
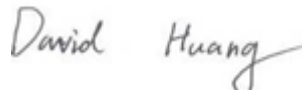


RF TEST REPORT



Report No.: 17071364-FCC-R5

Supersede Report No.: N/A

Applicant	INFINIX MOBILITY LIMITED	
Product Name	Mobile phone	
Model No.	X573	
Serial No.	N/A	
Test Standard	FCC Part 22(H):2016, FCC Part 24(E):2016, FCC Part 27: 2016; ANSI/TIA-603-D: 2010	
Test Date	December 06, 2017 to January 1, 2018	
Issue Date	January 2, 2018	
Test Result	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	
Equipment complied with the specification	<input checked="" type="checkbox"/>	
Equipment did not comply with the specification	<input type="checkbox"/>	
		
Aaron Liang Test Engineer	David Huang Checked By	
<p>This test report may be reproduced in full only</p> <p>Test result presented in this test report is applicable to the tested sample only</p>		

Issued by:

SIEMIC (SHENZHEN-CHINA) LABORATORIES
Zone A, Floor 1, Building 2 Wan Ye Long Technology Park

Test Report	17071364-FCC-R5
Page	2 of 116

South Side of Zhoushi Road, Bao' an District, Shenzhen, Guangdong China 518108

Phone: +86 0755 2601 4629801 Email: China@siemic.com.cn

Laboratories Introduction

SIEMIC, headquartered in the heart of Silicon Valley, with superior facilities in US and Asia, is one of the leading independent testing and certification facilities providing customers with one-stop shop services for Compliance Testing and Global Certifications.



In addition to testing and certification, SIEMIC provides initial design reviews and compliance management throughout a project. Our extensive experience with China, Asia Pacific, North America, European, and International compliance requirements, assures the fastest, most cost effective way to attain regulatory compliance for the global markets.

Accreditations for Conformity Assessment

Country/Region	Scope
USA	EMC, RF/Wireless, SAR, Telecom
Canada	EMC, RF/Wireless, SAR, Telecom
Taiwan	EMC, RF, Telecom, SAR, Safety
Hong Kong	RF/Wireless, SAR, Telecom
Australia	EMC, RF, Telecom, SAR, Safety
Korea	EMI, EMS, RF, SAR, Telecom, Safety
Japan	EMI, RF/Wireless, SAR, Telecom
Singapore	EMC, RF, SAR, Telecom
Europe	EMC, RF, SAR, Telecom, Safety

Test Report	17071364-FCC-R5
Page	4 of 116

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CONTENTS

1. REPORT REVISION HISTORY.....	6
2. CUSTOMER INFORMATION	6
3. TEST SITE INFORMATION	6
4. EQUIPMENT UNDER TEST (EUT) INFORMATION	7
5. TEST SUMMARY	9
6. MEASUREMENTS, EXAMINATION AND DERIVED RESULTS	10
6.1 RF EXPOSURE (SAR)	10
6.2 RF OUTPUT POWER	11
6.3 PEAK-AVERAGE RATIO	37
6.4 OCCUPIED BANDWIDTH.....	41
6.5 SPURIOUS EMISSIONS AT ANTENNA TERMINALS	63
6.6 SPURIOUS RADIATED EMISSIONS	67
6.7 BAND EDGE	72
6.8 BAND EDGE 27.53(M)	87
6.9 FREQUENCY STABILITY	93
ANNEX A. TEST INSTRUMENT	97
ANNEX B. EUT AND TEST SETUP PHOTOGRAPHS	99
ANNEX C. TEST SETUP AND SUPPORTING EQUIPMENT	112
ANNEX C.II. EUT OPERATING CONKITIONS	114
ANNEX D. USER MANUAL / BLOCK DIAGRAM / SCHEMATICS / PARTLIST	115
ANNEX E. DECLARATION OF SIMILARITY.....	116

1. Report Revision History

Report No.	Report Version	Description	Issue Date
17071364-FCC-R5	NONE	Original	January 2, 2018

2. Customer information

Applicant Name	INFINIX MOBILITY LIMITED
Applicant Add	ROOMS 05-15, 13A/F., SOUTH TOWER, WORLD FINANCE CENTRE, HARBOUR CITY, 17 CANTON ROAD, TSIM SHA TSUI, KOWLOON, HONG KONG
Manufacturer	SHENZHEN TECNO TECHNOLOGY CO.,LTD.
Manufacturer Add	1-4th Floor,3rd Building,Pacific Industrial Park,No.2088,Shenyan Road,Yantian District,Shenzhen,Guangdong,China

3. Test site information

Test Lab A:

Lab performing tests	SIEMIC (Shenzhen-China) LABORATORIES
Lab Address	Zone A, Floor 1, Building 2 Wan Ye Long Technology Park South Side of Zhoushi Road, Bao' an District, Shenzhen, Guangdong China 518108
FCC Test Site No.	535293
IC Test Site No.	4842E-1
Test Software	Radiated Emission Program-To Shenzhen v2.0

Test Lab B:

Lab performing tests	SIEMIC (Nanjing-China) Laboratories
Lab Address	2-1 Longcang Avenue Yuhua Economic and Technology Development Park, Nanjing, China
FCC Test Site No.	694825
IC Test Site No.	4842B-1
Test Software	EZ_EMG(ver.lcp-03A1)

Note: We just perform Radiated Spurious Emission above 18GHz in the test Lab. B.

4. Equipment under Test (EUT) Information

Description of EUT:	Mobile phone
Main Model:	X573
Serial Model:	N/A
Date EUT received:	December 05, 2017
Test Date(s):	December 06, 2017 to January 1, 2018
Equipment Category :	PCE
Antenna Gain:	GSM850: -0.7dBi PCS1900: 1.4dBi UMTS-FDD Band V: -0.7dBi UMTS-FDD Band IV: 1.4dBi UMTS-FDD Band II: 1.4dBi LTE Band II: 1.4dBi LTE Band IV: 1.7dBi LTE Band VII: 1.7dBi Bluetooth/BLE: 1.7dBi WIFI: 1.7dBi GPS: 1.7dBi
Antenna Type:	PIFA Antenna
Type of Modulation:	GSM / GPRS: GMSK EGPRS: GMSK,8PSK UMTS-FDD: QPSK LTE Band: QPSK, 16QAM 802.11b/g/n: DSSS, OFDM Bluetooth: GFSK, π /4DQPSK, 8DPSK BLE: GFSK GPS: BPSK
RF Operating Frequency (ies):	GSM850 TX: 824.2 ~ 848.8 MHz; RX: 869.2 ~ 893.8 MHz PCS1900 TX: 1850.2 ~ 1909.8 MHz; RX: 1930.2 ~ 1989.8 MHz UMTS-FDD Band V TX: 826.4 ~ 846.6 MHz; RX: 871.4 ~ 891.6 MHz

UMTS-FDD Band IV TX:1712.4 ~ 1752.6 MHz;
RX : 2112.4 ~ 2152.6 MHz

UMTS-FDD Band II TX:1852.4 ~ 1907.6 MHz;
RX: 1932.4 ~ 1987.6 MHz

LTE Band II TX: 1850.7 ~ 1909.3MHz; RX : 1930.7 ~ 1989.3 MHz

LTE Band IV TX: 1710.7 ~ 1754.3 MHz; RX : 2110.7~ 2154.3 MHz

LTE Band VII TX: 2502.5 ~ 2567.5 MHz; RX : 2622.5 ~ 2687.5 MHz

WIFI: 802.11b/g/n(20M): 2412-2462 MHz

WIFI: 802.11n(40M): 2422-2452 MHz

Bluetooth& BLE: 2402-2480 MHz

GPS: 1575.42 MHz

Maximum Conducted
AV Power to Antenna:

LTE Band II: 23.95 dBm
LTE Band IV: 23.10 dBm
LTE Band VII: 22.89 dBm

ERP/EIRP:

LTE Band II: 21.03 dBm / EIRP
LTE Band IV: 20.65 dBm / EIRP
LTE Band VII: 20.39 dBm / EIRP

Port:

USB Port, Earphone Port

Input Power:

Adapter:
Model: A88-502000
Input: AC100-240V~50/60Hz,0.35A
Output: DC 5V, 2.0A
Battery:
Model: BL-39GX
Spec: 3.85V, 3900mAh/4000mAh, 15.02Wh/15.4Wh
Voltage: 4.4V

Trade Name :

Infinix

GPRS/EGPRS Multi-slot class

8/10/11/12

FCC ID:

2AIZN-X573

5. Test Summary

The product was tested in accordance with the following specifications.

All testing has been performed according to below product classification:

FCC Rules	Description of Test	Result
§ 1.1307; § 2.1093	RF Exposure (SAR)	Compliance
§2.1046; § 22.913(a); § 24.232(c); § 27.50(c.10); § 27.50(d.4)	RF Output Power	Compliance
§ 24.232 (d); § 27.50(d)	Peak-Average Ratio	Compliance
§ 2.1049; § 22.905; § 22.917; § 24.238; § 27.53(a.5)	99% & -26 dB Occupied Bandwidth	Compliance
§ 2.1051; § 22.917(a); § 24.238(a); § 27.53(h)	Spurious Emissions at Antenna Terminal	Compliance
§ 2.1053; § 22.917(a); § 24.238(a); § 27.53(h)	Field Strength of Spurious Radiation	Compliance
§ 22.917(a); § 24.238(a);	Out of band emission, Band Edge	Compliance
§ 27.53(m)	Band Edge 27.53(m)	Compliance
§ 2.1055; § 22.355; § 24.235; § 27.5(h); § 27.54	Frequency stability vs. temperature Frequency stability vs. voltage	Compliance

Note: Testing was performed by configuring EUT to maximum output power status, the declared output power class for different

Measurement Uncertainty

Emissions		
Test Item	Description	Uncertainty
Band Edge and Radiated Spurious Emissions	Confidence level of approximately 95% (in the case where distributions are normal), with a coverage factor of 2 (for EUTs < 0.5m X 0.5m X 0.5m)	+5.6dB/-4.5dB
-	-	-

6. MEASUREMENTS, EXAMINATION AND DERIVED RESULTS

6.1 RF Exposure (SAR)

Test Result: Pass

The EUT is a portable device, thus requires SAR evaluation;

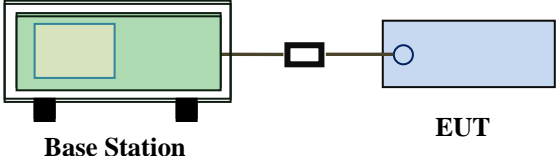
Please refer to RF Exposure Evaluation Report: 17071364-FCC-H.

6.2 RF Output Power

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

Requirement(s):

Spec	Item	Requirement	Applicable
§22.913 (a)	a)	ERP:38.45dBm	<input checked="" type="checkbox"/>
§24.232 (c)	b)	EIRP:33dBm	<input checked="" type="checkbox"/>
§27.50 (c)	c)	EIRP: 30dBm	<input checked="" type="checkbox"/>

Test Setup	 <p style="text-align: center;">Base Station EUT</p>
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Test Procedure	<p>For Conducted Power:</p> <ul style="list-style-type: none"> - The transmitter output port was connected to base station. - Set EUT at maximum power through base station. - Select lowest, middle, and highest channels for each band and different test mode. <p>For ERP/EIRP:</p> <ul style="list-style-type: none"> - The transmitter was placed on a wooden turntable, and it was transmitting into a non-radiating load which was also placed on the turntable. - 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. - The frequency range up to tenth harmonic of the fundamental frequency was investigated.
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	<ul style="list-style-type: none"> - 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. - Spurious emissions in dB = 10 log (TX power in Watts/0.001) – the absolute level - Spurious attenuation limit in dB = 43 + 10 Log10 (power out in Watts).
Remark	
Result	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail

Test Data Yes N/A
 Test Plot Yes (See below) N/A

Conducted Power

LTE Band II:

BW (MHz)	Ch	Freq. (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)	Tune up Power tolerant
20MHz	18700	1860.0	QPSK	1	0	0	23.77	23.2±1
				1	49	0	23.7	23.2±1
				1	99	0	23.69	23.2±1
				50	0	1	22.63	23.2±1
				50	24	1	22.54	23.2±1
				50	49	1	22.71	23.2±1
			100	0	1	22.52	23.2±1	
			16QAM	1	0	1	22.32	21.9±1
				1	49	1	22.27	21.9±1
				1	99	1	22.28	21.9±1
				50	0	2	22.23	21.9±1
				50	24	2	22.37	21.9±1
	50	49		2	22.26	21.9±1		
	18900	1880.0	QPSK	1	0	0	23.11	22.7±1
				1	49	0	23.11	22.7±1
				1	99	0	23.11	22.7±1
				50	0	1	22.42	22.7±1
				50	24	1	22.52	22.7±1
				50	49	1	22.35	22.7±1
			100	0	1	22.26	22.7±1	
			16QAM	1	0	1	22.27	21.8±1
				1	49	1	22.22	21.8±1
				1	99	1	22.3	21.8±1
				50	0	2	22.19	21.8±1
50				24	2	22.3	21.8±1	
50	49	2		22.37	21.8±1			
19100	1900.0	QPSK	1	0	0	23.26	22.7±1	
			1	49	0	23.2	22.7±1	
			1	99	0	23.22	22.7±1	
			50	0	1	22.1	22.7±1	
			50	24	1	22.06	22.7±1	
			50	49	1	22.08	22.7±1	
		100	0	1	22.04	22.7±1		
		16QAM	1	0	1	22.45	21.9±1	
			1	49	1	22.5	21.9±1	
			1	99	1	22.52	21.9±1	
			50	0	2	22.37	21.9±1	
			50	24	2	22.41	21.9±1	
50	49		2	22.35	21.9±1			
100	0	2	21.19	21.9±1				

BW (MHz)	Ch	Freq. (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)	Tune up Power tolerant
15MHz	18675	1857.5	QPSK	1	0	0	23.6	23.1±1
				1	37	0	23.65	23.1±1
				1	74	0	23.68	23.1±1
				36	0	1	22.67	23.1±1
				36	16	1	22.77	23.1±1
				36	35	1	22.66	23.1±1
				75	0	1	22.61	23.1±1
			16QAM	1	0	1	22.85	22.3±1
				1	37	1	22.82	22.3±1
				1	74	1	22.77	22.3±1
				36	0	2	22.83	22.3±1
				36	16	2	22.87	22.3±1
				36	35	2	22.86	22.3±1
				75	0	2	21.6	22.3±1
	18900	1880.0	QPSK	1	0	0	23.08	22.7±1
				1	37	0	23.15	22.7±1
				1	74	0	23.08	22.7±1
				36	0	1	22.31	22.7±1
				36	16	1	22.33	22.7±1
				36	35	1	22.39	22.7±1
				75	0	1	22.25	22.7±1
			16QAM	1	0	1	22.55	22±1
				1	37	1	22.51	22±1
				1	74	1	22.64	22±1
				36	0	2	22.53	22±1
				36	16	2	22.54	22±1
				36	35	2	22.6	22±1
				75	0	2	21.42	22±1
	19125	1902.5	QPSK	1	0	0	22.88	22.4±1
				1	37	0	22.79	22.4±1
1				74	0	22.82	22.4±1	
36				0	1	21.95	22.4±1	
36				16	1	21.91	22.4±1	
36				35	1	21.85	22.4±1	
75				0	1	21.98	22.4±1	
16QAM			1	0	1	21.76	21.5±1	
			1	37	1	21.68	21.5±1	
			1	74	1	21.83	21.5±1	
			36	0	2	21.83	21.5±1	
			36	16	2	21.68	21.5±1	
			36	35	2	21.66	21.5±1	
			75	0	2	21.1	21.5±1	

