



# TEST REPORT

**APPLICANT** : Nubia Technology Co., Ltd.

**PRODUCT NAME** : 5G Mobile Phone

**MODEL NAME** : NX679J

**BRAND NAME** : REDMAGIC

**FCC ID** : 2AHJO-NX679J

**STANDARD(S)** : 47 CFR Part 22, Subpart H  
47 CFR Part 24, Subpart E  
47 CFR Part 27, Subpart H&L&M

**RECEIPT DATE** : 2021-10-22

**TEST DATE** : 2021-11-11 to 2022-01-04

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Change History		
Version	Date	Reason for change
1.0	2022-01-10	First edition



# 1. Technical Information

Note: Provide by applicant.

## 1.1. Applicant and Manufacturer Information

<b>Applicant:</b>	Nubia Technology Co.,Ltd.
<b>Applicant Address:</b>	Room 1801, Building 2, Chongwen Park, Nanshan Zhiyuan, No.3370, Liuxian Rd, Nanshan District, Shenzhen City, Guangdong Province, P. R. China
<b>Manufacturer:</b>	Nubia Technology Co.,Ltd.
<b>Manufacturer Address:</b>	Room 1801, Building 2, Chongwen Park, Nanshan Zhiyuan, No.3370, Liuxian Rd, Nanshan District, Shenzhen City, Guangdong Province, P. R. China

## 1.2. Equipment Under Test (EUT) Description

<b>Product Name:</b>	5G Mobile Phone	
<b>Sample No.:</b>	3#	
<b>Hardware Version:</b>	NX679J_V1AMB	
<b>Software Version:</b>	NX679J_UNCommon_V4.01	
<b>Modulation Type:</b>	QPSK, 16QAM, 64QAM	
<b>Carrier Aggregation:</b>	Not support	
<b>Operation Band:</b>	Band 2 / 4 / 5 / 7 / 12 / 17 / 18 / 19 / 26 / 38 / 40 / 41 / 66	
<b>Frequency Range:</b>	LTE Band 2	Tx: 1850MHz–1910MHz
		Rx: 1930MHz–1990MHz
	LTE Band 4	Tx: 1710MHz–1755MHz
		Rx: 2110MHz–2155MHz
	LTE Band 5	Tx: 824MHz–849MHz
		Rx: 869MHz–894MHz
	LTE Band 7	Tx: 2500MHz–2570MHz
		Rx: 2620MHz–2690MHz
	LTE Band 12	Tx: 699MHz - 716MHz
		Rx: 729MHz – 746MHz
	LTE Band 17	Tx: 704MHz - 716MHz
		Rx: 734MHz – 746MHz



<b>Frequency Range:</b>	LTE Band 18	Tx: 824MHz–830MHz
		Rx: 869MHz–875MHz
	LTE Band 19	Tx: 830MHz–845MHz
		Rx: 875MHz–890MHz
	LTE Band 26	Tx: 824MHz–849MHz
		Rx: 869MHz–894MHz
	LTE Band 38	Tx: 2570MHz–2620MHz
		Rx: 2570MHz–2620MHz
	LTE Band 40 Block A	Tx: 2305MHz–2315MHz
		Rx: 2305MHz–2315MHz
LTE Band 40 Block B	Tx: 2350MHz–2360MHz	
	Rx: 2350MHz–2360MHz	
LTE Band 41	Tx: 2496MHz –2690MHz	
	Rx: 2496MHz –2690MHz	
LTE Band 66	Tx: 1710MHz –1780MHz	
	Rx: 2110MHz –2200MHz	
<b>Channel Bandwidth:</b>	LTE Band 2	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
	LTE Band 4	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
	LTE Band 5	1.4MHz, 3MHz, 5MHz, 10MHz
	LTE Band 7	5 MHz, 10MHz, 15MHz, 20MHz
	LTE Band 12	1.4MHz, 3 MHz, 5 MHz, 10MHz
	LTE Band 17	5 MHz, 10MHz
	LTE Band 18	5 MHz
	LTE Band 19	5 MHz, 10MHz, 15MHz
	LTE Band 26	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz
	LTE Band 38	5 MHz, 10MHz, 15MHz, 20MHz
	LTE Band 40	5 MHz, 10MHz
	LTE Band 41	5 MHz, 10MHz, 15MHz, 20MHz
	LTE Band 66	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz



<b>Antenna Type:</b>	PIFA Antenna	
<b>Antenna Gain:</b>	Top Antenna	
	LTE Band 2	-0.7dBi
	LTE Band 4	-0.9dBi
	LTE Band 5	-1.8dBi
	LTE Band 7	-0.3dBi
	LTE Band 12	-4.9dBi
	LTE Band 17	-4.9dBi
	LTE Band 18	-1.8dBi
	LTE Band 19	-1.8dBi
	LTE Band 26	-1.8dBi
	LTE Band 38	-0.3dBi
	LTE Band 40	-0.3dBi
	LTE Band 41	-0.3dBi
	LTE Band 66	-0.9dBi
<b>Antenna Gain:</b>	Bottom Antenna	
	LTE Band 2	-0.5dBi
	LTE Band 4	-0.5dBi
	LTE Band 5	-1.3dBi
	LTE Band 7	0dBi
	LTE Band 12	-2.5dBi
	LTE Band 17	-2.5dBi
	LTE Band 18	-1.3dBi
	LTE Band 19	-1.3dBi
	LTE Band 26	-1.3dBi
	LTE Band 38	0dBi
	LTE Band 40	0dBi
	LTE Band 41	0dBi
	LTE Band 66	-0.5dBi



<b>Accessory Information:</b>	Battery	
	Brand Name:	nubia
	Model No.:	Li3945T44P8h556490
	Serial No.:	N/A
	Capacity:	2190mAh
	Rated Voltage:	7.74V
	Charge Limit:	8.9V
	Manufacturer:	Dongguan Amperex Technology Limited
	AC Adapter	
	Brand Name:	nubia
	Model No.:	STC-A59152050AC-Z
	Serial No.:	N/A
	Rated Output:	5.0V=3.0A, 9.0V=3.0A, 15.0V=3.0A, 20.0V=3.25A PPS: 5.0V-11.0V=5.0A, 5.0V-20.0V=3.25A
	Rated Input:	100-240V~50/60Hz, 1.5A
	Manufacturer:	ShenZhen KunXing Technology Co.,Ltd.

**Note 1:** SIM 1 and SIM 2 is a chipset unit and tested as a single chipset. The SIM 1 is chosen for test.

**Note 2:** For a more detailed description, please refer to Specification or User's Manual supplied by the applicant and/or manufacturer.



### 1.3. Maximum E.R.P./E.I.R.P. and Emission Designator

<b>LTE Band 2</b>		<b>Maximum E.R.P./E.I.R.P. (W)</b>			<b>Emission Designator (99%OBW)</b>		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	
20	0.178	0.152	0.152	18M0G7D	18M0W7D	18M0W7D	
15	0.177	0.149	0.147	13M5G7D	13M5W7D	13M5W7D	
10	0.176	0.155	0.145	9M01G7D	9M04W7D	9M04W7D	
5	0.173	0.148	0.148	4M53G7D	4M53W7D	4M53W7D	
3	0.175	0.149	0.149	2M73G7D	2M72W7D	2M73W7D	
1.4	0.173	0.148	0.148	1M10G7D	1M11W7D	1M11W7D	
<b>LTE Band 4</b>		<b>Maximum E.R.P./E.I.R.P. (W)</b>			<b>Emission Designator (99%OBW)</b>		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	
20	0.179	0.151	0.149	18M0G7D	18M0W7D	18M1W7D	
15	0.175	0.153	0.151	13M5G7D	13M5W7D	13M5W7D	
10	0.176	0.152	0.147	9M02G7D	9M03W7D	9M02W7D	
5	0.175	0.152	0.149	4M54G7D	4M53W7D	4M53W7D	
3	0.177	0.149	0.151	2M72G7D	2M73W7D	2M72W7D	
1.4	0.177	0.155	0.151	1M10G7D	1M11W7D	1M11W7D	
<b>LTE Band 5</b>		<b>Maximum E.R.P./E.I.R.P. (W)</b>			<b>Emission Designator (99%OBW)</b>		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	
10	0.087	0.075	0.072	9M01G7D	9M02W7D	9M01W7D	
5	0.084	0.075	0.083	4M54G7D	4M53W7D	4M52W7D	
3	0.084	0.079	0.069	2M72G7D	2M72W7D	2M72W7D	
1.4	0.084	0.077	0.071	1M11G7D	1M11W7D	1M11W7D	
<b>LTE Band 7</b>		<b>Maximum E.R.P./E.I.R.P. (W)</b>			<b>Emission Designator (99%OBW)</b>		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	
20	0.182	0.151	0.144	18M0G7D	18M0W7D	18M1W7D	
15	0.167	0.140	0.141	13M5G7D	13M5W7D	13M5W7D	
10	0.174	0.157	0.148	9M03G7D	9M04W7D	9M02W7D	
5	0.181	0.158	0.154	4M53G7D	4M53W7D	4M52W7D	
<b>LTE Band 12</b>		<b>Maximum E.R.P./E.I.R.P. (W)</b>			<b>Emission Designator (99%OBW)</b>		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	
10	0.066	0.059	0.057	9M01G7D	9M03W7D	9M03W7D	
5	0.064	0.058	0.053	4M53G7D	4M53W7D	4M53W7D	
3	0.063	0.055	0.052	2M72G7D	2M72W7D	2M72W7D	
1.4	0.065	0.058	0.056	1M10G7D	1M11W7D	1M11W7D	



<b>LTE Band 17</b>	<b>Maximum E.R.P./E.I.R.P. (W)</b>			<b>Emission Designator (99%OBW)</b>		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10	0.064	0.055	0.053	9M02G7D	9M02W7D	9M03W7D
5	0.064	0.055	0.054	4M52G7D	4M54W7D	4M53W7D
<b>LTE Band 18</b>	<b>Maximum E.R.P./E.I.R.P. (W)</b>			<b>Emission Designator (99%OBW)</b>		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
5	0.146	0.121	0.124	4M51G7D	4M51W7D	4M52W7D
<b>LTE Band 19</b>	<b>Maximum E.R.P./E.I.R.P. (W)</b>			<b>Emission Designator (99%OBW)</b>		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
15	0.075	0.065	0.064	13M5G7D	13M5W7D	13M5W7D
10	0.074	0.064	0.064	9M00G7D	9M01W7D	9M02W7D
5	0.073	0.063	0.063	4M52G7D	4M53W7D	4M52W7D
<b>LTE Band 26</b>	<b>Maximum E.R.P./E.I.R.P. (W)</b>			<b>Emission Designator (99%OBW)</b>		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
15	0.083	0.065	0.065	13M5G7D	13M5W7D	13M5W7D
10	0.080	0.073	0.067	9M02G7D	9M01W7D	9M00W7D
5	0.076	0.067	0.062	4M52G7D	4M52W7D	4M52W7D
3	0.076	0.067	0.064	2M72G7D	2M71W7D	2M71W7D
1.4	0.075	0.067	0.062	1M11G7D	1M10W7D	1M10W7D
<b>LTE Band 38</b>	<b>Maximum E.R.P./E.I.R.P. (W)</b>			<b>Emission Designator (99%OBW)</b>		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20	0.193	0.161	0.153	18M0G7D	18M0W7D	18M0W7D
15	0.185	0.161	0.160	13M5G7D	13M5W7D	13M5W7D
10	0.189	0.164	0.155	9M01G7D	9M01W7D	9M00W7D
5	0.190	0.160	0.157	4M53G7D	4M52W7D	4M53W7D
<b>LTE Band 40 Block A</b>	<b>Maximum E.R.P./E.I.R.P. (W)</b>			<b>Emission Designator (99%OBW)</b>		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10	0.192	0.176	0.153	9M00G7D	8M99W7D	9M01W7D
5	0.186	0.176	0.153	4M53G7D	4M52W7D	4M53W7D
<b>LTE Band 40 Block B</b>	<b>Maximum E.R.P./E.I.R.P. (W)</b>			<b>Emission Designator (99%OBW)</b>		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10	0.196	0.160	0.157	9M03G7D	9M02W7D	9M00W7D
5	0.194	0.164	0.164	4M53G7D	4M53W7D	4M53W7D





<b>LTE Band 41</b>	<b>Maximum E.R.P./E.I.R.P. (W)</b>			<b>Emission Designator (99%OBW)</b>		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20	0.173	0.147	0.139	18M0G7D	18M1W7D	18M0W7D
15	0.163	0.143	0.139	13M5G7D	13M6W7D	13M5W7D
10	0.172	0.150	0.143	9M04G7D	9M05W7D	9M03W7D
5	0.173	0.150	0.146	4M54G7D	4M52W7D	4M52W7D
<b>LTE Band 66</b>	<b>Maximum E.R.P./E.I.R.P. (W)</b>			<b>Emission Designator (99%OBW)</b>		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20	0.175	0.151	0.132	18M0G7D	18M0W7D	18M0W7D
15	0.170	0.144	0.125	13M5G7D	13M5W7D	13M5W7D
10	0.172	0.149	0.130	9M03G7D	9M03W7D	9M03W7D
5	0.169	0.142	0.123	4M53G7D	4M55W7D	4M53W7D
3	0.172	0.148	0.130	2M72G7D	2M72W7D	2M72W7D
1.4	0.171	0.148	0.129	1M11G7D	1M11W7D	1M11W7D



## 1.4. Test Standards and Results

The objective of the report is to perform testing according to Part 2, Part 22, Part 24, Part 27 for the EUT FCC ID Certification:

No.	Identity	Document Title
1	47 CFR Part 2	Frequency Allocations and Radio Treaty Matters; General Rules and Regulations
2	47 CFR Part 22	Public Mobile Services
3	47 CFR Part 24	Personal Communications Services
4	47 CFR Part 27	Miscellaneous Wireless Communications Services

Test detailed items/section required by FCC rules and results are as below:

Section	Description	Test Date	Test Engineer	Result	Method Determination /Remark
2.1046 22.913(a) 22.913(a)(2) 24.232(c) 27.50(a)(3) 27.50(c)(10) 27.50(d)(4) 27.50(h)(2)	Transmitter Conducted Output Power and E.R.P./E.I.R.P.	Dec 20, 2021 Jan 04, 2022	Chen Hao Li Huaijie	PASS	No deviation
2.1049	Occupied Bandwidth	Nov 10&15, 2021 Dec 31, 2021	Li Huaijie	PASS	No deviation
2.1055 22.355 24.235 27.54	Frequency Stability	Dec 31, 2021	Li Huaijie	PASS	No deviation
24.232(d), 27.50(d)(5)	Peak to Average Radio	Nov 12, 2021	Li Huaijie	PASS	No deviation
2.1051 22.917(a) 24.238(a) 27.53(a)(4) 27.53(g) 27.53(h) 27.53(m)(4)	Conducted Spurious Emissions	Nov 10&12&15, 2021 Dec 31, 2021	Li Huaijie	PASS	No deviation
2.1051	Band Edge	Nov 11&12&15,	Li Huaijie	PASS	No



22.917(a) 24.238(a) 27.53(a)(4) 27.53(g) 27.53(h) 27.53(m)(4)		2021 Dec 31, 2021			deviation
2.1051 22.917(a) 24.238(a) 27.53(a)(4) 27.53(g) 27.53(h) 27.53(m)(4)	Radiated Spurious Emissions	Nov 21&24, 2021 Dec 07&08, 2021	Su Zhan	PASS	No deviation

**Note 1:** The tests were performed according to the method of measurements prescribed in KDB971168 D01 v03 and ANSI/TIA-603-E-2016.

**Note 2:** The path loss during the RF test is calibrated to correct the results by the offset setting in the test equipments. The ref offset 24.5dB contains two parts that cable loss 14.5dB and Attenuator 10dB.

**Note 3:** Additions to, deviation, or exclusions from the method shall be judged in the "method determination" column of add, deviate or exclude from the specific method shall be explained in the "Remark" of the above table.

**Note 4:** When the test result is a critical value, we will use the measurement uncertainty give the judgment result based on the 95% confidence intervals.

### 1.5. Environmental Conditions

During the measurement, the environmental conditions were within the listed ranges:

Temperature (°C):	15-35
Relative Humidity (%):	30-60
Atmospheric Pressure (kPa):	86-106



## **2.47 CFR Part 2, Part 22H, Part 24E, Part 27 H&L&M Requirements**

### **2.1. Transmitter Conducted Output Power and E.R.P./E.I.R.P.**

#### **2.1.1. Requirement**

According to FCC section 2.1046(a), for transmitters other than single sideband, independent sideband and controlled carrier radiotelephone, power output shall be measured at the RF output terminals when the transmitter is adjusted in accordance with the tune-up procedure to give the values of current and voltage on the circuit elements specified in FCC section 2.1033(c)(8).

According to FCC section 24.232 (c) for LTE Band 2, Mobile and portable stations are limited to 2 watts E.I.R.P. and the equipment must employ a means for limiting power to the minimum necessary for successful communications.

According to FCC section 27.50 (d)(4) for LTE Band 4/66, Fixed, mobile and portable (hand-held) stations in the 1710-1755MHz band are limited to 1wat E.I.R.P.

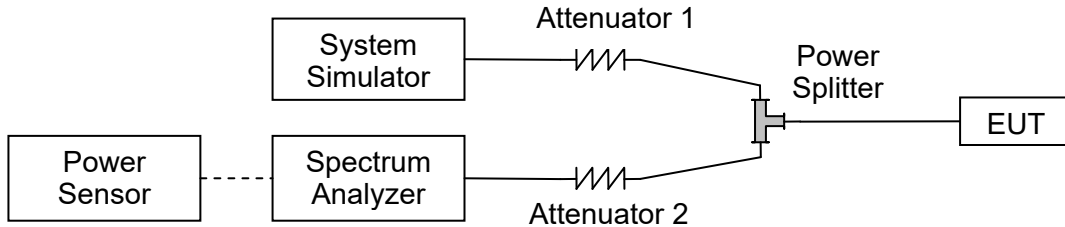
According to FCC section 22.913 (a)(2) for LTE Band 5/18/19/26, the E.R.P. of mobile transmitters and auxiliary test transmitters must not exceed 7 watts.

According to FCC section 27.50 (h)(2) for LTE Band 7/38/41, Mobile and other user stations. Mobile stations are limited to 2 watts E.I.R.P. All user stations are limited to 2 watts transmitter output power.

According to FCC section 27.50 (c)(10) for LTE Band 12/17, Portable stations (hand-held devices) operating in the 704-716MHz band are limited to 3watts E.R.P.

According to FCC section 27.50 (a)(3) for LTE Band 40, For mobile and portable stations transmitting in the 2305-2315 MHz band or the 2350-2360 MHz band, the average E.I.R.P. must not exceed 50 mill watts within any 1 megahertz of authorized bandwidth

### 2.1.2. Test Description



The EUT is coupled to the Spectrum Analyzer (SA) and the System Simulator (SS) with Attenuators through the Power Splitter; the RF load attached to the EUT antenna terminal is 50Ohm; the path loss as the factor is calibrated to correct the reading. The EUT is commanded by the SS to operate at the maximum output power. A call is established between the EUT and the SS.

### 2.1.3. Test Procedure

KDB 971168 D01v03 Section 5.2 and ANSI/TIA-603-E-2016.

$E.I.R.P. (dBm) = \text{Conducted Output Power (dBm)} + \text{Antenna Gain (dBi)}$

$E.R.P. (dBm) = E.I.R.P. (dBm) - 2.15$



2.1.4. Result

Conducted Output Power:

LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18700	18900	19100
Frequency (MHz)				1860	1880	1900
20	QPSK	1	0	22.75	23.01	22.96
20	QPSK	1	49	22.73	22.85	22.92
20	QPSK	1	99	22.72	22.68	22.73
20	QPSK	50	0	21.84	22.01	21.88
20	QPSK	50	24	21.76	21.83	21.8
20	QPSK	50	50	21.8	21.74	21.89
20	QPSK	100	0	21.77	21.89	21.81
20	16QAM	1	0	22.25	22.32	22.29
20	16QAM	1	49	22.12	22.02	22.18
20	16QAM	1	99	22.01	22.06	22.21
20	16QAM	50	0	20.73	20.68	20.77
20	16QAM	50	24	20.75	20.84	20.9
20	16QAM	50	50	20.75	20.81	20.87
20	16QAM	100	0	20.78	20.86	20.8
20	64QAM	1	0	22.12	22.32	22.12
20	64QAM	1	49	22.01	22.12	22.29
20	64QAM	1	99	22.03	21.94	22.04
20	64QAM	50	0	20.92	21.02	21.06
20	64QAM	50	24	21.03	21.05	21.05
20	64QAM	50	50	20.96	21.08	21.17
20	64QAM	100	0	21.03	21.05	21.13



LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18675	18900	19125
Frequency (MHz)				1857.5	1880	1902.5
15	QPSK	1	0	22.58	22.98	22.65
15	QPSK	1	37	22.63	22.80	22.75
15	QPSK	1	74	22.58	22.66	22.70
15	QPSK	36	0	21.61	21.96	21.74
15	QPSK	36	20	21.70	21.83	21.72
15	QPSK	36	39	21.78	21.75	21.83
15	QPSK	75	0	21.78	21.84	21.81
15	16QAM	1	0	22.17	22.24	22.14
15	16QAM	1	37	22.04	21.94	22.10
15	16QAM	1	74	21.93	21.98	22.13
15	16QAM	36	0	20.75	20.69	20.81
15	16QAM	36	20	20.74	20.84	20.82
15	16QAM	36	39	20.73	20.72	20.87
15	16QAM	75	0	20.66	20.74	20.81
15	64QAM	1	0	22.16	22.03	22.00
15	64QAM	1	37	22.03	22.01	22.13
15	64QAM	1	74	21.90	22.10	21.95
15	64QAM	36	0	20.74	20.74	20.76
15	64QAM	36	20	20.87	20.80	20.78
15	64QAM	36	39	20.70	20.76	20.74
15	64QAM	75	0	20.80	20.78	20.80



LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18650	18900	19150
Frequency (MHz)				1855	1880	1905
10	QPSK	1	0	22.73	22.96	22.92
10	QPSK	1	25	22.65	22.78	22.95
10	QPSK	1	49	22.69	22.69	22.74
10	QPSK	25	0	21.79	21.90	21.86
10	QPSK	25	12	21.87	21.83	21.86
10	QPSK	25	25	21.85	21.91	21.91
10	QPSK	50	0	21.87	21.89	21.83
10	16QAM	1	0	22.05	22.38	22.21
10	16QAM	1	25	22.35	22.22	22.21
10	16QAM	1	49	22.15	22.40	22.39
10	16QAM	25	0	20.84	20.88	20.97
10	16QAM	25	12	20.86	20.93	21.12
10	16QAM	25	25	20.90	20.81	21.00
10	16QAM	50	0	20.83	20.90	20.95
10	64QAM	1	0	21.85	21.89	22.07
10	64QAM	1	25	21.96	21.97	22.12
10	64QAM	1	49	21.84	21.80	21.84
10	64QAM	25	0	20.86	20.90	20.95
10	64QAM	25	12	21.01	20.94	21.07
10	64QAM	25	25	20.89	20.87	20.91
10	64QAM	50	0	20.90	20.95	21.04





LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18625	18900	19175
Frequency (MHz)				1852.5	1880	1907.5
5	QPSK	1	0	22.63	22.89	22.84
5	QPSK	1	12	22.61	22.73	22.80
5	QPSK	1	24	22.60	22.56	22.61
5	QPSK	12	0	21.72	21.89	21.76
5	QPSK	12	7	21.64	21.81	21.78
5	QPSK	12	13	21.68	21.79	21.77
5	QPSK	25	0	21.65	21.77	21.69
5	16QAM	1	0	22.13	22.20	22.17
5	16QAM	1	12	22.00	21.90	22.06
5	16QAM	1	24	21.89	21.94	22.09
5	16QAM	12	0	20.81	20.76	20.85
5	16QAM	12	7	20.83	20.92	20.98
5	16QAM	12	13	20.83	20.89	20.95
5	16QAM	25	0	20.86	20.94	20.88
5	64QAM	1	0	22.00	22.20	22.00
5	64QAM	1	12	21.89	22.00	22.17
5	64QAM	1	24	21.91	21.82	21.92
5	64QAM	12	0	20.80	20.90	20.94
5	64QAM	12	7	20.91	20.93	20.93
5	64QAM	12	13	20.84	20.96	21.05
5	64QAM	25	0	20.91	20.93	21.01



LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18615	18900	19185
Frequency (MHz)				1851.5	1880	1908.5
3	QPSK	1	0	22.66	22.92	22.87
3	QPSK	1	8	22.64	22.76	22.83
3	QPSK	1	14	22.63	22.59	22.64
3	QPSK	8	0	21.75	21.92	21.79
3	QPSK	8	4	21.67	21.74	21.71
3	QPSK	8	7	21.71	21.65	21.80
3	QPSK	15	0	21.68	21.70	21.72
3	16QAM	1	0	22.16	22.23	22.20
3	16QAM	1	8	22.03	21.93	22.09
3	16QAM	1	14	21.92	21.97	22.12
3	16QAM	8	0	20.74	20.69	20.78
3	16QAM	8	4	20.76	20.85	20.91
3	16QAM	8	7	20.76	20.82	20.88
3	16QAM	15	0	20.79	20.87	20.81
3	64QAM	1	0	22.03	22.23	22.03
3	64QAM	1	8	21.92	22.03	22.20
3	64QAM	1	14	21.94	21.85	21.95
3	64QAM	8	0	20.83	20.93	20.97
3	64QAM	8	4	20.94	20.96	20.96
3	64QAM	8	7	20.87	20.99	21.08
3	64QAM	15	0	20.94	20.96	21.04



LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18607	18900	19193
Frequency (MHz)				1850.7	1880	1909.3
1.4	QPSK	1	0	22.63	22.89	22.84
1.4	QPSK	1	3	22.61	22.73	22.80
1.4	QPSK	1	5	22.60	22.56	22.61
1.4	QPSK	3	0	21.72	21.89	21.76
1.4	QPSK	3	1	21.64	21.71	21.68
1.4	QPSK	3	3	21.68	21.62	21.77
1.4	QPSK	6	0	21.65	21.67	21.69
1.4	16QAM	1	0	22.13	22.20	22.17
1.4	16QAM	1	3	22.00	21.90	22.06
1.4	16QAM	1	5	21.89	21.94	22.09
1.4	16QAM	3	0	20.71	20.66	20.75
1.4	16QAM	3	1	20.73	20.82	20.88
1.4	16QAM	3	3	20.73	20.79	20.85
1.4	16QAM	6	0	20.66	20.74	20.68
1.4	64QAM	1	0	22.00	22.20	22.00
1.4	64QAM	1	3	21.89	22.00	22.17
1.4	64QAM	1	5	21.91	21.82	21.92
1.4	64QAM	3	0	20.80	20.90	20.94
1.4	64QAM	3	1	20.91	20.93	20.93
1.4	64QAM	3	3	20.84	20.96	21.05
1.4	64QAM	6	0	20.91	20.93	21.01



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20050	20175	20300
Frequency (MHz)				1720	1732.5	1745
20	QPSK	1	0	22.90	23.04	22.94
20	QPSK	1	49	22.80	22.90	22.88
20	QPSK	1	99	22.86	22.82	22.84
20	QPSK	50	0	21.72	21.96	21.89
20	QPSK	50	24	21.85	21.88	21.83
20	QPSK	50	50	21.80	21.69	21.86
20	QPSK	100	0	21.87	21.94	21.83
20	16QAM	1	0	22.18	22.29	22.08
20	16QAM	1	49	22.17	22.18	22.05
20	16QAM	1	99	22.03	22.07	22.03
20	16QAM	50	0	20.70	20.82	20.80
20	16QAM	50	24	20.91	20.87	20.92
20	16QAM	50	50	20.80	20.76	20.83
20	16QAM	100	0	20.91	20.74	20.75
20	64QAM	1	0	22.09	22.24	22.03
20	64QAM	1	49	22.03	22.09	21.95
20	64QAM	1	99	21.89	21.95	21.93
20	64QAM	50	0	20.79	20.85	20.83
20	64QAM	50	24	20.90	20.81	20.76
20	64QAM	50	50	20.70	20.76	20.74
20	64QAM	100	0	20.76	20.78	20.70



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20025	20175	20325
Frequency (MHz)				1717.5	1732.5	1747.5
15	QPSK	1	0	22.67	22.93	22.85
15	QPSK	1	37	22.74	22.82	22.74
15	QPSK	1	74	22.53	22.67	22.54
15	QPSK	36	0	21.72	21.88	21.80
15	QPSK	36	20	21.86	21.84	22.01
15	QPSK	36	39	21.76	21.67	21.71
15	QPSK	75	0	21.83	21.91	21.76
15	16QAM	1	0	21.97	21.87	22.34
15	16QAM	1	37	21.99	21.88	22.22
15	16QAM	1	74	21.87	21.92	22.11
15	16QAM	36	0	20.76	20.80	20.81
15	16QAM	36	20	20.82	20.80	20.81
15	16QAM	36	39	20.89	20.83	20.63
15	16QAM	75	0	20.77	20.76	20.83
15	64QAM	1	0	22.06	22.29	22.00
15	64QAM	1	37	22.00	22.07	22.04
15	64QAM	1	74	22.10	21.98	21.99
15	64QAM	36	0	20.91	20.79	20.74
15	64QAM	36	20	20.88	20.91	20.78
15	64QAM	36	39	20.87	20.68	20.72
15	64QAM	75	0	20.88	20.69	20.78



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20000	20175	20350
Frequency (MHz)				1715	1732.5	1750
10	QPSK	1	0	22.83	22.96	22.85
10	QPSK	1	25	22.87	22.90	22.81
10	QPSK	1	49	22.83	22.84	22.77
10	QPSK	25	0	21.97	21.89	21.98
10	QPSK	25	12	21.96	22.02	21.91
10	QPSK	25	25	21.85	21.97	21.89
10	QPSK	50	0	21.89	21.86	21.91
10	16QAM	1	0	22.03	22.33	22.12
10	16QAM	1	25	21.94	22.11	21.88
10	16QAM	1	49	21.98	22.33	22.12
10	16QAM	25	0	21.03	20.91	20.94
10	16QAM	25	12	20.98	21.00	20.91
10	16QAM	25	25	20.96	20.82	20.96
10	16QAM	50	0	21.07	21.06	21.01
10	64QAM	1	0	21.84	22.05	21.88
10	64QAM	1	25	21.90	21.94	22.16
10	64QAM	1	49	22.07	21.81	21.73
10	64QAM	25	0	20.98	21.04	21.01
10	64QAM	25	12	21.07	20.91	20.93
10	64QAM	25	25	20.93	20.92	21.07
10	64QAM	50	0	20.93	20.89	20.88



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				19975	20175	20375
Frequency (MHz)				1712.5	1732.5	1752.5
5	QPSK	1	0	22.83	22.92	22.83
5	QPSK	1	12	22.85	22.84	22.90
5	QPSK	1	24	22.80	22.78	22.75
5	QPSK	12	0	21.93	21.96	21.92
5	QPSK	12	7	21.95	21.95	21.89
5	QPSK	12	13	21.89	21.91	21.98
5	QPSK	25	0	21.98	21.92	21.85
5	16QAM	1	0	22.13	21.94	22.14
5	16QAM	1	12	22.12	22.01	21.90
5	16QAM	1	24	22.31	22.26	22.12
5	16QAM	12	0	20.98	20.95	20.88
5	16QAM	12	7	21.00	21.08	20.94
5	16QAM	12	13	20.97	20.90	20.92
5	16QAM	25	0	20.94	20.85	20.83
5	64QAM	1	0	22.23	21.95	22.14
5	64QAM	1	12	21.86	22.22	21.99
5	64QAM	1	24	21.91	21.79	21.99
5	64QAM	12	0	20.96	21.02	20.84
5	64QAM	12	7	20.93	20.85	21.10
5	64QAM	12	13	20.90	20.85	20.85
5	64QAM	25	0	20.93	20.95	20.85



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				19965	20175	20385
Frequency (MHz)				1711.5	1732.5	1753.5
3	QPSK	1	0	22.85	22.98	22.82
3	QPSK	1	8	22.91	22.97	22.77
3	QPSK	1	14	22.77	22.86	22.72
3	QPSK	8	0	21.89	21.91	21.88
3	QPSK	8	4	21.93	21.83	21.94
3	QPSK	8	7	21.91	22.04	21.83
3	QPSK	15	0	21.89	21.94	21.94
3	16QAM	1	0	22.17	22.20	21.97
3	16QAM	1	8	22.13	22.18	21.93
3	16QAM	1	14	22.23	21.91	22.08
3	16QAM	8	0	20.92	21.06	20.92
3	16QAM	8	4	20.90	21.09	20.90
3	16QAM	8	7	20.93	20.98	20.87
3	16QAM	15	0	20.98	20.93	20.86
3	64QAM	1	0	21.89	21.91	21.98
3	64QAM	1	8	21.85	21.95	22.30
3	64QAM	1	14	22.00	21.84	21.88
3	64QAM	8	0	20.90	20.97	21.08
3	64QAM	8	4	20.92	21.07	20.92
3	64QAM	8	7	20.98	20.91	20.87
3	64QAM	15	0	21.01	20.92	20.84





LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				19957	20175	20393
Frequency (MHz)				1710.7	1732.5	1754.3
1.4	QPSK	1	0	22.80	22.97	22.62
1.4	QPSK	1	3	22.85	22.85	22.71
1.4	QPSK	1	5	22.75	22.73	22.64
1.4	QPSK	3	0	22.78	22.90	22.60
1.4	QPSK	3	1	22.83	22.86	22.88
1.4	QPSK	3	3	22.72	22.93	22.74
1.4	QPSK	6	0	21.84	21.88	21.75
1.4	16QAM	1	0	22.26	22.38	22.09
1.4	16QAM	1	3	22.21	22.37	21.99
1.4	16QAM	1	5	21.93	22.40	22.21
1.4	16QAM	3	0	22.01	21.86	21.95
1.4	16QAM	3	1	21.92	22.10	21.86
1.4	16QAM	3	3	22.14	21.94	21.96
1.4	16QAM	6	0	20.93	21.08	20.71
1.4	64QAM	1	0	22.17	21.99	22.29
1.4	64QAM	1	3	22.16	21.95	22.30
1.4	64QAM	1	5	21.90	22.00	21.99
1.4	64QAM	3	0	21.81	21.83	21.81
1.4	64QAM	3	1	21.87	22.14	21.80
1.4	64QAM	3	3	22.11	21.92	21.90
1.4	64QAM	6	0	20.91	20.95	20.68



LTE Band 5						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20450	20525	20600
Frequency (MHz)				829	836.5	844
10	QPSK	1	0	22.94	23.18	23.12
10	QPSK	1	25	22.82	23.12	23.00
10	QPSK	1	49	22.90	22.93	22.80
10	QPSK	25	0	21.92	22.11	21.99
10	QPSK	25	12	22.05	21.96	21.93
10	QPSK	25	25	22.07	22.01	22.08
10	QPSK	50	0	21.97	22.07	21.90
10	16QAM	1	0	22.52	22.53	22.42
10	16QAM	1	25	22.52	22.24	22.21
10	16QAM	1	49	22.24	22.30	22.35
10	16QAM	25	0	21.05	20.98	20.95
10	16QAM	25	12	21.13	21.03	21.07
10	16QAM	25	25	21.02	21.02	21.02
10	16QAM	50	0	21.14	21.01	21.01
10	64QAM	1	0	22.25	22.35	22.27
10	64QAM	1	25	22.17	21.97	22.18
10	64QAM	1	49	22.06	22.29	22.14
10	64QAM	25	0	20.94	21.10	20.93
10	64QAM	25	12	21.12	21.07	21.05
10	64QAM	25	25	21.06	20.99	21.09
10	64QAM	50	0	21.09	21.10	20.95



LTE Band 5						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20425	20525	20625
Frequency (MHz)				826.5	836.5	846.5
5	QPSK	1	0	22.99	23.05	22.97
5	QPSK	1	12	22.92	23.01	23.02
5	QPSK	1	24	22.93	22.96	22.93
5	QPSK	12	0	21.92	22.00	22.02
5	QPSK	12	7	21.96	21.96	22.03
5	QPSK	12	13	22.02	22.00	22.05
5	QPSK	25	0	22.02	21.93	22.06
5	16QAM	1	0	22.56	22.07	22.46
5	16QAM	1	12	22.33	21.94	22.52
5	16QAM	1	24	22.30	22.42	21.72
5	16QAM	12	0	20.94	20.85	21.03
5	16QAM	12	7	21.16	20.98	21.14
5	16QAM	12	13	21.07	21.08	21.05
5	16QAM	25	0	20.96	21.01	20.99
5	64QAM	1	0	22.00	22.31	22.44
5	64QAM	1	12	21.67	22.20	21.93
5	64QAM	1	24	22.26	22.38	22.11
5	64QAM	12	0	21.07	21.11	20.99
5	64QAM	12	7	21.10	21.01	21.09
5	64QAM	12	13	21.03	20.95	20.95
5	64QAM	25	0	21.06	20.97	20.88



LTE Band 5						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20415	20525	20635
Frequency (MHz)				825.5	836.5	847.5
3	QPSK	1	0	22.95	23.03	22.92
3	QPSK	1	8	22.83	23.00	22.96
3	QPSK	1	14	22.87	22.99	22.87
3	QPSK	8	0	21.99	21.94	22.01
3	QPSK	8	4	22.02	22.08	22.05
3	QPSK	8	7	21.98	22.03	22.02
3	QPSK	15	0	21.98	21.93	22.08
3	16QAM	1	0	22.25	22.80	22.52
3	16QAM	1	8	22.33	22.11	22.25
3	16QAM	1	14	21.88	22.12	22.13
3	16QAM	8	0	21.16	21.10	21.06
3	16QAM	8	4	21.18	21.24	21.21
3	16QAM	8	7	21.18	21.12	21.11
3	16QAM	15	0	20.92	21.08	21.11
3	64QAM	1	0	21.85	21.67	22.13
3	64QAM	1	8	22.12	21.90	22.18
3	64QAM	1	14	22.03	22.19	22.14
3	64QAM	8	0	21.07	21.13	21.00
3	64QAM	8	4	21.04	21.04	21.07
3	64QAM	8	7	21.09	20.97	20.92
3	64QAM	15	0	21.15	20.91	21.02



LTE Band 5						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20407	20525	20643
Frequency (MHz)				824.7	836.5	848.3
1.4	QPSK	1	0	23.01	23.04	23
1.4	QPSK	1	3	22.86	22.89	23.01
1.4	QPSK	1	5	22.87	22.92	22.96
1.4	QPSK	3	0	22.96	22.90	22.97
1.4	QPSK	3	1	22.94	23.01	22.96
1.4	QPSK	3	3	22.94	22.93	22.95
1.4	QPSK	6	0	21.91	21.93	21.86
1.4	16QAM	1	0	22.18	22.47	22.42
1.4	16QAM	1	3	22.69	22.22	22.12
1.4	16QAM	1	5	22.33	22.50	22.09
1.4	16QAM	3	0	22.22	22.13	22.06
1.4	16QAM	3	1	22.13	21.96	22.08
1.4	16QAM	3	3	22.14	22.19	21.94
1.4	16QAM	6	0	21.05	21.10	21.09
1.4	64QAM	1	0	22.18	22.18	22.18
1.4	64QAM	1	3	22.30	22.08	21.93
1.4	64QAM	1	5	22.04	22.02	21.86
1.4	64QAM	3	0	21.98	21.90	22.18
1.4	64QAM	3	1	21.97	22.15	22.06
1.4	64QAM	3	3	21.96	22.01	21.90
1.4	64QAM	6	0	21.02	20.99	20.88



LTE Band 7						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20850	21100	21350
Frequency (MHz)				2510	2535	2560
20	QPSK	1	0	22.49	22.59	22.44
20	QPSK	1	49	22.44	22.51	22.41
20	QPSK	1	99	22.38	22.39	22.41
20	QPSK	50	0	21.24	21.46	21.19
20	QPSK	50	24	21.4	21.34	21.24
20	QPSK	50	50	21.33	21.39	21.32
20	QPSK	100	0	21.36	21.42	21.31
20	16QAM	1	0	21.57	21.67	21.8
20	16QAM	1	49	21.54	21.65	21.66
20	16QAM	1	99	21.47	21.73	21.56
20	16QAM	50	0	20.35	20.28	20.35
20	16QAM	50	24	20.36	20.37	20.18
20	16QAM	50	50	20.43	20.36	20.37
20	16QAM	100	0	20.31	20.33	20.31
20	64QAM	1	0	21.27	21.37	21.33
20	64QAM	1	49	21.34	21.5	21.27
20	64QAM	1	99	21.59	21.37	21.58
20	64QAM	50	0	20.29	20.22	20.24
20	64QAM	50	24	20.36	20.21	20.28
20	64QAM	50	50	20.44	20.39	20.42
20	64QAM	100	0	20.29	20.35	20.32



LTE Band 7						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20825	21100	21375
Frequency (MHz)				2507.5	2535	2562.5
15	QPSK	1	0	22.09	22.22	22.13
15	QPSK	1	37	22.04	22.02	22.03
15	QPSK	1	74	22.01	22.11	22.07
15	QPSK	36	0	21.22	21.33	21.13
15	QPSK	36	20	21.11	21.14	21.17
15	QPSK	36	39	21.15	21.21	21.14
15	QPSK	75	0	21.17	21.38	21.14
15	16QAM	1	0	21.30	21.22	21.11
15	16QAM	1	37	21.22	21.34	21.07
15	16QAM	1	74	21.47	21.17	21.25
15	16QAM	36	0	20.06	20.22	20.02
15	16QAM	36	20	20.25	20.13	20.19
15	16QAM	36	39	20.16	20.22	20.23
15	16QAM	75	0	20.23	20.17	20.07
15	64QAM	1	0	21.25	21.09	21.38
15	64QAM	1	37	21.50	21.02	21.25
15	64QAM	1	74	21.33	21.20	21.37
15	64QAM	36	0	19.99	20.04	20.23
15	64QAM	36	20	20.26	20.17	20.22
15	64QAM	36	39	20.29	20.22	20.18
15	64QAM	75	0	20.15	20.15	20.20



LTE Band 7						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20800	21100	21400
Frequency (MHz)				2505	2535	2565
10	QPSK	1	0	22.25	22.41	22.29
10	QPSK	1	25	22.27	22.29	22.30
10	QPSK	1	49	22.35	22.38	22.37
10	QPSK	25	0	21.22	21.35	21.31
10	QPSK	25	12	21.43	21.30	21.39
10	QPSK	25	25	21.28	21.39	21.44
10	QPSK	50	0	21.38	21.26	21.47
10	16QAM	1	0	21.73	21.73	21.57
10	16QAM	1	25	21.74	21.95	21.85
10	16QAM	1	49	21.88	21.84	21.89
10	16QAM	25	0	20.26	20.27	20.37
10	16QAM	25	12	20.41	20.40	20.36
10	16QAM	25	25	20.44	20.34	20.49
10	16QAM	50	0	20.38	20.33	20.43
10	64QAM	1	0	21.55	21.63	21.56
10	64QAM	1	25	21.62	21.59	21.46
10	64QAM	1	49	21.61	21.70	21.54
10	64QAM	25	0	20.41	20.27	20.29
10	64QAM	25	12	20.40	20.42	20.38
10	64QAM	25	25	20.44	20.41	20.41
10	64QAM	50	0	20.33	20.40	20.36





LTE Band 7						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20775	21100	21425
Frequency (MHz)				2502.5	2535	2567.5
5	QPSK	1	0	22.33	22.57	22.35
5	QPSK	1	12	22.51	22.52	22.31
5	QPSK	1	24	22.39	22.52	22.53
5	QPSK	12	0	21.44	21.40	21.31
5	QPSK	12	7	21.47	21.57	21.55
5	QPSK	12	13	21.57	21.52	21.55
5	QPSK	25	0	21.51	21.47	21.45
5	16QAM	1	0	21.61	21.48	21.71
5	16QAM	1	12	21.68	21.57	21.85
5	16QAM	1	24	21.98	21.90	21.60
5	16QAM	12	0	20.56	20.36	20.48
5	16QAM	12	7	20.60	20.70	20.41
5	16QAM	12	13	20.53	20.65	20.59
5	16QAM	25	0	20.51	20.47	20.58
5	64QAM	1	0	21.47	21.74	21.66
5	64QAM	1	12	21.63	21.57	21.50
5	64QAM	1	24	21.54	21.87	21.55
5	64QAM	12	0	20.42	20.43	20.36
5	64QAM	12	7	20.58	20.59	20.59
5	64QAM	12	13	20.65	20.55	20.60
5	64QAM	25	0	20.47	20.50	20.50



