



# TEST REPORT

**APPLICANT** : Great Talent Technology Limited

**PRODUCT NAME** : Smart Phone

**MODEL NAME** : ACK2326

**BRAND NAME** : ANS

**FCC ID** : 2ALZM-ACK2326

**STANDARD(S)** : 47 CFR Part 2  
47 CFR Part 22, Subpart H  
47 CFR Part 24, Subpart E  
47 CFR Part 27, Subpart H&L&M&N

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Change History		
Version	Date	Reason for change
1.0	2022-05-17	First edition



# 1. Technical Information

Note: Provide by applicant.

## 1.1. Applicant and Manufacturer Information

<b>Applicant:</b>	Great Talent Technology Limited
<b>Applicant Address:</b>	35F, HBC HuiLong Center Building-II Minzhi Street, Longhua, Shenzhen, P. R. China 518110
<b>Manufacturer:</b>	Great Talent Technology Limited
<b>Manufacturer Address:</b>	35F, HBC HuiLong Center Building-II Minzhi Street, Longhua, Shenzhen, P. R. China 518110

## 1.2. Equipment Under Test (EUT) Description

<b>Product Name:</b>	Smart Phone	
<b>Sample No.:</b>	2#	
<b>Hardware Version:</b>	Q6002_V1.0	
<b>Software Version:</b>	ACK2326V1.0.0B001	
<b>Modulation Type:</b>	QPSK, 16QAM, 64QAM	
<b>Carrier Aggregation:</b>	CA_41C	
<b>Operation Band:</b>	Band 2 / 4 / 5 / 12 / 25 / 26 / 41 / 66 / 71	
<b>Power Class:</b>	Class 3 (Except for LTE Band 41 support both class 2 and class 3)	
<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 12	Tx: 699MHz–716MHz
		Rx: 729MHz–746MHz
	LTE Band 25	Tx: 1850MHz–1915MHz
		Rx: 1930MHz–1995MHz
	LTE Band 26	Tx: 824MHz–849MHz
		Rx: 869MHz–894MHz
	LTE Band 41	Tx: 2496MHz–2690MHz
		Tx: 2496MHz–2690MHz



<b>Frequency Range:</b>	LTE Band 66	Tx: 1710MHz–1780MHz
		Rx: 2110MHz–2200MHz
	LTE Band 71	Tx: 663MHz–698MHz
		Rx: 617MHz–652MHz
<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 12	1.4MHz, 3 MHz, 5 MHz, 10MHz
	LTE Band 25	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
	LTE Band 26	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz
	LTE Band 41	5 MHz, 10MHz, 15MHz, 20MHz
	LTE Band 66	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
	LTE Band 71	5MHz, 10MHz, 15MHz, 20MHz
<b>Antenna Type:</b>	Fixed Internal Antenna	
<b>Antenna Gain:</b>	LTE Band 2	1.91dBi
	LTE Band 4	0.86dBi
	LTE Band 5	-2.44dBi
	LTE Band 12	-1.47dBi
	LTE Band 25	1.91dBi
	LTE Band 26	-2.44dBi
	LTE Band 41	1.90dBi
	LTE Band 66	0.82dBi
	LTE Band 71	-2.72dBi
<b>Accessory Information:</b>	Battery	
	Brand Name:	N/A
	Model No.:	BTE-3005
	Serial No.:	N/A
	Capacity:	3000mAh
	Rated Voltage:	3.8V
	Charge Limit:	4.35V
	Manufacturer:	Phenix New Energy (Hui Zhou) Co., Ltd.



<b>Accessory Information:</b>	AC Adapter	
	Brand Name:	N/A
	Model No.:	TPA-46050200UU
	Serial No.:	N/A
	Rated Output:	5V $\Rightarrow$ 2000mA
	Rated Input:	100-240V $\sim$ 50/60Hz, 0.3A
	Manufacturer:	Shenzhen Tianyin Electronics Co., Ltd.

**Note 1:** LTE Band 41 supports both power class 2 and class 3. We have evaluated two power classes respectively by performing full test, for Conducted Output Power and E.I.R.P. we recorded the test result of two power classes separately, for other test items we only recorded the worst test result (Class 2) in this report.

**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	0.303	0.256	0.248	18M0G7D	18M0W7D	18M0W7D	
15	0.299	0.252	0.248	13M5G7D	13M5W7D	13M5W7D	
10	0.294	0.255	0.247	9M00G7D	8M98W7D	8M99W7D	
5	0.299	0.254	0.245	4M51G7D	4M51W7D	4M52W7D	
3	0.297	0.255	0.248	2M70G7D	2M71W7D	2M71W7D	
1.4	0.294	0.251	0.251	1M10G7D	1M10W7D	1M10W7D	
<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	0.290	0.230	0.228	18M0G7D	18M0W7D	18M0W7D	
15	0.287	0.230	0.232	13M5G7D	13M5W7D	13M5W7D	
10	0.283	0.230	0.231	8M99G7D	8M96W7D	8M99W7D	
5	0.286	0.234	0.231	4M51G7D	4M51W7D	4M52W7D	
3	0.284	0.230	0.227	2M70G7D	2M71W7D	2M70W7D	
1.4	0.282	0.231	0.230	1M10G7D	1M10W7D	1M10W7D	
<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	0.065	0.057	0.053	9M00G7D	8M97W7D	8M99W7D	
5	0.064	0.055	0.051	4M51G7D	4M51W7D	4M50W7D	
3	0.063	0.055	0.054	2M71G7D	2M70W7D	2M71W7D	
1.4	0.065	0.055	0.052	1M10G7D	1M10W7D	1M10W7D	
<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	0.083	0.067	0.066	9M01G7D	8M97W7D	8M98W7D	
5	0.081	0.064	0.065	4M51G7D	4M51W7D	4M52W7D	
3	0.081	0.065	0.064	2M70G7D	2M70W7D	2M70W7D	
1.4	0.082	0.065	0.065	1M107D	1M11W7D	1M10W7D	
<b>LTE Band 25</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	0.285	0.245	0.239	18M0G7D	18M0W7D	18M0W7D	
15	0.282	0.242	0.241	13M5G7D	13M5W7D	13M4W7D	
10	0.279	0.239	0.236	9M00G7D	8M97W7D	9M00W7D	
5	0.280	0.244	0.240	4M51G7D	4M51W7D	4M52W7D	
3	0.283	0.243	0.240	2M70G7D	2M70W7D	2M70W7D	
1.4	0.277	0.240	0.242	1M10G7D	1M10W7D	1M10W7D	



<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	0.068	0.057	0.054	13M5G7D	13M5W7D	13M5W7D
10	0.064	0.053	0.052	8M98G7D	8M98W7D	8M98W7D
5	0.065	0.054	0.053	4M51G7D	4M51W7D	4M52W7D
3	0.065	0.054	0.053	2M70G7D	2M70W7D	2M70W7D
1.4	0.067	0.055	0.054	1M10G7D	1M10W7D	1M10W7D
<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	0.278	0.228	0.219	18M0G7D	18M0W7D	18M0W7D
15	0.272	0.223	0.219	13M5G7D	13M5W7D	13M5W7D
10	0.272	0.223	0.218	9M00G7D	8M97W7D	8M98W7D
5	0.275	0.225	0.217	4M52G7D	4M51W7D	4M51W7D
3	0.277	0.226	0.219	2M70G7D	2M71W7D	2M71W7D
1.4	0.272	0.225	0.220	1M10G7D	1M10W7D	1M10W7D
<b>LTE Band 71</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	0.078	0.061	0.059	17M9G7D	18M0W7D	17M9W7D
15	0.076	0.060	0.058	13M5G7D	13M5W7D	13M5W7D
10	0.077	0.060	0.059	9M01G7D	8M97W7D	8M99W7D
5	0.077	0.060	0.060	4M50G7D	4M51W7D	4M51W7D

<b>LTE Band 41</b>	<b>Maximum E.R.P./E.I.R.P. (W)</b>					
	<b>Power Class 2</b>			<b>Power Class 3</b>		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20	0.339	0.267	0.259	0.166	0.137	0.132
15	0.333	0.265	0.258	0.162	0.138	0.134
10	0.327	0.256	0.252	0.163	0.135	0.130
5	0.335	0.264	0.256	0.161	0.133	0.129
<b>LTE Band 41</b>	<b>Emission Designator (99%OBW)</b>					
BW(MHz)	QPSK		16QAM		64QAM	
5	4M53G7D		4M51W7D		4M52W7D	
10	8M98G7D		8M98W7D		8M99W7D	
15	13M5G7D		13M5W7D		13M5W7D	
20	18M0G7D		18M0W7D		18M0W7D	



## 1.4. Test Standards and Results

The objective of the report is to perform testing according to Part 2, Part 22, Part 24 and 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(c)(10) 27.50(d)(4) 27.50(h)(2)	Transmitter Conducted Output Power and E.R.P./E.I.R.P.	Apr. 24, 2022	Tan Xiaowei Li Huaijie	PASS	No deviation
2.1049	Occupied Bandwidth	Apr. 14&20, 2022	Li Huaijie	PASS	No deviation
2.1055 22.355 24.235 27.54	Frequency Stability	Apr. 24, 2022	Li Huaijie	PASS	No deviation
24.232(d), 27.50(d)(5)	Peak to Average Radio	Apr. 14, 2022	Li Huaijie	PASS	No deviation
2.1051 22.917(a) 24.238(a) 27.53(g) 27.53(h) 27.53(m)(4)	Conducted Spurious Emissions	Apr. 13&21, 2022	Li Huaijie	PASS	No deviation
2.1051 22.917(a) 24.238(a)	Band Edge	Apr. 13&14, 2022	Li Huaijie	PASS	No deviation





27.53(g) 27.53(h) 27.53(m)(4)					
2.1053 22.917(a) 24.238(a) 27.53(g) 27.53(h) 27.53(m)(4)	Radiated Spurious Emissions	Apr. 13&14, 2022	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&N 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 2/25, 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.

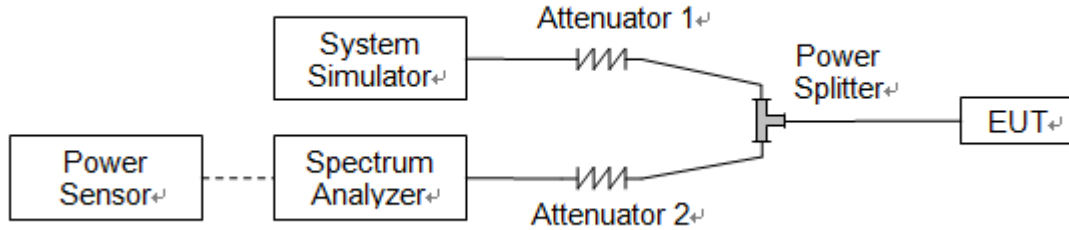
According to FCC section 27.50 (d)(4) for LTE Band 4/66, Fixed, mobile and portable (hand-held) stations in the 1710-1755MHz band are limited to 1wat E.I.R.P.

According to FCC section22.913 (a)(2) for LTE Band 5/26, 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 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 12/71, Portable stations (hand-held devices) operating in the 704-716MHz band are limited to 3watts E.R.P.

### 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	22.84	22.90	22.82
20	QPSK	1	49	22.71	22.81	22.73
20	QPSK	1	99	22.46	22.42	22.44
20	QPSK	50	0	21.92	22.06	22.02
20	QPSK	50	24	22.04	22.08	22.05
20	QPSK	50	50	21.94	21.97	21.89
20	QPSK	100	0	22.00	21.95	21.94
20	16QAM	1	0	22.01	22.18	22.03
20	16QAM	1	49	21.96	22.08	21.97
20	16QAM	1	99	21.81	21.76	21.79
20	16QAM	50	0	20.98	21.18	21.05
20	16QAM	50	24	20.89	21.05	20.93
20	16QAM	50	50	20.85	20.93	20.87
20	16QAM	100	0	20.76	20.90	20.81
20	64QAM	1	0	22.00	22.04	21.98
20	64QAM	1	49	21.96	22.00	21.93
20	64QAM	1	99	21.61	21.69	21.67
20	64QAM	50	0	20.90	21.05	20.89
20	64QAM	50	24	20.86	21.07	20.85
20	64QAM	50	50	20.79	20.88	20.83
20	64QAM	100	0	20.83	20.92	20.87



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	22.78	22.84	22.77
15	QPSK	1	37	22.71	22.81	22.73
15	QPSK	1	74	22.46	22.42	22.44
15	QPSK	36	0	21.92	22.06	22.02
15	QPSK	36	20	22.04	22.08	22.05
15	QPSK	36	39	21.94	21.97	21.89
15	QPSK	75	0	22.00	21.95	21.94
15	16QAM	1	0	21.99	22.11	22.01
15	16QAM	1	37	21.94	21.97	21.95
15	16QAM	1	74	21.79	21.74	21.77
15	16QAM	36	0	20.96	21.09	21.03
15	16QAM	36	20	20.87	21.03	20.91
15	16QAM	36	39	20.83	20.91	20.85
15	16QAM	75	0	20.74	20.88	20.79
15	64QAM	1	0	21.97	22.03	21.95
15	64QAM	1	37	21.93	21.97	21.90
15	64QAM	1	74	21.58	21.66	21.64
15	64QAM	36	0	20.87	21.02	20.86
15	64QAM	36	20	20.83	21.03	20.82
15	64QAM	36	39	20.76	20.85	20.80
15	64QAM	75	0	20.80	20.89	20.84



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	22.71	22.77	22.74
10	QPSK	1	25	22.67	22.75	22.69
10	QPSK	1	49	22.42	22.39	22.44
10	QPSK	25	0	21.88	22.03	22.02
10	QPSK	25	12	22.00	22.05	22.05
10	QPSK	25	25	21.90	21.94	21.89
10	QPSK	50	0	21.96	21.92	21.94
10	16QAM	1	0	21.98	22.16	22.04
10	16QAM	1	25	21.93	22.06	21.98
10	16QAM	1	49	21.78	21.74	21.80
10	16QAM	25	0	20.95	21.16	21.06
10	16QAM	25	12	20.86	21.03	20.94
10	16QAM	25	25	20.82	20.91	20.88
10	16QAM	50	0	20.73	20.88	20.82
10	64QAM	1	0	21.97	22.01	21.99
10	64QAM	1	25	21.93	21.96	21.94
10	64QAM	1	49	21.58	21.67	21.68
10	64QAM	25	0	20.87	21.03	20.90
10	64QAM	25	12	20.83	21.05	20.86
10	64QAM	25	25	20.76	20.86	20.84
10	64QAM	50	0	20.80	20.90	20.88



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	22.80	22.85	22.81
5	QPSK	1	12	22.74	22.79	22.69
5	QPSK	1	24	22.48	22.45	22.44
5	QPSK	12	0	21.91	22.02	22.01
5	QPSK	12	7	22.03	22.07	22.04
5	QPSK	12	13	21.93	21.96	21.88
5	QPSK	25	0	21.99	21.94	21.93
5	16QAM	1	0	21.96	22.13	21.98
5	16QAM	1	12	21.91	22.03	21.92
5	16QAM	1	24	21.76	21.71	21.74
5	16QAM	12	0	20.94	21.10	21.02
5	16QAM	12	7	20.85	20.97	20.90
5	16QAM	12	13	20.81	20.85	20.84
5	16QAM	25	0	20.72	20.82	20.78
5	64QAM	1	0	21.99	21.99	21.98
5	64QAM	1	12	21.95	21.97	21.93
5	64QAM	1	24	21.60	21.64	21.67
5	64QAM	12	0	20.89	21.00	20.89
5	64QAM	12	7	20.85	21.02	20.85
5	64QAM	12	13	20.78	20.83	20.83
5	64QAM	25	0	20.82	20.87	20.87



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	22.74	22.82	22.77
3	QPSK	1	8	22.68	22.80	22.75
3	QPSK	1	14	22.49	22.56	22.47
3	QPSK	8	0	21.97	22.08	22.02
3	QPSK	8	4	21.99	22.04	22.01
3	QPSK	8	7	21.93	21.97	21.89
3	QPSK	15	0	22.00	21.95	21.94
3	16QAM	1	0	21.99	22.16	22.01
3	16QAM	1	8	21.94	22.06	21.95
3	16QAM	1	14	21.79	21.74	21.77
3	16QAM	8	0	20.96	21.09	21.03
3	16QAM	8	4	20.87	21.01	20.91
3	16QAM	8	7	20.83	20.89	20.85
3	16QAM	15	0	20.74	20.88	20.79
3	64QAM	1	0	22.00	22.04	21.97
3	64QAM	1	8	21.89	22.00	21.93
3	64QAM	1	14	21.61	21.69	21.67
3	64QAM	8	0	20.90	21.05	20.89
3	64QAM	8	4	20.85	20.99	20.84
3	64QAM	8	7	20.80	20.87	20.83
3	64QAM	15	0	20.84	20.93	20.89





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	22.59	22.74	22.62
1.4	QPSK	1	3	22.74	22.78	22.76
1.4	QPSK	1	5	22.55	22.53	22.49
1.4	QPSK	3	0	22.09	22.10	22.05
1.4	QPSK	3	1	22.02	22.04	22.01
1.4	QPSK	3	3	21.95	21.98	21.91
1.4	QPSK	6	0	21.98	21.97	21.96
1.4	16QAM	1	0	22.01	22.09	22.03
1.4	16QAM	1	3	21.96	22.04	21.97
1.4	16QAM	1	5	21.80	21.83	21.77
1.4	16QAM	3	0	20.94	21.09	20.99
1.4	16QAM	3	1	20.87	21.03	20.85
1.4	16QAM	3	3	20.86	20.91	20.83
1.4	16QAM	6	0	20.81	20.88	20.87
1.4	64QAM	1	0	21.96	22.01	21.98
1.4	64QAM	1	3	21.93	22.09	21.94
1.4	64QAM	1	5	21.79	21.85	21.71
1.4	64QAM	3	0	20.93	21.06	20.92
1.4	64QAM	3	1	20.87	21.01	20.93
1.4	64QAM	3	3	20.91	20.91	20.85
1.4	64QAM	6	0	20.82	20.89	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				20050	20175	20300
Frequency (MHz)				1720	1732.5	1745
20	QPSK	1	0	23.66	23.76	23.58
20	QPSK	1	49	23.42	23.45	23.36
20	QPSK	1	99	23.37	23.49	23.39
20	QPSK	50	0	22.56	22.72	22.53
20	QPSK	50	24	22.65	22.61	22.49
20	QPSK	50	50	22.59	22.64	22.57
20	QPSK	100	0	22.68	22.71	22.59
20	16QAM	1	0	22.72	22.76	22.65
20	16QAM	1	49	22.70	22.69	22.60
20	16QAM	1	99	22.65	22.62	22.56
20	16QAM	50	0	21.77	21.74	21.71
20	16QAM	50	24	21.68	21.69	21.62
20	16QAM	50	50	21.59	21.65	21.54
20	16QAM	100	0	21.60	21.64	21.56
20	64QAM	1	0	22.68	22.72	22.63
20	64QAM	1	49	22.64	22.68	22.59
20	64QAM	1	99	22.58	22.63	22.52
20	64QAM	50	0	21.71	21.68	21.66
20	64QAM	50	24	21.63	21.66	21.58
20	64QAM	50	50	21.53	21.59	21.51
20	64QAM	100	0	21.60	21.56	21.53



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	23.63	23.72	23.62
15	QPSK	1	37	23.39	23.43	23.40
15	QPSK	1	74	23.65	23.47	23.43
15	QPSK	36	0	22.53	22.70	22.57
15	QPSK	36	20	22.62	22.59	22.53
15	QPSK	36	39	22.56	22.62	22.61
15	QPSK	75	0	22.65	22.69	22.63
15	16QAM	1	0	22.71	22.76	22.71
15	16QAM	1	37	22.69	22.69	22.66
15	16QAM	1	74	22.64	22.62	22.62
15	16QAM	36	0	21.76	21.74	21.77
15	16QAM	36	20	21.67	21.69	21.68
15	16QAM	36	39	21.58	21.65	21.60
15	16QAM	75	0	21.59	21.64	21.62
15	64QAM	1	0	22.75	22.79	22.70
15	64QAM	1	37	22.71	22.75	22.66
15	64QAM	1	74	22.65	22.70	22.59
15	64QAM	36	0	21.78	21.75	21.73
15	64QAM	36	20	21.70	21.73	21.65
15	64QAM	36	39	21.60	21.66	21.58
15	64QAM	75	0	21.67	21.63	21.60



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	23.61	23.66	23.57
10	QPSK	1	25	23.37	23.42	23.35
10	QPSK	1	49	23.32	23.46	23.38
10	QPSK	25	0	22.51	22.69	22.52
10	QPSK	25	12	22.60	22.58	22.48
10	QPSK	25	25	22.54	22.61	22.56
10	QPSK	50	0	22.63	22.68	22.58
10	16QAM	1	0	22.72	22.76	22.64
10	16QAM	1	25	22.70	22.69	22.59
10	16QAM	1	49	22.65	22.62	22.55
10	16QAM	25	0	21.72	21.69	21.66
10	16QAM	25	12	21.63	21.64	21.57
10	16QAM	25	25	21.54	21.60	21.49
10	16QAM	50	0	21.55	21.59	21.51
10	64QAM	1	0	22.73	22.77	22.68
10	64QAM	1	25	22.69	22.73	22.64
10	64QAM	1	49	22.63	22.68	22.57
10	64QAM	25	0	21.78	21.75	21.73
10	64QAM	25	12	21.70	21.73	21.65
10	64QAM	25	25	21.60	21.66	21.58
10	64QAM	50	0	21.67	21.63	21.60



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	23.59	23.70	23.53
5	QPSK	1	12	23.35	23.37	23.31
5	QPSK	1	24	23.30	23.40	23.34
5	QPSK	12	0	22.49	22.62	22.48
5	QPSK	12	7	22.58	22.51	22.44
5	QPSK	12	13	22.52	22.54	22.52
5	QPSK	25	0	22.61	22.61	22.54
5	16QAM	1	0	22.79	22.83	22.72
5	16QAM	1	12	22.77	22.76	22.67
5	16QAM	1	24	22.72	22.69	22.63
5	16QAM	12	0	21.84	21.81	21.78
5	16QAM	12	7	21.75	21.76	21.69
5	16QAM	12	13	21.66	21.72	21.61
5	16QAM	25	0	21.67	21.71	21.63
5	64QAM	1	0	22.73	22.77	22.68
5	64QAM	1	12	22.69	22.73	22.64
5	64QAM	1	24	22.63	22.68	22.57
5	64QAM	12	0	21.76	21.73	21.71
5	64QAM	12	7	21.68	21.71	21.63
5	64QAM	12	13	21.58	21.64	21.56
5	64QAM	25	0	21.65	21.61	21.58



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	23.60	23.68	23.55
3	QPSK	1	8	23.36	23.37	23.33
3	QPSK	1	14	23.31	23.38	23.36
3	QPSK	8	0	22.52	22.72	22.56
3	QPSK	8	4	22.61	22.61	22.52
3	QPSK	8	7	22.55	22.64	22.60
3	QPSK	15	0	22.64	22.71	22.62
3	16QAM	1	0	22.74	22.76	22.71
3	16QAM	1	8	22.72	22.69	22.66
3	16QAM	1	14	22.67	22.62	22.62
3	16QAM	8	0	21.79	21.72	21.69
3	16QAM	8	4	21.70	21.67	21.60
3	16QAM	8	7	21.61	21.63	21.52
3	16QAM	15	0	21.62	21.62	21.54
3	64QAM	1	0	22.70	22.70	22.61
3	64QAM	1	8	22.66	22.66	22.57
3	64QAM	1	14	22.60	22.61	22.50
3	64QAM	8	0	21.73	21.66	21.64
3	64QAM	8	4	21.65	21.64	21.56
3	64QAM	8	7	21.55	21.57	21.49
3	64QAM	15	0	21.62	21.54	21.51



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	23.58	23.64	23.58
1.4	QPSK	1	3	23.35	23.36	23.30
1.4	QPSK	1	5	23.29	23.43	23.39
1.4	QPSK	3	0	22.48	22.66	22.53
1.4	QPSK	3	1	22.57	22.55	22.49
1.4	QPSK	3	3	22.51	22.58	22.57
1.4	QPSK	6	0	22.60	22.73	22.59
1.4	16QAM	1	0	22.64	22.78	22.68
1.4	16QAM	1	3	22.62	22.71	22.63
1.4	16QAM	1	5	22.57	22.64	22.59
1.4	16QAM	3	0	21.69	21.76	21.74
1.4	16QAM	3	1	21.60	21.71	21.65
1.4	16QAM	3	3	21.51	21.67	21.57
1.4	16QAM	6	0	21.52	21.66	21.59
1.4	64QAM	1	0	22.70	22.75	22.66
1.4	64QAM	1	3	22.67	22.71	22.62
1.4	64QAM	1	5	22.61	22.66	22.55
1.4	64QAM	3	0	21.74	21.71	21.69
1.4	64QAM	3	1	21.66	21.69	21.61
1.4	64QAM	3	3	21.56	21.62	21.54
1.4	64QAM	6	0	21.63	21.59	21.56



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	22.55	22.72	22.57
10	QPSK	1	25	22.53	22.64	22.48
10	QPSK	1	49	22.58	22.69	22.43
10	QPSK	25	0	21.66	21.71	21.53
10	QPSK	25	12	21.61	21.68	21.47
10	QPSK	25	25	21.67	21.69	21.39
10	QPSK	50	0	21.63	21.64	21.46
10	16QAM	1	0	22.05	22.15	21.91
10	16QAM	1	25	21.97	21.86	21.83
10	16QAM	1	49	21.86	21.77	21.75
10	16QAM	25	0	20.70	20.62	20.53
10	16QAM	25	12	20.68	20.59	20.49
10	16QAM	25	25	20.59	20.53	20.43
10	16QAM	50	0	20.54	20.63	20.38
10	64QAM	1	0	21.71	21.87	21.66
10	64QAM	1	25	21.64	21.67	21.59
10	64QAM	1	49	21.57	21.77	21.48
10	64QAM	25	0	20.77	20.61	20.63
10	64QAM	25	12	20.69	20.58	20.56
10	64QAM	25	25	20.61	20.49	20.43
10	64QAM	50	0	20.56	20.67	20.41





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	22.62	22.66	22.54
5	QPSK	1	12	22.55	22.49	22.53
5	QPSK	1	24	22.58	22.57	22.39
5	QPSK	12	0	21.61	21.55	21.51
5	QPSK	12	7	21.56	21.55	21.45
5	QPSK	12	13	21.62	21.56	21.37
5	QPSK	25	0	21.58	21.58	21.44
5	16QAM	1	0	21.94	21.96	21.83
5	16QAM	1	12	21.86	21.67	21.75
5	16QAM	1	24	21.75	21.58	21.67
5	16QAM	12	0	20.67	20.51	20.53
5	16QAM	12	7	20.65	20.48	20.49
5	16QAM	12	13	20.56	20.42	20.43
5	16QAM	25	0	20.51	20.52	20.38
5	64QAM	1	0	21.62	21.70	21.60
5	64QAM	1	12	21.55	21.50	21.53
5	64QAM	1	24	21.48	21.60	21.42
5	64QAM	12	0	20.72	20.48	20.61
5	64QAM	12	7	20.64	20.45	20.54
5	64QAM	12	13	20.56	20.36	20.41
5	64QAM	25	0	20.51	20.54	20.39



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	22.57	22.59	22.50
3	QPSK	1	8	22.53	22.45	22.40
3	QPSK	1	14	22.57	22.53	22.35
3	QPSK	8	0	21.58	21.53	21.45
3	QPSK	8	4	21.53	21.57	21.39
3	QPSK	8	7	21.59	21.58	21.31
3	QPSK	15	0	21.55	21.60	21.38
3	16QAM	1	0	21.86	21.96	21.83
3	16QAM	1	8	21.78	21.67	21.75
3	16QAM	1	14	21.67	21.58	21.67
3	16QAM	8	0	20.56	20.48	20.53
3	16QAM	8	4	20.73	20.64	20.49
3	16QAM	8	7	20.64	20.58	20.43
3	16QAM	15	0	20.59	20.68	20.38
3	64QAM	1	0	21.74	21.90	21.69
3	64QAM	1	8	21.67	21.70	21.62
3	64QAM	1	14	21.60	21.80	21.51
3	64QAM	8	0	20.80	20.64	20.66
3	64QAM	8	4	20.72	20.61	20.59
3	64QAM	8	7	20.64	20.52	20.46
3	64QAM	15	0	20.59	20.70	20.44



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	22.66	22.70	22.49
1.4	QPSK	1	3	22.58	22.56	22.39
1.4	QPSK	1	5	22.57	22.59	22.34
1.4	QPSK	3	0	21.63	21.56	21.44
1.4	QPSK	3	1	21.58	21.60	21.38
1.4	QPSK	3	3	21.64	21.61	21.30
1.4	QPSK	6	0	21.60	21.63	21.37
1.4	16QAM	1	0	21.95	21.98	21.82
1.4	16QAM	1	3	21.94	21.78	21.74
1.4	16QAM	1	5	21.83	21.69	21.66
1.4	16QAM	3	0	20.70	20.54	20.53
1.4	16QAM	3	1	20.68	20.51	20.49
1.4	16QAM	3	3	20.59	20.45	20.43
1.4	16QAM	6	0	20.54	20.63	20.38
1.4	64QAM	1	0	21.67	21.79	21.62
1.4	64QAM	1	3	21.60	21.64	21.55
1.4	64QAM	1	5	21.53	21.73	21.44
1.4	64QAM	3	0	20.73	20.57	20.59
1.4	64QAM	3	1	20.66	20.53	20.52
1.4	64QAM	3	3	20.57	20.45	20.40
1.4	64QAM	6	0	20.52	20.59	20.37



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	22.64	22.83	22.71
10	QPSK	1	25	22.67	22.73	22.62
10	QPSK	1	49	22.57	22.65	22.55
10	QPSK	25	0	21.45	21.59	21.39
10	QPSK	25	12	21.32	21.51	21.30
10	QPSK	25	25	21.29	21.43	21.23
10	QPSK	50	0	21.23	21.60	21.25
10	16QAM	1	0	21.71	21.85	21.67
10	16QAM	1	25	21.62	21.73	21.58
10	16QAM	1	49	21.50	21.67	21.46
10	16QAM	25	0	20.48	20.59	20.41
10	16QAM	25	12	20.42	20.50	20.35
10	16QAM	25	25	20.33	20.43	20.19
10	16QAM	50	0	20.35	20.54	20.23
10	64QAM	1	0	21.68	21.81	21.61
10	64QAM	1	25	21.57	21.70	21.39
10	64QAM	1	49	21.51	21.62	21.45
10	64QAM	25	0	20.59	20.66	20.36
10	64QAM	25	12	20.47	20.55	20.30
10	64QAM	25	25	20.55	20.47	20.24
10	64QAM	50	0	20.49	20.54	20.23



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	22.50	22.68	22.51
5	QPSK	1	12	22.53	22.58	22.42
5	QPSK	1	24	22.43	22.50	22.35
5	QPSK	12	0	21.31	21.44	21.19
5	QPSK	12	7	21.18	21.36	21.10
5	QPSK	12	13	21.15	21.28	21.03
5	QPSK	25	0	21.09	21.45	21.05
5	16QAM	1	0	21.57	21.70	21.47
5	16QAM	1	12	21.48	21.58	21.38
5	16QAM	1	24	21.36	21.52	21.26
5	16QAM	12	0	20.43	20.54	20.36
5	16QAM	12	7	20.37	20.45	20.30
5	16QAM	12	13	20.28	20.38	20.14
5	16QAM	25	0	20.30	20.49	20.18
5	64QAM	1	0	21.63	21.76	21.56
5	64QAM	1	12	21.52	21.65	21.34
5	64QAM	1	24	21.46	21.57	21.40
5	64QAM	12	0	20.60	20.67	20.37
5	64QAM	12	7	20.48	20.56	20.31
5	64QAM	12	13	20.56	20.48	20.25
5	64QAM	25	0	20.50	20.55	20.24



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	22.51	22.73	22.54
3	QPSK	1	8	22.49	22.61	22.45
3	QPSK	1	14	22.44	22.55	22.33
3	QPSK	8	0	21.32	21.49	21.22
3	QPSK	8	4	21.19	21.41	21.13
3	QPSK	8	7	21.16	21.33	21.06
3	QPSK	15	0	21.10	21.50	21.08
3	16QAM	1	0	21.58	21.75	21.50
3	16QAM	1	8	21.49	21.63	21.41
3	16QAM	1	14	21.37	21.57	21.29
3	16QAM	8	0	20.45	20.57	20.33
3	16QAM	8	4	20.39	20.47	20.32
3	16QAM	8	7	20.30	20.40	20.16
3	16QAM	15	0	20.32	20.51	20.20
3	64QAM	1	0	21.65	21.69	21.58
3	64QAM	1	8	21.54	21.67	21.36
3	64QAM	1	14	21.48	21.59	21.42
3	64QAM	8	0	20.56	20.62	20.33
3	64QAM	8	4	20.44	20.52	20.27
3	64QAM	8	7	20.52	20.44	20.21
3	64QAM	15	0	20.46	20.51	20.20



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	22.56	22.75	22.63
1.4	QPSK	1	3	22.51	22.62	22.53
1.4	QPSK	1	5	22.49	22.57	22.47
1.4	QPSK	3	0	21.37	21.51	21.31
1.4	QPSK	3	1	21.24	21.43	21.22
1.4	QPSK	3	3	21.21	21.35	21.15
1.4	QPSK	6	0	21.15	21.52	21.17
1.4	16QAM	1	0	21.63	21.77	21.59
1.4	16QAM	1	3	21.54	21.65	21.50
1.4	16QAM	1	5	21.42	21.59	21.38
1.4	16QAM	3	0	20.40	20.51	20.33
1.4	16QAM	3	1	20.34	20.42	20.27
1.4	16QAM	3	3	20.25	20.35	20.11
1.4	16QAM	6	0	20.37	20.57	20.26
1.4	64QAM	1	0	21.71	21.70	21.63
1.4	64QAM	1	3	21.60	21.73	21.42
1.4	64QAM	1	5	21.51	21.63	21.48
1.4	64QAM	3	0	20.62	20.69	20.39
1.4	64QAM	3	1	20.50	20.56	20.33
1.4	64QAM	3	3	20.49	20.50	20.29
1.4	64QAM	6	0	20.52	20.55	20.26



LTE Band 25						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26140	26365	26590
Frequency (MHz)				1860	1882.5	1905
20	QPSK	1	0	22.58	22.64	22.57
20	QPSK	1	49	22.54	22.61	22.53
20	QPSK	1	99	22.38	22.22	22.27
20	QPSK	50	0	21.81	21.86	21.80
20	QPSK	50	24	21.83	21.80	21.76
20	QPSK	50	50	21.75	21.77	21.77
20	QPSK	100	0	21.72	21.75	21.68
20	16QAM	1	0	21.94	21.98	21.89
20	16QAM	1	49	21.89	21.88	21.84
20	16QAM	1	99	21.69	21.56	21.61
20	16QAM	50	0	20.97	20.98	20.94
20	16QAM	50	24	20.86	20.85	20.83
20	16QAM	50	50	20.79	20.73	20.76
20	16QAM	100	0	20.76	20.70	20.69
20	64QAM	1	0	21.87	21.84	21.79
20	64QAM	1	49	21.76	21.80	21.71
20	64QAM	1	99	21.69	21.55	21.58
20	64QAM	50	0	20.86	20.85	20.75
20	64QAM	50	24	20.83	20.87	20.69
20	64QAM	50	50	20.71	20.68	20.72
20	64QAM	100	0	20.69	20.67	20.66





LTE Band 25						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26115	26365	26615
Frequency (MHz)				1857.5	1882.5	1907.5
15	QPSK	1	0	22.55	22.59	22.51
15	QPSK	1	37	22.49	22.57	22.47
15	QPSK	1	74	22.29	22.36	22.26
15	QPSK	36	0	22.11	21.96	22.09
15	QPSK	36	20	21.95	21.85	21.96
15	QPSK	36	39	21.82	21.74	21.91
15	QPSK	75	0	21.77	21.76	21.75
15	16QAM	1	0	21.91	21.93	21.88
15	16QAM	1	37	21.83	21.87	21.85
15	16QAM	1	74	21.74	21.66	21.75
15	16QAM	36	0	20.94	20.97	20.89
15	16QAM	36	20	20.85	20.89	20.81
15	16QAM	36	39	20.77	20.78	20.76
15	16QAM	75	0	20.76	20.74	20.78
15	64QAM	1	0	21.91	21.89	21.85
15	64QAM	1	37	21.85	21.83	21.79
15	64QAM	1	74	21.74	21.69	21.70
15	64QAM	36	0	20.91	20.90	20.87
15	64QAM	36	20	20.86	20.87	20.83
15	64QAM	36	39	20.72	20.68	20.75
15	64QAM	75	0	20.69	20.73	20.70



LTE Band 25						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26090	26365	26640
Frequency (MHz)				1855	1882.5	1910
10	QPSK	1	0	22.49	22.54	22.50
10	QPSK	1	25	22.45	22.51	22.46
10	QPSK	1	49	22.29	22.12	22.20
10	QPSK	25	0	22.08	21.76	21.88
10	QPSK	25	12	21.84	21.78	21.79
10	QPSK	25	25	21.66	21.67	21.72
10	QPSK	50	0	21.63	21.65	21.61
10	16QAM	1	0	21.85	21.88	21.83
10	16QAM	1	25	21.80	21.78	21.78
10	16QAM	1	49	21.60	21.46	21.55
10	16QAM	25	0	20.88	20.88	20.88
10	16QAM	25	12	20.77	20.75	20.77
10	16QAM	25	25	20.70	20.63	20.70
10	16QAM	50	0	20.67	20.60	20.63
10	64QAM	1	0	21.82	21.79	21.75
10	64QAM	1	25	21.71	21.75	21.67
10	64QAM	1	49	21.64	21.50	21.54
10	64QAM	25	0	20.81	20.80	20.71
10	64QAM	25	12	20.78	20.82	20.65
10	64QAM	25	25	20.66	20.63	20.68
10	64QAM	50	0	20.64	20.62	20.62