BW (MHz)	Ch	Freq. (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)	Tune up Power tolerant
10MHz	18650	1855	QPSK	1	0	0	23.83	23.2±1
				1	24	0	23.87	23.2±1
				1	49	0	23.74	23.2±1
				25	0	1	22.62	23.2±1
				25	12	1	22.65	23.2±1
				25	24	1	22.68	23.2±1
				50	0	1	22.63	23.2±1
			16QAM	1	0	1	22.29	22±1
				1	24	1	22.27	22±1
				1	49	1	22.35	22±1
				25	0	2	22.38	22±1
				25	12	2	22.22	22±1
				25	24	2	22.2	22±1
				50	0	2	21.63	22±1
	18900	1880.0	QPSK	1	0	0	23.27	22.8±1
				1	24	0	23.21	22.8±1
				1	49	0	23.19	22.8±1
				25	0	1	22.38	22.8±1
				25	12	1	22.45	22.8±1
				25	24	1	22.46	22.8±1
				50	0	1	22.39	22.8±1
			16QAM	1	0	1	22.42	21.9±1
				1	24	1	22.44	21.9±1
				1	49	1	22.43	21.9±1
				25	0	2	22.44	21.9±1
				25	12	2	22.51	21.9±1
				25	24	2	22.44	21.9±1
				50	0	2	21.35	21.9±1
	19150	1905	QPSK	1	0	0	23.21	22.7±1
				1	24	0	23.29	22.7±1
1				49	0	23.23	22.7±1	
25				0	1	22.06	22.7±1	
25				12	1	21.97	22.7±1	
25				24	1	21.96	22.7±1	
50				0	1	22.03	22.7±1	
16QAM			1	0	1	21.92	21.5±1	
			1	24	1	22.01	21.5±1	
			1	49	1	21.83	21.5±1	
			25	0	2	21.9	21.5±1	
			25	12	2	21.93	21.5±1	
			25	24	2	21.94	21.5±1	
			50	0	2	21.04	21.5±1	

BW (MHz)	Ch	Freq. (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)	Tune up Power tolerant
5MHz	18625	1852.5	QPSK	1	0	0	23.82	23.2±1
				1	12	0	23.86	23.2±1
				1	24	0	23.8	23.2±1
				12	0	1	22.65	23.2±1
				12	6	1	22.69	23.2±1
				12	11	1	22.63	23.2±1
				25	0	1	22.7	23.2±1
			16QAM	1	0	1	22.5	22±1
				1	12	1	22.6	22±1
				1	24	1	22.5	22±1
				12	0	2	22.42	22±1
				12	6	2	22.53	22±1
				12	11	2	22.48	22±1
				25	0	2	21.47	22±1
	18900	1880.0	QPSK	1	0	0	23.21	22.8±1
				1	12	0	23.16	22.8±1
				1	24	0	23.15	22.8±1
				12	0	1	22.23	22.8±1
				12	6	1	22.13	22.8±1
				12	11	1	22.18	22.8±1
				25	0	1	22.24	22.8±1
			16QAM	1	0	1	22.5	22±1
				1	12	1	22.59	22±1
				1	24	1	22.59	22±1
				12	0	2	22.6	22±1
				12	6	2	22.47	22±1
				12	11	2	22.57	22±1
				25	0	2	21.39	22±1
19175	1907.5	QPSK	1	0	0	22.91	22.4±1	
			1	12	0	22.88	22.4±1	
			1	24	0	22.82	22.4±1	
			12	0	1	21.91	22.4±1	
			12	6	1	21.94	22.4±1	
			12	11	1	21.87	22.4±1	
			25	0	1	21.97	22.4±1	
		16QAM	1	0	1	21.9	21.5±1	
			1	12	1	21.87	21.5±1	
			1	24	1	21.85	21.5±1	
			12	0	2	21.84	21.5±1	
			12	6	2	21.81	21.5±1	
			12	11	2	21.81	21.5±1	
			25	0	2	20.99	21.5±1	

BW (MHz)	Ch	Freq. (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)	Tune up Power tolerant
3MHz	18625	1852.5	QPSK	1	0	0	23.56	23.1±1
				1	7	0	23.48	23.1±1
				1	14	0	23.56	23.1±1
				8	0	1	22.65	23.1±1
				8	4	1	22.68	23.1±1
				8	7	1	22.65	23.1±1
				15	0	1	22.56	23.1±1
			16QAM	1	0	1	22.92	22.2±1
				1	7	1	22.99	22.2±1
				1	14	1	22.86	22.2±1
				8	0	2	22.82	22.2±1
				8	4	2	22.88	22.2±1
				8	7	2	22.97	22.2±1
				15	0	2	21.37	22.2±1
	18900	1880.0	QPSK	1	0	0	22.98	22.7±1
				1	7	0	22.92	22.7±1
				1	14	0	23.01	22.7±1
				8	0	1	22.31	22.7±1
				8	4	1	22.22	22.7±1
				8	7	1	22.3	22.7±1
				15	0	1	22.28	22.7±1
			16QAM	1	0	1	21.75	21.7±1
				1	7	1	21.75	21.7±1
				1	14	1	21.68	21.7±1
				8	0	2	21.69	21.7±1
				8	4	2	21.7	21.7±1
				8	7	2	21.82	21.7±1
				15	0	2	21.48	21.7±1
	19175	1907.5	QPSK	1	0	0	22.95	22.5±1
				1	7	0	22.89	22.5±1
1				14	0	22.9	22.5±1	
8				0	1	22.02	22.5±1	
8				4	1	21.94	22.5±1	
8				7	1	22.07	22.5±1	
15				0	1	21.95	22.5±1	
16QAM			1	0	1	21.19	21.3±1	
			1	7	1	21.12	21.3±1	
			1	14	1	21.18	21.3±1	
			8	0	2	21.11	21.3±1	
			8	4	2	21.25	21.3±1	
			8	7	2	21.29	21.3±1	
			15	0	2	21.08	21.3±1	

BW (MHz)	Ch	Freq. (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)	Tune up Power tolerant
1.4MHz	18607	1850.7	QPSK	1	0	0	23.14	23.2±1
				1	2	0	23.1	22±1
				1	5	0	23.22	22±1
				3	0	0	23.87	22±1
				3	1	0	23.8	22±1
				3	2	0	23.95	22±1
			6	0	1	22.5	22±1	
			16QAM	1	0	1	22.68	22±1
				1	2	1	22.71	22±1
				1	5	1	22.75	22±1
				3	0	1	22.73	22±1
				3	1	1	22.68	22±1
	3	2		1	22.72	22±1		
	6	0	2	21.3	22±1			
	18900	1880.0	QPSK	1	0	0	23.19	22.7±1
				1	2	0	23.16	22.7±1
				1	5	0	23.23	22.7±1
				3	0	0	23.25	22.7±1
				3	1	0	23.29	22.7±1
				3	2	0	23.28	22.7±1
			6	0	1	22.21	22.7±1	
			16QAM	1	0	1	22.03	21.7±1
				1	2	1	22.01	21.7±1
				1	5	1	21.97	21.7±1
				3	0	1	21.94	21.7±1
				3	1	1	22.02	21.7±1
	3	2		1	22.11	21.7±1		
	6	0	2	21.31	21.7±1			
	19193	1909.3	QPSK	1	0	0	22.84	22.5±1
				1	2	0	22.91	22.5±1
1				5	0	22.82	22.5±1	
3				0	0	22.93	22.5±1	
3				1	0	22.87	22.5±1	
3				2	0	22.85	22.5±1	
6			0	1	21.9	22.5±1		
16QAM			1	0	1	21.9	21.4±1	
			1	2	1	21.84	21.4±1	
			1	5	1	21.84	21.4±1	
			3	0	1	21.93	21.4±1	
			3	1	1	21.86	21.4±1	
	3	2	1	21.82	21.4±1			
6	0	2	20.97	21.4±1				

LTE Band IV:

BW (MHz)	Ch	Freq. (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)	Tune up Power tolerant
20MHz	20050	1720.0	QPSK	1	0	0	23.08	22.4±1
				1	49	0	23.1	22.4±1
				1	99	0	23.05	22.4±1
				50	0	1	21.76	22.4±1
				50	24	1	21.82	22.4±1
				50	49	1	21.71	22.4±1
				100	0	1	21.73	22.4±1
			16QAM	1	0	1	21.43	21.2±1
				1	49	1	21.52	21.2±1
				1	99	1	21.33	21.2±1
				50	0	2	21.34	21.2±1
				50	24	2	21.37	21.2±1
				50	49	2	21.34	21.2±1
				100	0	2	20.78	21.2±1
	20175	1732.5	QPSK	1	0	0	22.7	22.2±1
				1	49	0	22.6	22.2±1
				1	99	0	22.64	22.2±1
				50	0	1	21.64	22.2±1
				50	24	1	21.66	22.2±1
				50	49	1	21.68	22.2±1
				100	0	1	21.53	22.2±1
			16QAM	1	0	1	22.38	21.6±1
				1	49	1	22.4	21.6±1
				1	99	1	22.37	21.6±1
				50	0	2	22.37	21.6±1
				50	24	2	22.3	21.6±1
				50	49	2	22.47	21.6±1
				100	0	2	20.66	21.6±1
	20300	1745.0	QPSK	1	0	0	22.73	22.3±1
				1	49	0	22.8	22.3±1
1				99	0	22.82	22.3±1	
50				0	1	21.83	22.3±1	
50				24	1	21.89	22.3±1	
50				49	1	21.88	22.3±1	
100				0	1	21.78	22.3±1	
16QAM			1	0	1	22.19	21.6±1	
			1	49	1	22.24	21.6±1	
			1	99	1	22.23	21.6±1	
			50	0	2	22.09	21.6±1	
			50	24	2	22.2	21.6±1	
			50	49	2	22.28	21.6±1	
			100	0	2	20.89	21.6±1	

BW (MHz)	Ch	Freq. (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)	Tune up Power tolerant
15MHz	20025	1717.5	QPSK	1	0	0	22.66	22.1±1
				1	37	0	22.62	22.1±1
				1	74	0	22.76	22.1±1
				36	0	1	21.55	22.1±1
				36	16	1	21.5	22.1±1
				36	35	1	21.58	22.1±1
				75	0	1	21.56	22.1±1
			16QAM	1	0	1	22.32	21.5±1
				1	37	1	22.29	21.5±1
				1	74	1	22.23	21.5±1
				36	0	2	22.36	21.5±1
				36	16	2	22.3	21.5±1
				36	35	2	22.36	21.5±1
				75	0	2	20.7	21.5±1
	20175	1732.5	QPSK	1	0	0	22.43	22.1±1
				1	37	0	22.49	22.1±1
				1	74	0	22.35	22.1±1
				36	0	1	21.75	22.1±1
				36	16	1	21.69	22.1±1
				36	35	1	21.73	22.1±1
				75	0	1	21.61	22.1±1
			16QAM	1	0	1	21.92	21.3±1
				1	37	1	21.83	21.3±1
				1	74	1	21.89	21.3±1
				36	0	2	22.01	21.3±1
				36	16	2	21.85	21.3±1
				36	35	2	21.88	21.3±1
				75	0	2	20.71	21.3±1
20325	1747.5	QPSK	1	0	0	22.65	22.1±1	
			1	37	0	22.55	22.1±1	
			1	74	0	22.59	22.1±1	
			36	0	1	21.61	22.1±1	
			36	16	1	21.7	22.1±1	
			36	35	1	21.54	22.1±1	
			75	0	1	21.66	22.1±1	
		16QAM	1	0	1	21.71	21.3±1	
			1	37	1	21.75	21.3±1	
			1	74	1	21.67	21.3±1	
			36	0	2	21.81	21.3±1	
			36	16	2	21.72	21.3±1	
			36	35	2	21.77	21.3±1	
			75	0	2	20.7	21.3±1	

BW (MHz)	Ch	Freq. (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)	Tune up Power tolerant
10MHz	20000	1715.0	QPSK	1	0	0	22.68	22.2±1
				1	24	0	22.74	22.2±1
				1	49	0	22.76	22.2±1
				25	0	1	21.64	22.2±1
				25	12	1	21.61	22.2±1
				25	24	1	21.73	22.2±1
				50	0	1	21.61	22.2±1
			16QAM	1	0	1	21.66	21.3±1
				1	24	1	21.58	21.3±1
				1	49	1	21.64	21.3±1
				25	0	2	21.6	21.3±1
				25	12	2	21.71	21.3±1
				25	24	2	21.56	21.3±1
				50	0	2	20.63	21.3±1
	20175	1732.5	QPSK	1	0	0	22.48	22±1
				1	24	0	22.55	22±1
				1	49	0	22.57	22±1
				25	0	1	21.51	22±1
				25	12	1	21.5	22±1
				25	24	1	21.53	22±1
				50	0	1	21.53	22±1
			16QAM	1	0	1	21.07	21.3±1
				1	24	1	21.1	21.3±1
				1	49	1	21.07	21.3±1
				25	0	2	21.05	21.3±1
				25	12	2	20.98	21.3±1
				25	24	2	21.11	21.3±1
50				0	2	20.59	21.3±1	
20350	1750.0	QPSK	1	0	0	22.73	22.2±1	
			1	24	0	22.77	22.2±1	
			1	49	0	22.77	22.2±1	
			25	0	1	21.76	22.2±1	
			25	12	1	21.76	22.2±1	
			25	24	1	21.7	22.2±1	
			50	0	1	21.62	22.2±1	
		16QAM	1	0	1	21.71	21.3±1	
			1	24	1	21.75	21.3±1	
			1	49	1	21.77	21.3±1	
			25	0	2	21.79	21.3±1	
			25	12	2	21.76	21.3±1	
			25	24	2	21.61	21.3±1	
			50	0	2	20.7	21.3±1	

BW (MHz)	Ch	Freq. (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)	Tune up Power tolerant
5MHz	20000	1715.0	QPSK	1	0	0	22.39	21.9±1
				1	12	0	22.44	21.9±1
				1	24	0	22.44	21.9±1
				12	0	1	21.49	21.9±1
				12	6	1	21.52	21.9±1
				12	11	1	21.4	21.9±1
				25	0	1	21.58	21.9±1
			16QAM	1	0	1	20.02	21.3±1
				1	12	1	19.98	21.3±1
				1	24	1	20.04	21.3±1
				12	0	2	20.01	21.3±1
				12	6	2	20.08	21.3±1
				12	11	2	20.04	21.3±1
				25	0	2	20.46	21.3±1
	20175	1732.5	QPSK	1	0	0	22.56	22±1
				1	12	0	22.56	22±1
				1	24	0	22.5	22±1
				12	0	1	21.5	22±1
				12	6	1	21.43	22±1
				12	11	1	21.5	22±1
				25	0	1	21.47	22±1
			16QAM	1	0	1	21.07	21.3±1
				1	12	1	21.06	21.3±1
				1	24	1	20.98	21.3±1
				12	0	2	20.98	21.3±1
				12	6	2	21.11	21.3±1
				12	11	2	21.05	21.3±1
25				0	2	20.64	21.3±1	
20350	1750.0	QPSK	1	0	0	22.49	22.1±1	
			1	12	0	22.48	22.1±1	
			1	24	0	22.48	22.1±1	
			12	0	1	21.55	22.1±1	
			12	6	1	21.58	22.1±1	
			12	11	1	21.53	22.1±1	
			25	0	1	21.62	22.1±1	
		16QAM	1	0	1	21.28	21.3±1	
			1	12	1	21.35	21.3±1	
			1	24	1	21.32	21.3±1	
			12	0	2	21.33	21.3±1	
			12	6	2	21.25	21.3±1	
			12	11	2	21.36	21.3±1	
			25	0	2	20.63	21.3±1	

BW (MHz)	Ch	Freq. (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)	Tune up Power tolerant
3MHz	19965	1711.5	QPSK	1	0	0	22.55	22±1
				1	7	0	22.48	22±1
				1	14	0	22.5	22±1
				8	0	1	21.5	22±1
				8	4	1	21.49	22±1
				8	7	1	21.55	22±1
			15	0	1	21.45	22±1	
			16QAM	1	0	1	21.5	21.3±1
				1	7	1	21.56	21.3±1
				1	14	1	21.54	21.3±1
				8	0	2	21.46	21.3±1
				8	4	2	21.45	21.3±1
				8	7	2	21.46	21.3±1
			15	0	2	20.55	21.3±1	
			20175	1732.5	QPSK	1	0	0
	1	7				0	22.5	22.1±1
	1	14				0	22.57	22.1±1
	8	0				1	21.57	22.1±1
	8	4				1	21.52	22.1±1
	8	7				1	21.51	22.1±1
	15	0			1	21.56	22.1±1	
	16QAM	1			0	1	21.78	21.3±1
		1			7	1	21.83	21.3±1
		1			14	1	21.79	21.3±1
		8			0	2	21.75	21.3±1
		8			4	2	21.86	21.3±1
		8			7	2	21.71	21.3±1
	15	0			2	20.66	21.3±1	
	20385	1753.5			QPSK	1	0	0
			1	7		0	22.24	21.8±1
1			14	0		22.17	21.8±1	
8			0	1		21.38	21.8±1	
8			4	1		21.28	21.8±1	
8			7	1		21.34	21.8±1	
15			0	1	21.51	21.8±1		
16QAM			1	0	1	20.8	21.3±1	
			1	7	1	20.76	21.3±1	
			1	14	1	20.78	21.3±1	
			8	0	2	20.83	21.3±1	
			8	4	2	20.9	21.3±1	
			8	7	2	20.79	21.3±1	
15			0	2	20.53	21.3±1		

