1053, §22.917 & §24.238 § 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.					
Test setup	EUT& Suppor	Turn Table					
Test Procedure	rad 2. The Dur vari was 3. Rer con of th Sar	radiating load which was also placed on the turntable. 2. 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.					



Test Report	17070326-FCC-R5
Page	75 of 127

Remark				
Result	Pass	Fail		
Test Data	Yes	□ _{N/A}		
Test Plot	Yes (See below)	▽ N/A		



Test Report	17070326-FCC-R5
Page	76 of 127

LTE band II (Part 24E) 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)
3720	-46.85	V	10.25	2.73	-39.33	-13	-26.33
3720	-46.93	Н	10.25	2.73	-39.41	-13	-26.41
50.2	-45.37	V	-4.2	0.11	-49.68	-13	-36.68
203.4	-48.77	Н	4.6	0.18	-44.35	-13	-31.35

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	-46.45	V	10.25	2.73	-38.93	-13	-25.93
3760	-47.28	Н	10.25	2.73	-39.76	-13	-26.76
50.2	-45.12	V	-4.2	0.11	-49.43	-13	-36.43
203.4	-48.56	Н	4.6	0.18	-44.14	-13	-31.14

High channel

Frequency (MHz)	Substituted level (dBm)	Polarity (H/V)	Antenna Gain Correction (dB)	Cable Loss (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)
3800	-46.27	V	10.36	2.73	-38.64	-13	-25.64
3800	-46.98	Н	10.36	2.73	-39.35	-13	-26.35
50.2	-45.34	V	-4.2	0.11	-49.65	-13	-36.65
203.4	-47.85	Н	4.6	0.18	-43.43	-13	-30.43

- 1, The testing has been conformed to 10*1907.5MHz=19,075MHz
- 2, All other emissions more than 30 dB below the limit
- 3, X-Axis, Y-Axis and -Axis were investigated. The results above show only the worst case.



Test Report	17070326-FCC-R5
Page	77 of 127

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	-46.31	V	10.06	2.52	-38.77	-13	-25.77
3440	-47.28	Н	10.06	2.52	-39.74	-13	-26.74
50.2	-45.59	V	-4.2	0.11	-49.9	-13	-36.9
203.4	-48.62	Н	4.6	0.18	-44.2	-13	-31.2

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	-46.43	V	10.09	2.52	-38.86	-13	-25.86
3465	-47.16	Н	10.09	2.52	-39.59	-13	-26.59
50.2	-46.69	V	-4.2	0.11	-51	-13	-38
203.4	-49.37	Н	4.6	0.18	-44.95	-13	-31.95

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	-46.38	V	10.09	2.52	-38.81	-13	-25.81
3490	-47.22	Н	10.09	2.52	-39.65	-13	-26.65
50.2	-46.71	V	-4.2	0.11	-51.02	-13	-38.02
203.4	-49.26	Н	4.6	0.18	-44.84	-13	-31.84

- 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 -Axis were investigated. The results above show only the worst case.



Test Report	17070326-FCC-R5
Page	78 of 127

LTE band VII(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)
5020	-48.33	٧	10.29	0.98	-39.02	-13	-26.02
5020	-47.95	Н	10.29	0.98	-38.64	-13	-25.64
50.2	-46.44	V	-4.2	0.11	-50.75	-13	-37.75
203.4	-48.28	Н	4.6	0.18	-43.86	-13	-30.86

Middle channel

Frequency (MHz)	Substituted level (dBm)	Polarity (H/V)	Antenna Gain Correction (dB)	Cable Loss (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)
5070	-48.01	V	10.3	0.99	-38.7	-13	-25.7
5070	-47.86	Н	10.3	0.99	-38.55	-13	-25.55
50.2	-46.13	V	-4.2	0.11	-50.44	-13	-37.44
203.4	-48.47	Н	4.6	0.18	-44.05	-13	-31.05

High channel

Frequency (MHz)	Substituted level (dBm)	Polarity (H/V)	Antenna Gain Correction (dB)	Cable Loss (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)
5120	-48.25	V	10.32	1	-38.93	-13	-25.93
5120	-48.32	Н	10.32	1	-39	-13	-26
50.2	-46.24	٧	-4.2	0.11	-50.55	-13	-37.55
203.4	-47.85	Н	4.6	0.18	-43.43	-13	-30.43

- 1, The testing has been conformed to 10*2567.5MHz=25,675MHz
- $2, All \ other \ emissions \ more \ than \ 30 \ dB \ below \ the \ limit$
- 3, X-Axis, Y-Axis and -Axis were investigated. The results above show only the worst case.



Test Report	17070326-FCC-R5
Page	79 of 127

LTE band XIII(Part27) result

Frequency (MHz)	Substituted level (dBm)	Polarity (H/V)	Antenna Gain Correction (dB)	Cable Loss (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)
1564	-49.12	V	6.4	0.64	-43.36	-13	-30.36
1564	-45.87	Н	6.4	0.64	-40.11	-13	-27.11
586.2	-55.31	V	6.1	0.37	-49.58	-13	-36.58
855.94	-52.34	Н	6.2	0.44	-46.58	-13	-33.58

- 1, The testing has been conformed to 10*713.5MHz=7,135MHz
- 2, All other emissions more than 30 dB below the limit
- 3, X-Axis, Y-Axis and -Axis were investigated. The results above show only the worst case.



Test Report	17070326-FCC-R5
Page	80 of 127

6.7 Band Edge

Temperature	23 °C
Relative Humidity	58%
Atmospheric Pressure	1006mbar
Test date :	June 06, 2017
Tested By :	Leen Yang

Requirement(s):

Spec	Item	Requirement	Applicable	
§22.917(a) §24.238(a) § 27.53(h)	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	-	The EUT was connected to Spectrum Analyzer and Base S power divider. The Band Edges of low and high channels for the highest R were measured. Setting RBW as roughly BW/100.		
Remark				
Result	☑ Pa	ss Fail		

Test Data	Yes	□ _{N/A}
Test Plot	Yes (See below)	□ _{N/A}



Test Report	17070326-FCC-R5
Page	81 of 127

LTE band II (Part 24E) result

BW(MHz)	Channel	Frequency (MHz)	Mode	Emission (dBm)	Limit (dBm)
4.4	40607	4050	QPSK	-26.53	-13
1.4	18607	1850	16QAM	-26.60	-13
1.4	19000	1010	QPSK	-22.87	-13
1.4	18900	1910	16QAM	-23.03	-13
3	1961F	1950	QPSK	-19.10	-13
3	18615	1850	16QAM	-19.62	-13
3	1010E	1010	QPSK	-20.84	-13
3	19185	1910	16QAM	-20.72	-13
F	1962F	1950	QPSK	-18.21	-13
5	18625	1850	16QAM	-16.75	-13
5	19175	1010	QPSK	-17.05	-13
5		1910	16QAM	-17.40	-13
10	19650	1950	QPSK	-17.51	-13
10	18650	1850	16QAM	-20.05	-13
10	10150	1010	QPSK	-17.29	-13
10	19150	1910	16QAM	-17.90	-13
15	19675	1950	QPSK	-19.64	-13
15	18675	1850	16QAM	-17.68	-13
15	1012F	1010	QPSK	-20.83	-13
15	19125	1910	16QAM	-21.07	-13
20	18700	1848	QPSK	-26.84	-13
20	10/00	1040	16QAM	-25.35	-13
20	19100	1911	QPSK	-22.03	-13
20	19100 1911	16QAM	-21.06	-13	