LTE Band 25						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26065	26365	26665
Frequency (MHz)				1852.5	1882.5	1912.5
5	QPSK	1	0	22.53	22.56	22.47
5	QPSK	1	12	22.49	22.53	22.43
5	QPSK	1	24	22.33	22.14	22.17
5	QPSK	12	0	22.12	21.78	21.85
5	QPSK	12	7	21.88	21.80	21.76
5	QPSK	12	13	21.70	21.69	21.69
5	QPSK	25	0	21.67	21.67	21.58
5	16QAM	1	0	21.92	21.96	21.87
5	16QAM	1	12	21.87	21.86	21.82
5	16QAM	1	24	21.67	21.54	21.59
5	16QAM	12	0	20.95	20.96	20.92
5	16QAM	12	7	20.84	20.83	20.81
5	16QAM	12	13	20.77	20.71	20.74
5	16QAM	25	0	20.74	20.68	20.67
5	64QAM	1	0	21.89	21.86	21.81
5	64QAM	1	12	21.78	21.82	21.73
5	64QAM	1	24	21.71	21.57	21.60
5	64QAM	12	0	20.88	20.87	20.77
5	64QAM	12	7	20.85	20.89	20.71
5	64QAM	12	13	20.73	20.70	20.74
5	64QAM	25	0	20.71	20.69	20.68



LTE Band 25						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26055	26365	26675
Frequency (MHz)				1851.5	1882.5	1913.5
3	QPSK	1	0	22.56	22.61	22.49
3	QPSK	1	8	22.52	22.58	22.45
3	QPSK	1	14	22.36	22.19	22.21
3	QPSK	8	0	22.15	21.83	21.87
3	QPSK	8	4	21.91	21.85	21.79
3	QPSK	8	7	21.73	21.74	21.72
3	QPSK	15	0	21.70	21.72	21.65
3	16QAM	1	0	21.92	21.95	21.81
3	16QAM	1	8	21.87	21.85	21.76
3	16QAM	1	14	21.67	21.53	21.53
3	16QAM	8	0	20.95	20.95	20.86
3	16QAM	8	4	20.84	20.82	20.75
3	16QAM	8	7	20.77	20.70	20.68
3	16QAM	15	0	20.74	20.67	20.61
3	64QAM	1	0	21.89	21.85	21.75
3	64QAM	1	8	21.78	21.81	21.67
3	64QAM	1	14	21.71	21.56	21.54
3	64QAM	8	0	20.88	20.86	20.71
3	64QAM	8	4	20.85	20.88	20.65
3	64QAM	8	7	20.73	20.69	20.68
3	64QAM	15	0	20.71	20.68	20.62



LTE Band 25						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26047	26365	26683
Frequency (MHz)				1850.7	1882.5	1914.3
1.4	QPSK	1	0	22.46	22.52	22.45
1.4	QPSK	1	3	22.42	22.49	22.41
1.4	QPSK	1	5	22.26	22.10	22.15
1.4	QPSK	3	0	22.05	21.74	21.83
1.4	QPSK	3	1	21.81	21.76	21.74
1.4	QPSK	3	3	21.63	21.65	21.67
1.4	QPSK	6	0	21.60	21.63	21.56
1.4	16QAM	1	0	21.86	21.90	21.81
1.4	16QAM	1	3	21.81	21.80	21.76
1.4	16QAM	1	5	21.61	21.48	21.53
1.4	16QAM	3	0	20.89	20.90	20.86
1.4	16QAM	3	1	20.78	20.77	20.75
1.4	16QAM	3	3	20.71	20.65	20.68
1.4	16QAM	6	0	20.81	20.75	20.74
1.4	64QAM	1	0	21.92	21.89	21.84
1.4	64QAM	1	3	21.81	21.85	21.76
1.4	64QAM	1	5	21.74	21.60	21.63
1.4	64QAM	3	0	20.91	20.90	20.80
1.4	64QAM	3	1	20.88	20.92	20.75
1.4	64QAM	3	3	20.80	20.81	20.77
1.4	64QAM	6	0	20.70	20.75	20.71



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	22.89	22.83	22.75
15	QPSK	1	37	22.79	22.77	22.71
15	QPSK	1	74	22.85	22.84	22.78
15	QPSK	36	0	21.97	21.94	21.91
15	QPSK	36	20	21.79	21.70	21.80
15	QPSK	36	39	21.65	21.60	21.66
15	QPSK	75	0	21.75	21.65	21.69
15	16QAM	1	0	22.15	22.10	21.99
15	16QAM	1	37	22.06	22.05	21.88
15	16QAM	1	74	21.93	21.89	21.79
15	16QAM	36	0	21.02	20.91	20.98
15	16QAM	36	20	20.96	20.89	20.94
15	16QAM	36	39	20.81	20.71	20.83
15	16QAM	75	0	20.74	20.64	20.76
15	64QAM	1	0	21.89	21.80	21.83
15	64QAM	1	37	21.78	21.74	21.69
15	64QAM	1	74	21.70	21.64	21.60
15	64QAM	36	0	20.87	20.81	20.79
15	64QAM	36	20	20.78	20.67	20.75
15	64QAM	36	39	20.70	20.66	20.66
15	64QAM	75	0	20.59	20.57	20.60



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	22.59	22.51	22.63
10	QPSK	1	25	22.53	22.48	22.59
10	QPSK	1	49	22.55	22.62	22.66
10	QPSK	25	0	21.74	21.70	21.79
10	QPSK	25	12	21.60	21.59	21.68
10	QPSK	25	25	21.49	21.47	21.54
10	QPSK	50	0	21.56	21.51	21.57
10	16QAM	1	0	21.77	21.73	21.82
10	16QAM	1	25	21.61	21.66	21.71
10	16QAM	1	49	21.60	21.59	21.62
10	16QAM	25	0	20.84	20.79	20.86
10	16QAM	25	12	20.80	20.81	20.82
10	16QAM	25	25	20.60	20.64	20.71
10	16QAM	50	0	20.59	20.54	20.64
10	64QAM	1	0	21.67	21.65	21.76
10	64QAM	1	25	21.58	21.56	21.62
10	64QAM	1	49	21.44	21.48	21.53
10	64QAM	25	0	20.67	20.73	20.74
10	64QAM	25	12	20.69	20.68	20.70
10	64QAM	25	25	20.52	20.50	20.61
10	64QAM	50	0	20.50	20.49	20.55



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	22.68	22.61	22.71
5	QPSK	1	12	22.62	22.52	22.64
5	QPSK	1	24	22.65	22.70	22.71
5	QPSK	12	0	21.79	21.76	21.84
5	QPSK	12	7	21.67	21.65	21.73
5	QPSK	12	13	21.55	21.54	21.59
5	QPSK	25	0	21.53	21.56	21.62
5	16QAM	1	0	21.93	21.84	21.94
5	16QAM	1	12	21.76	21.74	21.83
5	16QAM	1	24	21.68	21.64	21.74
5	16QAM	12	0	20.97	20.98	21.02
5	16QAM	12	7	20.97	20.88	20.98
5	16QAM	12	13	20.83	20.85	20.87
5	16QAM	25	0	20.78	20.74	20.80
5	64QAM	1	0	21.80	21.83	21.86
5	64QAM	1	12	21.63	21.69	21.72
5	64QAM	1	24	21.58	21.58	21.63
5	64QAM	12	0	20.72	20.76	20.82
5	64QAM	12	7	20.75	20.71	20.78
5	64QAM	12	13	20.65	20.57	20.69
5	64QAM	25	0	20.55	20.61	20.63





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	22.60	22.64	22.69
3	QPSK	1	8	22.55	22.57	22.62
3	QPSK	1	14	22.63	22.59	22.69
3	QPSK	8	0	21.70	21.71	21.82
3	QPSK	8	4	21.63	21.69	21.71
3	QPSK	8	7	21.53	21.47	21.57
3	QPSK	15	0	21.48	21.48	21.60
3	16QAM	1	0	21.86	21.89	21.93
3	16QAM	1	8	21.80	21.79	21.82
3	16QAM	1	14	21.72	21.64	21.73
3	16QAM	8	0	20.90	20.86	20.92
3	16QAM	8	4	20.78	20.84	20.88
3	16QAM	8	7	20.71	20.65	20.77
3	16QAM	15	0	20.68	20.67	20.70
3	64QAM	1	0	21.76	21.79	21.86
3	64QAM	1	8	21.70	21.65	21.72
3	64QAM	1	14	21.55	21.52	21.63
3	64QAM	8	0	20.75	20.79	20.81
3	64QAM	8	4	20.72	20.67	20.77
3	64QAM	8	7	20.65	20.66	20.68
3	64QAM	15	0	20.55	20.61	20.62



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	22.76	22.71	22.79
1.4	QPSK	1	3	22.72	22.71	22.75
1.4	QPSK	1	5	22.75	22.81	22.82
1.4	QPSK	3	0	21.85	21.92	21.95
1.4	QPSK	3	1	21.78	21.80	21.84
1.4	QPSK	3	3	21.69	21.61	21.70
1.4	QPSK	6	0	21.62	21.66	21.73
1.4	16QAM	1	0	22.02	21.96	22.03
1.4	16QAM	1	3	21.88	21.86	21.92
1.4	16QAM	1	5	21.72	21.82	21.83
1.4	16QAM	3	0	20.98	20.98	21.02
1.4	16QAM	3	1	20.87	20.97	20.98
1.4	16QAM	3	3	20.75	20.85	20.87
1.4	16QAM	6	0	20.75	20.71	20.81
1.4	64QAM	1	0	21.79	21.82	21.88
1.4	64QAM	1	3	21.73	21.66	21.74
1.4	64QAM	1	5	21.53	21.60	21.65
1.4	64QAM	3	0	20.72	20.76	20.84
1.4	64QAM	3	1	20.73	20.76	20.80
1.4	64QAM	3	3	20.66	20.67	20.71
1.4	64QAM	6	0	20.54	20.55	20.65



LTE Band 41 (Power Class 2)						
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	23.15	23.40	23.39
20	QPSK	1	49	23.06	23.22	23.03
20	QPSK	1	99	22.93	23.05	22.91
20	QPSK	50	0	22.40	22.61	22.43
20	QPSK	50	24	22.33	22.53	22.37
20	QPSK	50	50	22.14	22.49	22.29
20	QPSK	100	0	22.26	22.41	22.23
20	16QAM	1	0	22.23	22.37	22.09
20	16QAM	1	49	22.15	22.32	22.03
20	16QAM	1	99	22.07	22.23	21.99
20	16QAM	50	0	21.37	21.62	21.34
20	16QAM	50	24	21.29	21.49	21.25
20	16QAM	50	50	21.14	21.40	21.17
20	16QAM	100	0	21.17	21.28	21.14
20	64QAM	1	0	22.07	22.23	22.14
20	64QAM	1	49	22.00	22.14	21.99
20	64QAM	1	99	21.92	22.06	21.90
20	64QAM	50	0	21.30	21.45	21.23
20	64QAM	50	24	21.21	21.34	21.14
20	64QAM	50	50	21.09	21.25	21.20
20	64QAM	100	0	21.06	21.13	21.12



LTE Band 41 (Power Class 2)						
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	23.09	23.33	23.05
15	QPSK	1	37	23.00	23.16	22.97
15	QPSK	1	74	22.87	22.99	22.85
15	QPSK	36	0	22.31	22.52	22.34
15	QPSK	36	20	22.24	22.44	22.28
15	QPSK	36	39	22.05	22.40	22.20
15	QPSK	75	0	22.17	22.32	22.14
15	16QAM	1	0	22.20	22.34	22.06
15	16QAM	1	37	22.12	22.29	22.00
15	16QAM	1	74	22.04	22.20	21.96
15	16QAM	36	0	21.28	21.53	21.25
15	16QAM	36	20	21.20	21.40	21.16
15	16QAM	36	39	21.05	21.31	21.08
15	16QAM	75	0	21.08	21.19	21.05
15	64QAM	1	0	22.05	22.21	22.12
15	64QAM	1	37	21.98	22.12	21.97
15	64QAM	1	74	21.90	22.04	21.88
15	64QAM	36	0	21.28	21.43	21.21
15	64QAM	36	20	21.19	21.32	21.12
15	64QAM	36	39	21.07	21.23	21.18
15	64QAM	75	0	21.04	21.11	21.10



LTE Band 41 (Power Class 2)						
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	23.00	23.25	22.96
10	QPSK	1	25	22.91	23.10	22.88
10	QPSK	1	49	22.78	22.90	22.76
10	QPSK	25	0	22.25	22.46	22.28
10	QPSK	25	12	22.18	22.38	22.22
10	QPSK	25	25	21.99	22.34	22.14
10	QPSK	50	0	22.11	22.26	22.08
10	16QAM	1	0	22.05	22.19	21.91
10	16QAM	1	25	21.97	22.14	21.85
10	16QAM	1	49	21.89	22.05	21.81
10	16QAM	25	0	21.17	21.42	21.14
10	16QAM	25	12	21.09	21.29	21.05
10	16QAM	25	25	20.94	21.20	20.97
10	16QAM	50	0	20.97	21.08	20.94
10	64QAM	1	0	21.95	22.11	22.02
10	64QAM	1	25	21.88	22.02	21.87
10	64QAM	1	49	21.80	21.94	21.78
10	64QAM	25	0	21.18	21.33	21.11
10	64QAM	25	12	21.09	21.22	21.02
10	64QAM	25	25	20.97	21.13	21.08
10	64QAM	50	0	20.94	21.01	21.00



LTE Band 41 (Power Class 2)						
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	23.12	23.35	23.13
5	QPSK	1	12	23.03	23.17	23.05
5	QPSK	1	24	22.90	23.00	22.93
5	QPSK	12	0	22.33	22.52	22.41
5	QPSK	12	7	22.26	22.44	22.35
5	QPSK	12	13	22.07	22.40	22.27
5	QPSK	25	0	22.19	22.32	22.21
5	16QAM	1	0	22.20	22.32	22.11
5	16QAM	1	12	22.12	22.27	22.05
5	16QAM	1	24	22.04	22.18	22.01
5	16QAM	12	0	21.32	21.55	21.34
5	16QAM	12	7	21.24	21.42	21.25
5	16QAM	12	13	21.09	21.33	21.17
5	16QAM	25	0	21.12	21.21	21.14
5	64QAM	1	0	22.04	22.18	22.16
5	64QAM	1	12	21.97	22.09	22.01
5	64QAM	1	24	21.89	22.01	21.92
5	64QAM	12	0	21.27	21.40	21.25
5	64QAM	12	7	21.18	21.29	21.16
5	64QAM	12	13	21.06	21.20	21.22
5	64QAM	25	0	21.03	21.08	21.14



LTE Band 41 (Power Class 3)						
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	20.06	20.29	20.23
20	QPSK	1	49	19.99	20.21	20.12
20	QPSK	1	99	19.91	20.09	20.05
20	QPSK	50	0	19.09	19.27	19.12
20	QPSK	50	24	19.02	19.14	19.00
20	QPSK	50	50	18.95	19.07	18.91
20	QPSK	100	0	18.90	19.08	18.92
20	16QAM	1	0	19.10	19.34	19.46
20	16QAM	1	49	19.01	19.27	19.20
20	16QAM	1	99	18.86	19.04	19.03
20	16QAM	50	0	18.15	18.32	18.40
20	16QAM	50	24	18.03	18.14	18.29
20	16QAM	50	50	17.97	18.08	18.13
20	16QAM	100	0	18.08	18.24	18.05
20	64QAM	1	0	19.00	19.31	18.91
20	64QAM	1	49	18.71	19.00	18.81
20	64QAM	1	99	18.56	18.80	18.65
20	64QAM	50	0	18.23	18.37	18.34
20	64QAM	50	24	18.19	18.28	18.21
20	64QAM	50	50	18.10	18.16	18.26
20	64QAM	100	0	18.12	18.19	18.19



LTE Band 41 (Power Class 3)						
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	19.97	20.20	20.14
15	QPSK	1	37	19.90	20.11	20.03
15	QPSK	1	74	19.82	20.00	19.96
15	QPSK	36	0	19.00	19.18	19.03
15	QPSK	36	20	18.93	19.05	18.91
15	QPSK	36	39	18.86	18.98	18.82
15	QPSK	75	0	18.81	18.99	18.83
15	16QAM	1	0	19.15	19.39	19.51
15	16QAM	1	37	19.06	19.32	19.25
15	16QAM	1	74	18.91	19.09	19.08
15	16QAM	36	0	18.20	18.37	18.45
15	16QAM	36	20	18.08	18.19	18.34
15	16QAM	36	39	18.02	18.13	18.18
15	16QAM	75	0	18.13	18.29	18.10
15	64QAM	1	0	19.05	19.36	18.96
15	64QAM	1	37	18.76	19.05	18.86
15	64QAM	1	74	18.61	18.85	18.70
15	64QAM	36	0	18.20	18.34	18.31
15	64QAM	36	20	18.16	18.25	18.18
15	64QAM	36	39	18.07	18.13	18.23
15	64QAM	75	0	18.09	18.16	18.16





LTE Band 41 (Power Class 3)						
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	19.99	20.22	20.16
10	QPSK	1	25	19.92	20.12	20.05
10	QPSK	1	49	19.84	20.01	19.98
10	QPSK	25	0	19.02	19.20	19.05
10	QPSK	25	12	18.95	19.07	18.93
10	QPSK	25	25	18.88	19.00	18.84
10	QPSK	50	0	18.83	19.01	18.85
10	16QAM	1	0	19.03	19.27	19.39
10	16QAM	1	25	18.94	19.20	19.13
10	16QAM	1	49	18.79	18.97	18.96
10	16QAM	25	0	18.08	18.25	18.33
10	16QAM	25	12	17.96	18.07	18.22
10	16QAM	25	25	17.90	18.01	18.06
10	16QAM	50	0	18.01	18.17	17.98
10	64QAM	1	0	18.93	19.24	18.84
10	64QAM	1	25	18.64	18.93	18.74
10	64QAM	1	49	18.49	18.73	18.58
10	64QAM	25	0	18.16	18.30	18.27
10	64QAM	25	12	18.12	18.21	18.14
10	64QAM	25	25	18.03	18.09	18.19
10	64QAM	50	0	18.05	18.12	18.12



LTE Band 41 (Power Class 3)						
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	19.95	20.17	20.12
5	QPSK	1	12	19.88	20.11	20.01
5	QPSK	1	24	19.80	19.98	19.94
5	QPSK	12	0	18.98	19.16	19.01
5	QPSK	12	7	18.91	19.03	18.89
5	QPSK	12	13	18.84	18.96	18.80
5	QPSK	25	0	18.79	18.97	18.81
5	16QAM	1	0	18.99	19.23	19.35
5	16QAM	1	12	18.90	19.16	19.09
5	16QAM	1	24	18.75	18.93	18.92
5	16QAM	12	0	18.04	18.21	18.29
5	16QAM	12	7	17.92	18.03	18.18
5	16QAM	12	13	17.86	17.97	18.02
5	16QAM	25	0	17.97	18.13	17.94
5	64QAM	1	0	18.89	19.20	18.80
5	64QAM	1	12	18.60	18.89	18.70
5	64QAM	1	24	18.45	18.69	18.54
5	64QAM	12	0	18.12	18.26	18.23
5	64QAM	12	7	18.08	18.17	18.10
5	64QAM	12	13	17.99	18.05	18.15
5	64QAM	25	0	18.01	18.08	18.08



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	23.55	23.62	23.51
20	QPSK	1	49	23.43	23.51	23.44
20	QPSK	1	99	23.35	23.27	23.31
20	QPSK	50	0	22.77	22.86	22.65
20	QPSK	50	24	22.71	22.63	22.60
20	QPSK	50	50	22.62	22.59	22.53
20	QPSK	100	0	22.51	22.47	22.44
20	16QAM	1	0	22.69	22.76	22.59
20	16QAM	1	49	22.60	22.61	22.48
20	16QAM	1	99	22.51	22.49	22.40
20	16QAM	50	0	21.66	21.60	21.49
20	16QAM	50	24	21.58	21.54	21.43
20	16QAM	50	50	21.51	21.48	21.38
20	16QAM	100	0	21.47	21.41	21.37
20	64QAM	1	0	22.54	22.59	22.49
20	64QAM	1	49	22.47	22.50	22.42
20	64QAM	1	99	22.46	22.42	22.37
20	64QAM	50	0	21.48	21.55	21.42
20	64QAM	50	24	21.44	21.50	21.31
20	64QAM	50	50	21.39	21.38	21.26
20	64QAM	100	0	21.45	21.35	21.33



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	23.50	23.53	23.45
15	QPSK	1	37	23.39	23.42	23.38
15	QPSK	1	74	23.30	23.18	23.25
15	QPSK	36	0	22.72	22.77	22.57
15	QPSK	36	20	22.66	22.54	22.54
15	QPSK	36	39	22.57	22.50	22.47
15	QPSK	75	0	22.46	22.38	22.38
15	16QAM	1	0	22.64	22.67	22.53
15	16QAM	1	37	22.55	22.52	22.42
15	16QAM	1	74	22.46	22.40	22.34
15	16QAM	36	0	21.69	21.54	21.52
15	16QAM	36	20	21.61	21.48	21.46
15	16QAM	36	39	21.54	21.42	21.41
15	16QAM	75	0	21.50	21.35	21.40
15	64QAM	1	0	22.59	22.55	22.54
15	64QAM	1	37	22.52	22.46	22.47
15	64QAM	1	74	22.51	22.38	22.42
15	64QAM	36	0	21.53	21.51	21.47
15	64QAM	36	20	21.49	21.46	21.36
15	64QAM	36	39	21.44	21.34	21.31
15	64QAM	75	0	21.50	21.31	21.38



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	23.46	23.52	23.44
10	QPSK	1	25	23.34	23.41	23.37
10	QPSK	1	49	23.26	23.17	23.24
10	QPSK	25	0	22.68	22.76	22.58
10	QPSK	25	12	22.62	22.53	22.53
10	QPSK	25	25	22.53	22.49	22.46
10	QPSK	50	0	22.42	22.37	22.37
10	16QAM	1	0	22.60	22.66	22.52
10	16QAM	1	25	22.51	22.51	22.41
10	16QAM	1	49	22.42	22.39	22.33
10	16QAM	25	0	21.69	21.53	21.52
10	16QAM	25	12	21.61	21.47	21.46
10	16QAM	25	25	21.54	21.41	21.41
10	16QAM	50	0	21.50	21.34	21.40
10	64QAM	1	0	22.57	22.52	22.52
10	64QAM	1	25	22.50	22.43	22.45
10	64QAM	1	49	22.49	22.35	22.40
10	64QAM	25	0	21.51	21.48	21.45
10	64QAM	25	12	21.47	21.43	21.34
10	64QAM	25	25	21.42	21.31	21.29
10	64QAM	50	0	21.48	21.28	21.36



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				131997	132322	132647
Frequency (MHz)				1712.5	1745	1777.5
5	QPSK	1	0	23.49	23.57	23.42
5	QPSK	1	12	23.38	23.47	23.34
5	QPSK	1	24	23.30	23.22	23.22
5	QPSK	12	0	22.72	22.81	22.56
5	QPSK	12	7	22.66	22.58	22.51
5	QPSK	12	13	22.57	22.54	22.44
5	QPSK	25	0	22.46	22.42	22.35
5	16QAM	1	0	22.64	22.71	22.50
5	16QAM	1	12	22.55	22.56	22.39
5	16QAM	1	24	22.46	22.44	22.31
5	16QAM	12	0	21.62	21.56	21.45
5	16QAM	12	7	21.54	21.50	21.39
5	16QAM	12	13	21.47	21.44	21.34
5	16QAM	25	0	21.43	21.37	21.33
5	64QAM	1	0	22.50	22.55	22.45
5	64QAM	1	12	22.43	22.46	22.38
5	64QAM	1	24	22.42	22.38	22.33
5	64QAM	12	0	21.50	21.57	21.44
5	64QAM	12	7	21.46	21.52	21.33
5	64QAM	12	13	21.41	21.40	21.28
5	64QAM	25	0	21.47	21.37	21.35



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	23.51	23.60	23.48
3	QPSK	1	8	23.45	23.49	23.45
3	QPSK	1	14	23.36	23.31	23.36
3	QPSK	8	0	22.80	22.74	22.58
3	QPSK	8	4	22.74	22.58	22.53
3	QPSK	8	7	22.65	22.54	22.46
3	QPSK	15	0	22.54	22.42	22.37
3	16QAM	1	0	22.72	22.71	22.52
3	16QAM	1	8	22.63	22.56	22.41
3	16QAM	1	14	22.54	22.44	22.33
3	16QAM	8	0	21.73	21.67	21.56
3	16QAM	8	4	21.65	21.61	21.50
3	16QAM	8	7	21.58	21.55	21.45
3	16QAM	15	0	21.54	21.48	21.44
3	64QAM	1	0	22.54	22.59	22.49
3	64QAM	1	8	22.47	22.50	22.42
3	64QAM	1	14	22.49	22.45	22.40
3	64QAM	8	0	21.51	21.58	21.45
3	64QAM	8	4	21.47	21.53	21.34
3	64QAM	8	7	21.42	21.41	21.29
3	64QAM	15	0	21.48	21.38	21.36



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				131979	132322	132665
Frequency (MHz)				1710.7	1745	1779.3
1.4	QPSK	1	0	23.48	23.53	23.45
1.4	QPSK	1	3	23.40	23.42	23.49
1.4	QPSK	1	5	23.39	23.18	23.36
1.4	QPSK	3	0	22.71	22.77	22.70
1.4	QPSK	3	1	22.63	22.54	22.65
1.4	QPSK	3	3	22.57	22.50	22.58
1.4	QPSK	6	0	22.44	22.38	22.49
1.4	16QAM	1	0	22.56	22.70	22.58
1.4	16QAM	1	3	22.47	22.55	22.47
1.4	16QAM	1	5	22.38	22.43	22.39
1.4	16QAM	3	0	21.53	21.54	21.48
1.4	16QAM	3	1	21.45	21.48	21.42
1.4	16QAM	3	3	21.38	21.42	21.37
1.4	16QAM	6	0	21.41	21.35	21.31
1.4	64QAM	1	0	22.56	22.61	22.51
1.4	64QAM	1	3	22.49	22.52	22.44
1.4	64QAM	1	5	22.46	22.44	22.39
1.4	64QAM	3	0	21.50	21.57	21.44
1.4	64QAM	3	1	21.46	21.51	21.33
1.4	64QAM	3	3	21.40	21.44	21.31
1.4	64QAM	6	0	21.44	21.37	21.35





LTE Band 71						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				133222	133322	133372
Frequency (MHz)				673	683	688
20	QPSK	1	0	23.71	23.81	23.69
20	QPSK	1	49	23.60	23.52	23.56
20	QPSK	1	99	23.55	23.61	23.48
20	QPSK	50	0	22.71	22.78	22.59
20	QPSK	50	24	22.60	22.69	22.52
20	QPSK	50	50	22.53	22.51	22.46
20	QPSK	100	0	22.47	22.55	22.41
20	16QAM	1	0	22.72	22.70	22.58
20	16QAM	1	49	22.63	22.56	22.50
20	16QAM	1	99	22.50	22.47	22.42
20	16QAM	50	0	21.85	21.88	21.69
20	16QAM	50	24	21.72	21.68	21.50
20	16QAM	50	50	21.61	21.57	21.53
20	16QAM	100	0	21.46	21.50	21.51
20	64QAM	1	0	22.53	22.57	22.48
20	64QAM	1	49	22.43	22.49	22.44
20	64QAM	1	99	22.36	22.41	22.35
20	64QAM	50	0	21.52	21.62	21.47
20	64QAM	50	24	21.48	21.54	21.43
20	64QAM	50	50	21.40	21.46	21.38
20	64QAM	100	0	21.44	21.39	21.42



LTE Band 71						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				133197	133297	133397
Frequency (MHz)				670.5	680.5	690.5
15	QPSK	1	0	23.68	23.69	23.69
15	QPSK	1	37	23.57	23.40	23.56
15	QPSK	1	74	23.52	23.49	23.48
15	QPSK	36	0	22.68	22.66	22.59
15	QPSK	36	20	22.57	22.57	22.52
15	QPSK	36	39	22.50	22.39	22.46
15	QPSK	75	0	22.44	22.43	22.41
15	16QAM	1	0	22.64	22.50	22.50
15	16QAM	1	37	22.55	22.36	22.42
15	16QAM	1	74	22.42	22.27	22.34
15	16QAM	36	0	21.80	21.76	21.72
15	16QAM	36	20	21.67	21.56	21.53
15	16QAM	36	39	21.56	21.45	21.56
15	16QAM	75	0	21.41	21.38	21.54
15	64QAM	1	0	22.48	22.45	22.51
15	64QAM	1	37	22.38	22.37	22.47
15	64QAM	1	74	22.31	22.29	22.38
15	64QAM	36	0	21.47	21.50	21.50
15	64QAM	36	20	21.43	21.42	21.46
15	64QAM	36	39	21.35	21.34	21.41
15	64QAM	75	0	21.40	21.26	21.45



LTE Band 71						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				133172	133272	133422
Frequency (MHz)				668	678	693
10	QPSK	1	0	23.66	23.71	23.63
10	QPSK	1	25	23.55	23.42	23.50
10	QPSK	1	49	23.47	23.51	23.42
10	QPSK	25	0	22.66	22.68	22.53
10	QPSK	25	12	22.55	22.59	22.46
10	QPSK	25	25	22.48	22.41	22.40
10	QPSK	50	0	22.42	22.45	22.35
10	16QAM	1	0	22.67	22.60	22.52
10	16QAM	1	25	22.58	22.46	22.44
10	16QAM	1	49	22.45	22.37	22.36
10	16QAM	25	0	21.81	21.78	21.63
10	16QAM	25	12	21.67	21.58	21.44
10	16QAM	25	25	21.56	21.47	21.47
10	16QAM	50	0	21.41	21.40	21.45
10	64QAM	1	0	22.55	22.51	22.46
10	64QAM	1	25	22.38	22.39	22.38
10	64QAM	1	49	22.31	22.31	22.29
10	64QAM	25	0	21.47	21.52	21.41
10	64QAM	25	12	21.43	21.44	21.37
10	64QAM	25	25	21.35	21.36	21.32
10	64QAM	50	0	21.39	21.29	21.36



LTE Band 71						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				133147	133247	133447
Frequency (MHz)				665.5	675.5	695.5
5	QPSK	1	0	23.65	23.76	23.57
5	QPSK	1	12	23.54	23.47	23.44
5	QPSK	1	24	23.49	23.56	23.36
5	QPSK	12	0	22.65	22.73	22.47
5	QPSK	12	7	22.54	22.64	22.40
5	QPSK	12	13	22.47	22.46	22.34
5	QPSK	25	0	22.41	22.50	22.29
5	16QAM	1	0	22.66	22.65	22.46
5	16QAM	1	12	22.57	22.51	22.38
5	16QAM	1	24	22.44	22.42	22.30
5	16QAM	12	0	21.76	21.80	21.54
5	16QAM	12	7	21.63	21.60	21.35
5	16QAM	12	13	21.52	21.49	21.38
5	16QAM	25	0	21.37	21.42	21.36
5	64QAM	1	0	22.59	22.63	22.54
5	64QAM	1	12	22.49	22.55	22.50
5	64QAM	1	24	22.42	22.47	22.41
5	64QAM	12	0	21.58	21.68	21.53
5	64QAM	12	7	21.54	21.60	21.49
5	64QAM	12	13	21.46	21.52	21.44
5	64QAM	25	0	21.50	21.45	21.48



**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	24.75	0.299	24.81	0.303	24.73	0.297
20	QPSK	1	49	24.62	0.290	24.72	0.296	24.64	0.291
20	QPSK	1	99	24.37	0.274	24.33	0.271	24.35	0.272
20	QPSK	50	0	23.83	0.242	23.97	0.249	23.93	0.247
20	QPSK	50	24	23.95	0.248	23.99	0.251	23.96	0.249
20	QPSK	50	50	23.85	0.243	23.88	0.244	23.80	0.240
20	QPSK	100	0	23.91	0.246	23.86	0.243	23.85	0.243
20	16QAM	1	0	23.92	0.247	24.09	0.256	23.94	0.248
20	16QAM	1	49	23.87	0.244	23.99	0.251	23.88	0.244
20	16QAM	1	99	23.72	0.236	23.67	0.233	23.70	0.234
20	16QAM	50	0	22.89	0.195	23.09	0.204	22.96	0.198
20	16QAM	50	24	22.80	0.191	22.96	0.198	22.84	0.192
20	16QAM	50	50	22.76	0.189	22.84	0.192	22.78	0.190
20	16QAM	100	0	22.67	0.185	22.81	0.191	22.72	0.187
20	64QAM	1	0	23.91	0.246	23.95	0.248	23.89	0.245
20	64QAM	1	49	23.87	0.244	23.91	0.246	23.84	0.242
20	64QAM	1	99	23.52	0.225	23.60	0.229	23.58	0.228
20	64QAM	50	0	22.81	0.191	22.96	0.198	22.80	0.191
20	64QAM	50	24	22.77	0.189	22.98	0.199	22.76	0.189
20	64QAM	50	50	22.70	0.186	22.79	0.190	22.74	0.188
20	64QAM	100	0	22.74	0.188	22.83	0.192	22.78	0.190



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	24.69	0.294	24.75	0.299	24.68	0.294
15	QPSK	1	37	24.62	0.290	24.72	0.296	24.64	0.291
15	QPSK	1	74	24.37	0.274	24.33	0.271	24.35	0.272
15	QPSK	36	0	23.83	0.242	23.97	0.249	23.93	0.247
15	QPSK	36	20	23.95	0.248	23.99	0.251	23.96	0.249
15	QPSK	36	39	23.85	0.243	23.88	0.244	23.80	0.240
15	QPSK	75	0	23.91	0.246	23.86	0.243	23.85	0.243
15	16QAM	1	0	23.90	0.245	24.02	0.252	23.92	0.247
15	16QAM	1	37	23.85	0.243	23.88	0.244	23.86	0.243
15	16QAM	1	74	23.70	0.234	23.65	0.232	23.68	0.233
15	16QAM	36	0	22.87	0.194	23.00	0.200	22.94	0.197
15	16QAM	36	20	22.78	0.190	22.94	0.197	22.82	0.191
15	16QAM	36	39	22.74	0.188	22.82	0.191	22.76	0.189
15	16QAM	75	0	22.65	0.184	22.79	0.190	22.70	0.186
15	64QAM	1	0	23.88	0.244	23.94	0.248	23.86	0.243
15	64QAM	1	37	23.84	0.242	23.88	0.244	23.81	0.240
15	64QAM	1	74	23.49	0.223	23.57	0.228	23.55	0.226
15	64QAM	36	0	22.78	0.190	22.93	0.196	22.77	0.189
15	64QAM	36	20	22.74	0.188	22.94	0.197	22.73	0.187
15	64QAM	36	39	22.67	0.185	22.76	0.189	22.71	0.187
15	64QAM	75	0	22.71	0.187	22.80	0.191	22.75	0.188



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	24.62	0.290	24.68	0.294	24.65	0.292
10	QPSK	1	25	24.58	0.287	24.66	0.292	24.60	0.288
10	QPSK	1	49	24.33	0.271	24.30	0.269	24.35	0.272
10	QPSK	25	0	23.79	0.239	23.94	0.248	23.93	0.247
10	QPSK	25	12	23.91	0.246	23.96	0.249	23.96	0.249
10	QPSK	25	25	23.81	0.240	23.85	0.243	23.80	0.240
10	QPSK	50	0	23.87	0.244	23.83	0.242	23.85	0.243
10	16QAM	1	0	23.89	0.245	24.07	0.255	23.95	0.248
10	16QAM	1	25	23.84	0.242	23.97	0.249	23.89	0.245
10	16QAM	1	49	23.69	0.234	23.65	0.232	23.71	0.235
10	16QAM	25	0	22.86	0.193	23.07	0.203	22.97	0.198
10	16QAM	25	12	22.77	0.189	22.94	0.197	22.85	0.193
10	16QAM	25	25	22.73	0.187	22.82	0.191	22.79	0.190
10	16QAM	50	0	22.64	0.184	22.79	0.190	22.73	0.187
10	64QAM	1	0	23.88	0.244	23.92	0.247	23.90	0.245
10	64QAM	1	25	23.84	0.242	23.87	0.244	23.85	0.243
10	64QAM	1	49	23.49	0.223	23.58	0.228	23.59	0.229
10	64QAM	25	0	22.78	0.190	22.94	0.197	22.81	0.191
10	64QAM	25	12	22.74	0.188	22.96	0.198	22.77	0.189
10	64QAM	25	25	22.67	0.185	22.77	0.189	22.75	0.188
10	64QAM	50	0	22.71	0.187	22.81	0.191	22.79	0.190



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	24.71	0.296	24.76	0.299	24.72	0.296
5	QPSK	1	12	24.65	0.292	24.70	0.295	24.60	0.288
5	QPSK	1	24	24.39	0.275	24.36	0.273	24.35	0.272
5	QPSK	12	0	23.82	0.241	23.93	0.247	23.92	0.247
5	QPSK	12	7	23.94	0.248	23.98	0.250	23.95	0.248
5	QPSK	12	13	23.84	0.242	23.87	0.244	23.79	0.239
5	QPSK	25	0	23.90	0.245	23.85	0.243	23.84	0.242
5	16QAM	1	0	23.87	0.244	24.04	0.254	23.89	0.245
5	16QAM	1	12	23.82	0.241	23.94	0.248	23.83	0.242
5	16QAM	1	24	23.67	0.233	23.62	0.230	23.65	0.232
5	16QAM	12	0	22.85	0.193	23.01	0.200	22.93	0.196
5	16QAM	12	7	22.76	0.189	22.88	0.194	22.81	0.191
5	16QAM	12	13	22.72	0.187	22.76	0.189	22.75	0.188
5	16QAM	25	0	22.63	0.183	22.73	0.187	22.69	0.186
5	64QAM	1	0	23.90	0.245	23.90	0.245	23.89	0.245
5	64QAM	1	12	23.86	0.243	23.88	0.244	23.84	0.242
5	64QAM	1	24	23.51	0.224	23.55	0.226	23.58	0.228
5	64QAM	12	0	22.80	0.191	22.91	0.195	22.80	0.191
5	64QAM	12	7	22.76	0.189	22.93	0.196	22.76	0.189
5	64QAM	12	13	22.69	0.186	22.74	0.188	22.74	0.188
5	64QAM	25	0	22.73	0.187	22.78	0.190	22.78	0.190