BW (MHz)	Ch	Freq. (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)	Tune up Power tolerant
1.4MHz	19957	1710.7	QPSK	1	0	0	22.55	22.2±1
				1	2	0	22.63	22.2±1
				1	5	0	22.55	22.2±1
				3	0	0	22.82	22.2±1
				3	1	0	22.91	22.2±1
				3	2	0	22.85	22.2±1
			6	0	1	21.55	22.2±1	
			16QAM	1	0	1	21.59	21.3±1
				1	2	1	21.65	21.3±1
				1	5	1	21.57	21.3±1
				3	0	1	21.5	21.3±1
				3	1	1	21.58	21.3±1
	3	2		1	21.53	21.3±1		
	6	0	2	20.65	21.3±1			
	20175	1732.5	QPSK	1	0	0	22.53	22.1±1
				1	2	0	22.46	22.1±1
				1	5	0	22.43	22.1±1
				3	0	0	22.54	22.1±1
				3	1	0	22.46	22.1±1
				3	2	0	22.46	22.1±1
			6	0	1	21.61	22.1±1	
			16QAM	1	0	1	21.48	21.3±1
				1	2	1	21.53	21.3±1
				1	5	1	21.51	21.3±1
				3	0	1	21.54	21.3±1
				3	1	1	21.58	21.3±1
	3	2		1	21.57	21.3±1		
	6	0	2	20.57	21.3±1			
	20393	1754.3	QPSK	1	0	0	22.82	22.3±1
				1	2	0	22.91	22.3±1
1				5	0	22.78	22.3±1	
3				0	0	22.57	22.3±1	
3				1	0	22.53	22.3±1	
3				2	0	22.67	22.3±1	
6			0	1	21.71	22.3±1		
16QAM			1	0	1	21.53	21.3±1	
			1	2	1	21.61	21.3±1	
			1	5	1	21.46	21.3±1	
			3	0	1	21.43	21.3±1	
			3	1	1	21.48	21.3±1	
	3	2	1	21.57	21.3±1			
6	0	2	20.5	21.3±1				

LTE Band VII:

BW (MHz)	Ch	Freq. (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)	Tune up Power tolerant
20MHz	20850	2510	QPSK	1	0	0	22.77	22.3±1
				1	49	0	22.85	22.3±1
				1	99	0	22.7	22.3±1
				50	0	1	21.84	22.3±1
				50	24	1	21.8	22.3±1
				50	49	1	21.75	22.3±1
				100	0	1	21.86	22.3±1
			16QAM	1	0	1	21.52	21.3±1
				1	49	1	21.55	21.3±1
				1	99	1	21.52	21.3±1
				50	0	2	21.47	21.3±1
				50	24	2	21.47	21.3±1
				50	49	2	21.51	21.3±1
				100	0	2	20.77	21.3±1
	21100	2535	QPSK	1	0	0	22.37	22±1
				1	49	0	22.43	22±1
				1	99	0	22.46	22±1
				50	0	1	21.59	22±1
				50	24	1	21.67	22±1
				50	49	1	21.58	22±1
				100	0	1	21.63	22±1
			16QAM	1	0	1	21.86	21.3±1
				1	49	1	21.96	21.3±1
				1	99	1	21.9	21.3±1
				50	0	2	21.76	21.3±1
				50	24	2	21.96	21.3±1
				50	49	2	21.77	21.3±1
				100	0	2	20.6	21.3±1
	21350	2560	QPSK	1	0	0	22.78	22.2±1
				1	49	0	22.75	22.2±1
1				99	0	22.75	22.2±1	
50				0	1	21.87	22.2±1	
50				24	1	21.91	22.2±1	
50				49	1	21.91	22.2±1	
100				0	1	21.62	22.2±1	
16QAM			1	0	1	22.19	21.4±1	
			1	49	1	22.16	21.4±1	
			1	99	1	22.11	21.4±1	
			50	0	2	22.25	21.4±1	
			50	24	2	22.12	21.4±1	
			50	49	2	22.16	21.4±1	
			100	0	2	20.65	21.4±1	

BW (MHz)	Ch	Freq. (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)	Tune up Power tolerant
15MHz	20825	1717.5	QPSK	1	0	0	22.81	22.3±1
				1	37	0	22.71	22.3±1
				1	74	0	22.88	22.3±1
				36	0	1	21.89	22.3±1
				36	16	1	21.94	22.3±1
				36	35	1	21.99	22.3±1
				75	0	1	21.85	22.3±1
			16QAM	1	0	1	21.92	21.3±1
				1	37	1	21.96	21.3±1
				1	74	1	21.83	21.3±1
				36	0	2	21.82	21.3±1
				36	16	2	21.82	21.3±1
				36	35	2	21.85	21.3±1
				75	0	2	20.69	21.3±1
	21100	1732.5	QPSK	1	0	0	22.48	22.1±1
				1	37	0	22.43	22.1±1
				1	74	0	22.58	22.1±1
				36	0	1	21.74	22.1±1
				36	16	1	21.79	22.1±1
				36	35	1	21.64	22.1±1
				75	0	1	21.72	22.1±1
			16QAM	1	0	1	21.9	21.3±1
				1	37	1	21.97	21.3±1
				1	74	1	21.96	21.3±1
				36	0	2	21.81	21.3±1
				36	16	2	21.85	21.3±1
				36	35	2	21.92	21.3±1
				75	0	2	20.63	21.3±1
21375	1747.5	QPSK	1	0	0	22.53	22.1±1	
			1	37	0	22.55	22.1±1	
			1	74	0	22.45	22.1±1	
			36	0	1	21.8	22.1±1	
			36	16	1	21.73	22.1±1	
			36	35	1	21.82	22.1±1	
			75	0	1	21.68	22.1±1	
		16QAM	1	0	1	21.72	21.3±1	
			1	37	1	21.72	21.3±1	
			1	74	1	21.64	21.3±1	
			36	0	2	21.81	21.3±1	
			36	16	2	21.65	21.3±1	
			36	35	2	21.71	21.3±1	
			75	0	2	20.61	21.3±1	

BW (MHz)	Ch	Freq. (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)	Tune up Power tolerant
10MHz	20800	2502	QPSK	1	0	0	22.89	22.3±1
				1	24	0	22.83	22.3±1
				1	49	0	22.85	22.3±1
				25	0	1	21.8	22.3±1
				25	12	1	21.77	22.3±1
				25	24	1	21.76	22.3±1
				50	0	1	21.75	22.3±1
			16QAM	1	0	1	21.05	21.3±1
				1	24	1	20.99	21.3±1
				1	49	1	21.15	21.3±1
				25	0	2	21.12	21.3±1
				25	12	2	21.11	21.3±1
				25	24	2	21.04	21.3±1
				50	0	2	20.76	21.3±1
	21100	2535	QPSK	1	0	0	22.58	22.2±1
				1	24	0	22.53	22.2±1
				1	49	0	22.67	22.2±1
				25	0	1	21.81	22.2±1
				25	12	1	21.72	22.2±1
				25	24	1	21.74	22.2±1
				50	0	1	21.74	22.2±1
			16QAM	1	0	1	21.82	21.2±1
				1	24	1	21.87	21.2±1
				1	49	1	21.77	21.2±1
				25	0	2	21.9	21.2±1
				25	12	2	21.75	21.2±1
				25	24	2	21.75	21.2±1
				50	0	2	20.58	21.2±1
	21400	2565	QPSK	1	0	0	22.76	22.3±1
				1	24	0	22.84	22.3±1
1				49	0	22.84	22.3±1	
25				0	1	21.75	22.3±1	
25				12	1	21.85	22.3±1	
25				24	1	21.69	22.3±1	
50				0	1	21.8	22.3±1	
16QAM			1	0	1	21.28	21.3±1	
			1	24	1	21.29	21.3±1	
			1	49	1	21.18	21.3±1	
			25	0	2	21.2	21.3±1	
			25	12	2	21.2	21.3±1	
			25	24	2	21.38	21.3±1	
			50	0	2	20.67	21.3±1	

BW (MHz)	Ch	Freq. (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)	Tune up Power tolerant
5MHz	19975	1712.5	QPSK	1	0	0	22.66	22.2±1
				1	12	0	22.7	22.2±1
				1	24	0	22.62	22.2±1
				12	0	1	21.79	22.2±1
				12	6	1	21.72	22.2±1
				12	11	1	21.87	22.2±1
				25	0	1	21.85	22.2±1
			16QAM	1	0	1	22.29	21.5±1
				1	12	1	22.37	21.5±1
				1	24	1	22.29	21.5±1
				12	0	2	22.33	21.5±1
				12	6	2	22.24	21.5±1
				12	11	2	22.22	21.5±1
				25	0	2	20.71	21.5±1
	20175	1732.5	QPSK	1	0	0	22.63	22.1±1
				1	12	0	22.53	22.1±1
				1	24	0	22.72	22.1±1
				12	0	1	21.66	22.1±1
				12	6	1	21.71	22.1±1
				12	11	1	21.69	22.1±1
				25	0	1	21.62	22.1±1
			16QAM	1	0	1	21.16	21.3±1
				1	12	1	21.17	21.3±1
				1	24	1	21.07	21.3±1
				12	0	2	21.07	21.3±1
				12	6	2	21.22	21.3±1
				12	11	2	21.07	21.3±1
				25	0	2	20.73	21.3±1
	20375	1752.5	QPSK	1	0	0	22.53	22.2±1
				1	12	0	22.48	22.2±1
1				24	0	22.59	22.2±1	
12				0	1	21.88	22.2±1	
12				6	1	21.88	22.2±1	
12				11	1	21.79	22.2±1	
25				0	1	21.71	22.2±1	
16QAM			1	0	1	21.45	21.3±1	
			1	12	1	21.48	21.3±1	
			1	24	1	21.52	21.3±1	
			12	0	2	21.51	21.3±1	
			12	6	2	21.41	21.3±1	
			12	11	2	21.39	21.3±1	
			25	0	2	20.74	21.3±1	

ERP & EIRP

EIRP for LTE Band II (Part 24E)

Frequency (MHz)	BW (MHz)	Modulation	RB Size/Offset	Substituted level (dBm)	Antenna Polarization	Antenna Gain correction (dBi)	Cable Loss (dB)	Absolute Level (dBm)	Limit (dBm)
1850.7	1.4	QPSK	1/0	13.31	V	7.88	0.85	20.34	33.01
1880	1.4	QPSK	1/0	13.36	V	7.88	0.85	20.39	33.01
1909.3	1.4	QPSK	1/0	13.01	V	7.88	0.85	20.04	33.01
1850.7	1.4	QPSK	1/0	12.02	H	7.88	0.85	19.05	33.01
1880	1.4	QPSK	1/0	11.02	H	7.88	0.85	18.05	33.01
1909.3	1.4	QPSK	1/0	11.3	H	7.88	0.85	18.33	33.01
1850.7	1.4	16-QAM	1/0	12.85	V	7.88	0.85	19.88	33.01
1880	1.4	16-QAM	1/0	12.2	V	7.88	0.85	19.23	33.01
1909.3	1.4	16-QAM	1/0	12.07	V	7.88	0.85	19.1	33.01
1850.7	1.4	16-QAM	1/0	11.66	H	7.88	0.85	18.69	33.01
1880	1.4	16-QAM	1/0	10.42	H	7.88	0.85	17.45	33.01
1909.3	1.4	16-QAM	1/0	10.44	H	7.88	0.85	17.47	33.01
1851.5	3	QPSK	1/0	13.73	V	7.88	0.85	20.76	33.01
1880	3	QPSK	1/0	13.15	V	7.88	0.85	20.18	33.01
1908.5	3	QPSK	1/0	13.12	V	7.88	0.85	20.15	33.01
1851.5	3	QPSK	1/0	12.42	H	7.88	0.85	19.45	33.01
1880	3	QPSK	1/0	10.82	H	7.88	0.85	17.85	33.01
1908.5	3	QPSK	1/0	11.43	H	7.88	0.85	18.46	33.01
1851.5	3	16-QAM	1/0	13.09	V	7.88	0.85	20.12	33.01
1880	3	16-QAM	1/0	11.92	V	7.88	0.85	18.95	33.01
1908.5	3	16-QAM	1/0	11.36	V	7.88	0.85	18.39	33.01
1851.5	3	16-QAM	1/0	12.03	H	7.88	0.85	19.06	33.01
1880	3	16-QAM	1/0	9.9	H	7.88	0.85	16.93	33.01
1908.5	3	16-QAM	1/0	10.17	H	7.88	0.85	17.2	33.01
1852.5	5	QPSK	1/24	13.97	V	7.88	0.85	21	33.01
1880	5	QPSK	1/0	13.38	V	7.88	0.85	20.41	33.01
1907.5	5	QPSK	1/24	12.99	V	7.88	0.85	20.02	33.01
1852.5	5	QPSK	1/24	11.58	H	7.88	0.85	18.61	33.01
1880	5	QPSK	1/0	11.86	H	7.88	0.85	18.89	33.01

1907.5	5	QPSK	1/24	11.08	H	7.88	0.85	18.11	33.01
1852.5	5	16-QAM	1/24	12.67	V	7.88	0.85	19.7	33.01
1880	5	16-QAM	1/0	12.67	V	7.88	0.85	19.7	33.01
1907.5	5	16-QAM	1/24	12.02	V	7.88	0.85	19.05	33.01
1852.5	5	16-QAM	1/24	11.38	H	7.88	0.85	18.41	33.01
1880	5	16-QAM	1/0	11.52	H	7.88	0.85	18.55	33.01
1907.5	5	16-QAM	1/24	10.08	H	7.88	0.85	17.11	33.01
1855	10	QPSK	1/0	14	V	7.88	0.85	21.03	33.01
1880	10	QPSK	1/0	13.44	V	7.88	0.85	20.47	33.01
1905	10	QPSK	1/49	13.4	V	7.88	0.85	20.43	33.01
1855	10	QPSK	1/0	12.55	H	7.88	0.85	19.58	33.01
1880	10	QPSK	1/0	11.55	H	7.88	0.85	18.58	33.01
1905	10	QPSK	1/49	11.72	H	7.88	0.85	18.75	33.01
1855	10	16-QAM	1/0	12.46	V	7.88	0.85	19.49	33.01
1880	10	16-QAM	1/0	12.59	V	7.88	0.85	19.62	33.01
1905	10	16-QAM	1/49	12	V	7.88	0.85	19.03	33.01
1855	10	16-QAM	1/0	10.04	H	7.88	0.85	17.07	33.01
1880	10	16-QAM	1/0	10.39	H	7.88	0.85	17.42	33.01
1905	10	16-QAM	1/49	10.67	H	7.88	0.85	17.7	33.01
1857.5	15	QPSK	1/0	13.77	V	7.88	0.85	20.8	33.01
1880	15	QPSK	1/0	13.25	V	7.88	0.85	20.28	33.01
1902.5	15	QPSK	1/0	13.05	V	7.88	0.85	20.08	33.01
1857.5	15	QPSK	1/0	12.71	H	7.88	0.85	19.74	33.01
1880	15	QPSK	1/0	12.23	H	7.88	0.85	19.26	33.01
1902.5	15	QPSK	1/0	10.84	H	7.88	0.85	17.87	33.01
1857.5	15	16-QAM	1/0	13.02	V	7.88	0.85	20.05	33.01
1880	15	16-QAM	1/0	12.72	V	7.88	0.85	19.75	33.01
1902.5	15	16-QAM	1/0	11.93	V	7.88	0.85	18.96	33.01
1857.5	15	16-QAM	1/0	11.02	H	7.88	0.85	18.05	33.01
1880	15	16-QAM	1/0	11.65	H	7.88	0.85	18.68	33.01
1902.5	15	16-QAM	1/0	10.25	H	7.88	0.85	17.28	33.01
1860	20	QPSK	1/0	13.94	V	7.88	0.85	20.97	33.01
1880	20	QPSK	1/0	13.28	V	7.88	0.85	20.31	33.01
1900	20	QPSK	1/0	13.43	V	7.88	0.85	20.46	33.01
1860	20	QPSK	1/0	12.64	H	7.88	0.85	19.67	33.01