LTE Band 12						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23060	23095	23130
Frequency (MHz)				704	707.5	711
10	QPSK	1	0	22.97	23.18	23.11
10	QPSK	1	25	23.06	23.12	23.08
10	QPSK	1	49	23.12	22.90	23.07
10	QPSK	25	0	22.04	22.16	22.14
10	QPSK	25	12	22.10	22.16	22.13
10	QPSK	25	25	22.15	22.11	22.12
10	QPSK	50	0	22.13	22.14	22.08
10	16QAM	1	0	22.62	22.70	22.57
10	16QAM	1	25	22.62	22.45	22.71
10	16QAM	1	49	22.50	22.40	22.52
10	16QAM	25	0	21.24	21.33	21.27
10	16QAM	25	12	21.23	21.13	21.14
10	16QAM	25	25	21.23	21.29	21.20
10	16QAM	50	0	21.21	21.10	21.20
10	64QAM	1	0	22.26	22.29	22.43
10	64QAM	1	25	22.19	22.27	22.22
10	64QAM	1	49	22.40	22.57	22.20
10	64QAM	25	0	21.17	21.17	21.13
10	64QAM	25	12	21.11	21.17	21.18
10	64QAM	25	25	21.06	20.94	21.15
10	64QAM	50	0	21.25	21.18	21.14



LTE Band 12						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23035	23095	23155
Frequency (MHz)				701.5	707.5	713.5
5	QPSK	1	0	22.93	23.05	23.03
5	QPSK	1	12	22.97	23.03	22.98
5	QPSK	1	24	22.93	22.95	23.02
5	QPSK	12	0	21.95	22.03	21.98
5	QPSK	12	7	22.05	21.93	22.08
5	QPSK	12	13	22.02	22.03	22.06
5	QPSK	25	0	21.98	21.99	22.03
5	16QAM	1	0	22.33	22.14	22.60
5	16QAM	1	12	22.45	22.43	22.61
5	16QAM	1	24	22.23	22.39	22.20
5	16QAM	12	0	21.15	21.14	21.11
5	16QAM	12	7	21.08	20.96	21.21
5	16QAM	12	13	21.11	21.12	21.09
5	16QAM	25	0	21.30	21.00	21.13
5	64QAM	1	0	22.01	21.97	22.24
5	64QAM	1	12	22.17	22.01	22.23
5	64QAM	1	24	22.17	21.93	22.22
5	64QAM	12	0	21.17	21.02	21.21
5	64QAM	12	7	21.06	21.09	20.99
5	64QAM	12	13	20.99	20.98	20.93
5	64QAM	25	0	21.03	20.99	21.02



LTE Band 12						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23025	23095	23165
Frequency (MHz)				700.5	707.5	714.5
3	QPSK	1	0	22.77	23.01	22.92
3	QPSK	1	8	22.90	22.94	22.88
3	QPSK	1	14	22.68	22.86	22.80
3	QPSK	8	0	21.91	21.95	21.97
3	QPSK	8	4	21.92	21.96	22.03
3	QPSK	8	7	21.79	21.96	21.93
3	QPSK	15	0	21.84	21.91	21.94
3	16QAM	1	0	21.96	22.27	22.24
3	16QAM	1	8	22.20	22.24	22.38
3	16QAM	1	14	22.41	22.12	22.28
3	16QAM	8	0	21.06	21.09	20.95
3	16QAM	8	4	20.98	21.16	21.20
3	16QAM	8	7	20.98	20.95	21.14
3	16QAM	15	0	21.00	20.93	20.98
3	64QAM	1	0	22.00	22.17	22.05
3	64QAM	1	8	21.86	21.87	22.02
3	64QAM	1	14	21.81	22.13	21.85
3	64QAM	8	0	21.08	20.99	21.03
3	64QAM	8	4	20.98	20.99	21.08
3	64QAM	8	7	20.96	21.09	20.95
3	64QAM	15	0	20.90	20.96	20.93



LTE Band 12						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23017	23095	23173
Frequency (MHz)				699.7	707.5	715.3
1.4	QPSK	1	0	22.89	23.10	23.03
1.4	QPSK	1	3	22.98	23.04	23.00
1.4	QPSK	1	5	23.04	22.82	22.99
1.4	QPSK	3	0	21.96	22.08	22.06
1.4	QPSK	3	1	22.02	22.08	22.05
1.4	QPSK	3	3	22.07	22.03	22.04
1.4	QPSK	6	0	22.05	22.06	22.00
1.4	16QAM	1	0	22.54	22.62	22.49
1.4	16QAM	1	3	22.54	22.37	22.63
1.4	16QAM	1	5	22.42	22.32	22.44
1.4	16QAM	3	0	21.16	21.25	21.19
1.4	16QAM	3	1	21.15	21.05	21.06
1.4	16QAM	3	3	21.15	21.21	21.12
1.4	16QAM	6	0	21.13	21.02	21.12
1.4	64QAM	1	0	22.18	22.21	22.35
1.4	64QAM	1	3	22.11	22.19	22.14
1.4	64QAM	1	5	22.32	22.49	22.12
1.4	64QAM	3	0	21.09	21.09	21.05
1.4	64QAM	3	1	21.03	21.09	21.10
1.4	64QAM	3	3	20.98	20.86	21.07
1.4	64QAM	6	0	21.17	21.10	21.06



LTE Band 17						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23780	23790	23800
Frequency (MHz)				709	710	711
10	QPSK	1	0	22.99	23.07	22.98
10	QPSK	1	25	22.94	22.95	22.86
10	QPSK	1	49	22.88	22.99	22.95
10	QPSK	25	0	22.23	22.37	22.14
10	QPSK	25	12	22.12	22.30	22.05
10	QPSK	25	25	21.99	22.22	21.98
10	QPSK	50	0	22.01	22.08	22.04
10	16QAM	1	0	22.40	22.44	22.39
10	16QAM	1	25	22.37	22.38	22.29
10	16QAM	1	49	22.32	22.37	22.34
10	16QAM	25	0	21.25	21.42	21.39
10	16QAM	25	12	21.22	21.33	21.30
10	16QAM	25	25	21.13	21.25	21.18
10	16QAM	50	0	21.15	21.18	21.13
10	64QAM	1	0	22.23	22.25	22.18
10	64QAM	1	25	22.19	22.18	22.07
10	64QAM	1	49	22.20	22.23	22.06
10	64QAM	25	0	21.24	21.28	21.23
10	64QAM	25	12	21.13	21.16	21.15
10	64QAM	25	25	21.09	21.04	21.06
10	64QAM	50	0	21.03	20.99	20.98



LTE Band 17						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23755	23790	23825
Frequency (MHz)				706.5	710	713.5
5	QPSK	1	0	23.05	23.06	22.94
5	QPSK	1	12	22.94	22.98	22.91
5	QPSK	1	24	22.92	22.92	22.80
5	QPSK	12	0	21.87	22.00	21.97
5	QPSK	12	7	22.00	21.83	21.94
5	QPSK	12	13	21.81	21.89	21.90
5	QPSK	25	0	21.96	21.85	21.91
5	16QAM	1	0	22.32	22.36	22.38
5	16QAM	1	12	22.17	22.36	22.42
5	16QAM	1	24	22.16	22.41	22.31
5	16QAM	12	0	20.94	20.95	20.92
5	16QAM	12	7	21.04	21.01	21.08
5	16QAM	12	13	20.99	20.93	21.04
5	16QAM	25	0	20.98	20.89	20.93
5	64QAM	1	0	21.98	22.31	22.04
5	64QAM	1	12	22.22	21.95	22.06
5	64QAM	1	24	21.85	22.12	22.02
5	64QAM	12	0	21.17	21.04	21.10
5	64QAM	12	7	21.25	20.97	21.03
5	64QAM	12	13	20.83	20.93	20.98
5	64QAM	25	0	20.93	20.86	20.96



LTE Band 18						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23965	23970	23975
Frequency (MHz)				826.5	827	827.5
5	QPSK	1	0	22.88	22.81	22.93
5	QPSK	1	12	22.71	22.73	22.83
5	QPSK	1	24	22.90	22.86	22.91
5	QPSK	12	0	21.80	21.83	21.88
5	QPSK	12	7	21.84	21.92	21.93
5	QPSK	12	13	21.89	21.90	22.00
5	QPSK	25	0	21.86	21.88	21.91
5	16QAM	1	0	22.01	22.11	22.13
5	16QAM	1	12	22.07	22.00	22.08
5	16QAM	1	24	21.95	21.98	22.01
5	16QAM	12	0	20.82	20.92	20.94
5	16QAM	12	7	20.77	20.69	20.81
5	16QAM	12	13	20.98	21.01	21.02
5	16QAM	25	0	20.79	20.79	20.89
5	64QAM	1	0	22.17	22.22	22.23
5	64QAM	1	12	22.17	22.16	22.23
5	64QAM	1	24	22.15	22.05	22.16
5	64QAM	12	0	20.74	20.77	20.82
5	64QAM	12	7	20.81	20.80	20.82
5	64QAM	12	13	20.89	20.91	21.00
5	64QAM	25	0	20.83	20.78	20.84





LTE Band 19						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				/	24075	/
Frequency (MHz)				/	837.5	/
15	QPSK	1	0	/	22.53	/
15	QPSK	1	37	/	22.45	/
15	QPSK	1	74	/	22.44	/
15	QPSK	36	0	/	21.68	/
15	QPSK	36	20	/	21.57	/
15	QPSK	36	39	/	21.53	/
15	QPSK	75	0	/	21.64	/
15	16QAM	1	0	/	21.92	/
15	16QAM	1	37	/	21.83	/
15	16QAM	1	74	/	21.75	/
15	16QAM	36	0	/	20.49	/
15	16QAM	36	20	/	20.41	/
15	16QAM	36	39	/	20.61	/
15	16QAM	75	0	/	20.36	/
15	64QAM	1	0	/	21.85	/
15	64QAM	1	37	/	21.64	/
15	64QAM	1	74	/	21.65	/
15	64QAM	36	0	/	20.51	/
15	64QAM	36	20	/	20.50	/
15	64QAM	36	39	/	20.54	/
15	64QAM	75	0	/	20.40	/



LTE Band 19						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				24050	24075	24100
Frequency (MHz)				835	837.5	840
10	QPSK	1	0	22.44	22.50	22.37
10	QPSK	1	25	22.37	22.41	22.34
10	QPSK	1	49	22.40	22.30	22.33
10	QPSK	25	0	21.32	21.40	21.39
10	QPSK	25	12	21.49	21.49	21.49
10	QPSK	25	25	21.52	21.50	21.48
10	QPSK	50	0	21.45	21.49	21.44
10	16QAM	1	0	21.82	21.83	21.80
10	16QAM	1	25	21.81	21.62	21.57
10	16QAM	1	49	21.79	21.75	21.67
10	16QAM	25	0	20.40	20.46	20.34
10	16QAM	25	12	20.49	20.37	20.41
10	16QAM	25	25	20.60	20.55	20.58
10	16QAM	50	0	20.46	20.40	20.46
10	64QAM	1	0	21.76	21.83	21.80
10	64QAM	1	25	21.84	21.60	21.58
10	64QAM	1	49	21.77	21.56	21.55
10	64QAM	25	0	20.32	20.50	20.49
10	64QAM	25	12	20.41	20.45	20.42
10	64QAM	25	25	20.50	20.51	20.53
10	64QAM	50	0	20.42	20.44	20.31



LTE Band 19						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				24025	24075	24125
Frequency (MHz)				832.5	837.5	842.5
5	QPSK	1	0	22.38	22.44	22.31
5	QPSK	1	12	22.31	22.35	22.28
5	QPSK	1	24	22.34	22.24	22.27
5	QPSK	12	0	21.26	21.34	21.33
5	QPSK	12	7	21.43	21.43	21.43
5	QPSK	12	13	21.46	21.44	21.42
5	QPSK	25	0	21.39	21.43	21.38
5	16QAM	1	0	21.76	21.77	21.74
5	16QAM	1	12	21.75	21.56	21.51
5	16QAM	1	24	21.73	21.69	21.61
5	16QAM	12	0	20.34	20.40	20.28
5	16QAM	12	7	20.43	20.31	20.35
5	16QAM	12	13	20.54	20.49	20.52
5	16QAM	25	0	20.40	20.34	20.40
5	64QAM	1	0	21.70	21.77	21.74
5	64QAM	1	12	21.78	21.54	21.52
5	64QAM	1	24	21.71	21.50	21.49
5	64QAM	12	0	20.26	20.44	20.43
5	64QAM	12	7	20.35	20.39	20.36
5	64QAM	12	13	20.44	20.45	20.47
5	64QAM	25	0	20.36	20.38	20.25



LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26865	26915	26965
Frequency (MHz)				831.5	836.5	841.5
15	QPSK	1	0	22.92	22.98	22.85
15	QPSK	1	37	22.86	22.97	22.72
15	QPSK	1	74	22.68	22.78	22.67
15	QPSK	36	0	21.48	21.59	21.46
15	QPSK	36	20	21.45	21.48	21.46
15	QPSK	36	39	21.49	21.56	21.55
15	QPSK	75	0	21.44	21.56	21.53
15	16QAM	1	0	21.86	21.92	21.65
15	16QAM	1	37	21.71	21.80	21.64
15	16QAM	1	74	21.88	21.89	21.66
15	16QAM	36	0	20.98	21.00	20.93
15	16QAM	36	20	20.85	20.92	20.79
15	16QAM	36	39	20.82	20.86	20.94
15	16QAM	75	0	20.83	20.84	20.97
15	64QAM	1	0	21.87	21.94	21.91
15	64QAM	1	37	21.82	21.88	21.76
15	64QAM	1	74	21.80	21.81	21.75
15	64QAM	36	0	20.36	20.44	20.51
15	64QAM	36	20	20.30	20.40	20.51
15	64QAM	36	39	20.39	20.51	20.60
15	64QAM	75	0	20.33	20.41	20.58



LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26840	26915	26990
Frequency (MHz)				829.0	836.5	844.0
10	QPSK	1	0	22.54	22.58	22.64
10	QPSK	1	25	22.79	22.75	22.82
10	QPSK	1	49	22.54	22.57	22.64
10	QPSK	25	0	21.54	21.55	21.66
10	QPSK	25	12	21.59	21.55	21.66
10	QPSK	25	25	21.57	21.57	21.61
10	QPSK	50	0	21.58	21.66	21.68
10	16QAM	1	0	22.39	22.38	22.41
10	16QAM	1	25	22.09	22.12	22.20
10	16QAM	1	49	22.06	22.09	22.10
10	16QAM	25	0	20.47	20.45	20.56
10	16QAM	25	12	20.63	20.67	20.69
10	16QAM	25	25	20.57	20.60	20.69
10	16QAM	50	0	20.68	20.63	20.69
10	64QAM	1	0	22.04	21.98	22.08
10	64QAM	1	25	21.93	21.95	21.98
10	64QAM	1	49	21.63	21.64	21.66
10	64QAM	25	0	20.60	20.55	20.62
10	64QAM	25	12	20.65	20.60	20.69
10	64QAM	25	25	20.76	20.71	20.77
10	64QAM	50	0	20.69	20.64	20.76



LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26815	26915	27015
Frequency (MHz)				826.5	836.5	846.5
5	QPSK	1	0	22.57	22.50	22.61
5	QPSK	1	12	22.45	22.46	22.55
5	QPSK	1	24	22.49	22.57	22.59
5	QPSK	12	0	21.42	21.45	21.53
5	QPSK	12	7	21.62	21.69	21.70
5	QPSK	12	13	21.53	21.53	21.59
5	QPSK	25	0	21.45	21.45	21.56
5	16QAM	1	0	22.03	22.04	22.06
5	16QAM	1	12	21.71	21.70	21.78
5	16QAM	1	24	21.78	21.75	21.85
5	16QAM	12	0	20.66	20.68	20.69
5	16QAM	12	7	20.60	20.55	20.66
5	16QAM	12	13	20.64	20.65	20.66
5	16QAM	25	0	20.47	20.45	20.49
5	64QAM	1	0	21.64	21.63	21.75
5	64QAM	1	12	21.67	21.63	21.71
5	64QAM	1	24	21.49	21.58	21.60
5	64QAM	12	0	20.61	20.60	20.71
5	64QAM	12	7	20.68	20.74	20.76
5	64QAM	12	13	20.72	20.77	20.81
5	64QAM	25	0	20.55	20.59	20.67



LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26805	26915	27025
Frequency (MHz)				825.5	836.5	847.5
3	QPSK	1	0	22.41	22.44	22.50
3	QPSK	1	8	22.51	22.56	22.61
3	QPSK	1	14	22.49	22.49	22.53
3	QPSK	8	0	21.53	21.56	21.58
3	QPSK	8	4	21.67	21.64	21.73
3	QPSK	8	7	21.51	21.56	21.57
3	QPSK	15	0	21.66	21.65	21.70
3	16QAM	1	0	22.04	22.01	22.09
3	16QAM	1	8	21.93	21.89	21.95
3	16QAM	1	14	21.77	21.78	21.85
3	16QAM	8	0	20.58	20.56	20.64
3	16QAM	8	4	20.57	20.59	20.61
3	16QAM	8	7	20.74	20.69	20.81
3	16QAM	15	0	20.76	20.69	20.79
3	64QAM	1	0	21.50	21.59	21.60
3	64QAM	1	8	21.79	21.84	21.88
3	64QAM	1	14	21.48	21.45	21.56
3	64QAM	8	0	20.47	20.44	20.55
3	64QAM	8	4	20.64	20.65	20.74
3	64QAM	8	7	20.49	20.49	20.61
3	64QAM	15	0	20.52	20.47	20.56



LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26797	26915	27033
Frequency (MHz)				824.7	836.5	848.3
1.4	QPSK	1	0	22.33	22.41	22.45
1.4	QPSK	1	3	22.51	22.45	22.56
1.4	QPSK	1	5	22.38	22.41	22.48
1.4	QPSK	3	0	21.50	21.42	21.53
1.4	QPSK	3	1	21.59	21.64	21.68
1.4	QPSK	3	3	21.51	21.40	21.52
1.4	QPSK	6	0	21.55	21.61	21.65
1.4	16QAM	1	0	22.00	21.92	22.04
1.4	16QAM	1	3	21.85	21.86	21.90
1.4	16QAM	1	5	21.77	21.74	21.80
1.4	16QAM	3	0	20.49	20.51	20.59
1.4	16QAM	3	1	20.49	20.44	20.56
1.4	16QAM	3	3	20.72	20.74	20.76
1.4	16QAM	6	0	20.68	20.65	20.74
1.4	64QAM	1	0	21.69	21.67	21.73
1.4	64QAM	1	3	21.46	21.51	21.58
1.4	64QAM	1	5	21.54	21.52	21.57
1.4	64QAM	3	0	20.44	20.51	20.52
1.4	64QAM	3	1	20.62	20.70	20.71
1.4	64QAM	3	3	20.47	20.50	20.58
1.4	64QAM	6	0	20.48	20.50	20.53





LTE Band 38						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				37850	38000	38150
Frequency (MHz)				2580	2595	2610
20	QPSK	1	0	22.49	22.85	22.50
20	QPSK	1	49	22.51	22.61	22.55
20	QPSK	1	99	22.53	22.49	22.45
20	QPSK	50	0	21.51	21.61	21.58
20	QPSK	50	24	21.59	21.58	21.55
20	QPSK	50	50	21.56	21.53	21.51
20	QPSK	100	0	21.48	21.58	21.51
20	16QAM	1	0	21.75	22.00	21.84
20	16QAM	1	49	21.68	21.97	22.06
20	16QAM	1	99	21.58	21.59	21.57
20	16QAM	50	0	20.53	20.57	20.46
20	16QAM	50	24	20.65	20.65	20.59
20	16QAM	50	50	20.49	20.63	20.55
20	16QAM	100	0	20.60	20.46	20.62
20	64QAM	1	0	21.65	21.85	21.46
20	64QAM	1	49	21.40	21.55	21.76
20	64QAM	1	99	21.60	21.58	21.39
20	64QAM	50	0	20.47	20.59	20.52
20	64QAM	50	24	20.59	20.63	20.58
20	64QAM	50	50	20.41	20.58	20.52
20	64QAM	100	0	20.58	20.62	20.41



LTE Band 38						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				37825	38000	38175
Frequency (MHz)				2577.5	2595	2612.5
15	QPSK	1	0	22.39	22.68	22.56
15	QPSK	1	37	22.52	22.53	22.54
15	QPSK	1	74	22.37	22.46	22.36
15	QPSK	36	0	21.38	21.50	21.49
15	QPSK	36	20	21.56	21.59	21.56
15	QPSK	36	39	21.45	21.56	21.43
15	QPSK	75	0	21.54	21.50	21.41
15	16QAM	1	0	21.82	21.84	21.58
15	16QAM	1	37	21.79	21.84	22.06
15	16QAM	1	74	21.56	21.98	21.71
15	16QAM	36	0	20.37	20.55	20.44
15	16QAM	36	20	20.60	20.51	20.56
15	16QAM	36	39	20.50	20.64	20.52
15	16QAM	75	0	20.48	20.55	20.50
15	64QAM	1	0	22.05	21.77	21.93
15	64QAM	1	37	21.83	21.71	21.81
15	64QAM	1	74	21.76	21.78	21.66
15	64QAM	36	0	20.46	20.52	20.60
15	64QAM	36	20	20.60	20.44	20.61
15	64QAM	36	39	20.51	20.53	20.49
15	64QAM	75	0	20.48	20.52	20.47



LTE Band 38						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				37800	38000	38200
Frequency (MHz)				2575	2595	2615
10	QPSK	1	0	22.42	22.77	22.65
10	QPSK	1	25	22.69	22.68	22.64
10	QPSK	1	49	22.61	22.69	22.65
10	QPSK	25	0	22.07	21.79	21.76
10	QPSK	25	12	22.08	21.77	21.83
10	QPSK	25	25	21.67	21.70	21.75
10	QPSK	50	0	21.71	21.64	21.71
10	16QAM	1	0	22.01	21.91	22.14
10	16QAM	1	25	22.11	21.92	21.85
10	16QAM	1	49	21.86	22.00	21.94
10	16QAM	25	0	20.82	20.68	20.69
10	16QAM	25	12	20.66	20.69	20.70
10	16QAM	25	25	20.77	20.78	20.73
10	16QAM	50	0	20.68	20.60	20.69
10	64QAM	1	0	21.58	21.82	21.56
10	64QAM	1	25	21.82	21.72	21.91
10	64QAM	1	49	21.81	21.76	21.50
10	64QAM	25	0	20.56	20.67	20.63
10	64QAM	25	12	20.80	20.75	20.61
10	64QAM	25	25	20.67	20.68	20.72
10	64QAM	50	0	20.71	20.76	20.65



LTE Band 38						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				37775	38000	38225
Frequency (MHz)				2572.5	2595	2617.5
5	QPSK	1	0	22.61	22.79	22.50
5	QPSK	1	12	22.74	22.76	22.43
5	QPSK	1	24	22.37	22.38	22.64
5	QPSK	12	0	21.44	21.53	21.64
5	QPSK	12	7	21.66	21.64	21.58
5	QPSK	12	13	21.58	21.62	21.56
5	QPSK	25	0	21.57	21.54	21.55
5	16QAM	1	0	21.97	21.80	21.90
5	16QAM	1	12	22.03	22.04	22.05
5	16QAM	1	24	21.79	21.83	21.66
5	16QAM	12	0	20.51	20.62	20.62
5	16QAM	12	7	20.65	20.59	20.66
5	16QAM	12	13	20.64	20.65	20.72
5	16QAM	25	0	20.54	20.64	20.63
5	64QAM	1	0	21.96	21.60	21.59
5	64QAM	1	12	21.48	21.94	21.67
5	64QAM	1	24	21.83	21.69	21.88
5	64QAM	12	0	20.73	20.69	20.67
5	64QAM	12	7	20.63	20.60	20.70
5	64QAM	12	13	20.60	20.72	20.61
5	64QAM	25	0	20.55	20.64	20.65



LTE Band 40, Block A						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				/	38750	/
Frequency (MHz)				/	2310	/
10	QPSK	1	0	/	22.83	/
10	QPSK	1	25	/	22.73	/
10	QPSK	1	49	/	22.52	/
10	QPSK	25	0	/	21.64	/
10	QPSK	25	12	/	21.6	/
10	QPSK	25	25	/	21.61	/
10	QPSK	50	0	/	21.57	/
10	16QAM	1	0	/	22.46	/
10	16QAM	1	25	/	22.44	/
10	16QAM	1	49	/	22.12	/
10	16QAM	25	0	/	20.67	/
10	16QAM	25	12	/	20.69	/
10	16QAM	25	25	/	20.59	/
10	16QAM	50	0	/	20.57	/
10	64QAM	1	0	/	21.59	/
10	64QAM	1	25	/	21.84	/
10	64QAM	1	49	/	21.82	/
10	64QAM	25	0	/	20.7	/
10	64QAM	25	12	/	20.61	/
10	64QAM	25	25	/	20.62	/
10	64QAM	50	0	/	20.61	/



LTE Band 40, Block A						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				38725	38750	38775
Frequency (MHz)				2307.5	2310	2312.5
5	QPSK	1	0	22.63	22.69	22.65
5	QPSK	1	12	22.68	22.55	22.64
5	QPSK	1	24	22.52	22.49	22.46
5	QPSK	12	0	21.57	21.52	21.58
5	QPSK	12	7	21.60	21.64	21.56
5	QPSK	12	13	21.61	21.58	21.60
5	QPSK	25	0	21.57	21.58	21.62
5	16QAM	1	0	22.32	22.31	22.46
5	16QAM	1	12	22.44	21.83	21.74
5	16QAM	1	24	22.12	21.80	21.82
5	16QAM	12	0	20.67	20.51	20.65
5	16QAM	12	7	20.69	20.61	20.78
5	16QAM	12	13	20.59	20.72	20.72
5	16QAM	25	0	20.57	20.76	20.65
5	64QAM	1	0	21.86	21.76	21.79
5	64QAM	1	12	21.84	21.80	21.50
5	64QAM	1	24	21.82	21.66	21.64
5	64QAM	12	0	20.70	20.56	20.75
5	64QAM	12	7	20.61	20.72	20.74
5	64QAM	12	13	20.62	20.64	20.65
5	64QAM	25	0	20.61	20.68	20.69



LTE Band 40, Block B						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				/	39200	/
Frequency (MHz)				/	2355	/
10	QPSK	1	0	/	22.93	/
10	QPSK	1	25	/	22.82	/
10	QPSK	1	49	/	22.66	/
10	QPSK	25	0	/	21.79	/
10	QPSK	25	12	/	21.75	/
10	QPSK	25	25	/	21.71	/
10	QPSK	50	0	/	21.75	/
10	16QAM	1	0	/	22.04	/
10	16QAM	1	25	/	21.99	/
10	16QAM	1	49	/	21.95	/
10	16QAM	25	0	/	20.77	/
10	16QAM	25	12	/	20.82	/
10	16QAM	25	25	/	20.84	/
10	16QAM	50	0	/	20.70	/
10	64QAM	1	0	/	21.88	/
10	64QAM	1	25	/	21.96	/
10	64QAM	1	49	/	21.94	/
10	64QAM	25	0	/	20.69	/
10	64QAM	25	12	/	21.00	/
10	64QAM	25	25	/	20.82	/
10	64QAM	50	0	/	20.83	/



LTE Band 40, Block B						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39175	39200	39225
Frequency (MHz)				2352.5	2355	2357.5
5	QPSK	1	0	22.85	22.86	22.76
5	QPSK	1	12	22.79	22.88	22.71
5	QPSK	1	24	22.67	22.72	22.81
5	QPSK	12	0	21.78	21.83	21.83
5	QPSK	12	7	21.84	21.81	21.80
5	QPSK	12	13	21.83	21.77	21.87
5	QPSK	25	0	21.74	21.81	21.79
5	16QAM	1	0	22.06	22.10	22.14
5	16QAM	1	12	21.79	22.05	22.02
5	16QAM	1	24	22.03	22.01	22.04
5	16QAM	12	0	20.82	20.83	20.83
5	16QAM	12	7	20.99	20.88	20.90
5	16QAM	12	13	20.91	20.90	20.83
5	16QAM	25	0	20.80	20.76	20.81
5	64QAM	1	0	22.14	21.94	21.67
5	64QAM	1	12	21.99	22.02	21.92
5	64QAM	1	24	21.61	22.00	21.88
5	64QAM	12	0	20.56	20.75	20.77
5	64QAM	12	7	20.84	21.06	20.94
5	64QAM	12	13	20.91	20.88	21.02
5	64QAM	25	0	20.97	20.89	20.69





LTE Band 41						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39750	40620	41490
Frequency (MHz)				2506	2593	2680
20	QPSK	1	0	22.19	22.39	22.01
20	QPSK	1	49	22.10	22.18	21.90
20	QPSK	1	99	22.01	22.08	21.93
20	QPSK	50	0	21.06	21.27	20.98
20	QPSK	50	24	21.15	21.07	20.99
20	QPSK	50	50	21.07	21.16	20.97
20	QPSK	100	0	21.11	21.25	20.96
20	16QAM	1	0	21.39	21.37	21.44
20	16QAM	1	49	21.23	21.68	21.57
20	16QAM	1	99	21.26	21.22	21.49
20	16QAM	50	0	20.16	20.06	20.06
20	16QAM	50	24	20.19	20.06	19.97
20	16QAM	50	50	20.12	20.23	19.91
20	16QAM	100	0	20.12	20.10	19.86
20	64QAM	1	0	21.03	21.43	20.92
20	64QAM	1	49	20.85	21.36	21.02
20	64QAM	1	99	21.08	21.08	20.91
20	64QAM	50	0	20.11	20.14	19.95
20	64QAM	50	24	20.15	20.06	19.91
20	64QAM	50	50	20.18	20.07	19.94
20	64QAM	100	0	20.21	20.07	19.83



LTE Band 41						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39725	40620	41515
Frequency (MHz)				2503.5	2593	2682.5
15	QPSK	1	0	21.77	22.12	21.93
15	QPSK	1	37	22.06	21.98	21.90
15	QPSK	1	74	21.97	21.97	21.68
15	QPSK	36	0	21.01	21.05	20.99
15	QPSK	36	20	21.12	21.09	20.97
15	QPSK	36	39	21.03	21.08	21.00
15	QPSK	75	0	21.08	21.12	21.06
15	16QAM	1	0	21.11	21.42	21.25
15	16QAM	1	37	21.24	21.54	21.12
15	16QAM	1	74	21.29	21.41	21.30
15	16QAM	36	0	19.98	20.05	20.11
15	16QAM	36	20	20.13	20.22	19.97
15	16QAM	36	39	19.98	20.12	19.98
15	16QAM	75	0	20.06	20.08	19.96
15	64QAM	1	0	21.36	21.24	21.23
15	64QAM	1	37	21.07	20.87	21.20
15	64QAM	1	74	20.78	21.42	20.88
15	64QAM	36	0	20.07	20.09	20.03
15	64QAM	36	20	20.06	20.28	20.00
15	64QAM	36	39	20.10	20.17	19.95
15	64QAM	75	0	20.12	20.05	20.02



LTE Band 41						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39700	40620	41540
Frequency (MHz)				2501	2593	2685
10	QPSK	1	0	22.19	22.36	22.18
10	QPSK	1	25	22.29	22.28	22.14
10	QPSK	1	49	22.14	22.16	21.97
10	QPSK	25	0	21.22	21.31	21.11
10	QPSK	25	12	21.29	21.21	21.08
10	QPSK	25	25	21.27	21.32	21.11
10	QPSK	50	0	21.30	21.29	21.20
10	16QAM	1	0	21.70	21.58	21.52
10	16QAM	1	25	21.75	21.41	21.15
10	16QAM	1	49	21.56	21.50	21.33
10	16QAM	25	0	20.15	20.31	20.22
10	16QAM	25	12	20.28	20.31	20.25
10	16QAM	25	25	20.26	20.25	20.22
10	16QAM	50	0	20.34	20.30	20.20
10	64QAM	1	0	21.48	21.21	21.47
10	64QAM	1	25	21.55	21.27	21.37
10	64QAM	1	49	21.36	21.26	21.31
10	64QAM	25	0	20.26	20.25	20.11
10	64QAM	25	12	20.22	20.25	20.13
10	64QAM	25	25	20.32	20.26	20.18
10	64QAM	50	0	20.22	20.17	20.20



LTE Band 41						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39675	40620	41565
Frequency (MHz)				2498.5	2593	2687.5
5	QPSK	1	0	22.15	22.37	22.17
5	QPSK	1	12	22.25	22.27	22.30
5	QPSK	1	24	22.20	22.13	22.11
5	QPSK	12	0	21.24	21.18	21.12
5	QPSK	12	7	21.35	21.27	21.09
5	QPSK	12	13	21.18	21.26	21.12
5	QPSK	25	0	21.22	21.27	21.12
5	16QAM	1	0	21.22	21.58	21.46
5	16QAM	1	12	21.63	21.77	21.67
5	16QAM	1	24	21.56	21.57	21.29
5	16QAM	12	0	20.30	20.37	20.03
5	16QAM	12	7	20.45	20.37	20.16
5	16QAM	12	13	20.17	20.34	20.11
5	16QAM	25	0	20.23	20.28	20.24
5	64QAM	1	0	21.44	21.25	21.61
5	64QAM	1	12	21.22	21.63	21.35
5	64QAM	1	24	21.44	21.50	21.26
5	64QAM	12	0	20.38	20.30	20.17
5	64QAM	12	7	20.36	20.23	20.08
5	64QAM	12	13	20.28	20.41	20.20
5	64QAM	25	0	20.37	20.21	20.14



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				132072	132322	132572
Frequency (MHz)				1720	1745	1770
20	QPSK	1	0	22.71	22.92	22.67
20	QPSK	1	49	22.59	22.57	22.65
20	QPSK	1	99	22.54	22.77	22.62
20	QPSK	50	0	21.70	21.92	21.66
20	QPSK	50	24	21.75	21.78	21.71
20	QPSK	50	50	21.69	21.75	21.75
20	QPSK	100	0	21.76	21.86	21.66
20	16QAM	1	0	22.09	22.28	21.97
20	16QAM	1	49	21.97	22.10	22.00
20	16QAM	1	99	22.00	22.13	21.90
20	16QAM	50	0	20.67	20.79	20.78
20	16QAM	50	24	20.78	20.75	20.85
20	16QAM	50	50	20.77	20.84	20.64
20	16QAM	100	0	20.76	20.68	20.64
20	64QAM	1	0	21.39	21.71	21.59
20	64QAM	1	49	21.47	21.70	21.42
20	64QAM	1	99	21.39	21.38	21.59
20	64QAM	50	0	20.31	20.29	20.37
20	64QAM	50	24	20.33	20.40	20.24
20	64QAM	50	50	20.31	20.40	20.31
20	64QAM	100	0	20.35	20.23	20.36



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				132047	132322	132597
Frequency (MHz)				1717.5	1745	1772.5
15	QPSK	1	0	22.66	22.81	22.74
15	QPSK	1	37	22.72	22.60	22.69
15	QPSK	1	74	22.52	22.69	22.71
15	QPSK	36	0	21.66	21.98	21.68
15	QPSK	36	20	21.72	21.66	21.77
15	QPSK	36	39	21.72	21.79	21.66
15	QPSK	75	0	21.72	21.80	21.67
15	16QAM	1	0	21.88	22.01	22.08
15	16QAM	1	37	21.97	21.75	21.97
15	16QAM	1	74	21.84	21.78	21.89
15	16QAM	36	0	20.72	20.76	20.54
15	16QAM	36	20	20.76	20.74	20.80
15	16QAM	36	39	20.80	20.86	20.76
15	16QAM	75	0	20.72	20.65	20.79
15	64QAM	1	0	21.40	21.46	21.37
15	64QAM	1	37	21.26	21.32	21.22
15	64QAM	1	74	21.42	21.03	21.35
15	64QAM	36	0	20.22	20.33	20.33
15	64QAM	36	20	20.41	20.35	20.46
15	64QAM	36	39	20.48	20.36	20.28
15	64QAM	75	0	20.35	20.37	20.50



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				132022	132322	132622
Frequency (MHz)				1715	1745	1775
10	QPSK	1	0	22.65	22.86	22.61
10	QPSK	1	25	22.53	22.51	22.59
10	QPSK	1	49	22.48	22.71	22.56
10	QPSK	25	0	21.64	21.88	21.60
10	QPSK	25	12	21.69	21.72	21.65
10	QPSK	25	25	21.63	21.69	21.69
10	QPSK	50	0	21.70	21.54	21.60
10	16QAM	1	0	22.03	22.22	21.91
10	16QAM	1	25	21.91	22.04	21.94
10	16QAM	1	49	21.94	22.07	21.84
10	16QAM	25	0	20.61	20.73	20.72
10	16QAM	25	12	20.72	20.69	20.79
10	16QAM	25	25	20.71	20.78	20.58
10	16QAM	50	0	20.70	20.62	20.58
10	64QAM	1	0	21.33	21.65	21.53
10	64QAM	1	25	21.41	21.64	21.36
10	64QAM	1	49	21.33	21.32	21.53
10	64QAM	25	0	20.25	20.23	20.31
10	64QAM	25	12	20.27	20.34	20.18
10	64QAM	25	25	20.25	20.34	20.25
10	64QAM	50	0	20.29	20.17	20.30



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				131997	132322	132647
Frequency (MHz)				1712.5	1745	1777.5
5	QPSK	1	0	22.60	22.78	22.68
5	QPSK	1	12	22.66	22.54	22.63
5	QPSK	1	24	22.46	22.63	22.65
5	QPSK	12	0	21.60	21.82	21.62
5	QPSK	12	7	21.66	21.60	21.71
5	QPSK	12	13	21.66	21.73	21.60
5	QPSK	25	0	21.66	21.74	21.61
5	16QAM	1	0	21.82	21.95	22.02
5	16QAM	1	12	21.91	21.69	21.91
5	16QAM	1	24	21.78	21.72	21.83
5	16QAM	12	0	20.66	20.70	20.48
5	16QAM	12	7	20.70	20.68	20.74
5	16QAM	12	13	20.74	20.80	20.70
5	16QAM	25	0	20.66	20.59	20.73
5	64QAM	1	0	21.34	21.40	21.31
5	64QAM	1	12	21.20	21.26	21.16
5	64QAM	1	24	21.36	20.97	21.29
5	64QAM	12	0	20.16	20.27	20.27
5	64QAM	12	7	20.35	20.29	20.40
5	64QAM	12	13	20.42	20.30	20.22
5	64QAM	25	0	20.29	20.31	20.44





LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				131987	132322	132657
Frequency (MHz)				1711.5	1745	1778.5
3	QPSK	1	0	22.64	22.85	22.60
3	QPSK	1	8	22.52	22.50	22.58
3	QPSK	1	14	22.47	22.70	22.55
3	QPSK	8	0	21.63	21.65	21.59
3	QPSK	8	4	21.68	21.71	21.64
3	QPSK	8	7	21.62	21.68	21.68
3	QPSK	15	0	21.69	21.53	21.59
3	16QAM	1	0	22.02	22.21	21.90
3	16QAM	1	8	21.90	22.03	21.93
3	16QAM	1	14	21.93	22.06	21.83
3	16QAM	8	0	20.60	20.72	20.71
3	16QAM	8	4	20.71	20.68	20.78
3	16QAM	8	7	20.70	20.77	20.57
3	16QAM	15	0	20.69	20.61	20.57
3	64QAM	1	0	21.32	21.64	21.52
3	64QAM	1	8	21.40	21.63	21.35
3	64QAM	1	14	21.32	21.31	21.52
3	64QAM	8	0	20.24	20.22	20.30
3	64QAM	8	4	20.26	20.33	20.17
3	64QAM	8	7	20.24	20.33	20.24
3	64QAM	15	0	20.28	20.16	20.29



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				131979	132322	132665
Frequency (MHz)				1710.7	1745	1779.3
1.4	QPSK	1	0	22.62	22.83	22.58
1.4	QPSK	1	3	22.50	22.48	22.56
1.4	QPSK	1	5	22.45	22.68	22.53
1.4	QPSK	3	0	21.61	21.63	21.57
1.4	QPSK	3	1	21.66	21.69	21.62
1.4	QPSK	3	3	21.60	21.66	21.66
1.4	QPSK	6	0	21.67	21.51	21.57
1.4	16QAM	1	0	22.00	22.19	21.88
1.4	16QAM	1	3	21.88	22.01	21.91
1.4	16QAM	1	5	21.91	22.04	21.81
1.4	16QAM	3	0	20.58	20.70	20.69
1.4	16QAM	3	1	20.69	20.66	20.76
1.4	16QAM	3	3	20.68	20.75	20.55
1.4	16QAM	6	0	20.67	20.59	20.55
1.4	64QAM	1	0	21.30	21.62	21.50
1.4	64QAM	1	3	21.38	21.61	21.33
1.4	64QAM	1	5	21.30	21.29	21.50
1.4	64QAM	3	0	20.22	20.20	20.28
1.4	64QAM	3	1	20.24	20.31	20.15
1.4	64QAM	3	3	20.22	20.31	20.22
1.4	64QAM	6	0	20.26	20.14	20.27



**Effective Radiated Power and Effective Isotropic Radiated Power:**

LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18700		18900		19100	
Frequency (MHz)				1860		1880		1900	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	22.25	0.168	22.51	0.178	22.46	0.176
20	QPSK	1	49	22.23	0.167	22.35	0.172	22.42	0.175
20	QPSK	1	99	22.22	0.167	22.18	0.165	22.23	0.167
20	QPSK	50	0	21.34	0.136	21.51	0.142	21.38	0.137
20	QPSK	50	24	21.26	0.134	21.33	0.136	21.3	0.135
20	QPSK	50	50	21.30	0.135	21.24	0.133	21.39	0.138
20	QPSK	100	0	21.27	0.134	21.39	0.138	21.31	0.135
20	16QAM	1	0	21.75	0.150	21.82	0.152	21.79	0.151
20	16QAM	1	49	21.62	0.145	21.52	0.142	21.68	0.147
20	16QAM	1	99	21.51	0.142	21.56	0.143	21.71	0.148
20	16QAM	50	0	20.23	0.105	20.18	0.104	20.27	0.106
20	16QAM	50	24	20.25	0.106	20.34	0.108	20.4	0.110
20	16QAM	50	50	20.25	0.106	20.31	0.107	20.37	0.109
20	16QAM	100	0	20.28	0.107	20.36	0.109	20.3	0.107
20	64QAM	1	0	21.62	0.145	21.82	0.152	21.62	0.145
20	64QAM	1	49	21.51	0.142	21.62	0.145	21.79	0.151
20	64QAM	1	99	21.53	0.142	21.44	0.139	21.54	0.143
20	64QAM	50	0	20.42	0.110	20.52	0.113	20.56	0.114
20	64QAM	50	24	20.53	0.113	20.55	0.114	20.55	0.114
20	64QAM	50	50	20.46	0.111	20.58	0.114	20.67	0.117
20	64QAM	100	0	20.53	0.113	20.55	0.114	20.63	0.116



LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18675		18900		19125	
Frequency (MHz)				1857.5		1880		1902.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	22.08	0.161	22.48	0.177	22.15	0.164
15	QPSK	1	37	22.13	0.163	22.30	0.170	22.25	0.168
15	QPSK	1	74	22.08	0.161	22.16	0.164	22.20	0.166
15	QPSK	36	0	21.11	0.129	21.46	0.140	21.24	0.133
15	QPSK	36	20	21.20	0.132	21.33	0.136	21.22	0.132
15	QPSK	36	39	21.28	0.134	21.25	0.133	21.33	0.136
15	QPSK	75	0	21.28	0.134	21.34	0.136	21.31	0.135
15	16QAM	1	0	21.67	0.147	21.74	0.149	21.64	0.146
15	16QAM	1	37	21.54	0.143	21.44	0.139	21.60	0.145
15	16QAM	1	74	21.43	0.139	21.48	0.141	21.63	0.146
15	16QAM	36	0	20.25	0.106	20.19	0.104	20.31	0.107
15	16QAM	36	20	20.24	0.106	20.34	0.108	20.32	0.108
15	16QAM	36	39	20.23	0.105	20.22	0.105	20.37	0.109
15	16QAM	75	0	20.16	0.104	20.24	0.106	20.31	0.107
15	64QAM	1	0	21.66	0.147	21.53	0.142	21.50	0.141
15	64QAM	1	37	21.53	0.142	21.51	0.142	21.63	0.146
15	64QAM	1	74	21.40	0.138	21.60	0.145	21.45	0.140
15	64QAM	36	0	20.24	0.106	20.24	0.106	20.26	0.106
15	64QAM	36	20	20.37	0.109	20.30	0.107	20.28	0.107
15	64QAM	36	39	20.20	0.105	20.26	0.106	20.24	0.106
15	64QAM	75	0	20.30	0.107	20.28	0.107	20.30	0.107



LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18650		18900		19150	
Frequency (MHz)				1855		1880		1905	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	22.23	0.167	22.46	0.176	22.42	0.175
10	QPSK	1	25	22.15	0.164	22.28	0.169	22.45	0.176
10	QPSK	1	49	22.19	0.166	22.19	0.166	22.24	0.167
10	QPSK	25	0	21.29	0.135	21.40	0.138	21.36	0.137
10	QPSK	25	12	21.37	0.137	21.33	0.136	21.36	0.137
10	QPSK	25	25	21.35	0.136	21.41	0.138	21.41	0.138
10	QPSK	50	0	21.37	0.137	21.39	0.138	21.33	0.136
10	16QAM	1	0	21.55	0.143	21.88	0.154	21.71	0.148
10	16QAM	1	25	21.85	0.153	21.72	0.149	21.71	0.148
10	16QAM	1	49	21.65	0.146	21.90	0.155	21.89	0.155
10	16QAM	25	0	20.34	0.108	20.38	0.109	20.47	0.111
10	16QAM	25	12	20.36	0.109	20.43	0.110	20.62	0.115
10	16QAM	25	25	20.40	0.110	20.31	0.107	20.50	0.112
10	16QAM	50	0	20.33	0.108	20.40	0.110	20.45	0.111
10	64QAM	1	0	21.35	0.136	21.39	0.138	21.57	0.144
10	64QAM	1	25	21.46	0.140	21.47	0.140	21.62	0.145
10	64QAM	1	49	21.34	0.136	21.30	0.135	21.34	0.136
10	64QAM	25	0	20.36	0.109	20.40	0.110	20.45	0.111
10	64QAM	25	12	20.51	0.112	20.44	0.111	20.57	0.114
10	64QAM	25	25	20.39	0.109	20.37	0.109	20.41	0.110
10	64QAM	50	0	20.40	0.110	20.45	0.111	20.54	0.113



LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18625		18900		19175	
Frequency (MHz)				1852.5		1880		1907.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	22.13	0.163	22.39	0.173	22.34	0.171
5	QPSK	1	12	22.11	0.163	22.23	0.167	22.30	0.170
5	QPSK	1	24	22.10	0.162	22.06	0.161	22.11	0.163
5	QPSK	12	0	21.22	0.132	21.39	0.138	21.26	0.134
5	QPSK	12	7	21.14	0.130	21.31	0.135	21.28	0.134
5	QPSK	12	13	21.18	0.131	21.29	0.135	21.27	0.134
5	QPSK	25	0	21.15	0.130	21.27	0.134	21.19	0.132
5	16QAM	1	0	21.63	0.146	21.70	0.148	21.67	0.147
5	16QAM	1	12	21.50	0.141	21.40	0.138	21.56	0.143
5	16QAM	1	24	21.39	0.138	21.44	0.139	21.59	0.144
5	16QAM	12	0	20.31	0.107	20.26	0.106	20.35	0.108
5	16QAM	12	7	20.33	0.108	20.42	0.110	20.48	0.112
5	16QAM	12	13	20.33	0.108	20.39	0.109	20.45	0.111
5	16QAM	25	0	20.36	0.109	20.44	0.111	20.38	0.109
5	64QAM	1	0	21.50	0.141	21.70	0.148	21.50	0.141
5	64QAM	1	12	21.39	0.138	21.50	0.141	21.67	0.147
5	64QAM	1	24	21.41	0.138	21.32	0.136	21.42	0.139
5	64QAM	12	0	20.30	0.107	20.40	0.110	20.44	0.111
5	64QAM	12	7	20.41	0.110	20.43	0.110	20.43	0.110
5	64QAM	12	13	20.34	0.108	20.46	0.111	20.55	0.114
5	64QAM	25	0	20.41	0.110	20.43	0.110	20.51	0.112



LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18615		18900		19185	
Frequency (MHz)				1851.5		1880		1908.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	22.16	0.164	22.42	0.175	22.37	0.173
3	QPSK	1	8	22.14	0.164	22.26	0.168	22.33	0.171
3	QPSK	1	14	22.13	0.163	22.09	0.162	22.14	0.164
3	QPSK	8	0	21.25	0.133	21.42	0.139	21.29	0.135
3	QPSK	8	4	21.17	0.131	21.24	0.133	21.21	0.132
3	QPSK	8	7	21.21	0.132	21.15	0.130	21.30	0.135
3	QPSK	15	0	21.18	0.131	21.20	0.132	21.22	0.132
3	16QAM	1	0	21.66	0.147	21.73	0.149	21.70	0.148
3	16QAM	1	8	21.53	0.142	21.43	0.139	21.59	0.144
3	16QAM	1	14	21.42	0.139	21.47	0.140	21.62	0.145
3	16QAM	8	0	20.24	0.106	20.19	0.104	20.28	0.107
3	16QAM	8	4	20.26	0.106	20.35	0.108	20.41	0.110
3	16QAM	8	7	20.26	0.106	20.32	0.108	20.38	0.109
3	16QAM	15	0	20.29	0.107	20.37	0.109	20.31	0.107
3	64QAM	1	0	21.53	0.142	21.73	0.149	21.53	0.142
3	64QAM	1	8	21.42	0.139	21.53	0.142	21.70	0.148
3	64QAM	1	14	21.44	0.139	21.35	0.136	21.45	0.140
3	64QAM	8	0	20.33	0.108	20.43	0.110	20.47	0.111
3	64QAM	8	4	20.44	0.111	20.46	0.111	20.46	0.111
3	64QAM	8	7	20.37	0.109	20.49	0.112	20.58	0.114
3	64QAM	15	0	20.44	0.111	20.46	0.111	20.54	0.113



LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18607		18900		19193	
Frequency (MHz)				1850.7		1880		1909.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	22.13	0.163	22.39	0.173	22.34	0.171
1.4	QPSK	1	3	22.11	0.163	22.23	0.167	22.30	0.170
1.4	QPSK	1	5	22.10	0.162	22.06	0.161	22.11	0.163
1.4	QPSK	3	0	21.22	0.132	21.39	0.138	21.26	0.134
1.4	QPSK	3	1	21.14	0.130	21.21	0.132	21.18	0.131
1.4	QPSK	3	3	21.18	0.131	21.12	0.129	21.27	0.134
1.4	QPSK	6	0	21.15	0.130	21.17	0.131	21.19	0.132
1.4	16QAM	1	0	21.63	0.146	21.70	0.148	21.67	0.147
1.4	16QAM	1	3	21.50	0.141	21.40	0.138	21.56	0.143
1.4	16QAM	1	5	21.39	0.138	21.44	0.139	21.59	0.144
1.4	16QAM	3	0	20.21	0.105	20.16	0.104	20.25	0.106
1.4	16QAM	3	1	20.23	0.105	20.32	0.108	20.38	0.109
1.4	16QAM	3	3	20.23	0.105	20.29	0.107	20.35	0.108
1.4	16QAM	6	0	20.16	0.104	20.24	0.106	20.18	0.104
1.4	64QAM	1	0	21.50	0.141	21.70	0.148	21.50	0.141
1.4	64QAM	1	3	21.39	0.138	21.50	0.141	21.67	0.147
1.4	64QAM	1	5	21.41	0.138	21.32	0.136	21.42	0.139
1.4	64QAM	3	0	20.30	0.107	20.40	0.110	20.44	0.111
1.4	64QAM	3	1	20.41	0.110	20.43	0.110	20.43	0.110
1.4	64QAM	3	3	20.34	0.108	20.46	0.111	20.55	0.114
1.4	64QAM	6	0	20.41	0.110	20.43	0.110	20.51	0.112





LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20050		20175		20300	
Frequency (MHz)				1720		1732.5		1745	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	22.40	0.174	22.54	0.179	22.44	0.175
20	QPSK	1	49	22.30	0.170	22.40	0.174	22.38	0.173
20	QPSK	1	99	22.36	0.172	22.32	0.171	22.34	0.171
20	QPSK	50	0	21.22	0.132	21.46	0.140	21.39	0.138
20	QPSK	50	24	21.35	0.136	21.38	0.137	21.33	0.136
20	QPSK	50	50	21.30	0.135	21.19	0.132	21.36	0.137
20	QPSK	100	0	21.37	0.137	21.44	0.139	21.33	0.136
20	16QAM	1	0	21.68	0.147	21.79	0.151	21.58	0.144
20	16QAM	1	49	21.67	0.147	21.68	0.147	21.55	0.143
20	16QAM	1	99	21.53	0.142	21.57	0.144	21.53	0.142
20	16QAM	50	0	20.20	0.105	20.32	0.108	20.30	0.107
20	16QAM	50	24	20.41	0.110	20.37	0.109	20.42	0.110
20	16QAM	50	50	20.30	0.107	20.26	0.106	20.33	0.108
20	16QAM	100	0	20.41	0.110	20.24	0.106	20.25	0.106
20	64QAM	1	0	21.59	0.144	21.74	0.149	21.53	0.142
20	64QAM	1	49	21.53	0.142	21.59	0.144	21.45	0.140
20	64QAM	1	99	21.39	0.138	21.45	0.140	21.43	0.139
20	64QAM	50	0	20.29	0.107	20.35	0.108	20.33	0.108
20	64QAM	50	24	20.40	0.110	20.31	0.107	20.26	0.106
20	64QAM	50	50	20.20	0.105	20.26	0.106	20.24	0.106
20	64QAM	100	0	20.26	0.106	20.28	0.107	20.20	0.105



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20025		20175		20325	
Frequency (MHz)				1717.5		1732.5		1747.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	22.17	0.165	22.43	0.175	22.35	0.172
15	QPSK	1	37	22.24	0.167	22.32	0.171	22.24	0.167
15	QPSK	1	74	22.03	0.160	22.17	0.165	22.04	0.160
15	QPSK	36	0	21.22	0.132	21.38	0.137	21.30	0.135
15	QPSK	36	20	21.36	0.137	21.34	0.136	21.51	0.142
15	QPSK	36	39	21.26	0.134	21.17	0.131	21.21	0.132
15	QPSK	75	0	21.33	0.136	21.41	0.138	21.26	0.134
15	16QAM	1	0	21.47	0.140	21.37	0.137	21.84	0.153
15	16QAM	1	37	21.49	0.141	21.38	0.137	21.72	0.149
15	16QAM	1	74	21.37	0.137	21.42	0.139	21.61	0.145
15	16QAM	36	0	20.26	0.106	20.30	0.107	20.31	0.107
15	16QAM	36	20	20.32	0.108	20.30	0.107	20.31	0.107
15	16QAM	36	39	20.39	0.109	20.33	0.108	20.13	0.103
15	16QAM	75	0	20.27	0.106	20.26	0.106	20.33	0.108
15	64QAM	1	0	21.56	0.143	21.79	0.151	21.50	0.141
15	64QAM	1	37	21.50	0.141	21.57	0.144	21.54	0.143
15	64QAM	1	74	21.60	0.145	21.48	0.141	21.49	0.141
15	64QAM	36	0	20.41	0.110	20.29	0.107	20.24	0.106
15	64QAM	36	20	20.38	0.109	20.41	0.110	20.28	0.107
15	64QAM	36	39	20.37	0.109	20.18	0.104	20.22	0.105
15	64QAM	75	0	20.38	0.109	20.19	0.104	20.28	0.107



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20000		20175		20350	
Frequency (MHz)				1715		1732.5		1750	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	22.33	0.171	22.46	0.176	22.35	0.172
10	QPSK	1	25	22.37	0.173	22.40	0.174	22.31	0.170
10	QPSK	1	49	22.33	0.171	22.34	0.171	22.27	0.169
10	QPSK	25	0	21.47	0.140	21.39	0.138	21.48	0.141
10	QPSK	25	12	21.46	0.140	21.52	0.142	21.41	0.138
10	QPSK	25	25	21.35	0.136	21.47	0.140	21.39	0.138
10	QPSK	50	0	21.39	0.138	21.36	0.137	21.41	0.138
10	16QAM	1	0	21.53	0.142	21.83	0.152	21.62	0.145
10	16QAM	1	25	21.44	0.139	21.61	0.145	21.38	0.137
10	16QAM	1	49	21.48	0.141	21.83	0.152	21.62	0.145
10	16QAM	25	0	20.53	0.113	20.41	0.110	20.44	0.111
10	16QAM	25	12	20.48	0.112	20.50	0.112	20.41	0.110
10	16QAM	25	25	20.46	0.111	20.32	0.108	20.46	0.111
10	16QAM	50	0	20.57	0.114	20.56	0.114	20.51	0.112
10	64QAM	1	0	21.34	0.136	21.55	0.143	21.38	0.137
10	64QAM	1	25	21.40	0.138	21.44	0.139	21.66	0.147
10	64QAM	1	49	21.57	0.144	21.31	0.135	21.23	0.133
10	64QAM	25	0	20.48	0.112	20.54	0.113	20.51	0.112
10	64QAM	25	12	20.57	0.114	20.41	0.110	20.43	0.110
10	64QAM	25	25	20.43	0.110	20.42	0.110	20.57	0.114
10	64QAM	50	0	20.43	0.110	20.39	0.109	20.38	0.109



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				19975		20175		20375	
Frequency (MHz)				1712.5		1732.5		1752.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	22.33	0.171	22.42	0.175	22.33	0.171
5	QPSK	1	12	22.35	0.172	22.34	0.171	22.40	0.174
5	QPSK	1	24	22.30	0.170	22.28	0.169	22.25	0.168
5	QPSK	12	0	21.43	0.139	21.46	0.140	21.42	0.139
5	QPSK	12	7	21.45	0.140	21.45	0.140	21.39	0.138
5	QPSK	12	13	21.39	0.138	21.41	0.138	21.48	0.141
5	QPSK	25	0	21.48	0.141	21.42	0.139	21.35	0.136
5	16QAM	1	0	21.63	0.146	21.44	0.139	21.64	0.146
5	16QAM	1	12	21.62	0.145	21.51	0.142	21.40	0.138
5	16QAM	1	24	21.81	0.152	21.76	0.150	21.62	0.145
5	16QAM	12	0	20.48	0.112	20.45	0.111	20.38	0.109
5	16QAM	12	7	20.50	0.112	20.58	0.114	20.44	0.111
5	16QAM	12	13	20.47	0.111	20.40	0.110	20.42	0.110
5	16QAM	25	0	20.44	0.111	20.35	0.108	20.33	0.108
5	64QAM	1	0	21.73	0.149	21.45	0.140	21.64	0.146
5	64QAM	1	12	21.36	0.137	21.72	0.149	21.49	0.141
5	64QAM	1	24	21.41	0.138	21.29	0.135	21.49	0.141
5	64QAM	12	0	20.46	0.111	20.52	0.113	20.34	0.108
5	64QAM	12	7	20.43	0.110	20.35	0.108	20.60	0.115
5	64QAM	12	13	20.40	0.110	20.35	0.108	20.35	0.108
5	64QAM	25	0	20.43	0.110	20.45	0.111	20.35	0.108



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				19965		20175		20385	
Frequency (MHz)				1711.5		1732.5		1753.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	22.35	0.172	22.48	0.177	22.32	0.171
3	QPSK	1	8	22.41	0.174	22.47	0.177	22.27	0.169
3	QPSK	1	14	22.27	0.169	22.36	0.172	22.22	0.167
3	QPSK	8	0	21.39	0.138	21.41	0.138	21.38	0.137
3	QPSK	8	4	21.43	0.139	21.33	0.136	21.44	0.139
3	QPSK	8	7	21.41	0.138	21.54	0.143	21.33	0.136
3	QPSK	15	0	21.39	0.138	21.44	0.139	21.44	0.139
3	16QAM	1	0	21.67	0.147	21.70	0.148	21.47	0.140
3	16QAM	1	8	21.63	0.146	21.68	0.147	21.43	0.139
3	16QAM	1	14	21.73	0.149	21.41	0.138	21.58	0.144
3	16QAM	8	0	20.42	0.110	20.56	0.114	20.42	0.110
3	16QAM	8	4	20.40	0.110	20.59	0.115	20.40	0.110
3	16QAM	8	7	20.43	0.110	20.48	0.112	20.37	0.109
3	16QAM	15	0	20.48	0.112	20.43	0.110	20.36	0.109
3	64QAM	1	0	21.39	0.138	21.41	0.138	21.48	0.141
3	64QAM	1	8	21.35	0.136	21.45	0.140	21.80	0.151
3	64QAM	1	14	21.50	0.141	21.34	0.136	21.38	0.137
3	64QAM	8	0	20.40	0.110	20.47	0.111	20.58	0.114
3	64QAM	8	4	20.42	0.110	20.57	0.114	20.42	0.110
3	64QAM	8	7	20.48	0.112	20.41	0.110	20.37	0.109
3	64QAM	15	0	20.51	0.112	20.42	0.110	20.34	0.108



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				19957		20175		20393	
Frequency (MHz)				1710.7		1732.5		1754.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	22.30	0.170	22.47	0.177	22.12	0.163
1.4	QPSK	1	3	22.35	0.172	22.35	0.172	22.21	0.166
1.4	QPSK	1	5	22.25	0.168	22.23	0.167	22.14	0.164
1.4	QPSK	3	0	22.28	0.169	22.40	0.174	22.10	0.162
1.4	QPSK	3	1	22.33	0.171	22.36	0.172	22.38	0.173
1.4	QPSK	3	3	22.22	0.167	22.43	0.175	22.24	0.167
1.4	QPSK	6	0	21.34	0.136	21.38	0.137	21.25	0.133
1.4	16QAM	1	0	21.76	0.150	21.88	0.154	21.59	0.144
1.4	16QAM	1	3	21.71	0.148	21.87	0.154	21.49	0.141
1.4	16QAM	1	5	21.43	0.139	21.90	0.155	21.71	0.148
1.4	16QAM	3	0	21.51	0.142	21.36	0.137	21.45	0.140
1.4	16QAM	3	1	21.42	0.139	21.60	0.145	21.36	0.137
1.4	16QAM	3	3	21.64	0.146	21.44	0.139	21.46	0.140
1.4	16QAM	6	0	20.43	0.110	20.58	0.114	20.21	0.105
1.4	64QAM	1	0	21.67	0.147	21.49	0.141	21.79	0.151
1.4	64QAM	1	3	21.66	0.147	21.45	0.140	21.80	0.151
1.4	64QAM	1	5	21.40	0.138	21.50	0.141	21.49	0.141
1.4	64QAM	3	0	21.31	0.135	21.33	0.136	21.31	0.135
1.4	64QAM	3	1	21.37	0.137	21.64	0.146	21.30	0.135
1.4	64QAM	3	3	21.61	0.145	21.42	0.139	21.40	0.138
1.4	64QAM	6	0	20.41	0.110	20.45	0.111	20.18	0.104



LTE Band 5				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20450		20525		20600	
Frequency (MHz)				829		836.5		844	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	19.14	0.082	19.38	0.087	19.32	0.086
10	QPSK	1	25	19.02	0.080	19.32	0.086	19.20	0.083
10	QPSK	1	49	19.10	0.081	19.13	0.082	19.00	0.079
10	QPSK	25	0	18.12	0.065	18.31	0.068	18.19	0.066
10	QPSK	25	12	18.25	0.067	18.16	0.065	18.13	0.065
10	QPSK	25	25	18.27	0.067	18.21	0.066	18.28	0.067
10	QPSK	50	0	18.17	0.066	18.27	0.067	18.10	0.065
10	16QAM	1	0	18.72	0.074	18.73	0.075	18.62	0.073
10	16QAM	1	25	18.72	0.074	18.44	0.070	18.41	0.069
10	16QAM	1	49	18.44	0.070	18.50	0.071	18.55	0.072
10	16QAM	25	0	17.25	0.053	17.18	0.052	17.15	0.052
10	16QAM	25	12	17.33	0.054	17.23	0.053	17.27	0.053
10	16QAM	25	25	17.22	0.053	17.22	0.053	17.22	0.053
10	16QAM	50	0	17.34	0.054	17.21	0.053	17.21	0.053
10	64QAM	1	0	18.45	0.070	18.55	0.072	18.47	0.070
10	64QAM	1	25	18.37	0.069	18.17	0.066	18.38	0.069
10	64QAM	1	49	18.26	0.067	18.49	0.071	18.34	0.068
10	64QAM	25	0	17.14	0.052	17.30	0.054	17.13	0.052
10	64QAM	25	12	17.32	0.054	17.27	0.053	17.25	0.053
10	64QAM	25	25	17.26	0.053	17.19	0.052	17.29	0.054
10	64QAM	50	0	17.29	0.054	17.30	0.054	17.15	0.052



LTE Band 5				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20425		20525		20625	
Frequency (MHz)				826.5		836.5		846.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	19.19	0.083	19.25	0.084	19.17	0.083
5	QPSK	1	12	19.12	0.082	19.21	0.083	19.22	0.084
5	QPSK	1	24	19.13	0.082	19.16	0.082	19.13	0.082
5	QPSK	12	0	18.12	0.065	18.20	0.066	18.22	0.066
5	QPSK	12	7	18.16	0.065	18.16	0.065	18.23	0.067
5	QPSK	12	13	18.22	0.066	18.20	0.066	18.25	0.067
5	QPSK	25	0	18.22	0.066	18.13	0.065	18.26	0.067
5	16QAM	1	0	18.76	0.075	18.27	0.067	18.66	0.073
5	16QAM	1	12	18.53	0.071	18.14	0.065	18.72	0.074
5	16QAM	1	24	18.50	0.071	18.62	0.073	17.92	0.062
5	16QAM	12	0	17.14	0.052	17.05	0.051	17.23	0.053
5	16QAM	12	7	17.36	0.054	17.18	0.052	17.34	0.054
5	16QAM	12	13	17.27	0.053	17.28	0.053	17.25	0.053
5	16QAM	25	0	17.16	0.052	17.21	0.053	17.19	0.052
5	64QAM	1	0	18.20	0.066	18.51	0.071	18.64	0.073
5	64QAM	1	12	17.87	0.061	18.40	0.069	18.13	0.065
5	64QAM	1	24	18.46	0.070	18.58	0.072	18.31	0.068
5	64QAM	12	0	17.27	0.053	17.31	0.054	17.19	0.052
5	64QAM	12	7	17.30	0.054	17.21	0.053	17.29	0.054
5	64QAM	12	13	17.23	0.053	17.15	0.052	17.15	0.052
5	64QAM	25	0	17.26	0.053	17.17	0.052	17.08	0.051





LTE Band 5				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20415		20525		20635	
Frequency (MHz)				825.5		836.5		847.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	19.15	0.082	19.23	0.084	19.12	0.082
3	QPSK	1	8	19.03	0.080	19.20	0.083	19.16	0.082
3	QPSK	1	14	19.07	0.081	19.19	0.083	19.07	0.081
3	QPSK	8	0	18.19	0.066	18.14	0.065	18.21	0.066
3	QPSK	8	4	18.22	0.066	18.28	0.067	18.25	0.067
3	QPSK	8	7	18.18	0.066	18.23	0.067	18.22	0.066
3	QPSK	15	0	18.18	0.066	18.13	0.065	18.28	0.067
3	16QAM	1	0	18.45	0.070	19.00	0.079	18.72	0.074
3	16QAM	1	8	18.53	0.071	18.31	0.068	18.45	0.070
3	16QAM	1	14	18.08	0.064	18.32	0.068	18.33	0.068
3	16QAM	8	0	17.36	0.054	17.30	0.054	17.26	0.053
3	16QAM	8	4	17.38	0.055	17.44	0.055	17.41	0.055
3	16QAM	8	7	17.38	0.055	17.32	0.054	17.31	0.054
3	16QAM	15	0	17.12	0.052	17.28	0.053	17.31	0.054
3	64QAM	1	0	18.05	0.064	17.87	0.061	18.33	0.068
3	64QAM	1	8	18.32	0.068	18.10	0.065	18.38	0.069
3	64QAM	1	14	18.23	0.067	18.39	0.069	18.34	0.068
3	64QAM	8	0	17.27	0.053	17.33	0.054	17.20	0.052
3	64QAM	8	4	17.24	0.053	17.24	0.053	17.27	0.053
3	64QAM	8	7	17.29	0.054	17.17	0.052	17.12	0.052
3	64QAM	15	0	17.35	0.054	17.11	0.051	17.22	0.053



LTE Band 5				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20407		20525		20643	
Frequency (MHz)				824.7		836.5		848.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	19.21	0.083	19.24	0.084	19.20	0.083
1.4	QPSK	1	3	19.06	0.081	19.09	0.081	19.21	0.083
1.4	QPSK	1	5	19.07	0.081	19.12	0.082	19.16	0.082
1.4	QPSK	3	0	19.16	0.082	19.10	0.081	19.17	0.083
1.4	QPSK	3	1	19.14	0.082	19.21	0.083	19.16	0.082
1.4	QPSK	3	3	19.14	0.082	19.13	0.082	19.15	0.082
1.4	QPSK	6	0	18.11	0.065	18.13	0.065	18.06	0.064
1.4	16QAM	1	0	18.38	0.069	18.67	0.074	18.62	0.073
1.4	16QAM	1	3	18.89	0.077	18.42	0.070	18.32	0.068
1.4	16QAM	1	5	18.53	0.071	18.70	0.074	18.29	0.067
1.4	16QAM	3	0	18.42	0.070	18.33	0.068	18.26	0.067
1.4	16QAM	3	1	18.33	0.068	18.16	0.065	18.28	0.067
1.4	16QAM	3	3	18.34	0.068	18.39	0.069	18.14	0.065
1.4	16QAM	6	0	17.25	0.053	17.30	0.054	17.29	0.054
1.4	64QAM	1	0	18.38	0.069	18.38	0.069	18.38	0.069
1.4	64QAM	1	3	18.50	0.071	18.28	0.067	18.13	0.065
1.4	64QAM	1	5	18.24	0.067	18.22	0.066	18.06	0.064
1.4	64QAM	3	0	18.18	0.066	18.10	0.065	18.38	0.069
1.4	64QAM	3	1	18.17	0.066	18.35	0.068	18.26	0.067
1.4	64QAM	3	3	18.16	0.065	18.21	0.066	18.10	0.065
1.4	64QAM	6	0	17.22	0.053	17.19	0.052	17.08	0.051



LTE Band 7				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20850		21100		21350	
Frequency (MHz)				2510		2535		2560	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	22.49	0.177	22.59	0.182	22.44	0.175
20	QPSK	1	49	22.44	0.175	22.51	0.178	22.41	0.174
20	QPSK	1	99	22.38	0.173	22.39	0.173	22.41	0.174
20	QPSK	50	0	21.24	0.133	21.46	0.140	21.19	0.132
20	QPSK	50	24	21.40	0.138	21.34	0.136	21.24	0.133
20	QPSK	50	50	21.33	0.136	21.39	0.138	21.32	0.136
20	QPSK	100	0	21.36	0.137	21.42	0.139	21.31	0.135
20	16QAM	1	0	21.57	0.144	21.67	0.147	21.8	0.151
20	16QAM	1	49	21.54	0.143	21.65	0.146	21.66	0.147
20	16QAM	1	99	21.47	0.140	21.73	0.149	21.56	0.143
20	16QAM	50	0	20.35	0.108	20.28	0.107	20.35	0.108
20	16QAM	50	24	20.36	0.109	20.37	0.109	20.18	0.104
20	16QAM	50	50	20.43	0.110	20.36	0.109	20.37	0.109
20	16QAM	100	0	20.31	0.107	20.33	0.108	20.31	0.107
20	64QAM	1	0	21.27	0.134	21.37	0.137	21.33	0.136
20	64QAM	1	49	21.34	0.136	21.5	0.141	21.27	0.134
20	64QAM	1	99	21.59	0.144	21.37	0.137	21.58	0.144
20	64QAM	50	0	20.29	0.107	20.22	0.105	20.24	0.106
20	64QAM	50	24	20.36	0.109	20.21	0.105	20.28	0.107
20	64QAM	50	50	20.44	0.111	20.39	0.109	20.42	0.110
20	64QAM	100	0	20.29	0.107	20.35	0.108	20.32	0.108



LTE Band 7				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20825		21100		21375	
Frequency (MHz)				2507.5		2535		2562.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	22.09	0.162	22.22	0.167	22.13	0.163
15	QPSK	1	37	22.04	0.160	22.02	0.159	22.03	0.160
15	QPSK	1	74	22.01	0.159	22.11	0.163	22.07	0.161
15	QPSK	36	0	21.22	0.132	21.33	0.136	21.13	0.130
15	QPSK	36	20	21.11	0.129	21.14	0.130	21.17	0.131
15	QPSK	36	39	21.15	0.130	21.21	0.132	21.14	0.130
15	QPSK	75	0	21.17	0.131	21.38	0.137	21.14	0.130
15	16QAM	1	0	21.30	0.135	21.22	0.132	21.11	0.129
15	16QAM	1	37	21.22	0.132	21.34	0.136	21.07	0.128
15	16QAM	1	74	21.47	0.140	21.17	0.131	21.25	0.133
15	16QAM	36	0	20.06	0.101	20.22	0.105	20.02	0.100
15	16QAM	36	20	20.25	0.106	20.13	0.103	20.19	0.104
15	16QAM	36	39	20.16	0.104	20.22	0.105	20.23	0.105
15	16QAM	75	0	20.23	0.105	20.17	0.104	20.07	0.102
15	64QAM	1	0	21.25	0.133	21.09	0.129	21.38	0.137
15	64QAM	1	37	21.50	0.141	21.02	0.126	21.25	0.133
15	64QAM	1	74	21.33	0.136	21.20	0.132	21.37	0.137
15	64QAM	36	0	19.99	0.100	20.04	0.101	20.23	0.105
15	64QAM	36	20	20.26	0.106	20.17	0.104	20.22	0.105
15	64QAM	36	39	20.29	0.107	20.22	0.105	20.18	0.104
15	64QAM	75	0	20.15	0.104	20.15	0.104	20.20	0.105



LTE Band 7				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20800		21100		21400	
Frequency (MHz)				2505		2535		2565	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	22.25	0.168	22.41	0.174	22.29	0.169
10	QPSK	1	25	22.27	0.169	22.29	0.169	22.30	0.170
10	QPSK	1	49	22.35	0.172	22.38	0.173	22.37	0.173
10	QPSK	25	0	21.22	0.132	21.35	0.136	21.31	0.135
10	QPSK	25	12	21.43	0.139	21.30	0.135	21.39	0.138
10	QPSK	25	25	21.28	0.134	21.39	0.138	21.44	0.139
10	QPSK	50	0	21.38	0.137	21.26	0.134	21.47	0.140
10	16QAM	1	0	21.73	0.149	21.73	0.149	21.57	0.144
10	16QAM	1	25	21.74	0.149	21.95	0.157	21.85	0.153
10	16QAM	1	49	21.88	0.154	21.84	0.153	21.89	0.155
10	16QAM	25	0	20.26	0.106	20.27	0.106	20.37	0.109
10	16QAM	25	12	20.41	0.110	20.40	0.110	20.36	0.109
10	16QAM	25	25	20.44	0.111	20.34	0.108	20.49	0.112
10	16QAM	50	0	20.38	0.109	20.33	0.108	20.43	0.110
10	64QAM	1	0	21.55	0.143	21.63	0.146	21.56	0.143
10	64QAM	1	25	21.62	0.145	21.59	0.144	21.46	0.140
10	64QAM	1	49	21.61	0.145	21.70	0.148	21.54	0.143
10	64QAM	25	0	20.41	0.110	20.27	0.106	20.29	0.107
10	64QAM	25	12	20.4	0.110	20.42	0.110	20.38	0.109
10	64QAM	25	25	20.44	0.111	20.41	0.110	20.41	0.110
10	64QAM	50	0	20.33	0.108	20.40	0.110	20.36	0.109



LTE Band 7				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20775		21100		21425	
Frequency (MHz)				2502.5		2535		2567.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	22.33	0.171	22.57	0.181	22.35	0.172
5	QPSK	1	12	22.51	0.178	22.52	0.179	22.31	0.170
5	QPSK	1	24	22.39	0.173	22.52	0.179	22.53	0.179
5	QPSK	12	0	21.44	0.139	21.40	0.138	21.31	0.135
5	QPSK	12	7	21.47	0.140	21.57	0.144	21.55	0.143
5	QPSK	12	13	21.57	0.144	21.52	0.142	21.55	0.143
5	QPSK	25	0	21.51	0.142	21.47	0.140	21.45	0.140
5	16QAM	1	0	21.61	0.145	21.48	0.141	21.71	0.148
5	16QAM	1	12	21.68	0.147	21.57	0.144	21.85	0.153
5	16QAM	1	24	21.98	0.158	21.90	0.155	21.60	0.145
5	16QAM	12	0	20.56	0.114	20.36	0.109	20.48	0.112
5	16QAM	12	7	20.60	0.115	20.70	0.117	20.41	0.110
5	16QAM	12	13	20.53	0.113	20.65	0.116	20.59	0.115
5	16QAM	25	0	20.51	0.112	20.47	0.111	20.58	0.114
5	64QAM	1	0	21.47	0.140	21.74	0.149	21.66	0.147
5	64QAM	1	12	21.63	0.146	21.57	0.144	21.50	0.141
5	64QAM	1	24	21.54	0.143	21.87	0.154	21.55	0.143
5	64QAM	12	0	20.42	0.110	20.43	0.110	20.36	0.109
5	64QAM	12	7	20.58	0.114	20.59	0.115	20.59	0.115
5	64QAM	12	13	20.65	0.116	20.55	0.114	20.60	0.115
5	64QAM	25	0	20.47	0.111	20.50	0.112	20.50	0.112



LTE Band 12				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23060		23095		23130	
Frequency (MHz)				704		707.5		711	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	17.97	0.063	18.18	0.066	18.11	0.065
10	QPSK	1	25	18.06	0.064	18.12	0.065	18.08	0.064
10	QPSK	1	49	18.12	0.065	17.90	0.062	18.07	0.064
10	QPSK	25	0	17.04	0.051	17.16	0.052	17.14	0.052
10	QPSK	25	12	17.10	0.051	17.16	0.052	17.13	0.052
10	QPSK	25	25	17.15	0.052	17.11	0.051	17.12	0.052
10	QPSK	50	0	17.13	0.052	17.14	0.052	17.08	0.051
10	16QAM	1	0	17.62	0.058	17.70	0.059	17.57	0.057
10	16QAM	1	25	17.62	0.058	17.45	0.056	17.71	0.059
10	16QAM	1	49	17.50	0.056	17.40	0.055	17.52	0.056
10	16QAM	25	0	16.24	0.042	16.33	0.043	16.27	0.042
10	16QAM	25	12	16.23	0.042	16.13	0.041	16.14	0.041
10	16QAM	25	25	16.23	0.042	16.29	0.043	16.20	0.042
10	16QAM	50	0	16.21	0.042	16.10	0.041	16.20	0.042
10	64QAM	1	0	17.26	0.053	17.29	0.054	17.43	0.055
10	64QAM	1	25	17.19	0.052	17.27	0.053	17.22	0.053
10	64QAM	1	49	17.40	0.055	17.57	0.057	17.20	0.052
10	64QAM	25	0	16.17	0.041	16.17	0.041	16.13	0.041
10	64QAM	25	12	16.11	0.041	16.17	0.041	16.18	0.041
10	64QAM	25	25	16.06	0.040	15.94	0.039	16.15	0.041
10	64QAM	50	0	16.25	0.042	16.18	0.041	16.14	0.041



LTE Band 12				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23035		23095		23155	
Frequency (MHz)				701.5		707.5		713.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	17.93	0.062	18.05	0.064	18.03	0.064
5	QPSK	1	12	17.97	0.063	18.03	0.064	17.98	0.063
5	QPSK	1	24	17.93	0.062	17.95	0.062	18.02	0.063
5	QPSK	12	0	16.95	0.050	17.03	0.050	16.98	0.050
5	QPSK	12	7	17.05	0.051	16.93	0.049	17.08	0.051
5	QPSK	12	13	17.02	0.050	17.03	0.050	17.06	0.051
5	QPSK	25	0	16.98	0.050	16.99	0.050	17.03	0.050
5	16QAM	1	0	17.33	0.054	17.14	0.052	17.60	0.058
5	16QAM	1	12	17.45	0.056	17.43	0.055	17.61	0.058
5	16QAM	1	24	17.23	0.053	17.39	0.055	17.20	0.052
5	16QAM	12	0	16.15	0.041	16.14	0.041	16.11	0.041
5	16QAM	12	7	16.08	0.041	15.96	0.039	16.21	0.042
5	16QAM	12	13	16.11	0.041	16.12	0.041	16.09	0.041
5	16QAM	25	0	16.30	0.043	16.00	0.040	16.13	0.041
5	64QAM	1	0	17.01	0.050	16.97	0.050	17.24	0.053
5	64QAM	1	12	17.17	0.052	17.01	0.050	17.23	0.053
5	64QAM	1	24	17.17	0.052	16.93	0.049	17.22	0.053
5	64QAM	12	0	16.17	0.041	16.02	0.040	16.21	0.042
5	64QAM	12	7	16.06	0.040	16.09	0.041	15.99	0.040
5	64QAM	12	13	15.99	0.040	15.98	0.040	15.93	0.039
5	64QAM	25	0	16.03	0.040	15.99	0.040	16.02	0.040





LTE Band 12				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23025		23095		23165	
Frequency (MHz)				700.5		707.5		714.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	17.77	0.060	18.01	0.063	17.92	0.062
3	QPSK	1	8	17.90	0.062	17.94	0.062	17.88	0.061
3	QPSK	1	14	17.68	0.059	17.86	0.061	17.80	0.060
3	QPSK	8	0	16.91	0.049	16.95	0.050	16.97	0.050
3	QPSK	8	4	16.92	0.049	16.96	0.050	17.03	0.050
3	QPSK	8	7	16.79	0.048	16.96	0.050	16.93	0.049
3	QPSK	15	0	16.84	0.048	16.91	0.049	16.94	0.049
3	16QAM	1	0	16.96	0.050	17.27	0.053	17.24	0.053
3	16QAM	1	8	17.20	0.052	17.24	0.053	17.38	0.055
3	16QAM	1	14	17.41	0.055	17.12	0.052	17.28	0.053
3	16QAM	8	0	16.06	0.040	16.09	0.041	15.95	0.039
3	16QAM	8	4	15.98	0.040	16.16	0.041	16.20	0.042
3	16QAM	8	7	15.98	0.040	15.95	0.039	16.14	0.041
3	16QAM	15	0	16.00	0.040	15.93	0.039	15.98	0.040
3	64QAM	1	0	17.00	0.050	17.17	0.052	17.05	0.051
3	64QAM	1	8	16.86	0.049	16.87	0.049	17.02	0.050
3	64QAM	1	14	16.81	0.048	17.13	0.052	16.85	0.048
3	64QAM	8	0	16.08	0.041	15.99	0.040	16.03	0.040
3	64QAM	8	4	15.98	0.040	15.99	0.040	16.08	0.041
3	64QAM	8	7	15.96	0.039	16.09	0.041	15.95	0.039
3	64QAM	15	0	15.90	0.039	15.96	0.039	15.93	0.039



LTE Band 12				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23017		23095		23173	
Frequency (MHz)				699.7		707.5		715.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	17.89	0.062	18.10	0.065	18.03	0.064
1.4	QPSK	1	3	17.98	0.063	18.04	0.064	18.00	0.063
1.4	QPSK	1	5	18.04	0.064	17.82	0.061	17.99	0.063
1.4	QPSK	3	0	16.96	0.050	17.08	0.051	17.06	0.051
1.4	QPSK	3	1	17.02	0.050	17.08	0.051	17.05	0.051
1.4	QPSK	3	3	17.07	0.051	17.03	0.050	17.04	0.051
1.4	QPSK	6	0	17.05	0.051	17.06	0.051	17.00	0.050
1.4	16QAM	1	0	17.54	0.057	17.62	0.058	17.49	0.056
1.4	16QAM	1	3	17.54	0.057	17.37	0.055	17.63	0.058
1.4	16QAM	1	5	17.42	0.055	17.32	0.054	17.44	0.055
1.4	16QAM	3	0	16.16	0.041	16.25	0.042	16.19	0.042
1.4	16QAM	3	1	16.15	0.041	16.05	0.040	16.06	0.040
1.4	16QAM	3	3	16.15	0.041	16.21	0.042	16.12	0.041
1.4	16QAM	6	0	16.13	0.041	16.02	0.040	16.12	0.041
1.4	64QAM	1	0	17.18	0.052	17.21	0.053	17.35	0.054
1.4	64QAM	1	3	17.11	0.051	17.19	0.052	17.14	0.052
1.4	64QAM	1	5	17.32	0.054	17.49	0.056	17.12	0.052
1.4	64QAM	3	0	16.09	0.041	16.09	0.041	16.05	0.040
1.4	64QAM	3	1	16.03	0.040	16.09	0.041	16.10	0.041
1.4	64QAM	3	3	15.98	0.040	15.86	0.039	16.07	0.040
1.4	64QAM	6	0	16.17	0.041	16.10	0.041	16.06	0.040



LTE Band 17				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23780		23790		23800	
Frequency (MHz)				709		710		711	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	17.99	0.063	18.07	0.064	17.98	0.063
10	QPSK	1	25	17.94	0.062	17.95	0.062	17.86	0.061
10	QPSK	1	49	17.88	0.061	17.99	0.063	17.95	0.062
10	QPSK	25	0	17.23	0.053	17.37	0.055	17.14	0.052
10	QPSK	25	12	17.12	0.052	17.30	0.054	17.05	0.051
10	QPSK	25	25	16.99	0.050	17.22	0.053	16.98	0.050
10	QPSK	50	0	17.01	0.050	17.08	0.051	17.04	0.051
10	16QAM	1	0	17.40	0.055	17.44	0.055	17.39	0.055
10	16QAM	1	25	17.37	0.055	17.38	0.055	17.29	0.054
10	16QAM	1	49	17.32	0.054	17.37	0.055	17.34	0.054
10	16QAM	25	0	16.25	0.042	16.42	0.044	16.39	0.044
10	16QAM	25	12	16.22	0.042	16.33	0.043	16.30	0.043
10	16QAM	25	25	16.13	0.041	16.25	0.042	16.18	0.041
10	16QAM	50	0	16.15	0.041	16.18	0.041	16.13	0.041
10	64QAM	1	0	17.23	0.053	17.25	0.053	17.18	0.052
10	64QAM	1	25	17.19	0.052	17.18	0.052	17.07	0.051
10	64QAM	1	49	17.20	0.052	17.23	0.053	17.06	0.051
10	64QAM	25	0	16.24	0.042	16.28	0.042	16.23	0.042
10	64QAM	25	12	16.13	0.041	16.16	0.041	16.15	0.041
10	64QAM	25	25	16.09	0.041	16.04	0.040	16.06	0.040
10	64QAM	50	0	16.03	0.040	15.99	0.040	15.98	0.040