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	24.65	0.292	24.73	0.297	24.68	0.294
3	QPSK	1	8	24.59	0.288	24.71	0.296	24.66	0.292
3	QPSK	1	14	24.40	0.275	24.47	0.280	24.38	0.274
3	QPSK	8	0	23.88	0.244	23.99	0.251	23.93	0.247
3	QPSK	8	4	23.90	0.245	23.95	0.248	23.92	0.247
3	QPSK	8	7	23.84	0.242	23.88	0.244	23.80	0.240
3	QPSK	15	0	23.91	0.246	23.86	0.243	23.85	0.243
3	16QAM	1	0	23.90	0.245	24.07	0.255	23.92	0.247
3	16QAM	1	8	23.85	0.243	23.97	0.249	23.86	0.243
3	16QAM	1	14	23.70	0.234	23.65	0.232	23.68	0.233
3	16QAM	8	0	22.87	0.194	23.00	0.200	22.94	0.197
3	16QAM	8	4	22.78	0.190	22.92	0.196	22.82	0.191
3	16QAM	8	7	22.74	0.188	22.80	0.191	22.76	0.189
3	16QAM	15	0	22.65	0.184	22.79	0.190	22.70	0.186
3	64QAM	1	0	23.91	0.246	23.95	0.248	23.88	0.244
3	64QAM	1	8	23.80	0.240	23.91	0.246	23.84	0.242
3	64QAM	1	14	23.52	0.225	23.60	0.229	23.58	0.228
3	64QAM	8	0	22.81	0.191	22.96	0.198	22.80	0.191
3	64QAM	8	4	22.76	0.189	22.90	0.195	22.75	0.188
3	64QAM	8	7	22.71	0.187	22.78	0.190	22.74	0.188
3	64QAM	15	0	22.75	0.188	22.84	0.192	22.80	0.191



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	24.50	0.282	24.65	0.292	24.53	0.284
1.4	QPSK	1	3	24.65	0.292	24.69	0.294	24.67	0.293
1.4	QPSK	1	5	24.46	0.279	24.44	0.278	24.40	0.275
1.4	QPSK	3	0	24.00	0.251	24.01	0.252	23.96	0.249
1.4	QPSK	3	1	23.93	0.247	23.95	0.248	23.92	0.247
1.4	QPSK	3	3	23.86	0.243	23.89	0.245	23.82	0.241
1.4	QPSK	6	0	23.89	0.245	23.88	0.244	23.87	0.244
1.4	16QAM	1	0	23.92	0.247	24.00	0.251	23.94	0.248
1.4	16QAM	1	3	23.87	0.244	23.95	0.248	23.88	0.244
1.4	16QAM	1	5	23.71	0.235	23.74	0.237	23.68	0.233
1.4	16QAM	3	0	22.85	0.193	23.00	0.200	22.90	0.195
1.4	16QAM	3	1	22.78	0.190	22.94	0.197	22.76	0.189
1.4	16QAM	3	3	22.77	0.189	22.82	0.191	22.74	0.188
1.4	16QAM	6	0	22.72	0.187	22.79	0.190	22.78	0.190
1.4	64QAM	1	0	23.87	0.244	23.92	0.247	23.89	0.245
1.4	64QAM	1	3	23.84	0.242	24.00	0.251	23.85	0.243
1.4	64QAM	1	5	23.70	0.234	23.76	0.238	23.62	0.230
1.4	64QAM	3	0	22.84	0.192	22.97	0.198	22.83	0.192
1.4	64QAM	3	1	22.78	0.190	22.92	0.196	22.84	0.192
1.4	64QAM	3	3	22.82	0.191	22.82	0.191	22.76	0.189
1.4	64QAM	6	0	22.73	0.187	22.80	0.191	22.75	0.188



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	24.52	0.283	24.62	0.290	24.44	0.278
20	QPSK	1	49	24.28	0.268	24.31	0.270	24.22	0.264
20	QPSK	1	99	24.23	0.265	24.35	0.272	24.25	0.266
20	QPSK	50	0	23.42	0.220	23.58	0.228	23.39	0.218
20	QPSK	50	24	23.51	0.224	23.47	0.222	23.35	0.216
20	QPSK	50	50	23.45	0.221	23.50	0.224	23.43	0.220
20	QPSK	100	0	23.54	0.226	23.57	0.228	23.45	0.221
20	16QAM	1	0	23.58	0.228	23.62	0.230	23.51	0.224
20	16QAM	1	49	23.56	0.227	23.55	0.226	23.46	0.222
20	16QAM	1	99	23.51	0.224	23.48	0.223	23.42	0.220
20	16QAM	50	0	22.63	0.183	22.60	0.182	22.57	0.181
20	16QAM	50	24	22.54	0.179	22.55	0.180	22.48	0.177
20	16QAM	50	50	22.45	0.176	22.51	0.178	22.40	0.174
20	16QAM	100	0	22.46	0.176	22.50	0.178	22.42	0.175
20	64QAM	1	0	23.54	0.226	23.58	0.228	23.49	0.223
20	64QAM	1	49	23.50	0.224	23.54	0.226	23.45	0.221
20	64QAM	1	99	23.44	0.221	23.49	0.223	23.38	0.218
20	64QAM	50	0	22.57	0.181	22.54	0.179	22.52	0.179
20	64QAM	50	24	22.49	0.177	22.52	0.179	22.44	0.175
20	64QAM	50	50	22.39	0.173	22.45	0.176	22.37	0.173
20	64QAM	100	0	22.46	0.176	22.42	0.175	22.39	0.173



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	24.49	0.281	24.58	0.287	24.48	0.281
15	QPSK	1	37	24.25	0.266	24.29	0.269	24.26	0.267
15	QPSK	1	74	24.51	0.282	24.33	0.271	24.29	0.269
15	QPSK	36	0	23.39	0.218	23.56	0.227	23.43	0.220
15	QPSK	36	20	23.48	0.223	23.45	0.221	23.39	0.218
15	QPSK	36	39	23.42	0.220	23.48	0.223	23.47	0.222
15	QPSK	75	0	23.51	0.224	23.55	0.226	23.49	0.223
15	16QAM	1	0	23.57	0.228	23.62	0.230	23.57	0.228
15	16QAM	1	37	23.55	0.226	23.55	0.226	23.52	0.225
15	16QAM	1	74	23.50	0.224	23.48	0.223	23.48	0.223
15	16QAM	36	0	22.62	0.183	22.60	0.182	22.63	0.183
15	16QAM	36	20	22.53	0.179	22.55	0.180	22.54	0.179
15	16QAM	36	39	22.44	0.175	22.51	0.178	22.46	0.176
15	16QAM	75	0	22.45	0.176	22.50	0.178	22.48	0.177
15	64QAM	1	0	23.61	0.230	23.65	0.232	23.56	0.227
15	64QAM	1	37	23.57	0.228	23.61	0.230	23.52	0.225
15	64QAM	1	74	23.51	0.224	23.56	0.227	23.45	0.221
15	64QAM	36	0	22.64	0.184	22.61	0.182	22.59	0.182
15	64QAM	36	20	22.56	0.180	22.59	0.182	22.51	0.178
15	64QAM	36	39	22.46	0.176	22.52	0.179	22.44	0.175
15	64QAM	75	0	22.53	0.179	22.49	0.177	22.46	0.176



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	24.47	0.280	24.52	0.283	24.43	0.277
10	QPSK	1	25	24.23	0.265	24.28	0.268	24.21	0.264
10	QPSK	1	49	24.18	0.262	24.32	0.270	24.24	0.265
10	QPSK	25	0	23.37	0.217	23.55	0.226	23.38	0.218
10	QPSK	25	12	23.46	0.222	23.44	0.221	23.34	0.216
10	QPSK	25	25	23.40	0.219	23.47	0.222	23.42	0.220
10	QPSK	50	0	23.49	0.223	23.54	0.226	23.44	0.221
10	16QAM	1	0	23.58	0.228	23.62	0.230	23.50	0.224
10	16QAM	1	25	23.56	0.227	23.55	0.226	23.45	0.221
10	16QAM	1	49	23.51	0.224	23.48	0.223	23.41	0.219
10	16QAM	25	0	22.58	0.181	22.55	0.180	22.52	0.179
10	16QAM	25	12	22.49	0.177	22.50	0.178	22.43	0.175
10	16QAM	25	25	22.40	0.174	22.46	0.176	22.35	0.172
10	16QAM	50	0	22.41	0.174	22.45	0.176	22.37	0.173
10	64QAM	1	0	23.59	0.229	23.63	0.231	23.54	0.226
10	64QAM	1	25	23.55	0.226	23.59	0.229	23.50	0.224
10	64QAM	1	49	23.49	0.223	23.54	0.226	23.43	0.220
10	64QAM	25	0	22.64	0.184	22.61	0.182	22.59	0.182
10	64QAM	25	12	22.56	0.180	22.59	0.182	22.51	0.178
10	64QAM	25	25	22.46	0.176	22.52	0.179	22.44	0.175
10	64QAM	50	0	22.53	0.179	22.49	0.177	22.46	0.176



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	24.45	0.279	24.56	0.286	24.39	0.275
5	QPSK	1	12	24.21	0.264	24.23	0.265	24.17	0.261
5	QPSK	1	24	24.16	0.261	24.26	0.267	24.20	0.263
5	QPSK	12	0	23.35	0.216	23.48	0.223	23.34	0.216
5	QPSK	12	7	23.44	0.221	23.37	0.217	23.30	0.214
5	QPSK	12	13	23.38	0.218	23.40	0.219	23.38	0.218
5	QPSK	25	0	23.47	0.222	23.47	0.222	23.40	0.219
5	16QAM	1	0	23.65	0.232	23.69	0.234	23.58	0.228
5	16QAM	1	12	23.63	0.231	23.62	0.230	23.53	0.225
5	16QAM	1	24	23.58	0.228	23.55	0.226	23.49	0.223
5	16QAM	12	0	22.70	0.186	22.67	0.185	22.64	0.184
5	16QAM	12	7	22.61	0.182	22.62	0.183	22.55	0.180
5	16QAM	12	13	22.52	0.179	22.58	0.181	22.47	0.177
5	16QAM	25	0	22.53	0.179	22.57	0.181	22.49	0.177
5	64QAM	1	0	23.59	0.229	23.63	0.231	23.54	0.226
5	64QAM	1	12	23.55	0.226	23.59	0.229	23.50	0.224
5	64QAM	1	24	23.49	0.223	23.54	0.226	23.43	0.220
5	64QAM	12	0	22.62	0.183	22.59	0.182	22.57	0.181
5	64QAM	12	7	22.54	0.179	22.57	0.181	22.49	0.177
5	64QAM	12	13	22.44	0.175	22.50	0.178	22.42	0.175
5	64QAM	25	0	22.51	0.178	22.47	0.177	22.44	0.175



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	24.46	0.279	24.54	0.284	24.41	0.276
3	QPSK	1	8	24.22	0.264	24.23	0.265	24.19	0.262
3	QPSK	1	14	24.17	0.261	24.24	0.265	24.22	0.264
3	QPSK	8	0	23.38	0.218	23.58	0.228	23.42	0.220
3	QPSK	8	4	23.47	0.222	23.47	0.222	23.38	0.218
3	QPSK	8	7	23.41	0.219	23.50	0.224	23.46	0.222
3	QPSK	15	0	23.50	0.224	23.57	0.228	23.48	0.223
3	16QAM	1	0	23.60	0.229	23.62	0.230	23.57	0.228
3	16QAM	1	8	23.58	0.228	23.55	0.226	23.52	0.225
3	16QAM	1	14	23.53	0.225	23.48	0.223	23.48	0.223
3	16QAM	8	0	22.65	0.184	22.58	0.181	22.55	0.180
3	16QAM	8	4	22.56	0.180	22.53	0.179	22.46	0.176
3	16QAM	8	7	22.47	0.177	22.49	0.177	22.38	0.173
3	16QAM	15	0	22.48	0.177	22.48	0.177	22.40	0.174
3	64QAM	1	0	23.56	0.227	23.56	0.227	23.47	0.222
3	64QAM	1	8	23.52	0.225	23.52	0.225	23.43	0.220
3	64QAM	1	14	23.46	0.222	23.47	0.222	23.36	0.217
3	64QAM	8	0	22.59	0.182	22.52	0.179	22.50	0.178
3	64QAM	8	4	22.51	0.178	22.50	0.178	22.42	0.175
3	64QAM	8	7	22.41	0.174	22.43	0.175	22.35	0.172
3	64QAM	15	0	22.48	0.177	22.40	0.174	22.37	0.173



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	24.44	0.278	24.50	0.282	24.44	0.278
1.4	QPSK	1	3	24.21	0.264	24.22	0.264	24.16	0.261
1.4	QPSK	1	5	24.15	0.260	24.29	0.269	24.25	0.266
1.4	QPSK	3	0	23.34	0.216	23.52	0.225	23.39	0.218
1.4	QPSK	3	1	23.43	0.220	23.41	0.219	23.35	0.216
1.4	QPSK	3	3	23.37	0.217	23.44	0.221	23.43	0.220
1.4	QPSK	6	0	23.46	0.222	23.59	0.229	23.45	0.221
1.4	16QAM	1	0	23.50	0.224	23.64	0.231	23.54	0.226
1.4	16QAM	1	3	23.48	0.223	23.57	0.228	23.49	0.223
1.4	16QAM	1	5	23.43	0.220	23.50	0.224	23.45	0.221
1.4	16QAM	3	0	22.55	0.180	22.62	0.183	22.60	0.182
1.4	16QAM	3	1	22.46	0.176	22.57	0.181	22.51	0.178
1.4	16QAM	3	3	22.37	0.173	22.53	0.179	22.43	0.175
1.4	16QAM	6	0	22.38	0.173	22.52	0.179	22.45	0.176
1.4	64QAM	1	0	23.56	0.227	23.61	0.230	23.52	0.225
1.4	64QAM	1	3	23.53	0.225	23.57	0.228	23.48	0.223
1.4	64QAM	1	5	23.47	0.222	23.52	0.225	23.41	0.219
1.4	64QAM	3	0	22.60	0.182	22.57	0.181	22.55	0.180
1.4	64QAM	3	1	22.52	0.179	22.55	0.180	22.47	0.177
1.4	64QAM	3	3	22.42	0.175	22.48	0.177	22.40	0.174
1.4	64QAM	6	0	22.49	0.177	22.45	0.176	22.42	0.175





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	17.96	0.063	18.13	0.065	17.98	0.063
10	QPSK	1	25	17.94	0.062	18.05	0.064	17.89	0.062
10	QPSK	1	49	17.99	0.063	18.10	0.065	17.84	0.061
10	QPSK	25	0	17.07	0.051	17.12	0.052	16.94	0.049
10	QPSK	25	12	17.02	0.050	17.09	0.051	16.88	0.049
10	QPSK	25	25	17.08	0.051	17.10	0.051	16.80	0.048
10	QPSK	50	0	17.04	0.051	17.05	0.051	16.87	0.049
10	16QAM	1	0	17.46	0.056	17.56	0.057	17.32	0.054
10	16QAM	1	25	17.38	0.055	17.27	0.053	17.24	0.053
10	16QAM	1	49	17.27	0.053	17.18	0.052	17.16	0.052
10	16QAM	25	0	16.11	0.041	16.03	0.040	15.94	0.039
10	16QAM	25	12	16.09	0.041	16.00	0.040	15.90	0.039
10	16QAM	25	25	16.00	0.040	15.94	0.039	15.84	0.038
10	16QAM	50	0	15.95	0.039	16.04	0.040	15.79	0.038
10	64QAM	1	0	17.12	0.052	17.28	0.053	17.07	0.051
10	64QAM	1	25	17.05	0.051	17.08	0.051	17.00	0.050
10	64QAM	1	49	16.98	0.050	17.18	0.052	16.89	0.049
10	64QAM	25	0	16.18	0.041	16.02	0.040	16.04	0.040
10	64QAM	25	12	16.10	0.041	15.99	0.040	15.97	0.040
10	64QAM	25	25	16.02	0.040	15.90	0.039	15.84	0.038
10	64QAM	50	0	15.97	0.040	16.08	0.041	15.82	0.038



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	18.03	0.064	18.07	0.064	17.95	0.062
5	QPSK	1	12	17.96	0.063	17.90	0.062	17.94	0.062
5	QPSK	1	24	17.99	0.063	17.98	0.063	17.80	0.060
5	QPSK	12	0	17.02	0.050	16.96	0.050	16.92	0.049
5	QPSK	12	7	16.97	0.050	16.96	0.050	16.86	0.049
5	QPSK	12	13	17.03	0.050	16.97	0.050	16.78	0.048
5	QPSK	25	0	16.99	0.050	16.99	0.050	16.85	0.048
5	16QAM	1	0	17.35	0.054	17.37	0.055	17.24	0.053
5	16QAM	1	12	17.27	0.053	17.08	0.051	17.16	0.052
5	16QAM	1	24	17.16	0.052	16.99	0.050	17.08	0.051
5	16QAM	12	0	16.08	0.041	15.92	0.039	15.94	0.039
5	16QAM	12	7	16.06	0.040	15.89	0.039	15.90	0.039
5	16QAM	12	13	15.97	0.040	15.83	0.038	15.84	0.038
5	16QAM	25	0	15.92	0.039	15.93	0.039	15.79	0.038
5	64QAM	1	0	17.03	0.050	17.11	0.051	17.01	0.050
5	64QAM	1	12	16.96	0.050	16.91	0.049	16.94	0.049
5	64QAM	1	24	16.89	0.049	17.01	0.050	16.83	0.048
5	64QAM	12	0	16.13	0.041	15.89	0.039	16.02	0.040
5	64QAM	12	7	16.05	0.040	15.86	0.039	15.95	0.039
5	64QAM	12	13	15.97	0.040	15.77	0.038	15.82	0.038
5	64QAM	25	0	15.92	0.039	15.95	0.039	15.80	0.038



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	17.98	0.063	18.00	0.063	17.91	0.062
3	QPSK	1	8	17.94	0.062	17.86	0.061	17.81	0.060
3	QPSK	1	14	17.98	0.063	17.94	0.062	17.76	0.060
3	QPSK	8	0	16.99	0.050	16.94	0.049	16.86	0.049
3	QPSK	8	4	16.94	0.049	16.98	0.050	16.80	0.048
3	QPSK	8	7	17.00	0.050	16.99	0.050	16.72	0.047
3	QPSK	15	0	16.96	0.050	17.01	0.050	16.79	0.048
3	16QAM	1	0	17.27	0.053	17.37	0.055	17.24	0.053
3	16QAM	1	8	17.19	0.052	17.08	0.051	17.16	0.052
3	16QAM	1	14	17.08	0.051	16.99	0.050	17.08	0.051
3	16QAM	8	0	15.97	0.040	15.89	0.039	15.94	0.039
3	16QAM	8	4	16.14	0.041	16.05	0.040	15.90	0.039
3	16QAM	8	7	16.05	0.040	15.99	0.040	15.84	0.038
3	16QAM	15	0	16.00	0.040	16.09	0.041	15.79	0.038
3	64QAM	1	0	17.15	0.052	17.31	0.054	17.10	0.051
3	64QAM	1	8	17.08	0.051	17.11	0.051	17.03	0.050
3	64QAM	1	14	17.01	0.050	17.21	0.053	16.92	0.049
3	64QAM	8	0	16.21	0.042	16.05	0.040	16.07	0.040
3	64QAM	8	4	16.13	0.041	16.02	0.040	16.00	0.040
3	64QAM	8	7	16.05	0.040	15.93	0.039	15.87	0.039
3	64QAM	15	0	16.00	0.040	16.11	0.041	15.85	0.038



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	18.07	0.064	18.11	0.065	17.90	0.062
1.4	QPSK	1	3	17.99	0.063	17.97	0.063	17.80	0.060
1.4	QPSK	1	5	17.98	0.063	18.00	0.063	17.75	0.060
1.4	QPSK	3	0	17.04	0.051	16.97	0.050	16.85	0.048
1.4	QPSK	3	1	16.99	0.050	17.01	0.050	16.79	0.048
1.4	QPSK	3	3	17.05	0.051	17.02	0.050	16.71	0.047
1.4	QPSK	6	0	17.01	0.050	17.04	0.051	16.78	0.048
1.4	16QAM	1	0	17.36	0.054	17.39	0.055	17.23	0.053
1.4	16QAM	1	3	17.35	0.054	17.19	0.052	17.15	0.052
1.4	16QAM	1	5	17.24	0.053	17.10	0.051	17.07	0.051
1.4	16QAM	3	0	16.11	0.041	15.95	0.039	15.94	0.039
1.4	16QAM	3	1	16.09	0.041	15.92	0.039	15.90	0.039
1.4	16QAM	3	3	16.00	0.040	15.86	0.039	15.84	0.038
1.4	16QAM	6	0	15.95	0.039	16.04	0.040	15.79	0.038
1.4	64QAM	1	0	17.08	0.051	17.20	0.052	17.03	0.050
1.4	64QAM	1	3	17.01	0.050	17.05	0.051	16.96	0.050
1.4	64QAM	1	5	16.94	0.049	17.14	0.052	16.85	0.048
1.4	64QAM	3	0	16.14	0.041	15.98	0.040	16.00	0.040
1.4	64QAM	3	1	16.07	0.040	15.94	0.039	15.93	0.039
1.4	64QAM	3	3	15.98	0.040	15.86	0.039	15.81	0.038
1.4	64QAM	6	0	15.93	0.039	16.00	0.040	15.78	0.038



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	19.02	0.080	19.21	0.083	19.09	0.081
10	QPSK	1	25	19.05	0.080	19.11	0.081	19.00	0.079
10	QPSK	1	49	18.95	0.079	19.03	0.080	18.93	0.078
10	QPSK	25	0	17.83	0.061	17.97	0.063	17.77	0.060
10	QPSK	25	12	17.70	0.059	17.89	0.062	17.68	0.059
10	QPSK	25	25	17.67	0.058	17.81	0.060	17.61	0.058
10	QPSK	50	0	17.61	0.058	17.98	0.063	17.63	0.058
10	16QAM	1	0	18.09	0.064	18.23	0.067	18.05	0.064
10	16QAM	1	25	18.00	0.063	18.11	0.065	17.96	0.063
10	16QAM	1	49	17.88	0.061	18.05	0.064	17.84	0.061
10	16QAM	25	0	16.86	0.049	16.97	0.050	16.79	0.048
10	16QAM	25	12	16.80	0.048	16.88	0.049	16.73	0.047
10	16QAM	25	25	16.71	0.047	16.81	0.048	16.57	0.045
10	16QAM	50	0	16.73	0.047	16.92	0.049	16.61	0.046
10	64QAM	1	0	18.06	0.064	18.19	0.066	17.99	0.063
10	64QAM	1	25	17.95	0.062	18.08	0.064	17.77	0.060
10	64QAM	1	49	17.89	0.062	18.00	0.063	17.83	0.061
10	64QAM	25	0	16.97	0.050	17.04	0.051	16.74	0.047
10	64QAM	25	12	16.85	0.048	16.93	0.049	16.68	0.047
10	64QAM	25	25	16.93	0.049	16.85	0.048	16.62	0.046
10	64QAM	50	0	16.87	0.049	16.92	0.049	16.61	0.046



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	18.88	0.077	19.06	0.081	18.89	0.077
5	QPSK	1	12	18.91	0.078	18.96	0.079	18.80	0.076
5	QPSK	1	24	18.81	0.076	18.88	0.077	18.73	0.075
5	QPSK	12	0	17.69	0.059	17.82	0.061	17.57	0.057
5	QPSK	12	7	17.56	0.057	17.74	0.059	17.48	0.056
5	QPSK	12	13	17.53	0.057	17.66	0.058	17.41	0.055
5	QPSK	25	0	17.47	0.056	17.83	0.061	17.43	0.055
5	16QAM	1	0	17.95	0.062	18.08	0.064	17.85	0.061
5	16QAM	1	12	17.86	0.061	17.96	0.063	17.76	0.060
5	16QAM	1	24	17.74	0.059	17.90	0.062	17.64	0.058
5	16QAM	12	0	16.81	0.048	16.92	0.049	16.74	0.047
5	16QAM	12	7	16.75	0.047	16.83	0.048	16.68	0.047
5	16QAM	12	13	16.66	0.046	16.76	0.047	16.52	0.045
5	16QAM	25	0	16.68	0.047	16.87	0.049	16.56	0.045
5	64QAM	1	0	18.01	0.063	18.14	0.065	17.94	0.062
5	64QAM	1	12	17.90	0.062	18.03	0.064	17.72	0.059
5	64QAM	1	24	17.84	0.061	17.95	0.062	17.78	0.060
5	64QAM	12	0	16.98	0.050	17.05	0.051	16.75	0.047
5	64QAM	12	7	16.86	0.049	16.94	0.049	16.69	0.047
5	64QAM	12	13	16.94	0.049	16.86	0.049	16.63	0.046
5	64QAM	25	0	16.88	0.049	16.93	0.049	16.62	0.046



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	18.89	0.077	19.11	0.081	18.92	0.078
3	QPSK	1	8	18.87	0.077	18.99	0.079	18.83	0.076
3	QPSK	1	14	18.82	0.076	18.93	0.078	18.71	0.074
3	QPSK	8	0	17.70	0.059	17.87	0.061	17.60	0.058
3	QPSK	8	4	17.57	0.057	17.79	0.060	17.51	0.056
3	QPSK	8	7	17.54	0.057	17.71	0.059	17.44	0.055
3	QPSK	15	0	17.48	0.056	17.88	0.061	17.46	0.056
3	16QAM	1	0	17.96	0.063	18.13	0.065	17.88	0.061
3	16QAM	1	8	17.87	0.061	18.01	0.063	17.79	0.060
3	16QAM	1	14	17.75	0.060	17.95	0.062	17.67	0.058
3	16QAM	8	0	16.83	0.048	16.95	0.050	16.71	0.047
3	16QAM	8	4	16.77	0.048	16.85	0.048	16.70	0.047
3	16QAM	8	7	16.68	0.047	16.78	0.048	16.54	0.045
3	16QAM	15	0	16.70	0.047	16.89	0.049	16.58	0.045
3	64QAM	1	0	18.03	0.064	18.07	0.064	17.96	0.063
3	64QAM	1	8	17.92	0.062	18.05	0.064	17.74	0.059
3	64QAM	1	14	17.86	0.061	17.97	0.063	17.80	0.060
3	64QAM	8	0	16.94	0.049	17.00	0.050	16.71	0.047
3	64QAM	8	4	16.82	0.048	16.90	0.049	16.65	0.046
3	64QAM	8	7	16.90	0.049	16.82	0.048	16.59	0.046
3	64QAM	15	0	16.84	0.048	16.89	0.049	16.58	0.045



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	18.94	0.078	19.13	0.082	19.01	0.080
1.4	QPSK	1	3	18.89	0.077	19.00	0.079	18.91	0.078
1.4	QPSK	1	5	18.87	0.077	18.95	0.079	18.85	0.077
1.4	QPSK	3	0	17.75	0.060	17.89	0.062	17.69	0.059
1.4	QPSK	3	1	17.62	0.058	17.81	0.060	17.60	0.058
1.4	QPSK	3	3	17.59	0.057	17.73	0.059	17.53	0.057
1.4	QPSK	6	0	17.53	0.057	17.90	0.062	17.55	0.057
1.4	16QAM	1	0	18.01	0.063	18.15	0.065	17.97	0.063
1.4	16QAM	1	3	17.92	0.062	18.03	0.064	17.88	0.061
1.4	16QAM	1	5	17.80	0.060	17.97	0.063	17.76	0.060
1.4	16QAM	3	0	16.78	0.048	16.89	0.049	16.71	0.047
1.4	16QAM	3	1	16.72	0.047	16.80	0.048	16.65	0.046
1.4	16QAM	3	3	16.63	0.046	16.73	0.047	16.49	0.045
1.4	16QAM	6	0	16.75	0.047	16.95	0.050	16.64	0.046
1.4	64QAM	1	0	18.09	0.064	18.08	0.064	18.01	0.063
1.4	64QAM	1	3	17.98	0.063	18.11	0.065	17.80	0.060
1.4	64QAM	1	5	17.89	0.062	18.01	0.063	17.86	0.061
1.4	64QAM	3	0	17.00	0.050	17.07	0.051	16.77	0.048
1.4	64QAM	3	1	16.88	0.049	16.94	0.049	16.71	0.047
1.4	64QAM	3	3	16.87	0.049	16.88	0.049	16.67	0.046
1.4	64QAM	6	0	16.90	0.049	16.93	0.049	16.64	0.046





LTE Band 25				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26140		26365		26590	
Frequency (MHz)				1860		1882.5		1905	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	24.49	0.281	24.55	0.285	24.48	0.281
20	QPSK	1	49	24.45	0.279	24.52	0.283	24.44	0.278
20	QPSK	1	99	24.29	0.269	24.13	0.259	24.18	0.262
20	QPSK	50	0	23.72	0.236	23.77	0.238	23.71	0.235
20	QPSK	50	24	23.74	0.237	23.71	0.235	23.67	0.233
20	QPSK	50	50	23.66	0.232	23.68	0.233	23.68	0.233
20	QPSK	100	0	23.63	0.231	23.66	0.232	23.59	0.229
20	16QAM	1	0	23.85	0.243	23.89	0.245	23.80	0.240
20	16QAM	1	49	23.80	0.240	23.79	0.239	23.75	0.237
20	16QAM	1	99	23.60	0.229	23.47	0.222	23.52	0.225
20	16QAM	50	0	22.88	0.194	22.89	0.195	22.85	0.193
20	16QAM	50	24	22.77	0.189	22.76	0.189	22.74	0.188
20	16QAM	50	50	22.70	0.186	22.64	0.184	22.67	0.185
20	16QAM	100	0	22.67	0.185	22.61	0.182	22.60	0.182
20	64QAM	1	0	23.78	0.239	23.75	0.237	23.70	0.234
20	64QAM	1	49	23.67	0.233	23.71	0.235	23.62	0.230
20	64QAM	1	99	23.60	0.229	23.46	0.222	23.49	0.223
20	64QAM	50	0	22.77	0.189	22.76	0.189	22.66	0.185
20	64QAM	50	24	22.74	0.188	22.78	0.190	22.60	0.182
20	64QAM	50	50	22.62	0.183	22.59	0.182	22.63	0.183
20	64QAM	100	0	22.60	0.182	22.58	0.181	22.57	0.181



LTE Band 25				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26115		26365		26615	
Frequency (MHz)				1857.5		1882.5		1907.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	24.46	0.279	24.50	0.282	24.42	0.277
15	QPSK	1	37	24.40	0.275	24.48	0.281	24.38	0.274
15	QPSK	1	74	24.20	0.263	24.27	0.267	24.17	0.261
15	QPSK	36	0	24.02	0.252	23.87	0.244	24.00	0.251
15	QPSK	36	20	23.86	0.243	23.76	0.238	23.87	0.244
15	QPSK	36	39	23.73	0.236	23.65	0.232	23.82	0.241
15	QPSK	75	0	23.68	0.233	23.67	0.233	23.66	0.232
15	16QAM	1	0	23.82	0.241	23.84	0.242	23.79	0.239
15	16QAM	1	37	23.74	0.237	23.78	0.239	23.76	0.238
15	16QAM	1	74	23.65	0.232	23.57	0.228	23.66	0.232
15	16QAM	36	0	22.85	0.193	22.88	0.194	22.80	0.191
15	16QAM	36	20	22.76	0.189	22.80	0.191	22.72	0.187
15	16QAM	36	39	22.68	0.185	22.69	0.186	22.67	0.185
15	16QAM	75	0	22.67	0.185	22.65	0.184	22.69	0.186
15	64QAM	1	0	23.82	0.241	23.80	0.240	23.76	0.238
15	64QAM	1	37	23.76	0.238	23.74	0.237	23.70	0.234
15	64QAM	1	74	23.65	0.232	23.60	0.229	23.61	0.230
15	64QAM	36	0	22.82	0.191	22.81	0.191	22.78	0.190
15	64QAM	36	20	22.77	0.189	22.78	0.190	22.74	0.188
15	64QAM	36	39	22.63	0.183	22.59	0.182	22.66	0.185
15	64QAM	75	0	22.60	0.182	22.64	0.184	22.61	0.182



LTE Band 25				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26090		26365		26640	
Frequency (MHz)				1855		1882.5		1910	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	24.40	0.275	24.45	0.279	24.41	0.276
10	QPSK	1	25	24.36	0.273	24.42	0.277	24.37	0.274
10	QPSK	1	49	24.20	0.263	24.03	0.253	24.11	0.258
10	QPSK	25	0	23.99	0.251	23.67	0.233	23.79	0.239
10	QPSK	25	12	23.75	0.237	23.69	0.234	23.70	0.234
10	QPSK	25	25	23.57	0.228	23.58	0.228	23.63	0.231
10	QPSK	50	0	23.54	0.226	23.56	0.227	23.52	0.225
10	16QAM	1	0	23.76	0.238	23.79	0.239	23.74	0.237
10	16QAM	1	25	23.71	0.235	23.69	0.234	23.69	0.234
10	16QAM	1	49	23.51	0.224	23.37	0.217	23.46	0.222
10	16QAM	25	0	22.79	0.190	22.79	0.190	22.79	0.190
10	16QAM	25	12	22.68	0.185	22.66	0.185	22.68	0.185
10	16QAM	25	25	22.61	0.182	22.54	0.179	22.61	0.182
10	16QAM	50	0	22.58	0.181	22.51	0.178	22.54	0.179
10	64QAM	1	0	23.73	0.236	23.70	0.234	23.66	0.232
10	64QAM	1	25	23.62	0.230	23.66	0.232	23.58	0.228
10	64QAM	1	49	23.55	0.226	23.41	0.219	23.45	0.221
10	64QAM	25	0	22.72	0.187	22.71	0.187	22.62	0.183
10	64QAM	25	12	22.69	0.186	22.73	0.187	22.56	0.180
10	64QAM	25	25	22.57	0.181	22.54	0.179	22.59	0.182
10	64QAM	50	0	22.55	0.180	22.53	0.179	22.53	0.179



LTE Band 25				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26065		26365		26665	
Frequency (MHz)				1852.5		1882.5		1912.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	24.44	0.278	24.47	0.280	24.38	0.274
5	QPSK	1	12	24.40	0.275	24.44	0.278	24.34	0.272
5	QPSK	1	24	24.24	0.265	24.05	0.254	24.08	0.256
5	QPSK	12	0	24.03	0.253	23.69	0.234	23.76	0.238
5	QPSK	12	7	23.79	0.239	23.71	0.235	23.67	0.233
5	QPSK	12	13	23.61	0.230	23.60	0.229	23.60	0.229
5	QPSK	25	0	23.58	0.228	23.58	0.228	23.49	0.223
5	16QAM	1	0	23.83	0.242	23.87	0.244	23.78	0.239
5	16QAM	1	12	23.78	0.239	23.77	0.238	23.73	0.236
5	16QAM	1	24	23.58	0.228	23.45	0.221	23.50	0.224
5	16QAM	12	0	22.86	0.193	22.87	0.194	22.83	0.192
5	16QAM	12	7	22.75	0.188	22.74	0.188	22.72	0.187
5	16QAM	12	13	22.68	0.185	22.62	0.183	22.65	0.184
5	16QAM	25	0	22.65	0.184	22.59	0.182	22.58	0.181
5	64QAM	1	0	23.80	0.240	23.77	0.238	23.72	0.236
5	64QAM	1	12	23.69	0.234	23.73	0.236	23.64	0.231
5	64QAM	1	24	23.62	0.230	23.48	0.223	23.51	0.224
5	64QAM	12	0	22.79	0.190	22.78	0.190	22.68	0.185
5	64QAM	12	7	22.76	0.189	22.80	0.191	22.62	0.183
5	64QAM	12	13	22.64	0.184	22.61	0.182	22.65	0.184
5	64QAM	25	0	22.62	0.183	22.60	0.182	22.59	0.182



LTE Band 25				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26055		26365		26675	
Frequency (MHz)				1851.5		1882.5		1913.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	24.47	0.280	24.52	0.283	24.40	0.275
3	QPSK	1	8	24.43	0.277	24.49	0.281	24.36	0.273
3	QPSK	1	14	24.27	0.267	24.10	0.257	24.12	0.258
3	QPSK	8	0	24.06	0.255	23.74	0.237	23.78	0.239
3	QPSK	8	4	23.82	0.241	23.76	0.238	23.70	0.234
3	QPSK	8	7	23.64	0.231	23.65	0.232	23.63	0.231
3	QPSK	15	0	23.61	0.230	23.63	0.231	23.56	0.227
3	16QAM	1	0	23.83	0.242	23.86	0.243	23.72	0.236
3	16QAM	1	8	23.78	0.239	23.76	0.238	23.67	0.233
3	16QAM	1	14	23.58	0.228	23.44	0.221	23.44	0.221
3	16QAM	8	0	22.86	0.193	22.86	0.193	22.77	0.189
3	16QAM	8	4	22.75	0.188	22.73	0.187	22.66	0.185
3	16QAM	8	7	22.68	0.185	22.61	0.182	22.59	0.182
3	16QAM	15	0	22.65	0.184	22.58	0.181	22.52	0.179
3	64QAM	1	0	23.80	0.240	23.76	0.238	23.66	0.232
3	64QAM	1	8	23.69	0.234	23.72	0.236	23.58	0.228
3	64QAM	1	14	23.62	0.230	23.47	0.222	23.45	0.221
3	64QAM	8	0	22.79	0.190	22.77	0.189	22.62	0.183
3	64QAM	8	4	22.76	0.189	22.79	0.190	22.56	0.180
3	64QAM	8	7	22.64	0.184	22.60	0.182	22.59	0.182
3	64QAM	15	0	22.62	0.183	22.59	0.182	22.53	0.179



LTE Band 25				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26047		26365		26683	
Frequency (MHz)				1850.7		1882.5		1914.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	24.37	0.274	24.43	0.277	24.36	0.273
1.4	QPSK	1	3	24.33	0.271	24.40	0.275	24.32	0.270
1.4	QPSK	1	5	24.17	0.261	24.01	0.252	24.06	0.255
1.4	QPSK	3	0	23.96	0.249	23.65	0.232	23.74	0.237
1.4	QPSK	3	1	23.72	0.236	23.67	0.233	23.65	0.232
1.4	QPSK	3	3	23.54	0.226	23.56	0.227	23.58	0.228
1.4	QPSK	6	0	23.51	0.224	23.54	0.226	23.47	0.222
1.4	16QAM	1	0	23.77	0.238	23.81	0.240	23.72	0.236
1.4	16QAM	1	3	23.72	0.236	23.71	0.235	23.67	0.233
1.4	16QAM	1	5	23.52	0.225	23.39	0.218	23.44	0.221
1.4	16QAM	3	0	22.80	0.191	22.81	0.191	22.77	0.189
1.4	16QAM	3	1	22.69	0.186	22.68	0.185	22.66	0.185
1.4	16QAM	3	3	22.62	0.183	22.56	0.180	22.59	0.182
1.4	16QAM	6	0	22.72	0.187	22.66	0.185	22.65	0.184
1.4	64QAM	1	0	23.83	0.242	23.80	0.240	23.75	0.237
1.4	64QAM	1	3	23.72	0.236	23.76	0.238	23.67	0.233
1.4	64QAM	1	5	23.65	0.232	23.51	0.224	23.54	0.226
1.4	64QAM	3	0	22.82	0.191	22.81	0.191	22.71	0.187
1.4	64QAM	3	1	22.79	0.190	22.83	0.192	22.66	0.185
1.4	64QAM	3	3	22.71	0.187	22.72	0.187	22.68	0.185
1.4	64QAM	6	0	22.61	0.182	22.66	0.185	22.62	0.183