1880	20	QPSK	1/0	11.66	H	7.88	0.85	18.69	33.01
1900	20	QPSK	1/0	11.07	H	7.88	0.85	18.1	33.01
1860	20	16-QAM	1/0	12.49	V	7.88	0.85	19.52	33.01
1880	20	16-QAM	1/0	12.44	V	7.88	0.85	19.47	33.01
1900	20	16-QAM	1/0	12.62	V	7.88	0.85	19.65	33.01
1860	20	16-QAM	1/0	10.44	H	7.88	0.85	17.47	33.01
1880	20	16-QAM	1/0	10.03	H	7.88	0.85	17.06	33.01
1900	20	16-QAM	1/0	11.01	H	7.88	0.85	18.04	33.01

EIRP for LTE Band IV (Part 27)

Frequency (MHz)	BW (MHz)	Modulation	RB Size/Offset	Substituted level (dBm)	Antenna Polarization	Antenna Gain correction (dBi)	Cable Loss (dB)	Absolute Level (dBm)	Limit (dBm)
1710.7	1.4	QPSK	1/0	12.99	V	7.95	0.79	20.15	30
1732.5	1.4	QPSK	1/0	12.97	V	7.95	0.79	20.13	30
1754.3	1.4	QPSK	1/0	13.26	V	7.95	0.79	20.42	30
1710.7	1.4	QPSK	1/0	11.28	H	7.95	0.79	18.44	30
1732.5	1.4	QPSK	1/0	11.63	H	7.95	0.79	18.79	30
1754.3	1.4	QPSK	1/0	10.93	H	7.95	0.79	18.09	30
1710.7	1.4	16-QAM	1/5	12.01	V	7.95	0.79	19.17	30
1732.5	1.4	16-QAM	1/0	11.92	V	7.95	0.79	19.08	30
1754.3	1.4	16-QAM	1/0	11.97	V	7.95	0.79	19.13	30
1710.7	1.4	16-QAM	1/5	10.9	H	7.95	0.79	18.06	30
1732.5	1.4	16-QAM	1/0	10.88	H	7.95	0.79	18.04	30
1754.3	1.4	16-QAM	1/0	10.33	H	7.95	0.79	17.49	30
1711.5	3	QPSK	1/0	12.99	V	7.95	0.79	20.15	30
1732.5	3	QPSK	1/0	12.99	V	7.95	0.79	20.15	30
1753.5	3	QPSK	1/0	12.67	V	7.95	0.79	19.83	30
1711.5	3	QPSK	1/0	10.59	H	7.95	0.79	17.75	30
1732.5	3	QPSK	1/0	11.53	H	7.95	0.79	18.69	30
1753.5	3	QPSK	1/0	10.34	H	7.95	0.79	17.5	30
1711.5	3	16-QAM	1/0	11.94	V	7.95	0.79	19.1	30
1732.5	3	16-QAM	1/0	12.22	V	7.95	0.79	19.38	30
1753.5	3	16-QAM	1/0	11.24	V	7.95	0.79	18.4	30
1711.5	3	16-QAM	1/0	10.39	H	7.95	0.79	17.55	30
1732.5	3	16-QAM	1/0	9.8	H	7.95	0.79	16.96	30
1753.5	3	16-QAM	1/0	8.99	H	7.95	0.79	16.15	30
1712.5	5	QPSK	1/0	12.83	V	7.95	0.79	19.99	30
1732.5	5	QPSK	1/0	13	V	7.95	0.79	20.16	30
1752.5	5	QPSK	1/24	12.93	V	7.95	0.79	20.09	30
1712.5	5	QPSK	1/0	10.45	H	7.95	0.79	17.61	30
1732.5	5	QPSK	1/0	11.35	H	7.95	0.79	18.51	30
1752.5	5	QPSK	1/24	11.89	H	7.95	0.79	19.05	30
1712.5	5	16-QAM	1/0	10.46	V	7.95	0.79	17.62	30
1732.5	5	16-QAM	1/0	11.51	V	7.95	0.79	18.67	30

1752.5	5	16-QAM	1/24	11.72	V	7.95	0.79	18.88	30
1712.5	5	16-QAM	1/0	8.19	H	7.95	0.79	15.35	30
1732.5	5	16-QAM	1/0	9.62	H	7.95	0.79	16.78	30
1752.5	5	16-QAM	1/24	9.4	H	7.95	0.79	16.56	30
1715	10	QPSK	1/0	13.12	V	7.95	0.79	20.28	30
1732.5	10	QPSK	1/49	13.01	V	7.95	0.79	20.17	30
1750	10	QPSK	1/0	13.17	V	7.95	0.79	20.33	30
1715	10	QPSK	1/0	10.83	H	7.95	0.79	17.99	30
1732.5	10	QPSK	1/49	11.35	H	7.95	0.79	18.51	30
1750	10	QPSK	1/0	10.97	H	7.95	0.79	18.13	30
1715	10	16-QAM	1/0	12.1	V	7.95	0.79	19.26	30
1732.5	10	16-QAM	1/49	11.51	V	7.95	0.79	18.67	30
1750	10	16-QAM	1/0	12.15	V	7.95	0.79	19.31	30
1715	10	16-QAM	1/0	11.08	H	7.95	0.79	18.24	30
1732.5	10	16-QAM	1/49	9.6	H	7.95	0.79	16.76	30
1750	10	16-QAM	1/0	10.95	H	7.95	0.79	18.11	30
1717.5	15	QPSK	1/0	13.1	V	7.95	0.79	20.26	30
1732.5	15	QPSK	1/74	12.79	V	7.95	0.79	19.95	30
1747.5	15	QPSK	1/0	13.09	V	7.95	0.79	20.25	30
1717.5	15	QPSK	1/0	10.72	H	7.95	0.79	17.88	30
1732.5	15	QPSK	1/74	11.37	H	7.95	0.79	18.53	30
1747.5	15	QPSK	1/0	11.81	H	7.95	0.79	18.97	30
1717.5	15	16-QAM	1/0	12.76	V	7.95	0.79	19.92	30
1732.5	15	16-QAM	1/74	12.33	V	7.95	0.79	19.49	30
1747.5	15	16-QAM	1/0	12.15	V	7.95	0.79	19.31	30
1717.5	15	16-QAM	1/0	10.71	H	7.95	0.79	17.87	30
1732.5	15	16-QAM	1/74	10.76	H	7.95	0.79	17.92	30
1747.5	15	16-QAM	1/0	10.06	H	7.95	0.79	17.22	30
1720	20	QPSK	1/99	13.49	V	7.95	0.79	20.65	30
1732.5	20	QPSK	1/99	13.08	V	7.95	0.79	20.24	30
1745	20	QPSK	1/0	13.17	V	7.95	0.79	20.33	30
1720	20	QPSK	1/99	11.47	H	7.95	0.79	18.63	30
1732.5	20	QPSK	1/99	10.7	H	7.95	0.79	17.86	30
1745	20	QPSK	1/0	11.38	H	7.95	0.79	18.54	30
1720	20	16-QAM	1/99	11.77	V	7.95	0.79	18.93	30

1732.5	20	16-QAM	1/99	12.81	V	7.95	0.79	19.97	30
1745	20	16-QAM	1/0	12.63	V	7.95	0.79	19.79	30
1720	20	16-QAM	1/99	10.67	H	7.95	0.79	17.83	30
1732.5	20	16-QAM	1/99	10.49	H	7.95	0.79	17.65	30
1745	20	16-QAM	1/0	11.41	H	7.95	0.79	18.57	30

ERP for LTE Band VII (Part 27)

Frequency (MHz)	BW (MHz)	Modulation	RB Size/Offset	Substituted level (dBm)	Antenna Polarization	Antenna Gain correction (dBi)	Cable Loss (dB)	Absolute Level (dBm)	Limit (dBm)
2502.5	5	QPSK	1/0	12.06	V	8.93	0.83	20.16	30
2535	5	QPSK	1/0	12.03	V	8.93	0.83	20.13	30
2567.5	5	QPSK	1/24	11.93	V	8.93	0.83	20.03	30
2502.5	5	QPSK	1/0	11.02	H	8.93	0.83	19.12	30
2535	5	QPSK	1/0	9.9	H	8.93	0.83	18	30
2567.5	5	QPSK	1/24	9.74	H	8.93	0.83	17.84	30
2502.5	5	16-QAM	1/0	11.69	V	8.93	0.83	19.79	30
2535	5	16-QAM	1/0	10.56	V	8.93	0.83	18.66	30
2567.5	5	16-QAM	1/24	10.85	V	8.93	0.83	18.95	30
2502.5	5	16-QAM	1/0	10	H	8.93	0.83	18.1	30
2535	5	16-QAM	1/0	8.81	H	8.93	0.83	16.91	30
2567.5	5	16-QAM	1/24	8.82	H	8.93	0.83	16.92	30
2505	10	QPSK	1/0	12.29	V	8.93	0.83	20.39	30
2535	10	QPSK	1/49	12.07	V	8.93	0.83	20.17	30
2565	10	QPSK	1/0	12.16	V	8.93	0.83	20.26	30
2505	10	QPSK	1/0	10.1	H	8.93	0.83	18.2	30
2535	10	QPSK	1/49	10.28	H	8.93	0.83	18.38	30
2565	10	QPSK	1/0	9.85	H	8.93	0.83	17.95	30
2505	10	16-QAM	1/0	10.45	V	8.93	0.83	18.55	30
2535	10	16-QAM	1/49	11.17	V	8.93	0.83	19.27	30
2565	10	16-QAM	1/0	10.68	V	8.93	0.83	18.78	30
2505	10	16-QAM	1/0	9.26	H	8.93	0.83	17.36	30
2535	10	16-QAM	1/49	9.4	H	8.93	0.83	17.5	30
2565	10	16-QAM	1/0	8.32	H	8.93	0.83	16.42	30
2507.5	15	QPSK	1/0	12.21	V	8.93	0.83	20.31	30
2535	15	QPSK	1/74	11.98	V	8.93	0.83	20.08	30
2562.5	15	QPSK	1/0	11.93	V	8.93	0.83	20.03	30
2507.5	15	QPSK	1/0	10.28	H	8.93	0.83	18.38	30
2535	15	QPSK	1/74	10.79	H	8.93	0.83	18.89	30
2562.5	15	QPSK	1/0	10.31	H	8.93	0.83	18.41	30
2507.5	15	16-QAM	1/0	11.32	V	8.93	0.83	19.42	30
2535	15	16-QAM	1/74	11.36	V	8.93	0.83	19.46	30

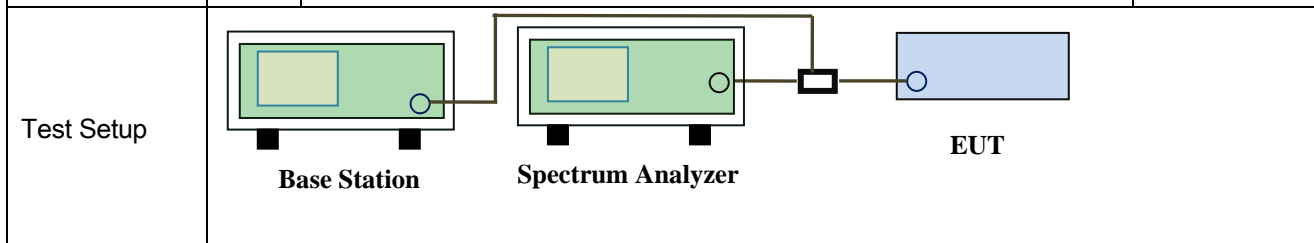
2562.5	15	16-QAM	1/0	11.12	V	8.93	0.83	19.22	30
2507.5	15	16-QAM	1/0	9.81	H	8.93	0.83	17.91	30
2535	15	16-QAM	1/74	10.18	H	8.93	0.83	18.28	30
2562.5	15	16-QAM	1/0	9.29	H	8.93	0.83	17.39	30
2510	20	QPSK	1/99	12.1	V	8.93	0.83	20.2	30
2535	20	QPSK	1/99	11.86	V	8.93	0.83	19.96	30
2560	20	QPSK	1/0	12.18	V	8.93	0.83	20.28	30
2510	20	QPSK	1/99	10.37	H	8.93	0.83	18.47	30
2535	20	QPSK	1/99	10.08	H	8.93	0.83	18.18	30
2560	20	QPSK	1/0	10.5	H	8.93	0.83	18.6	30
2510	20	16-QAM	1/99	10.92	V	8.93	0.83	19.02	30
2535	20	16-QAM	1/99	11.3	V	8.93	0.83	19.4	30
2560	20	16-QAM	1/0	11.59	V	8.93	0.83	19.69	30
2510	20	16-QAM	1/99	8.72	H	8.93	0.83	16.82	30
2535	20	16-QAM	1/99	9.87	H	8.93	0.83	17.97	30
2560	20	16-QAM	1/0	10.12	H	8.93	0.83	18.22	30

6.3 Peak-Average Ratio

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

Requirement(s):

Spec	Item	Requirement	Applicable
§24.232(d) § 27.50(d)	a)	The peak-to-average ratio (PAR) of the transmission may not exceed 13 dB.	<input checked="" type="checkbox"/>



Test Procedure	<p>According with KDB 971168 v02r02</p> <p>5.7.2 Alternate procedure for PAPR</p> <p>5.1.2 Peak power measurements with a peak power meter</p> <p>The total peak output power may be measured using a broadband peak RF power meter. The power meter must have a video bandwidth that is greater than or equal to the emission bandwidth and utilize a fast-responding diode detector.</p> <p>5.2.3 Average power measurement with average power meter</p> <p>As an alternative to the use of a spectrum/signal analyzer or EMI receiver to perform a measurement of the total in-band average output power, a wideband RF average power meter with a thermocouple detector or equivalent can be used under certain conditions</p> <p>If the EUT can be configured to transmit continuously (i.e., the burst duty</p>
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	<p>cycle \geq 98%) and at all times the EUT is transmitting at its maximum output power level, then a conventional wide-band RF power meter can be used. If the EUT cannot be configured to transmit continuously (i.e., the burst duty cycle $<$ 98%), then there are two options for the use of an average power meter. First, a gated average power meter can be used to perform the measurement if the gating parameters can be adjusted such that the power is measured only over active transmission bursts at maximum output power levels. A conventional average power meter can also be used if the measured burst duty cycle is constant (i.e., duty cycle variations are less than \pm 2 percent) by performing the measurement over the on/off burst cycles and then correcting (increasing) the measured level by a factor equal to $10\log(1/\text{duty cycle})$</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 II (part 24E)

BW(MHz)	Frequency (MHz)	Mode	Modulation	Conducted Power (dBm)		Peak-Average Ratio (PAR)
				Peak	Average	
1.4	1880	RB 1/0	QPSK	22.8	22.32	0.48
			16QAM	21.62	21.31	0.31
3	1880	RB 1/0	QPSK	22.79	22.36	0.43
			16QAM	21.67	21.35	0.32
5	1880	RB 1/0	QPSK	23.05	22.55	0.5
			16QAM	21.83	21.42	0.41
10	1880	RB 1/0	QPSK	22.96	22.58	0.38
			16QAM	22.01	21.53	0.48
15	1880	RB 1/0	QPSK	23.52	23.08	0.44
			16QAM	22.54	22.06	0.48
20	1880	RB 1/0	QPSK	23.79	23.35	0.44
			16QAM	22.61	22.2	0.41

LTE Band IV (part 27)

BW(MHz)	Frequency (MHz)	Mode	Modulation	Conducted Power (dBm)		Peak-Average Ratio (PAR)
				Peak	Average	
1.4	1732.5	RB 1/0	QPSK	22.69	22.32	0.37
			16QAM	21.69	21.31	0.38
3	1732.5	RB 1/0	QPSK	22.72	22.36	0.36
			16QAM	21.69	21.35	0.34
5	1732.5	RB 1/0	QPSK	22.92	22.55	0.37
			16QAM	21.83	21.42	0.41
10	1732.5	RB 1/0	QPSK	22.96	22.58	0.38
			16QAM	21.87	21.53	0.34
15	1732.5	RB 1/0	QPSK	23.58	23.08	0.5
			16QAM	22.38	22.06	0.32
20	1732.5	RB 1/0	QPSK	23.79	23.35	0.44
			16QAM	22.61	22.2	0.41