Test Report	17070326-FCC-R5
Page	82 of 127

LTE band IV (Part 27) result

BW(MHz)	Channel	Frequency (MHz)	Mode	Emission (dBm)	Limit (dBm)	
1.4	10057	1710	QPSK	-23.41	-13	
1.4	19957	1710	16QAM	-23.23	-13	
4.4	20202	4755	QPSK	-22.76	-13	
1.4	20393	1755	16QAM	-23.65	-13	
2	40005	4740	QPSK	-18.81	-13	
3	19965	1710	16QAM	-17.12	-13	
2	20205	4755	QPSK	-20.97	-13	
3	20385	1755	16QAM	-19.56	-13	
-	40075	4740	QPSK	-20.50	-13	
5	19975	5 1710	16QAM	-17.50	-13	
	00075	4755	QPSK	-18.83	-13	
5	20375	1755	16QAM	-17.79	-13	
40	00000	4740	QPSK	-18.27	-13	
10	20000	1710	16QAM	-17.72	-13	
40		20250	1755	QPSK	-18.86	-13
10	20350	1755	16QAM	-17.10	-13	
45	00005	4740	QPSK	-20.50	-13	
15	20025	1710	16QAM	-20.54	-13	
4.5	20225	25 1755	QPSK	-21.40	-13	
15	20325		16QAM	-18.75	-13	
20		0050 1710	QPSK	-24.13	-13	
20	20050		16QAM	-23.18	-13	
20	20200	20300 1755	QPSK	-21.30	-13	
20 20300	20300		16QAM	-22.45	-13	



Test Report	17070326-FCC-R5
Page	83 of 127

LTE band XIII (Part 27) result

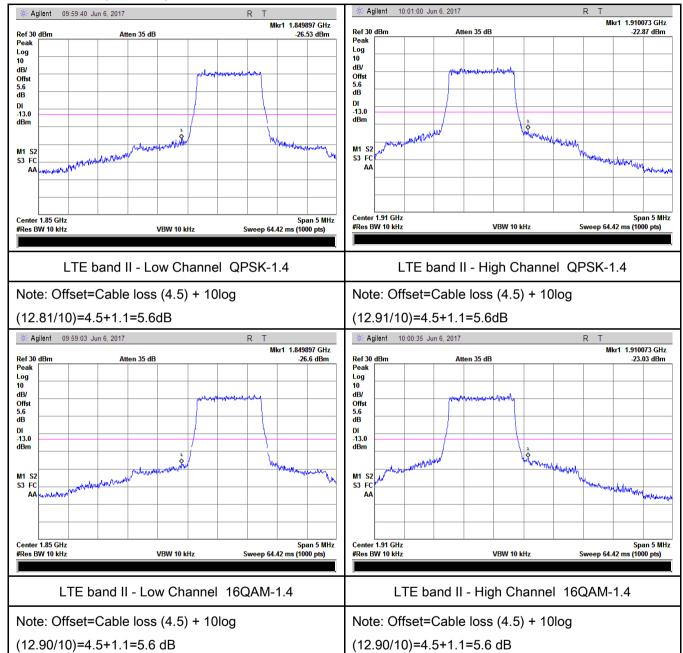
BW(MHz)	Channel	Frequency (MHz)	Mode	Emission (dBm)	Limit (dBm)
5	5 00755	703.9	QPSK	-14.20	-13
5	23755		16QAM	-14.65	-13
5	5 00005	716	QPSK	-15.41	-13
5	23825		16QAM	-16.54	-13
40	40 00700	703.9	QPSK	-14.21	-13
10 23780	23780		16QAM	-14.62	-13
10 2	22000	23800 716	QPSK	-15.21	-13
	23800		16QAM	-15.27	-13



Test Report	17070326-FCC-R5
Page	84 of 127

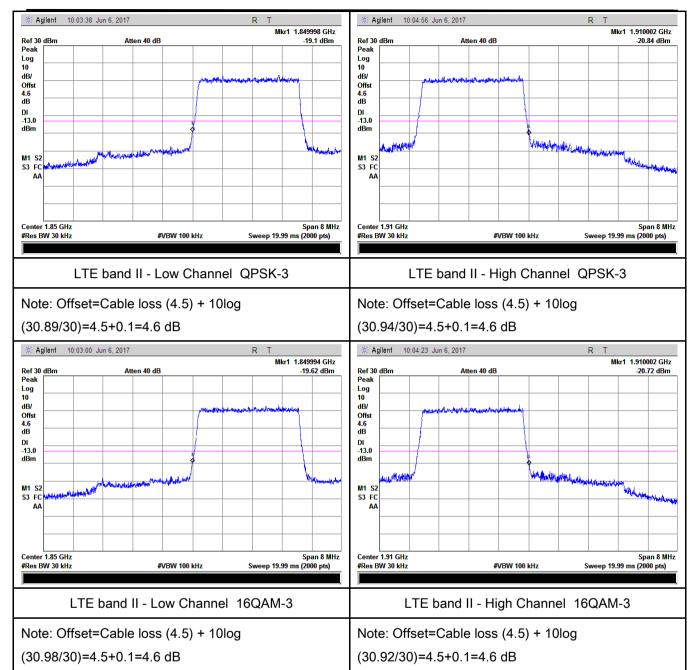
Test Plots

LTE band II (Part 24E)