LTE Band 26				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	18.30	0.068	18.24	0.067	18.16	0.065
15	QPSK	1	37	18.20	0.066	18.18	0.066	18.12	0.065
15	QPSK	1	74	18.26	0.067	18.25	0.067	18.19	0.066
15	QPSK	36	0	17.38	0.055	17.35	0.054	17.32	0.054
15	QPSK	36	20	17.20	0.052	17.11	0.051	17.21	0.053
15	QPSK	36	39	17.06	0.051	17.01	0.050	17.07	0.051
15	QPSK	75	0	17.16	0.052	17.06	0.051	17.10	0.051
15	16QAM	1	0	17.56	0.057	17.51	0.056	17.40	0.055
15	16QAM	1	37	17.47	0.056	17.46	0.056	17.29	0.054
15	16QAM	1	74	17.34	0.054	17.30	0.054	17.20	0.052
15	16QAM	36	0	16.43	0.044	16.32	0.043	16.39	0.044
15	16QAM	36	20	16.37	0.043	16.30	0.043	16.35	0.043
15	16QAM	36	39	16.22	0.042	16.12	0.041	16.24	0.042
15	16QAM	75	0	16.15	0.041	16.05	0.040	16.17	0.041
15	64QAM	1	0	17.30	0.054	17.21	0.053	17.24	0.053
15	64QAM	1	37	17.19	0.052	17.15	0.052	17.10	0.051
15	64QAM	1	74	17.11	0.051	17.05	0.051	17.01	0.050
15	64QAM	36	0	16.28	0.042	16.22	0.042	16.20	0.042
15	64QAM	36	20	16.19	0.042	16.08	0.041	16.16	0.041
15	64QAM	36	39	16.11	0.041	16.07	0.040	16.07	0.040
15	64QAM	75	0	16.00	0.040	15.98	0.040	16.01	0.040



LTE Band 26				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	18.00	0.063	17.92	0.062	18.04	0.064
10	QPSK	1	25	17.94	0.062	17.89	0.062	18.00	0.063
10	QPSK	1	49	17.96	0.063	18.03	0.064	18.07	0.064
10	QPSK	25	0	17.15	0.052	17.11	0.051	17.20	0.052
10	QPSK	25	12	17.01	0.050	17.00	0.050	17.09	0.051
10	QPSK	25	25	16.90	0.049	16.88	0.049	16.95	0.050
10	QPSK	50	0	16.97	0.050	16.92	0.049	16.98	0.050
10	16QAM	1	0	17.18	0.052	17.14	0.052	17.23	0.053
10	16QAM	1	25	17.02	0.050	17.07	0.051	17.12	0.052
10	16QAM	1	49	17.01	0.050	17.00	0.050	17.03	0.050
10	16QAM	25	0	16.25	0.042	16.20	0.042	16.27	0.042
10	16QAM	25	12	16.21	0.042	16.22	0.042	16.23	0.042
10	16QAM	25	25	16.01	0.040	16.05	0.040	16.12	0.041
10	16QAM	50	0	16.00	0.040	15.95	0.039	16.05	0.040
10	64QAM	1	0	17.08	0.051	17.06	0.051	17.17	0.052
10	64QAM	1	25	16.99	0.050	16.97	0.050	17.03	0.050
10	64QAM	1	49	16.85	0.048	16.89	0.049	16.94	0.049
10	64QAM	25	0	16.08	0.041	16.14	0.041	16.15	0.041
10	64QAM	25	12	16.10	0.041	16.09	0.041	16.11	0.041
10	64QAM	25	25	15.93	0.039	15.91	0.039	16.02	0.040
10	64QAM	50	0	15.91	0.039	15.90	0.039	15.96	0.039





LTE Band 26				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	18.09	0.064	18.02	0.063	18.12	0.065
5	QPSK	1	12	18.03	0.064	17.93	0.062	18.05	0.064
5	QPSK	1	24	18.06	0.064	18.11	0.065	18.12	0.065
5	QPSK	12	0	17.20	0.052	17.17	0.052	17.25	0.053
5	QPSK	12	7	17.08	0.051	17.06	0.051	17.14	0.052
5	QPSK	12	13	16.96	0.050	16.95	0.050	17.00	0.050
5	QPSK	25	0	16.94	0.049	16.97	0.050	17.03	0.050
5	16QAM	1	0	17.34	0.054	17.25	0.053	17.35	0.054
5	16QAM	1	12	17.17	0.052	17.15	0.052	17.24	0.053
5	16QAM	1	24	17.09	0.051	17.05	0.051	17.15	0.052
5	16QAM	12	0	16.38	0.043	16.39	0.044	16.43	0.044
5	16QAM	12	7	16.38	0.043	16.29	0.043	16.39	0.044
5	16QAM	12	13	16.24	0.042	16.26	0.042	16.28	0.042
5	16QAM	25	0	16.19	0.042	16.15	0.041	16.21	0.042
5	64QAM	1	0	17.21	0.053	17.24	0.053	17.27	0.053
5	64QAM	1	12	17.04	0.051	17.10	0.051	17.13	0.052
5	64QAM	1	24	16.99	0.050	16.99	0.050	17.04	0.051
5	64QAM	12	0	16.13	0.041	16.17	0.041	16.23	0.042
5	64QAM	12	7	16.16	0.041	16.12	0.041	16.19	0.042
5	64QAM	12	13	16.06	0.040	15.98	0.040	16.10	0.041
5	64QAM	25	0	15.96	0.039	16.02	0.040	16.04	0.040



LTE Band 26				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	18.01	0.063	18.05	0.064	18.10	0.065
3	QPSK	1	8	17.96	0.063	17.98	0.063	18.03	0.064
3	QPSK	1	14	18.04	0.064	18.00	0.063	18.10	0.065
3	QPSK	8	0	17.11	0.051	17.12	0.052	17.23	0.053
3	QPSK	8	4	17.04	0.051	17.10	0.051	17.12	0.052
3	QPSK	8	7	16.94	0.049	16.88	0.049	16.98	0.050
3	QPSK	15	0	16.89	0.049	16.89	0.049	17.01	0.050
3	16QAM	1	0	17.27	0.053	17.30	0.054	17.34	0.054
3	16QAM	1	8	17.21	0.053	17.20	0.052	17.23	0.053
3	16QAM	1	14	17.13	0.052	17.05	0.051	17.14	0.052
3	16QAM	8	0	16.31	0.043	16.27	0.042	16.33	0.043
3	16QAM	8	4	16.19	0.042	16.25	0.042	16.29	0.043
3	16QAM	8	7	16.12	0.041	16.06	0.040	16.18	0.041
3	16QAM	15	0	16.09	0.041	16.08	0.041	16.11	0.041
3	64QAM	1	0	17.17	0.052	17.20	0.052	17.27	0.053
3	64QAM	1	8	17.11	0.051	17.06	0.051	17.13	0.052
3	64QAM	1	14	16.96	0.050	16.93	0.049	17.04	0.051
3	64QAM	8	0	16.16	0.041	16.20	0.042	16.22	0.042
3	64QAM	8	4	16.13	0.041	16.08	0.041	16.18	0.041
3	64QAM	8	7	16.06	0.040	16.07	0.040	16.09	0.041
3	64QAM	15	0	15.96	0.039	16.02	0.040	16.03	0.040



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	18.17	0.066	18.12	0.065	18.20	0.066
1.4	QPSK	1	3	18.13	0.065	18.12	0.065	18.16	0.065
1.4	QPSK	1	5	18.16	0.065	18.22	0.066	18.23	0.067
1.4	QPSK	3	0	17.26	0.053	17.33	0.054	17.36	0.054
1.4	QPSK	3	1	17.19	0.052	17.21	0.053	17.25	0.053
1.4	QPSK	3	3	17.10	0.051	17.02	0.050	17.11	0.051
1.4	QPSK	6	0	17.03	0.050	17.07	0.051	17.14	0.052
1.4	16QAM	1	0	17.43	0.055	17.37	0.055	17.44	0.055
1.4	16QAM	1	3	17.29	0.054	17.27	0.053	17.33	0.054
1.4	16QAM	1	5	17.13	0.052	17.23	0.053	17.24	0.053
1.4	16QAM	3	0	16.39	0.044	16.39	0.044	16.43	0.044
1.4	16QAM	3	1	16.28	0.042	16.38	0.043	16.39	0.044
1.4	16QAM	3	3	16.16	0.041	16.26	0.042	16.28	0.042
1.4	16QAM	6	0	16.16	0.041	16.12	0.041	16.22	0.042
1.4	64QAM	1	0	17.20	0.052	17.23	0.053	17.29	0.054
1.4	64QAM	1	3	17.14	0.052	17.07	0.051	17.15	0.052
1.4	64QAM	1	5	16.94	0.049	17.01	0.050	17.06	0.051
1.4	64QAM	3	0	16.13	0.041	16.17	0.041	16.25	0.042
1.4	64QAM	3	1	16.14	0.041	16.17	0.041	16.21	0.042
1.4	64QAM	3	3	16.07	0.040	16.08	0.041	16.12	0.041
1.4	64QAM	6	0	15.95	0.039	15.96	0.039	16.06	0.040



LTE Band 41 (Power Class 2)				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	25.05	0.320	25.30	0.339	25.29	0.338
20	QPSK	1	49	24.96	0.313	25.12	0.325	24.93	0.311
20	QPSK	1	99	24.83	0.304	24.95	0.313	24.81	0.303
20	QPSK	50	0	24.30	0.269	24.51	0.282	24.33	0.271
20	QPSK	50	24	24.23	0.265	24.43	0.277	24.27	0.267
20	QPSK	50	50	24.04	0.254	24.39	0.275	24.19	0.262
20	QPSK	100	0	24.16	0.261	24.31	0.270	24.13	0.259
20	16QAM	1	0	24.13	0.259	24.27	0.267	23.99	0.251
20	16QAM	1	49	24.05	0.254	24.22	0.264	23.93	0.247
20	16QAM	1	99	23.97	0.249	24.13	0.259	23.89	0.245
20	16QAM	50	0	23.27	0.212	23.52	0.225	23.24	0.211
20	16QAM	50	24	23.19	0.208	23.39	0.218	23.15	0.207
20	16QAM	50	50	23.04	0.201	23.30	0.214	23.07	0.203
20	16QAM	100	0	23.07	0.203	23.18	0.208	23.04	0.201
20	64QAM	1	0	23.97	0.249	24.13	0.259	24.04	0.254
20	64QAM	1	49	23.90	0.245	24.04	0.254	23.89	0.245
20	64QAM	1	99	23.82	0.241	23.96	0.249	23.80	0.240
20	64QAM	50	0	23.20	0.209	23.35	0.216	23.13	0.206
20	64QAM	50	24	23.11	0.205	23.24	0.211	23.04	0.201
20	64QAM	50	50	22.99	0.199	23.15	0.207	23.10	0.204
20	64QAM	100	0	22.96	0.198	23.03	0.201	23.02	0.200



LTE Band 41 (Power Class 2)				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	24.99	0.316	25.23	0.333	24.95	0.313
15	QPSK	1	37	24.90	0.309	25.06	0.321	24.87	0.307
15	QPSK	1	74	24.77	0.300	24.89	0.308	24.75	0.299
15	QPSK	36	0	24.21	0.264	24.42	0.277	24.24	0.265
15	QPSK	36	20	24.14	0.259	24.34	0.272	24.18	0.262
15	QPSK	36	39	23.95	0.248	24.30	0.269	24.10	0.257
15	QPSK	75	0	24.07	0.255	24.22	0.264	24.04	0.254
15	16QAM	1	0	24.10	0.257	24.24	0.265	23.96	0.249
15	16QAM	1	37	24.02	0.252	24.19	0.262	23.90	0.245
15	16QAM	1	74	23.94	0.248	24.10	0.257	23.86	0.243
15	16QAM	36	0	23.18	0.208	23.43	0.220	23.15	0.207
15	16QAM	36	20	23.10	0.204	23.30	0.214	23.06	0.202
15	16QAM	36	39	22.95	0.197	23.21	0.209	22.98	0.199
15	16QAM	75	0	22.98	0.199	23.09	0.204	22.95	0.197
15	64QAM	1	0	23.95	0.248	24.11	0.258	24.02	0.252
15	64QAM	1	37	23.88	0.244	24.02	0.252	23.87	0.244
15	64QAM	1	74	23.80	0.240	23.94	0.248	23.78	0.239
15	64QAM	36	0	23.18	0.208	23.33	0.215	23.11	0.205
15	64QAM	36	20	23.09	0.204	23.22	0.210	23.02	0.200
15	64QAM	36	39	22.97	0.198	23.13	0.206	23.08	0.203
15	64QAM	75	0	22.94	0.197	23.01	0.200	23.00	0.200



LTE Band 41 (Power Class 2)				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	24.90	0.309	25.15	0.327	24.86	0.306
10	QPSK	1	25	24.81	0.303	25.00	0.316	24.78	0.301
10	QPSK	1	49	24.68	0.294	24.80	0.302	24.66	0.292
10	QPSK	25	0	24.15	0.260	24.36	0.273	24.18	0.262
10	QPSK	25	12	24.08	0.256	24.28	0.268	24.12	0.258
10	QPSK	25	25	23.89	0.245	24.24	0.265	24.04	0.254
10	QPSK	50	0	24.01	0.252	24.16	0.261	23.98	0.250
10	16QAM	1	0	23.95	0.248	24.09	0.256	23.81	0.240
10	16QAM	1	25	23.87	0.244	24.04	0.254	23.75	0.237
10	16QAM	1	49	23.79	0.239	23.95	0.248	23.71	0.235
10	16QAM	25	0	23.07	0.203	23.32	0.215	23.04	0.201
10	16QAM	25	12	22.99	0.199	23.19	0.208	22.95	0.197
10	16QAM	25	25	22.84	0.192	23.10	0.204	22.87	0.194
10	16QAM	50	0	22.87	0.194	22.98	0.199	22.84	0.192
10	64QAM	1	0	23.85	0.243	24.01	0.252	23.92	0.247
10	64QAM	1	25	23.78	0.239	23.92	0.247	23.77	0.238
10	64QAM	1	49	23.70	0.234	23.84	0.242	23.68	0.233
10	64QAM	25	0	23.08	0.203	23.23	0.210	23.01	0.200
10	64QAM	25	12	22.99	0.199	23.12	0.205	22.92	0.196
10	64QAM	25	25	22.87	0.194	23.03	0.201	22.98	0.199
10	64QAM	50	0	22.84	0.192	22.91	0.195	22.90	0.195



LTE Band 41 (Power Class 2)				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	25.02	0.318	25.25	0.335	25.03	0.318
5	QPSK	1	12	24.93	0.311	25.07	0.321	24.95	0.313
5	QPSK	1	24	24.80	0.302	24.90	0.309	24.83	0.304
5	QPSK	12	0	24.23	0.265	24.42	0.277	24.31	0.270
5	QPSK	12	7	24.16	0.261	24.34	0.272	24.25	0.266
5	QPSK	12	13	23.97	0.249	24.30	0.269	24.17	0.261
5	QPSK	25	0	24.09	0.256	24.22	0.264	24.11	0.258
5	16QAM	1	0	24.10	0.257	24.22	0.264	24.01	0.252
5	16QAM	1	12	24.02	0.252	24.17	0.261	23.95	0.248
5	16QAM	1	24	23.94	0.248	24.08	0.256	23.91	0.246
5	16QAM	12	0	23.22	0.210	23.45	0.221	23.24	0.211
5	16QAM	12	7	23.14	0.206	23.32	0.215	23.15	0.207
5	16QAM	12	13	22.99	0.199	23.23	0.210	23.07	0.203
5	16QAM	25	0	23.02	0.200	23.11	0.205	23.04	0.201
5	64QAM	1	0	23.94	0.248	24.08	0.256	24.06	0.255
5	64QAM	1	12	23.87	0.244	23.99	0.251	23.91	0.246
5	64QAM	1	24	23.79	0.239	23.91	0.246	23.82	0.241
5	64QAM	12	0	23.17	0.207	23.30	0.214	23.15	0.207
5	64QAM	12	7	23.08	0.203	23.19	0.208	23.06	0.202
5	64QAM	12	13	22.96	0.198	23.10	0.204	23.12	0.205
5	64QAM	25	0	22.93	0.196	22.98	0.199	23.04	0.201



LTE Band 41 (Power Class 3)				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	21.96	0.157	22.19	0.166	22.13	0.163
20	QPSK	1	49	21.89	0.155	22.11	0.163	22.02	0.159
20	QPSK	1	99	21.81	0.152	21.99	0.158	21.95	0.157
20	QPSK	50	0	20.99	0.126	21.17	0.131	21.02	0.126
20	QPSK	50	24	20.92	0.124	21.04	0.127	20.90	0.123
20	QPSK	50	50	20.85	0.122	20.97	0.125	20.81	0.121
20	QPSK	100	0	20.80	0.120	20.98	0.125	20.82	0.121
20	16QAM	1	0	21.00	0.126	21.24	0.133	21.36	0.137
20	16QAM	1	49	20.91	0.123	21.17	0.131	21.10	0.129
20	16QAM	1	99	20.76	0.119	20.94	0.124	20.93	0.124
20	16QAM	50	0	20.05	0.101	20.22	0.105	20.30	0.107
20	16QAM	50	24	19.93	0.098	20.04	0.101	20.19	0.104
20	16QAM	50	50	19.87	0.097	19.98	0.100	20.03	0.101
20	16QAM	100	0	19.98	0.100	20.14	0.103	19.95	0.099
20	64QAM	1	0	20.90	0.123	21.21	0.132	20.81	0.121
20	64QAM	1	49	20.61	0.115	20.90	0.123	20.71	0.118
20	64QAM	1	99	20.46	0.111	20.70	0.117	20.55	0.114
20	64QAM	50	0	20.13	0.103	20.27	0.106	20.24	0.106
20	64QAM	50	24	20.09	0.102	20.18	0.104	20.11	0.103
20	64QAM	50	50	20.00	0.100	20.06	0.101	20.16	0.104
20	64QAM	100	0	20.02	0.100	20.09	0.102	20.09	0.102





LTE Band 41 (Power Class 3)				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	21.87	0.154	22.10	0.162	22.04	0.160
15	QPSK	1	37	21.80	0.151	22.01	0.159	21.93	0.156
15	QPSK	1	74	21.72	0.149	21.90	0.155	21.86	0.153
15	QPSK	36	0	20.90	0.123	21.08	0.128	20.93	0.124
15	QPSK	36	20	20.83	0.121	20.95	0.124	20.81	0.121
15	QPSK	36	39	20.76	0.119	20.88	0.122	20.72	0.118
15	QPSK	75	0	20.71	0.118	20.89	0.123	20.73	0.118
15	16QAM	1	0	21.05	0.127	21.29	0.135	21.41	0.138
15	16QAM	1	37	20.96	0.125	21.22	0.132	21.15	0.130
15	16QAM	1	74	20.81	0.121	20.99	0.126	20.98	0.125
15	16QAM	36	0	20.10	0.102	20.27	0.106	20.35	0.108
15	16QAM	36	20	19.98	0.100	20.09	0.102	20.24	0.106
15	16QAM	36	39	19.92	0.098	20.03	0.101	20.08	0.102
15	16QAM	75	0	20.03	0.101	20.19	0.104	20.00	0.100
15	64QAM	1	0	20.95	0.124	21.26	0.134	20.86	0.122
15	64QAM	1	37	20.66	0.116	20.95	0.124	20.76	0.119
15	64QAM	1	74	20.51	0.112	20.75	0.119	20.60	0.115
15	64QAM	36	0	20.10	0.102	20.24	0.106	20.21	0.105
15	64QAM	36	20	20.06	0.101	20.15	0.104	20.08	0.102
15	64QAM	36	39	19.97	0.099	20.03	0.101	20.13	0.103
15	64QAM	75	0	19.99	0.100	20.06	0.101	20.06	0.101



LTE Band 41 (Power Class 3)				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	21.89	0.155	22.12	0.163	22.06	0.161
10	QPSK	1	25	21.82	0.152	22.02	0.159	21.95	0.157
10	QPSK	1	49	21.74	0.149	21.91	0.155	21.88	0.154
10	QPSK	25	0	20.92	0.124	21.10	0.129	20.95	0.124
10	QPSK	25	12	20.85	0.122	20.97	0.125	20.83	0.121
10	QPSK	25	25	20.78	0.120	20.90	0.123	20.74	0.119
10	QPSK	50	0	20.73	0.118	20.91	0.123	20.75	0.119
10	16QAM	1	0	20.93	0.124	21.17	0.131	21.29	0.135
10	16QAM	1	25	20.84	0.121	21.10	0.129	21.03	0.127
10	16QAM	1	49	20.69	0.117	20.87	0.122	20.86	0.122
10	16QAM	25	0	19.98	0.100	20.15	0.104	20.23	0.105
10	16QAM	25	12	19.86	0.097	19.97	0.099	20.12	0.103
10	16QAM	25	25	19.80	0.095	19.91	0.098	19.96	0.099
10	16QAM	50	0	19.91	0.098	20.07	0.102	19.88	0.097
10	64QAM	1	0	20.83	0.121	21.14	0.130	20.74	0.119
10	64QAM	1	25	20.54	0.113	20.83	0.121	20.64	0.116
10	64QAM	1	49	20.39	0.109	20.63	0.116	20.48	0.112
10	64QAM	25	0	20.06	0.101	20.20	0.105	20.17	0.104
10	64QAM	25	12	20.02	0.100	20.11	0.103	20.04	0.101
10	64QAM	25	25	19.93	0.098	19.99	0.100	20.09	0.102
10	64QAM	50	0	19.95	0.099	20.02	0.100	20.02	0.100



LTE Band 41 (Power Class 3)				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	21.85	0.153	22.07	0.161	22.02	0.159
5	QPSK	1	12	21.78	0.151	22.01	0.159	21.91	0.155
5	QPSK	1	24	21.70	0.148	21.88	0.154	21.84	0.153
5	QPSK	12	0	20.88	0.122	21.06	0.128	20.91	0.123
5	QPSK	12	7	20.81	0.121	20.93	0.124	20.79	0.120
5	QPSK	12	13	20.74	0.119	20.86	0.122	20.70	0.117
5	QPSK	25	0	20.69	0.117	20.87	0.122	20.71	0.118
5	16QAM	1	0	20.89	0.123	21.13	0.130	21.25	0.133
5	16QAM	1	12	20.80	0.120	21.06	0.128	20.99	0.126
5	16QAM	1	24	20.65	0.116	20.83	0.121	20.82	0.121
5	16QAM	12	0	19.94	0.099	20.11	0.103	20.19	0.104
5	16QAM	12	7	19.82	0.096	19.93	0.098	20.08	0.102
5	16QAM	12	13	19.76	0.095	19.87	0.097	19.92	0.098
5	16QAM	25	0	19.87	0.097	20.03	0.101	19.84	0.096
5	64QAM	1	0	20.79	0.120	21.10	0.129	20.70	0.117
5	64QAM	1	12	20.50	0.112	20.79	0.120	20.60	0.115
5	64QAM	1	24	20.35	0.108	20.59	0.115	20.44	0.111
5	64QAM	12	0	20.02	0.100	20.16	0.104	20.13	0.103
5	64QAM	12	7	19.98	0.100	20.07	0.102	20.00	0.100
5	64QAM	12	13	19.89	0.097	19.95	0.099	20.05	0.101
5	64QAM	25	0	19.91	0.098	19.98	0.100	19.98	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				132072		132322		132572	
Frequency (MHz)				1720		1745		1770	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	24.37	0.274	24.44	0.278	24.33	0.271
20	QPSK	1	49	24.25	0.266	24.33	0.271	24.26	0.267
20	QPSK	1	99	24.17	0.261	24.09	0.256	24.13	0.259
20	QPSK	50	0	23.59	0.229	23.68	0.233	23.47	0.222
20	QPSK	50	24	23.53	0.225	23.45	0.221	23.42	0.220
20	QPSK	50	50	23.44	0.221	23.41	0.219	23.35	0.216
20	QPSK	100	0	23.33	0.215	23.29	0.213	23.26	0.212
20	16QAM	1	0	23.51	0.224	23.58	0.228	23.41	0.219
20	16QAM	1	49	23.42	0.220	23.43	0.220	23.30	0.214
20	16QAM	1	99	23.33	0.215	23.31	0.214	23.22	0.210
20	16QAM	50	0	22.48	0.177	22.42	0.175	22.31	0.170
20	16QAM	50	24	22.40	0.174	22.36	0.172	22.25	0.168
20	16QAM	50	50	22.33	0.171	22.30	0.170	22.20	0.166
20	16QAM	100	0	22.29	0.169	22.23	0.167	22.19	0.166
20	64QAM	1	0	23.36	0.217	23.41	0.219	23.31	0.214
20	64QAM	1	49	23.29	0.213	23.32	0.215	23.24	0.211
20	64QAM	1	99	23.28	0.213	23.24	0.211	23.19	0.208
20	64QAM	50	0	22.30	0.170	22.37	0.173	22.24	0.167
20	64QAM	50	24	22.26	0.168	22.32	0.171	22.13	0.163
20	64QAM	50	50	22.21	0.166	22.20	0.166	22.08	0.161
20	64QAM	100	0	22.27	0.169	22.17	0.165	22.15	0.164



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	24.32	0.270	24.35	0.272	24.27	0.267
15	QPSK	1	37	24.21	0.264	24.24	0.265	24.20	0.263
15	QPSK	1	74	24.12	0.258	24.00	0.251	24.07	0.255
15	QPSK	36	0	23.54	0.226	23.59	0.229	23.39	0.218
15	QPSK	36	20	23.48	0.223	23.36	0.217	23.36	0.217
15	QPSK	36	39	23.39	0.218	23.32	0.215	23.29	0.213
15	QPSK	75	0	23.28	0.213	23.20	0.209	23.20	0.209
15	16QAM	1	0	23.46	0.222	23.49	0.223	23.35	0.216
15	16QAM	1	37	23.37	0.217	23.34	0.216	23.24	0.211
15	16QAM	1	74	23.28	0.213	23.22	0.210	23.16	0.207
15	16QAM	36	0	22.51	0.178	22.36	0.172	22.34	0.171
15	16QAM	36	20	22.43	0.175	22.30	0.170	22.28	0.169
15	16QAM	36	39	22.36	0.172	22.24	0.167	22.23	0.167
15	16QAM	75	0	22.32	0.171	22.17	0.165	22.22	0.167
15	64QAM	1	0	23.41	0.219	23.37	0.217	23.36	0.217
15	64QAM	1	37	23.34	0.216	23.28	0.213	23.29	0.213
15	64QAM	1	74	23.33	0.215	23.20	0.209	23.24	0.211
15	64QAM	36	0	22.35	0.172	22.33	0.171	22.29	0.169
15	64QAM	36	20	22.31	0.170	22.28	0.169	22.18	0.165
15	64QAM	36	39	22.26	0.168	22.16	0.164	22.13	0.163
15	64QAM	75	0	22.32	0.171	22.13	0.163	22.20	0.166



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	24.28	0.268	24.34	0.272	24.26	0.267
10	QPSK	1	25	24.16	0.261	24.23	0.265	24.19	0.262
10	QPSK	1	49	24.08	0.256	23.99	0.251	24.06	0.255
10	QPSK	25	0	23.50	0.224	23.58	0.228	23.40	0.219
10	QPSK	25	12	23.44	0.221	23.35	0.216	23.35	0.216
10	QPSK	25	25	23.35	0.216	23.31	0.214	23.28	0.213
10	QPSK	50	0	23.24	0.211	23.19	0.208	23.19	0.208
10	16QAM	1	0	23.42	0.220	23.48	0.223	23.34	0.216
10	16QAM	1	25	23.33	0.215	23.33	0.215	23.23	0.210
10	16QAM	1	49	23.24	0.211	23.21	0.209	23.15	0.207
10	16QAM	25	0	22.51	0.178	22.35	0.172	22.34	0.171
10	16QAM	25	12	22.43	0.175	22.29	0.169	22.28	0.169
10	16QAM	25	25	22.36	0.172	22.23	0.167	22.23	0.167
10	16QAM	50	0	22.32	0.171	22.16	0.164	22.22	0.167
10	64QAM	1	0	23.39	0.218	23.34	0.216	23.34	0.216
10	64QAM	1	25	23.32	0.215	23.25	0.211	23.27	0.212
10	64QAM	1	49	23.31	0.214	23.17	0.207	23.22	0.210
10	64QAM	25	0	22.33	0.171	22.30	0.170	22.27	0.169
10	64QAM	25	12	22.29	0.169	22.25	0.168	22.16	0.164
10	64QAM	25	25	22.24	0.167	22.13	0.163	22.11	0.163
10	64QAM	50	0	22.30	0.170	22.10	0.162	22.18	0.165



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	24.31	0.270	24.39	0.275	24.24	0.265
5	QPSK	1	12	24.20	0.263	24.29	0.269	24.16	0.261
5	QPSK	1	24	24.12	0.258	24.04	0.254	24.04	0.254
5	QPSK	12	0	23.54	0.226	23.63	0.231	23.38	0.218
5	QPSK	12	7	23.48	0.223	23.40	0.219	23.33	0.215
5	QPSK	12	13	23.39	0.218	23.36	0.217	23.26	0.212
5	QPSK	25	0	23.28	0.213	23.24	0.211	23.17	0.207
5	16QAM	1	0	23.46	0.222	23.53	0.225	23.32	0.215
5	16QAM	1	12	23.37	0.217	23.38	0.218	23.21	0.209
5	16QAM	1	24	23.28	0.213	23.26	0.212	23.13	0.206
5	16QAM	12	0	22.44	0.175	22.38	0.173	22.27	0.169
5	16QAM	12	7	22.36	0.172	22.32	0.171	22.21	0.166
5	16QAM	12	13	22.29	0.169	22.26	0.168	22.16	0.164
5	16QAM	25	0	22.25	0.168	22.19	0.166	22.15	0.164
5	64QAM	1	0	23.32	0.215	23.37	0.217	23.27	0.212
5	64QAM	1	12	23.25	0.211	23.28	0.213	23.20	0.209
5	64QAM	1	24	23.24	0.211	23.20	0.209	23.15	0.207
5	64QAM	12	0	22.32	0.171	22.39	0.173	22.26	0.168
5	64QAM	12	7	22.28	0.169	22.34	0.171	22.15	0.164
5	64QAM	12	13	22.23	0.167	22.22	0.167	22.10	0.162
5	64QAM	25	0	22.29	0.169	22.19	0.166	22.17	0.165



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	24.33	0.271	24.42	0.277	24.30	0.269
3	QPSK	1	8	24.27	0.267	24.31	0.270	24.27	0.267
3	QPSK	1	14	24.18	0.262	24.13	0.259	24.18	0.262
3	QPSK	8	0	23.62	0.230	23.56	0.227	23.40	0.219
3	QPSK	8	4	23.56	0.227	23.40	0.219	23.35	0.216
3	QPSK	8	7	23.47	0.222	23.36	0.217	23.28	0.213
3	QPSK	15	0	23.36	0.217	23.24	0.211	23.19	0.208
3	16QAM	1	0	23.54	0.226	23.53	0.225	23.34	0.216
3	16QAM	1	8	23.45	0.221	23.38	0.218	23.23	0.210
3	16QAM	1	14	23.36	0.217	23.26	0.212	23.15	0.207
3	16QAM	8	0	22.55	0.180	22.49	0.177	22.38	0.173
3	16QAM	8	4	22.47	0.177	22.43	0.175	22.32	0.171
3	16QAM	8	7	22.40	0.174	22.37	0.173	22.27	0.169
3	16QAM	15	0	22.36	0.172	22.30	0.170	22.26	0.168
3	64QAM	1	0	23.36	0.217	23.41	0.219	23.31	0.214
3	64QAM	1	8	23.29	0.213	23.32	0.215	23.24	0.211
3	64QAM	1	14	23.31	0.214	23.27	0.212	23.22	0.210
3	64QAM	8	0	22.33	0.171	22.40	0.174	22.27	0.169
3	64QAM	8	4	22.29	0.169	22.35	0.172	22.16	0.164
3	64QAM	8	7	22.24	0.167	22.23	0.167	22.11	0.163
3	64QAM	15	0	22.30	0.170	22.20	0.166	22.18	0.165





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	W	dBm	W	dBm	W
1.4	QPSK	1	0	24.30	0.269	24.35	0.272	24.27	0.267
1.4	QPSK	1	3	24.22	0.264	24.24	0.265	24.31	0.270
1.4	QPSK	1	5	24.21	0.264	24.00	0.251	24.18	0.262
1.4	QPSK	3	0	23.53	0.225	23.59	0.229	23.52	0.225
1.4	QPSK	3	1	23.45	0.221	23.36	0.217	23.47	0.222
1.4	QPSK	3	3	23.39	0.218	23.32	0.215	23.40	0.219
1.4	QPSK	6	0	23.26	0.212	23.20	0.209	23.31	0.214
1.4	16QAM	1	0	23.38	0.218	23.52	0.225	23.40	0.219
1.4	16QAM	1	3	23.29	0.213	23.37	0.217	23.29	0.213
1.4	16QAM	1	5	23.20	0.209	23.25	0.211	23.21	0.209
1.4	16QAM	3	0	22.35	0.172	22.36	0.172	22.30	0.170
1.4	16QAM	3	1	22.27	0.169	22.30	0.170	22.24	0.167
1.4	16QAM	3	3	22.20	0.166	22.24	0.167	22.19	0.166
1.4	16QAM	6	0	22.23	0.167	22.17	0.165	22.13	0.163
1.4	64QAM	1	0	23.38	0.218	23.43	0.220	23.33	0.215
1.4	64QAM	1	3	23.31	0.214	23.34	0.216	23.26	0.212
1.4	64QAM	1	5	23.28	0.213	23.26	0.212	23.21	0.209
1.4	64QAM	3	0	22.32	0.171	22.39	0.173	22.26	0.168
1.4	64QAM	3	1	22.28	0.169	22.33	0.171	22.15	0.164
1.4	64QAM	3	3	22.22	0.167	22.26	0.168	22.13	0.163
1.4	64QAM	6	0	22.26	0.168	22.19	0.166	22.17	0.165



LTE Band 71				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				133222		133322		133372	
Frequency (MHz)				673		683		688	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	18.84	0.077	18.94	0.078	18.82	0.076
20	QPSK	1	49	18.73	0.075	18.65	0.073	18.69	0.074
20	QPSK	1	99	18.68	0.074	18.74	0.075	18.61	0.073
20	QPSK	50	0	17.84	0.061	17.91	0.062	17.72	0.059
20	QPSK	50	24	17.73	0.059	17.82	0.061	17.65	0.058
20	QPSK	50	50	17.66	0.058	17.64	0.058	17.59	0.057
20	QPSK	100	0	17.60	0.058	17.68	0.059	17.54	0.057
20	16QAM	1	0	17.85	0.061	17.83	0.061	17.71	0.059
20	16QAM	1	49	17.76	0.060	17.69	0.059	17.63	0.058
20	16QAM	1	99	17.63	0.058	17.60	0.058	17.55	0.057
20	16QAM	50	0	16.98	0.050	17.01	0.050	16.82	0.048
20	16QAM	50	24	16.85	0.048	16.81	0.048	16.63	0.046
20	16QAM	50	50	16.74	0.047	16.70	0.047	16.66	0.046
20	16QAM	100	0	16.59	0.046	16.63	0.046	16.64	0.046
20	64QAM	1	0	17.66	0.058	17.70	0.059	17.61	0.058
20	64QAM	1	49	17.56	0.057	17.62	0.058	17.57	0.057
20	64QAM	1	99	17.49	0.056	17.54	0.057	17.48	0.056
20	64QAM	50	0	16.65	0.046	16.75	0.047	16.60	0.046
20	64QAM	50	24	16.61	0.046	16.67	0.046	16.56	0.045
20	64QAM	50	50	16.53	0.045	16.59	0.046	16.51	0.045
20	64QAM	100	0	16.57	0.045	16.52	0.045	16.55	0.045



LTE Band 71				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				133197		133297		133397	
Frequency (MHz)				670.5		680.5		690.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	18.81	0.076	18.82	0.076	18.82	0.076
15	QPSK	1	37	18.70	0.074	18.53	0.071	18.69	0.074
15	QPSK	1	74	18.65	0.073	18.62	0.073	18.61	0.073
15	QPSK	36	0	17.81	0.060	17.79	0.060	17.72	0.059
15	QPSK	36	20	17.70	0.059	17.70	0.059	17.65	0.058
15	QPSK	36	39	17.63	0.058	17.52	0.056	17.59	0.057
15	QPSK	75	0	17.57	0.057	17.56	0.057	17.54	0.057
15	16QAM	1	0	17.77	0.060	17.63	0.058	17.63	0.058
15	16QAM	1	37	17.68	0.059	17.49	0.056	17.55	0.057
15	16QAM	1	74	17.55	0.057	17.40	0.055	17.47	0.056
15	16QAM	36	0	16.93	0.049	16.89	0.049	16.85	0.048
15	16QAM	36	20	16.80	0.048	16.69	0.047	16.66	0.046
15	16QAM	36	39	16.69	0.047	16.58	0.045	16.69	0.047
15	16QAM	75	0	16.54	0.045	16.51	0.045	16.67	0.046
15	64QAM	1	0	17.61	0.058	17.58	0.057	17.64	0.058
15	64QAM	1	37	17.51	0.056	17.50	0.056	17.60	0.058
15	64QAM	1	74	17.44	0.055	17.42	0.055	17.51	0.056
15	64QAM	36	0	16.60	0.046	16.63	0.046	16.63	0.046
15	64QAM	36	20	16.56	0.045	16.55	0.045	16.59	0.046
15	64QAM	36	39	16.48	0.044	16.47	0.044	16.54	0.045
15	64QAM	75	0	16.53	0.045	16.39	0.044	16.58	0.045