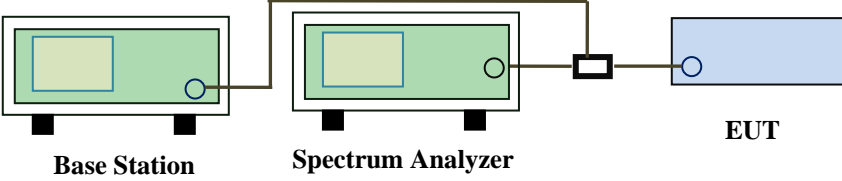
LTE Band VII (part 27)

BW(MHz)	Frequency (MHz)	Mode	Modulation	Conducted Power (dBm)		Peak-Average Ratio (PAR)
				Peak	Average	
5	2535	RB 1/0	QPSK	22.79	22.32	0.47
			16QAM	21.73	21.31	0.42
10	2535	RB 1/0	QPSK	22.74	22.36	0.38
			16QAM	21.8	21.35	0.45
15	2535	RB 1/0	QPSK	22.92	22.55	0.37
			16QAM	21.81	21.42	0.39
20	2535	RB 1/0	QPSK	23.03	22.58	0.45
			16QAM	21.98	21.53	0.45

6.4 Occupied Bandwidth

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

Requirement(s):

Spec	Item	Requirement	Applicable
§2.1049, §22.917, §22.905 §24.238 §27.53(a)	a)	99% Occupied Bandwidth(kHz)	<input checked="" type="checkbox"/>
	b)	26 dB Bandwidth(kHz)	<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 II (Part 24E)

BW(MHz)	Channel	Frequency (MHz)	Modulation	99% Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
1.4	18607	1851	16QAM	1.1020	1.286
			QPSK	1.1081	1.337
1.4	18900	1880	16QAM	1.1063	1.316
			QPSK	1.0975	1.290
1.4	19193	1909	16QAM	1.1117	1.354
			QPSK	1.0978	1.314
3	18615	1852	16QAM	2.7554	3.078
			QPSK	2.7498	3.055
3	18900	1880	16QAM	2.7640	3.085
			QPSK	2.7315	3.030
3	19185	1909	16QAM	2.7533	3.084
			QPSK	2.7571	3.062
5	18625	1853	16QAM	4.5165	4.990
			QPSK	4.5081	4.952
5	18900	1880	16QAM	4.5149	5.055
			QPSK	4.5199	4.965
5	19175	1908	16QAM	4.5168	4.964
			QPSK	4.5227	5.019
10	18650	1855	16QAM	9.0546	10.10
			QPSK	9.0193	10.00
10	18900	1880	16QAM	8.9781	10.06
			QPSK	9.0513	10.13
10	19150	1905	16QAM	9.0030	9.963
			QPSK	9.0443	10.05
15	18675	1858	16QAM	13.453	14.72
			QPSK	13.421	14.47
15	18900	1880	16QAM	13.510	14.60
			QPSK	13.439	14.55
15	19125	1903	16QAM	13.379	14.68
			QPSK	13.405	14.79

20	18700	1860	16QAM	17.875	19.19
			QPSK	17.806	19.15
20	18900	1880	16QAM	17.919	19.13
			QPSK	17.861	19.20
20	19100	1900	16QAM	17.766	19.25
			QPSK	17.784	18.98

LTE Band IV (Part 27)

BW(MHz)	Channel	Frequency (MHz)	Modulation	99% Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
1.4	19957	1711	16QAM	1.1074	1.320
			QPSK	1.1032	1.307
1.4	20175	1733	16QAM	1.0966	1.285
			QPSK	1.1016	1.337
1.4	20393	1754	16QAM	1.1059	1.312
			QPSK	1.1093	1.318
3	19965	1712	16QAM	2.7380	3.061
			QPSK	2.7526	3.077
3	20175	1733	16QAM	2.7743	3.085
			QPSK	2.7480	3.074
3	20385	1754	16QAM	2.7482	3.048
			QPSK	2.7587	3.087
5	19975	1713	16QAM	4.5197	5.011
			QPSK	4.5177	5.042
5	20175	1733	16QAM	4.5179	5.052
			QPSK	4.5279	5.021
5	20375	1753	16QAM	4.5103	5.008
			QPSK	4.5389	5.017
10	20000	1715	16QAM	9.0401	10.08
			QPSK	9.0469	9.999
10	20175	1733	16QAM	9.0208	9.972
			QPSK	9.0380	10.14
10	20350	1750	16QAM	9.0373	9.946
			QPSK	9.0348	10.07
15	20025	1718	16QAM	13.421	14.68
			QPSK	13.429	14.64
15	20175	1733	16QAM	13.434	14.64
			QPSK	13.454	14.73
15	20325	1748	16QAM	13.399	14.51
			QPSK	13.435	14.66

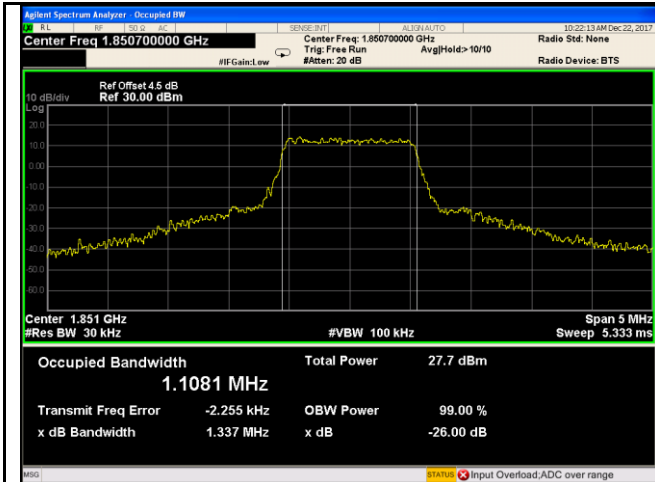
20	20050	1720	16QAM	17.876	19.03
			QPSK	17.843	19.21
20	20175	1733	16QAM	17.855	19.23
			QPSK	17.818	19.12
20	20300	1745	16QAM	17.850	19.16
			QPSK	17.876	19.62

LTE Band VII (Part 27) result

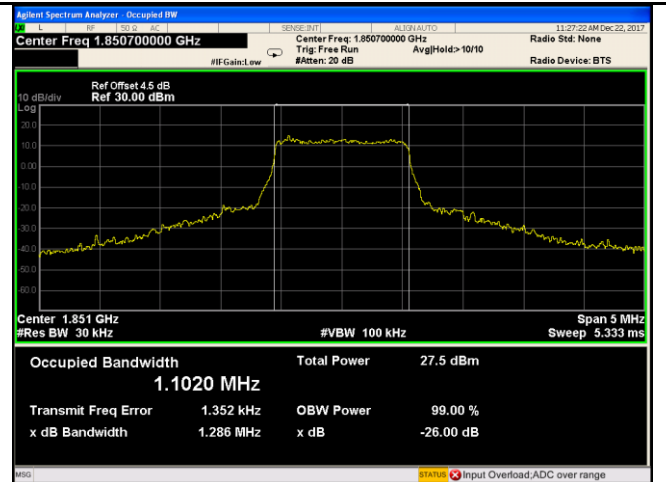
BW(MHz)	Channel	Frequency (MHz)	Modulation	99% Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
5	20775	2503	16QAM	4.5305	4.983
			QPSK	4.5017	4.989
5	21100	2535	16QAM	4.5078	5.006
			QPSK	4.5209	4.987
5	21425	2568	16QAM	4.5281	5.037
			QPSK	4.5045	5.005
10	20800	2505	16QAM	8.9952	9.971
			QPSK	9.0045	10.01
10	21100	2535	16QAM	9.0207	9.943
			QPSK	8.9930	10.01
10	21400	2565	16QAM	8.9896	10.03
			QPSK	9.0360	10.00
15	20825	2508	16QAM	13.464	14.64
			QPSK	13.411	14.65
15	21100	2535	16QAM	13.390	14.49
			QPSK	13.418	14.57
15	21400	2563	16QAM	13.430	14.55
			QPSK	13.408	14.55
20	20850	2510	16QAM	19.901	19.38
			QPSK	17.882	19.33
20	21100	2535	16QAM	17.915	19.17
			QPSK	17.854	19.18
20	21350	2560	16QAM	17.878	19.32
			QPSK	17.859	19.19

Test Plots

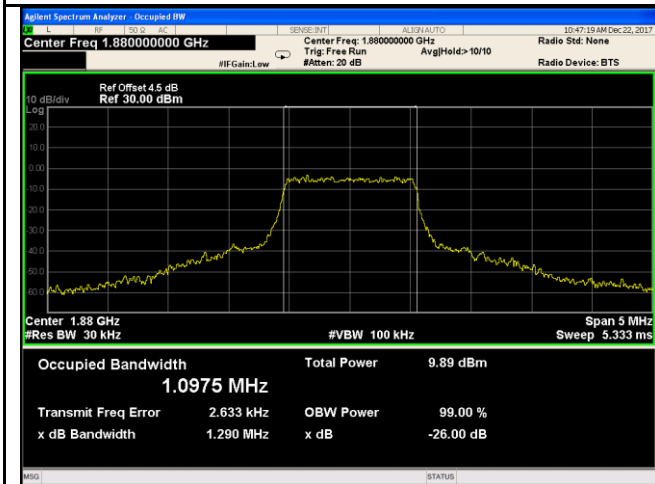
LTE Band II (Part 24E)