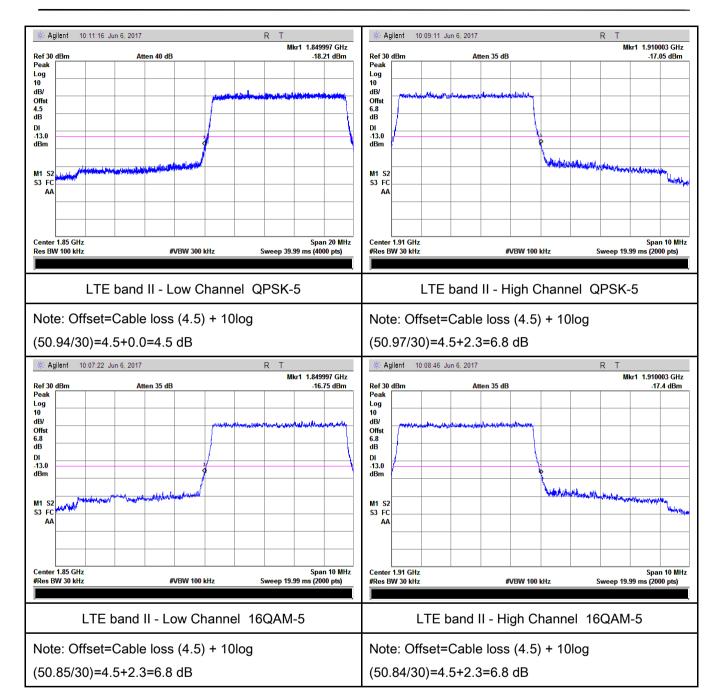


Test Report	17070326-FCC-R5
Page	85 of 127



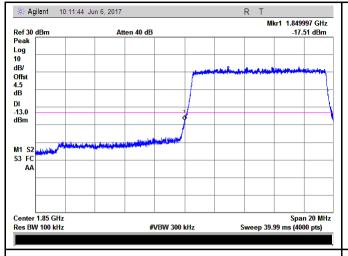


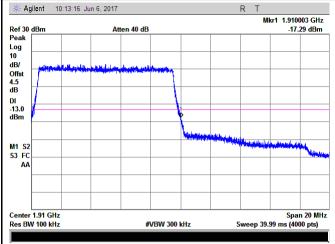
Test Report	17070326-FCC-R5
Page	86 of 127





Test Report	17070326-FCC-R5
Page	87 of 127



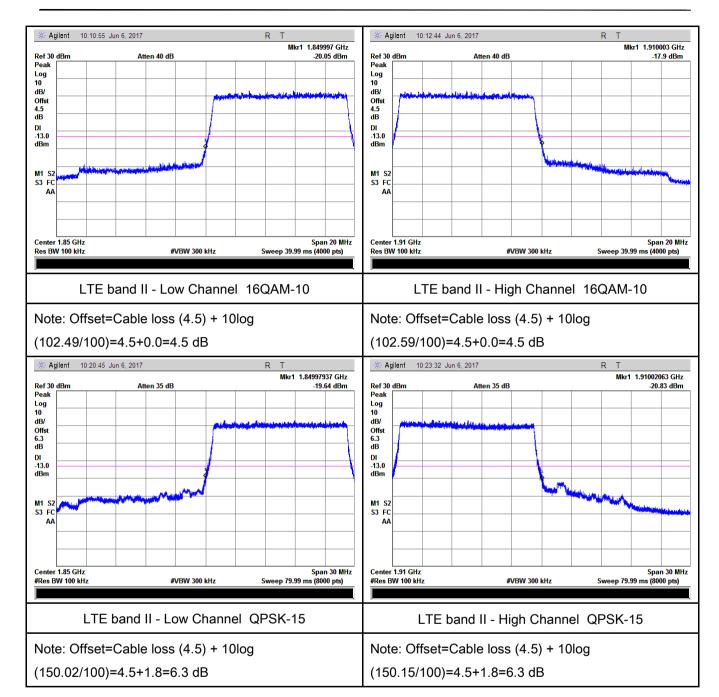


LTE band II - Low Channel QPSK-10

LTE band II - High Channel QPSK-10

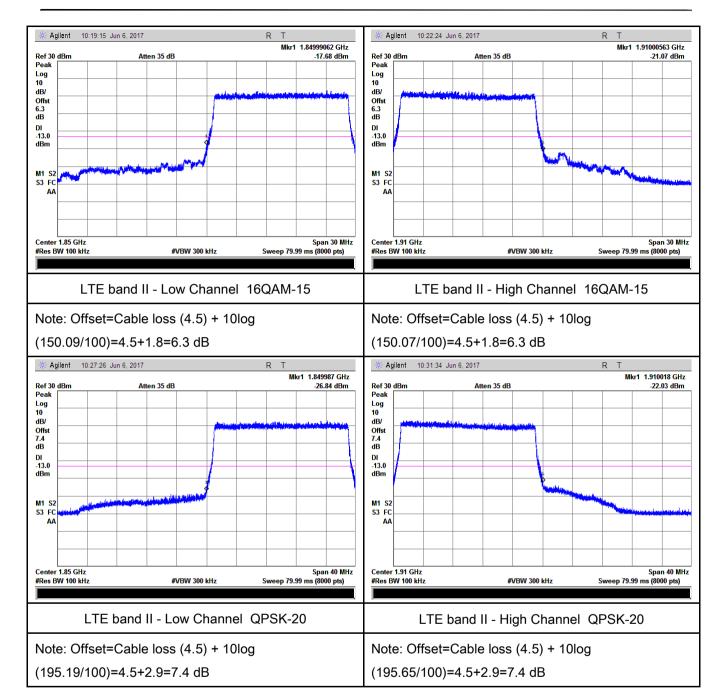


Test Report	17070326-FCC-R5
Page	88 of 127



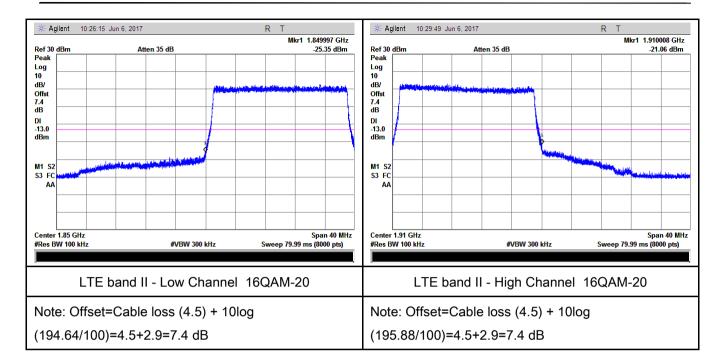


Test Report	17070326-FCC-R5
Page	89 of 127





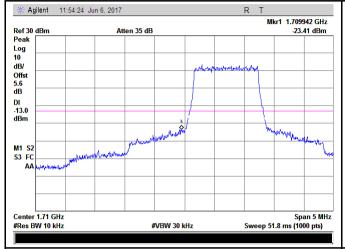
Test Report	17070326-FCC-R5
Page	90 of 127

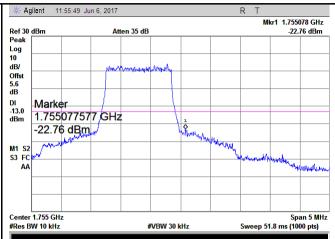




Test Report	17070326-FCC-R5
Page	91 of 127

LTE band IV (Part 27)