LTE Band 71				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				133172		133297		133422	
Frequency (MHz)				668		680.5		693	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	18.79	0.076	18.84	0.077	18.76	0.075
10	QPSK	1	25	18.68	0.074	18.55	0.072	18.63	0.073
10	QPSK	1	49	18.60	0.072	18.64	0.073	18.55	0.072
10	QPSK	25	0	17.79	0.060	17.81	0.060	17.66	0.058
10	QPSK	25	12	17.68	0.059	17.72	0.059	17.59	0.057
10	QPSK	25	25	17.61	0.058	17.54	0.057	17.53	0.057
10	QPSK	50	0	17.55	0.057	17.58	0.057	17.48	0.056
10	16QAM	1	0	17.80	0.060	17.73	0.059	17.65	0.058
10	16QAM	1	25	17.71	0.059	17.59	0.057	17.57	0.057
10	16QAM	1	49	17.58	0.057	17.50	0.056	17.49	0.056
10	16QAM	25	0	16.94	0.049	16.91	0.049	16.76	0.047
10	16QAM	25	12	16.80	0.048	16.71	0.047	16.57	0.045
10	16QAM	25	25	16.69	0.047	16.60	0.046	16.60	0.046
10	16QAM	50	0	16.54	0.045	16.53	0.045	16.58	0.045
10	64QAM	1	0	17.68	0.059	17.64	0.058	17.59	0.057
10	64QAM	1	25	17.51	0.056	17.52	0.056	17.51	0.056
10	64QAM	1	49	17.44	0.055	17.44	0.055	17.42	0.055
10	64QAM	25	0	16.60	0.046	16.65	0.046	16.54	0.045
10	64QAM	25	12	16.56	0.045	16.57	0.045	16.50	0.045
10	64QAM	25	25	16.48	0.044	16.49	0.045	16.45	0.044
10	64QAM	50	0	16.52	0.045	16.42	0.044	16.49	0.045



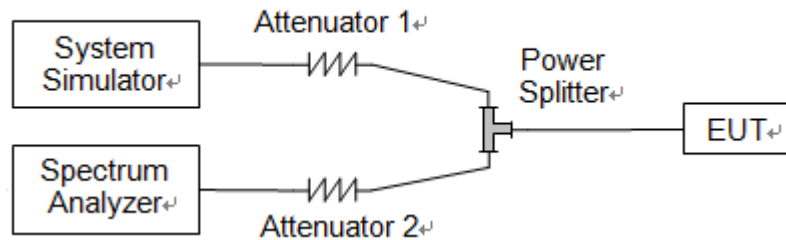
LTE Band 71				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				133147		133297		133447	
Frequency (MHz)				665.5		680.5		695.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	18.78	0.076	18.89	0.077	18.70	0.074
5	QPSK	1	12	18.67	0.074	18.60	0.072	18.57	0.072
5	QPSK	1	24	18.62	0.073	18.69	0.074	18.49	0.071
5	QPSK	12	0	17.78	0.060	17.86	0.061	17.60	0.058
5	QPSK	12	7	17.67	0.058	17.77	0.060	17.53	0.057
5	QPSK	12	13	17.60	0.058	17.59	0.057	17.47	0.056
5	QPSK	25	0	17.54	0.057	17.63	0.058	17.42	0.055
5	16QAM	1	0	17.79	0.060	17.78	0.060	17.59	0.057
5	16QAM	1	12	17.70	0.059	17.64	0.058	17.51	0.056
5	16QAM	1	24	17.57	0.057	17.55	0.057	17.43	0.055
5	16QAM	12	0	16.89	0.049	16.93	0.049	16.67	0.046
5	16QAM	12	7	16.76	0.047	16.73	0.047	16.48	0.044
5	16QAM	12	13	16.65	0.046	16.62	0.046	16.51	0.045
5	16QAM	25	0	16.50	0.045	16.55	0.045	16.49	0.045
5	64QAM	1	0	17.72	0.059	17.76	0.060	17.67	0.058
5	64QAM	1	12	17.62	0.058	17.68	0.059	17.63	0.058
5	64QAM	1	24	17.55	0.057	17.60	0.058	17.54	0.057
5	64QAM	12	0	16.71	0.047	16.81	0.048	16.66	0.046
5	64QAM	12	7	16.67	0.046	16.73	0.047	16.62	0.046
5	64QAM	12	13	16.59	0.046	16.65	0.046	16.57	0.045
5	64QAM	25	0	16.63	0.046	16.58	0.045	16.61	0.046

## 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	1.28
	Low	16QAM	1.10	1.29
	Low	64QAM	1.10	1.23
	Mid	QPSK	1.10	1.27
	Mid	16QAM	1.10	1.30
	Mid	64QAM	1.10	1.31
	High	QPSK	1.10	1.28
	High	16QAM	1.10	1.31
	High	64QAM	1.10	1.30
3	Low	QPSK	2.70	2.99
	Low	16QAM	2.71	2.99
	Low	64QAM	2.71	2.98
	Mid	QPSK	2.70	3.00
	Mid	16QAM	2.70	2.99
	Mid	64QAM	2.70	2.97
	High	QPSK	2.70	3.00
	High	16QAM	2.70	2.99
	High	64QAM	2.70	2.98
5	Low	QPSK	4.51	5.02
	Low	16QAM	4.51	4.95
	Low	64QAM	4.51	4.97
	Mid	QPSK	4.51	5.02
	Mid	16QAM	4.50	4.98
	Mid	64QAM	4.52	5.02
	High	QPSK	4.47	4.86
	High	16QAM	4.50	4.98
	High	64QAM	4.51	5.03
10	Low	QPSK	8.99	9.86
	Low	16QAM	8.96	9.81
	Low	64QAM	8.96	9.87
	Mid	QPSK	9.00	9.89
	Mid	16QAM	8.98	9.81
	Mid	64QAM	8.99	9.90
	High	QPSK	8.99	9.80
	High	16QAM	8.95	9.76
	High	64QAM	8.98	9.88



15	Low	QPSK	13.49	14.70
	Low	16QAM	13.46	14.65
	Low	64QAM	13.46	14.64
	Mid	QPSK	13.50	14.71
	Mid	16QAM	13.49	14.76
	Mid	64QAM	13.46	14.74
	High	QPSK	13.46	14.71
	High	16QAM	13.47	14.70
	High	64QAM	13.46	14.79
20	Low	QPSK	17.75	18.93
	Low	16QAM	17.96	19.55
	Low	64QAM	17.96	19.62
	Mid	QPSK	17.92	19.51
	Mid	16QAM	17.99	19.51
	Mid	64QAM	17.97	19.48
	High	QPSK	17.97	19.39
	High	16QAM	17.96	19.53
	High	64QAM	17.97	19.46





LTE Band 4				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.10	1.28
	Low	16QAM	1.10	1.28
	Low	64QAM	1.10	1.29
	Mid	QPSK	1.10	1.27
	Mid	16QAM	1.10	1.29
	Mid	64QAM	1.10	1.29
	High	QPSK	1.10	1.28
	High	16QAM	1.10	1.30
	High	64QAM	1.10	1.27
3	Low	QPSK	2.70	2.98
	Low	16QAM	2.71	2.99
	Low	64QAM	2.70	2.98
	Mid	QPSK	2.70	2.98
	Mid	16QAM	2.71	2.99
	Mid	64QAM	2.70	2.98
	High	QPSK	2.70	2.99
	High	16QAM	2.70	2.98
	High	64QAM	2.70	2.98
5	Low	QPSK	4.51	5.03
	Low	16QAM	4.51	4.96
	Low	64QAM	4.52	5.00
	Mid	QPSK	4.50	5.00
	Mid	16QAM	4.50	4.98
	Mid	64QAM	4.51	4.99
	High	QPSK	4.51	5.03
	High	16QAM	4.51	4.97
	High	64QAM	4.52	5.01
10	Low	QPSK	8.99	9.85
	Low	16QAM	8.95	9.81
	Low	64QAM	8.97	9.88
	Mid	QPSK	8.98	9.84
	Mid	16QAM	8.96	9.80
	Mid	64QAM	8.99	9.87
	High	QPSK	8.99	9.91
	High	16QAM	8.95	9.80
	High	64QAM	8.99	9.87



15	Low	QPSK	13.47	14.64
	Low	16QAM	13.48	14.69
	Low	64QAM	13.45	14.71
	Mid	QPSK	13.44	14.64
	Mid	16QAM	13.43	14.69
	Mid	64QAM	13.45	14.75
	High	QPSK	13.49	14.67
	High	16QAM	13.46	14.68
	High	64QAM	13.47	14.84
20	Low	QPSK	17.93	19.47
	Low	16QAM	17.96	19.59
	Low	64QAM	17.96	19.42
	Mid	QPSK	17.91	19.38
	Mid	16QAM	17.94	19.42
	Mid	64QAM	17.92	19.45
	High	QPSK	17.96	19.51
	High	16QAM	17.99	19.53
	High	64QAM	17.99	19.42



LTE Band 5				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.09	1.28
	Low	16QAM	1.10	1.28
	Low	64QAM	1.10	1.30
	Mid	QPSK	1.10	1.28
	Mid	16QAM	1.10	1.30
	Mid	64QAM	1.10	1.29
	High	QPSK	1.09	1.23
	High	16QAM	1.09	1.24
	High	64QAM	1.08	1.23
3	Low	QPSK	2.70	3.01
	Low	16QAM	2.71	3.00
	Low	64QAM	2.69	2.90
	Mid	QPSK	2.70	2.99
	Mid	16QAM	2.70	2.99
	Mid	64QAM	2.71	2.99
	High	QPSK	2.71	2.99
	High	16QAM	2.67	2.91
	High	64QAM	2.69	2.91
5	Low	QPSK	4.49	4.83
	Low	16QAM	4.51	4.98
	Low	64QAM	4.50	4.99
	Mid	QPSK	4.51	5.04
	Mid	16QAM	4.51	4.98
	Mid	64QAM	4.50	4.96
	High	QPSK	4.46	4.85
	High	16QAM	4.45	4.80
	High	64QAM	4.50	4.99
10	Low	QPSK	9.00	9.89
	Low	16QAM	8.97	9.81
	Low	64QAM	8.99	9.89
	Mid	QPSK	8.98	9.87
	Mid	16QAM	8.97	9.84
	Mid	64QAM	8.99	9.88
	High	QPSK	9.00	9.88
	High	16QAM	8.94	9.66
	High	64QAM	8.97	9.83



LTE Band 12				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.10	1.27
	Low	16QAM	1.10	1.29
	Low	64QAM	1.10	1.28
	Mid	QPSK	1.10	1.27
	Mid	16QAM	1.10	1.30
	Mid	64QAM	1.10	1.29
	High	QPSK	1.10	1.27
	High	16QAM	1.11	1.31
	High	64QAM	1.10	1.29
3	Low	QPSK	2.70	2.97
	Low	16QAM	2.70	3.00
	Low	64QAM	2.70	2.97
	Mid	QPSK	2.70	2.99
	Mid	16QAM	2.70	2.98
	Mid	64QAM	2.70	2.96
	High	QPSK	2.70	2.97
	High	16QAM	2.70	2.99
	High	64QAM	2.70	2.97
5	Low	QPSK	4.51	4.99
	Low	16QAM	4.51	5.02
	Low	64QAM	4.52	4.97
	Mid	QPSK	4.50	5.01
	Mid	16QAM	4.50	4.99
	Mid	64QAM	4.50	5.02
	High	QPSK	4.51	5.02
	High	16QAM	4.49	4.96
	High	64QAM	4.50	5.04
10	Low	QPSK	8.98	9.89
	Low	16QAM	8.97	9.85
	Low	64QAM	8.97	9.80
	Mid	QPSK	9.01	9.91
	Mid	16QAM	8.97	9.84
	Mid	64QAM	8.98	9.88
	High	QPSK	8.98	9.84
	High	16QAM	8.95	9.79
	High	64QAM	8.98	9.85



LTE Band 25				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.10	1.27
	Low	16QAM	1.10	1.29
	Low	64QAM	1.10	1.29
	Mid	QPSK	1.10	1.26
	Mid	16QAM	1.10	1.30
	Mid	64QAM	1.10	1.28
	High	QPSK	1.10	1.29
	High	16QAM	1.10	1.29
	High	64QAM	1.10	1.29
3	Low	QPSK	2.70	2.97
	Low	16QAM	2.70	2.99
	Low	64QAM	2.70	2.98
	Mid	QPSK	2.70	2.99
	Mid	16QAM	2.70	2.99
	Mid	64QAM	2.70	2.98
	High	QPSK	2.70	2.99
	High	16QAM	2.70	2.99
	High	64QAM	2.70	2.98
5	Low	QPSK	4.50	4.99
	Low	16QAM	4.51	4.99
	Low	64QAM	4.51	5.04
	Mid	QPSK	4.51	5.02
	Mid	16QAM	4.50	4.99
	Mid	64QAM	4.52	5.01
	High	QPSK	4.51	4.98
	High	16QAM	4.50	5.00
	High	64QAM	4.52	5.02
10	Low	QPSK	8.98	9.84
	Low	16QAM	8.97	9.76
	Low	64QAM	8.97	9.75
	Mid	QPSK	8.97	9.85
	Mid	16QAM	8.97	9.81
	Mid	64QAM	9.00	9.87
	High	QPSK	9.00	9.83
	High	16QAM	8.94	9.86
	High	64QAM	8.96	9.79



15	Low	QPSK	13.49	14.55
	Low	16QAM	13.48	14.70
	Low	64QAM	13.33	14.18
	Mid	QPSK	13.47	14.61
	Mid	16QAM	13.46	14.68
	Mid	64QAM	13.44	14.79
	High	QPSK	13.42	14.59
	High	16QAM	13.43	14.70
	High	64QAM	13.42	14.69
20	Low	QPSK	17.96	19.53
	Low	16QAM	17.99	19.54
	Low	64QAM	17.97	19.54
	Mid	QPSK	17.93	19.52
	Mid	16QAM	17.99	19.52
	Mid	64QAM	17.95	19.56
	High	QPSK	17.93	19.46
	High	16QAM	17.93	19.46
	High	64QAM	17.95	19.49



LTE Band 26				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.09	1.28
	Low	16QAM	1.10	1.28
	Low	64QAM	1.10	1.29
	Mid	QPSK	1.09	1.28
	Mid	16QAM	1.10	1.30
	Mid	64QAM	1.10	1.30
	High	QPSK	1.10	1.28
	High	16QAM	1.10	1.28
	High	64QAM	1.08	1.23
3	Low	QPSK	2.70	2.98
	Low	16QAM	2.70	3.00
	Low	64QAM	2.69	2.89
	Mid	QPSK	2.70	2.98
	Mid	16QAM	2.70	3.00
	Mid	64QAM	2.70	2.97
	High	QPSK	2.67	2.91
	High	16QAM	2.70	2.91
	High	64QAM	2.68	2.89
5	Low	QPSK	4.49	4.85
	Low	16QAM	4.51	5.01
	Low	64QAM	4.51	4.99
	Mid	QPSK	4.50	5.02
	Mid	16QAM	4.50	5.02
	Mid	64QAM	4.52	5.02
	High	QPSK	4.51	5.03
	High	16QAM	4.45	4.80
	High	64QAM	4.52	4.99
10	Low	QPSK	8.91	9.61
	Low	16QAM	8.98	9.81
	Low	64QAM	8.98	9.89
	Mid	QPSK	8.95	9.47
	Mid	16QAM	8.96	9.81
	Mid	64QAM	8.85	9.51
	High	QPSK	8.98	9.87
	High	16QAM	8.95	9.86
	High	64QAM	8.97	9.84



15	Low	QPSK	13.48	14.65
	Low	16QAM	13.47	14.82
	Low	64QAM	13.44	14.60
	Mid	QPSK	13.50	14.69
	Mid	16QAM	13.46	14.85
	Mid	64QAM	13.45	14.78
	High	QPSK	13.48	14.74
	High	16QAM	13.45	14.64
	High	64QAM	13.44	14.74





LTE Band 41				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.51	5.06
	Low	16QAM	4.51	5.04
	Low	64QAM	4.51	5.04
	Mid	QPSK	4.53	5.19
	Mid	16QAM	4.51	5.04
	Mid	64QAM	4.52	5.10
	High	QPSK	4.52	4.98
	High	16QAM	4.51	5.03
	High	64QAM	4.52	4.96
10	Low	QPSK	8.98	10.13
	Low	16QAM	8.97	10.08
	Low	64QAM	8.99	9.81
	Mid	QPSK	8.98	9.99
	Mid	16QAM	8.98	10.23
	Mid	64QAM	8.96	9.80
	High	QPSK	8.98	10.06
	High	16QAM	8.98	10.30
	High	64QAM	8.98	9.79
15	Low	QPSK	13.46	14.65
	Low	16QAM	13.47	14.86
	Low	64QAM	13.45	14.67
	Mid	QPSK	13.49	14.69
	Mid	16QAM	13.50	14.68
	Mid	64QAM	13.45	14.63
	High	QPSK	13.47	14.75
	High	16QAM	13.47	14.79
	High	64QAM	13.47	14.66
20	Low	QPSK	17.99	20.14
	Low	16QAM	17.95	20.14
	Low	64QAM	17.92	19.46
	Mid	QPSK	17.94	20.04
	Mid	16QAM	17.98	21.53
	Mid	64QAM	17.95	19.43
	High	QPSK	17.99	19.71
	High	16QAM	17.96	19.75
	High	64QAM	17.95	19.55



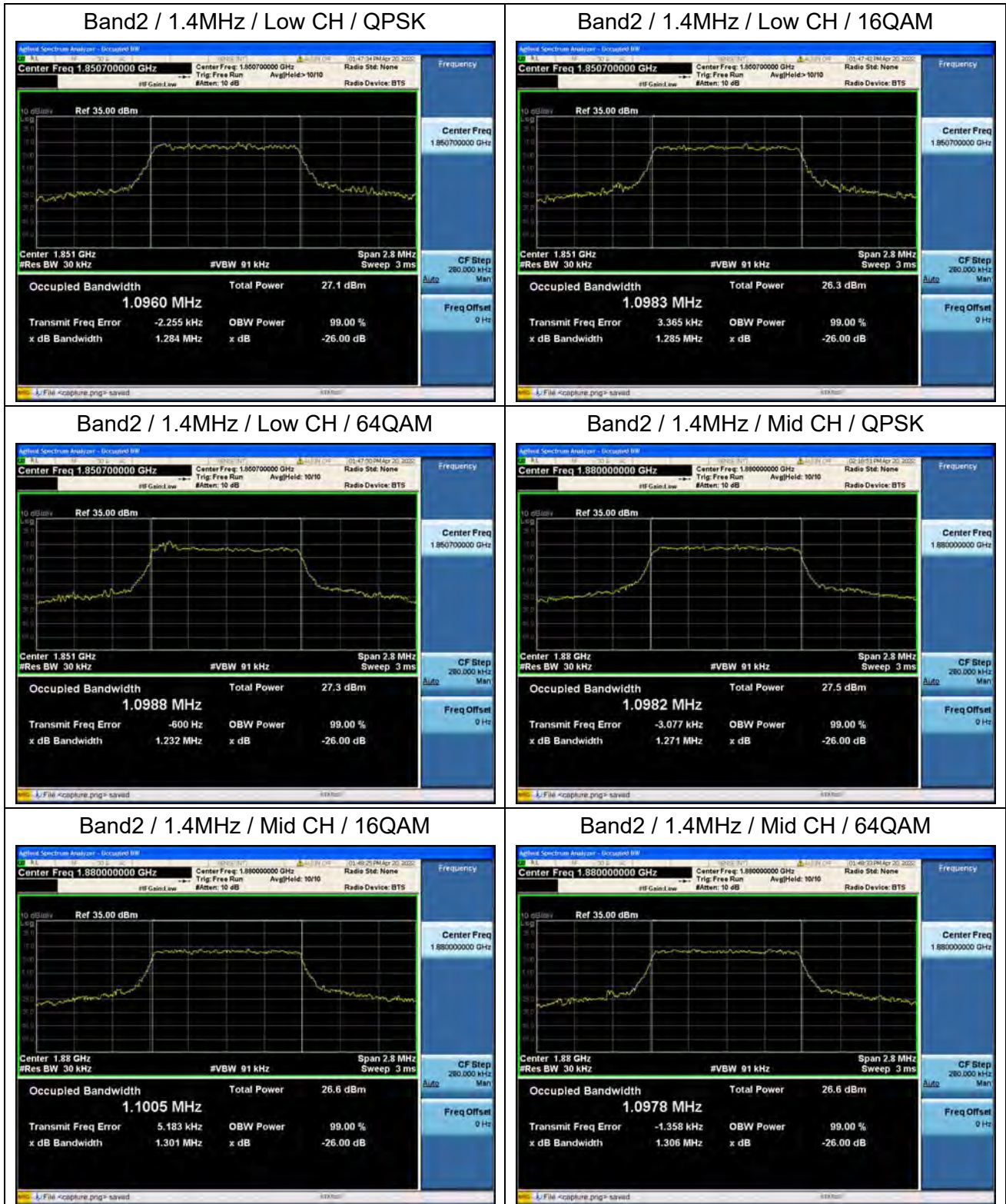
LTE Band 66				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.09	1.27
	Low	16QAM	1.10	1.30
	Low	64QAM	1.10	1.31
	Mid	QPSK	1.10	1.27
	Mid	16QAM	1.10	1.29
	Mid	64QAM	1.10	1.30
	High	QPSK	1.10	1.28
	High	16QAM	1.10	1.29
	High	64QAM	1.10	1.30
3	Low	QPSK	2.70	2.97
	Low	16QAM	2.71	3.01
	Low	64QAM	2.70	2.97
	Mid	QPSK	2.70	2.98
	Mid	16QAM	2.70	2.98
	Mid	64QAM	2.70	2.98
	High	QPSK	2.70	2.99
	High	16QAM	2.70	2.99
	High	64QAM	2.71	2.97
5	Low	QPSK	4.50	5.04
	Low	16QAM	4.50	4.95
	Low	64QAM	4.51	5.01
	Mid	QPSK	4.52	5.02
	Mid	16QAM	4.50	5.04
	Mid	64QAM	4.51	4.97
	High	QPSK	4.51	5.02
	High	16QAM	4.51	5.01
	High	64QAM	4.50	4.98
10	Low	QPSK	8.98	9.86
	Low	16QAM	8.97	9.84
	Low	64QAM	8.98	9.89
	Mid	QPSK	8.97	9.85
	Mid	16QAM	8.96	9.86
	Mid	64QAM	8.98	9.84
	High	QPSK	9.00	9.88
	High	16QAM	8.96	9.89
	High	64QAM	8.98	9.85



15	Low	QPSK	13.47	14.69
	Low	16QAM	13.48	14.71
	Low	64QAM	13.47	14.78
	Mid	QPSK	13.48	14.72
	Mid	16QAM	13.46	14.72
	Mid	64QAM	13.46	14.61
	High	QPSK	13.48	14.71
	High	16QAM	13.47	14.64
	High	64QAM	13.44	14.62
20	Low	QPSK	17.94	19.38
	Low	16QAM	17.94	19.52
	Low	64QAM	17.96	19.45
	Mid	QPSK	17.96	19.42
	Mid	16QAM	18.02	19.46
	Mid	64QAM	17.98	19.55
	High	QPSK	17.93	19.36
	High	16QAM	17.94	19.55
	High	64QAM	17.93	19.41

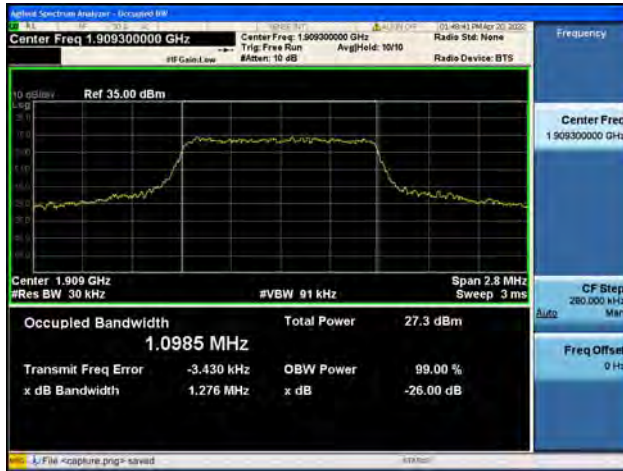


LTE Band 71				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.50	4.99
	Low	16QAM	4.51	5.03
	Low	64QAM	4.51	4.97
	Mid	QPSK	4.50	4.98
	Mid	16QAM	4.51	5.01
	Mid	64QAM	4.51	5.04
	High	QPSK	4.50	5.00
	High	16QAM	4.51	4.97
	High	64QAM	4.51	4.97
10	Low	QPSK	9.00	9.79
	Low	16QAM	8.94	9.77
	Low	64QAM	8.96	9.82
	Mid	QPSK	9.01	9.81
	Mid	16QAM	8.97	9.80
	Mid	64QAM	8.99	9.83
	High	QPSK	8.99	9.86
	High	16QAM	8.96	9.85
	High	64QAM	8.99	9.81
15	Low	QPSK	13.42	14.68
	Low	16QAM	13.45	14.63
	Low	64QAM	13.43	14.73
	Mid	QPSK	13.47	14.67
	Mid	16QAM	13.45	14.67
	Mid	64QAM	13.42	14.59
	High	QPSK	13.48	14.60
	High	16QAM	13.47	14.70
	High	64QAM	13.45	14.64
20	Low	QPSK	17.90	19.45
	Low	16QAM	17.83	19.05
	Low	64QAM	17.89	19.47
	Mid	QPSK	17.92	19.45
	Mid	16QAM	17.90	19.45
	Mid	64QAM	17.91	19.57
	High	QPSK	17.90	19.42
	High	16QAM	17.95	19.39
	High	64QAM	17.91	19.54