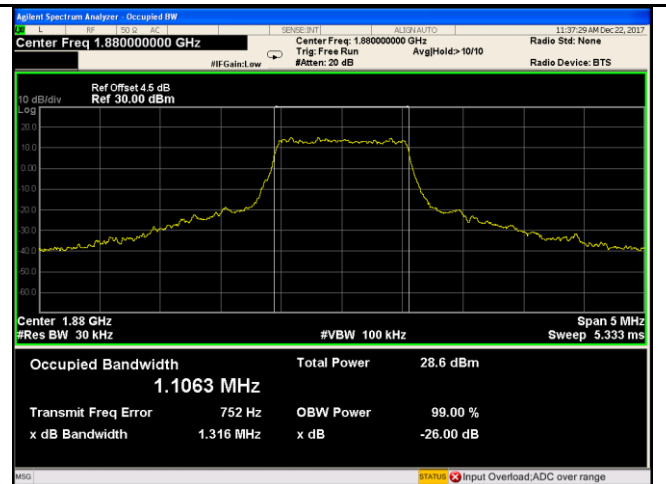
LTE Band II - Low CH QPSK-1.4



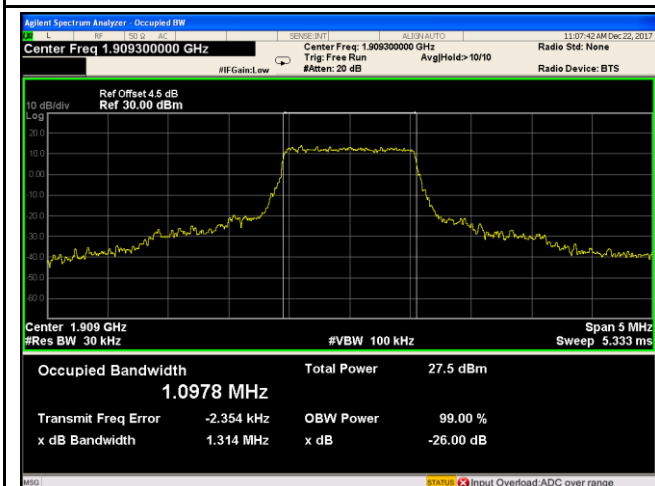
LTE Band II - Low CH 16QAM-1.4



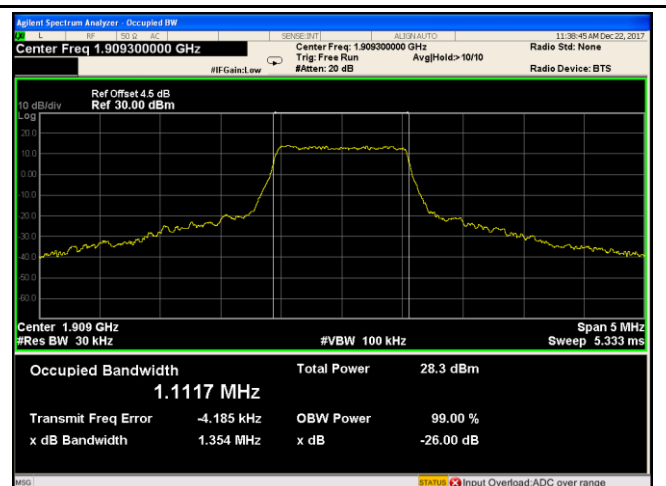
LTE Band II - Middle CH QPSK-1.4



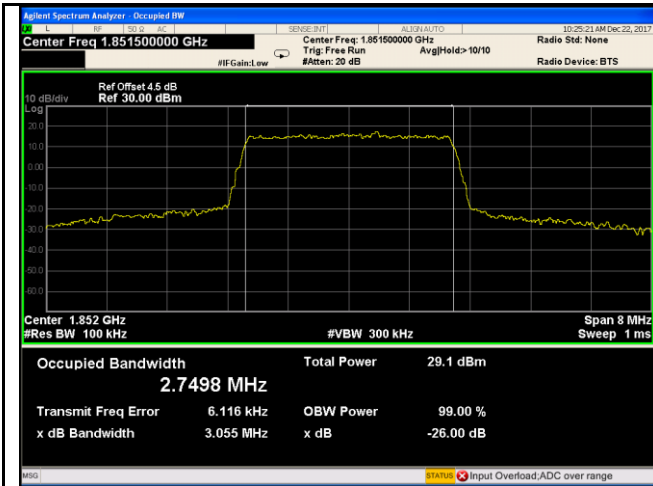
LTE Band II - Middle CH 16QAM-1.4



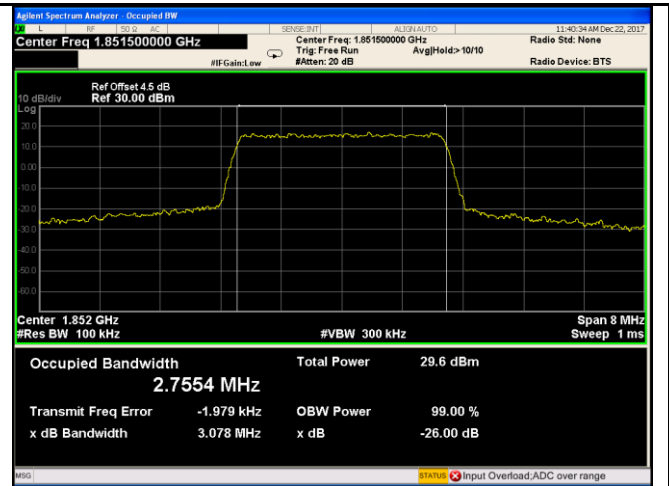
LTE Band II - High CH QPSK-1.4



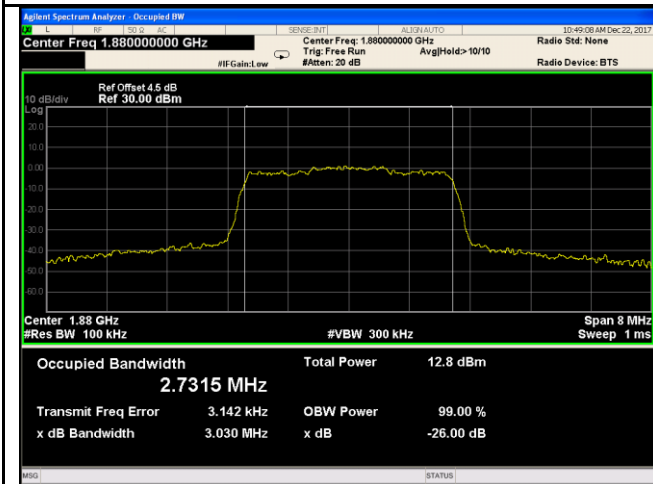
LTE Band II - High CH 16QAM-1.4



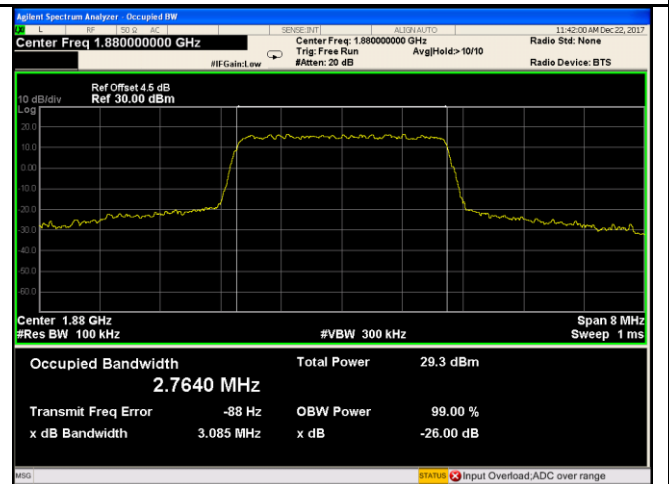
LTE Band II - Low CH QPSK-3



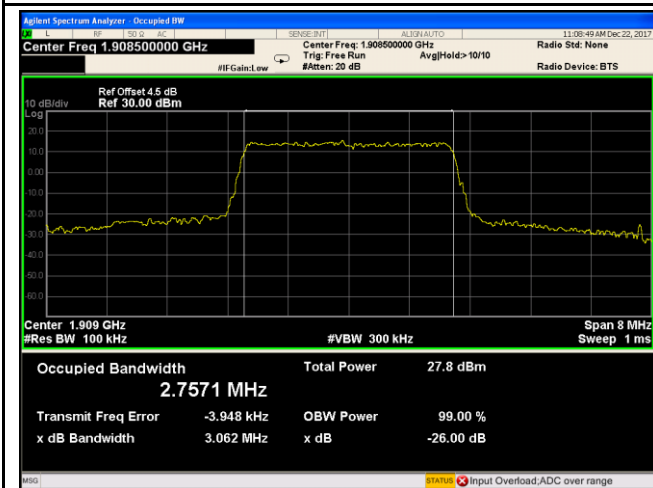
LTE Band II - Low CH 16QAM-3



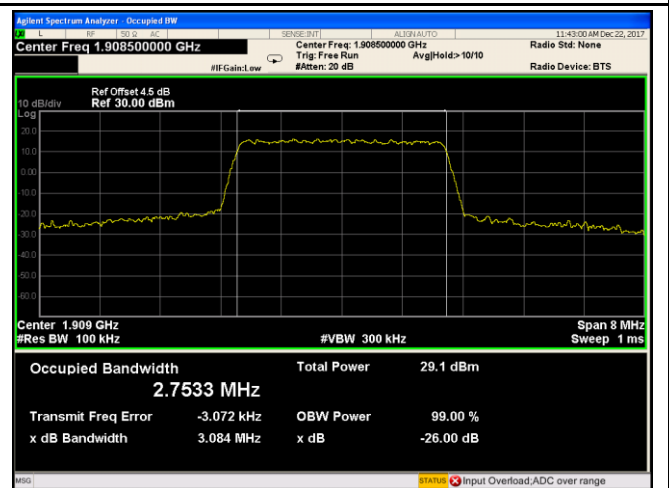
LTE Band II - Middle CH QPSK-3



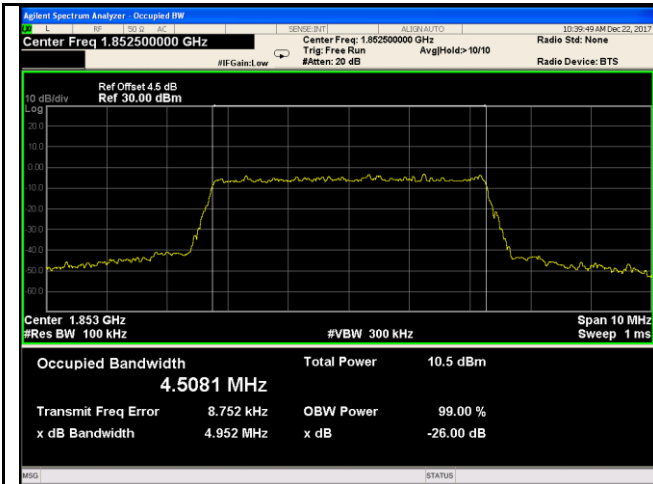
LTE Band II - Middle CH 16QAM-3



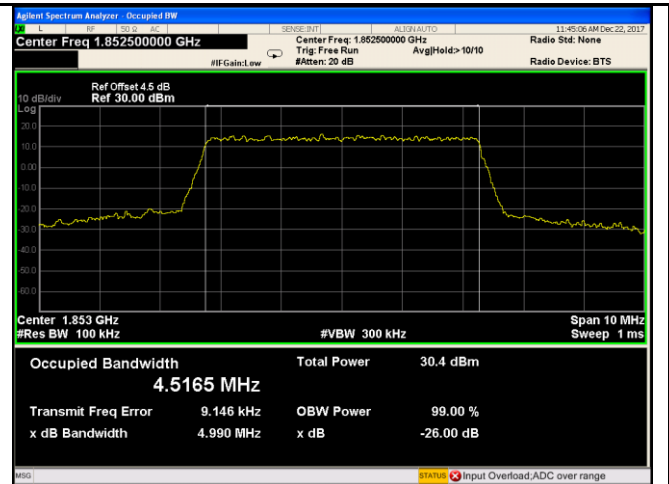
LTE Band II - High CH QPSK-3



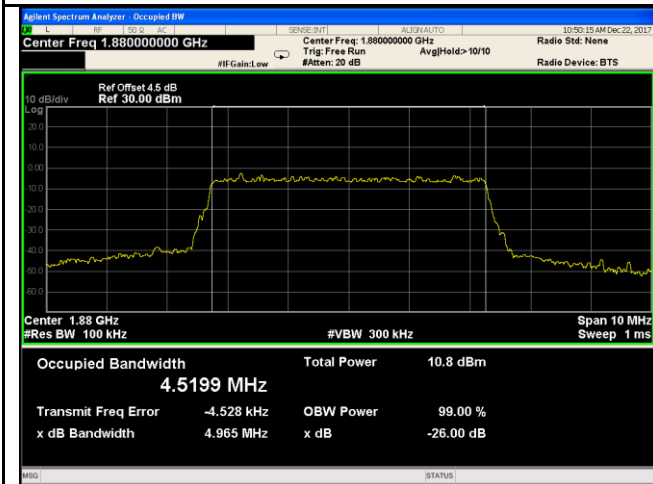
LTE Band II - High CH 16QAM-3



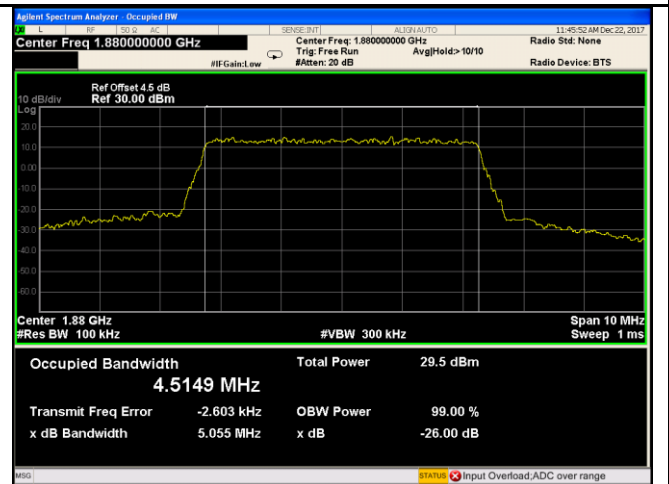
LTE Band II - Low CH QPSK-5



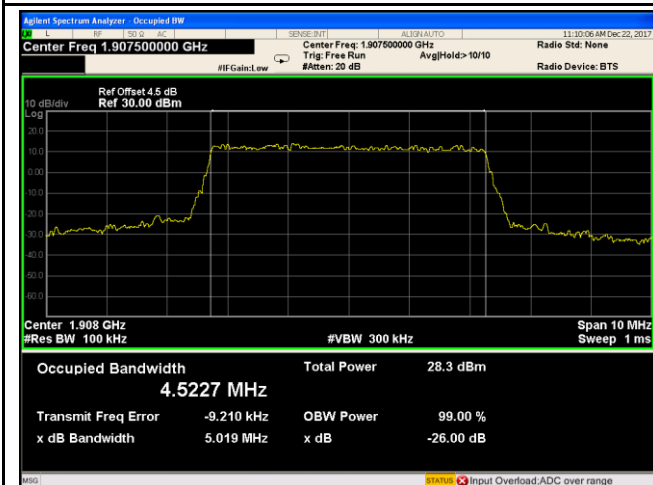
LTE Band II - Low CH 16QAM-5



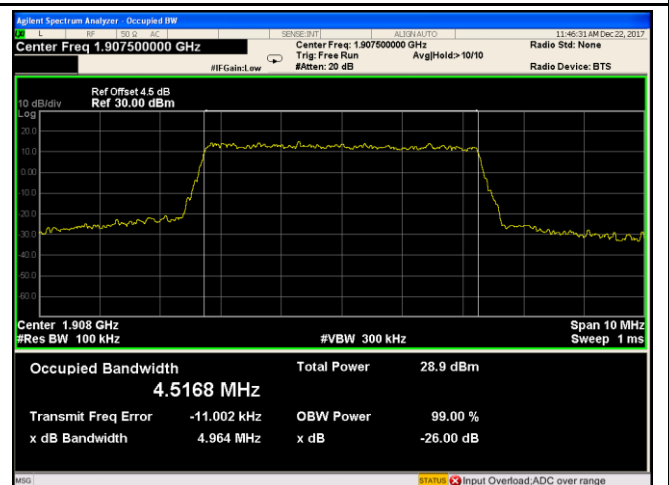
LTE Band II - Middle CH QPSK-5



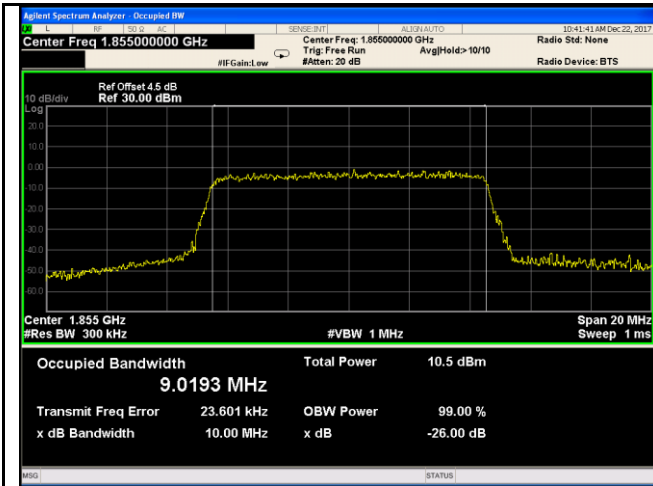
LTE Band II - Middle CH 16QAM-5



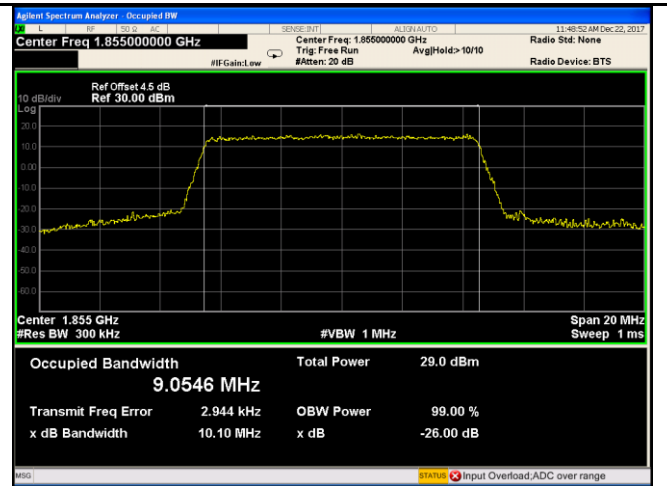
LTE Band II - High CH QPSK-5



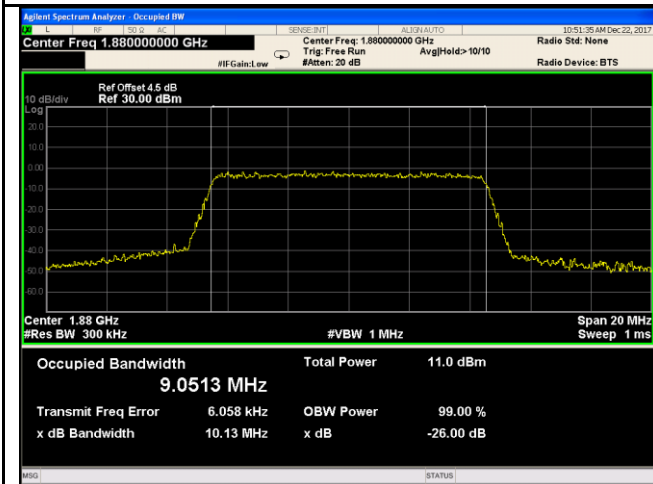
LTE Band II - High CH 16QAM-5