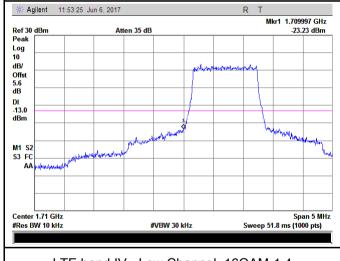


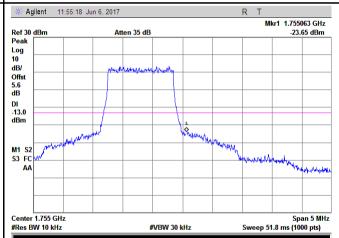
LTE band IV - Low Channel QPSK-1.4

LTE band IV - High Channel QPSK-1.4

Note: Offset=Cable loss (4.5) + 10log (12.96/10)=4.5+1.1=5.6 dB

Note: Offset=Cable loss (4.5) + 10log (12.85/10)=4.5+1.1=5.6 dB





LTE band IV - Low Channel 16QAM-1.4

LTE band IV - High Channel 16QAM-1.4

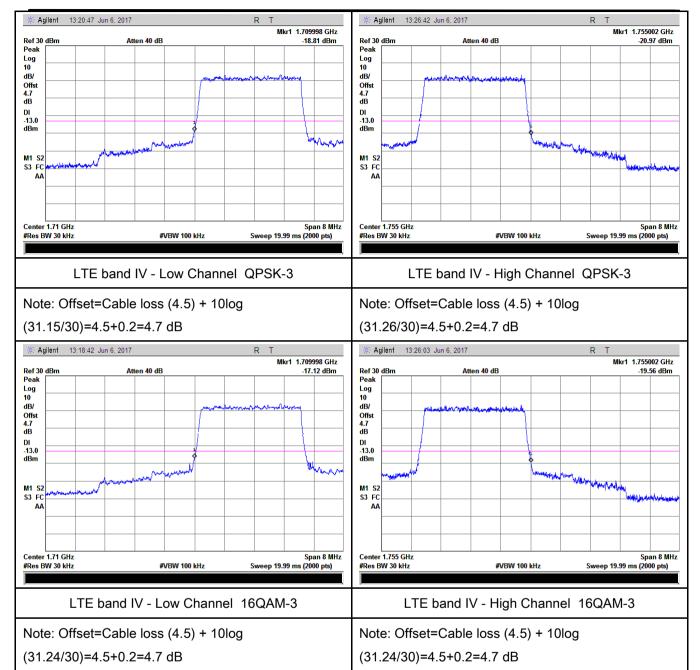
Note: Offset=Cable loss (4.5) + 10log (12.90/10)=4.5+1.1=5.6 dB