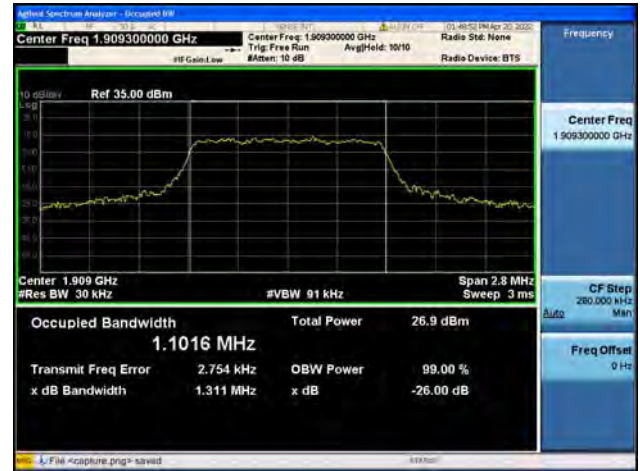




Band2 / 1.4MHz / High CH / QPSK



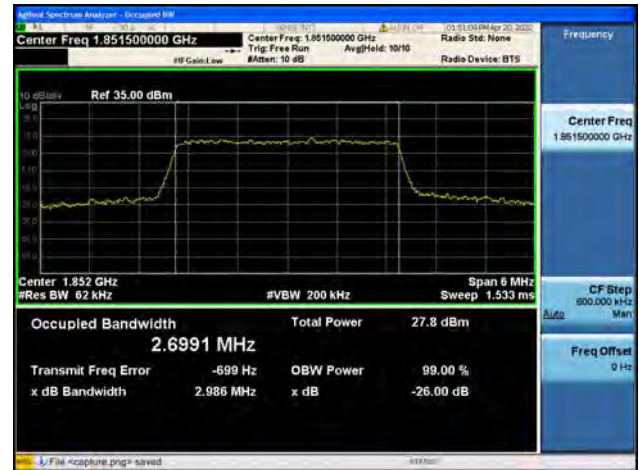
Band2 / 1.4MHz / High CH / 16QAM



Band2 / 1.4MHz / High CH / 64QAM



Band2 / 3MHz / Low CH / QPSK

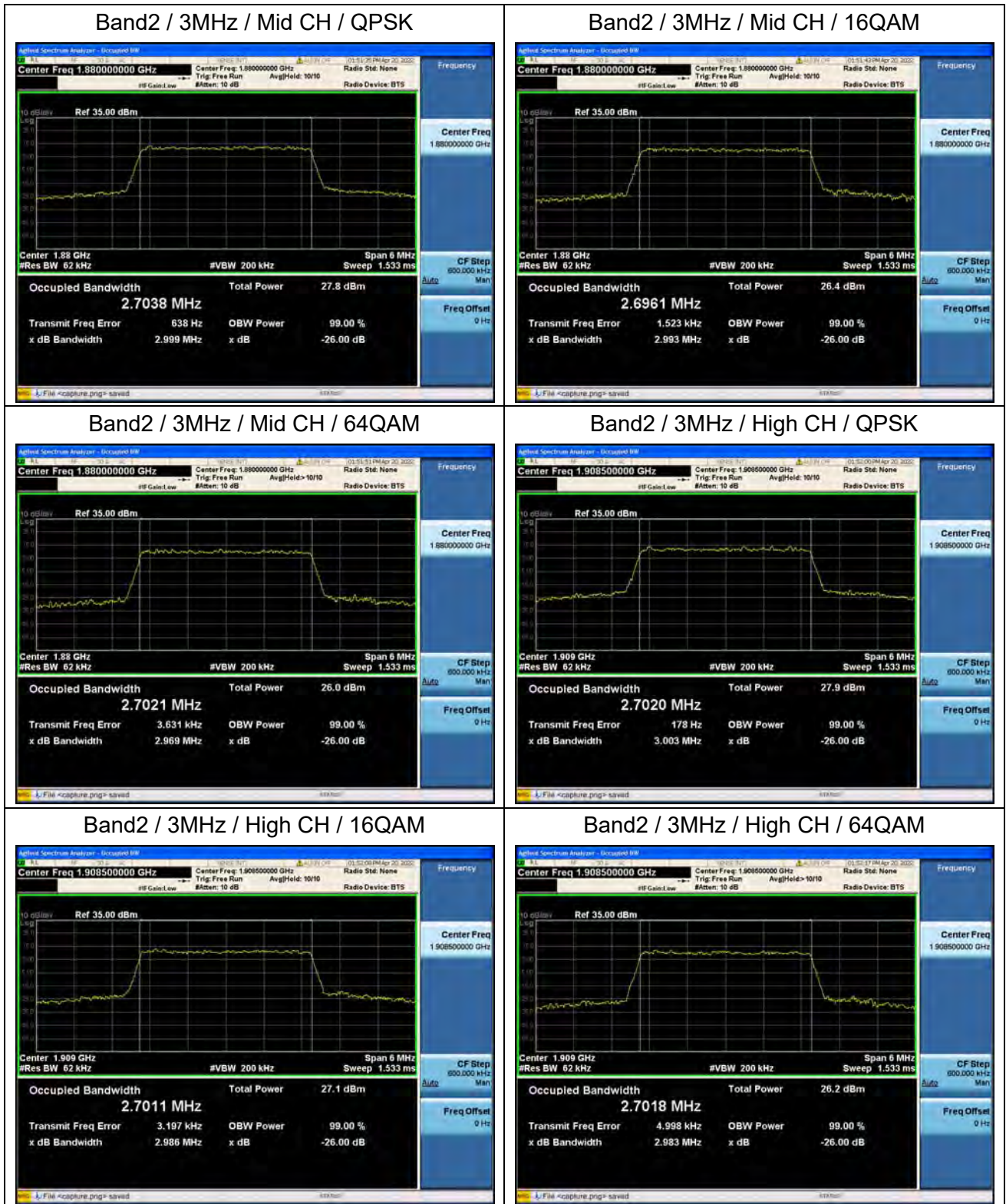


Band2 / 3MHz / Low CH / 16QAM



Band2 / 3MHz / Low CH / 64QAM



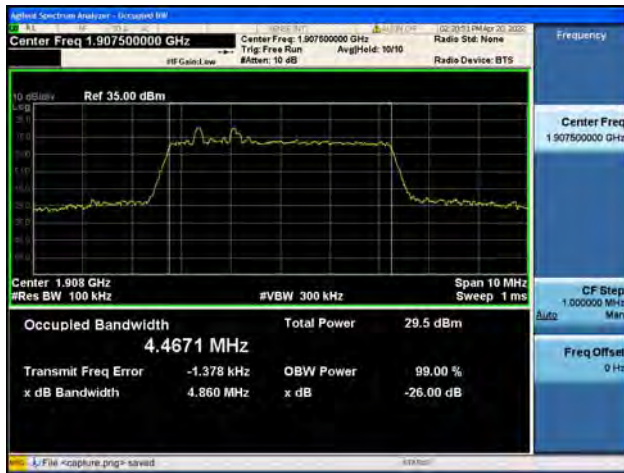




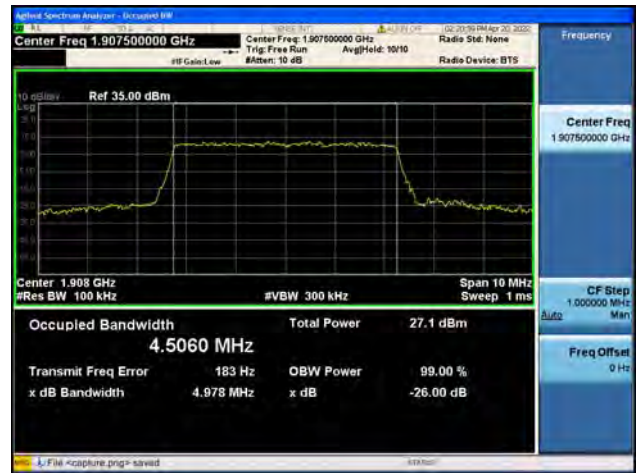




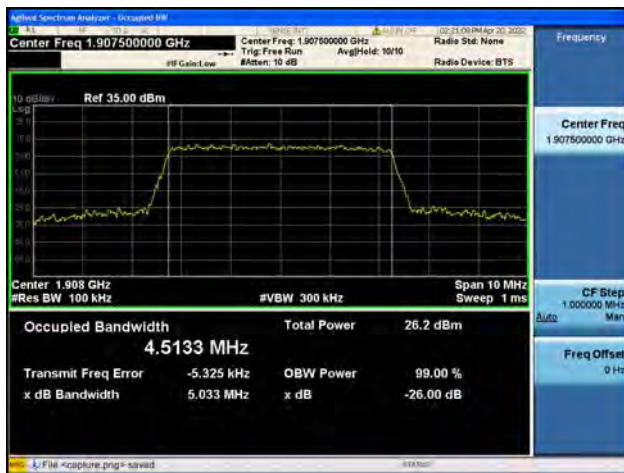
Band2 / 5MHz / High CH / QPSK



Band2 / 5MHz / High CH / 16QAM



Band2 / 5MHz / High CH / 64QAM



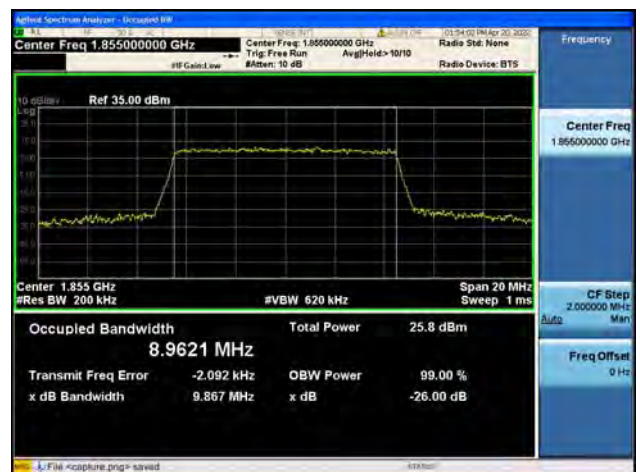
Band2 / 10MHz / Low CH / QPSK



Band2 / 10MHz / Low CH / 16QAM



Band2 / 10MHz / Low CH / 64QAM

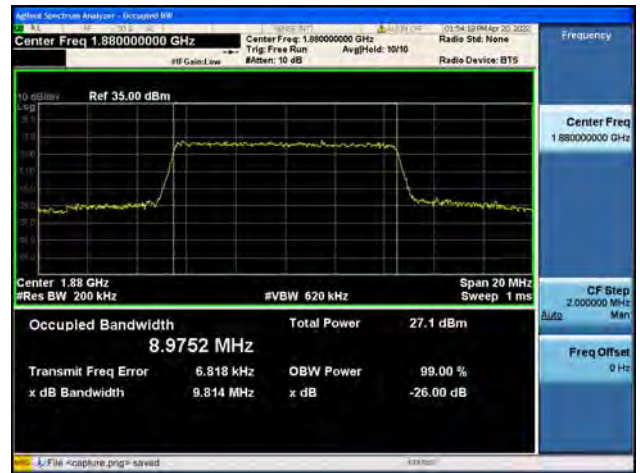




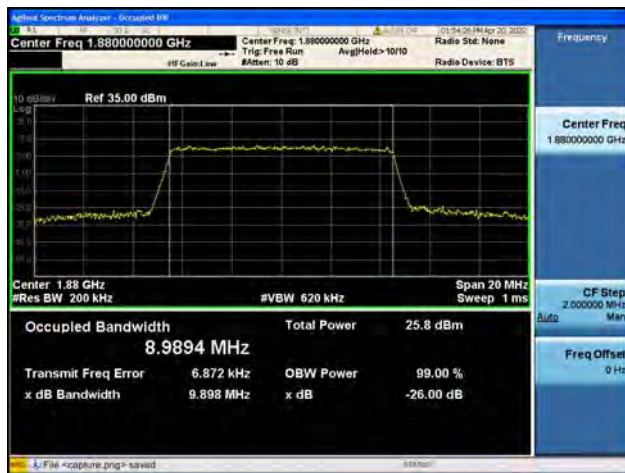
Band2 / 10MHz / Mid CH / QPSK



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

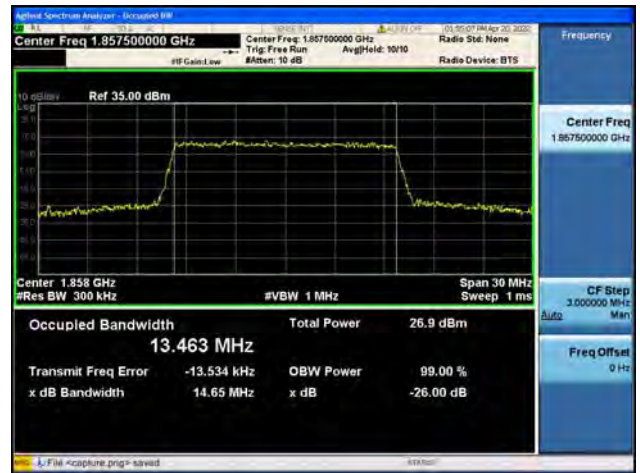




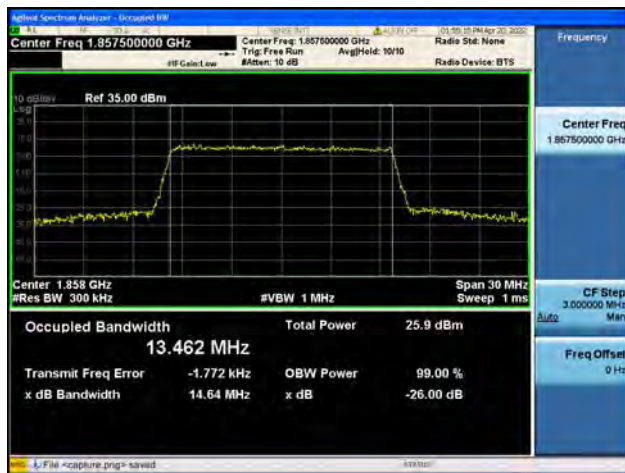
Band2 / 15MHz / Low CH / QPSK



Band2 / 15MHz / Low CH / 16QAM



Band2 / 15MHz / Low CH / 64QAM



Band2 / 15MHz / Mid CH / QPSK



Band2 / 15MHz / Mid CH / 16QAM

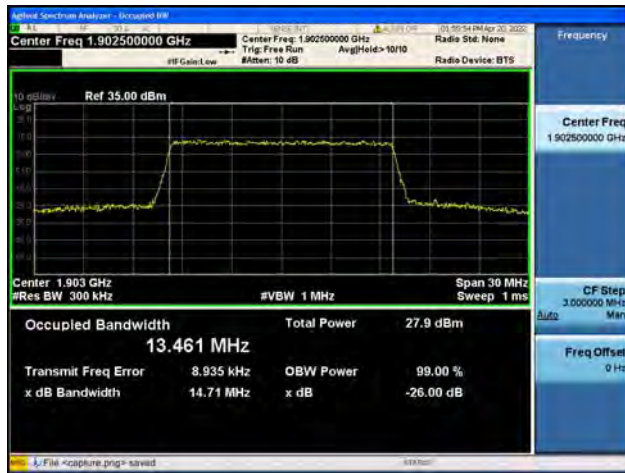


Band2 / 15MHz / Mid CH / 64QAM





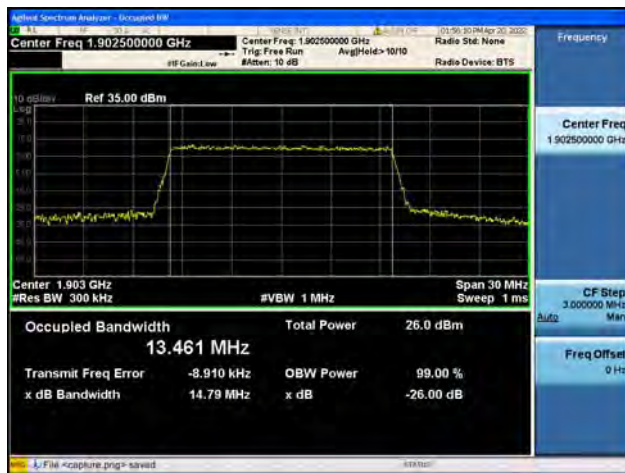
Band2 / 15MHz / High CH / QPSK



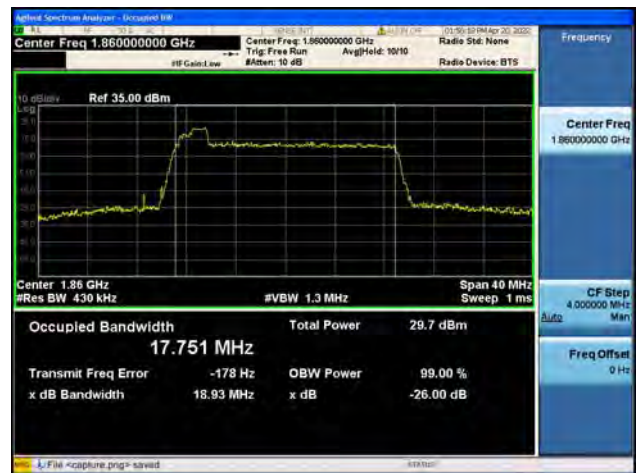
Band2 / 15MHz / High CH / 16QAM



Band2 / 15MHz / High CH / 64QAM



Band2 / 20MHz / Low CH / QPSK



Band2 / 20MHz / Low CH / 16QAM

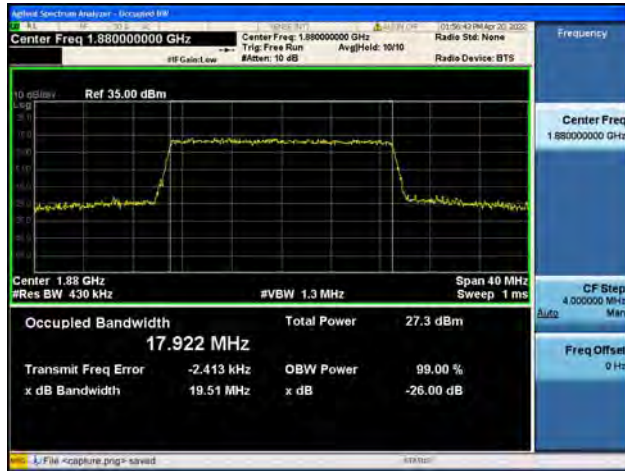


Band2 / 20MHz / Low CH / 64QAM

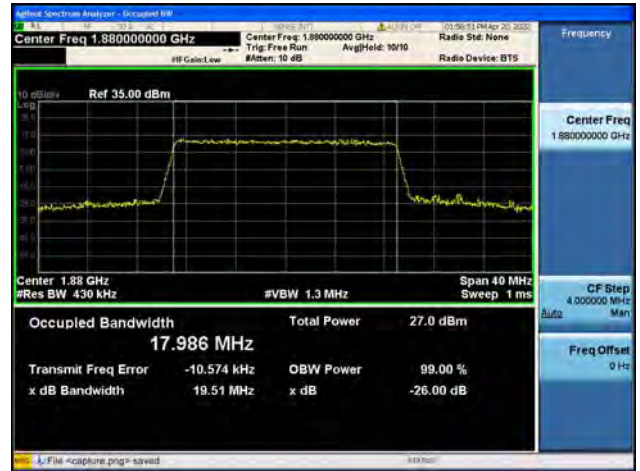




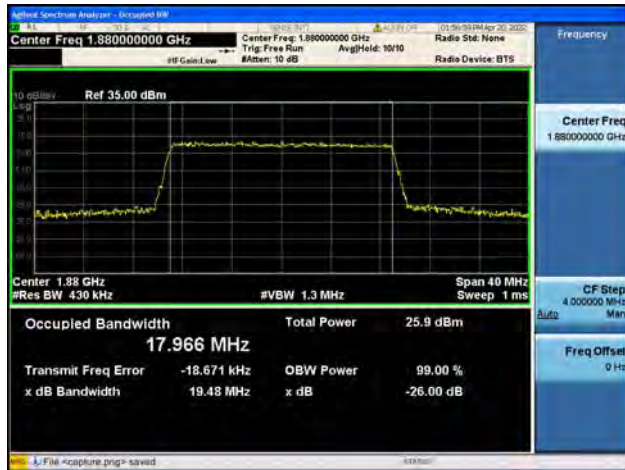
Band2 / 20MHz / Mid CH / QPSK



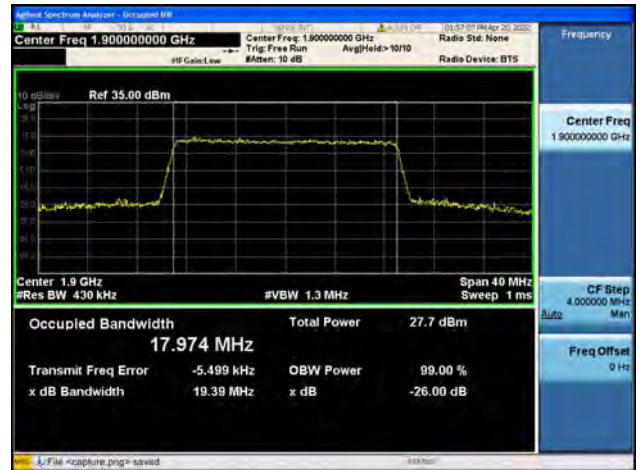
Band2 / 20MHz / Mid CH / 16QAM



Band2 / 20MHz / Mid CH / 64QAM



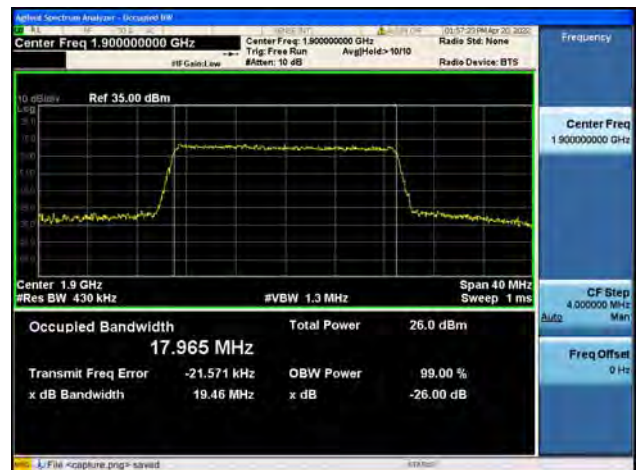
Band2 / 20MHz / High CH / QPSK



Band2 / 20MHz / High CH / 16QAM



Band2 / 20MHz / High CH / 64QAM

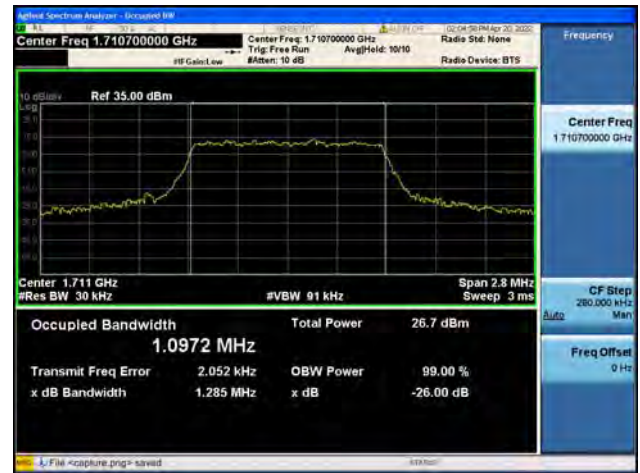




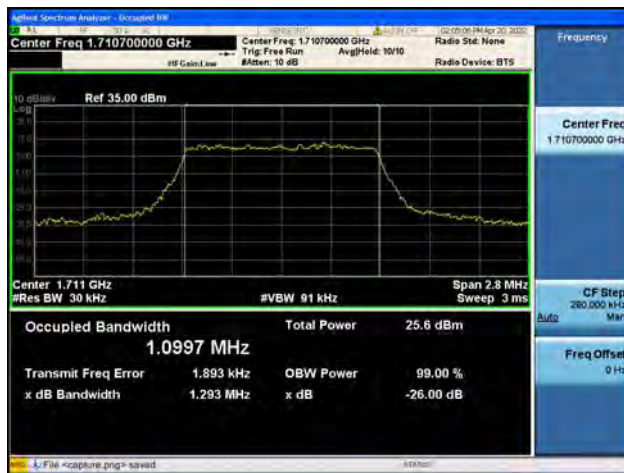
Band4 / 1.4MHz / Low CH / QPSK



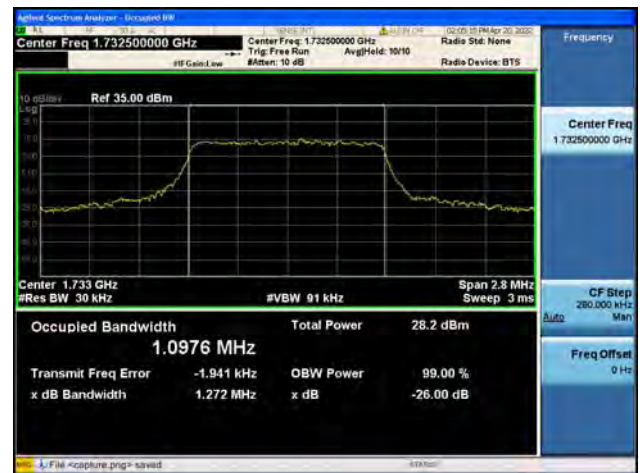
Band4 / 1.4MHz / Low CH / 16QAM



Band4 / 1.4MHz / Low CH / 64QAM



Band4 / 1.4MHz / Mid CH / QPSK



Band4 / 1.4MHz / Mid CH / 16QAM



Band4 / 1.4MHz / Mid CH / 64QAM

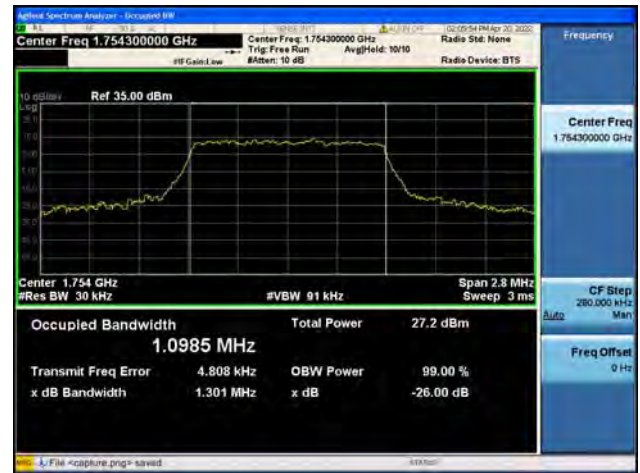




Band4 / 1.4MHz / High CH / QPSK



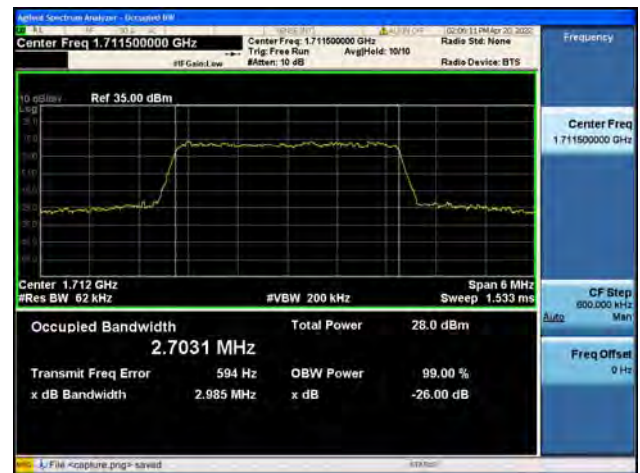
Band4 / 1.4MHz / High CH / 16QAM



Band4 / 1.4MHz / High CH / 64QAM



Band4 / 3MHz / Low CH / QPSK

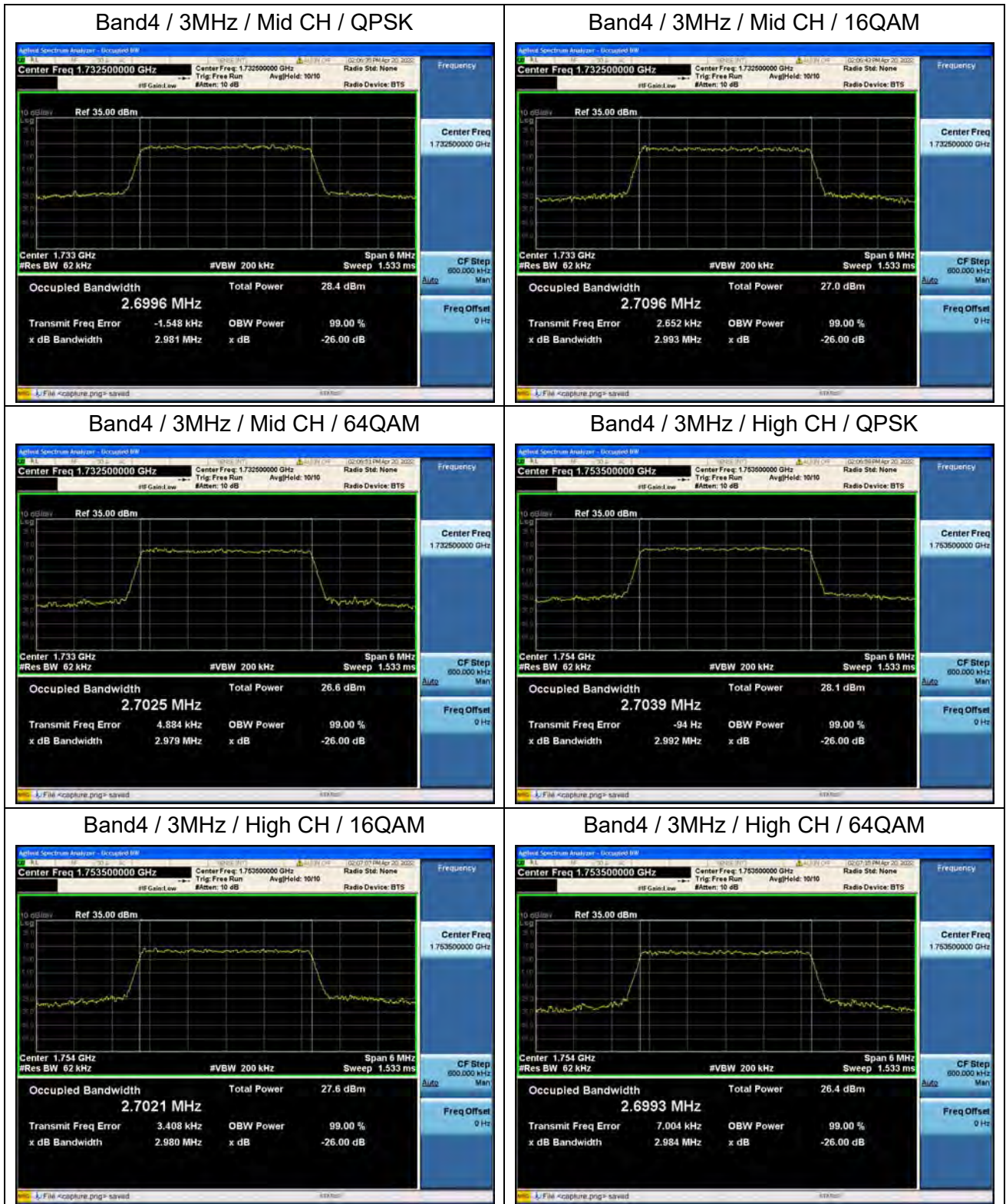


Band4 / 3MHz / Low CH / 16QAM



Band4 / 3MHz / Low CH / 64QAM





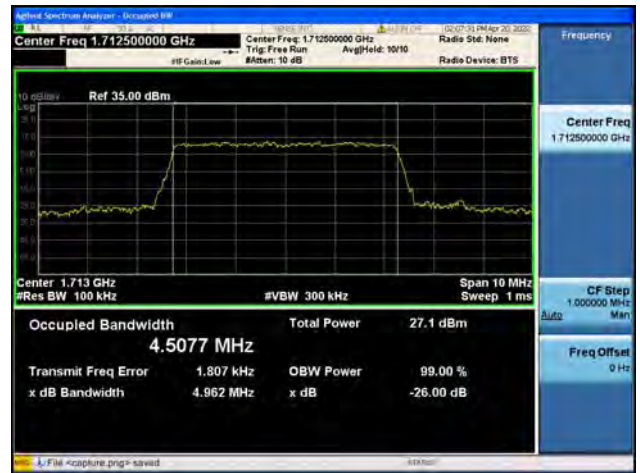




Band4 / 5MHz / Low CH / QPSK



Band4 / 5MHz / Low CH / 16QAM



Band4 / 5MHz / Low CH / 64QAM



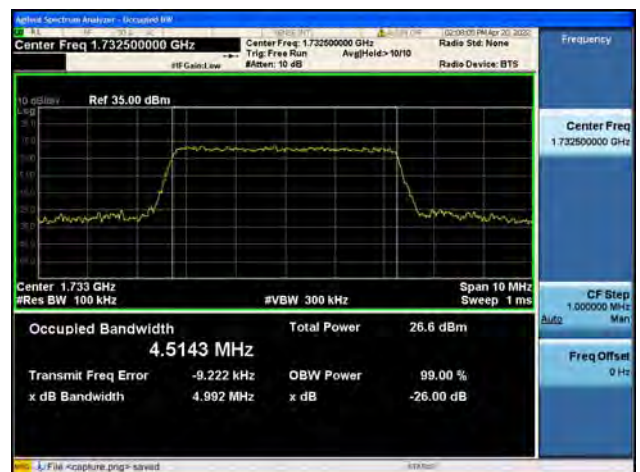
Band4 / 5MHz / Mid CH / QPSK



Band4 / 5MHz / Mid CH / 16QAM

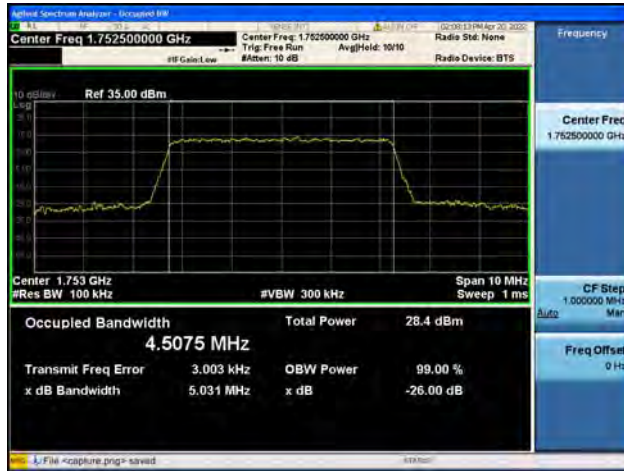


Band4 / 5MHz / Mid CH / 64QAM

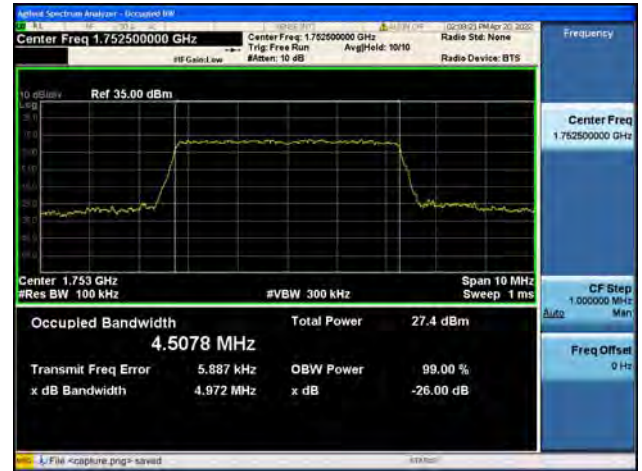




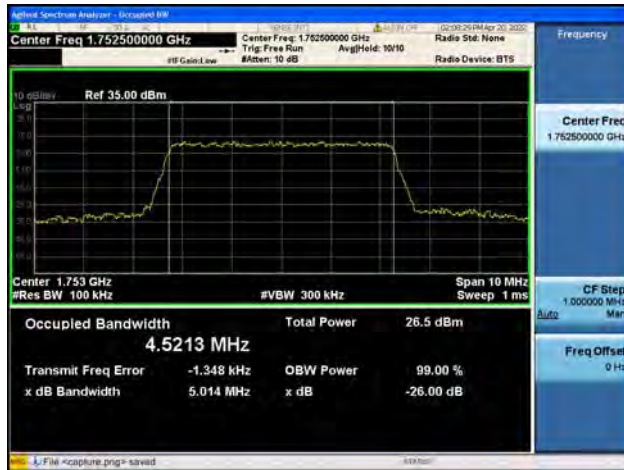
Band4 / 5MHz / High CH / QPSK



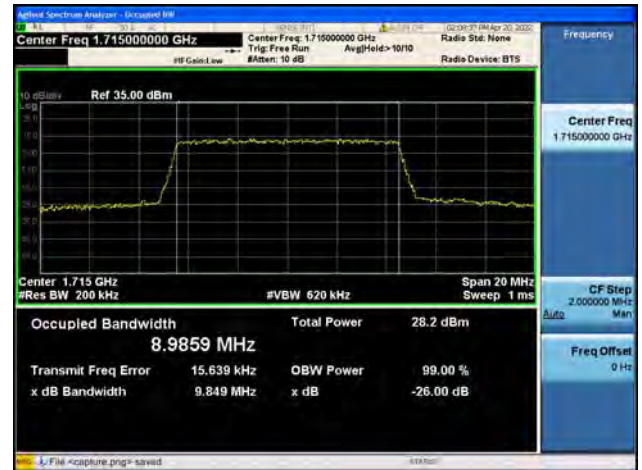
Band4 / 5MHz / High CH / 16QAM



Band4 / 5MHz / High CH / 64QAM



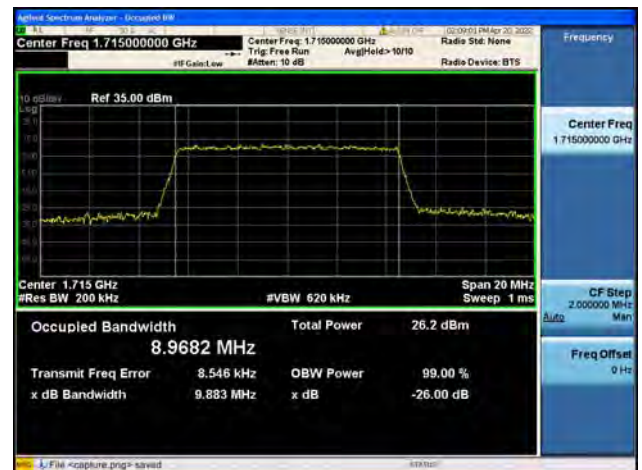
Band4 / 10MHz / Low CH / QPSK



Band4 / 10MHz / Low CH / 16QAM

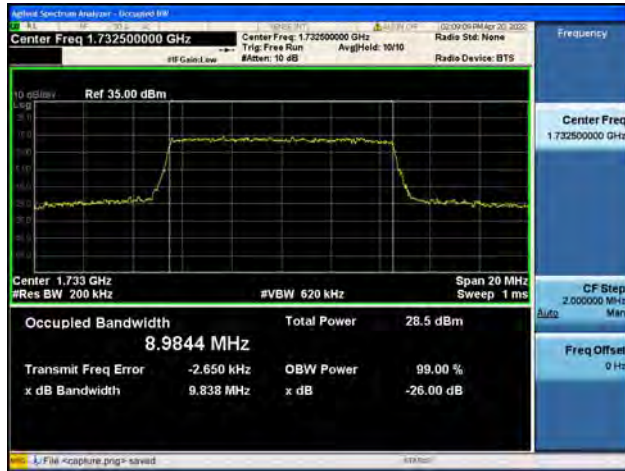


Band4 / 10MHz / Low CH / 64QAM

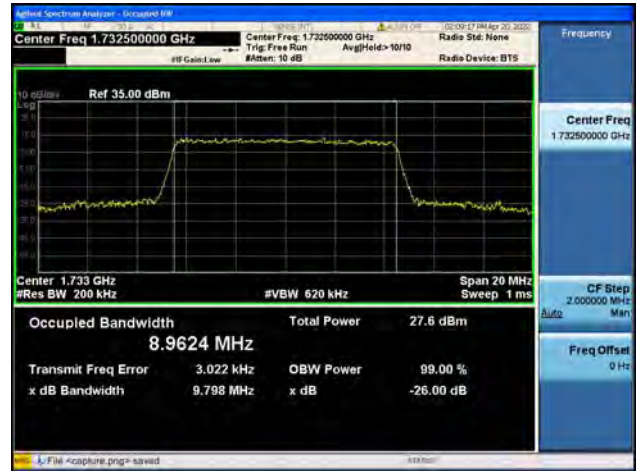




Band4 / 10MHz / Mid CH / QPSK



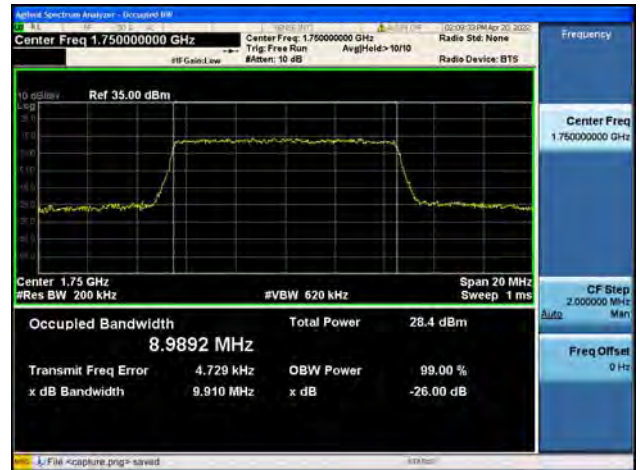
Band4 / 10MHz / Mid CH / 16QAM



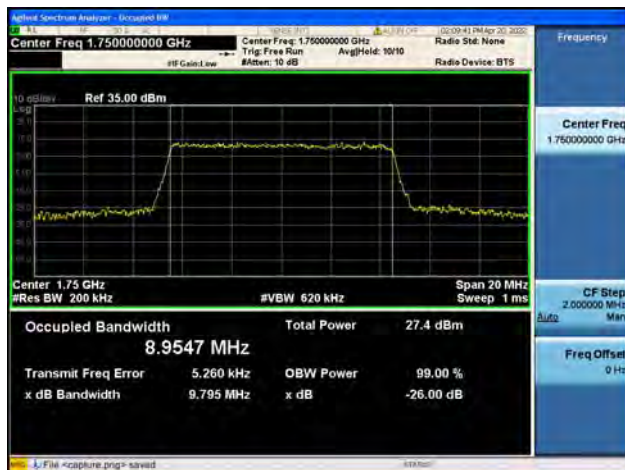
Band4 / 10MHz / Mid CH / 64QAM



Band4 / 10MHz / High CH / QPSK



Band4 / 10MHz / High CH / 16QAM

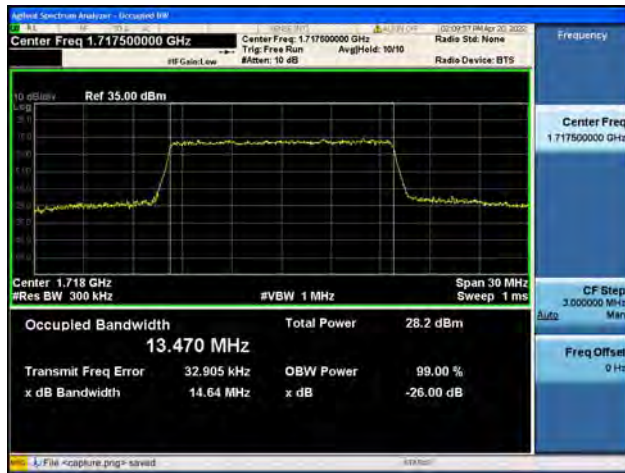


Band4 / 10MHz / High CH / 64QAM

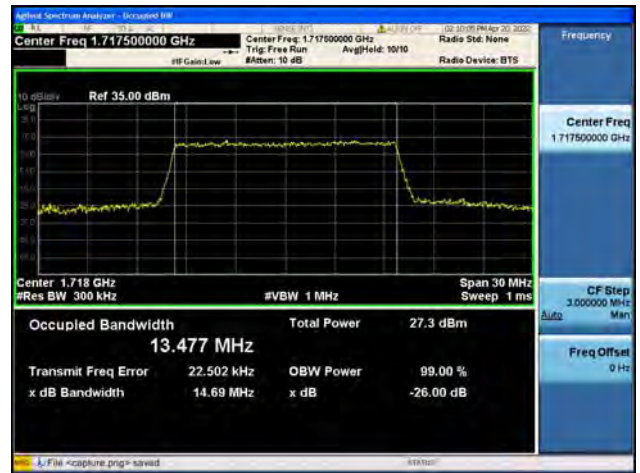




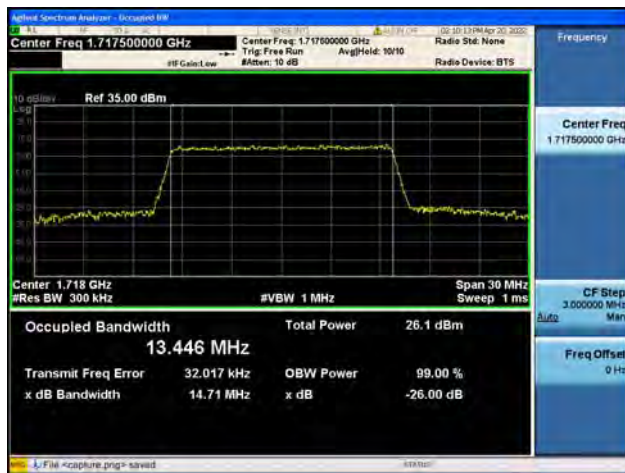
Band4 / 15MHz / Low CH / QPSK



Band4 / 15MHz / Low CH / 16QAM



Band4 / 15MHz / Low CH / 64QAM