LTE Band 17				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23755		23790		23825	
Frequency (MHz)				706.5		710		713.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	18.05	0.064	18.06	0.064	17.94	0.062
5	QPSK	1	12	17.94	0.062	17.98	0.063	17.91	0.062
5	QPSK	1	24	17.92	0.062	17.92	0.062	17.80	0.060
5	QPSK	12	0	16.87	0.049	17.00	0.050	16.97	0.050
5	QPSK	12	7	17.00	0.050	16.83	0.048	16.94	0.049
5	QPSK	12	13	16.81	0.048	16.89	0.049	16.90	0.049
5	QPSK	25	0	16.96	0.050	16.85	0.048	16.91	0.049
5	16QAM	1	0	17.32	0.054	17.36	0.054	17.38	0.055
5	16QAM	1	12	17.17	0.052	17.36	0.054	17.42	0.055
5	16QAM	1	24	17.16	0.052	17.41	0.055	17.31	0.054
5	16QAM	12	0	15.94	0.039	15.95	0.039	15.92	0.039
5	16QAM	12	7	16.04	0.040	16.01	0.040	16.08	0.041
5	16QAM	12	13	15.99	0.040	15.93	0.039	16.04	0.040
5	16QAM	25	0	15.98	0.040	15.89	0.039	15.93	0.039
5	64QAM	1	0	16.98	0.050	17.31	0.054	17.04	0.051
5	64QAM	1	12	17.22	0.053	16.95	0.050	17.06	0.051
5	64QAM	1	24	16.85	0.048	17.12	0.052	17.02	0.050
5	64QAM	12	0	16.17	0.041	16.04	0.040	16.10	0.041
5	64QAM	12	7	16.25	0.042	15.97	0.040	16.03	0.040
5	64QAM	12	13	15.83	0.038	15.93	0.039	15.98	0.040
5	64QAM	25	0	15.93	0.039	15.86	0.039	15.96	0.039



LTE Band 18				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23965		23970		23975	
Frequency (MHz)				826.5		827		827.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	21.58	0.144	21.51	0.142	21.63	0.146
5	QPSK	1	12	21.41	0.138	21.43	0.139	21.53	0.142
5	QPSK	1	24	21.60	0.145	21.56	0.143	21.61	0.145
5	QPSK	12	0	20.50	0.112	20.53	0.113	20.58	0.114
5	QPSK	12	7	20.54	0.113	20.62	0.115	20.63	0.116
5	QPSK	12	13	20.59	0.115	20.60	0.115	20.70	0.117
5	QPSK	25	0	20.56	0.114	20.58	0.114	20.61	0.115
5	16QAM	1	0	20.71	0.118	20.81	0.121	20.83	0.121
5	16QAM	1	12	20.77	0.119	20.70	0.117	20.78	0.120
5	16QAM	1	24	20.65	0.116	20.68	0.117	20.71	0.118
5	16QAM	12	0	19.52	0.090	19.62	0.092	19.64	0.092
5	16QAM	12	7	19.47	0.089	19.39	0.087	19.51	0.089
5	16QAM	12	13	19.68	0.093	19.71	0.094	19.72	0.094
5	16QAM	25	0	19.49	0.089	19.49	0.089	19.59	0.091
5	64QAM	1	0	20.87	0.122	20.92	0.124	20.93	0.124
5	64QAM	1	12	20.87	0.122	20.86	0.122	20.93	0.124
5	64QAM	1	24	20.85	0.122	20.75	0.119	20.86	0.122
5	64QAM	12	0	19.44	0.088	19.47	0.089	19.52	0.090
5	64QAM	12	7	19.51	0.089	19.50	0.089	19.52	0.090
5	64QAM	12	13	19.59	0.091	19.61	0.091	19.70	0.093
5	64QAM	25	0	19.53	0.090	19.48	0.089	19.54	0.090



LTE Band19				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				/		24075		/	
Frequency (MHz)				/		837.5		/	
				/	/	dbm	W	/	/
15	QPSK	1	0	/	/	18.73	0.075	/	/
15	QPSK	1	37	/	/	18.65	0.073	/	/
15	QPSK	1	74	/	/	18.64	0.073	/	/
15	QPSK	36	0	/	/	17.88	0.061	/	/
15	QPSK	36	20	/	/	17.77	0.060	/	/
15	QPSK	36	39	/	/	17.73	0.059	/	/
15	QPSK	75	0	/	/	17.84	0.061	/	/
15	16QAM	1	0	/	/	18.12	0.065	/	/
15	16QAM	1	37	/	/	18.03	0.064	/	/
15	16QAM	1	74	/	/	17.95	0.062	/	/
15	16QAM	36	0	/	/	16.69	0.047	/	/
15	16QAM	36	20	/	/	16.61	0.046	/	/
15	16QAM	36	39	/	/	16.81	0.048	/	/
15	16QAM	75	0	/	/	16.56	0.045	/	/
15	64QAM	1	0	/	/	18.05	0.064	/	/
15	64QAM	1	37	/	/	17.84	0.061	/	/
15	64QAM	1	74	/	/	17.85	0.061	/	/
15	64QAM	36	0	/	/	16.71	0.047	/	/
15	64QAM	36	20	/	/	16.70	0.047	/	/
15	64QAM	36	39	/	/	16.74	0.047	/	/
15	64QAM	75	0	/	/	16.60	0.046	/	/



LTE Band19				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				24050		24075		24100	
Frequency (MHz)				835		837.5		840	
				dbm	W	dbm	W	dbm	W
10	QPSK	1	0	18.64	0.073	18.70	0.074	18.57	0.072
10	QPSK	1	25	18.57	0.072	18.61	0.073	18.54	0.071
10	QPSK	1	49	18.60	0.072	18.50	0.071	18.53	0.071
10	QPSK	25	0	17.52	0.056	17.60	0.058	17.59	0.057
10	QPSK	25	12	17.69	0.059	17.69	0.059	17.69	0.059
10	QPSK	25	25	17.72	0.059	17.70	0.059	17.68	0.059
10	QPSK	50	0	17.65	0.058	17.69	0.059	17.64	0.058
10	16QAM	1	0	18.02	0.063	18.03	0.064	18.00	0.063
10	16QAM	1	25	18.01	0.063	17.82	0.061	17.77	0.060
10	16QAM	1	49	17.99	0.063	17.95	0.062	17.87	0.061
10	16QAM	25	0	16.60	0.046	16.66	0.046	16.54	0.045
10	16QAM	25	12	16.69	0.047	16.57	0.045	16.61	0.046
10	16QAM	25	25	16.80	0.048	16.75	0.047	16.78	0.048
10	16QAM	50	0	16.66	0.046	16.60	0.046	16.66	0.046
10	64QAM	1	0	17.96	0.063	18.03	0.064	18.00	0.063
10	64QAM	1	12	18.04	0.064	17.80	0.060	17.78	0.060
10	64QAM	1	24	17.97	0.063	17.76	0.060	17.75	0.060
10	64QAM	12	0	16.52	0.045	16.70	0.047	16.69	0.047
10	64QAM	12	7	16.61	0.046	16.65	0.046	16.62	0.046
10	64QAM	12	13	16.70	0.047	16.71	0.047	16.73	0.047
10	64QAM	25	0	16.62	0.046	16.64	0.046	16.51	0.045



LTE Band19				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				24025		24075		24125	
Frequency (MHz)				832.5		837.5		842.5	
				dbm	W	dbm	W	dbm	W
5	QPSK	1	0	18.58	0.072	18.64	0.073	18.51	0.071
5	QPSK	1	12	18.51	0.071	18.55	0.072	18.48	0.070
5	QPSK	1	24	18.54	0.071	18.44	0.070	18.47	0.070
5	QPSK	12	0	17.46	0.056	17.54	0.057	17.53	0.057
5	QPSK	12	7	17.63	0.058	17.63	0.058	17.63	0.058
5	QPSK	12	13	17.66	0.058	17.64	0.058	17.62	0.058
5	QPSK	25	0	17.59	0.057	17.63	0.058	17.58	0.057
5	16QAM	1	0	17.96	0.063	17.97	0.063	17.94	0.062
5	16QAM	1	12	17.95	0.062	17.76	0.060	17.71	0.059
5	16QAM	1	24	17.93	0.062	17.89	0.062	17.81	0.060
5	16QAM	12	0	16.54	0.045	16.60	0.046	16.48	0.044
5	16QAM	12	7	16.63	0.046	16.51	0.045	16.55	0.045
5	16QAM	12	13	16.74	0.047	16.69	0.047	16.72	0.047
5	16QAM	25	0	16.60	0.046	16.54	0.045	16.60	0.046
5	64QAM	1	0	17.90	0.062	17.97	0.063	17.94	0.062
5	64QAM	1	12	17.98	0.063	17.74	0.059	17.72	0.059
5	64QAM	1	24	17.91	0.062	17.70	0.059	17.69	0.059
5	64QAM	12	0	16.46	0.044	16.64	0.046	16.63	0.046
5	64QAM	12	7	16.55	0.045	16.59	0.046	16.56	0.045
5	64QAM	12	13	16.64	0.046	16.65	0.046	16.67	0.046
5	64QAM	25	0	16.56	0.045	16.58	0.045	16.45	0.044





LTE Band26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26865		26915		26965	
Frequency (MHz)				831.5		836.5		841.5	
				dbm	W	dbm	W	dbm	W
15	QPSK	1	0	19.12	0.082	19.18	0.083	19.05	0.080
15	QPSK	1	37	19.06	0.081	19.17	0.083	18.92	0.078
15	QPSK	1	74	18.88	0.077	18.98	0.079	18.87	0.077
15	QPSK	36	0	17.68	0.059	17.79	0.060	17.66	0.058
15	QPSK	36	20	17.65	0.058	17.68	0.059	17.66	0.058
15	QPSK	36	39	17.69	0.059	17.76	0.060	17.75	0.060
15	QPSK	75	0	17.64	0.058	17.76	0.060	17.73	0.059
15	16QAM	1	0	18.06	0.064	18.12	0.065	17.85	0.061
15	16QAM	1	37	17.91	0.062	18.00	0.063	17.84	0.061
15	16QAM	1	74	18.08	0.064	18.09	0.064	17.86	0.061
15	16QAM	36	0	17.18	0.052	17.20	0.052	17.13	0.052
15	16QAM	36	20	17.05	0.051	17.12	0.052	16.99	0.050
15	16QAM	36	39	17.02	0.050	17.06	0.051	17.14	0.052
15	16QAM	75	0	17.03	0.050	17.04	0.051	17.17	0.052
15	64QAM	1	0	18.07	0.064	18.14	0.065	18.11	0.065
15	64QAM	1	37	18.02	0.063	18.08	0.064	17.96	0.063
15	64QAM	1	74	18.00	0.063	18.01	0.063	17.95	0.062
15	64QAM	36	0	16.56	0.045	16.64	0.046	16.71	0.047
15	64QAM	36	20	16.50	0.045	16.60	0.046	16.71	0.047
15	64QAM	36	39	16.59	0.046	16.71	0.047	16.80	0.048
15	64QAM	75	0	16.53	0.045	16.61	0.046	16.78	0.048



LTE Band26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26840		26915		26990	
Frequency (MHz)				829.0		836.5		844.0	
				dbm	W	dbm	W	dbm	W
10	QPSK	1	0	18.74	0.075	18.78	0.076	18.84	0.077
10	QPSK	1	25	18.99	0.079	18.95	0.079	19.02	0.080
10	QPSK	1	49	18.74	0.075	18.77	0.075	18.84	0.077
10	QPSK	25	0	17.74	0.059	17.75	0.060	17.86	0.061
10	QPSK	25	12	17.79	0.060	17.75	0.060	17.86	0.061
10	QPSK	25	25	17.77	0.060	17.77	0.060	17.81	0.060
10	QPSK	50	0	17.78	0.060	17.86	0.061	17.88	0.061
10	16QAM	1	0	18.59	0.072	18.58	0.072	18.61	0.073
10	16QAM	1	25	18.29	0.067	18.32	0.068	18.40	0.069
10	16QAM	1	49	18.26	0.067	18.29	0.067	18.30	0.068
10	16QAM	25	0	16.67	0.046	16.65	0.046	16.76	0.047
10	16QAM	25	12	16.83	0.048	16.87	0.049	16.89	0.049
10	16QAM	25	25	16.77	0.048	16.80	0.048	16.89	0.049
10	16QAM	50	0	16.88	0.049	16.83	0.048	16.89	0.049
10	64QAM	1	0	18.24	0.067	18.18	0.066	18.28	0.067
10	64QAM	1	25	18.13	0.065	18.15	0.065	18.18	0.066
10	64QAM	1	49	17.83	0.061	17.84	0.061	17.86	0.061
10	64QAM	25	0	16.80	0.048	16.75	0.047	16.82	0.048
10	64QAM	25	12	16.85	0.048	16.80	0.048	16.89	0.049
10	64QAM	25	25	16.96	0.050	16.91	0.049	16.97	0.050
10	64QAM	50	0	16.89	0.049	16.84	0.048	16.96	0.050



LTE Band26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26815		26915		27015	
Frequency (MHz)				826.5		836.5		846.5	
				dbm	W	dbm	W	dbm	W
5	QPSK	1	0	18.77	0.075	18.70	0.074	18.81	0.076
5	QPSK	1	12	18.65	0.073	18.66	0.073	18.75	0.075
5	QPSK	1	24	18.69	0.074	18.77	0.075	18.79	0.076
5	QPSK	12	0	17.62	0.058	17.65	0.058	17.73	0.059
5	QPSK	12	7	17.82	0.061	17.89	0.062	17.90	0.062
5	QPSK	12	13	17.73	0.059	17.73	0.059	17.79	0.060
5	QPSK	25	0	17.65	0.058	17.65	0.058	17.76	0.060
5	16QAM	1	0	18.23	0.067	18.24	0.067	18.26	0.067
5	16QAM	1	12	17.91	0.062	17.90	0.062	17.98	0.063
5	16QAM	1	24	17.98	0.063	17.95	0.062	18.05	0.064
5	16QAM	12	0	16.86	0.049	16.88	0.049	16.89	0.049
5	16QAM	12	7	16.80	0.048	16.75	0.047	16.86	0.049
5	16QAM	12	13	16.84	0.048	16.85	0.048	16.86	0.049
5	16QAM	25	0	16.67	0.046	16.65	0.046	16.69	0.047
5	64QAM	1	0	17.84	0.061	17.83	0.061	17.95	0.062
5	64QAM	1	12	17.87	0.061	17.83	0.061	17.91	0.062
5	64QAM	1	24	17.69	0.059	17.78	0.060	17.80	0.060
5	64QAM	12	0	16.81	0.048	16.80	0.048	16.91	0.049
5	64QAM	12	7	16.88	0.049	16.94	0.049	16.96	0.050
5	64QAM	12	13	16.92	0.049	16.97	0.050	17.01	0.050
5	64QAM	25	0	16.75	0.047	16.79	0.048	16.87	0.049



LTE Band26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26805		26915		27025	
Frequency (MHz)				825.5		836.5		847.5	
				dbm	W	dbm	W	dbm	W
3	QPSK	1	0	18.61	0.073	18.64	0.073	18.70	0.074
3	QPSK	1	8	18.71	0.074	18.76	0.075	18.81	0.076
3	QPSK	1	14	18.69	0.074	18.69	0.074	18.73	0.075
3	QPSK	8	0	17.73	0.059	17.76	0.060	17.78	0.060
3	QPSK	8	4	17.87	0.061	17.84	0.061	17.93	0.062
3	QPSK	8	7	17.71	0.059	17.76	0.060	17.77	0.060
3	QPSK	15	0	17.86	0.061	17.85	0.061	17.90	0.062
3	16QAM	1	0	18.24	0.067	18.21	0.066	18.29	0.067
3	16QAM	1	8	18.13	0.065	18.09	0.064	18.15	0.065
3	16QAM	1	14	17.97	0.063	17.98	0.063	18.05	0.064
3	16QAM	8	0	16.78	0.048	16.76	0.047	16.84	0.048
3	16QAM	8	4	16.77	0.048	16.79	0.048	16.81	0.048
3	16QAM	8	7	16.94	0.049	16.89	0.049	17.01	0.050
3	16QAM	15	0	16.96	0.050	16.89	0.049	16.99	0.050
3	64QAM	1	0	17.70	0.059	17.79	0.060	17.80	0.060
3	64QAM	1	8	17.99	0.063	18.04	0.064	18.08	0.064
3	64QAM	1	14	17.68	0.059	17.65	0.058	17.76	0.060
3	64QAM	8	0	16.67	0.046	16.64	0.046	16.75	0.047
3	64QAM	8	4	16.84	0.048	16.85	0.048	16.94	0.049
3	64QAM	8	7	16.69	0.047	16.69	0.047	16.81	0.048
3	64QAM	15	0	16.72	0.047	16.67	0.046	16.76	0.047



LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26797		26915		27033	
Frequency (MHz)				824.7		836.5		848.3	
				dbm	W	dbm	W	dbm	W
1.4	QPSK	1	0	18.53	0.071	18.61	0.073	18.65	0.073
1.4	QPSK	1	3	18.71	0.074	18.65	0.073	18.76	0.075
1.4	QPSK	1	5	18.58	0.072	18.61	0.073	18.68	0.074
1.4	QPSK	3	0	17.70	0.059	17.62	0.058	17.73	0.059
1.4	QPSK	3	1	17.79	0.060	17.84	0.061	17.88	0.061
1.4	QPSK	3	3	17.71	0.059	17.60	0.058	17.72	0.059
1.4	QPSK	6	0	17.75	0.060	17.81	0.060	17.85	0.061
1.4	16QAM	1	0	18.20	0.066	18.12	0.065	18.24	0.067
1.4	16QAM	1	3	18.05	0.064	18.06	0.064	18.10	0.065
1.4	16QAM	1	5	17.97	0.063	17.94	0.062	18.00	0.063
1.4	16QAM	3	0	16.69	0.047	16.71	0.047	16.79	0.048
1.4	16QAM	3	1	16.69	0.047	16.64	0.046	16.76	0.047
1.4	16QAM	3	3	16.92	0.049	16.94	0.049	16.96	0.050
1.4	16QAM	6	0	16.88	0.049	16.85	0.048	16.94	0.049
1.4	64QAM	1	0	17.89	0.062	17.87	0.061	17.93	0.062
1.4	64QAM	1	3	17.66	0.058	17.71	0.059	17.78	0.060
1.4	64QAM	1	5	17.74	0.059	17.72	0.059	17.77	0.060
1.4	64QAM	3	0	16.64	0.046	16.71	0.047	16.72	0.047
1.4	64QAM	3	1	16.82	0.048	16.90	0.049	16.91	0.049
1.4	64QAM	3	3	16.67	0.046	16.70	0.047	16.78	0.048
1.4	64QAM	6	0	16.68	0.047	16.70	0.047	16.73	0.047



LTE Band 38				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				37850		38000		38150	
Frequency (MHz)				2580		2595		2610	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	22.49	0.177	22.85	0.193	22.50	0.178
20	QPSK	1	49	22.51	0.178	22.61	0.182	22.55	0.180
20	QPSK	1	99	22.53	0.179	22.49	0.177	22.45	0.176
20	QPSK	50	0	21.51	0.142	21.61	0.145	21.58	0.144
20	QPSK	50	24	21.59	0.144	21.58	0.144	21.55	0.143
20	QPSK	50	50	21.56	0.143	21.53	0.142	21.51	0.142
20	QPSK	100	0	21.48	0.141	21.58	0.144	21.51	0.142
20	16QAM	1	0	21.75	0.150	22.00	0.158	21.84	0.153
20	16QAM	1	49	21.68	0.147	21.97	0.157	22.06	0.161
20	16QAM	1	99	21.58	0.144	21.59	0.144	21.57	0.144
20	16QAM	50	0	20.53	0.113	20.57	0.114	20.46	0.111
20	16QAM	50	24	20.65	0.116	20.65	0.116	20.59	0.115
20	16QAM	50	50	20.49	0.112	20.63	0.116	20.55	0.114
20	16QAM	100	0	20.60	0.115	20.46	0.111	20.62	0.115
20	64QAM	1	0	21.65	0.146	21.85	0.153	21.46	0.140
20	64QAM	1	49	21.40	0.138	21.55	0.143	21.76	0.150
20	64QAM	1	99	21.60	0.145	21.58	0.144	21.39	0.138
20	64QAM	50	0	20.47	0.111	20.59	0.115	20.52	0.113
20	64QAM	50	24	20.59	0.115	20.63	0.116	20.58	0.114
20	64QAM	50	50	20.41	0.110	20.58	0.114	20.52	0.113
20	64QAM	100	0	20.58	0.114	20.62	0.115	20.41	0.110



LTE Band 38				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				37825		38000		38175	
Frequency (MHz)				2577.5		2595		2612.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	22.39	0.173	22.68	0.185	22.56	0.180
15	QPSK	1	37	22.52	0.179	22.53	0.179	22.54	0.179
15	QPSK	1	74	22.37	0.173	22.46	0.176	22.36	0.172
15	QPSK	36	0	21.38	0.137	21.50	0.141	21.49	0.141
15	QPSK	36	20	21.56	0.143	21.59	0.144	21.56	0.143
15	QPSK	36	39	21.45	0.140	21.56	0.143	21.43	0.139
15	QPSK	75	0	21.54	0.143	21.50	0.141	21.41	0.138
15	16QAM	1	0	21.82	0.152	21.84	0.153	21.58	0.144
15	16QAM	1	37	21.79	0.151	21.84	0.153	22.06	0.161
15	16QAM	1	74	21.56	0.143	21.98	0.158	21.71	0.148
15	16QAM	36	0	20.37	0.109	20.55	0.114	20.44	0.111
15	16QAM	36	20	20.60	0.115	20.51	0.112	20.56	0.114
15	16QAM	36	39	20.50	0.112	20.64	0.116	20.52	0.113
15	16QAM	75	0	20.48	0.112	20.55	0.114	20.50	0.112
15	64QAM	1	0	22.05	0.160	21.77	0.150	21.93	0.156
15	64QAM	1	37	21.83	0.152	21.71	0.148	21.81	0.152
15	64QAM	1	74	21.76	0.150	21.78	0.151	21.66	0.147
15	64QAM	36	0	20.46	0.111	20.52	0.113	20.60	0.115
15	64QAM	36	20	20.60	0.115	20.44	0.111	20.61	0.115
15	64QAM	36	39	20.51	0.112	20.53	0.113	20.49	0.112
15	64QAM	75	0	20.48	0.112	20.52	0.113	20.47	0.111



LTE Band 38				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				37800		38000		38200	
Frequency (MHz)				2575		2595		2615	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	22.42	0.175	22.77	0.189	22.65	0.184
10	QPSK	1	25	22.69	0.186	22.68	0.185	22.64	0.184
10	QPSK	1	49	22.61	0.182	22.69	0.186	22.65	0.184
10	QPSK	25	0	22.07	0.161	21.79	0.151	21.76	0.150
10	QPSK	25	12	22.08	0.161	21.77	0.150	21.83	0.152
10	QPSK	25	25	21.67	0.147	21.70	0.148	21.75	0.150
10	QPSK	50	0	21.71	0.148	21.64	0.146	21.71	0.148
10	16QAM	1	0	22.01	0.159	21.91	0.155	22.14	0.164
10	16QAM	1	25	22.11	0.163	21.92	0.156	21.85	0.153
10	16QAM	1	49	21.86	0.153	22.00	0.158	21.94	0.156
10	16QAM	25	0	20.82	0.121	20.68	0.117	20.69	0.117
10	16QAM	25	12	20.66	0.116	20.69	0.117	20.70	0.117
10	16QAM	25	25	20.77	0.119	20.78	0.120	20.73	0.118
10	16QAM	50	0	20.68	0.117	20.60	0.115	20.69	0.117
10	64QAM	1	0	21.58	0.144	21.82	0.152	21.56	0.143
10	64QAM	1	25	21.82	0.152	21.72	0.149	21.91	0.155
10	64QAM	1	49	21.81	0.152	21.76	0.150	21.50	0.141
10	64QAM	25	0	20.56	0.114	20.67	0.117	20.63	0.116
10	64QAM	25	12	20.80	0.120	20.75	0.119	20.61	0.115
10	64QAM	25	25	20.67	0.117	20.68	0.117	20.72	0.118
10	64QAM	50	0	20.71	0.118	20.76	0.119	20.65	0.116





LTE Band 38				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				37775		38000		38225	
Frequency (MHz)				2572.5		2595		2617.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	22.61	0.182	22.79	0.190	22.50	0.178
5	QPSK	1	12	22.74	0.188	22.76	0.189	22.43	0.175
5	QPSK	1	24	22.37	0.173	22.38	0.173	22.64	0.184
5	QPSK	12	0	21.44	0.139	21.53	0.142	21.64	0.146
5	QPSK	12	7	21.66	0.147	21.64	0.146	21.58	0.144
5	QPSK	12	13	21.58	0.144	21.62	0.145	21.56	0.143
5	QPSK	25	0	21.57	0.144	21.54	0.143	21.55	0.143
5	16QAM	1	0	21.97	0.157	21.80	0.151	21.90	0.155
5	16QAM	1	12	22.03	0.160	22.04	0.160	22.05	0.160
5	16QAM	1	24	21.79	0.151	21.83	0.152	21.66	0.147
5	16QAM	12	0	20.51	0.112	20.62	0.115	20.62	0.115
5	16QAM	12	7	20.65	0.116	20.59	0.115	20.66	0.116
5	16QAM	12	13	20.64	0.116	20.65	0.116	20.72	0.118
5	16QAM	25	0	20.54	0.113	20.64	0.116	20.63	0.116
5	64QAM	1	0	21.96	0.157	21.60	0.145	21.59	0.144
5	64QAM	1	12	21.48	0.141	21.94	0.156	21.67	0.147
5	64QAM	1	24	21.83	0.152	21.69	0.148	21.88	0.154
5	64QAM	12	0	20.73	0.118	20.69	0.117	20.67	0.117
5	64QAM	12	7	20.63	0.116	20.60	0.115	20.70	0.117
5	64QAM	12	13	20.60	0.115	20.72	0.118	20.61	0.115
5	64QAM	25	0	20.55	0.114	20.64	0.116	20.65	0.116



LTE Band 40, Block A				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				/		38750		/	
Frequency (MHz)				/		2310		/	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	/	/	22.83	0.192	/	/
10	QPSK	1	25	/	/	22.73	0.187	/	/
10	QPSK	1	49	/	/	22.52	0.179	/	/
10	QPSK	25	0	/	/	21.64	0.146	/	/
10	QPSK	25	12	/	/	21.6	0.145	/	/
10	QPSK	25	25	/	/	21.61	0.145	/	/
10	QPSK	50	0	/	/	21.57	0.144	/	/
10	16QAM	1	0	/	/	22.46	0.176	/	/
10	16QAM	1	25	/	/	22.44	0.175	/	/
10	16QAM	1	49	/	/	22.12	0.163	/	/
10	16QAM	25	0	/	/	20.67	0.117	/	/
10	16QAM	25	12	/	/	20.69	0.117	/	/
10	16QAM	25	25	/	/	20.59	0.115	/	/
10	16QAM	50	0	/	/	20.57	0.114	/	/
10	64QAM	1	0	/	/	21.59	0.144	/	/
10	64QAM	1	25	/	/	21.84	0.153	/	/
10	64QAM	1	49	/	/	21.82	0.152	/	/
10	64QAM	25	0	/	/	20.7	0.117	/	/
10	64QAM	25	12	/	/	20.61	0.115	/	/
10	64QAM	25	25	/	/	20.62	0.115	/	/
10	64QAM	50	0	/	/	20.61	0.115	/	/



LTE Band 40, Block A				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				38725		38750		38775	
Frequency (MHz)				2307.5		2310		2312.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	22.63	0.183	22.69	0.186	22.65	0.184
5	QPSK	1	12	22.68	0.185	22.55	0.180	22.64	0.184
5	QPSK	1	24	22.52	0.179	22.49	0.177	22.46	0.176
5	QPSK	12	0	21.57	0.144	21.52	0.142	21.58	0.144
5	QPSK	12	7	21.60	0.145	21.64	0.146	21.56	0.143
5	QPSK	12	13	21.61	0.145	21.58	0.144	21.60	0.145
5	QPSK	25	0	21.57	0.144	21.58	0.144	21.62	0.145
5	16QAM	1	0	22.32	0.171	22.31	0.170	22.46	0.176
5	16QAM	1	12	22.44	0.175	21.83	0.152	21.74	0.149
5	16QAM	1	24	22.12	0.163	21.80	0.151	21.82	0.152
5	16QAM	12	0	20.67	0.117	20.51	0.112	20.65	0.116
5	16QAM	12	7	20.69	0.117	20.61	0.115	20.78	0.120
5	16QAM	12	13	20.59	0.115	20.72	0.118	20.72	0.118
5	16QAM	25	0	20.57	0.114	20.76	0.119	20.65	0.116
5	64QAM	1	0	21.86	0.153	21.76	0.150	21.79	0.151
5	64QAM	1	12	21.84	0.153	21.80	0.151	21.50	0.141
5	64QAM	1	24	21.82	0.152	21.66	0.147	21.64	0.146
5	64QAM	12	0	20.70	0.117	20.56	0.114	20.75	0.119
5	64QAM	12	7	20.61	0.115	20.72	0.118	20.74	0.119
5	64QAM	12	13	20.62	0.115	20.64	0.116	20.65	0.116
5	64QAM	25	0	20.61	0.115	20.68	0.117	20.69	0.117



LTE Band 40, Block B				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				/		39200		/	
Frequency (MHz)				/		2355		/	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	/	/	22.93	0.196	/	/
10	QPSK	1	25	/	/	22.82	0.191	/	/
10	QPSK	1	49	/	/	22.66	0.185	/	/
10	QPSK	25	0	/	/	21.79	0.151	/	/
10	QPSK	25	12	/	/	21.75	0.150	/	/
10	QPSK	25	25	/	/	21.71	0.148	/	/
10	QPSK	50	0	/	/	21.75	0.150	/	/
10	16QAM	1	0	/	/	22.04	0.160	/	/
10	16QAM	1	25	/	/	21.99	0.158	/	/
10	16QAM	1	49	/	/	21.95	0.157	/	/
10	16QAM	25	0	/	/	20.77	0.119	/	/
10	16QAM	25	12	/	/	20.82	0.121	/	/
10	16QAM	25	25	/	/	20.84	0.121	/	/
10	16QAM	50	0	/	/	20.70	0.117	/	/
10	64QAM	1	0	/	/	21.88	0.154	/	/
10	64QAM	1	25	/	/	21.96	0.157	/	/
10	64QAM	1	49	/	/	21.94	0.156	/	/
10	64QAM	25	0	/	/	20.69	0.117	/	/
10	64QAM	25	12	/	/	21.00	0.126	/	/
10	64QAM	25	25	/	/	20.82	0.121	/	/
10	64QAM	50	0	/	/	20.83	0.121	/	/



LTE Band 40, Block B				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39175		39200		39225	
Frequency (MHz)				2352.5		2355		2357.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	22.85	0.193	22.86	0.193	22.76	0.189
5	QPSK	1	12	22.79	0.190	22.88	0.194	22.71	0.187
5	QPSK	1	24	22.67	0.185	22.72	0.187	22.81	0.191
5	QPSK	12	0	21.78	0.151	21.83	0.152	21.83	0.152
5	QPSK	12	7	21.84	0.153	21.81	0.152	21.80	0.151
5	QPSK	12	13	21.83	0.152	21.77	0.150	21.87	0.154
5	QPSK	25	0	21.74	0.149	21.81	0.152	21.79	0.151
5	16QAM	1	0	22.06	0.161	22.10	0.162	22.14	0.164
5	16QAM	1	12	21.79	0.151	22.05	0.160	22.02	0.159
5	16QAM	1	24	22.03	0.160	22.01	0.159	22.04	0.160
5	16QAM	12	0	20.82	0.121	20.83	0.121	20.83	0.121
5	16QAM	12	7	20.99	0.126	20.88	0.122	20.90	0.123
5	16QAM	12	13	20.91	0.123	20.90	0.123	20.83	0.121
5	16QAM	25	0	20.80	0.120	20.76	0.119	20.81	0.121
5	64QAM	1	0	22.14	0.164	21.94	0.156	21.67	0.147
5	64QAM	1	12	21.99	0.158	22.02	0.159	21.92	0.156
5	64QAM	1	24	21.61	0.145	22.00	0.158	21.88	0.154
5	64QAM	12	0	20.56	0.114	20.75	0.119	20.77	0.119
5	64QAM	12	7	20.84	0.121	21.06	0.128	20.94	0.124
5	64QAM	12	13	20.91	0.123	20.88	0.122	21.02	0.126
5	64QAM	25	0	20.97	0.125	20.89	0.123	20.69	0.117



LTE Band 41				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39750		40620		41490	
Frequency (MHz)				2506		2593		2680	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	22.19	0.166	22.39	0.173	22.01	0.159
20	QPSK	1	49	22.10	0.162	22.18	0.165	21.90	0.155
20	QPSK	1	99	22.01	0.159	22.08	0.161	21.93	0.156
20	QPSK	50	0	21.06	0.128	21.27	0.134	20.98	0.125
20	QPSK	50	24	21.15	0.130	21.07	0.128	20.99	0.126
20	QPSK	50	50	21.07	0.128	21.16	0.131	20.97	0.125
20	QPSK	100	0	21.11	0.129	21.25	0.133	20.96	0.125
20	16QAM	1	0	21.39	0.138	21.37	0.137	21.44	0.139
20	16QAM	1	49	21.23	0.133	21.68	0.147	21.57	0.144
20	16QAM	1	99	21.26	0.134	21.22	0.132	21.49	0.141
20	16QAM	50	0	20.16	0.104	20.06	0.101	20.06	0.101
20	16QAM	50	24	20.19	0.104	20.06	0.101	19.97	0.099
20	16QAM	50	50	20.12	0.103	20.23	0.105	19.91	0.098
20	16QAM	100	0	20.12	0.103	20.10	0.102	19.86	0.097
20	64QAM	1	0	21.03	0.127	21.43	0.139	20.92	0.124
20	64QAM	1	49	20.85	0.122	21.36	0.137	21.02	0.126
20	64QAM	1	99	21.08	0.128	21.08	0.128	20.91	0.123
20	64QAM	50	0	20.11	0.103	20.14	0.103	19.95	0.099
20	64QAM	50	24	20.15	0.104	20.06	0.101	19.91	0.098
20	64QAM	50	50	20.18	0.104	20.07	0.102	19.94	0.099
20	64QAM	100	0	20.21	0.105	20.07	0.102	19.83	0.096



LTE Band 41				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39725		40620		41515	
Frequency (MHz)				2503.5		2593		2682.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	21.77	0.150	22.12	0.163	21.93	0.156
15	QPSK	1	37	22.06	0.161	21.98	0.158	21.90	0.155
15	QPSK	1	74	21.97	0.157	21.97	0.157	21.68	0.147
15	QPSK	36	0	21.01	0.126	21.05	0.127	20.99	0.126
15	QPSK	36	20	21.12	0.129	21.09	0.129	20.97	0.125
15	QPSK	36	39	21.03	0.127	21.08	0.128	21.00	0.126
15	QPSK	75	0	21.08	0.128	21.12	0.129	21.06	0.128
15	16QAM	1	0	21.11	0.129	21.42	0.139	21.25	0.133
15	16QAM	1	37	21.24	0.133	21.54	0.143	21.12	0.129
15	16QAM	1	74	21.29	0.135	21.41	0.138	21.30	0.135
15	16QAM	36	0	19.98	0.100	20.05	0.101	20.11	0.103
15	16QAM	36	20	20.13	0.103	20.22	0.105	19.97	0.099
15	16QAM	36	39	19.98	0.100	20.12	0.103	19.98	0.100
15	16QAM	75	0	20.06	0.101	20.08	0.102	19.96	0.099
15	64QAM	1	0	21.36	0.137	21.24	0.133	21.23	0.133
15	64QAM	1	37	21.07	0.128	20.87	0.122	21.20	0.132
15	64QAM	1	74	20.78	0.120	21.42	0.139	20.88	0.122
15	64QAM	36	0	20.07	0.102	20.09	0.102	20.03	0.101
15	64QAM	36	20	20.06	0.101	20.28	0.107	20.00	0.100
15	64QAM	36	39	20.10	0.102	20.17	0.104	19.95	0.099
15	64QAM	75	0	20.12	0.103	20.05	0.101	20.02	0.100



LTE Band 41				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39700		40620		41540	
Frequency (MHz)				2501		2593		2685	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	22.19	0.166	22.36	0.172	22.18	0.165
10	QPSK	1	25	22.29	0.169	22.28	0.169	22.14	0.164
10	QPSK	1	49	22.14	0.164	22.16	0.164	21.97	0.157
10	QPSK	25	0	21.22	0.132	21.31	0.135	21.11	0.129
10	QPSK	25	12	21.29	0.135	21.21	0.132	21.08	0.128
10	QPSK	25	25	21.27	0.134	21.32	0.136	21.11	0.129
10	QPSK	50	0	21.30	0.135	21.29	0.135	21.20	0.132
10	16QAM	1	0	21.70	0.148	21.58	0.144	21.52	0.142
10	16QAM	1	25	21.75	0.150	21.41	0.138	21.15	0.130
10	16QAM	1	49	21.56	0.143	21.50	0.141	21.33	0.136
10	16QAM	25	0	20.15	0.104	20.31	0.107	20.22	0.105
10	16QAM	25	12	20.28	0.107	20.31	0.107	20.25	0.106
10	16QAM	25	25	20.26	0.106	20.25	0.106	20.22	0.105
10	16QAM	50	0	20.34	0.108	20.30	0.107	20.20	0.105
10	64QAM	1	0	21.48	0.141	21.21	0.132	21.47	0.140
10	64QAM	1	25	21.55	0.143	21.27	0.134	21.37	0.137
10	64QAM	1	49	21.36	0.137	21.26	0.134	21.31	0.135
10	64QAM	25	0	20.26	0.106	20.25	0.106	20.11	0.103
10	64QAM	25	12	20.22	0.105	20.25	0.106	20.13	0.103
10	64QAM	25	25	20.32	0.108	20.26	0.106	20.18	0.104
10	64QAM	50	0	20.22	0.105	20.17	0.104	20.20	0.105





LTE Band 41				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39675		40620		41565	
Frequency (MHz)				2498.5		2593		2687.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	22.15	0.164	22.37	0.173	22.17	0.165
5	QPSK	1	12	22.25	0.168	22.27	0.169	22.30	0.170
5	QPSK	1	24	22.20	0.166	22.13	0.163	22.11	0.163
5	QPSK	12	0	21.24	0.133	21.18	0.131	21.12	0.129
5	QPSK	12	7	21.35	0.136	21.27	0.134	21.09	0.129
5	QPSK	12	13	21.18	0.131	21.26	0.134	21.12	0.129
5	QPSK	25	0	21.22	0.132	21.27	0.134	21.12	0.129
5	16QAM	1	0	21.22	0.132	21.58	0.144	21.46	0.140
5	16QAM	1	12	21.63	0.146	21.77	0.150	21.67	0.147
5	16QAM	1	24	21.56	0.143	21.57	0.144	21.29	0.135
5	16QAM	12	0	20.30	0.107	20.37	0.109	20.03	0.101
5	16QAM	12	7	20.45	0.111	20.37	0.109	20.16	0.104
5	16QAM	12	13	20.17	0.104	20.34	0.108	20.11	0.103
5	16QAM	25	0	20.23	0.105	20.28	0.107	20.24	0.106
5	64QAM	1	0	21.44	0.139	21.25	0.133	21.61	0.145
5	64QAM	1	12	21.22	0.132	21.63	0.146	21.35	0.136
5	64QAM	1	24	21.44	0.139	21.50	0.141	21.26	0.134
5	64QAM	12	0	20.38	0.109	20.30	0.107	20.17	0.104
5	64QAM	12	7	20.36	0.109	20.23	0.105	20.08	0.102
5	64QAM	12	13	20.28	0.107	20.41	0.110	20.20	0.105
5	64QAM	25	0	20.37	0.109	20.21	0.105	20.14	0.103



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				132072		132322		132572	
Frequency (MHz)				1720		1745		1770	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	22.21	0.166	22.42	0.175	22.17	0.165
20	QPSK	1	49	22.09	0.162	22.07	0.161	22.15	0.164
20	QPSK	1	99	22.04	0.160	22.27	0.169	22.12	0.163
20	QPSK	50	0	21.20	0.132	21.42	0.139	21.16	0.131
20	QPSK	50	24	21.25	0.133	21.28	0.134	21.21	0.132
20	QPSK	50	50	21.19	0.132	21.25	0.133	21.25	0.133
20	QPSK	100	0	21.26	0.134	21.36	0.137	21.16	0.131
20	16QAM	1	0	21.59	0.144	21.78	0.151	21.47	0.140
20	16QAM	1	49	21.47	0.140	21.60	0.145	21.50	0.141
20	16QAM	1	99	21.50	0.141	21.63	0.146	21.40	0.138
20	16QAM	50	0	20.17	0.104	20.29	0.107	20.28	0.107
20	16QAM	50	24	20.28	0.107	20.25	0.106	20.35	0.108
20	16QAM	50	50	20.27	0.106	20.34	0.108	20.14	0.103
20	16QAM	100	0	20.26	0.106	20.18	0.104	20.14	0.103
20	64QAM	1	0	20.89	0.123	21.21	0.132	21.09	0.129
20	64QAM	1	49	20.97	0.125	21.20	0.132	20.92	0.124
20	64QAM	1	99	20.89	0.123	20.88	0.122	21.09	0.129
20	64QAM	50	0	19.81	0.096	19.79	0.095	19.87	0.097
20	64QAM	50	24	19.83	0.096	19.90	0.098	19.74	0.094
20	64QAM	50	50	19.81	0.096	19.90	0.098	19.81	0.096
20	64QAM	100	0	19.85	0.097	19.73	0.094	19.86	0.097



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				132047		132322		132597	
Frequency (MHz)				1717.5		1745		1772.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	22.16	0.164	22.31	0.170	22.24	0.167
15	QPSK	1	37	22.22	0.167	22.10	0.162	22.19	0.166
15	QPSK	1	74	22.02	0.159	22.19	0.166	22.21	0.166
15	QPSK	36	0	21.16	0.131	21.48	0.141	21.18	0.131
15	QPSK	36	20	21.22	0.132	21.16	0.131	21.27	0.134
15	QPSK	36	39	21.22	0.132	21.29	0.135	21.16	0.131
15	QPSK	75	0	21.22	0.132	21.30	0.135	21.17	0.131
15	16QAM	1	0	21.38	0.137	21.51	0.142	21.58	0.144
15	16QAM	1	37	21.47	0.140	21.25	0.133	21.47	0.140
15	16QAM	1	74	21.34	0.136	21.28	0.134	21.39	0.138
15	16QAM	36	0	20.22	0.105	20.26	0.106	20.04	0.101
15	16QAM	36	20	20.26	0.106	20.24	0.106	20.30	0.107
15	16QAM	36	39	20.30	0.107	20.36	0.109	20.26	0.106
15	16QAM	75	0	20.22	0.105	20.15	0.104	20.29	0.107
15	64QAM	1	0	20.90	0.123	20.96	0.125	20.87	0.122
15	64QAM	1	37	20.76	0.119	20.82	0.121	20.72	0.118
15	64QAM	1	74	20.92	0.124	20.53	0.113	20.85	0.122
15	64QAM	36	0	19.72	0.094	19.83	0.096	19.83	0.096
15	64QAM	36	20	19.91	0.098	19.85	0.097	19.96	0.099
15	64QAM	36	39	19.98	0.100	19.86	0.097	19.78	0.095
15	64QAM	75	0	19.85	0.097	19.87	0.097	20.00	0.100



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				132022		132322		132622	
Frequency (MHz)				1715		1745		1775	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	22.15	0.164	22.36	0.172	22.11	0.163
10	QPSK	1	25	22.03	0.160	22.01	0.159	22.09	0.162
10	QPSK	1	49	21.98	0.158	22.21	0.166	22.06	0.161
10	QPSK	25	0	21.14	0.130	21.38	0.137	21.10	0.129
10	QPSK	25	12	21.19	0.132	21.22	0.132	21.15	0.130
10	QPSK	25	25	21.13	0.130	21.19	0.132	21.19	0.132
10	QPSK	50	0	21.20	0.132	21.04	0.127	21.10	0.129
10	16QAM	1	0	21.53	0.142	21.72	0.149	21.41	0.138
10	16QAM	1	25	21.41	0.138	21.54	0.143	21.44	0.139
10	16QAM	1	49	21.44	0.139	21.57	0.144	21.34	0.136
10	16QAM	25	0	20.11	0.103	20.23	0.105	20.22	0.105
10	16QAM	25	12	20.22	0.105	20.19	0.104	20.29	0.107
10	16QAM	25	25	20.21	0.105	20.28	0.107	20.08	0.102
10	16QAM	50	0	20.20	0.105	20.12	0.103	20.08	0.102
10	64QAM	1	0	20.83	0.121	21.15	0.130	21.03	0.127
10	64QAM	1	25	20.91	0.123	21.14	0.130	20.86	0.122
10	64QAM	1	49	20.83	0.121	20.82	0.121	21.03	0.127
10	64QAM	25	0	19.75	0.094	19.73	0.094	19.81	0.096
10	64QAM	25	12	19.77	0.095	19.84	0.096	19.68	0.093
10	64QAM	25	25	19.75	0.094	19.84	0.096	19.75	0.094
10	64QAM	50	0	19.79	0.095	19.67	0.093	19.80	0.095