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

((12.87/10)=4.5+1.1=5.6 dB

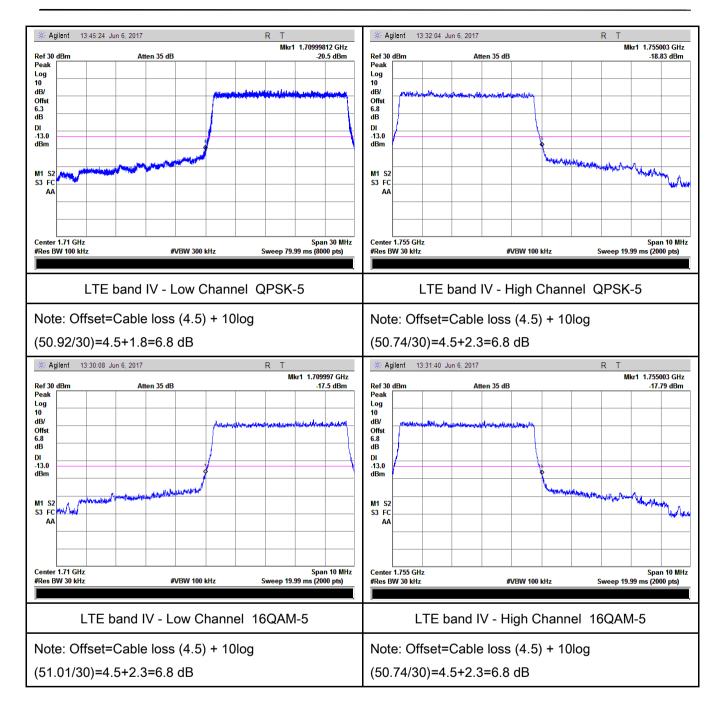


Test Report	17070326-FCC-R5
Page	92 of 127



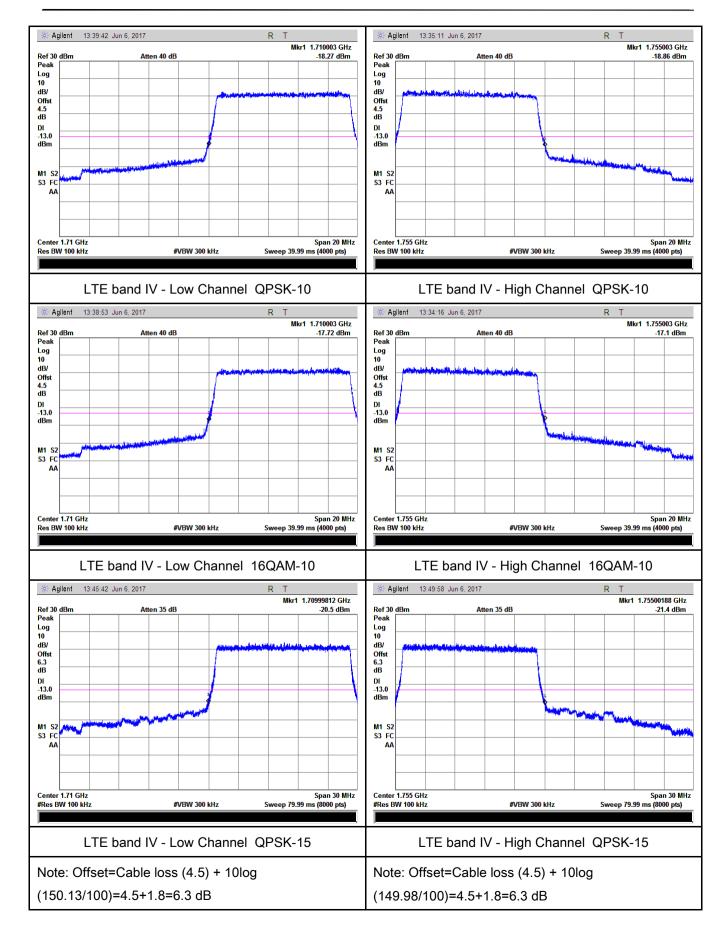


Test Report	17070326-FCC-R5	
Page	93 of 127	



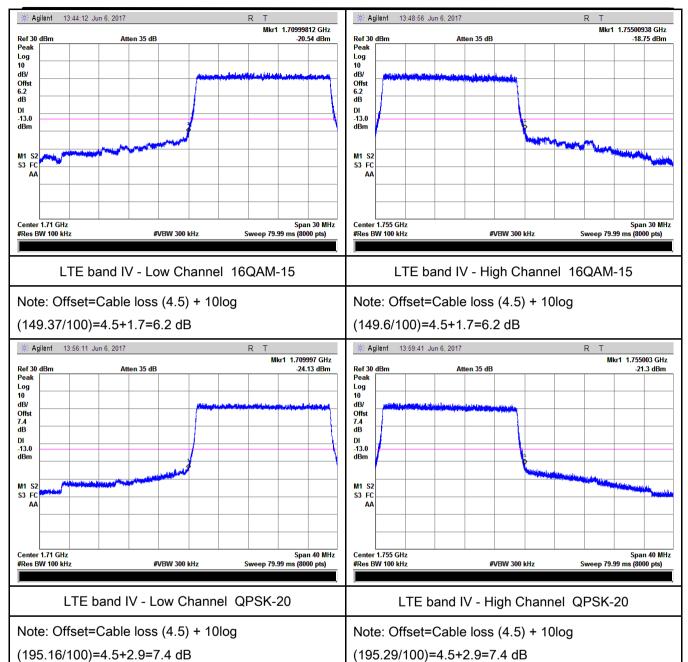


Test Report	17070326-FCC-R5	
Page	94 of 127	



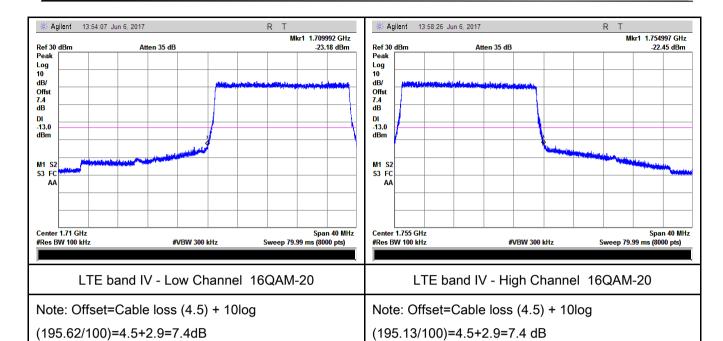


Test Report	17070326-FCC-R5	
Page	95 of 127	





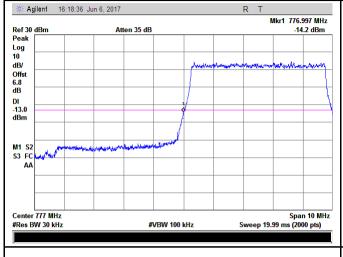
Test Report	17070326-FCC-R5	
Page	96 of 127	

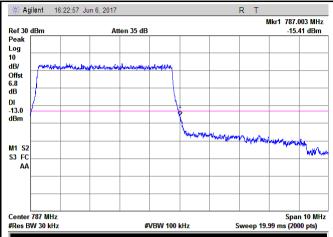




Test Report	17070326-FCC-R5
Page	97 of 127

LTE band XIII (Part 27)





LTE band XIII - Low Channel QPSK-5

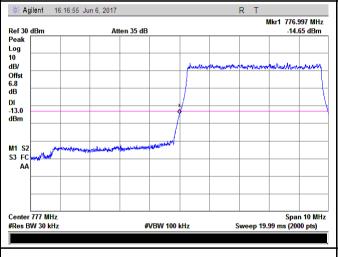
LTE band XIII - High Channel QPSK-5

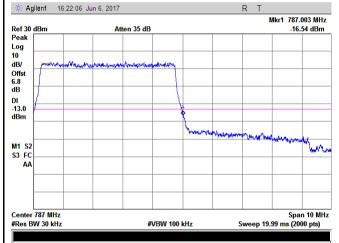
Note: Offset=Cable loss (4.0) + 10log

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

(50.99/30)=4.0+2.8=6.8 dB

(51.12/30)=4.0+2.8=6.8 dB





LTE band XIII - Low Channel 16QAM-5

LTE band XIII - High Channel 16QAM-5

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

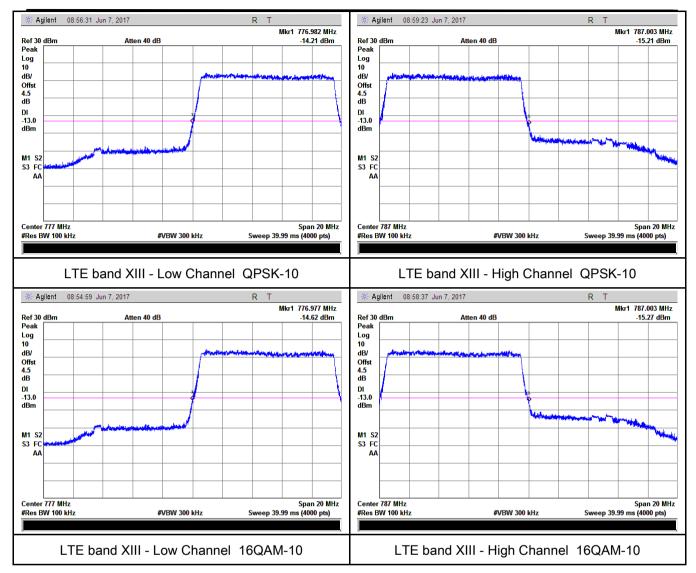
Note: Offset=Cable loss (4.0) + 10log

(51.13/30)=4.0+2.8=6.8 dB

(50.92/30)=4.0+2.8=6.8 dB



Test Report	17070326-FCC-R5	
Page	98 of 127	





Test Report	17070326-FCC-R5
Page	99 of 127

6.8 Band Edge 27.53(m)

Temperature	23 °C		
Relative Humidity	58%		
Atmospheric Pressure	1006mbar		
Test date :	June 06, 2017		
Tested By :	Leen Yang		

Requirement(s):

Spec	Requirement	Applicable		
	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 43+10log			
	(P)dB at the channel edge, the limit of emission equal to -13dBm.			
§27.53(m)	And 55+10log (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 frenqency block a resolution bandwidth of at			
	least one percent of the emission bandwidth of the fundamental			
	emission of the transmitter may be employed.			
Test Setup	EUT			
	Base Station Spectrum Analyzer			
	The EUT was connected to Spectrum Analyzer and Base Station	on via power		
Test	divider.			
Procedure	- The 99% and 26 dB occupied bandwidth (BW) of the middle channel for the			
	highest RF powers.			
Remark				
Result	Pass Fail			

Test Data	Yes	□ _{N/A}
Test Plot	Yes (See below)	



Test Report	17070326-FCC-R5
Page	100 of 127

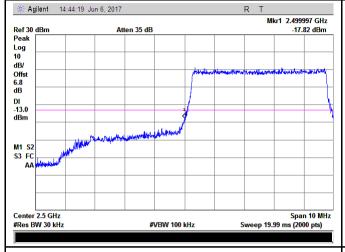
LTE band VII (Part 27) result

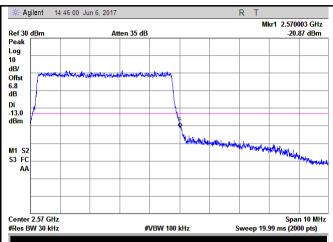
The band vir (1 air 27) 100air					
BW(MHz)	Channel	Frequency (MHz)	Mode	Emission (dBm)	Limit (dBm)
5	20775	2500	QPSK	-17.82	-13
5			16QAM	-17.17	-13
5	21425	0570	QPSK	-20.87	-13
5	21425	2570	16QAM	-19.31	-13
10	20000	2500	QPSK	-18.29	-13
10	20800		16QAM	-19.55	-13
10	21400	2570	QPSK	-18.40	-13
10			16QAM	-18.45	-13
15	20825	2500	QPSK	-19.70	-13
15			16QAM	-22.14	-13
15	21400	2570	QPSK	-21.35	-13
15			16QAM	-19.72	-13
20	20850	2500	QPSK	-22.79	-13
20			16QAM	-23.15	-13
20	21350	2570	QPSK	-22.86	-13
20			16QAM	-22.81	-13