Band4 / 15MHz / Mid CH / QPSK



Band4 / 15MHz / Mid CH / 16QAM

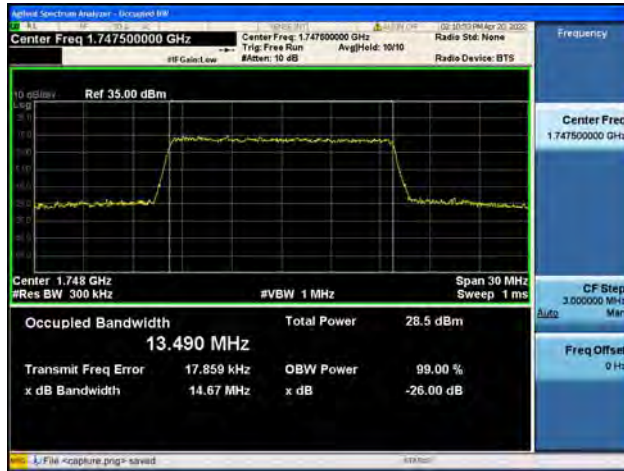


Band4 / 15MHz / Mid CH / 64QAM

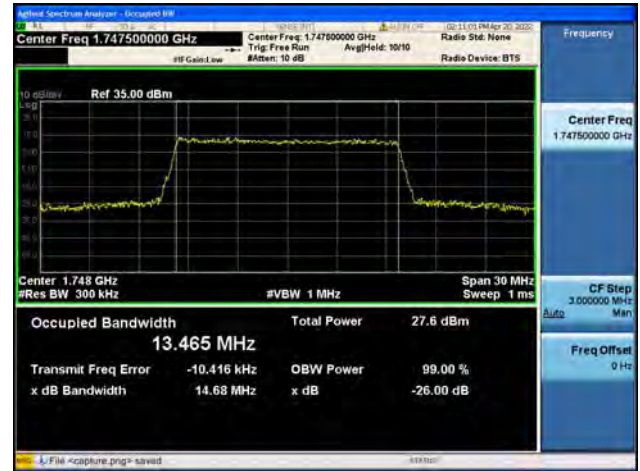




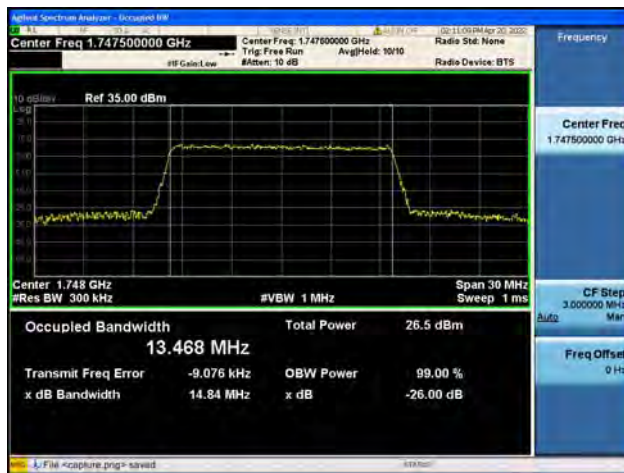
Band4 / 15MHz / High CH / QPSK



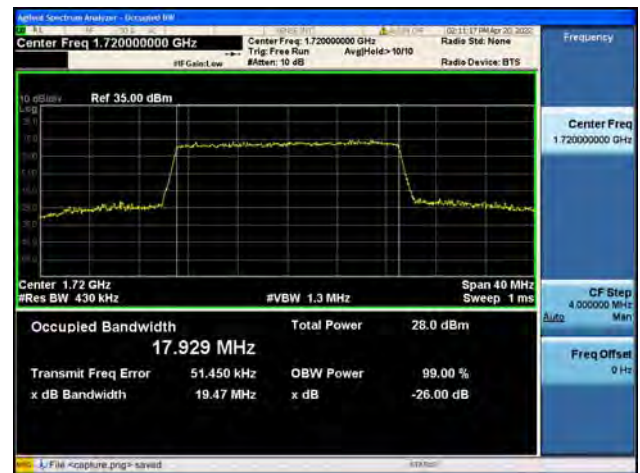
Band4 / 15MHz / High CH / 16QAM



Band4 / 15MHz / High CH / 64QAM



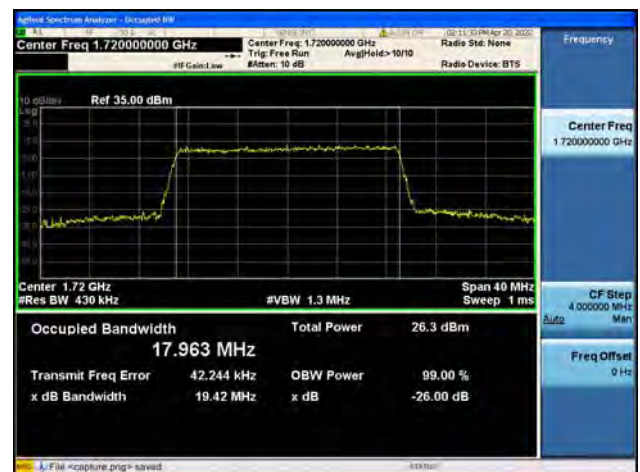
Band4 / 20MHz / Low CH / QPSK



Band4 / 20MHz / Low CH / 16QAM

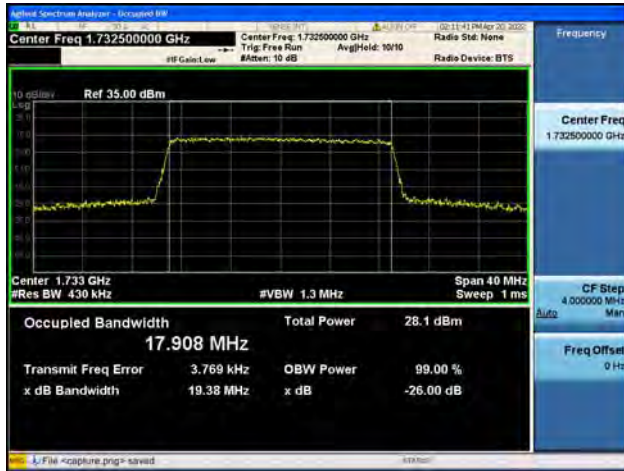


Band4 / 20MHz / Low CH / 64QAM





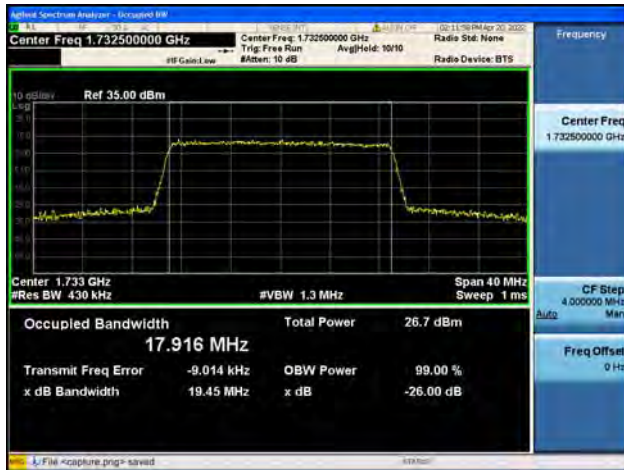
Band4 / 20MHz / Mid CH / QPSK



Band4 / 20MHz / Mid CH / 16QAM



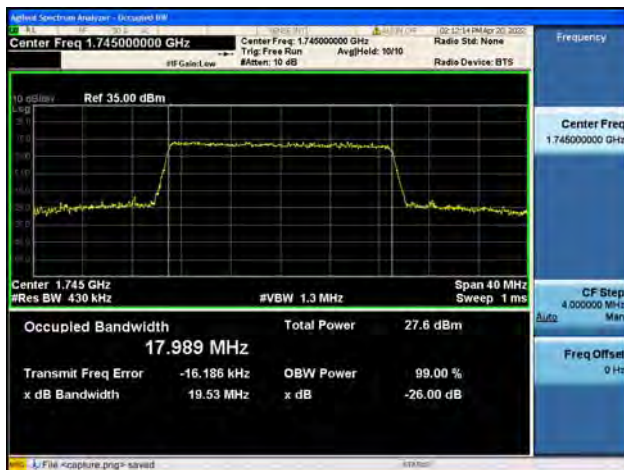
Band4 / 20MHz / Mid CH / 64QAM



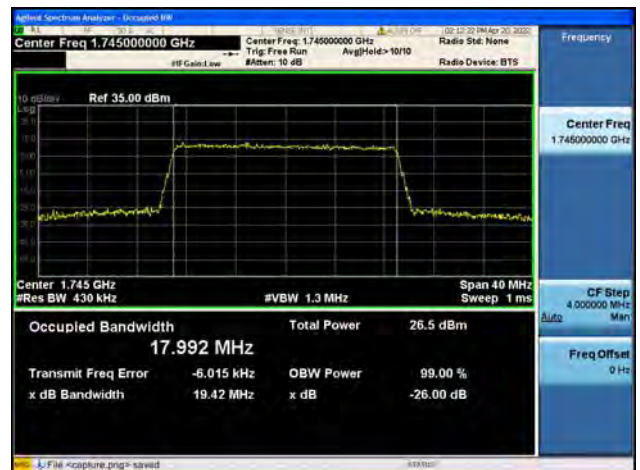
Band4 / 20MHz / High CH / QPSK



Band4 / 20MHz / High CH / 16QAM

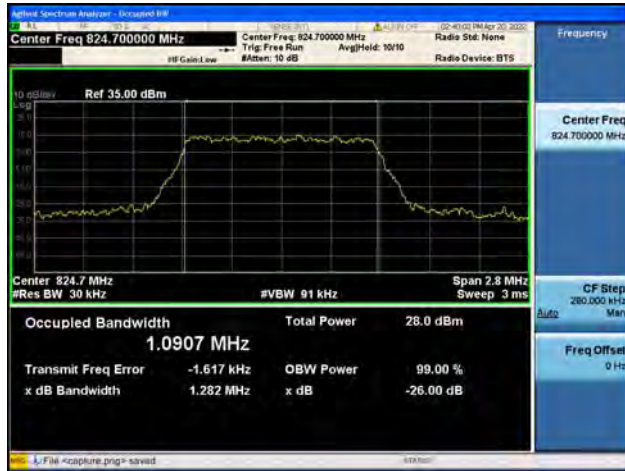


Band4 / 20MHz / High CH / 64QAM

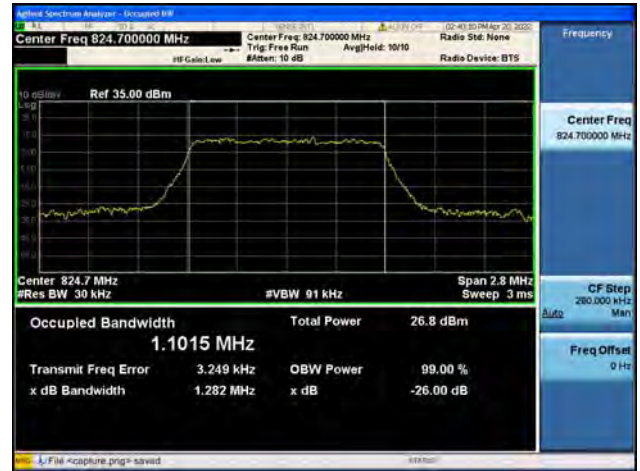




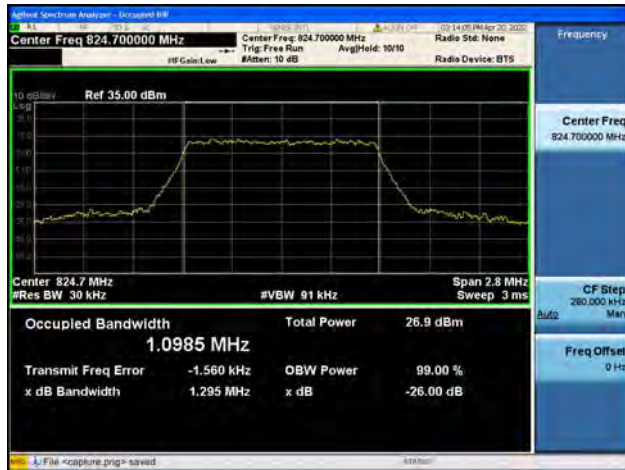
Band5 / 1.4MHz / Low CH / QPSK



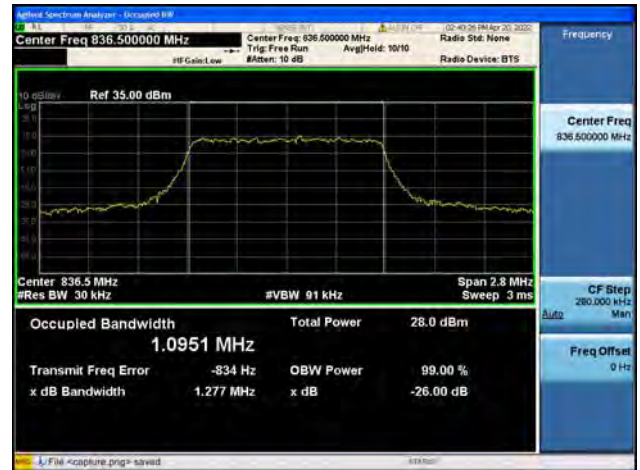
Band5 / 1.4MHz / Low CH / 16QAM



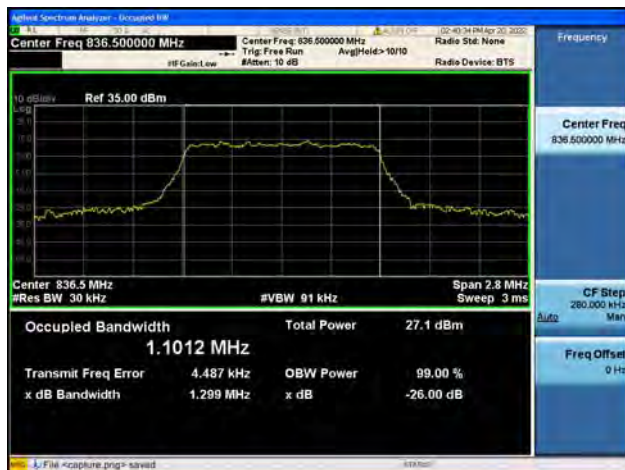
Band5 / 1.4MHz / Low CH / 64QAM



Band5 / 1.4MHz / Mid CH / QPSK



Band5 / 1.4MHz / Mid CH / 16QAM

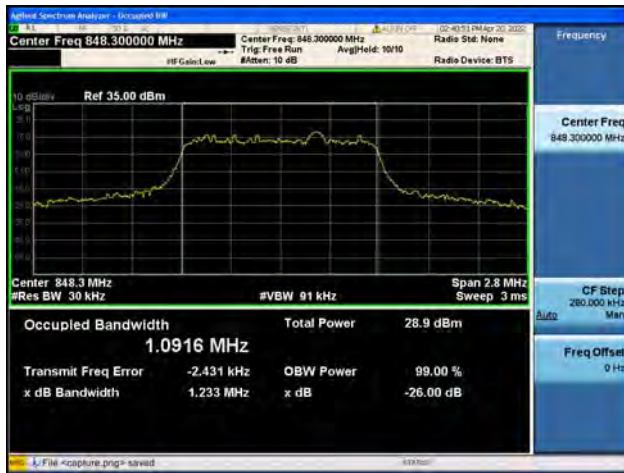


Band5 / 1.4MHz / Mid CH / 64QAM

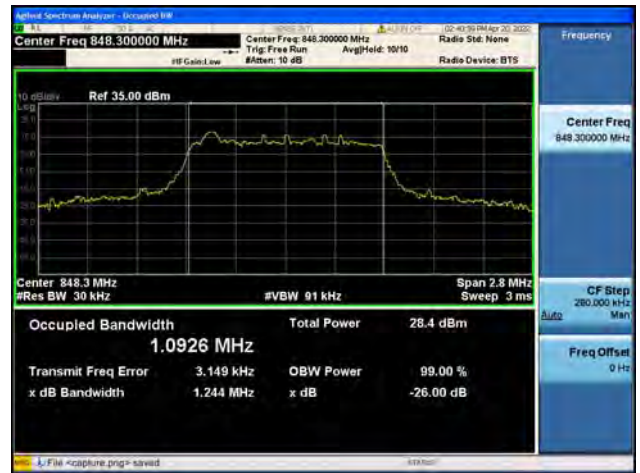




Band5 / 1.4MHz / High CH / QPSK



Band5 / 1.4MHz / High CH / 16QAM



Band5 / 1.4MHz / High CH / 64QAM



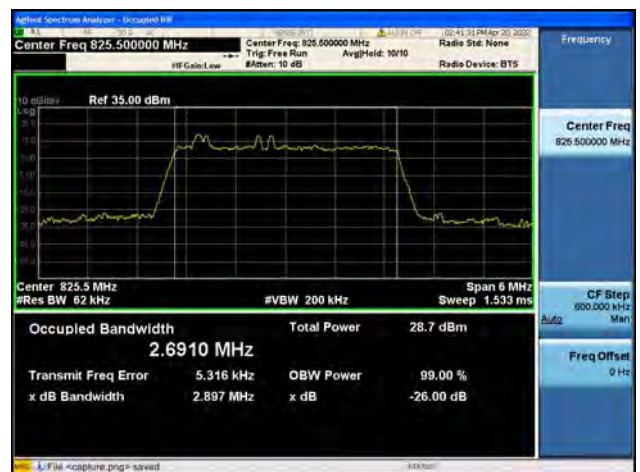
Band5 / 3MHz / Low CH / QPSK



Band5 / 3MHz / Low CH / 16QAM



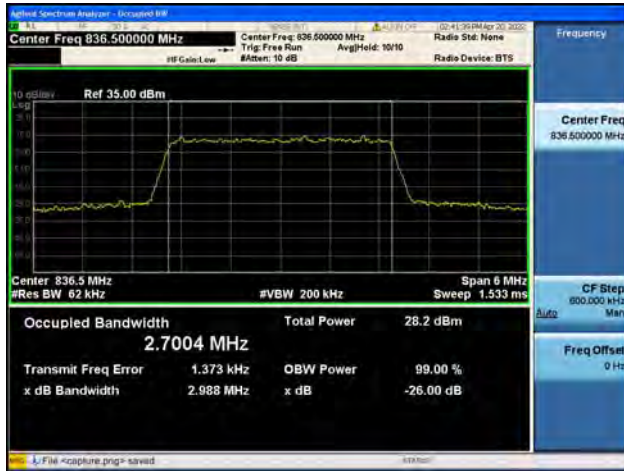
Band5 / 3MHz / Low CH / 64QAM



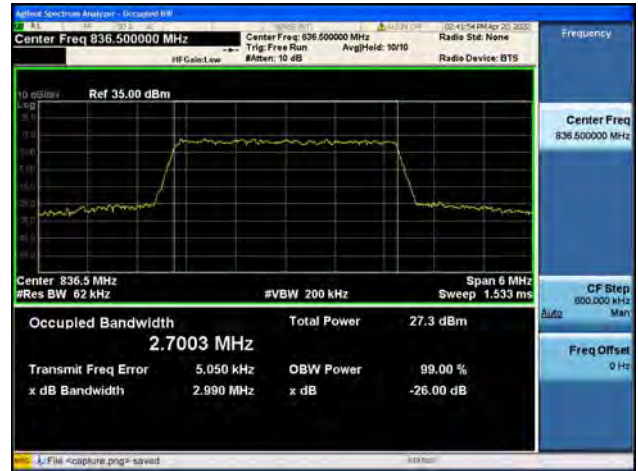




Band5 / 3MHz / Mid CH / QPSK



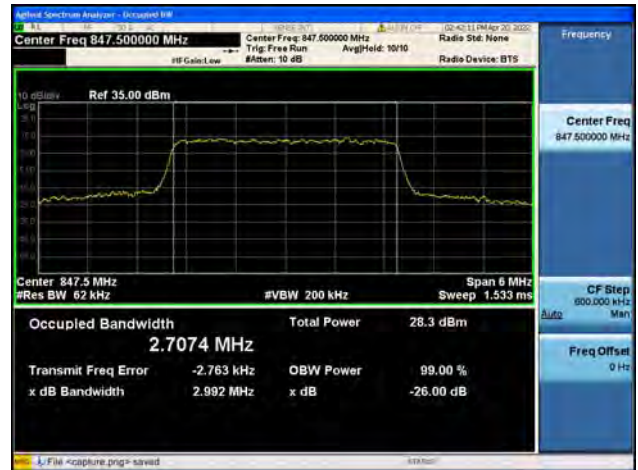
Band5 / 3MHz / Mid CH / 16QAM



Band5 / 3MHz / Mid CH / 64QAM



Band5 / 3MHz / High CH / QPSK



Band5 / 3MHz / High CH / 16QAM

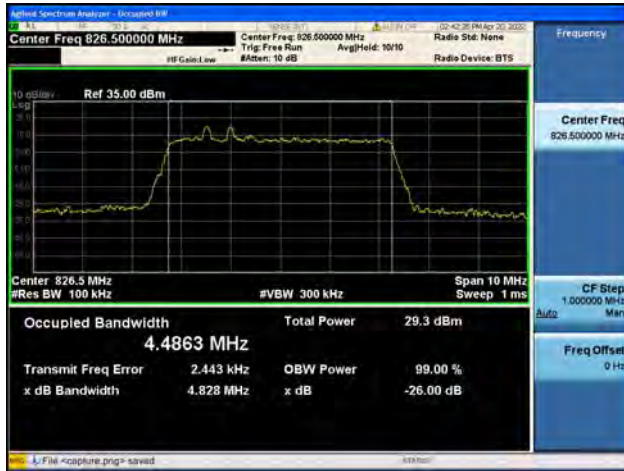


Band5 / 3MHz / High CH / 64QAM





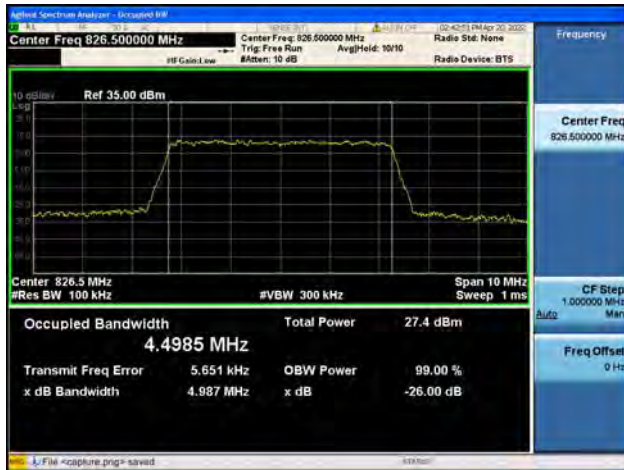
Band5 / 5MHz / Low CH / QPSK



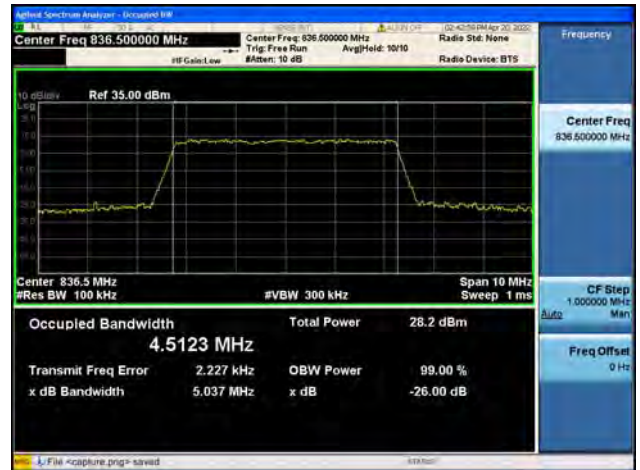
Band5 / 5MHz / Low CH / 16QAM



Band5 / 5MHz / Low CH / 64QAM



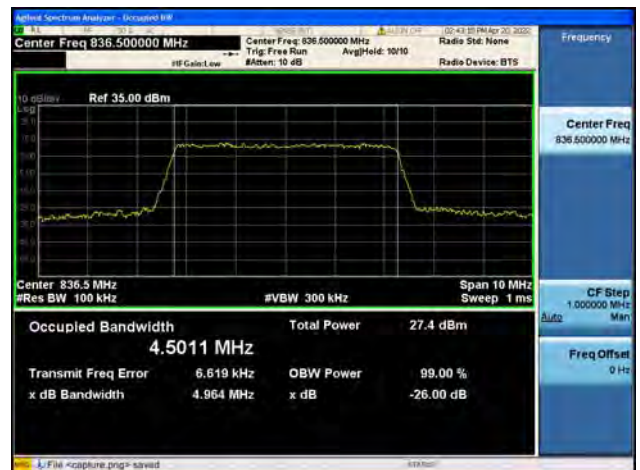
Band5 / 5MHz / Mid CH / QPSK



Band5 / 5MHz / Mid CH / 16QAM

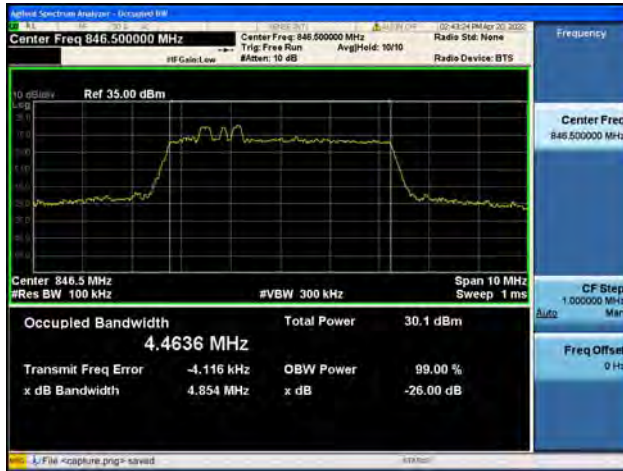


Band5 / 5MHz / Mid CH / 64QAM





Band5 / 5MHz / High CH / QPSK



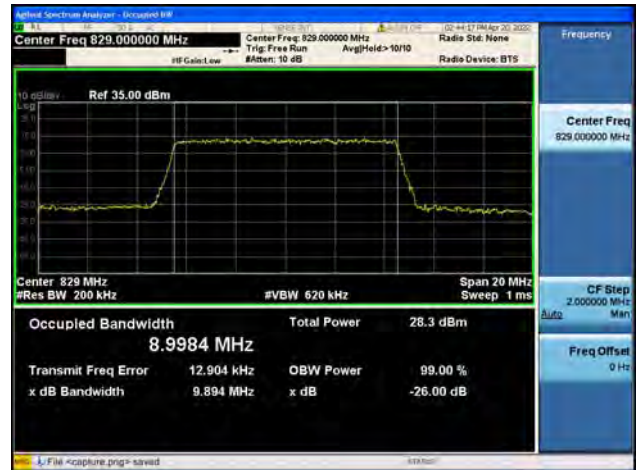
Band5 / 5MHz / High CH / 16QAM



Band5 / 5MHz / High CH / 64QAM



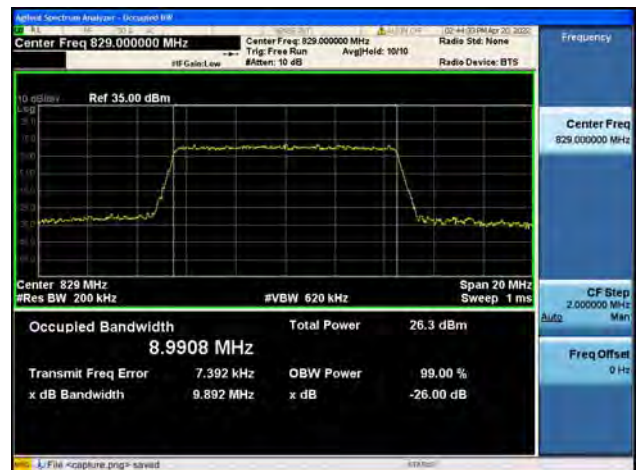
Band5 / 10MHz / Low CH / QPSK



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



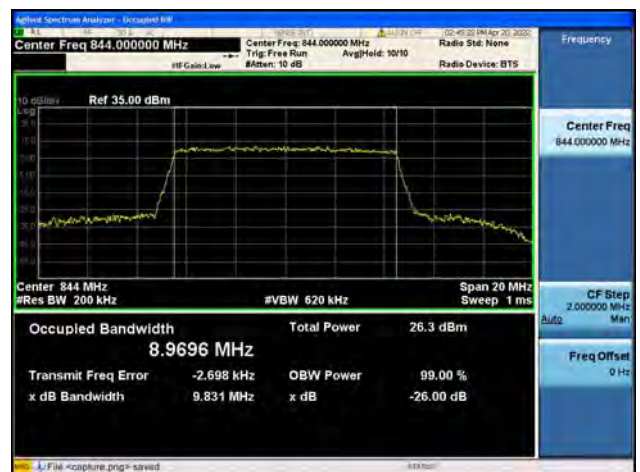
Band5 / 10MHz / High CH / QPSK



Band5 / 10MHz / High CH / 16QAM

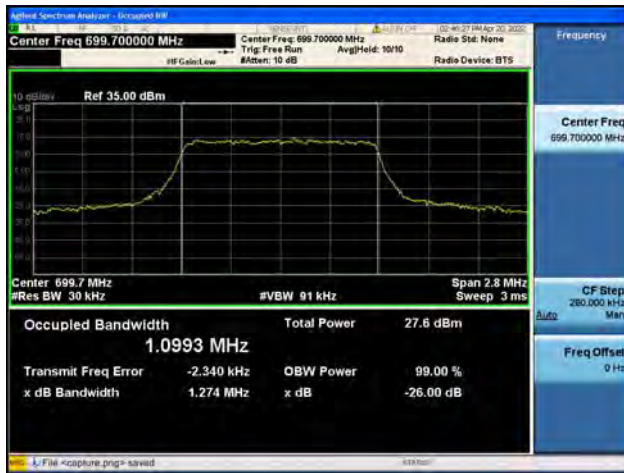


Band5 / 10MHz / High CH / 64QAM

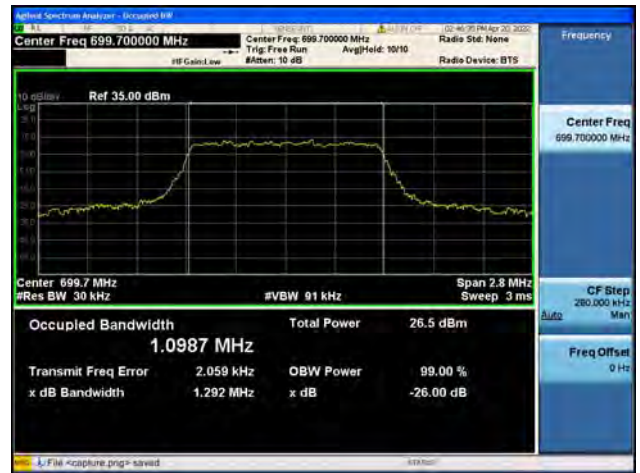




Band12 / 1.4MHz / Low CH / QPSK



Band12 / 1.4MHz / Low CH / 16QAM



Band12 / 1.4MHz / Low CH / 64QAM



Band12 / 1.4MHz / Mid CH / QPSK



Band12 / 1.4MHz / Mid CH / 16QAM

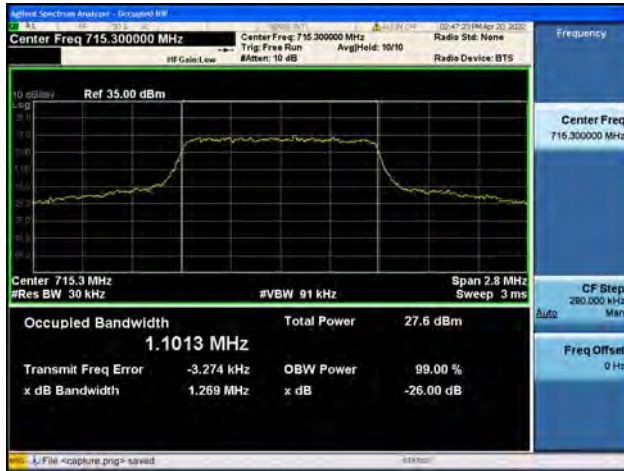


Band12 / 1.4MHz / Mid CH / 64QAM

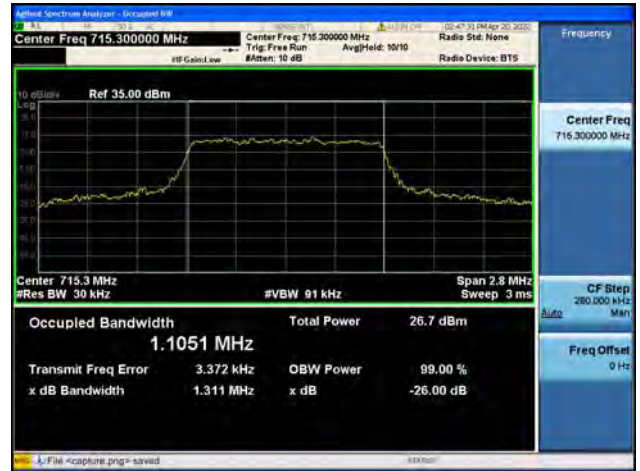




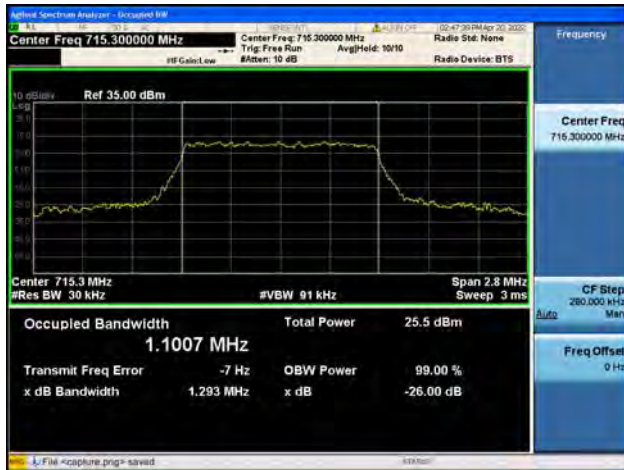
Band12 / 1.4MHz / High CH / QPSK



Band12 / 1.4MHz / High CH / 16QAM



Band12 / 1.4MHz / High CH / 64QAM



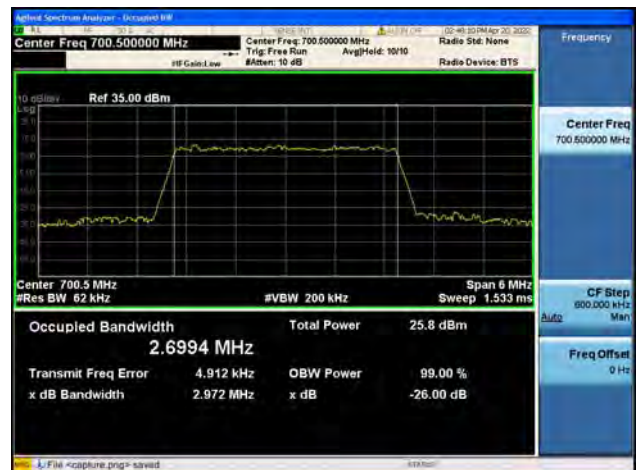
Band12 / 3MHz / Low CH / QPSK



Band12 / 3MHz / Low CH / 16QAM

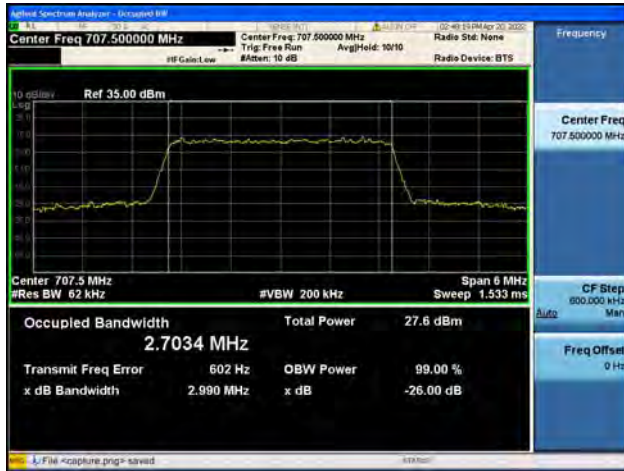


Band12 / 3MHz / Low CH / 64QAM





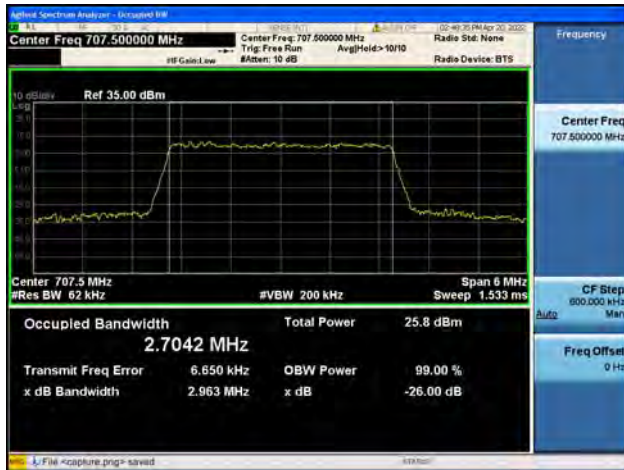
Band12 / 3MHz / Mid CH / QPSK



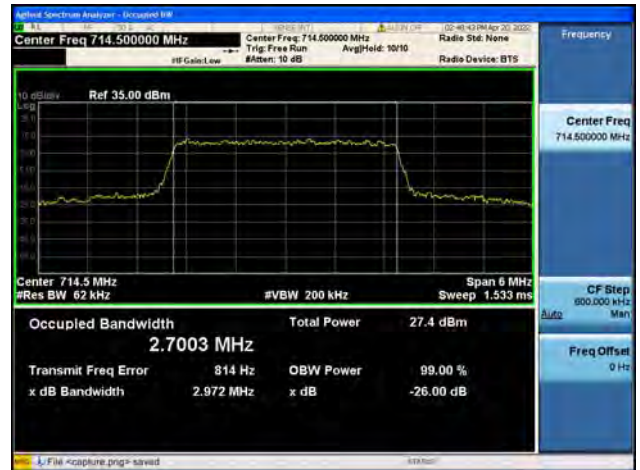
Band12 / 3MHz / Mid CH / 16QAM



Band12 / 3MHz / Mid CH / 64QAM



Band12 / 3MHz / High CH / QPSK



Band12 / 3MHz / High CH / 16QAM

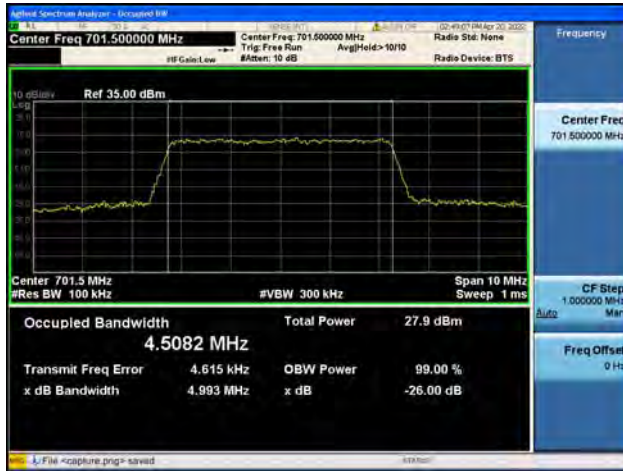


Band12 / 3MHz / High CH / 64QAM

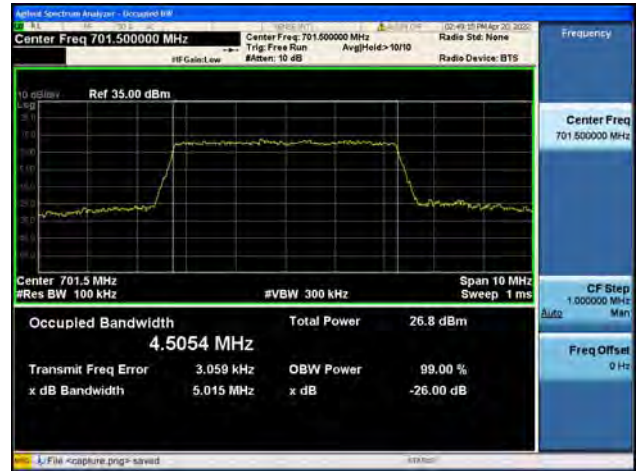