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				131997		132322		132647	
Frequency (MHz)				1712.5		1745		1777.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	22.10	0.162	22.28	0.169	22.18	0.165
5	QPSK	1	12	22.16	0.164	22.04	0.160	22.13	0.163
5	QPSK	1	24	21.96	0.157	22.13	0.163	22.15	0.164
5	QPSK	12	0	21.10	0.129	21.32	0.136	21.12	0.129
5	QPSK	12	7	21.16	0.131	21.10	0.129	21.21	0.132
5	QPSK	12	13	21.16	0.131	21.23	0.133	21.10	0.129
5	QPSK	25	0	21.16	0.131	21.24	0.133	21.11	0.129
5	16QAM	1	0	21.32	0.136	21.45	0.140	21.52	0.142
5	16QAM	1	12	21.41	0.138	21.19	0.132	21.41	0.138
5	16QAM	1	24	21.28	0.134	21.22	0.132	21.33	0.136
5	16QAM	12	0	20.16	0.104	20.20	0.105	19.98	0.100
5	16QAM	12	7	20.20	0.105	20.18	0.104	20.24	0.106
5	16QAM	12	13	20.24	0.106	20.30	0.107	20.20	0.105
5	16QAM	25	0	20.16	0.104	20.09	0.102	20.23	0.105
5	64QAM	1	0	20.84	0.121	20.90	0.123	20.81	0.121
5	64QAM	1	12	20.70	0.117	20.76	0.119	20.66	0.116
5	64QAM	1	24	20.86	0.122	20.47	0.111	20.79	0.120
5	64QAM	12	0	19.66	0.092	19.77	0.095	19.77	0.095
5	64QAM	12	7	19.85	0.097	19.79	0.095	19.90	0.098
5	64QAM	12	13	19.92	0.098	19.80	0.095	19.72	0.094
5	64QAM	25	0	19.79	0.095	19.81	0.096	19.94	0.099



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				131987		132322		132657	
Frequency (MHz)				1711.5		1745		1778.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	22.14	0.164	22.35	0.172	22.10	0.162
3	QPSK	1	8	22.02	0.159	22.00	0.158	22.08	0.161
3	QPSK	1	14	21.97	0.157	22.20	0.166	22.05	0.160
3	QPSK	8	0	21.13	0.130	21.15	0.130	21.09	0.129
3	QPSK	8	4	21.18	0.131	21.21	0.132	21.14	0.130
3	QPSK	8	7	21.12	0.129	21.18	0.131	21.18	0.131
3	QPSK	15	0	21.19	0.132	21.03	0.127	21.09	0.129
3	16QAM	1	0	21.52	0.142	21.71	0.148	21.40	0.138
3	16QAM	1	8	21.40	0.138	21.53	0.142	21.43	0.139
3	16QAM	1	14	21.43	0.139	21.56	0.143	21.33	0.136
3	16QAM	8	0	20.10	0.102	20.22	0.105	20.21	0.105
3	16QAM	8	4	20.21	0.105	20.18	0.104	20.28	0.107
3	16QAM	8	7	20.20	0.105	20.27	0.106	20.07	0.102
3	16QAM	15	0	20.19	0.104	20.11	0.103	20.07	0.102
3	64QAM	1	0	20.82	0.121	21.14	0.130	21.02	0.126
3	64QAM	1	8	20.90	0.123	21.13	0.130	20.85	0.122
3	64QAM	1	14	20.82	0.121	20.81	0.121	21.02	0.126
3	64QAM	8	0	19.74	0.094	19.72	0.094	19.80	0.095
3	64QAM	8	4	19.76	0.095	19.83	0.096	19.67	0.093
3	64QAM	8	7	19.74	0.094	19.83	0.096	19.74	0.094
3	64QAM	15	0	19.78	0.095	19.66	0.092	19.79	0.095



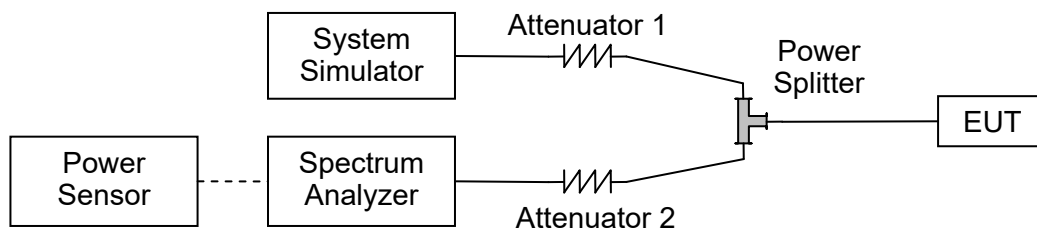
LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				131979		132322		132665	
Frequency (MHz)				1710.7		1745		1779.3	
				dBm		dBm		dBm	
				W		W		W	
1.4	QPSK	1	0	22.12	0.163	22.33	0.171	22.08	0.161
1.4	QPSK	1	3	22.00	0.158	21.98	0.158	22.06	0.161
1.4	QPSK	1	5	21.95	0.157	22.18	0.165	22.03	0.160
1.4	QPSK	3	0	21.11	0.129	21.13	0.130	21.07	0.128
1.4	QPSK	3	1	21.16	0.131	21.19	0.132	21.12	0.129
1.4	QPSK	3	3	21.10	0.129	21.16	0.131	21.16	0.131
1.4	QPSK	6	0	21.17	0.131	21.01	0.126	21.07	0.128
1.4	16QAM	1	0	21.50	0.141	21.69	0.148	21.38	0.137
1.4	16QAM	1	3	21.38	0.137	21.51	0.142	21.41	0.138
1.4	16QAM	1	5	21.41	0.138	21.54	0.143	21.31	0.135
1.4	16QAM	3	0	20.08	0.102	20.20	0.105	20.19	0.104
1.4	16QAM	3	1	20.19	0.104	20.16	0.104	20.26	0.106
1.4	16QAM	3	3	20.18	0.104	20.25	0.106	20.05	0.101
1.4	16QAM	6	0	20.17	0.104	20.09	0.102	20.05	0.101
1.4	64QAM	1	0	20.80	0.120	21.12	0.129	21.00	0.126
1.4	64QAM	1	3	20.88	0.122	21.11	0.129	20.83	0.121
1.4	64QAM	1	5	20.80	0.120	20.79	0.120	21.00	0.126
1.4	64QAM	3	0	19.72	0.094	19.70	0.093	19.78	0.095
1.4	64QAM	3	1	19.74	0.094	19.81	0.096	19.65	0.092
1.4	64QAM	3	3	19.72	0.094	19.81	0.096	19.72	0.094
1.4	64QAM	6	0	19.76	0.095	19.64	0.092	19.77	0.095

## 2.2. Occupied Bandwidth

### 2.2.1. Requirement

According to FCC section 2.1049, the occupied bandwidth is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers radiated are each equal to 0.5 percent of the total mean power radiated by a given emission. Occupied bandwidth is also known as the 99% emission bandwidth.

### 2.2.2. Test Description



The EUT is coupled to the Spectrum Analyzer (SA) and the System Simulator (SS) with Attenuators through the Power Splitter; the RF load attached to the EUT antenna terminal is 50Ohm; the path loss as the factor is calibrated to correct the reading. The EUT is commanded by the SS to operate at the maximum output power. A call is established between the EUT and the SS.

### 2.2.3. Test Procedure

KDB 971168 D01v03 Section 4.1 and ANSI/TIA-603-E-2016.

### 2.2.4. Test Result





LTE Band 2				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.10	1.33
	Low	16QAM	1.11	1.35
	Low	64QAM	1.10	1.36
	Mid	QPSK	1.10	1.38
	Mid	16QAM	1.11	1.38
	Mid	64QAM	1.10	1.34
	High	QPSK	1.10	1.35
	High	16QAM	1.10	1.37
	High	64QAM	1.11	1.36
3	Low	QPSK	2.73	3.06
	Low	16QAM	2.72	3.10
	Low	64QAM	2.73	3.02
	Mid	QPSK	2.71	3.05
	Mid	16QAM	2.72	3.09
	Mid	64QAM	2.72	3.05
	High	QPSK	2.72	3.08
	High	16QAM	2.72	3.05
	High	64QAM	2.72	3.06
5	Low	QPSK	4.52	5.11
	Low	16QAM	4.52	5.15
	Low	64QAM	4.51	5.19
	Mid	QPSK	4.51	5.18
	Mid	16QAM	4.53	5.20
	Mid	64QAM	4.53	5.11
	High	QPSK	4.53	5.17
	High	16QAM	4.52	5.22
	High	64QAM	4.52	5.16
10	Low	QPSK	9.01	10.05
	Low	16QAM	9.01	10.03
	Low	64QAM	9.02	9.96
	Mid	QPSK	9.00	9.95
	Mid	16QAM	9.04	10.05
	Mid	64QAM	9.02	10.06
	High	QPSK	8.99	10.20
	High	16QAM	9.00	10.03
	High	64QAM	9.04	10.01



15	Low	QPSK	13.49	14.89
	Low	16QAM	13.52	14.75
	Low	64QAM	13.51	14.89
	Mid	QPSK	13.50	14.81
	Mid	16QAM	13.50	14.89
	Mid	64QAM	13.50	14.94
	High	QPSK	13.49	14.93
	High	16QAM	13.49	14.97
	High	64QAM	13.46	14.82
20	Low	QPSK	18.02	19.87
	Low	16QAM	17.99	19.74
	Low	64QAM	18.00	19.65
	Mid	QPSK	18.02	19.71
	Mid	16QAM	18.00	19.81
	Mid	64QAM	17.95	19.55
	High	QPSK	17.98	19.78
	High	16QAM	17.95	19.73
	High	64QAM	17.95	19.73



LTE Band 4				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.10	1.35
	Low	16QAM	1.11	1.37
	Low	64QAM	1.11	1.39
	Mid	QPSK	1.10	1.34
	Mid	16QAM	1.11	1.36
	Mid	64QAM	1.10	1.35
	High	QPSK	1.10	1.36
	High	16QAM	1.11	1.37
	High	64QAM	1.11	1.35
3	Low	QPSK	2.71	3.07
	Low	16QAM	2.71	3.07
	Low	64QAM	2.72	3.08
	Mid	QPSK	2.71	3.08
	Mid	16QAM	2.73	3.09
	Mid	64QAM	2.72	3.06
	High	QPSK	2.72	3.08
	High	16QAM	2.72	3.11
	High	64QAM	2.72	3.07
5	Low	QPSK	4.53	5.16
	Low	16QAM	4.53	5.11
	Low	64QAM	4.53	5.12
	Mid	QPSK	4.52	5.09
	Mid	16QAM	4.52	5.15
	Mid	64QAM	4.52	5.15
	High	QPSK	4.54	5.18
	High	16QAM	4.52	5.11
	High	64QAM	4.51	5.12
10	Low	QPSK	8.98	9.98
	Low	16QAM	9.00	10.06
	Low	64QAM	8.99	10.14
	Mid	QPSK	9.01	10.18
	Mid	16QAM	9.01	10.19
	Mid	64QAM	9.02	10.08
	High	QPSK	9.02	10.05
	High	16QAM	9.03	10.06
	High	64QAM	9.01	10.09



15	Low	QPSK	13.48	14.9
	Low	16QAM	13.49	14.91
	Low	64QAM	13.50	14.93
	Mid	QPSK	13.50	14.92
	Mid	16QAM	13.48	14.84
	Mid	64QAM	13.51	14.88
	High	QPSK	13.50	15.08
	High	16QAM	13.50	14.98
	High	64QAM	13.49	14.86
20	Low	QPSK	17.99	19.91
	Low	16QAM	18.00	19.81
	Low	64QAM	18.00	19.62
	Mid	QPSK	18.02	19.77
	Mid	16QAM	18.02	19.84
	Mid	64QAM	18.02	19.90
	High	QPSK	18.00	19.79
	High	16QAM	18.00	19.78
	High	64QAM	18.07	19.73



LTE Band 5				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.10	1.34
	Low	16QAM	1.11	1.39
	Low	64QAM	1.11	1.36
	Mid	QPSK	1.11	1.34
	Mid	16QAM	1.11	1.38
	Mid	64QAM	1.11	1.35
	High	QPSK	1.11	1.37
	High	16QAM	1.11	1.38
	High	64QAM	1.10	1.33
3	Low	QPSK	2.72	3.08
	Low	16QAM	2.72	3.07
	Low	64QAM	2.72	3.05
	Mid	QPSK	2.71	3.10
	Mid	16QAM	2.72	3.08
	Mid	64QAM	2.72	3.04
	High	QPSK	2.71	3.08
	High	16QAM	2.71	3.08
	High	64QAM	2.71	3.10
5	Low	QPSK	4.52	5.14
	Low	16QAM	4.53	5.10
	Low	64QAM	4.52	5.20
	Mid	QPSK	4.54	5.21
	Mid	16QAM	4.51	5.12
	Mid	64QAM	4.52	5.11
	High	QPSK	4.53	5.16
	High	16QAM	4.53	5.10
	High	64QAM	4.51	5.13
10	Low	QPSK	8.99	10.19
	Low	16QAM	9.00	9.95
	Low	64QAM	9.00	10.05
	Mid	QPSK	8.98	10.07
	Mid	16QAM	9.02	9.89
	Mid	64QAM	9.01	10.00
	High	QPSK	9.01	10.09
	High	16QAM	9.01	9.95
	High	64QAM	8.98	9.87



LTE Band 7				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.51	5.26
	Low	16QAM	4.53	5.17
	Low	64QAM	4.51	5.12
	Mid	QPSK	4.53	5.18
	Mid	16QAM	4.52	5.10
	Mid	64QAM	4.51	5.16
	High	QPSK	4.53	5.15
	High	16QAM	4.52	5.05
	High	64QAM	4.52	5.12
10	Low	QPSK	9.02	10.14
	Low	16QAM	9.04	10.01
	Low	64QAM	9.02	10.01
	Mid	QPSK	9.01	10.13
	Mid	16QAM	9.02	10.20
	Mid	64QAM	9.02	10.09
	High	QPSK	9.03	10.11
	High	16QAM	9.04	9.97
	High	64QAM	9.01	9.99
15	Low	QPSK	13.53	14.87
	Low	16QAM	13.52	14.87
	Low	64QAM	13.50	14.90
	Mid	QPSK	13.54	14.89
	Mid	16QAM	13.51	15.01
	Mid	64QAM	13.54	14.92
	High	QPSK	13.51	15.00
	High	16QAM	13.50	14.96
	High	64QAM	13.50	15.11
20	Low	QPSK	17.97	19.85
	Low	16QAM	18.02	19.62
	Low	64QAM	18.02	19.66
	Mid	QPSK	18.01	19.83
	Mid	16QAM	18.04	19.82
	Mid	64QAM	18.07	19.99
	High	QPSK	18.01	19.88
	High	16QAM	18.03	19.97
	High	64QAM	18.02	19.61



LTE Band 12				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.10	1.34
	Low	16QAM	1.11	1.36
	Low	64QAM	1.11	1.39
	Mid	QPSK	1.10	1.36
	Mid	16QAM	1.11	1.36
	Mid	64QAM	1.10	1.38
	High	QPSK	1.10	1.38
	High	16QAM	1.11	1.36
	High	64QAM	1.10	1.37
3	Low	QPSK	2.71	3.05
	Low	16QAM	2.71	3.08
	Low	64QAM	2.72	3.04
	Mid	QPSK	2.71	3.07
	Mid	16QAM	2.71	3.10
	Mid	64QAM	2.71	3.09
	High	QPSK	2.72	3.09
	High	16QAM	2.72	3.08
	High	64QAM	2.72	3.06
5	Low	QPSK	4.53	5.10
	Low	16QAM	4.53	5.18
	Low	64QAM	4.52	5.12
	Mid	QPSK	4.53	5.16
	Mid	16QAM	4.53	5.13
	Mid	64QAM	4.53	5.19
	High	QPSK	4.52	5.06
	High	16QAM	4.53	5.16
	High	64QAM	4.52	5.14
10	Low	QPSK	8.98	9.91
	Low	16QAM	9.01	9.96
	Low	64QAM	9.01	9.98
	Mid	QPSK	9.01	10.03
	Mid	16QAM	9.03	9.94
	Mid	64QAM	9.03	10.07
	High	QPSK	9.01	9.92
	High	16QAM	8.98	9.95
	High	64QAM	9.00	10.15



LTE Band 17				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.52	5.22
	Low	16QAM	4.51	5.15
	Low	64QAM	4.52	5.10
	Mid	QPSK	4.51	5.23
	Mid	16QAM	4.54	5.08
	Mid	64QAM	4.53	5.22
	High	QPSK	4.50	5.16
	High	16QAM	4.50	5.15
	High	64QAM	4.50	5.07
10	Low	QPSK	9.00	10.07
	Low	16QAM	9.02	10.02
	Low	64QAM	9.03	10.17
	Mid	QPSK	8.99	10.11
	Mid	16QAM	8.98	9.98
	Mid	64QAM	9.00	9.95
	High	QPSK	9.02	10.06
	High	16QAM	9.00	9.90
	High	64QAM	9.01	9.95





LTE Band 18				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.50	5.04
	Low	16QAM	4.50	5.19
	Low	64QAM	4.51	5.10
	Mid	QPSK	4.51	5.14
	Mid	16QAM	4.51	5.10
	Mid	64QAM	4.52	5.07
	High	QPSK	4.51	5.15
	High	16QAM	4.51	5.10
	High	64QAM	4.50	5.07



LTE Band 19				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.51	5.12
	Low	16QAM	4.52	5.13
	Low	64QAM	4.51	5.07
	Mid	QPSK	4.51	5.12
	Mid	16QAM	4.53	5.16
	Mid	64QAM	4.52	5.21
	High	QPSK	4.52	5.16
	High	16QAM	4.53	5.12
	High	64QAM	4.51	5.14
10	Low	QPSK	9.00	9.92
	Low	16QAM	8.99	10.04
	Low	64QAM	9.00	10.06
	Mid	QPSK	8.99	10.0
	Mid	16QAM	9.01	10.01
	Mid	64QAM	9.00	10.01
	High	QPSK	8.98	10.12
	High	16QAM	8.98	9.98
	High	64QAM	9.02	10.04
15	Low	QPSK	13.50	14.92
	Low	16QAM	13.49	14.98
	Low	64QAM	13.49	14.28
	Mid	QPSK	13.50	14.95
	Mid	16QAM	13.49	14.95
	Mid	64QAM	13.50	14.98
	High	QPSK	13.48	15.07
	High	16QAM	13.51	14.91
	High	64QAM	13.49	15.01



LTE Band 26				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.11	1.36
	Low	16QAM	1.10	1.37
	Low	64QAM	1.10	1.39
	Mid	QPSK	1.10	1.36
	Mid	16QAM	1.10	1.38
	Mid	64QAM	1.10	1.36
	High	QPSK	1.10	1.34
	High	16QAM	1.10	1.37
	High	64QAM	1.10	1.36
3	Low	QPSK	2.72	3.09
	Low	16QAM	2.71	3.06
	Low	64QAM	2.71	3.07
	Mid	QPSK	2.72	3.07
	Mid	16QAM	2.71	3.07
	Mid	64QAM	2.71	3.06
	High	QPSK	2.71	3.05
	High	16QAM	2.71	3.03
	High	64QAM	2.71	3.09
5	Low	QPSK	4.51	5.08
	Low	16QAM	4.51	5.12
	Low	64QAM	4.52	5.19
	Mid	QPSK	4.52	5.17
	Mid	16QAM	4.52	5.09
	Mid	64QAM	4.52	5.14
	High	QPSK	4.50	5.11
	High	16QAM	4.52	5.07
	High	64QAM	4.51	5.13
10	Low	QPSK	9.02	10.00
	Low	16QAM	9.01	10.02
	Low	64QAM	9.00	9.98
	Mid	QPSK	8.99	9.92
	Mid	16QAM	8.97	9.94
	Mid	64QAM	8.98	10.06
	High	QPSK	8.98	9.96
	High	16QAM	8.97	9.93
	High	64QAM	8.98	9.88



15	Low	QPSK	13.47	14.77
	Low	16QAM	13.46	14.79
	Low	64QAM	13.45	14.93
	Mid	QPSK	13.47	14.93
	Mid	16QAM	13.47	14.82
	Mid	64QAM	13.50	14.80
	High	QPSK	13.47	14.71
	High	16QAM	13.47	14.91
	High	64QAM	13.45	14.97



LTE Band 38				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.52	5.20
	Low	16QAM	4.51	5.13
	Low	64QAM	4.53	5.24
	Mid	QPSK	4.51	5.24
	Mid	16QAM	4.52	5.17
	Mid	64QAM	4.51	5.11
	High	QPSK	4.53	5.34
	High	16QAM	4.51	5.12
	High	64QAM	4.53	5.12
10	Low	QPSK	8.99	10.02
	Low	16QAM	9.00	10.57
	Low	64QAM	8.99	10.63
	Mid	QPSK	9.00	10.33
	Mid	16QAM	9.01	10.87
	Mid	64QAM	9.00	10.25
	High	QPSK	9.01	10.76
	High	16QAM	9.01	10.11
	High	64QAM	9.00	10.32
15	Low	QPSK	13.48	15.09
	Low	16QAM	13.49	14.98
	Low	64QAM	13.49	15.89
	Mid	QPSK	13.48	14.83
	Mid	16QAM	13.50	15.03
	Mid	64QAM	13.50	15.62
	High	QPSK	13.47	15.30
	High	16QAM	13.50	15.42
	High	64QAM	13.50	15.17
20	Low	QPSK	18.02	21.55
	Low	16QAM	17.96	20.76
	Low	64QAM	18.01	20.75
	Mid	QPSK	18.04	21.04
	Mid	16QAM	18.03	20.98
	Mid	64QAM	17.99	20.78
	High	QPSK	18.01	20.46
	High	16QAM	18.00	20.38
	High	64QAM	18.01	19.96



LTE Band 40, Block A				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.51	5.15
	Low	16QAM	4.51	5.02
	Low	64QAM	4.53	5.19
	Mid	QPSK	4.53	5.19
	Mid	16QAM	4.51	4.95
	Mid	64QAM	4.52	5.23
	High	QPSK	4.53	5.26
	High	16QAM	4.52	5.19
10	High	64QAM	4.53	5.17
	Mid	QPSK	9.00	10.57
	Mid	16QAM	8.99	10.39
	Mid	64QAM	9.01	9.98

LTE Band 40, Block B				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.53	5.21
	Low	16QAM	4.53	5.21
	Low	64QAM	4.53	5.15
	Mid	QPSK	4.51	5.05
	Mid	16QAM	4.50	5.03
	Mid	64QAM	4.51	5.08
	High	QPSK	4.52	5.16
	High	16QAM	4.51	5.38
	High	64QAM	4.52	5.38
10	Mid	QPSK	9.03	10.65
	Mid	16QAM	9.02	10.61
	Mid	64QAM	9.00	10.49



LTE Band 41				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.54	5.12
	Low	16QAM	4.52	5.16
	Low	64QAM	4.52	5.14
	Mid	QPSK	4.53	5.24
	Mid	16QAM	4.52	5.15
	Mid	64QAM	4.51	5.17
	High	QPSK	4.53	5.22
	High	16QAM	4.52	5.31
	High	64QAM	4.52	5.26
10	Low	QPSK	9.00	9.97
	Low	16QAM	9.05	10.18
	Low	64QAM	9.01	10.47
	Mid	QPSK	9.02	10.86
	Mid	16QAM	9.01	10.23
	Mid	64QAM	9.02	10.48
	High	QPSK	9.04	10.78
	High	16QAM	9.01	10.26
	High	64QAM	9.03	9.98
15	Low	QPSK	13.48	15.22
	Low	16QAM	13.52	15.94
	Low	64QAM	13.47	15.55
	Mid	QPSK	13.47	15.23
	Mid	16QAM	13.50	15.00
	Mid	64QAM	13.50	15.42
	High	QPSK	13.51	14.91
	High	16QAM	13.55	15.26
	High	64QAM	13.54	15.22
20	Low	QPSK	18.01	21.46
	Low	16QAM	17.99	21.61
	Low	64QAM	18.00	19.63
	Mid	QPSK	18.02	21.10
	Mid	16QAM	17.99	22.35
	Mid	64QAM	18.00	20.20
	High	QPSK	18.00	20.98
	High	16QAM	18.05	20.14
	High	64QAM	18.02	20.29



LTE Band 66				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.10	1.36
	Low	16QAM	1.11	1.37
	Low	64QAM	1.11	1.32
	Mid	QPSK	1.11	1.34
	Mid	16QAM	1.10	1.35
	Mid	64QAM	1.10	1.35
	High	QPSK	1.10	1.38
	High	16QAM	1.11	1.38
	High	64QAM	1.10	1.37
3	Low	QPSK	2.72	3.10
	Low	16QAM	2.72	3.09
	Low	64QAM	2.72	3.04
	Mid	QPSK	2.72	3.05
	Mid	16QAM	2.72	3.07
	Mid	64QAM	2.72	3.06
	High	QPSK	2.71	3.04
	High	16QAM	2.72	3.06
	High	64QAM	2.72	3.07
5	Low	QPSK	4.52	5.19
	Low	16QAM	4.55	5.09
	Low	64QAM	4.51	5.14
	Mid	QPSK	4.53	5.19
	Mid	16QAM	4.53	5.13
	Mid	64QAM	4.53	5.18
	High	QPSK	4.52	5.16
	High	16QAM	4.51	5.22
	High	64QAM	4.51	5.09
10	Low	QPSK	9.03	10.08
	Low	16QAM	9.02	9.96
	Low	64QAM	9.03	10.02
	Mid	QPSK	9.00	10.11
	Mid	16QAM	9.03	10.05
	Mid	64QAM	9.02	10.06
	High	QPSK	8.99	9.98
	High	16QAM	9.02	10.04
	High	64QAM	9.02	9.99

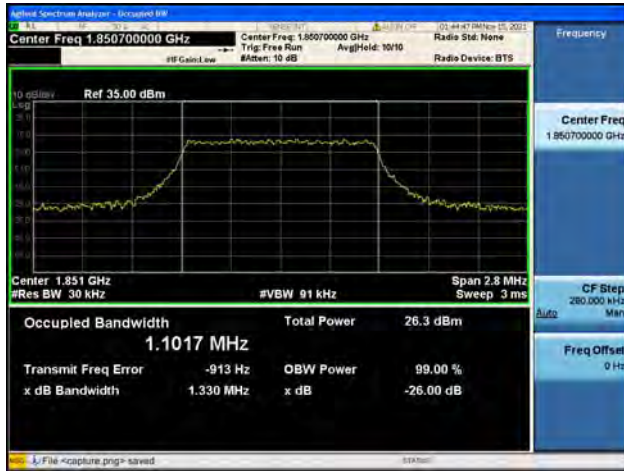




15	Low	QPSK	13.47	14.9
	Low	16QAM	13.50	14.83
	Low	64QAM	13.51	14.89
	Mid	QPSK	13.51	14.84
	Mid	16QAM	13.48	14.81
	Mid	64QAM	13.54	15.06
	High	QPSK	13.47	14.93
	High	16QAM	13.51	14.97
	High	64QAM	13.48	14.85
20	Low	QPSK	17.98	19.86
	Low	16QAM	17.98	19.87
	Low	64QAM	18.00	19.86
	Mid	QPSK	18.01	19.91
	Mid	16QAM	18.01	19.74
	Mid	64QAM	18.00	19.75
	High	QPSK	18.03	19.81
	High	16QAM	18.01	19.72
	High	64QAM	17.96	19.58