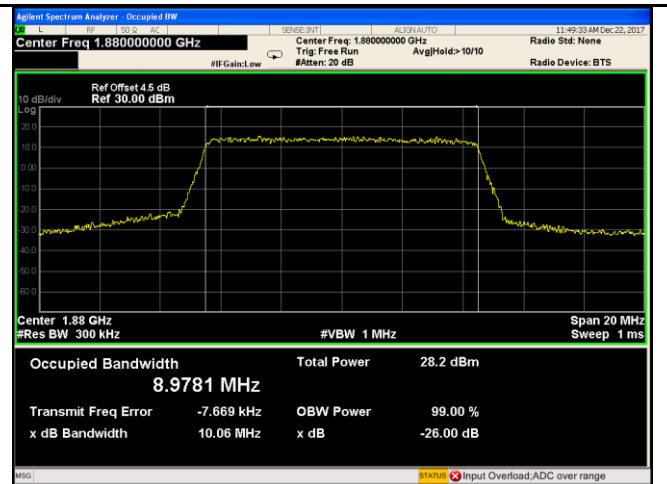
LTE Band II - Low CH QPSK-10



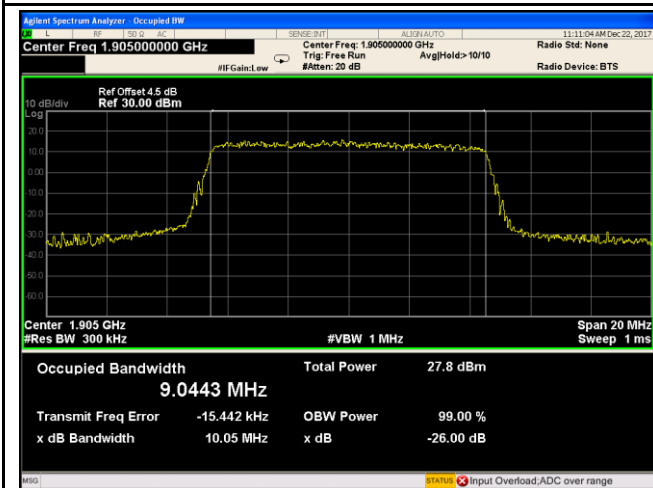
LTE Band II - Low CH 16QAM-10



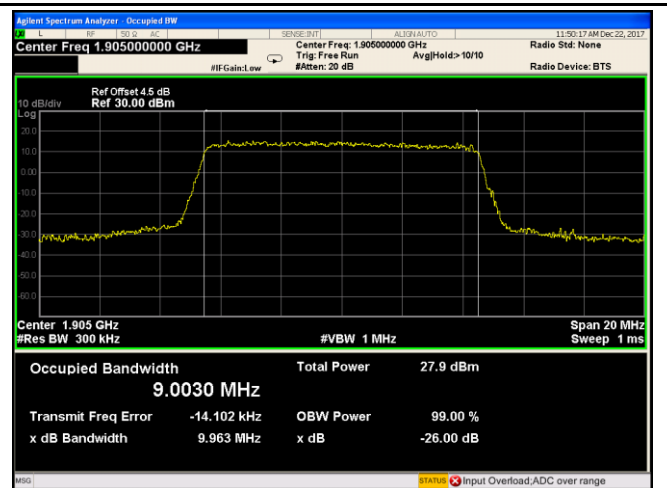
LTE Band II - Middle CH QPSK-10



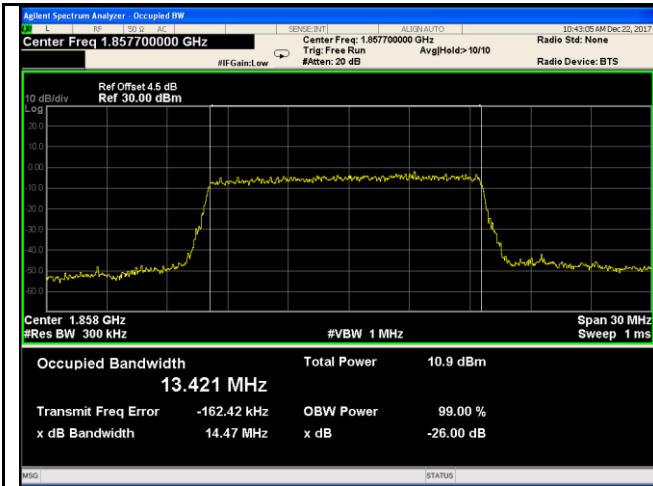
LTE Band II - Middle CH 16QAM-10



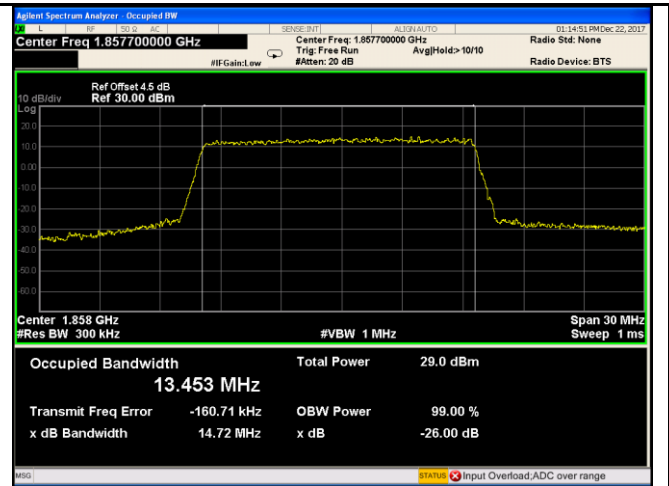
LTE Band II - High CH QPSK-10



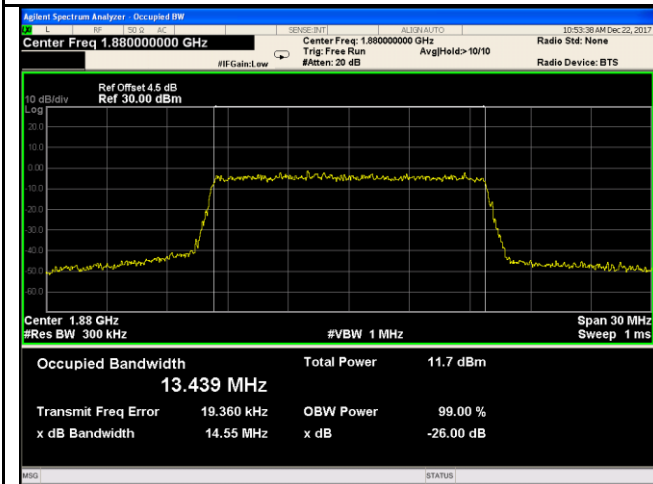
LTE Band II - High CH 16QAM-10



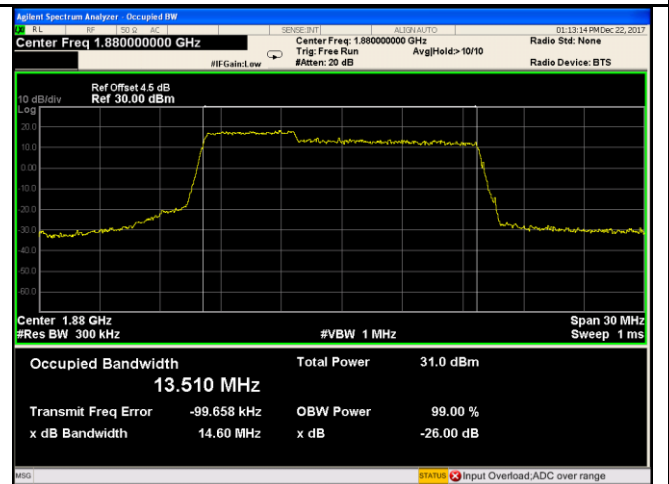
LTE Band II - Low CH QPSK-15



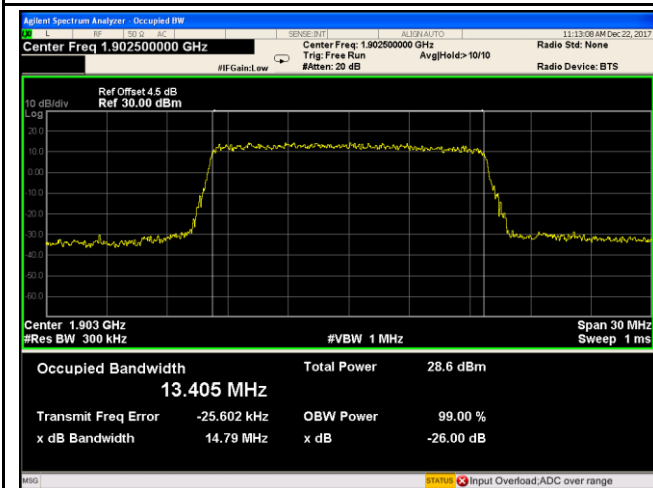
LTE Band II - Low CH 16QAM-15



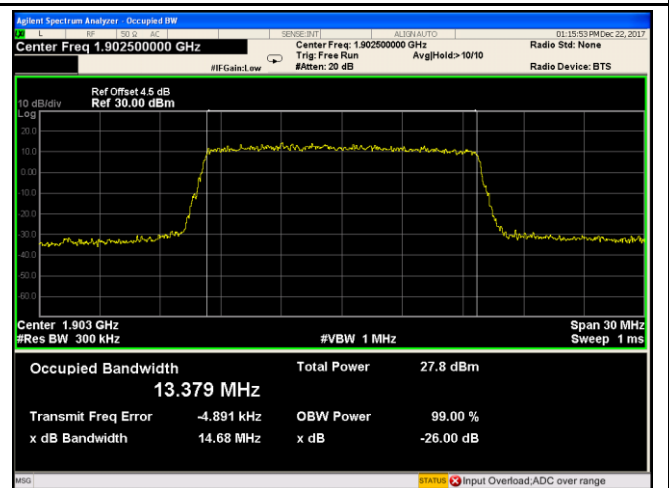
LTE Band II - Middle CH QPSK-15



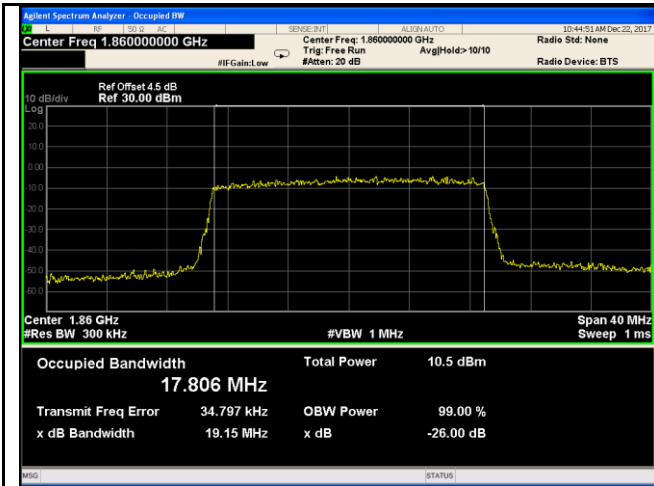
LTE Band II - Middle CH 16QAM-15



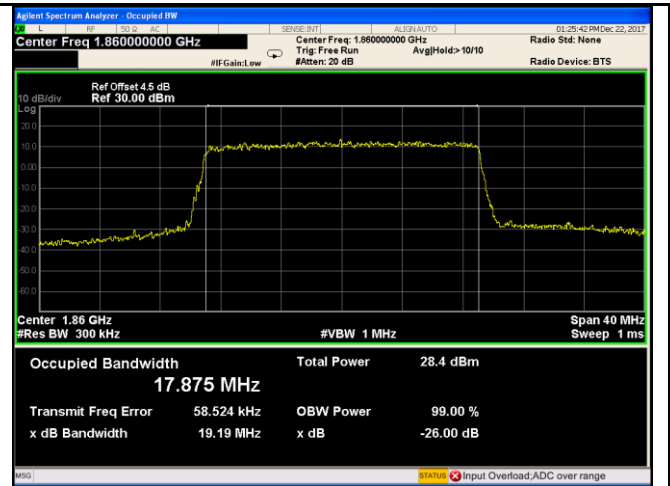
LTE Band II - High CH QPSK-15



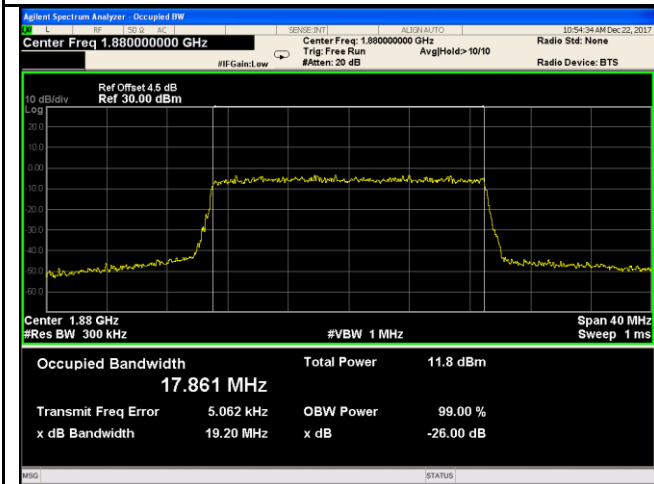
LTE Band II - High CH 16QAM-15



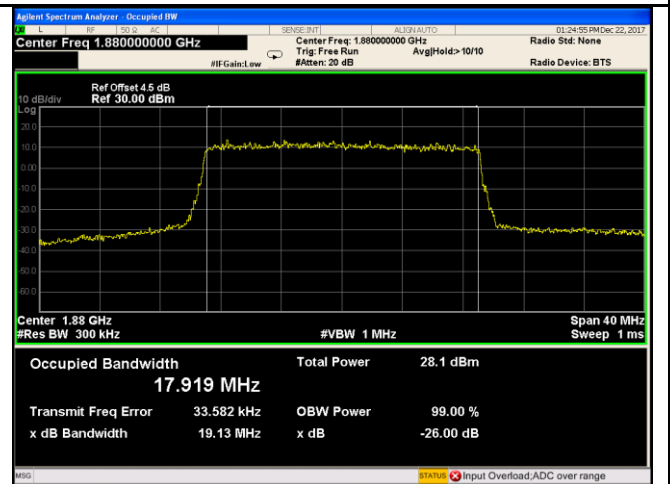
LTE Band II - Low CH QPSK-20



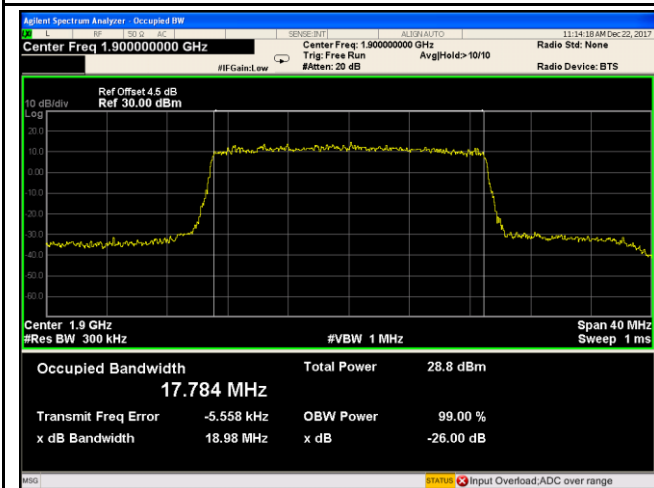
LTE Band II - Low CH 16QAM-20



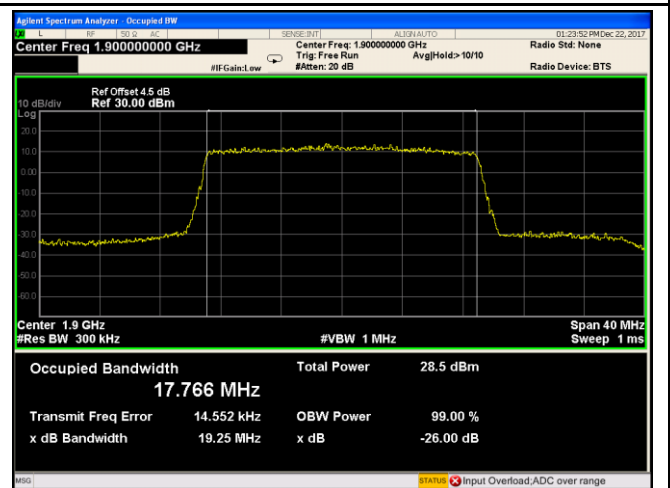
LTE Band II - Middle CH QPSK-20



LTE Band II - Middle CH 16QAM-20

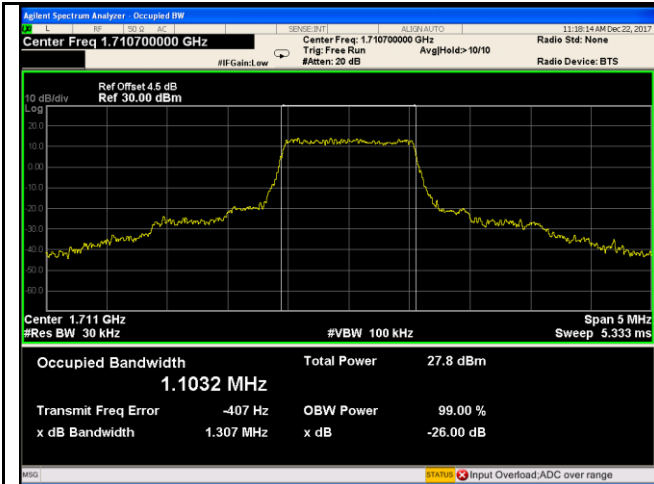


LTE Band II - High CH QPSK-20

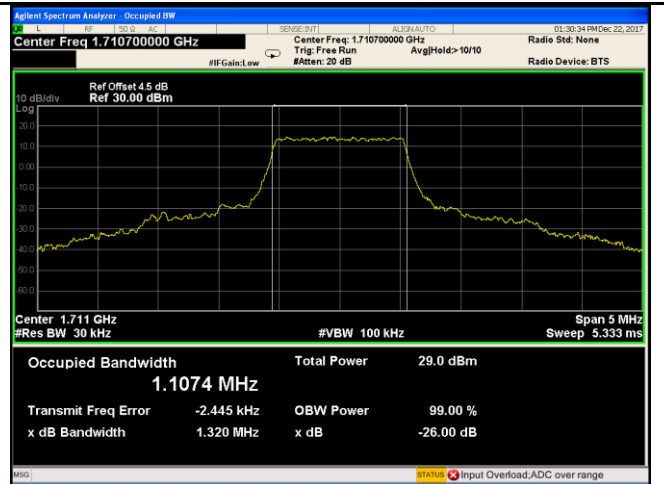


LTE Band II - High CH 16QAM-20

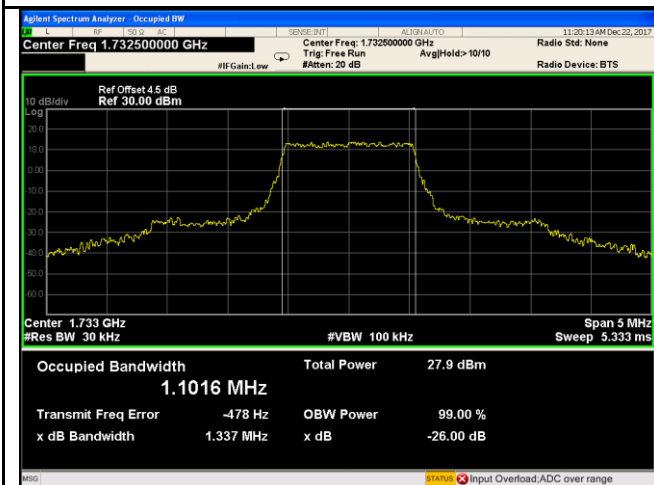
LTE Band IV (Part 27)