Test Report	17070326-FCC-R5
Page	101 of 127

LTE band VII (Part 27)





LTE band VII - Low Channel QPSK-5

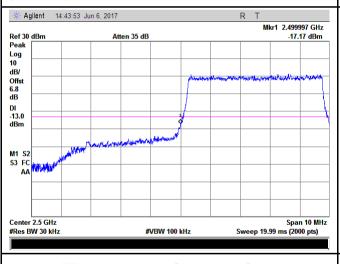
LTE band VII - High Channel QPSK-5

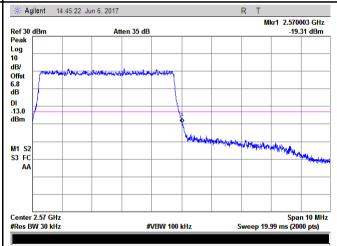
Note: Offset=Cable loss (4.5) + 10log

(51.13/30)=4.5+2.3=6.8 dB

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

(51.09/30)=4.5+2.3=6.8 dB





LTE band VII - Low Channel 16QAM-5

LTE band VII - High Channel 16QAM-5

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

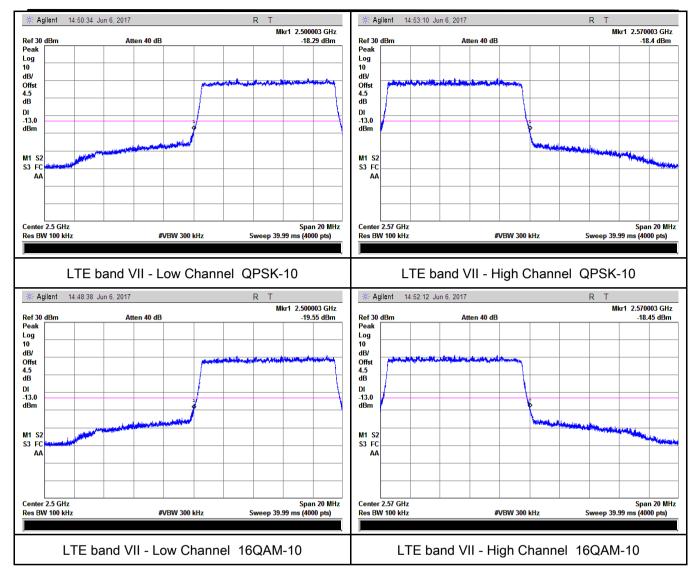
Note: Offset=Cable loss (4.5) + 10log

(51.06/30)=4.5+2.3=6.8 dB

(50.95/30)=4.5+2.3=6.8 dB

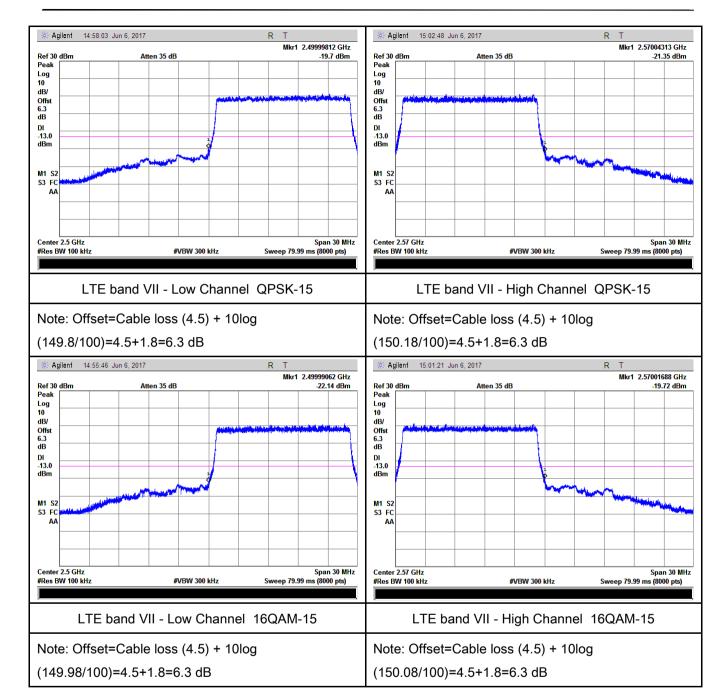


Test Report	17070326-FCC-R5
Page	102 of 127



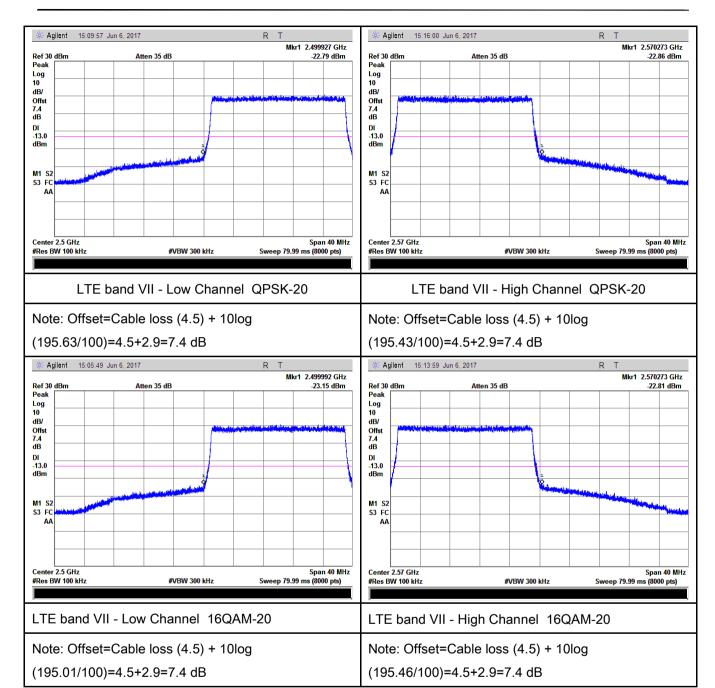


Test Report	17070326-FCC-R5
Page	103 of 127





Test Report	17070326-FCC-R5
Page	104 of 127





Test Report	17070326-FCC-R5
Page	105 of 127

6.9 Frequency Stability

Temperature	23 °C
Relative Humidity	58%
Atmospheric Pressure	1006mbar
Test date :	June 06, 2017
Tested By :	Leen Yang