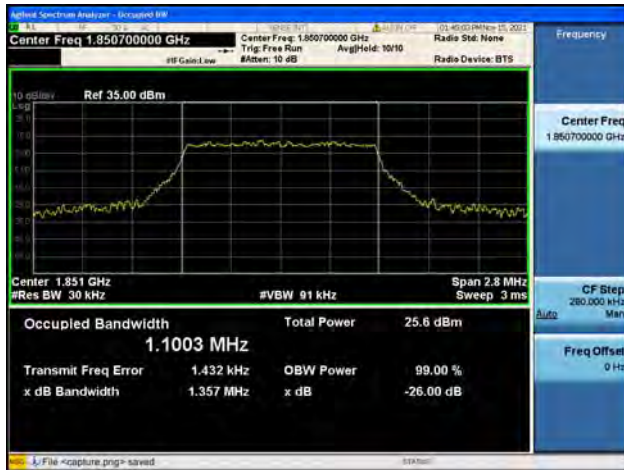
Band2 / 1.4MHz / Low CH / QPSK



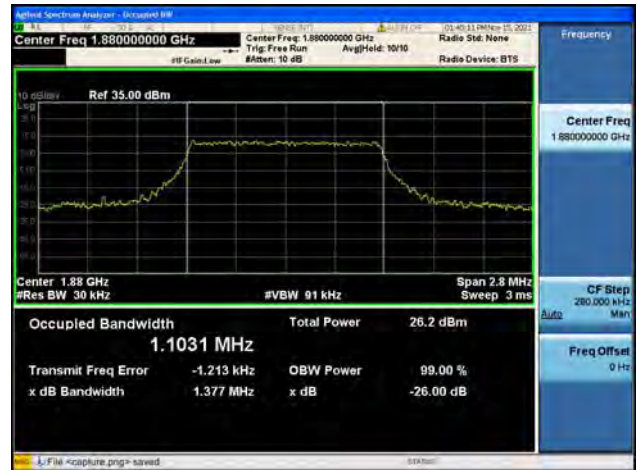
Band2 / 1.4MHz / Low CH / 16QAM



Band2 / 1.4MHz / Low CH / 64QAM



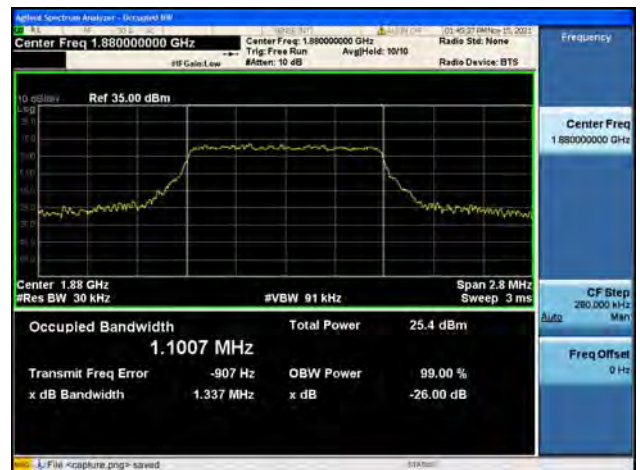
Band2 / 1.4MHz / Mid CH / QPSK



Band2 / 1.4MHz / Mid CH / 16QAM

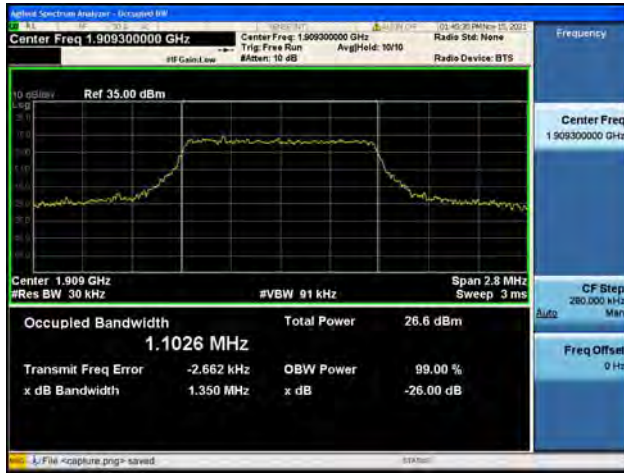


Band2 / 1.4MHz / Mid CH / 64QAM





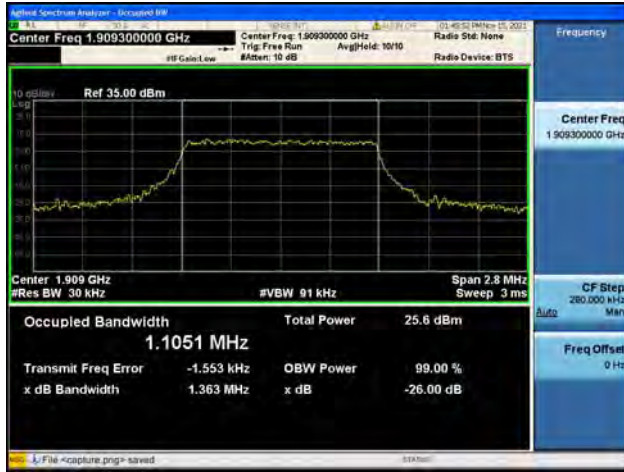
Band2 / 1.4MHz / High CH / QPSK



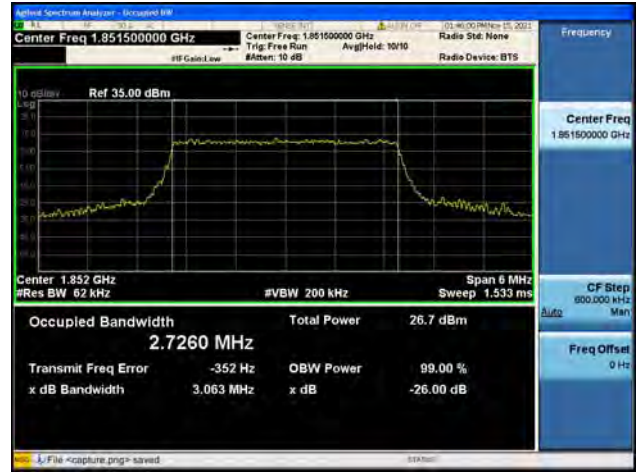
Band2 / 1.4MHz / High CH / 16QAM



Band2 / 1.4MHz / High CH / 64QAM



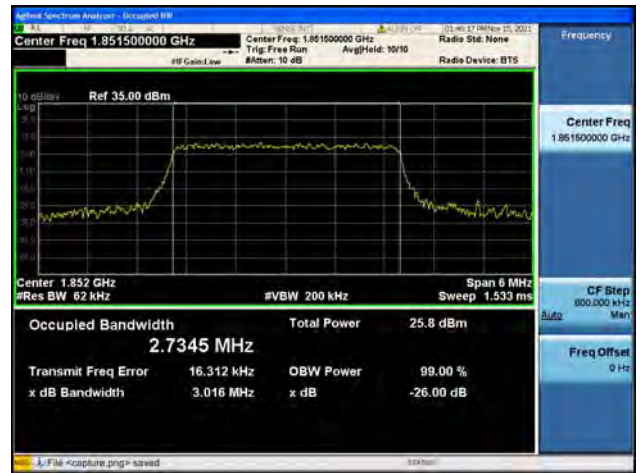
Band2 / 3MHz / Low CH / QPSK



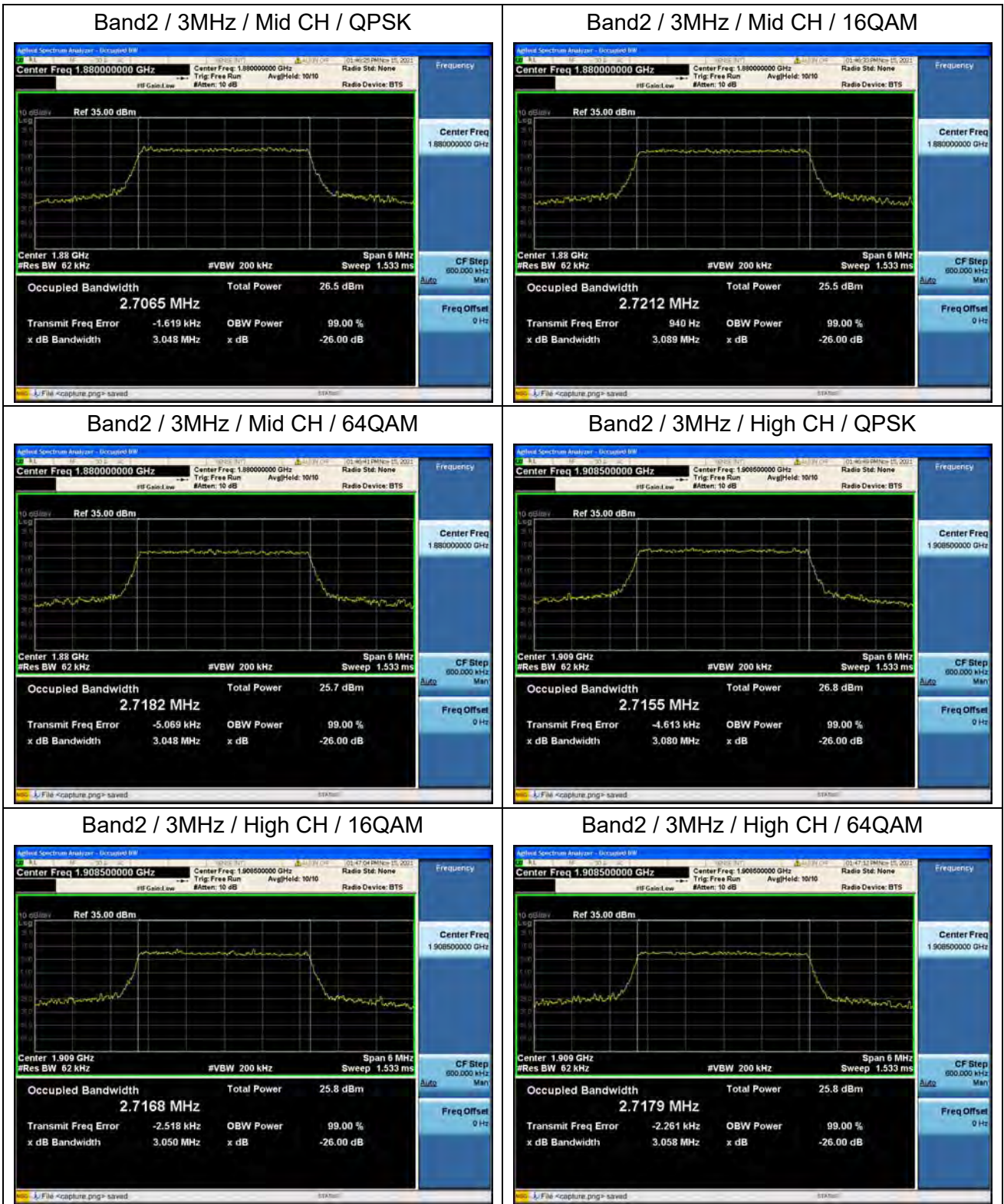
Band2 / 3MHz / Low CH / 16QAM



Band2 / 3MHz / Low CH / 64QAM









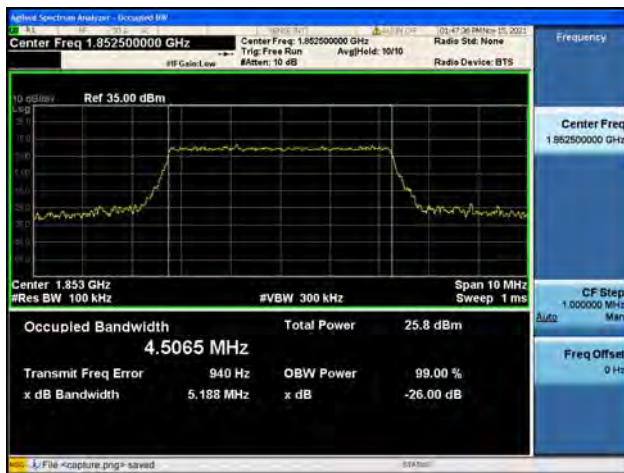
Band2 / 5MHz / Low CH / QPSK



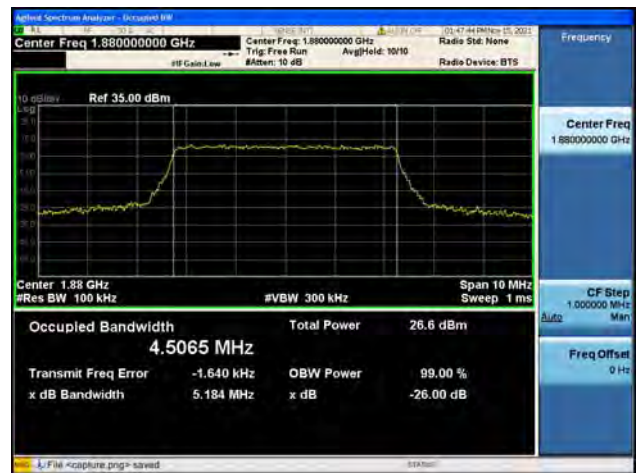
Band2 / 5MHz / Low CH / 16QAM



Band2 / 5MHz / Low CH / 64QAM



Band2 / 5MHz / Mid CH / QPSK



Band2 / 5MHz / Mid CH / 16QAM



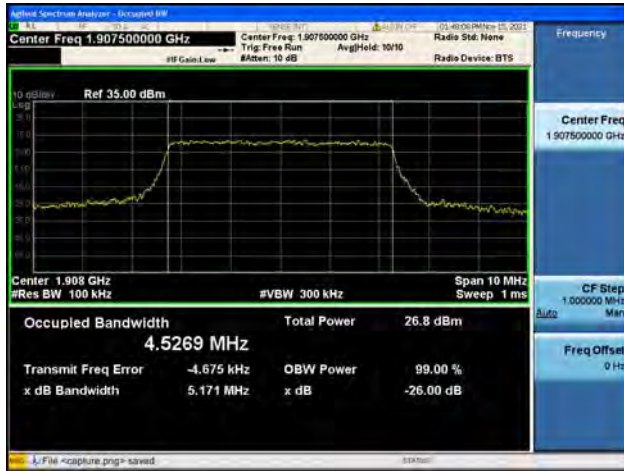
Band2 / 5MHz / Mid CH / 64QAM







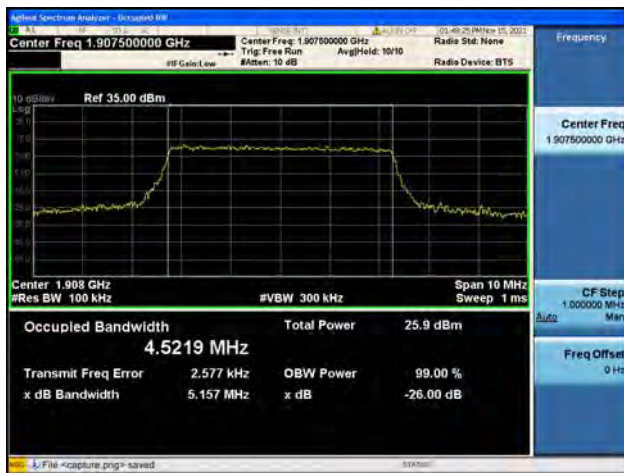
Band2 / 5MHz / High CH / QPSK



Band2 / 5MHz / High CH / 16QAM



Band2 / 5MHz / High CH / 64QAM



Band2 / 10MHz / Low CH / QPSK



Band2 / 10MHz / Low CH / 16QAM

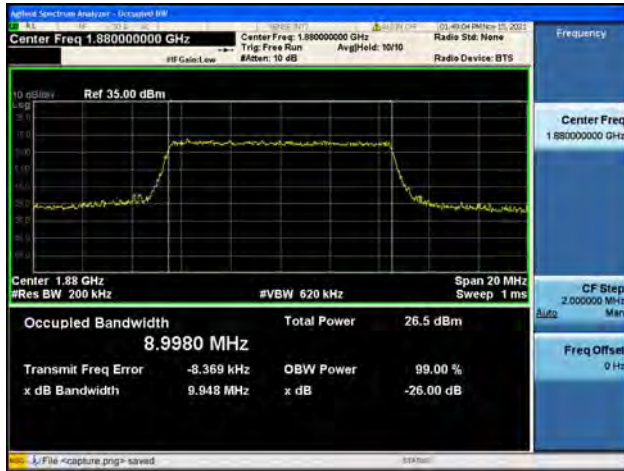


Band2 / 10MHz / Low CH / 64QAM





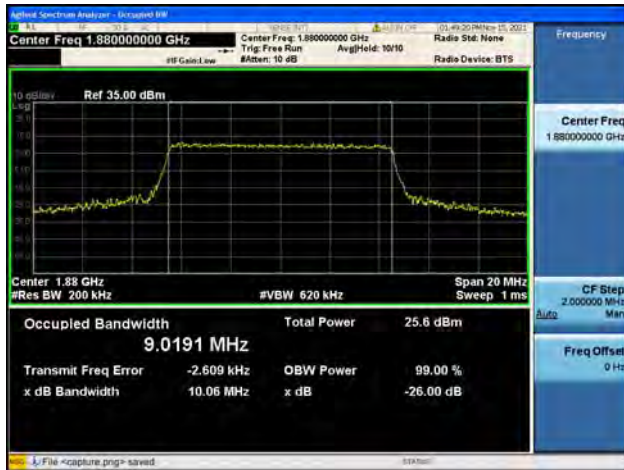
Band2 / 10MHz / Mid CH / QPSK



Band2 / 10MHz / Mid CH / 16QAM



Band2 / 10MHz / Mid CH / 64QAM



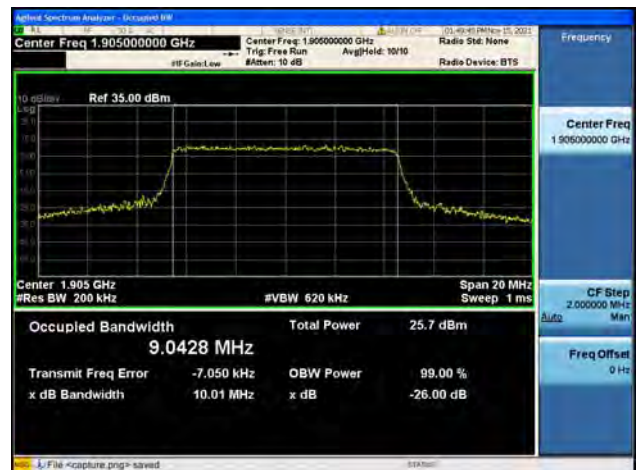
Band2 / 10MHz / High CH / QPSK



Band2 / 10MHz / High CH / 16QAM



Band2 / 10MHz / High CH / 64QAM







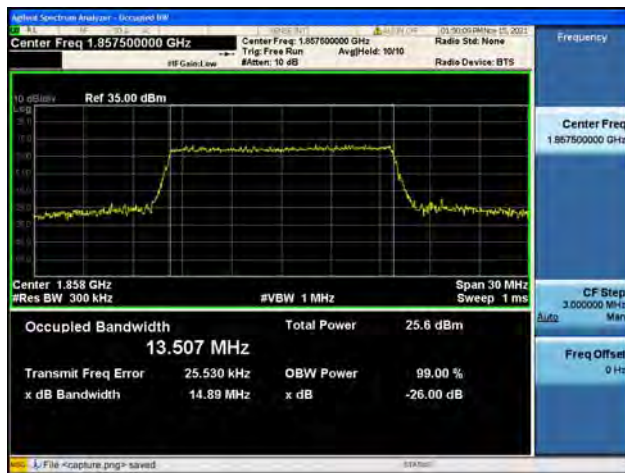
Band2 / 15MHz / Low CH / QPSK



Band2 / 15MHz / Low CH / 16QAM



Band2 / 15MHz / Low CH / 64QAM



Band2 / 15MHz / Mid CH / QPSK



Band2 / 15MHz / Mid CH / 16QAM



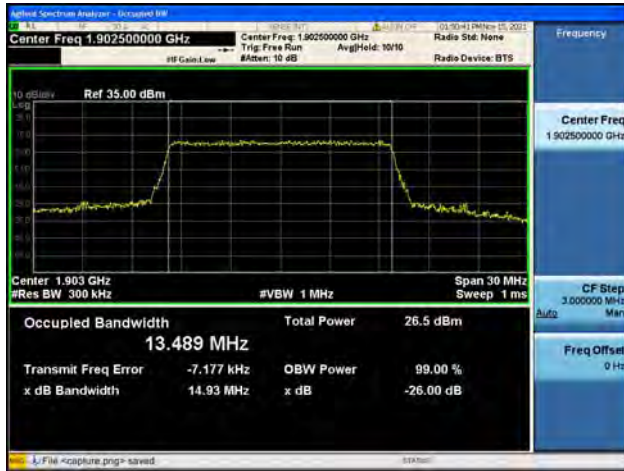
Band2 / 15MHz / Mid CH / 64QAM







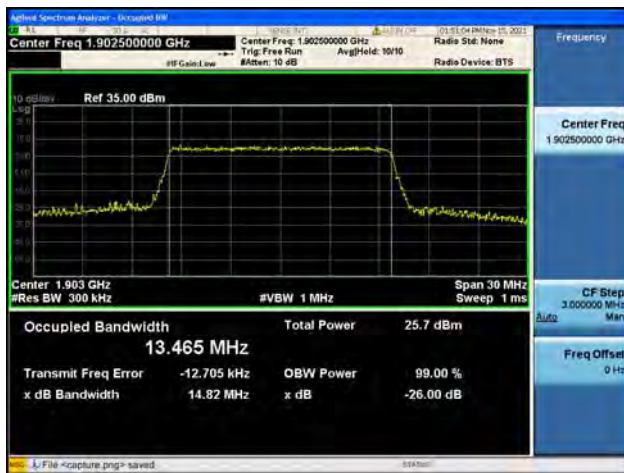
Band2 / 15MHz / High CH / QPSK



Band2 / 15MHz / High CH / 16QAM



Band2 / 15MHz / High CH / 64QAM



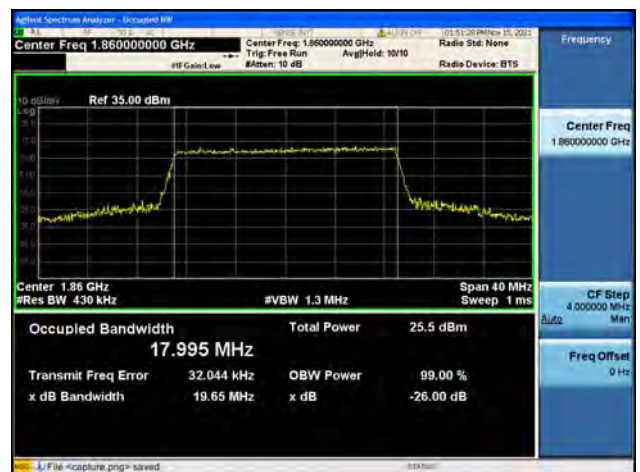
Band2 / 20MHz / Low CH / QPSK



Band2 / 20MHz / Low CH / 16QAM

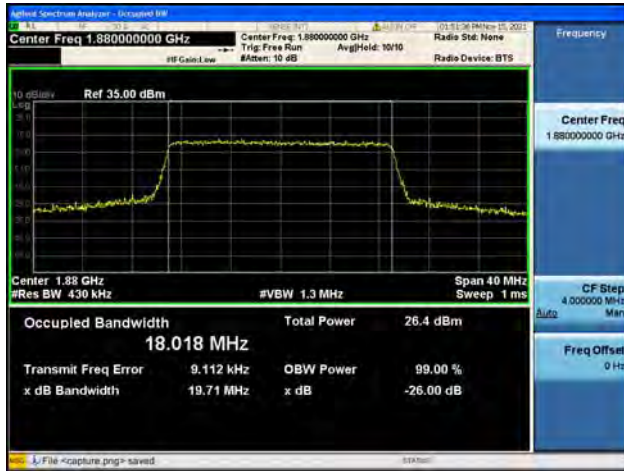


Band2 / 20MHz / Low CH / 64QAM





Band2 / 20MHz / Mid CH / QPSK



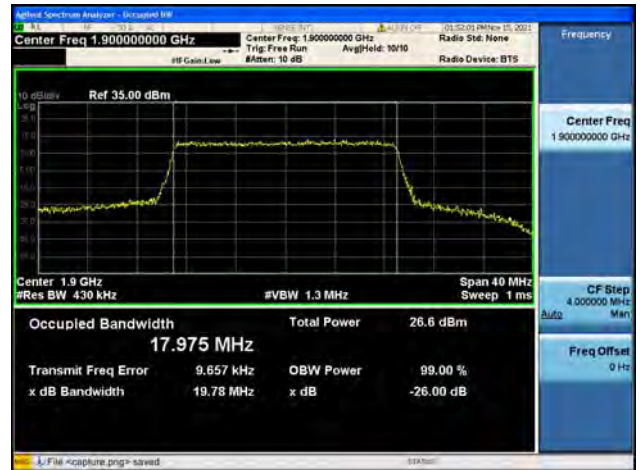
Band2 / 20MHz / Mid CH / 16QAM



Band2 / 20MHz / Mid CH / 64QAM



Band2 / 20MHz / High CH / QPSK



Band2 / 20MHz / High CH / 16QAM



Band2 / 20MHz / High CH / 64QAM







Band4 / 1.4MHz / Low CH / QPSK



Band4 / 1.4MHz / Low CH / 16QAM



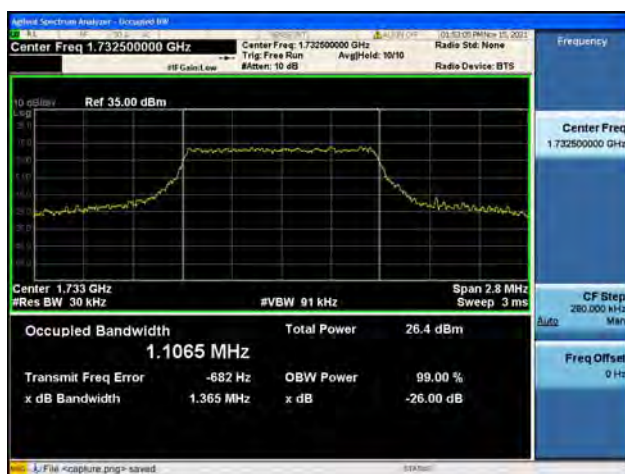
Band4 / 1.4MHz / Low CH / 64QAM



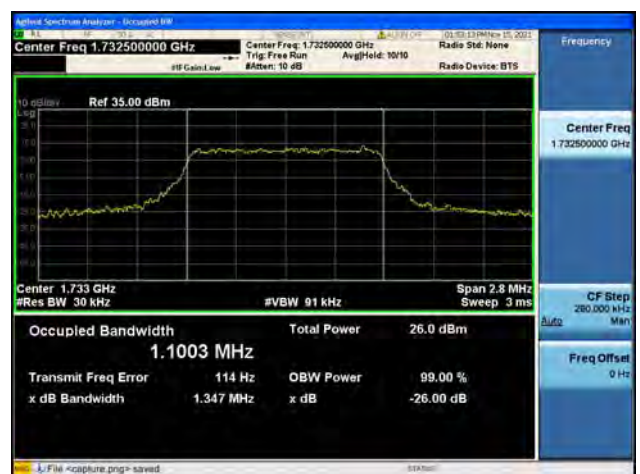
Band4 / 1.4MHz / Mid CH / QPSK

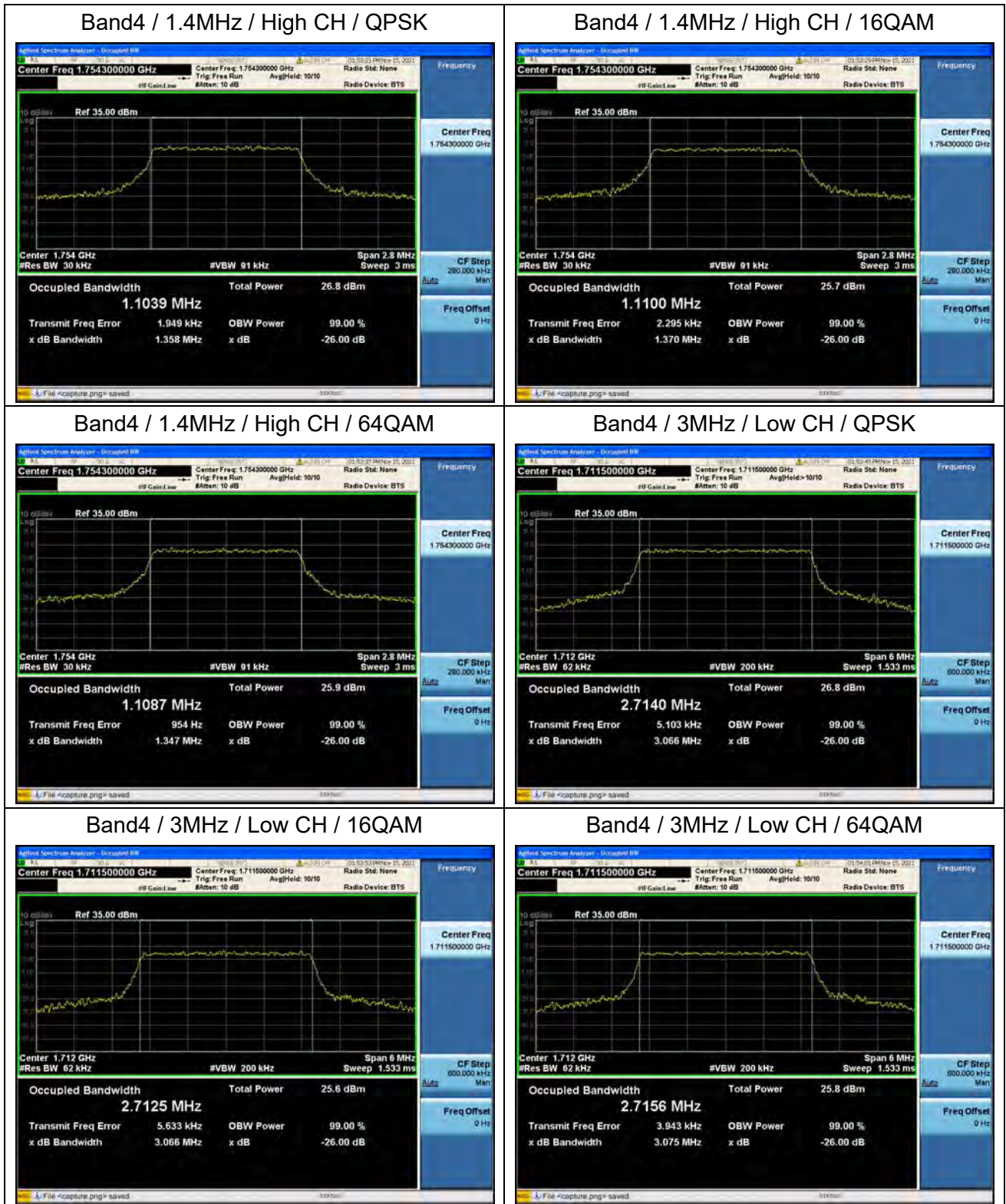


Band4 / 1.4MHz / Mid CH / 16QAM

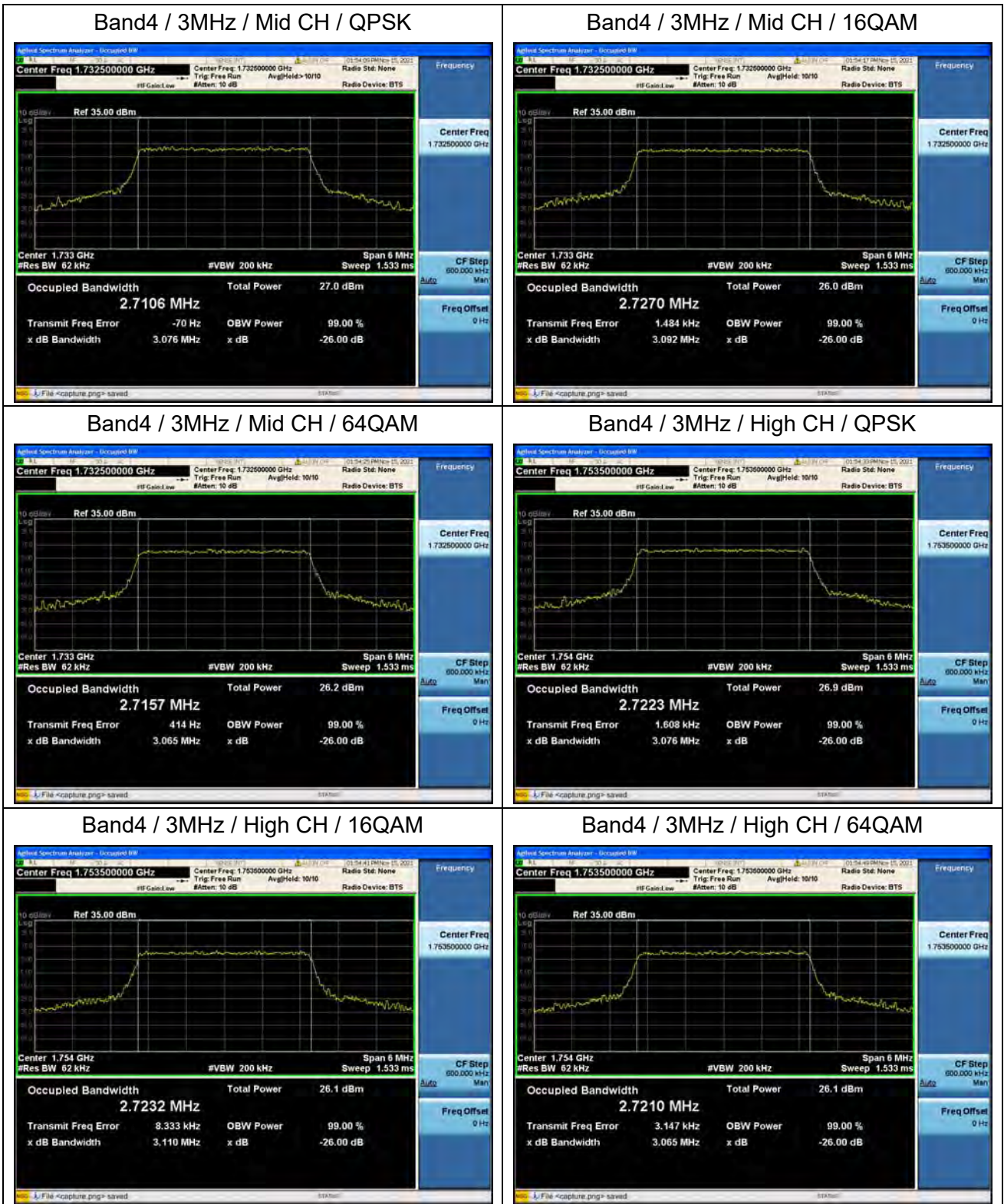


Band4 / 1.4MHz / Mid CH / 64QAM







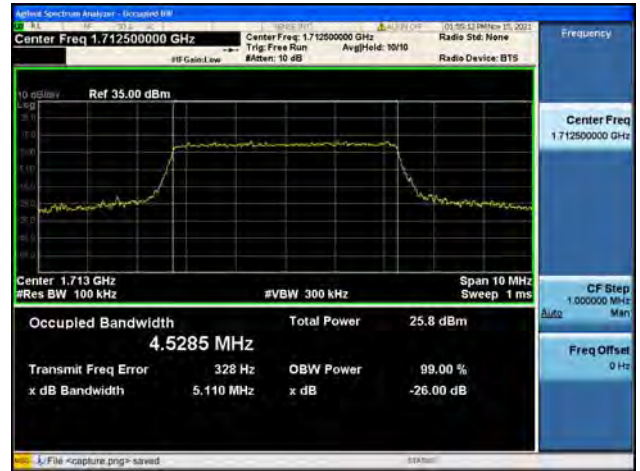




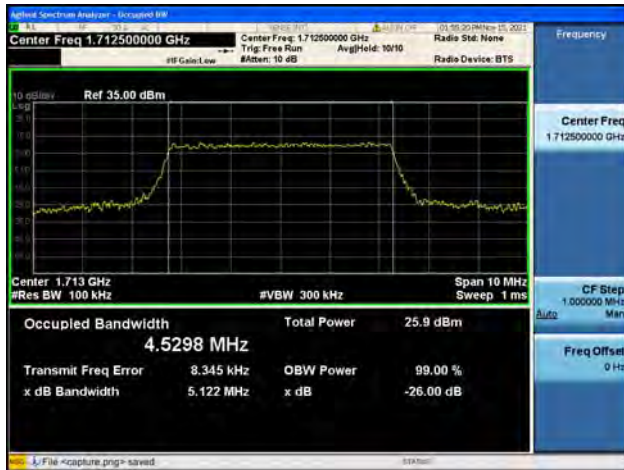
Band4 / 5MHz / Low CH / QPSK



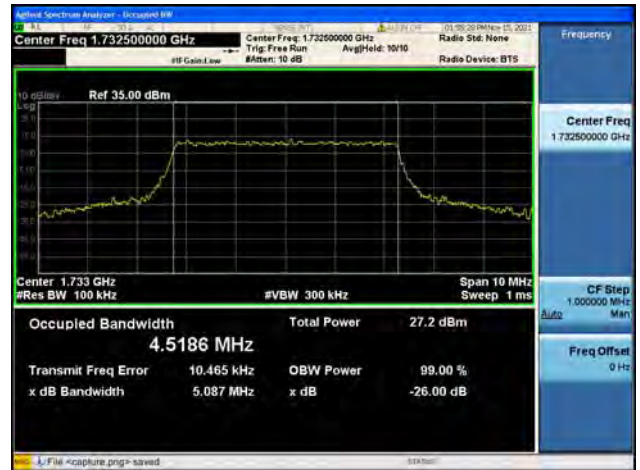
Band4 / 5MHz / Low CH / 16QAM



Band4 / 5MHz / Low CH / 64QAM



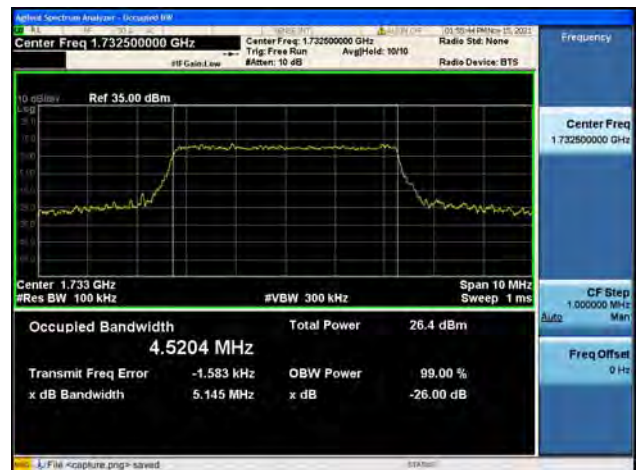
Band4 / 5MHz / Mid CH / QPSK



Band4 / 5MHz / Mid CH / 16QAM



Band4 / 5MHz / Mid CH / 64QAM



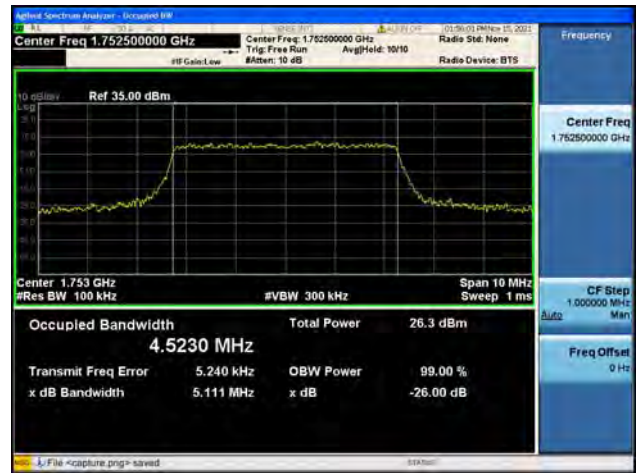




Band4 / 5MHz / High CH / QPSK



Band4 / 5MHz / High CH / 16QAM



Band4 / 5MHz / High CH / 64QAM



Band4 / 10MHz / Low CH / QPSK



Band4 / 10MHz / Low CH / 16QAM



Band4 / 10MHz / Low CH / 64QAM





Band4 / 10MHz / Mid CH / QPSK



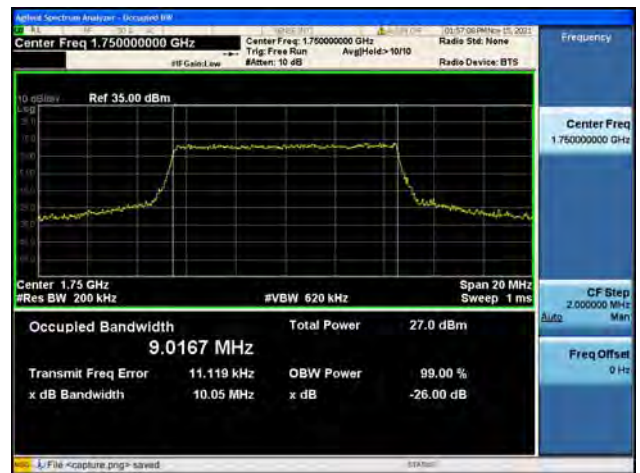
Band4 / 10MHz / Mid CH / 16QAM



Band4 / 10MHz / Mid CH / 64QAM



Band4 / 10MHz / High CH / QPSK



Band4 / 10MHz / High CH / 16QAM



Band4 / 10MHz / High CH / 64QAM



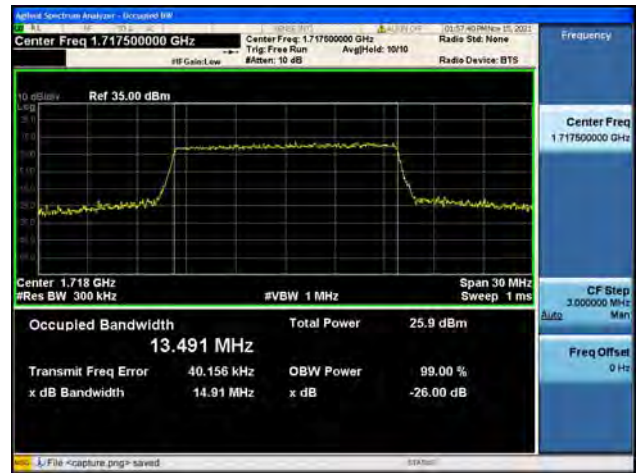




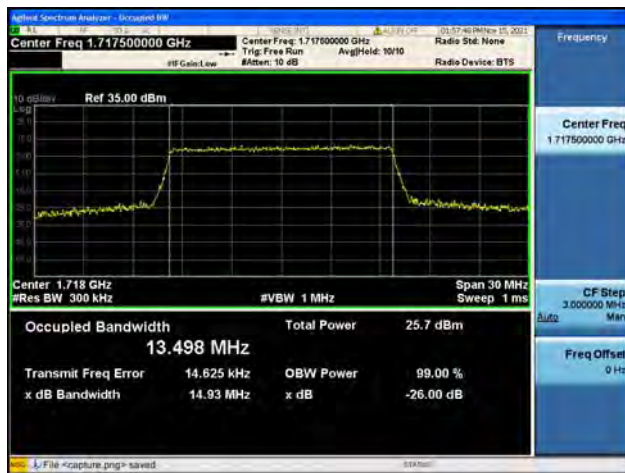
Band4 / 15MHz / Low CH / QPSK



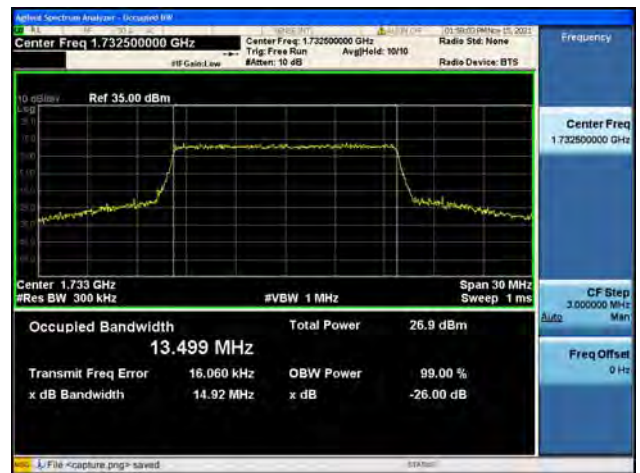
Band4 / 15MHz / Low CH / 16QAM



Band4 / 15MHz / Low CH / 64QAM



Band4 / 15MHz / Mid CH / QPSK



Band4 / 15MHz / Mid CH / 16QAM



Band4 / 15MHz / Mid CH / 64QAM





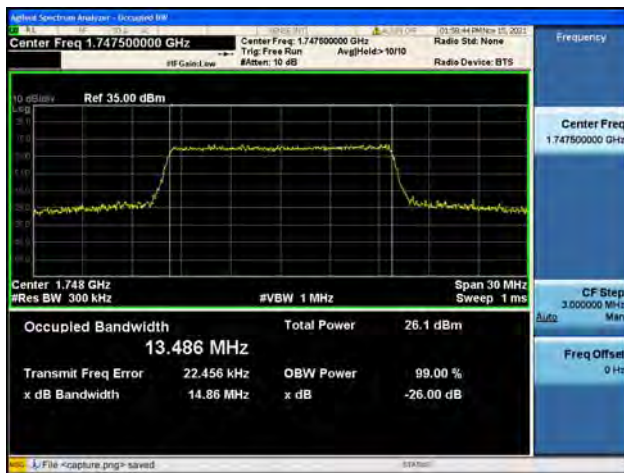
Band4 / 15MHz / High CH / QPSK



Band4 / 15MHz / High CH / 16QAM



Band4 / 15MHz / High CH / 64QAM



Band4 / 20MHz / Low CH / QPSK



Band4 / 20MHz / Low CH / 16QAM



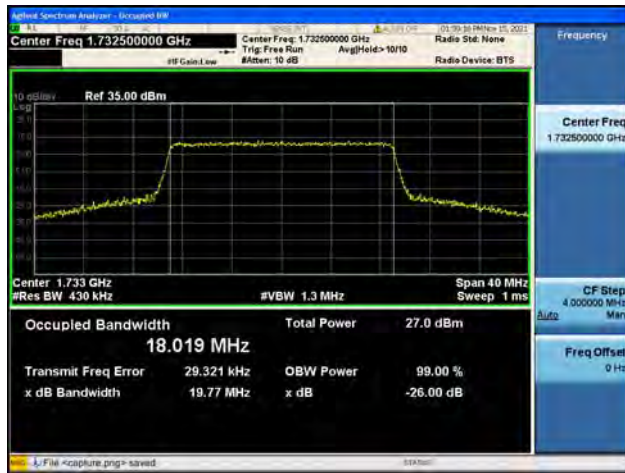
Band4 / 20MHz / Low CH / 64QAM



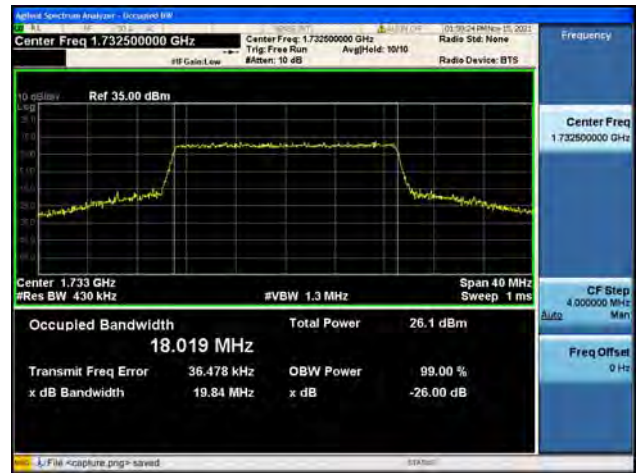




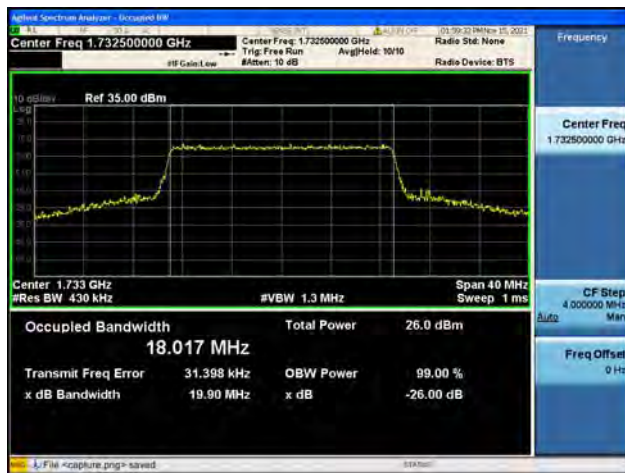
Band4 / 20MHz / Mid CH / QPSK



Band4 / 20MHz / Mid CH / 16QAM



Band4 / 20MHz / Mid CH / 64QAM



Band4 / 20MHz / High CH / QPSK



Band4 / 20MHz / High CH / 16QAM

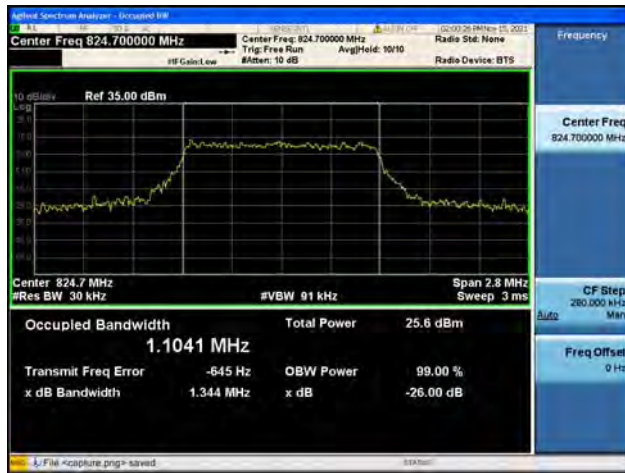


Band4 / 20MHz / High CH / 64QAM

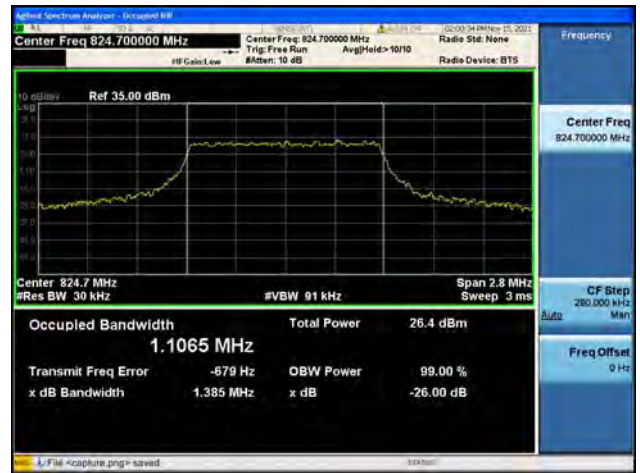




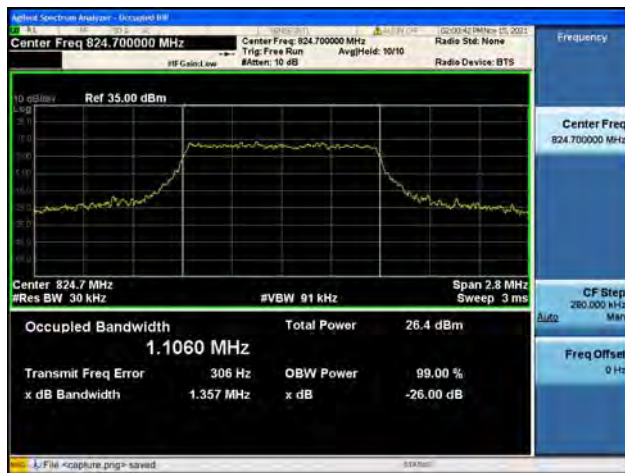