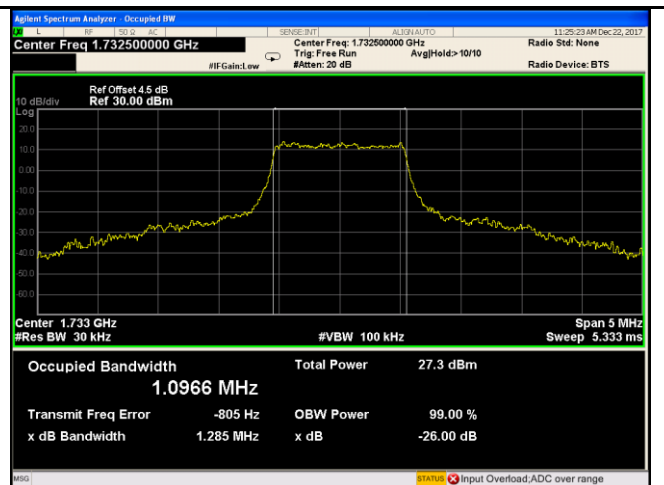
LTE Band IV - Low CH QPSK-1.4



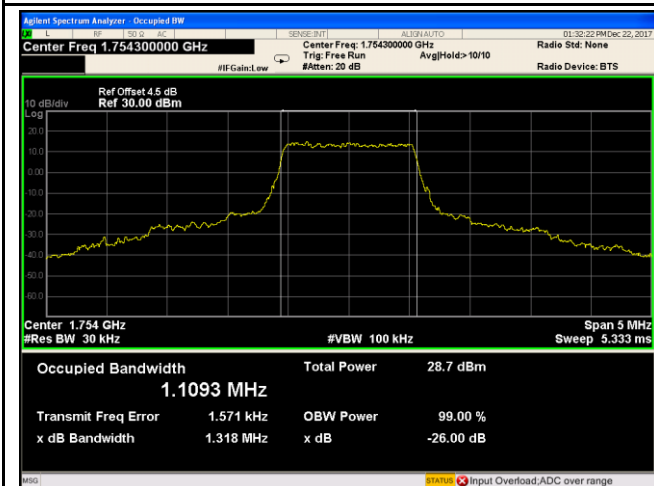
LTE Band IV - Low CH 16QAM-1.4



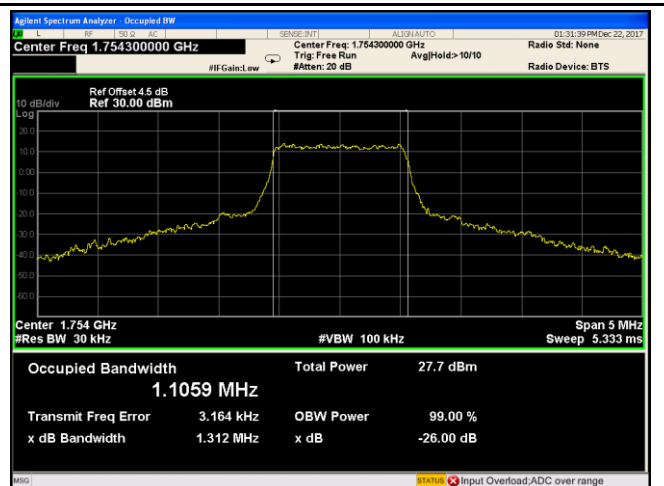
LTE Band IV - Middle CH QPSK-1.4



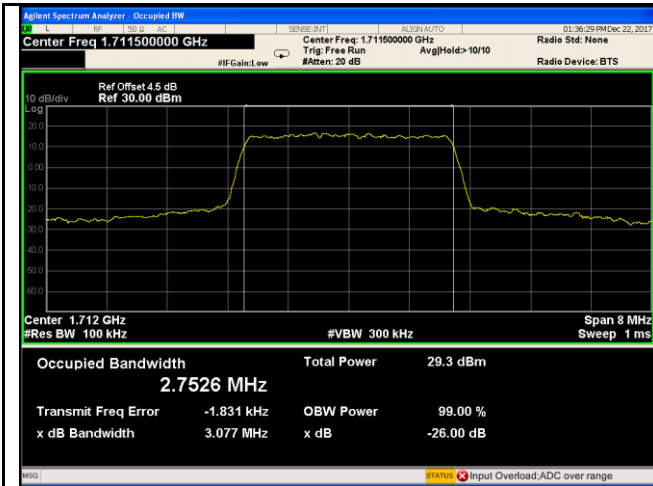
LTE Band IV - Middle CH 16QAM-1.4



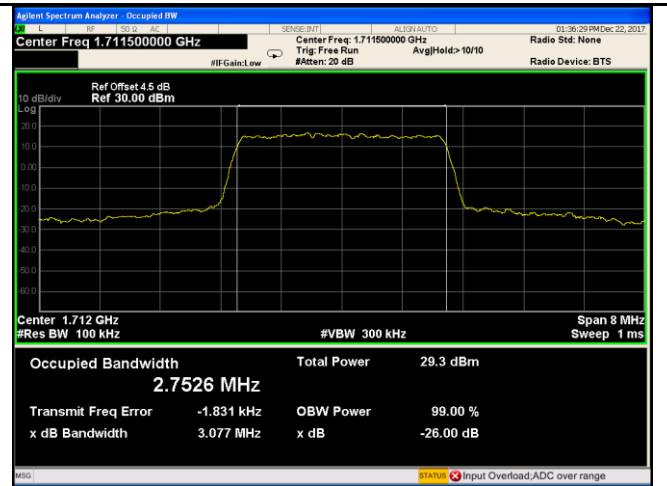
LTE Band IV - High CH QPSK-1.4



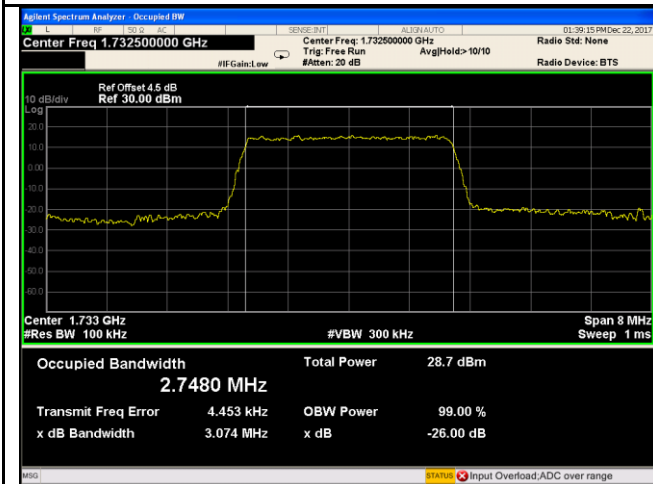
LTE Band IV - High CH 16QAM-1.4



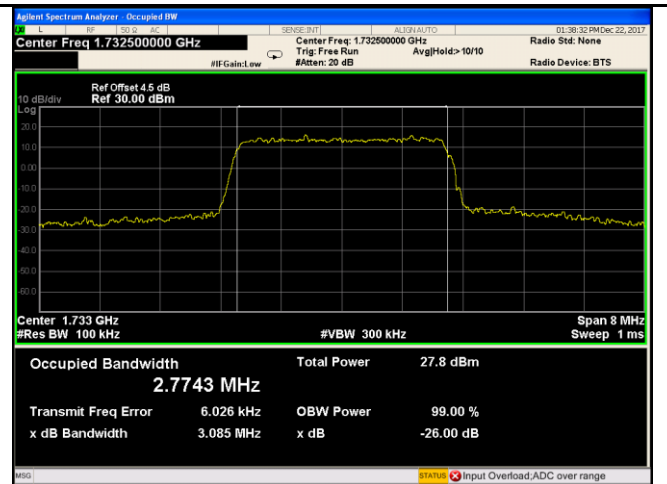
LTE Band IV - Low CH QPSK-3



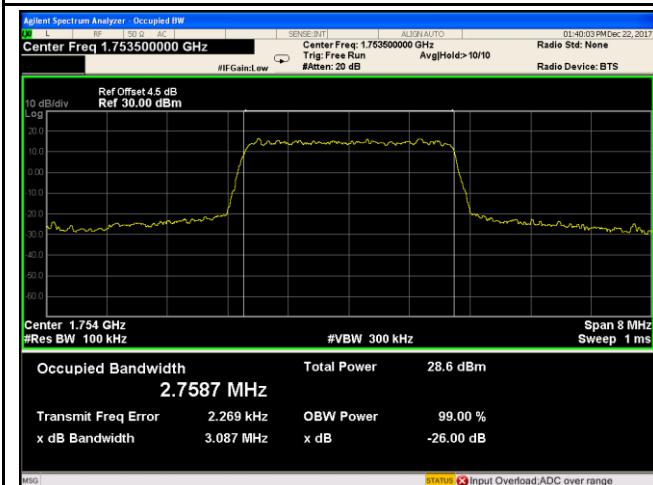
LTE Band IV - Low CH 16QAM-3



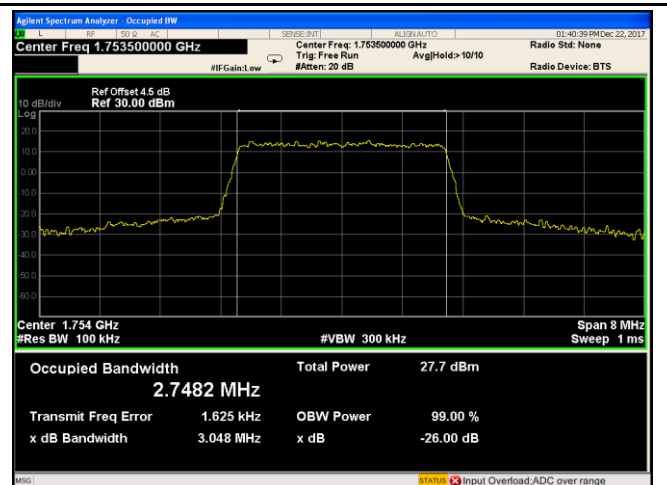
LTE Band IV - Middle CH QPSK-3



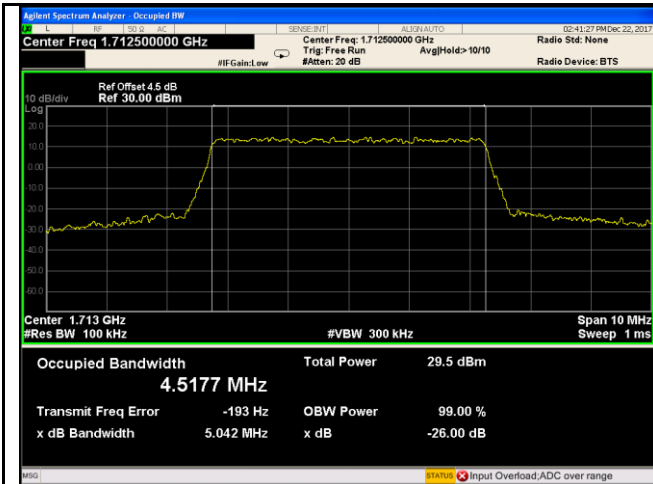
LTE Band IV - Middle CH 16QAM-3



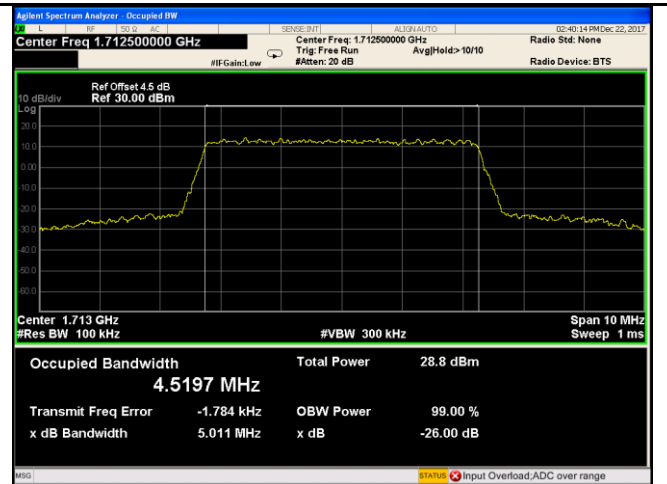
LTE Band IV - High CH QPSK-3



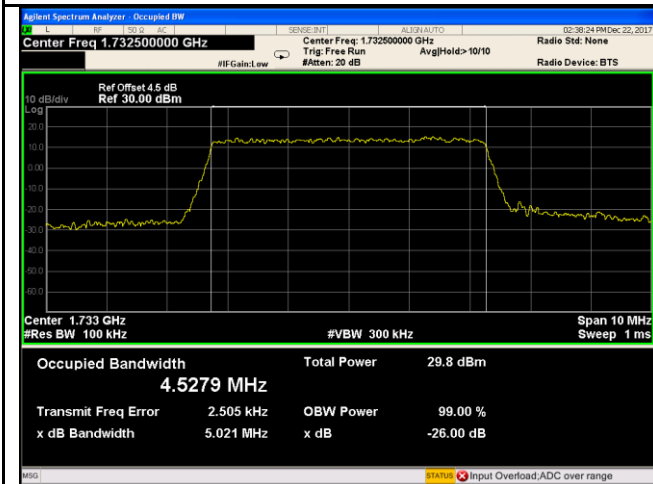
LTE Band IV - High CH 16QAM-3



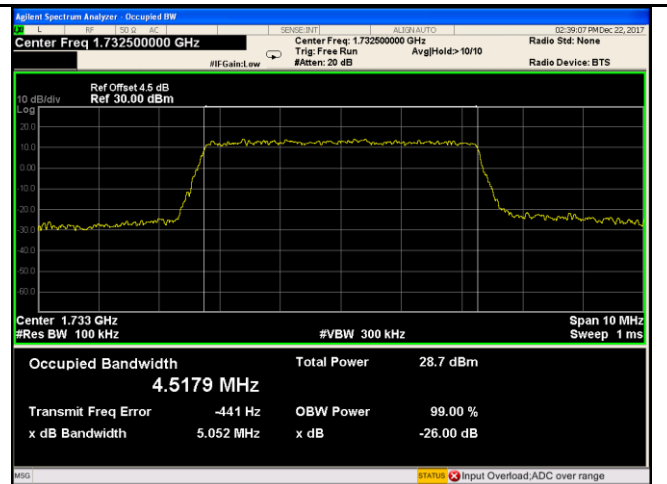
LTE Band IV - Low CH QPSK-5



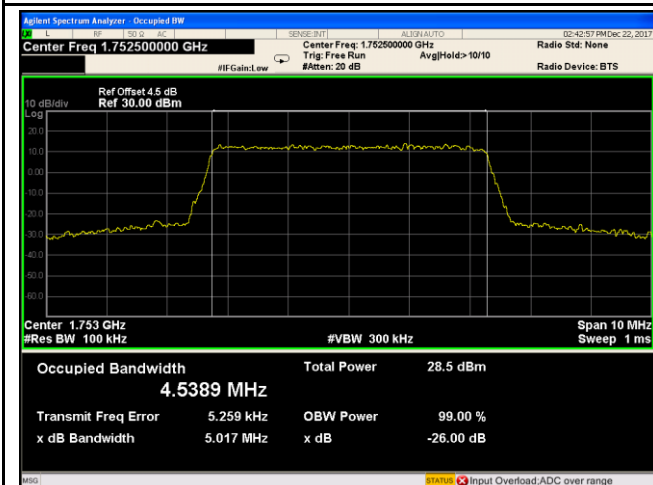
LTE Band IV - Low CH 16QAM-5



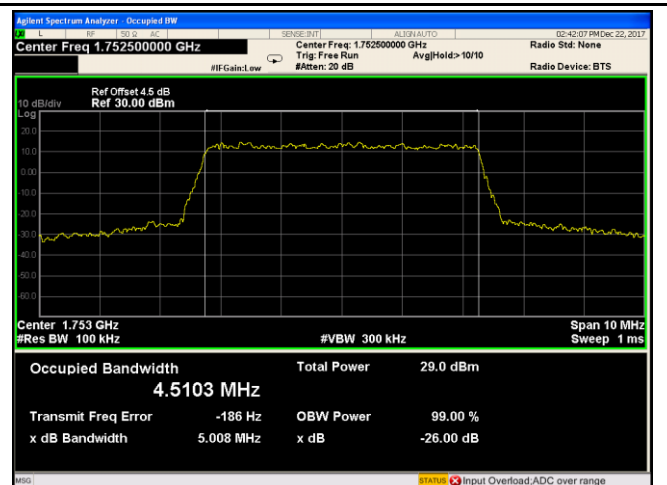
LTE Band IV - Middle CH QPSK-5



LTE Band IV - Middle CH 16QAM-5



LTE Band IV - High CH QPSK-5



LTE Band IV - High CH 16QAM-5