Requirement(s):

Requirement(s)	:	Ī				1
Spec	Item	Requirement			Applicable	
		According to §22.3 the Public Mobile S tolerances given in Frequency Toleran Services	Services mus Table below	et be maintained w	ithin the	
		Frequency	Base,	Mobile ≤ 3	Mobile ≤ 3	
		Range	fixed	watts	watts	
§2.1055,		(MHz)	(ppm)	(ppm)	(ppm)	
		25 to 50	20.0	20.0	50.0	
§22.355 &		□□to 450	5.0	5.0	50.0	
§24.235	a)	450 to 512	2.5	5.0	5□0	
§ 27.5(h);		821 to 896	1.5	2.5	2.5	
§ 27.54		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.				
		According to §27.5	4, The frequ	ency stability shall	be sufficient to	
		ensure that the fun	damental en	nissions stay withi	n the authorized	
		bands of operation	<u>. </u>			



Test Report	17070326-FCC-R5
Page	106 of 127

Test setup	Base Station EUT Thermal Chamber	
Procedure	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. Limit: The frequency stability of the transmitter shall be maintained within ±0.00025% (±2.5ppm) of the center frequency.	
Remark	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°C at normal supply voltage.	
Result	Pass Fail	

Test Data	Yes	□ _{N/A}
Test Plot	Yes (See below)	✓ _{N/A}



Test Report	17070326-FCC-R5
Page	107 of 127

LTE band II (Part 24E) result

	Middle Channel, f _o = 1880 MHz				
Temperature (°C)	Power Supplied (V _{DC})	Frequency Error (Hz)	Frequency Error (ppm)	Limit (ppm)	
-10		-7	0.0037	2.5	
0	3.7	-12	0.0064	2.5	
10		-15	0.0080	2.5	
20		-14	0.0074	2.5	
30		-13	0.0069	2.5	
40		-14	0.0074	2.5	
50		-15	0.0080	2.5	
55		-17	0.0090	2.5	
25	4.2	-16	0.0085	2.5	
25	3.5	-14	0.0074	2.5	

LTE band IV (Part 27) result

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



Test Report	17070326-FCC-R5
Page	108 of 127

LTE band VII (Part 27) result

	Middle Channel, f₀ = 2535 MHz				
Temperature (°C)	Power Supplied (V _{DC})	Frequency Error (Hz)	Frequency Error (ppm)	Limit (ppm)	
-10		-14	0.0055	2.5	
0	3.7	-16	0.0063	2.5	
10		-17	0.0067	2.5	
20		-12	0.0047	2.5	
30		-10	0.0039	2.5	
40		-11	0.0043	2.5	
50		-13	0.0051	2.5	
55		-12	0.0047	2.5	
25	4.2 3.5	-14	0.0055	2.5	
25		-12	0.0047	2.5	

LTE band XIII (Part 27) result

	Middle Channel, f₀ = 710 MHz				
Temperature (°C)	Power Supplied (V _{DC})	Frequency Error (Hz)	Frequency Error (ppm)	Limit (ppm)	
-10		-14	0.0055	2.5	
0	3.7	-15	0.0059	2.5	
10		-16	0.0063	2.5	
20		-14	0.0055	2.5	
30		-11	0.0043	2.5	
40		-12	0.0047	2.5	
50		-14	0.0055	2.5	
55		-13	0.0051	2.5	
25	4.2 3.5	-14	0.0055	2.5	
25		-14	0.0055	2.5	



Test Report	17070326-FCC-R5
Page	109 of 127

Annex A. TEST INSTRUMENT

Instrument	Model	Serial #	Cal Date	Cal Due	In use
RF Conducted Test					
Agilent ESA-E SERIES SPECTRUM ANALYZER	E4407B	MY45108319	09/15/2016	09/14/2017	V
Power Splitter	1#	1#	08/31/2016	08/30/2017	V
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	V
RF Power Sensor	Dare RPR3006C/P/W	AY554013	09/16/2016	09/15/2017	V
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	V
Bilog Antenna (30MHz~6GHz)	JB6	A110712	09/20/2016	09/19/2017	V
Bilog Antenna (30MHz~2GHz)	JB1	A112017	09/20/2016	09/19/2017	V
Double Ridge Horn Antenna (1 ~18GHz)	AH-118	71259	09/23/2016	09/22/2017	>
Double Ridge Horn Antenna (1 ~18GHz)	AH-118	71283	09/23/2016	09/22/2017	✓
SYNTHESIZED SIGNAL GENERATOR	8665B	3744A01293	09/16/2016	09/15/2017	~
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



Test Report	17070326-FCC-R5
Page	110 of 127

Tunable Notch Filter	3NF- 1000/2000-S	AM 4	08/31/2016	08/30/2017	V
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Test Report	17070326-FCC-R5
Page	111 of 127