Band5 / 1.4MHz / Low CH / QPSK



Band5 / 1.4MHz / Low CH / 16QAM



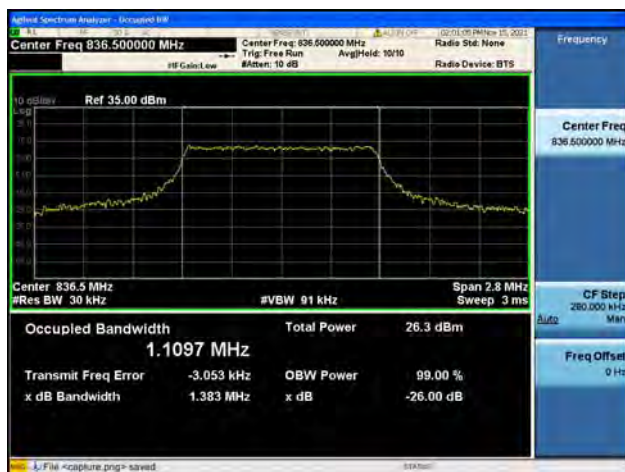
Band5 / 1.4MHz / Low CH / 64QAM



Band5 / 1.4MHz / Mid CH / QPSK



Band5 / 1.4MHz / Mid CH / 16QAM



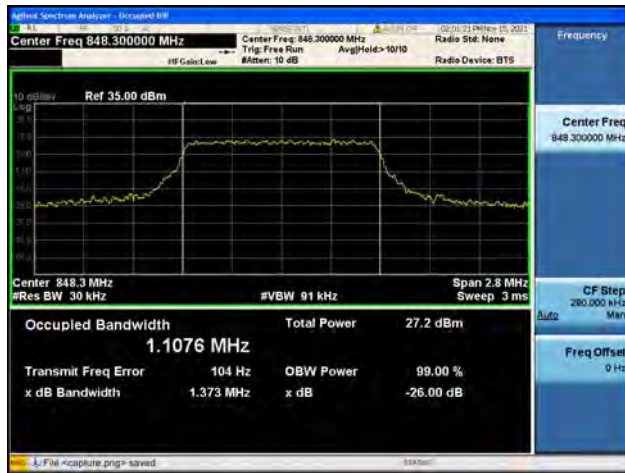
Band5 / 1.4MHz / Mid CH / 64QAM



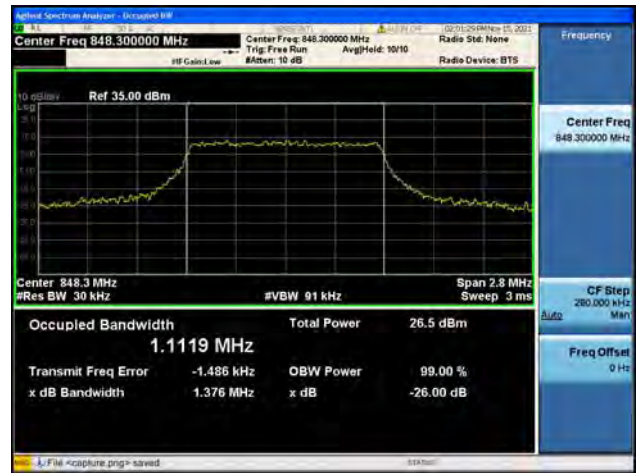




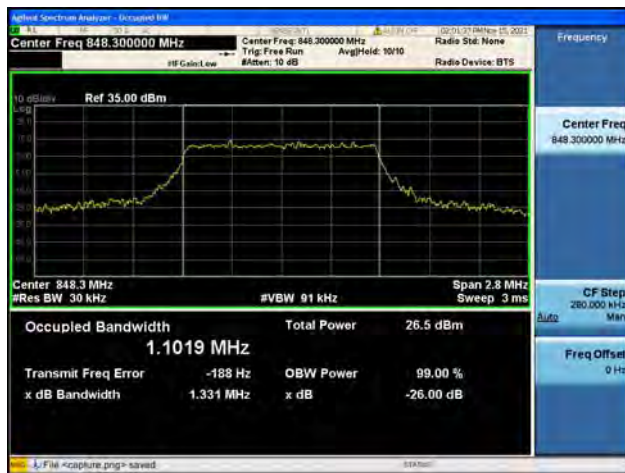
Band5 / 1.4MHz / High CH / QPSK



Band5 / 1.4MHz / High CH / 16QAM



Band5 / 1.4MHz / High CH / 64QAM



Band5 / 3MHz / Low CH / QPSK



Band5 / 3MHz / Low CH / 16QAM

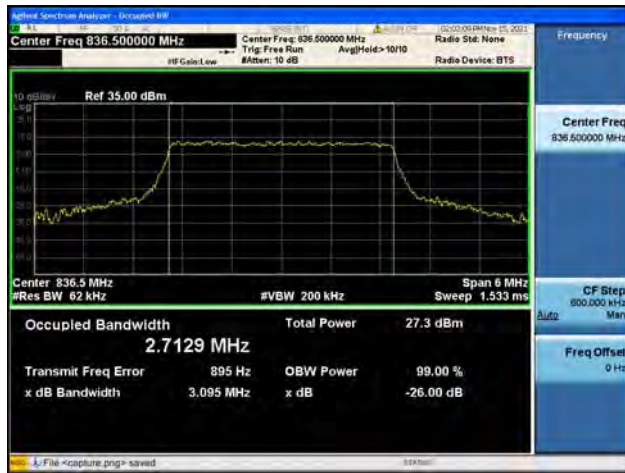


Band5 / 3MHz / Low CH / 64QAM





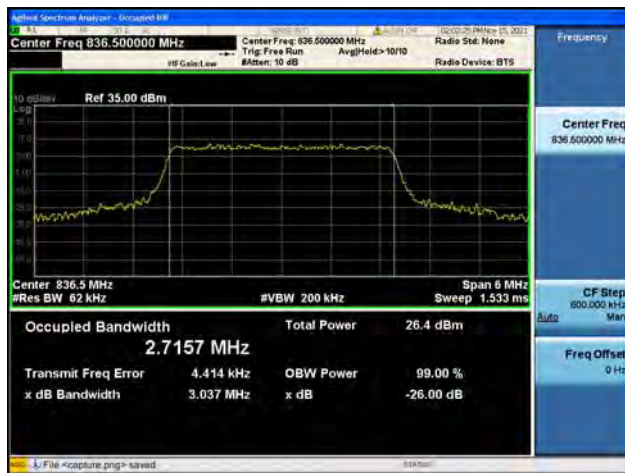
Band5 / 3MHz / Mid CH / QPSK



Band5 / 3MHz / Mid CH / 16QAM



Band5 / 3MHz / Mid CH / 64QAM



Band5 / 3MHz / High CH / QPSK



Band5 / 3MHz / High CH / 16QAM



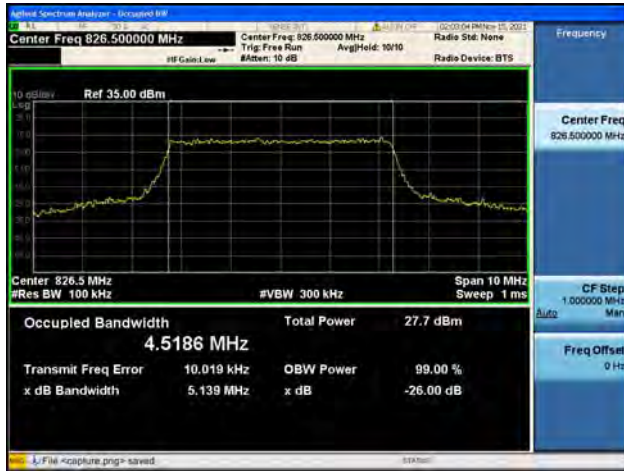
Band5 / 3MHz / High CH / 64QAM



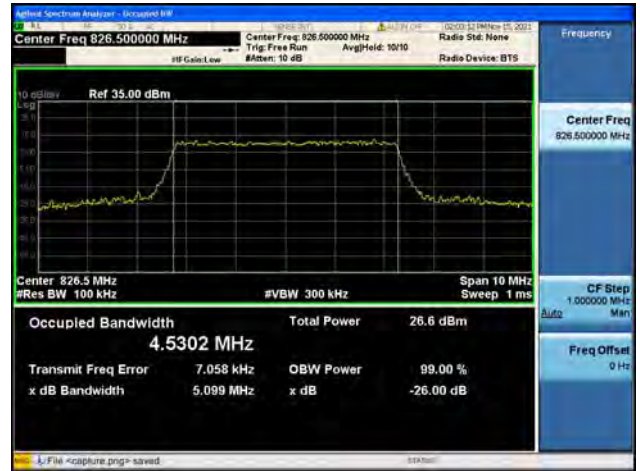




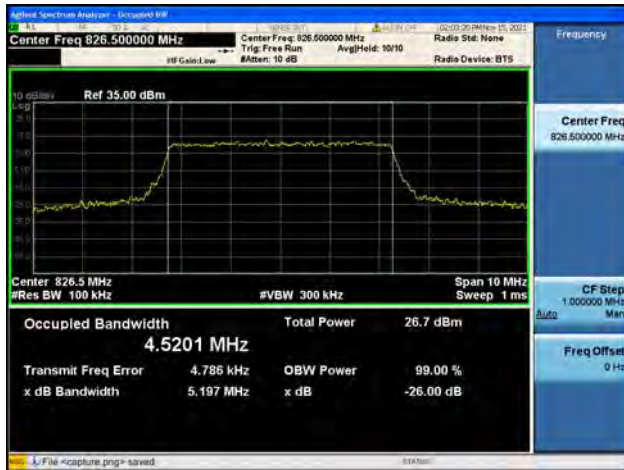
Band5 / 5MHz / Low CH / QPSK



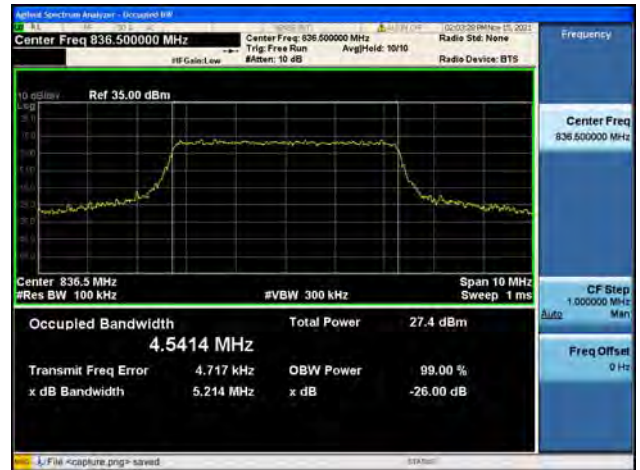
Band5 / 5MHz / Low CH / 16QAM



Band5 / 5MHz / Low CH / 64QAM



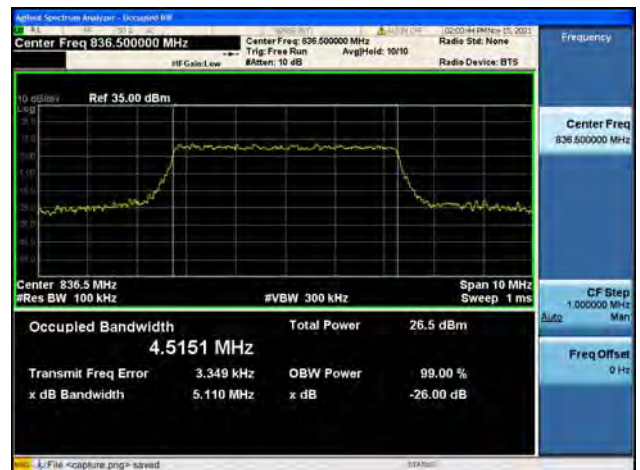
Band5 / 5MHz / Mid CH / QPSK



Band5 / 5MHz / Mid CH / 16QAM



Band5 / 5MHz / Mid CH / 64QAM





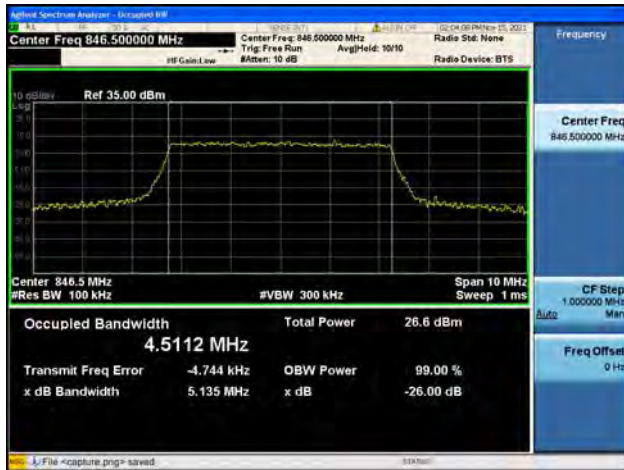
Band5 / 5MHz / High CH / QPSK



Band5 / 5MHz / High CH / 16QAM



Band5 / 5MHz / High CH / 64QAM



Band5 / 10MHz / Low CH / QPSK



Band5 / 10MHz / Low CH / 16QAM



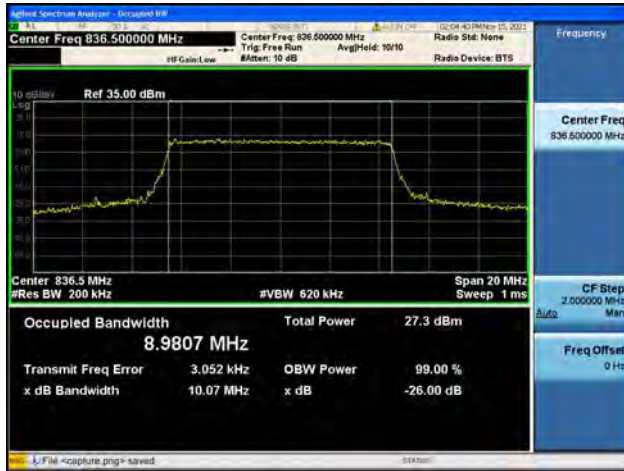
Band5 / 10MHz / Low CH / 64QAM







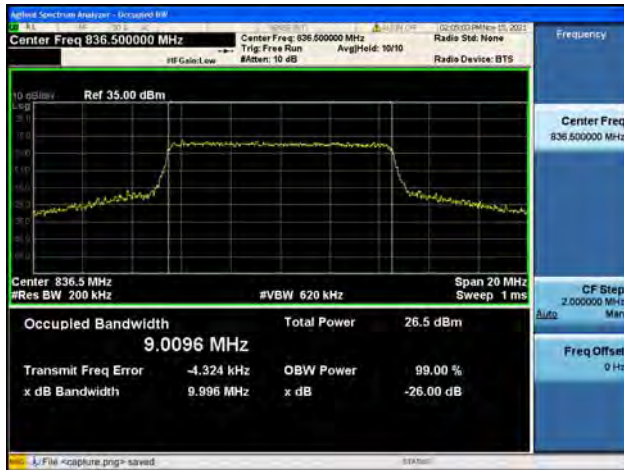
Band5 / 10MHz / Mid CH / QPSK



Band5 / 10MHz / Mid CH / 16QAM



Band5 / 10MHz / Mid CH / 64QAM



Band5 / 10MHz / High CH / QPSK



Band5 / 10MHz / High CH / 16QAM

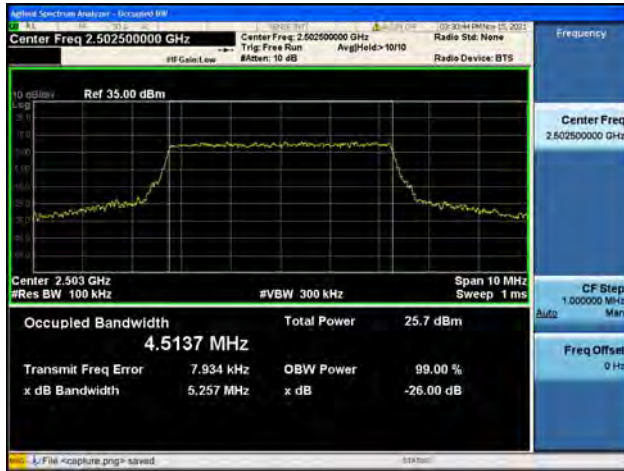


Band5 / 10MHz / High CH / 64QAM





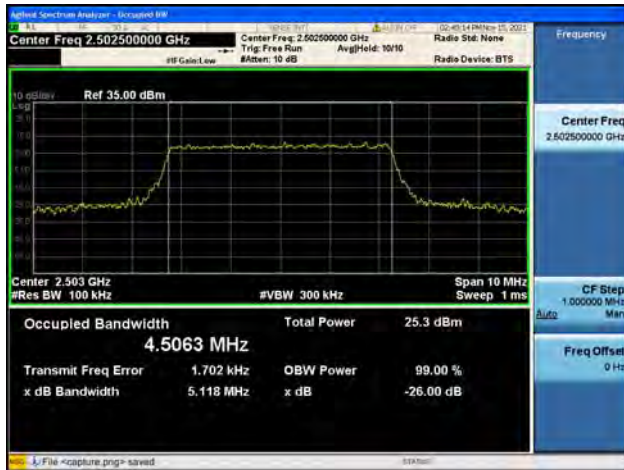
Band7 / 5MHz / Low CH / QPSK



Band7 / 5MHz / Low CH / 16QAM



Band7 / 5MHz / Low CH / 64QAM



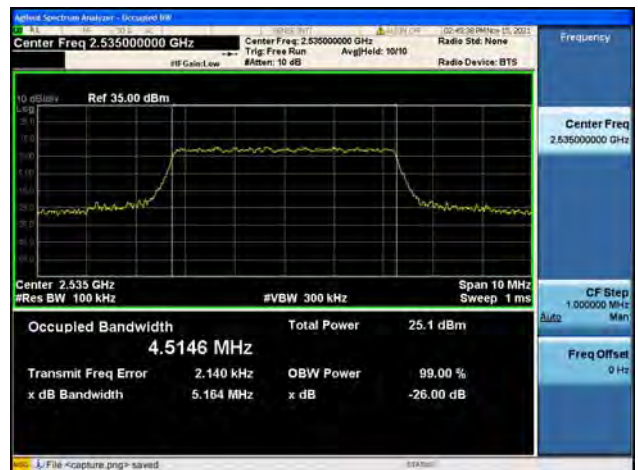
Band7 / 5MHz / Mid CH / QPSK



Band7 / 5MHz / Mid CH / 16QAM



Band7 / 5MHz / Mid CH / 64QAM







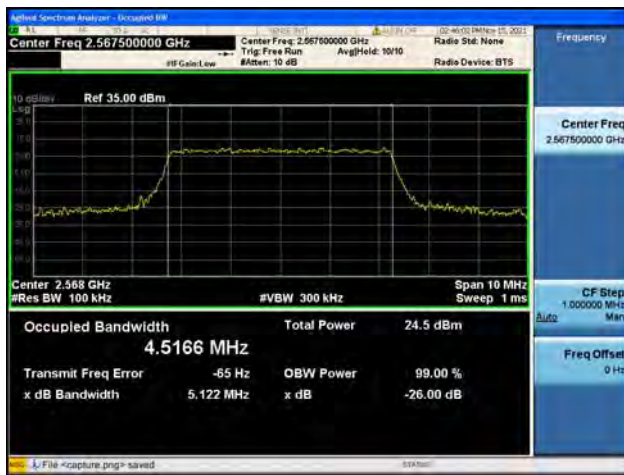
Band7 / 5MHz / High CH / QPSK



Band7 / 5MHz / High CH / 16QAM



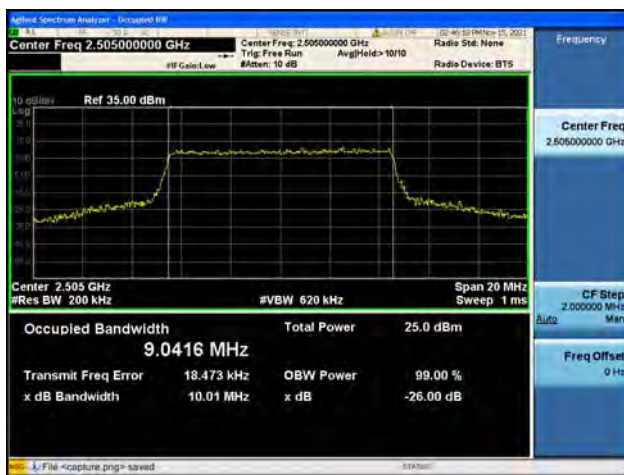
Band7 / 5MHz / High CH / 64QAM



Band7 / 10MHz / Low CH / QPSK



Band7 / 10MHz / Low CH / 16QAM

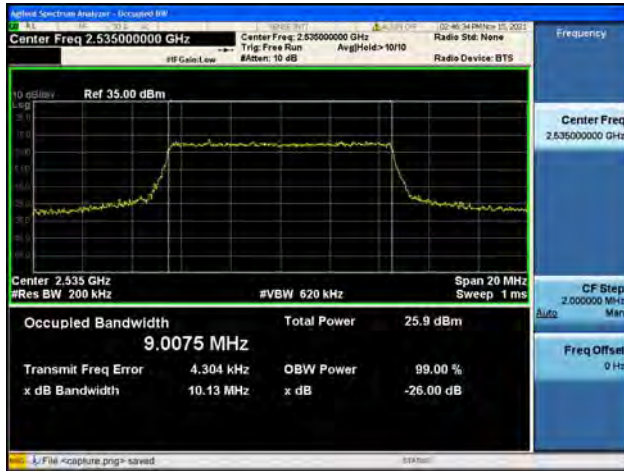


Band7 / 10MHz / Low CH / 64QAM

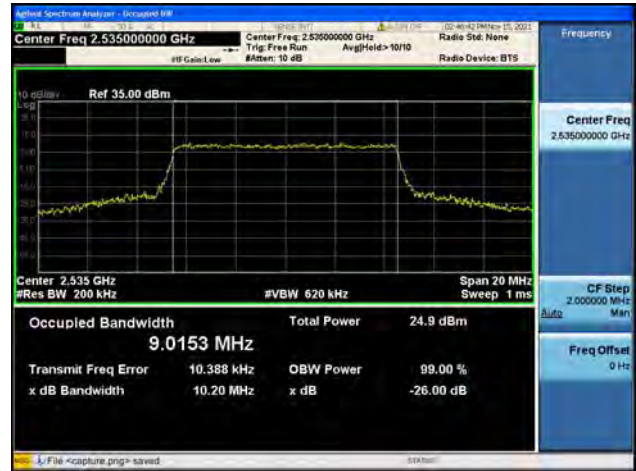




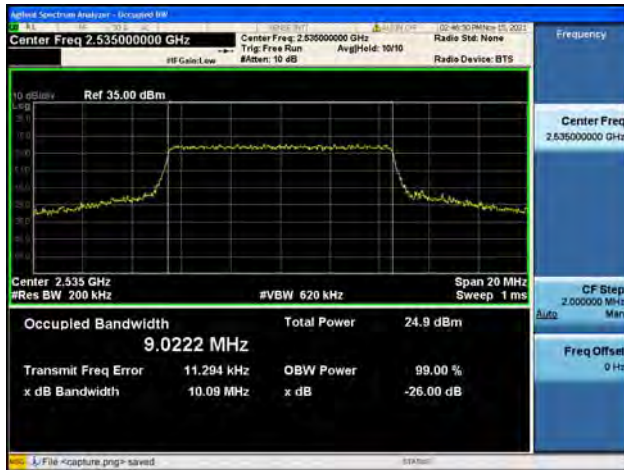
Band7 / 10MHz / Mid CH / QPSK



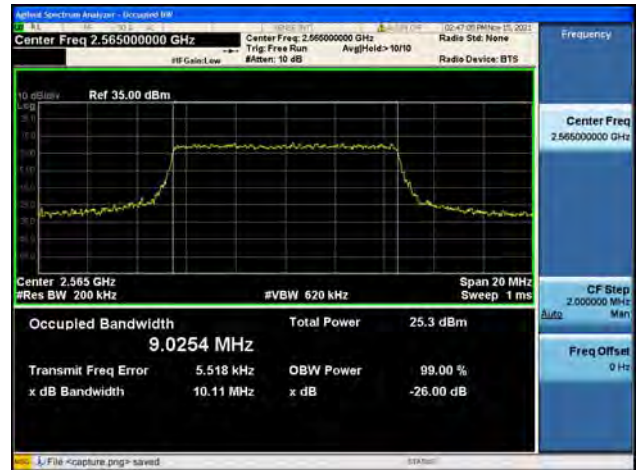
Band7 / 10MHz / Mid CH / 16QAM



Band7 / 10MHz / Mid CH / 64QAM



Band7 / 10MHz / High CH / QPSK



Band7 / 10MHz / High CH / 16QAM



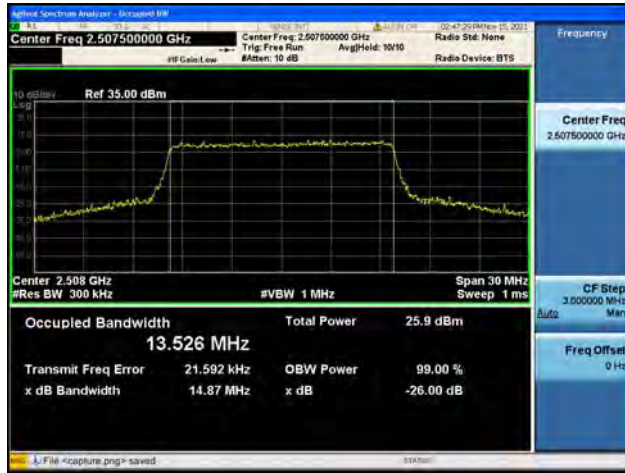
Band7 / 10MHz / High CH / 64QAM



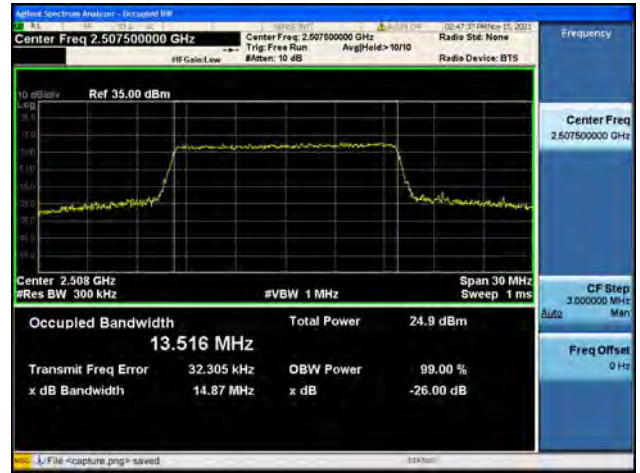




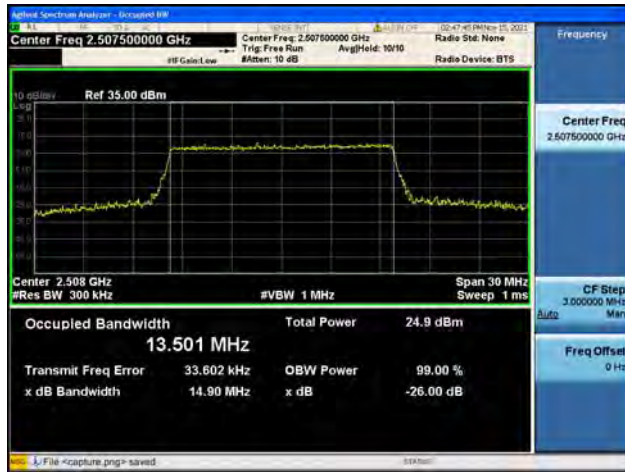
Band7 / 15MHz / Low CH / QPSK



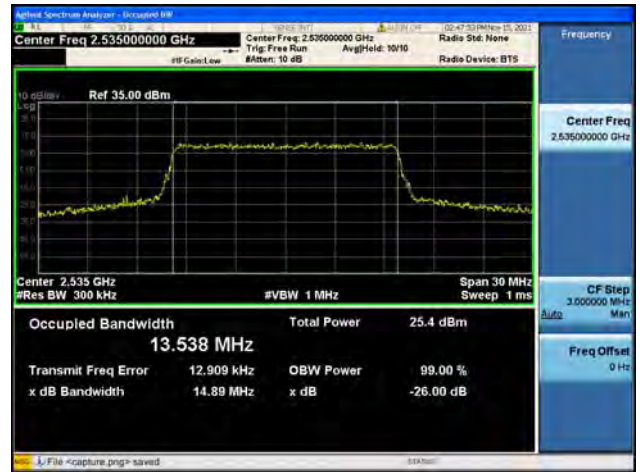
Band7 / 15MHz / Low CH / 16QAM



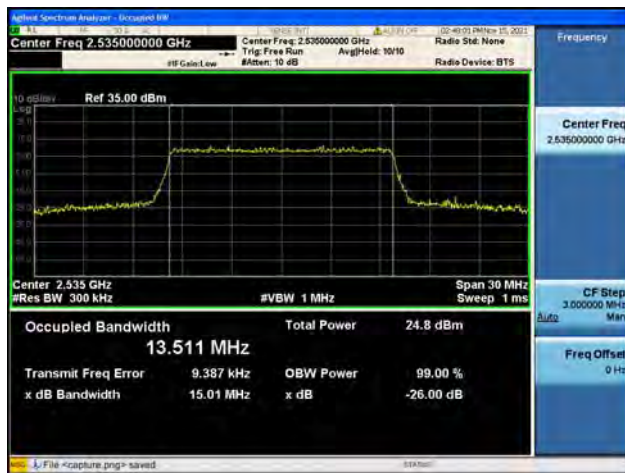
Band7 / 15MHz / Low CH / 64QAM



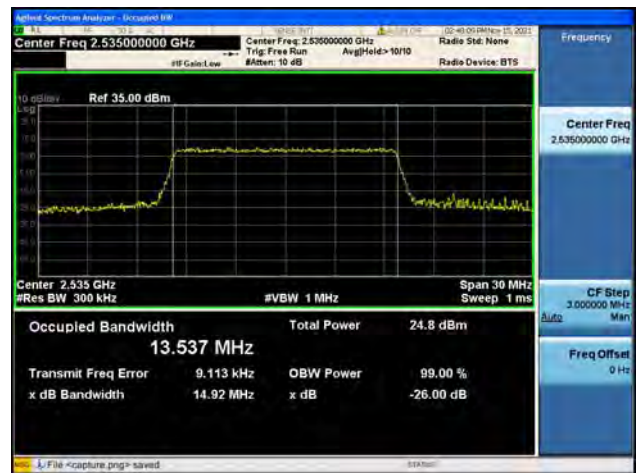
Band7 / 15MHz / Mid CH / QPSK



Band7 / 15MHz / Mid CH / 16QAM

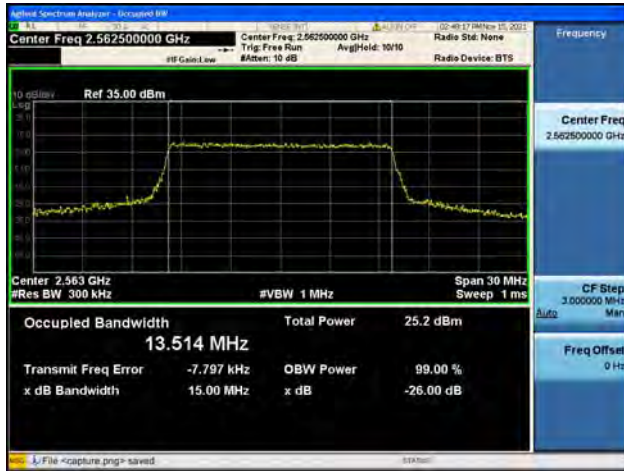


Band7 / 15MHz / Mid CH / 64QAM

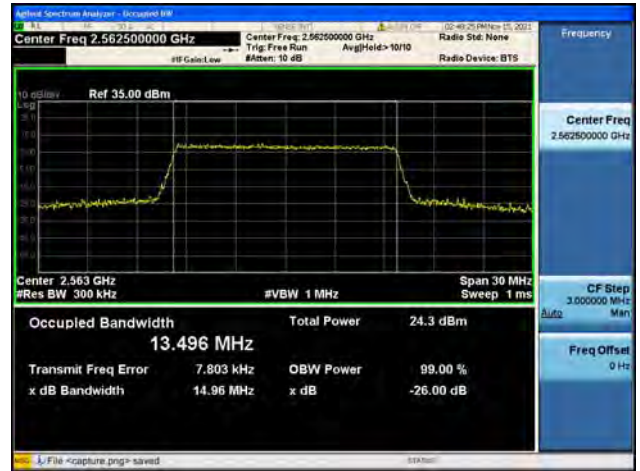




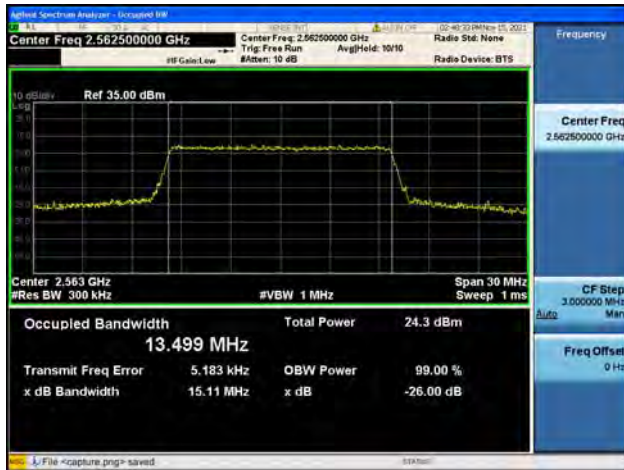
Band7 / 15MHz / High CH / QPSK



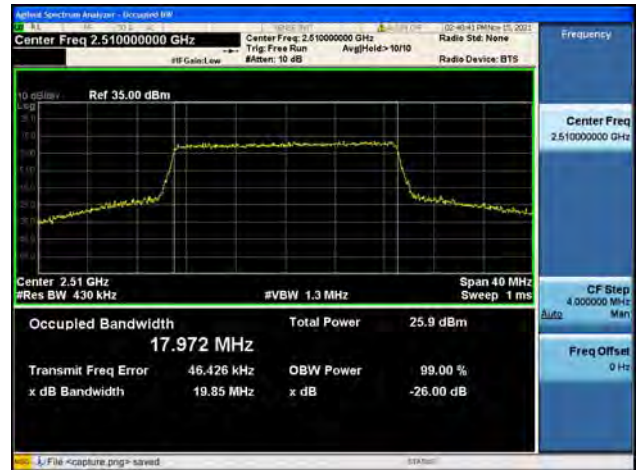
Band7 / 15MHz / High CH / 16QAM



Band7 / 15MHz / High CH / 64QAM



Band7 / 20MHz / Low CH / QPSK



Band7 / 20MHz / Low CH / 16QAM



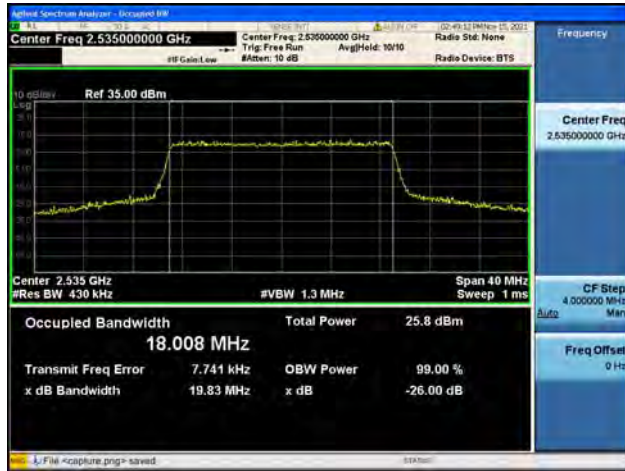
Band7 / 20MHz / Low CH / 64QAM







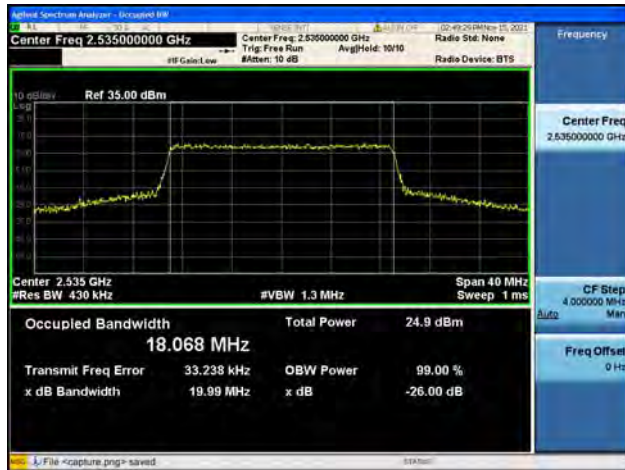
Band7 / 20MHz / Mid CH / QPSK



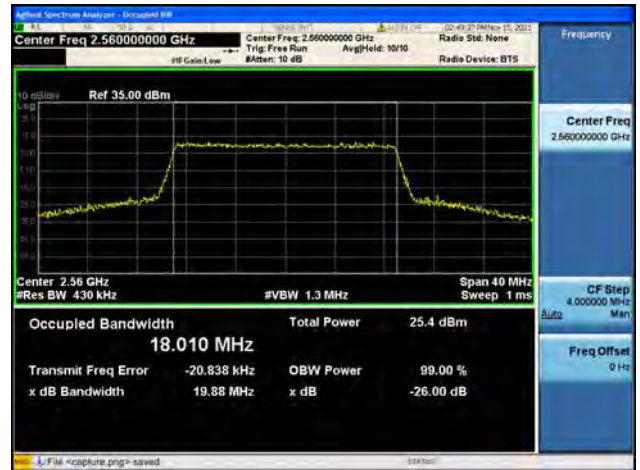
Band7 / 20MHz / Mid CH / 16QAM



Band7 / 20MHz / Mid CH / 64QAM



Band7 / 20MHz / High CH / QPSK

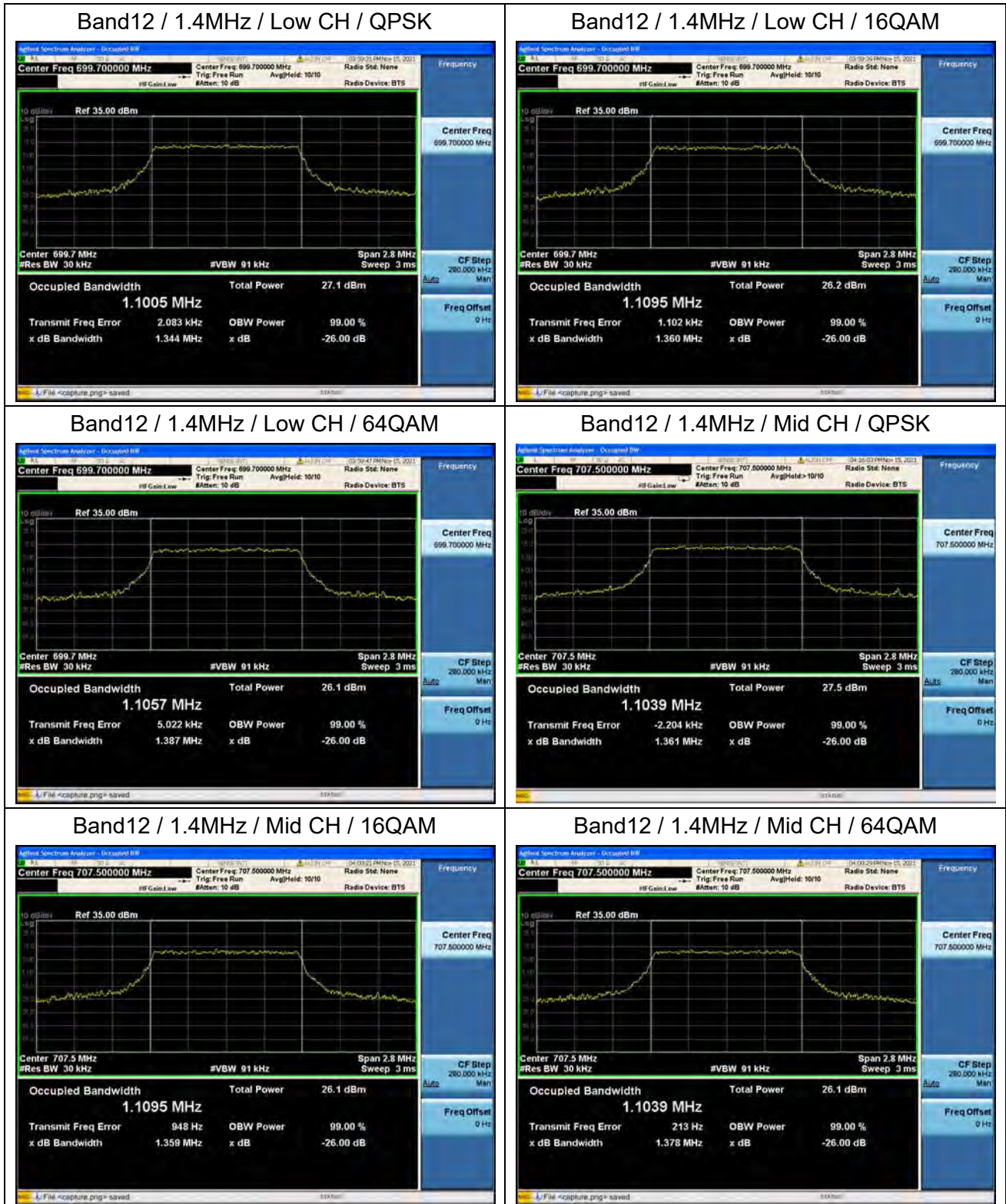


Band7 / 20MHz / High CH / 16QAM

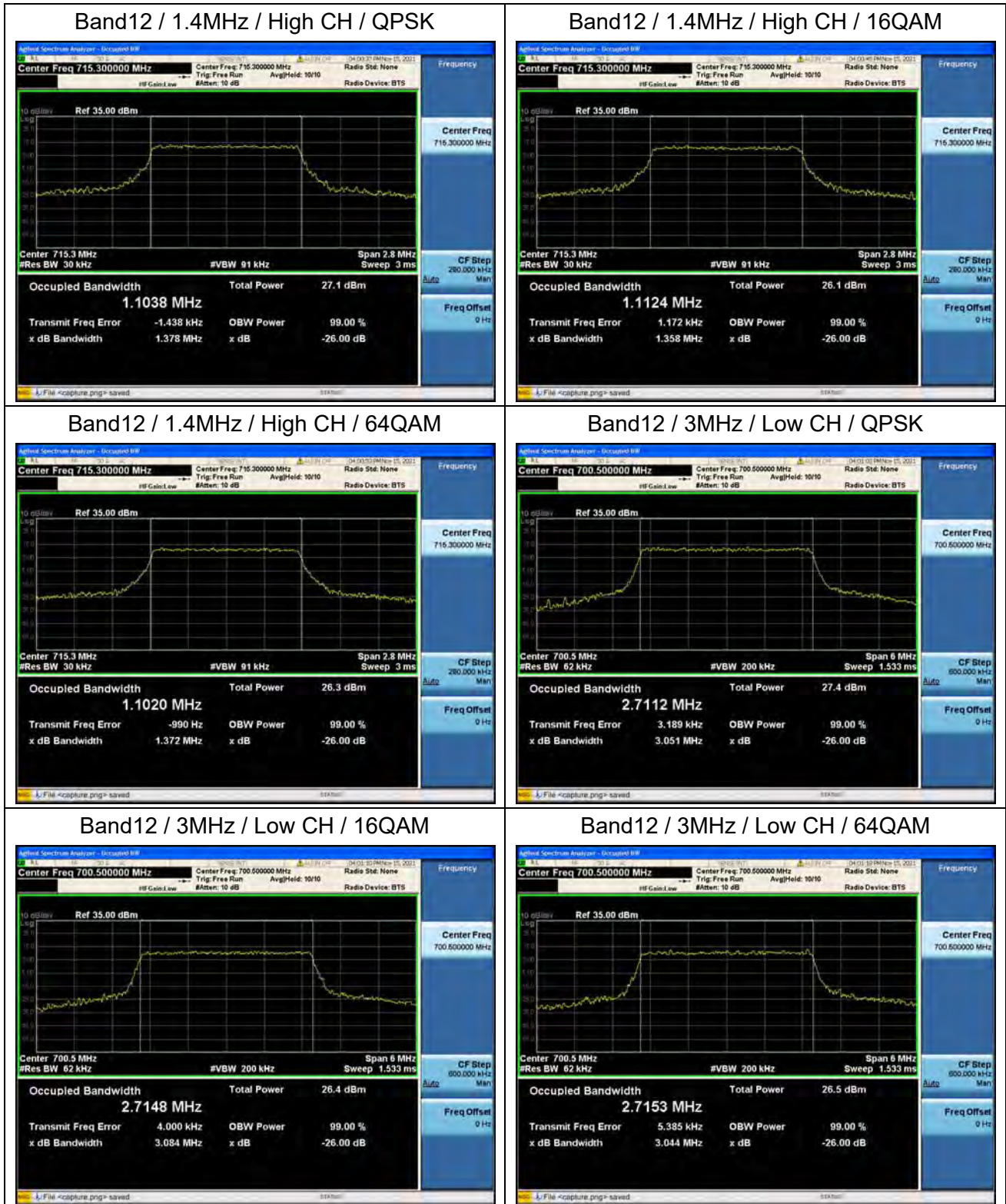


Band7 / 20MHz / High CH / 64QAM











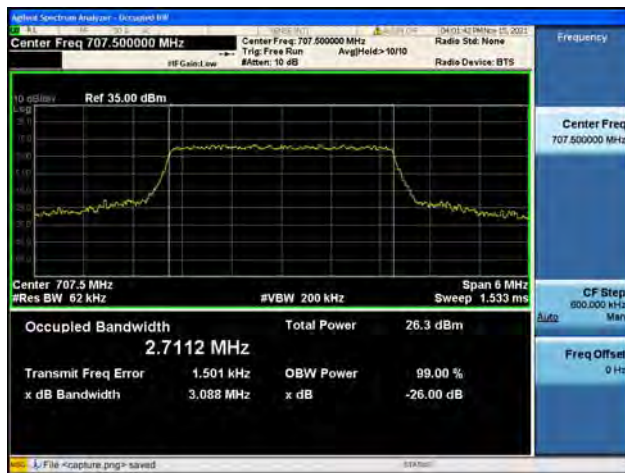
Band12 / 3MHz / Mid CH / QPSK



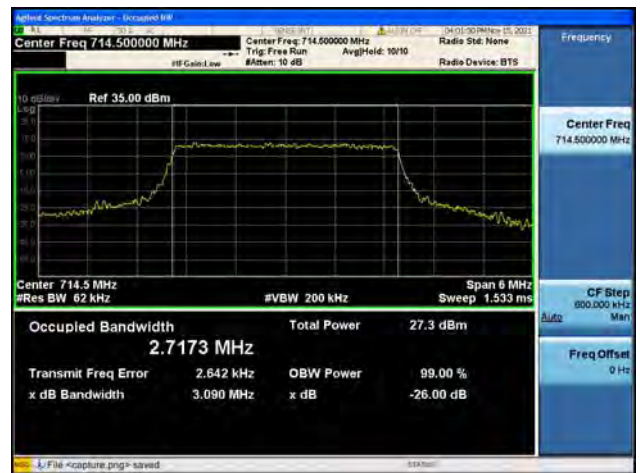
Band12 / 3MHz / Mid CH / 16QAM



Band12 / 3MHz / Mid CH / 64QAM



Band12 / 3MHz / High CH / QPSK



Band12 / 3MHz / High CH / 16QAM



Band12 / 3MHz / High CH / 64QAM



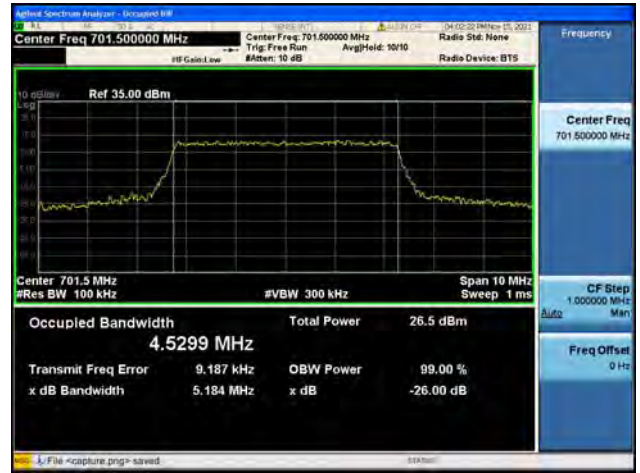




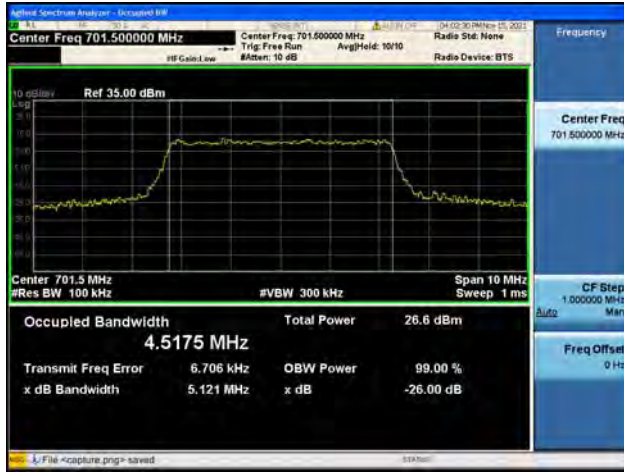
Band12 / 5MHz / Low CH / QPSK



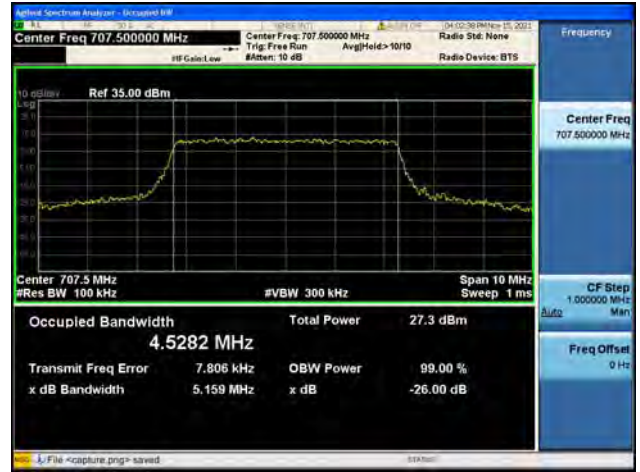
Band12 / 5MHz / Low CH / 16QAM



Band12 / 5MHz / Low CH / 64QAM



Band12 / 5MHz / Mid CH / QPSK



Band12 / 5MHz / Mid CH / 16QAM

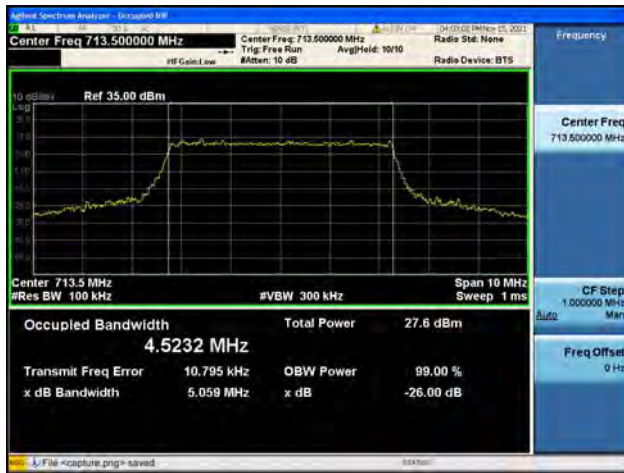


Band12 / 5MHz / Mid CH / 64QAM





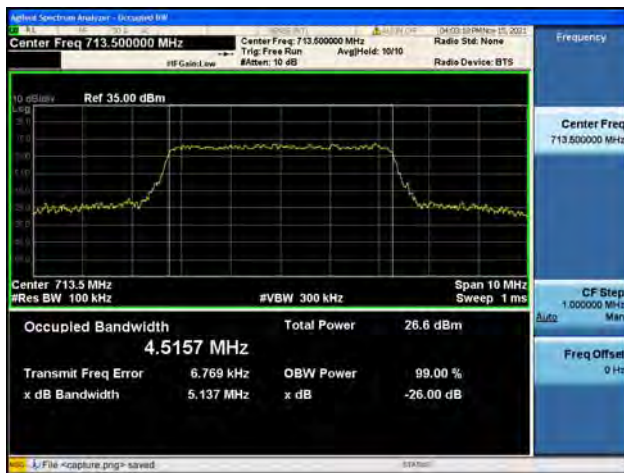
Band12 / 5MHz / High CH / QPSK



Band12 / 5MHz / High CH / 16QAM



Band12 / 5MHz / High CH / 64QAM



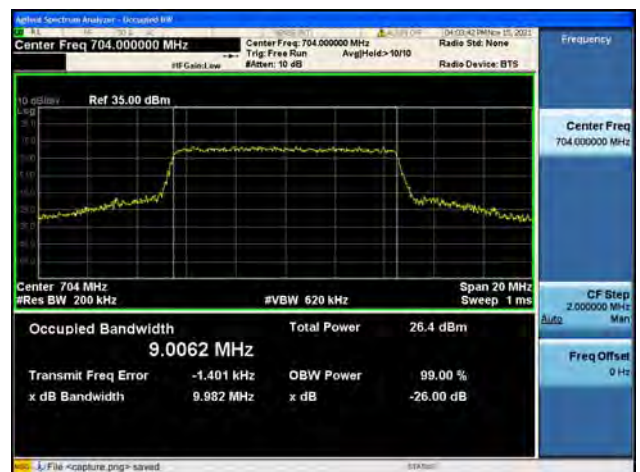
Band12 / 10MHz / Low CH / QPSK



Band12 / 10MHz / Low CH / 16QAM



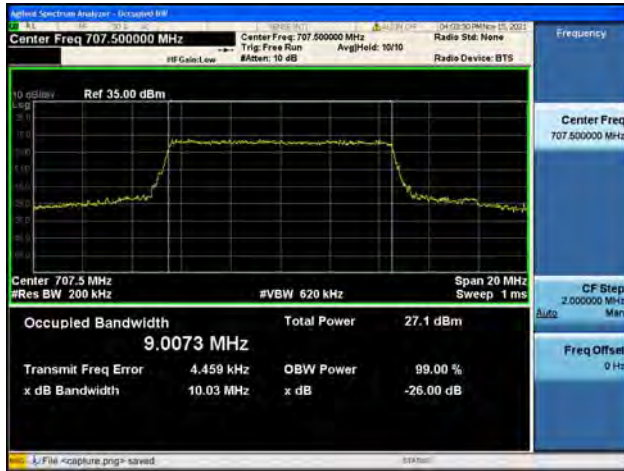
Band12 / 10MHz / Low CH / 64QAM







Band12 / 10MHz / Mid CH / QPSK



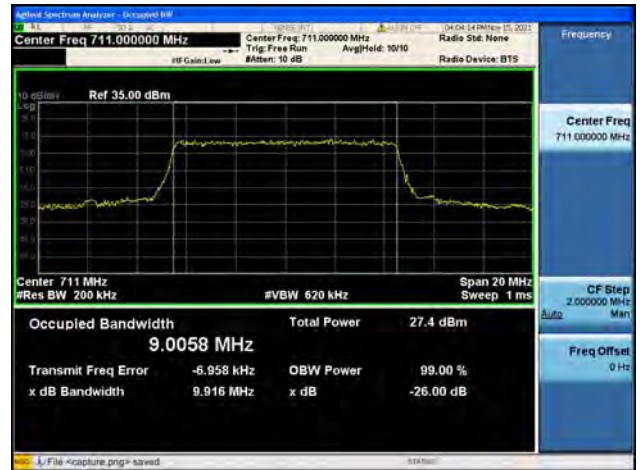
Band12 / 10MHz / Mid CH / 16QAM



Band12 / 10MHz / Mid CH / 64QAM



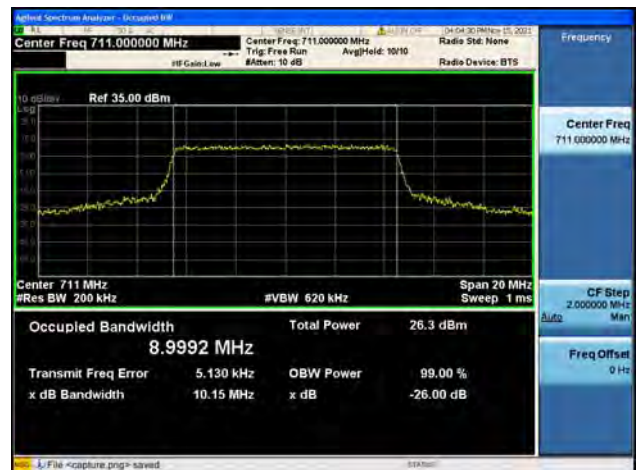
Band12 / 10MHz / High CH / QPSK



Band12 / 10MHz / High CH / 16QAM



Band12 / 10MHz / High CH / 64QAM





Band17 / 5MHz / Low CH / QPSK



Band17 / 5MHz / Low CH / 16QAM



Band17 / 5MHz / Low CH / 64QAM



Band17 / 5MHz / Mid CH / QPSK



Band17 / 5MHz / Mid CH / 16QAM



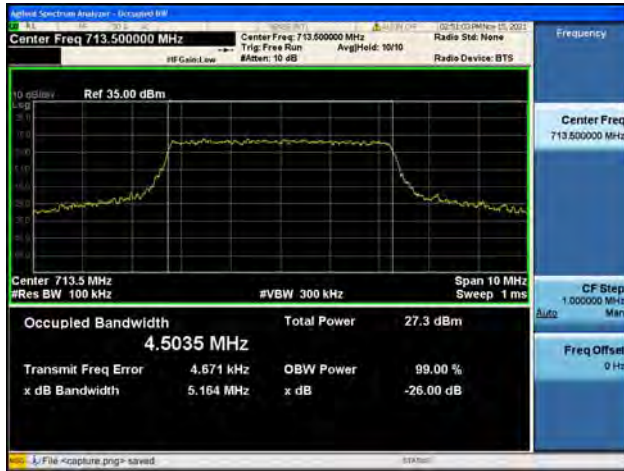
Band17 / 5MHz / Mid CH / 64QAM







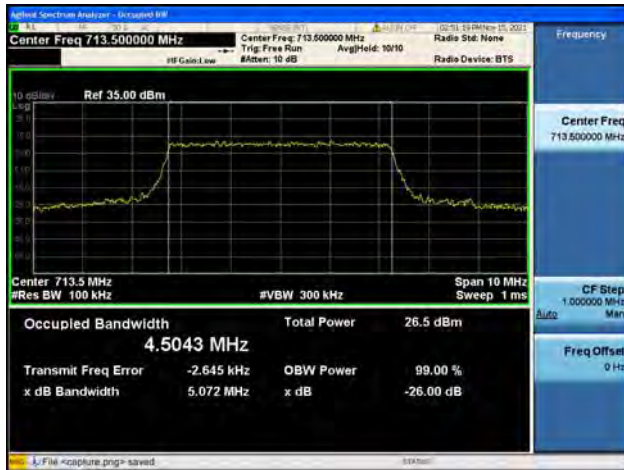
Band17 / 5MHz / High CH / QPSK



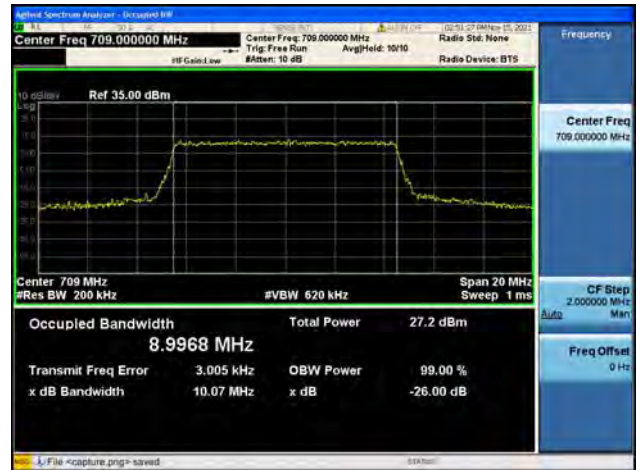
Band17 / 5MHz / High CH / 16QAM



Band17 / 5MHz / High CH / 64QAM



Band17 / 10MHz / Low CH / QPSK



Band17 / 10MHz / Low CH / 16QAM

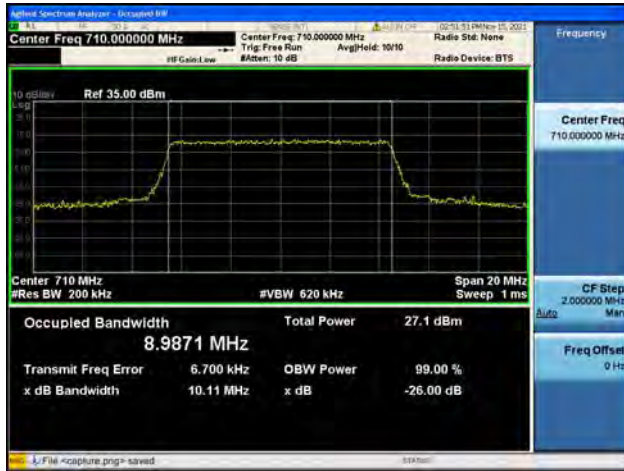


Band17 / 10MHz / Low CH / 64QAM

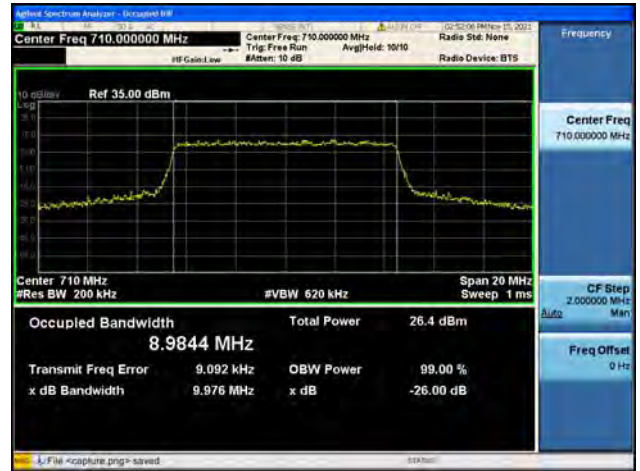




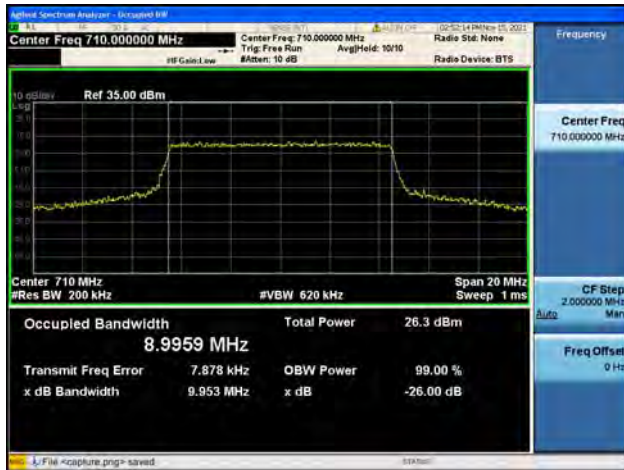
Band17 / 10MHz / Mid CH / QPSK



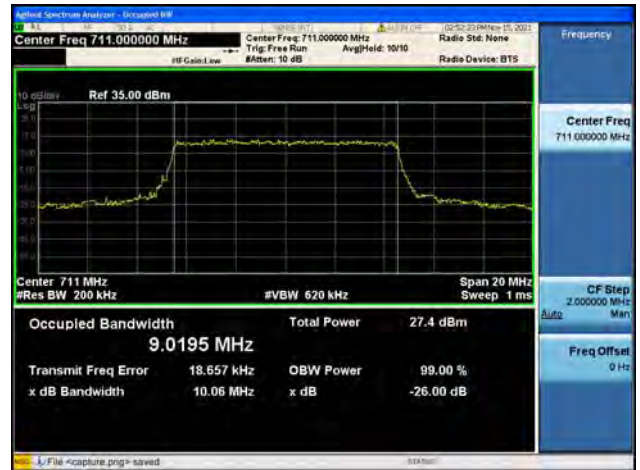
Band17 / 10MHz / Mid CH / 16QAM



Band17 / 10MHz / Mid CH / 64QAM



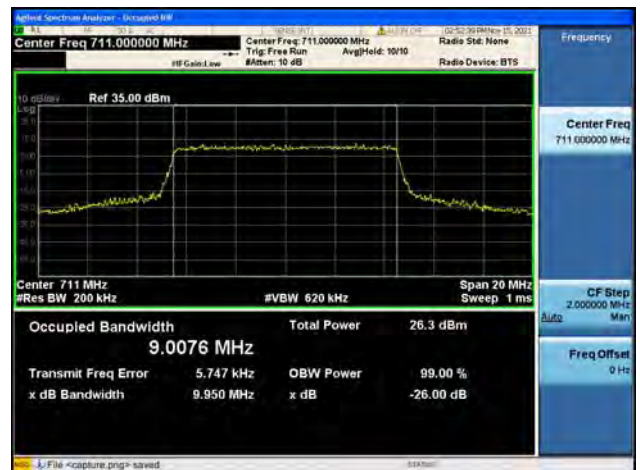
Band17 / 10MHz / High CH / QPSK



Band17 / 10MHz / High CH / 16QAM



Band17 / 10MHz / High CH / 64QAM



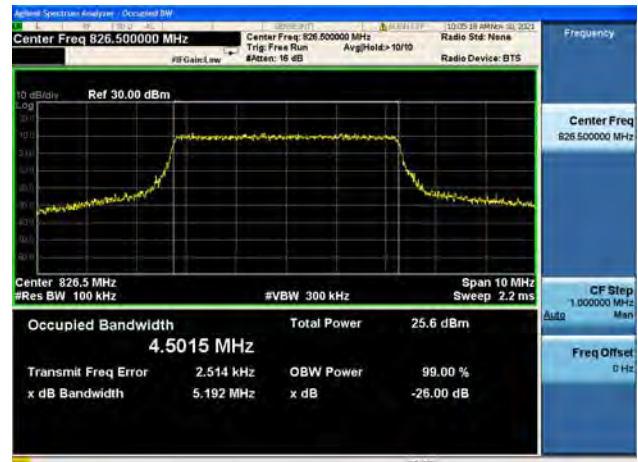




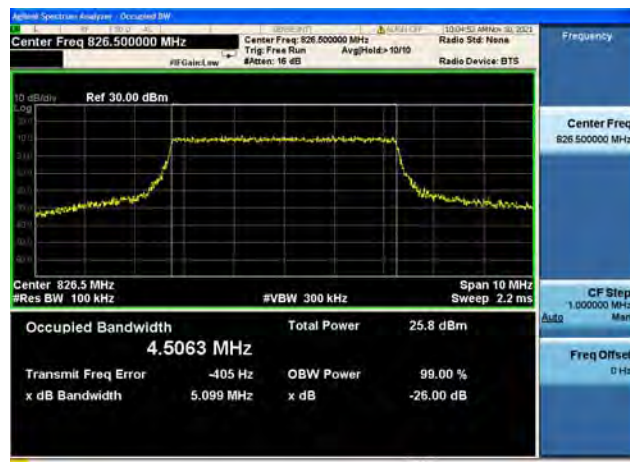
Band18 / 5MHz / Low CH / QPSK



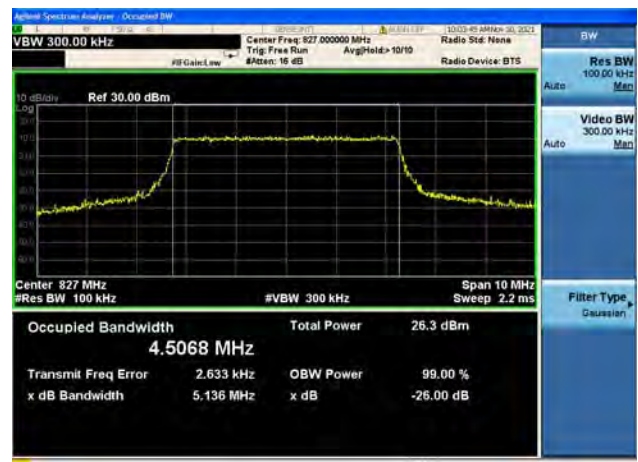
Band18 / 5MHz / Low CH / 16QAM



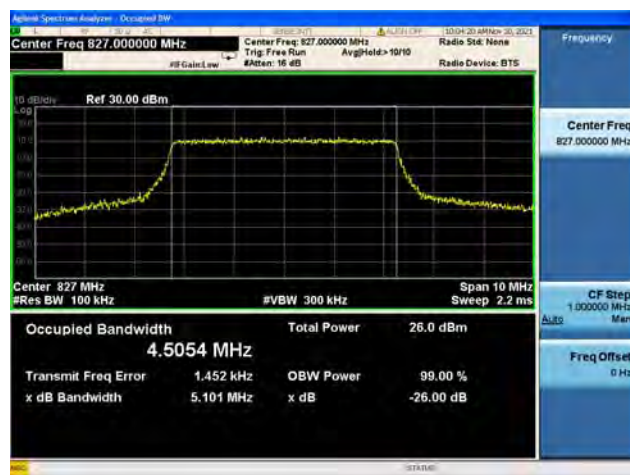
Band18 / 5MHz / Low CH / 64QAM



Band18 / 5MHz / Mid CH / QPSK



Band18 / 5MHz / Mid CH / 16QAM



Band18 / 5MHz / Mid CH / 64QAM





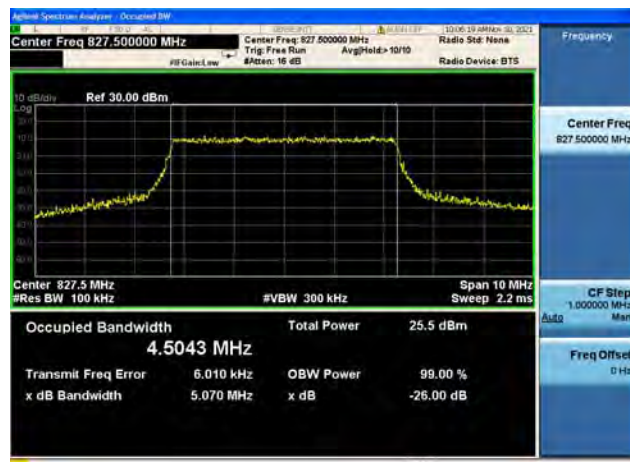
### Band18 / 5MHz / High CH / QPSK



### Band18 / 5MHz / High CH / 16QAM



### Band18 / 5MHz / High CH / 64QAM







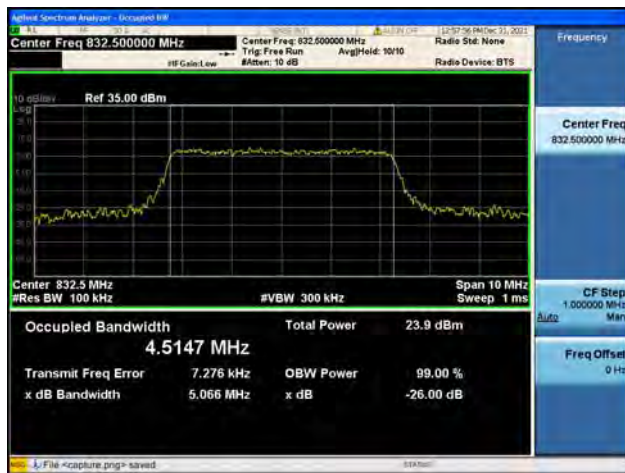
Band19 / 5MHz / Low CH / QPSK



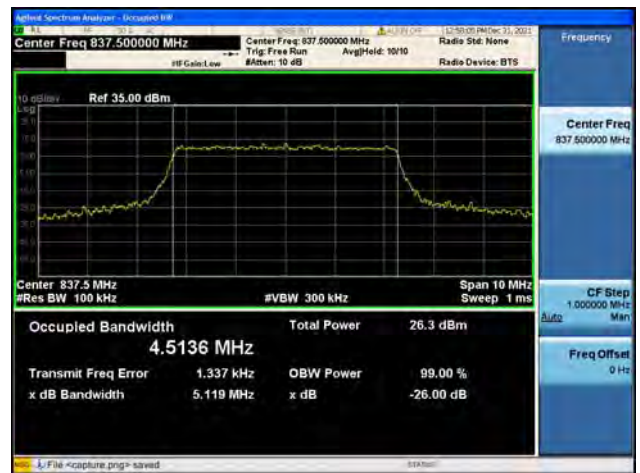
Band19 / 5MHz / Low CH / 16QAM



Band19 / 5MHz / Low CH / 64QAM



Band19 / 5MHz / Mid CH / QPSK



Band19 / 5MHz / Mid CH / 16QAM



Band19 / 5MHz / Mid CH / 64QAM





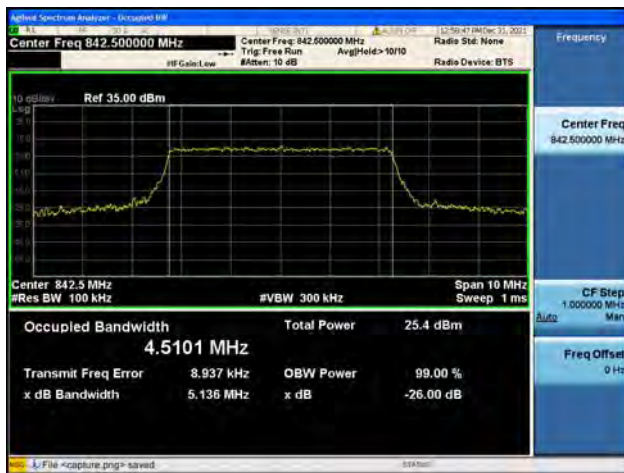
Band19 / 5MHz / High CH / QPSK



Band19 / 5MHz / High CH / 16QAM



Band19 / 5MHz / High CH / 64QAM



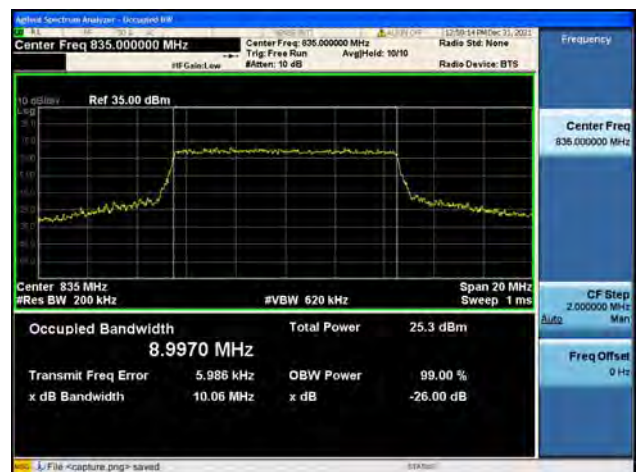
Band19 / 10MHz / Low CH / QPSK



Band19 / 10MHz / Low CH / 16QAM



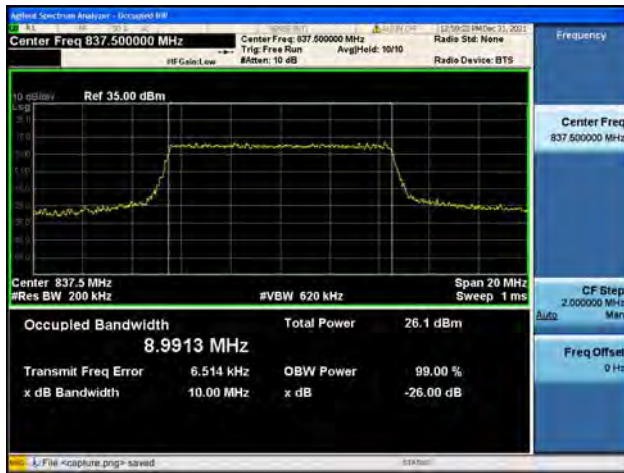
Band19 / 10MHz / Low CH / 64QAM



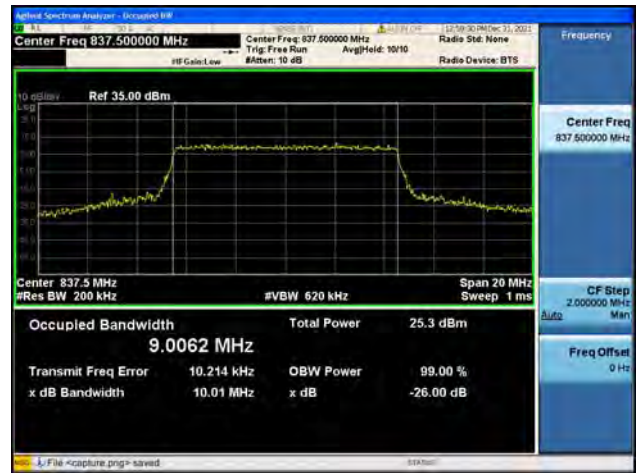




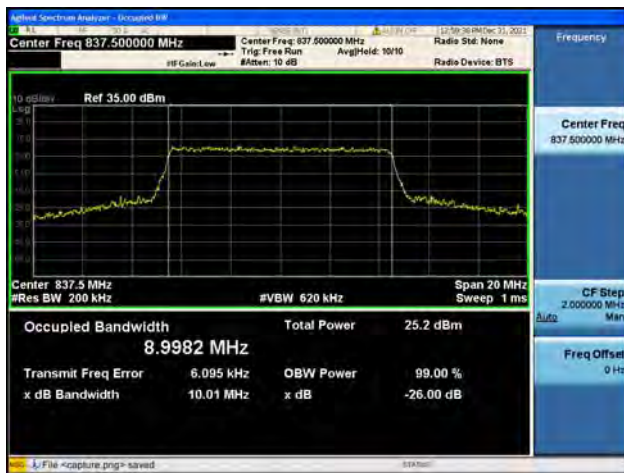
Band19 / 10MHz / Mid CH / QPSK



Band19 / 10MHz / Mid CH / 16QAM



Band19 / 10MHz / Mid CH / 64QAM



Band19 / 10MHz / High CH / QPSK



Band19 / 10MHz / High CH / 16QAM

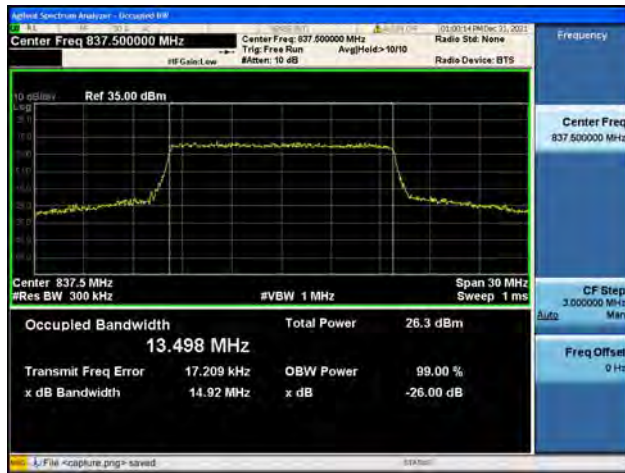


Band19 / 10MHz / High CH / 64QAM





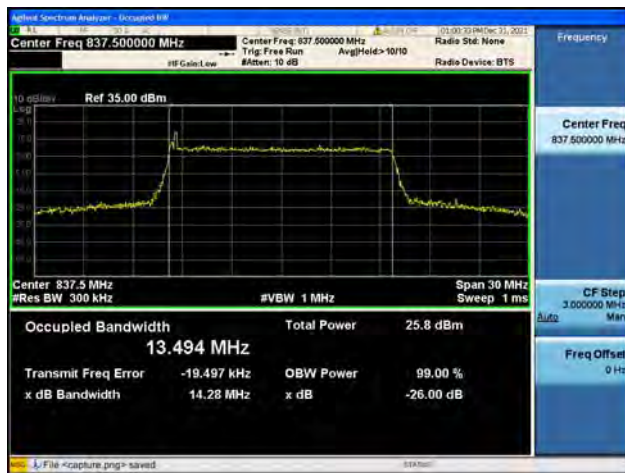
Band19 / 15MHz / Low CH / QPSK



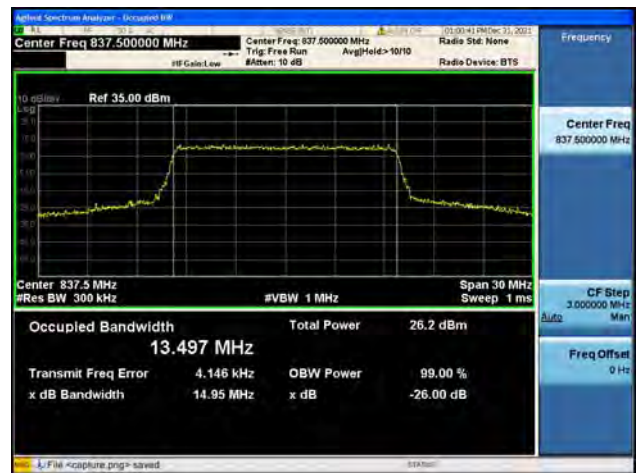
Band19 / 15MHz / Low CH / 16QAM



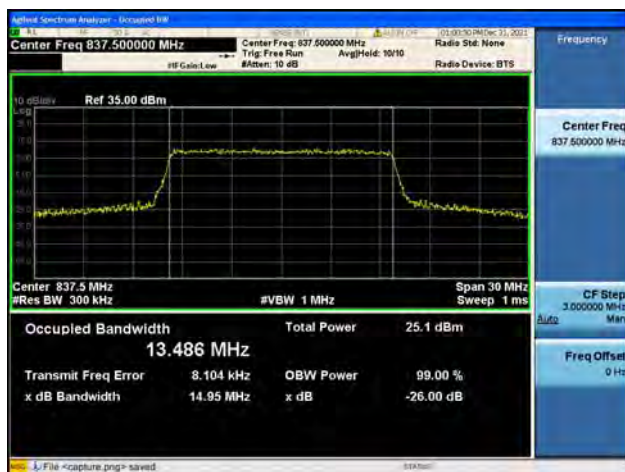
Band19 / 15MHz / Low CH / 64QAM



Band19 / 15MHz / Mid CH / QPSK



Band19 / 15MHz / Mid CH / 16QAM



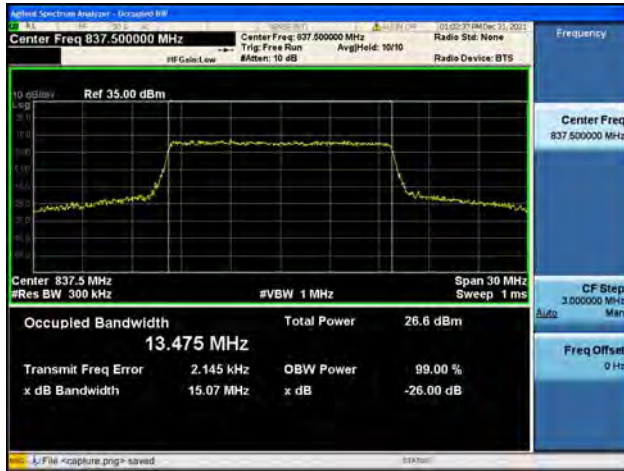
Band19 / 15MHz / Mid CH / 64QAM







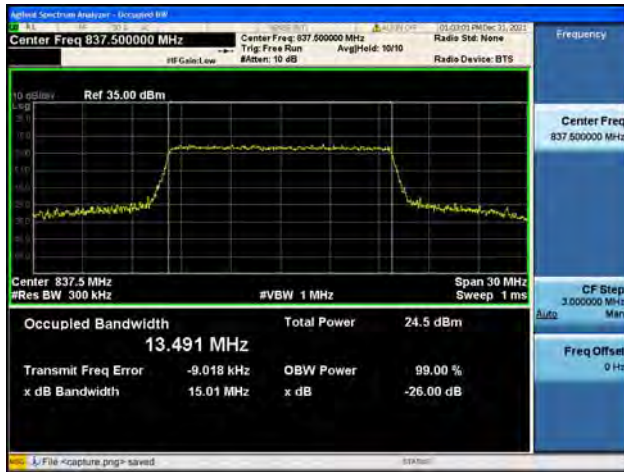
Band19 / 15MHz / High CH / QPSK



Band19 / 15MHz / High CH / 16QAM

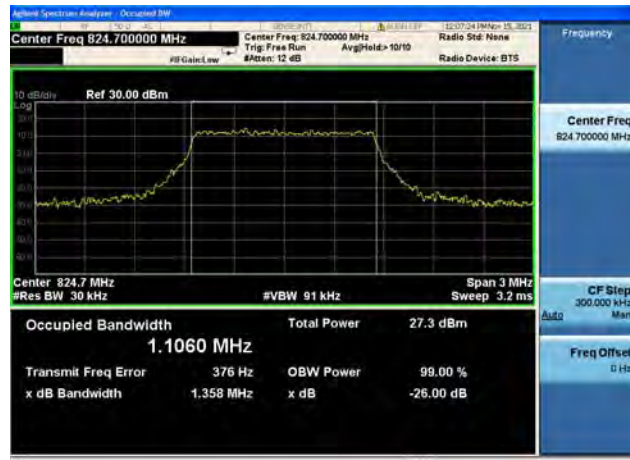


Band19 / 15MHz / High CH / 64QAM





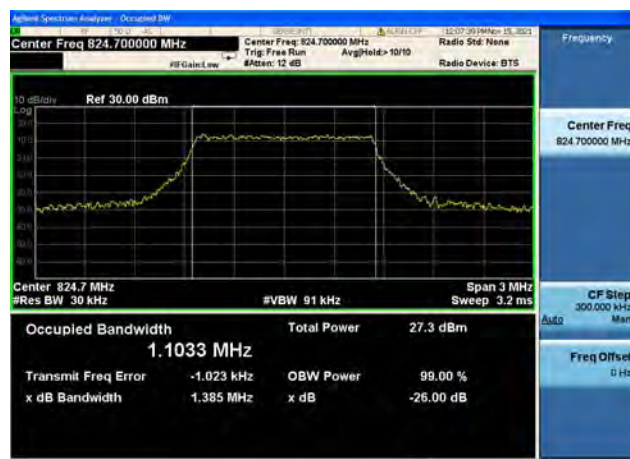
Band26 / 1.4MHz / Low CH / QPSK



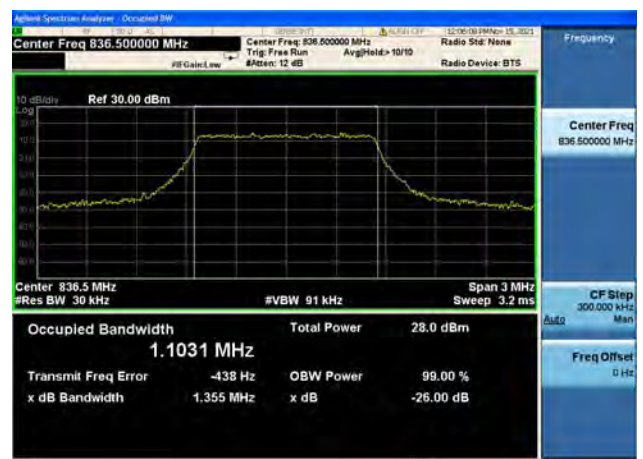
Band26 / 1.4MHz / Low CH / 16QAM



Band26 / 1.4MHz / Low CH / 64QAM



Band26 / 1.4MHz / Mid CH / QPSK



Band26 / 1.4MHz / Mid CH / 16QAM



Band26 / 1.4MHz / Mid CH / 64QAM



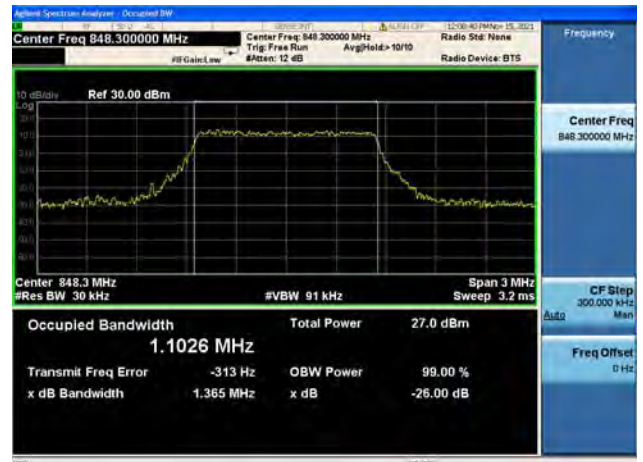




Band26 / 1.4MHz / High CH / QPSK



Band26 / 1.4MHz / High CH / 16QAM



Band26 / 1.4MHz / High CH / 64QAM



Band26 / 3MHz / Low CH / QPSK



Band26 / 3MHz / Low CH / 16QAM



Band26 / 3MHz / Low CH / 64QAM



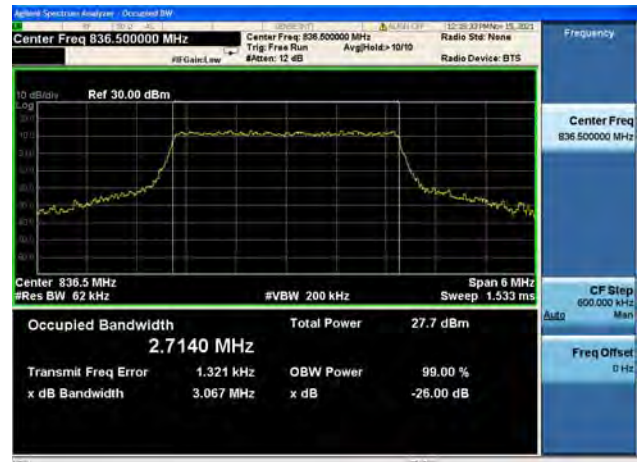




Band26 / 3MHz / Mid CH / QPSK



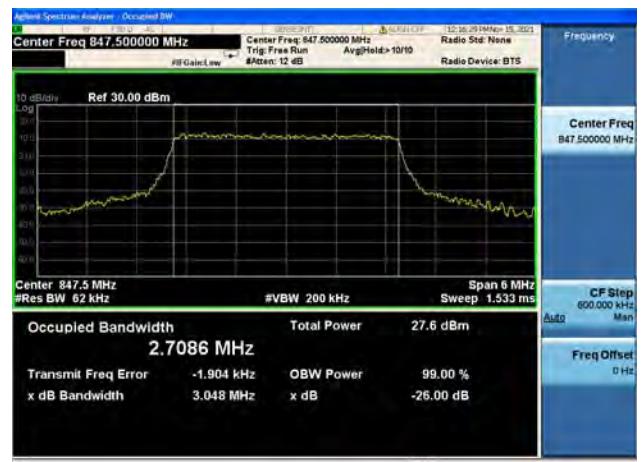
Band26 / 3MHz / Mid CH / 16QAM



Band26 / 3MHz / Mid CH / 64QAM



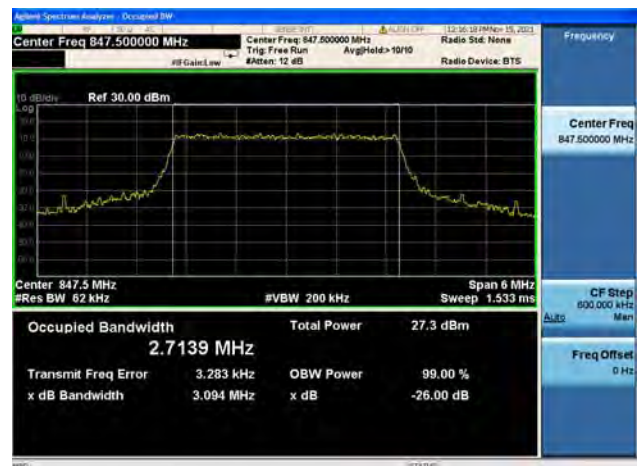
Band26 / 3MHz / High CH / QPSK



Band26 / 3MHz / High CH / 16QAM

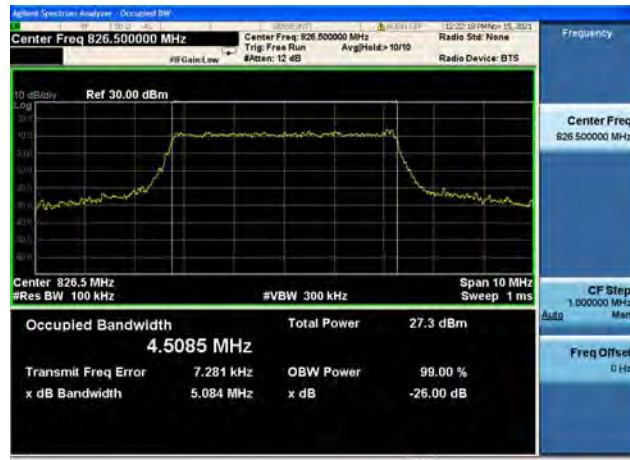


Band26 / 3MHz / High CH / 64QAM

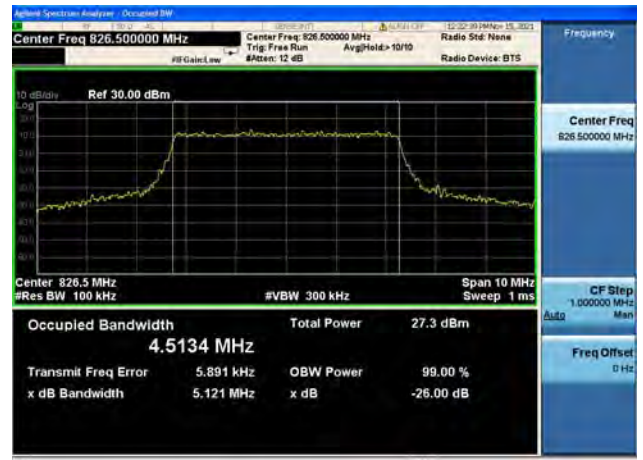




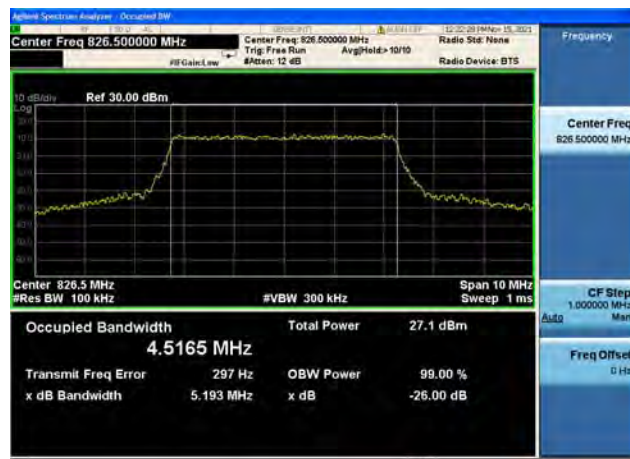
Band26 / 5MHz / Low CH / QPSK



Band26 / 5MHz / Low CH / 16QAM



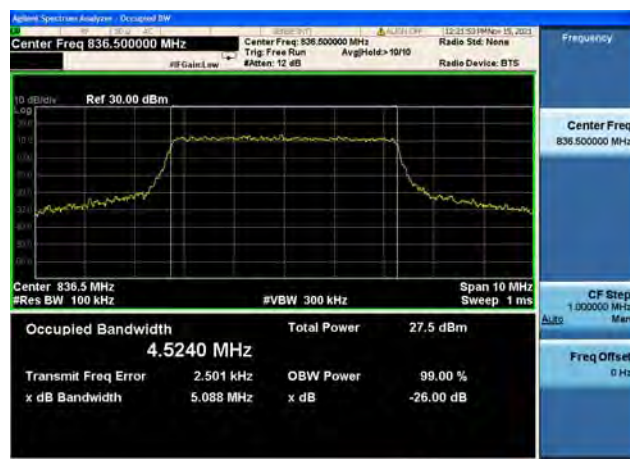
Band26 / 5MHz / Low CH / 64QAM



Band26 / 5MHz / Mid CH / QPSK



Band26 / 5MHz / Mid CH / 16QAM



Band26 / 5MHz / Mid CH / 64QAM