Annex B. EUT And Test Setup Photographs

Annex B.i. Photograph: EUT External Photo

Whole Package View



Adapter - Lable View



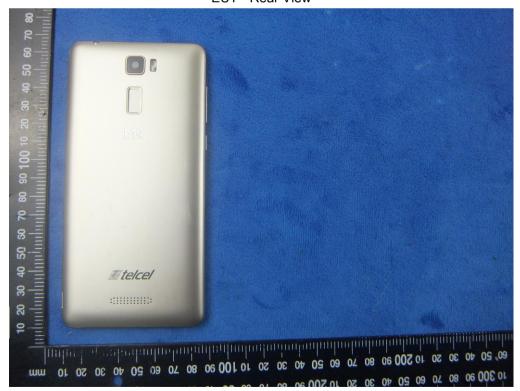


Test Report	17070326-FCC-R5
Page	112 of 127

EUT - Front View



EUT - Rear View



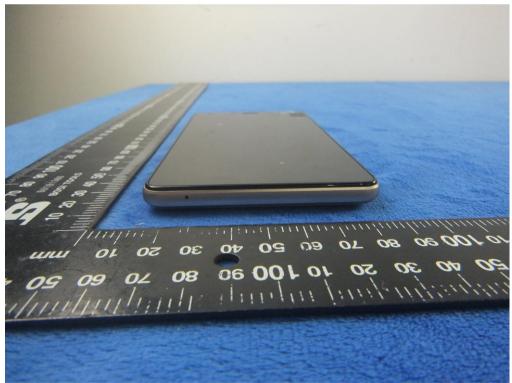


Test Report	17070326-FCC-R5
Page	113 of 127

EUT - Top View



EUT - Bottom View



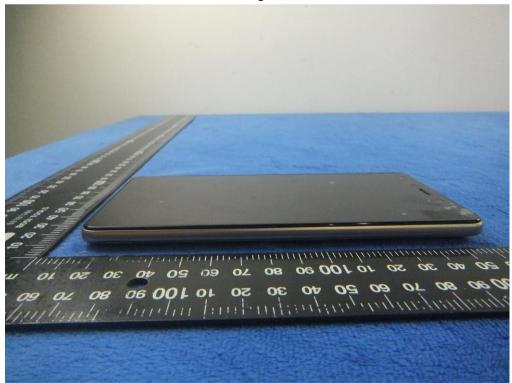


Test Report	17070326-FCC-R5
Page	114 of 127

EUT - Left View



EUT - Right View





Test Report	17070326-FCC-R5
Page	115 of 127

Annex B.ii. Photograph: EUT Internal Photo

Cover Off - Top View 1



Cover Off - Top View 2





Test Report	17070326-FCC-R5
Page	116 of 127

Battery - Front View



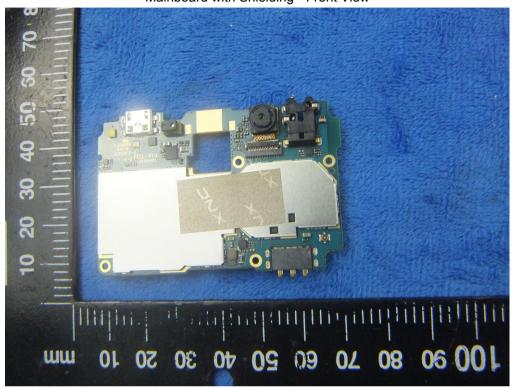
Battery - Rear View



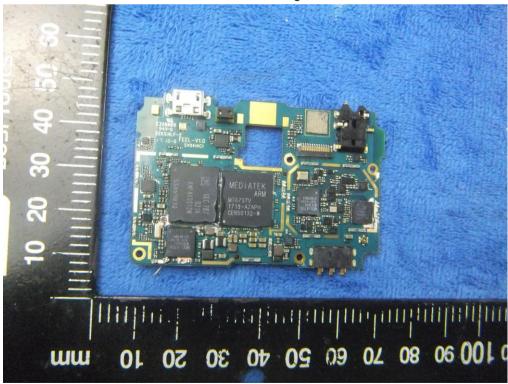


Test Report	17070326-FCC-R5
Page	117 of 127

Mainboard with Shielding - Front View



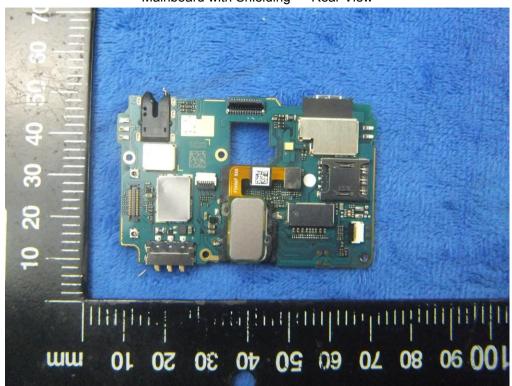
Mainboard without Shielding - Front View





Test Report	17070326-FCC-R5
Page	118 of 127

Mainboard with Shielding - Rear View



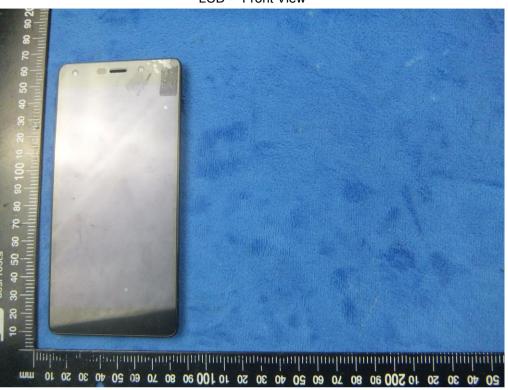
Mainboard without Shielding - Rear View





Test Report	17070326-FCC-R5
Page	119 of 127

LCD - Front View



LCD - Rear View





Test Report	17070326-FCC-R5
Page	120 of 127

GSM/PCS/UMTS-FDD Antenna View



WIFI/BT/BLE - Antenna View





Test Report	17070326-FCC-R5
Page	121 of 127

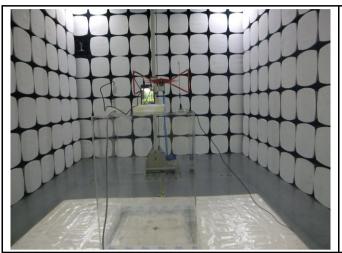
LTE - Antenna View

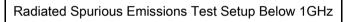


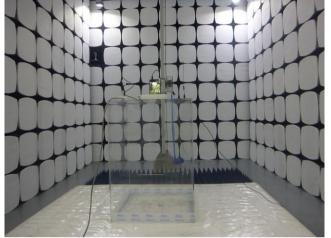


Test Report	17070326-FCC-R5
Page	122 of 127

Annex B.iii. Photograph: Test Setup Photo







Radiated Spurious Emissions Test Setup Above 1GHz

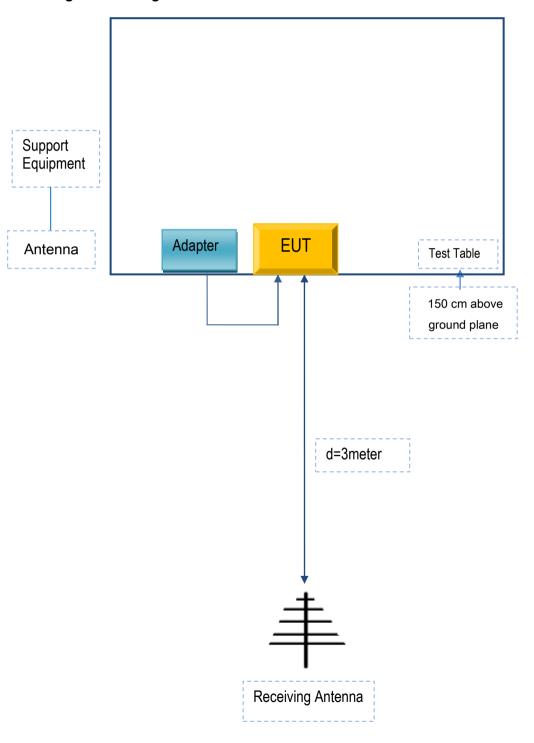


Test Report	17070326-FCC-R5
Page	123 of 127

Annex C. TEST SETUP AND SUPPORTING EQUIPMENT

Annex C.ii. TEST SET UP BLOCK

Block Configuration Diagram for Radiated Emissions





Test Report	17070326-FCC-R5
Page	124 of 127

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	ST0852

Supporting Cable:

Cable type	Shield Type	Ferrite Core	Length	Serial No
USB Cable	Un-shielding	No	0.8m	ST0852



Test Report	17070326-FCC-R5
Page	125 of 127

Annex C.ii. EUT OPERATING CONKITIONS

N/A



Test Report	17070326-FCC-R5
Page	126 of 127

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

N/A



Test Report	17070326-FCC-R5
Page	127 of 127

Annex E. DECLARATION OF SIMILARITY

N/A