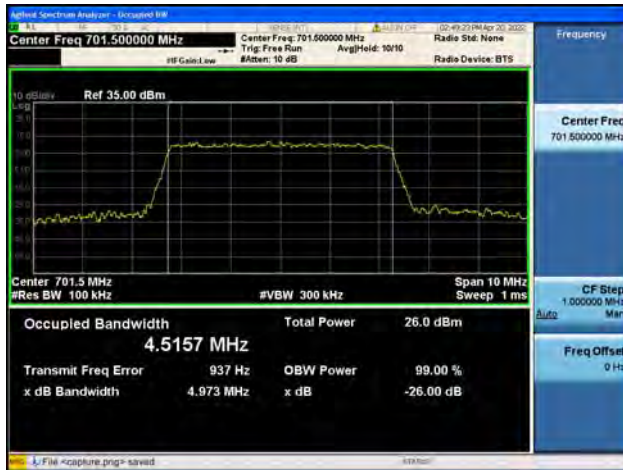
Band12 / 5MHz / Low CH / QPSK



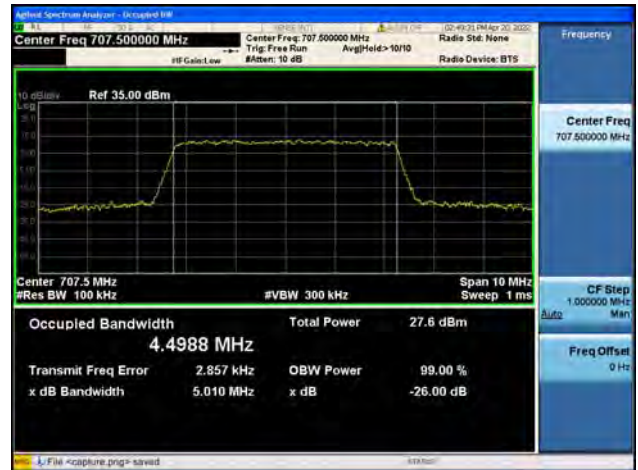
Band12 / 5MHz / Low CH / 16QAM



Band12 / 5MHz / Low CH / 64QAM



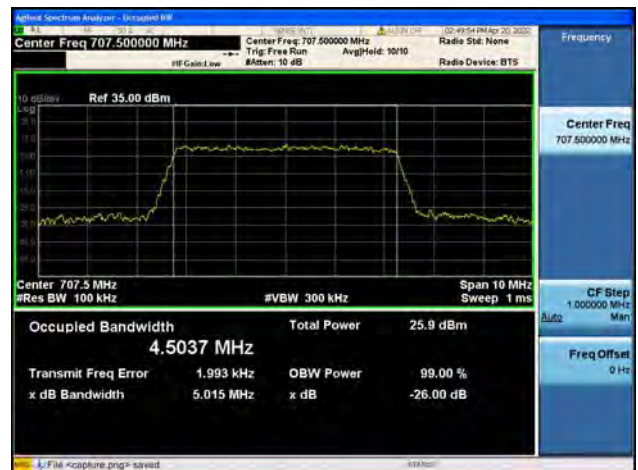
Band12 / 5MHz / Mid CH / QPSK



Band12 / 5MHz / Mid CH / 16QAM



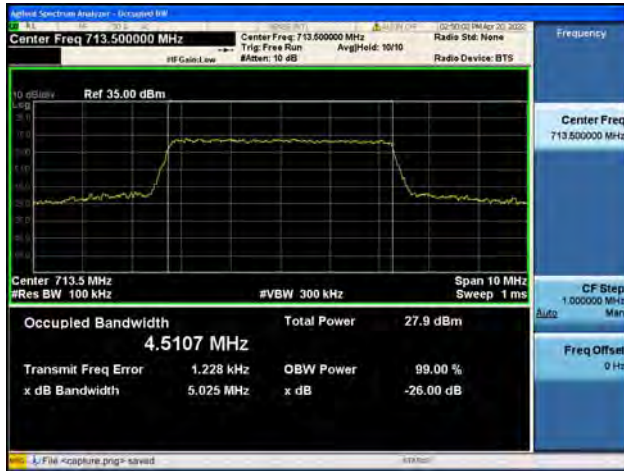
Band12 / 5MHz / Mid CH / 64QAM







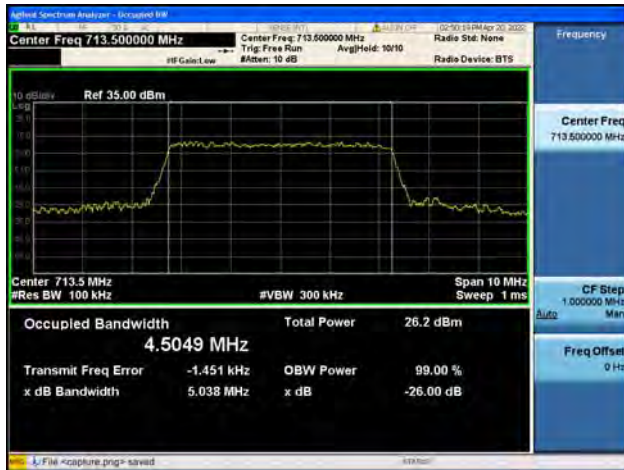
Band12 / 5MHz / High CH / QPSK



Band12 / 5MHz / High CH / 16QAM



Band12 / 5MHz / High CH / 64QAM



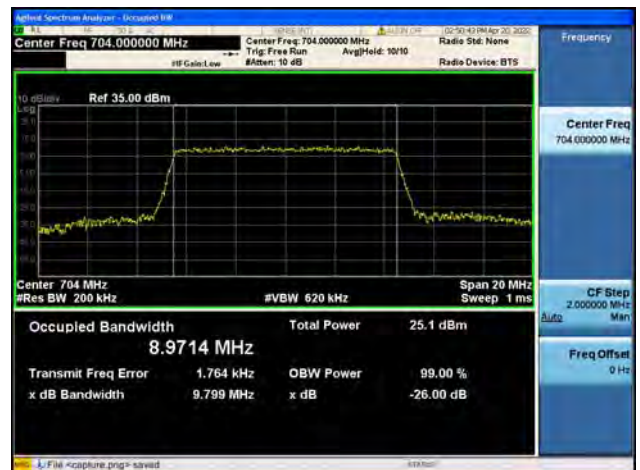
Band12 / 10MHz / Low CH / QPSK



Band12 / 10MHz / Low CH / 16QAM

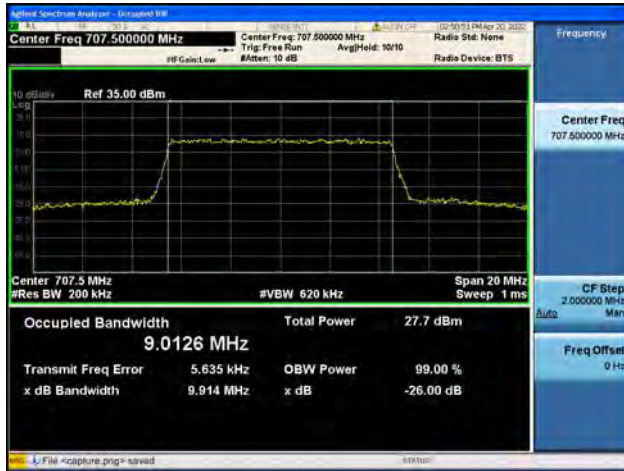


Band12 / 10MHz / Low CH / 64QAM





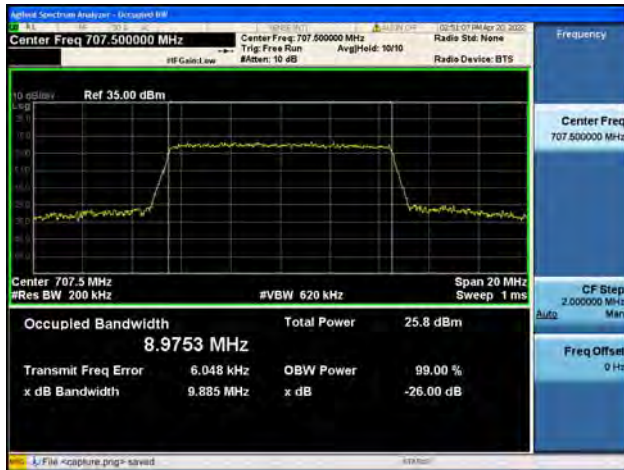
Band12 / 10MHz / Mid CH / QPSK



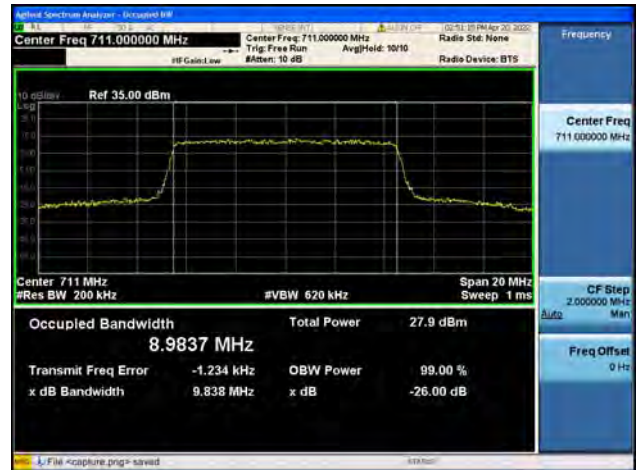
Band12 / 10MHz / Mid CH / 16QAM



Band12 / 10MHz / Mid CH / 64QAM



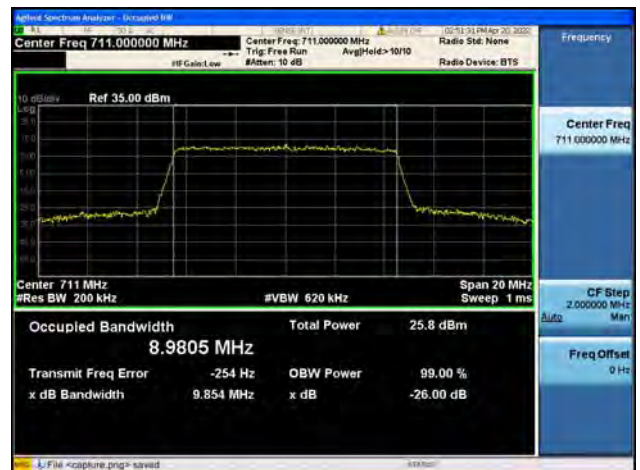
Band12 / 10MHz / High CH / QPSK



Band12 / 10MHz / High CH / 16QAM

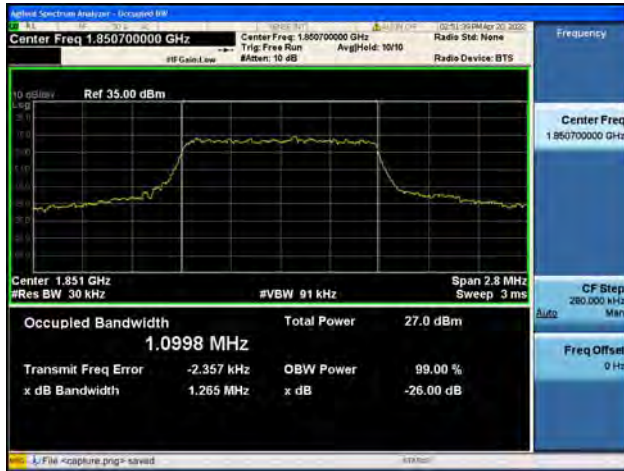


Band12 / 10MHz / High CH / 64QAM





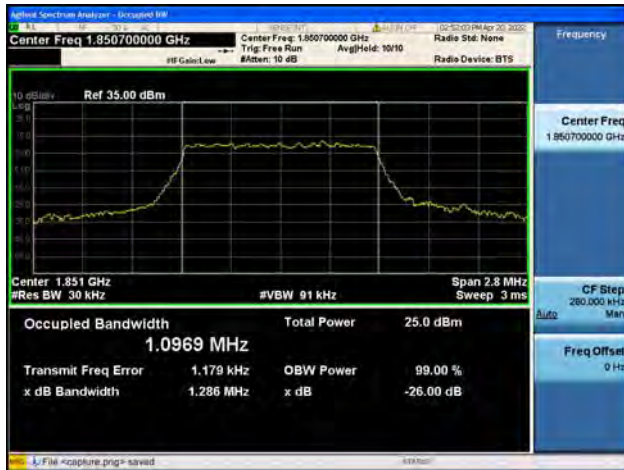
Band25 / 1.4MHz / Low CH / QPSK



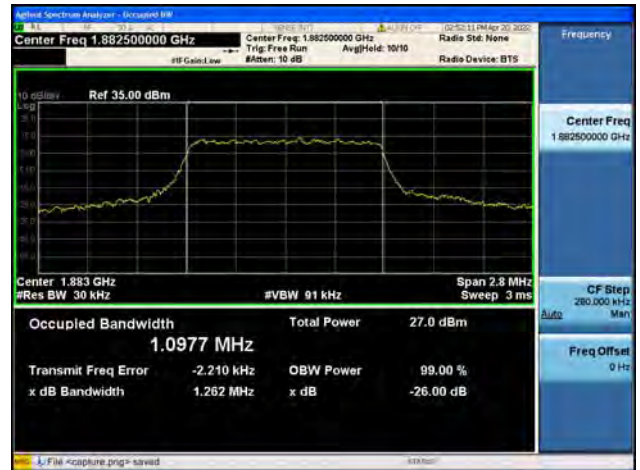
Band25 / 1.4MHz / Low CH / 16QAM



Band25 / 1.4MHz / Low CH / 64QAM



Band25 / 1.4MHz / Mid CH / QPSK



Band25 / 1.4MHz / Mid CH / 16QAM

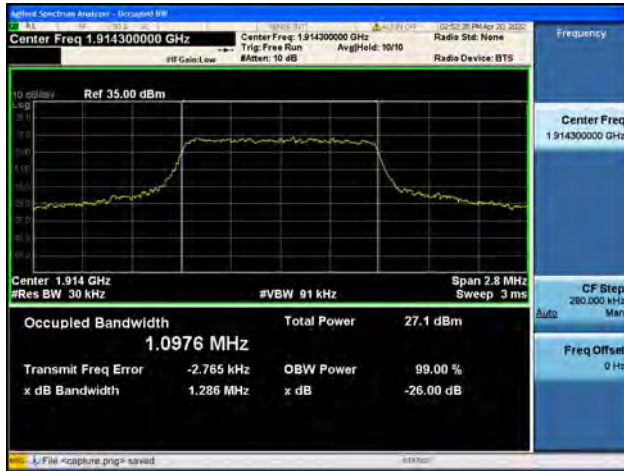


Band25 / 1.4MHz / Mid CH / 64QAM





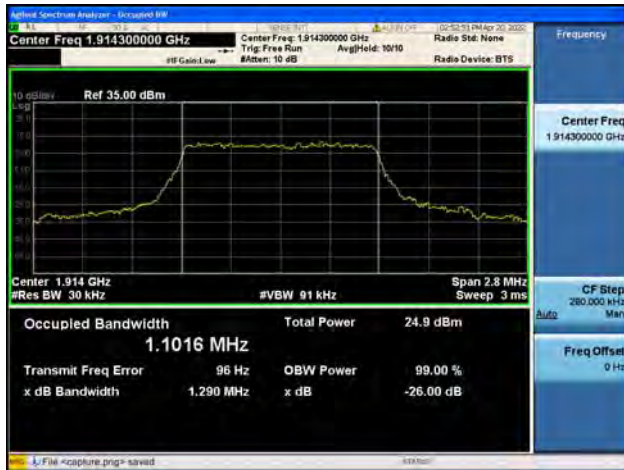
Band25 / 1.4MHz / High CH / QPSK



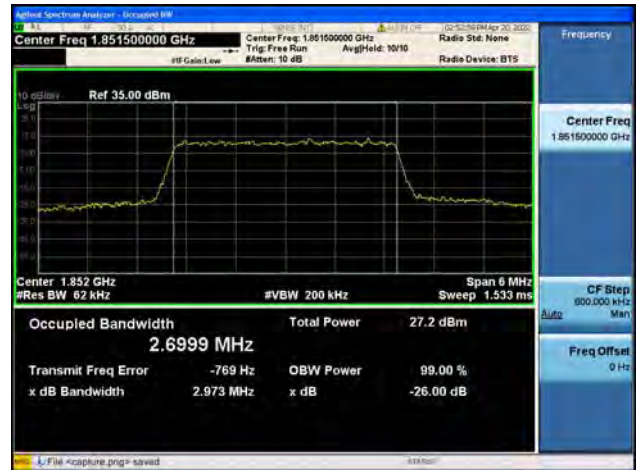
Band25 / 1.4MHz / High CH / 16QAM



Band25 / 1.4MHz / High CH / 64QAM



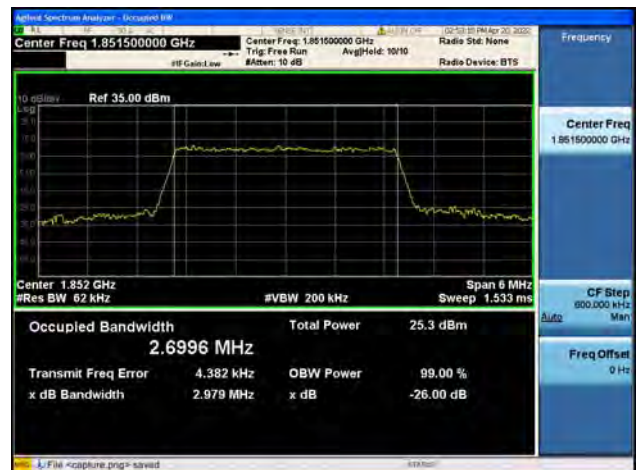
Band25 / 3MHz / Low CH / QPSK

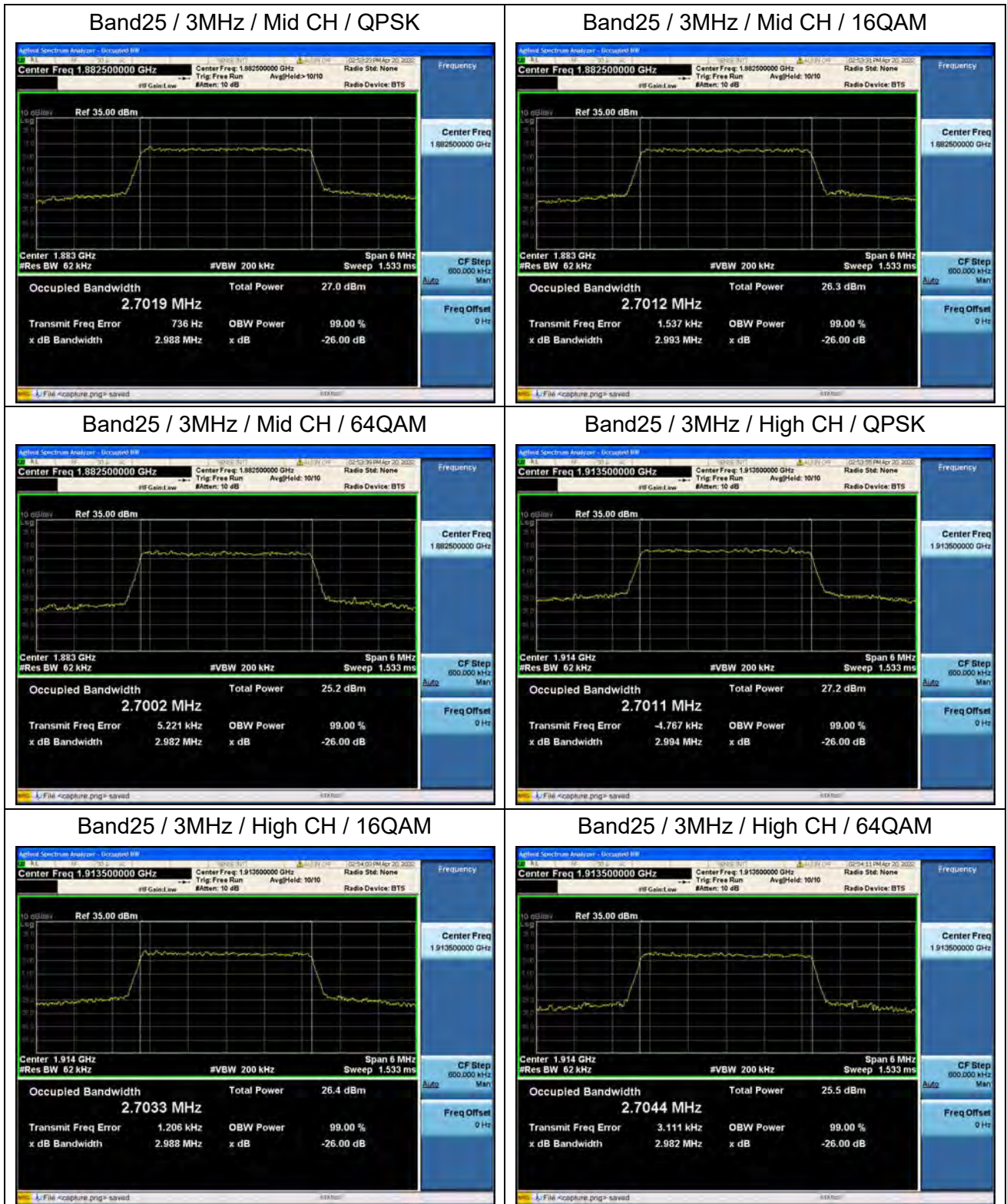


Band25 / 3MHz / Low CH / 16QAM



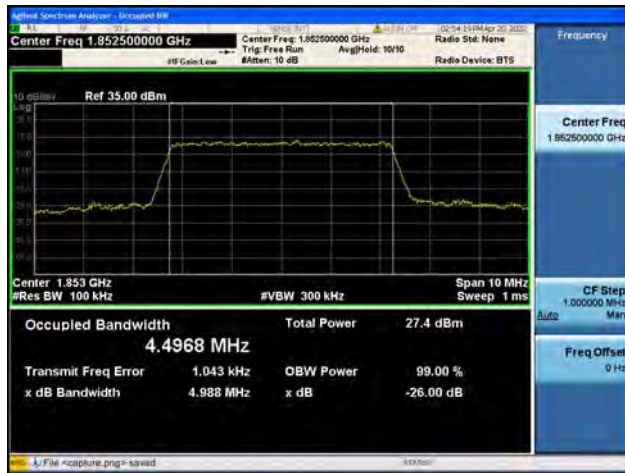
Band25 / 3MHz / Low CH / 64QAM



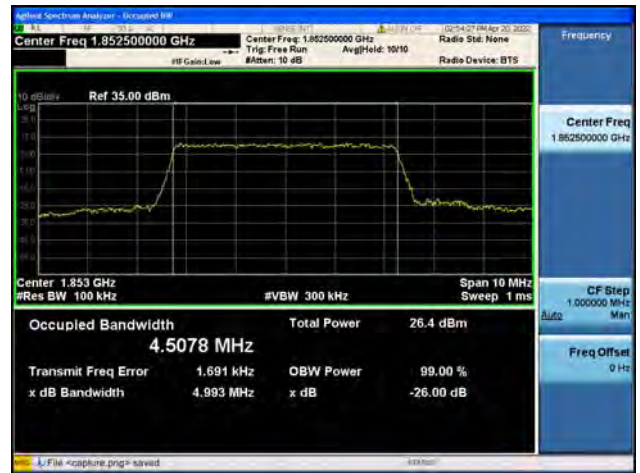




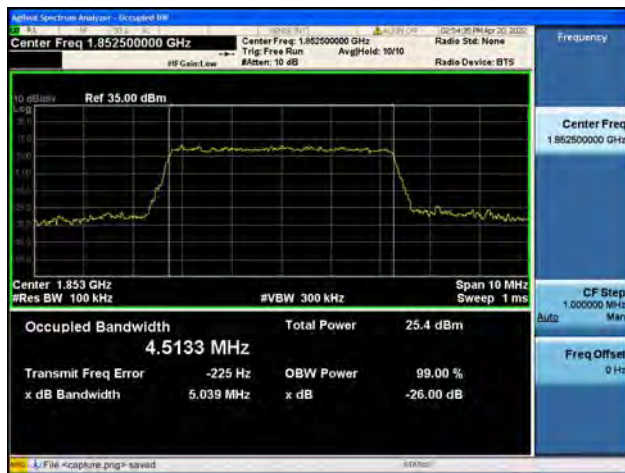
Band25 / 5MHz / Low CH / QPSK



Band25 / 5MHz / Low CH / 16QAM



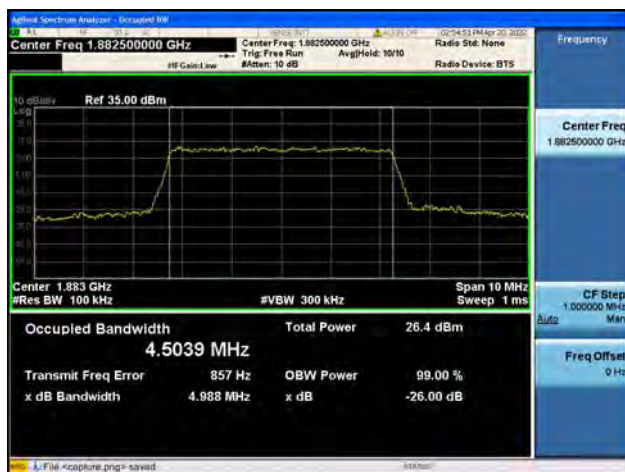
Band25 / 5MHz / Low CH / 64QAM



Band25 / 5MHz / Mid CH / QPSK



Band25 / 5MHz / Mid CH / 16QAM

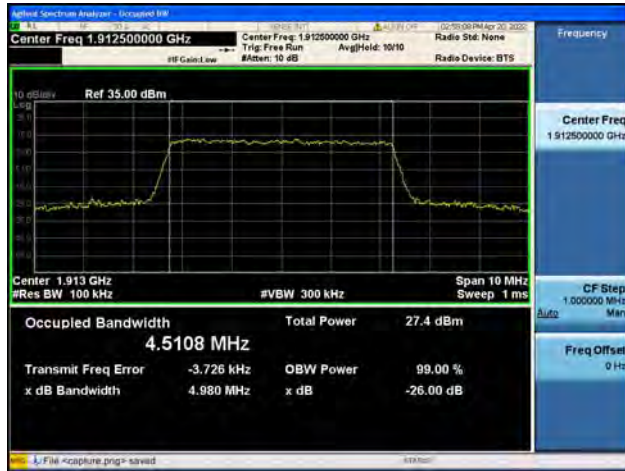


Band25 / 5MHz / Mid CH / 64QAM





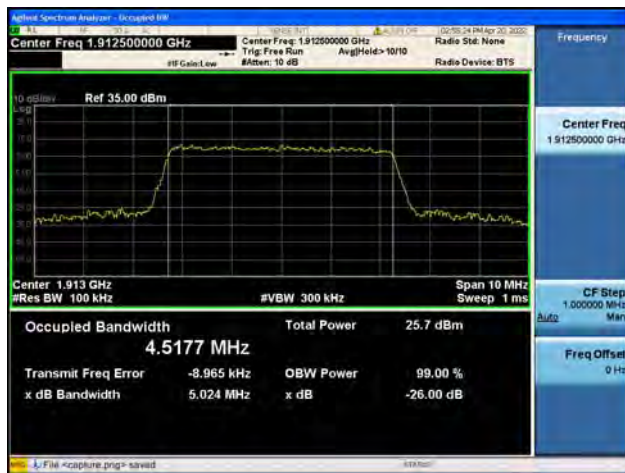
Band25 / 5MHz / High CH / QPSK



Band25 / 5MHz / High CH / 16QAM



Band25 / 5MHz / High CH / 64QAM



Band25 / 10MHz / Low CH / QPSK



Band25 / 10MHz / Low CH / 16QAM

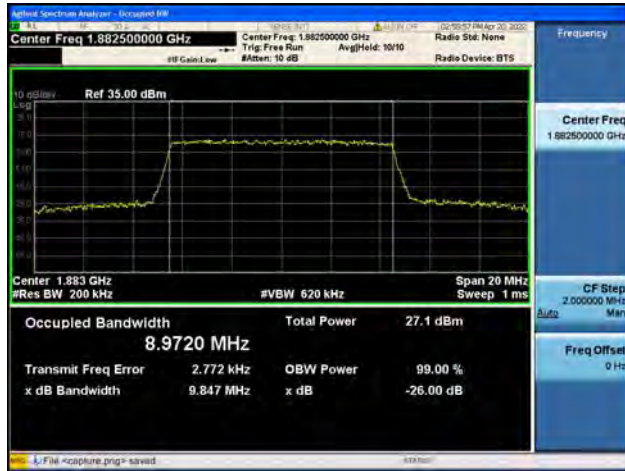


Band25 / 10MHz / Low CH / 64QAM





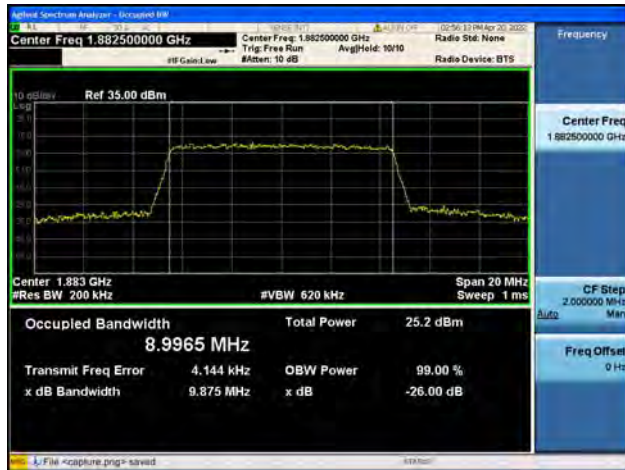
Band25 / 10MHz / Mid CH / QPSK



Band25 / 10MHz / Mid CH / 16QAM



Band25 / 10MHz / Mid CH / 64QAM



Band25 / 10MHz / High CH / QPSK



Band25 / 10MHz / High CH / 16QAM



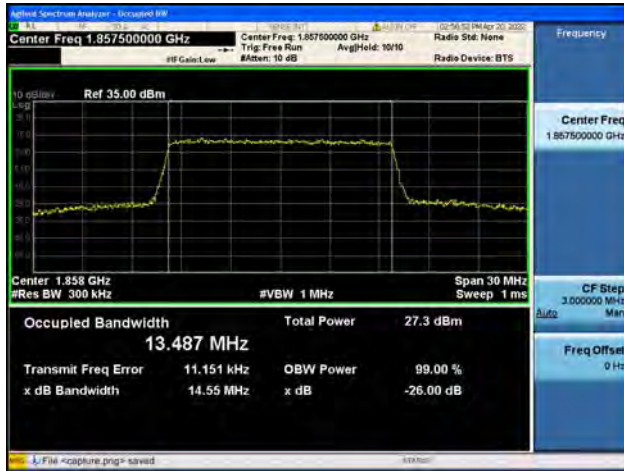
Band25 / 10MHz / High CH / 64QAM



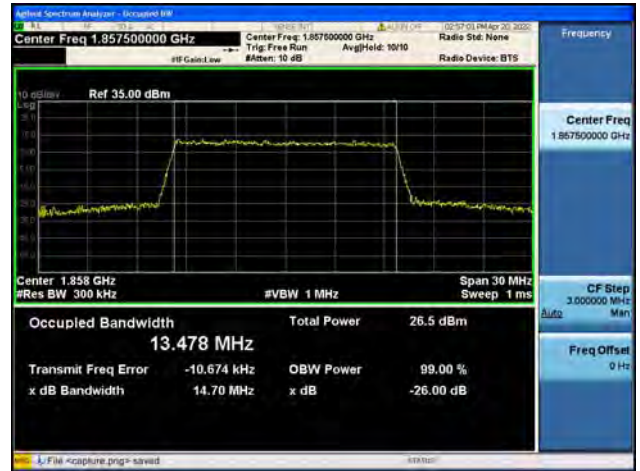




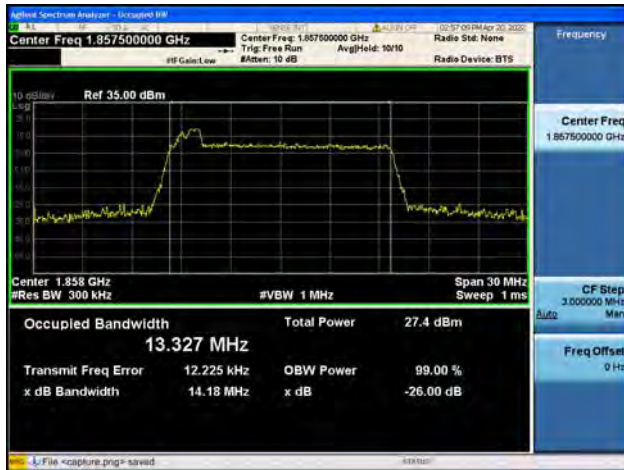
Band25 / 15MHz / Low CH / QPSK



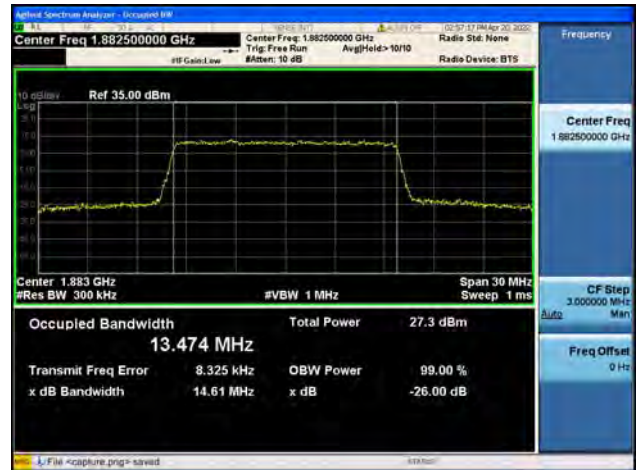
Band25 / 15MHz / Low CH / 16QAM



Band25 / 15MHz / Low CH / 64QAM



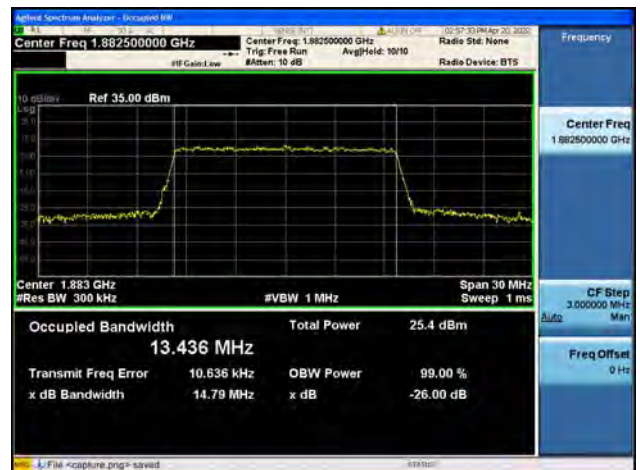
Band25 / 15MHz / Mid CH / QPSK



Band25 / 15MHz / Mid CH / 16QAM

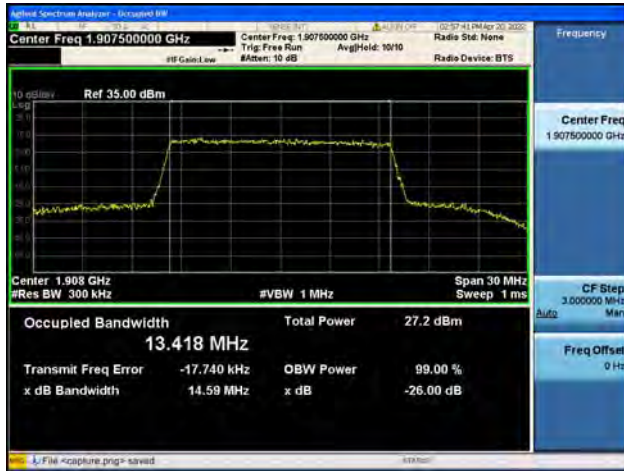


Band25 / 15MHz / Mid CH / 64QAM





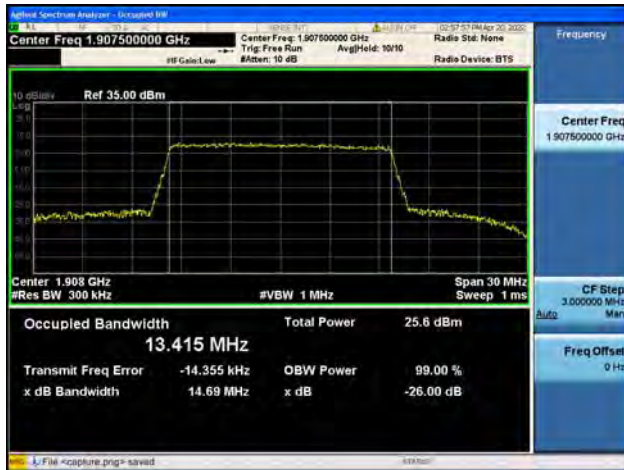
Band25 / 15MHz / High CH / QPSK



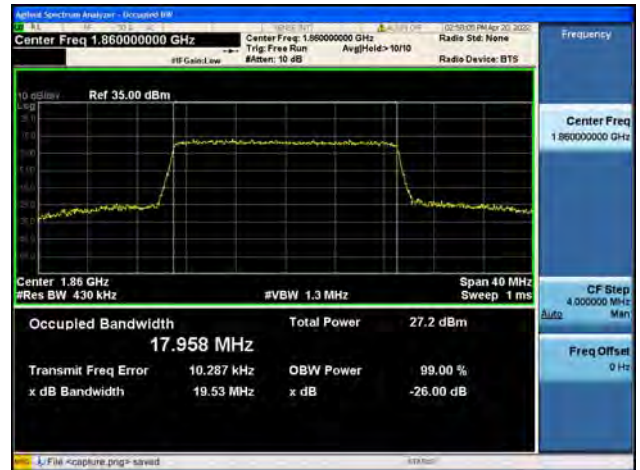
Band25 / 15MHz / High CH / 16QAM



Band25 / 15MHz / High CH / 64QAM



Band25 / 20MHz / Low CH / QPSK



Band25 / 20MHz / Low CH / 16QAM

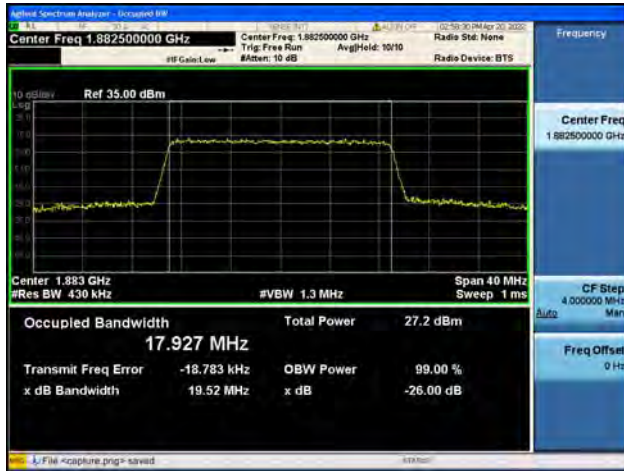


Band25 / 20MHz / Low CH / 64QAM

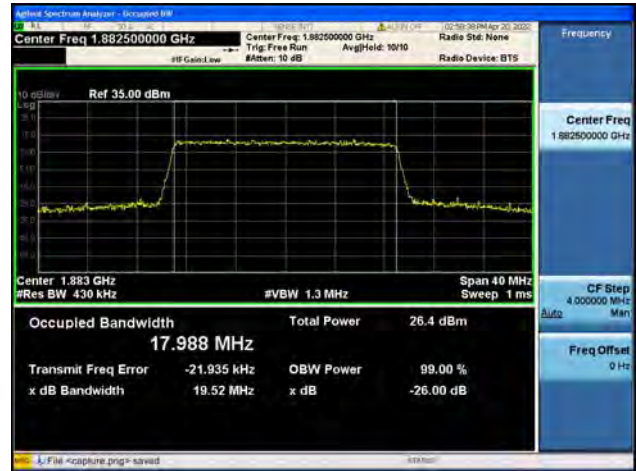




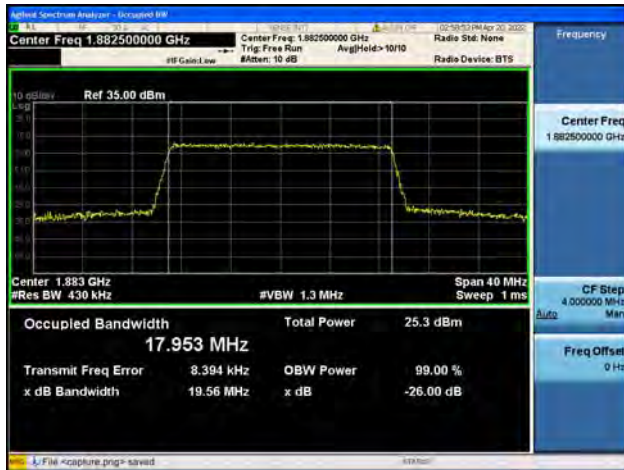
Band25 / 20MHz / Mid CH / QPSK



Band25 / 20MHz / Mid CH / 16QAM



Band25 / 20MHz / Mid CH / 64QAM



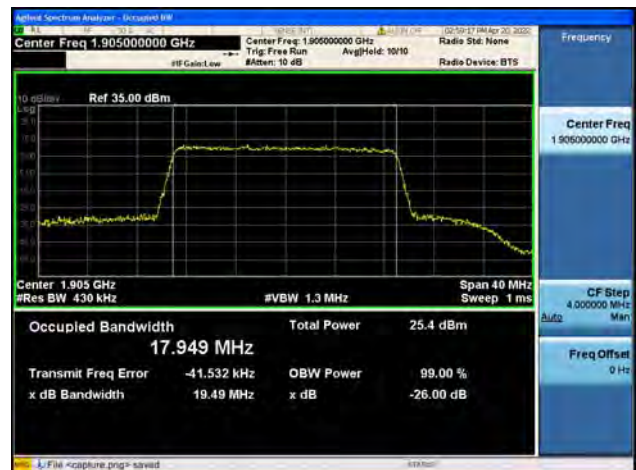
Band25 / 20MHz / High CH / QPSK



Band25 / 20MHz / High CH / 16QAM

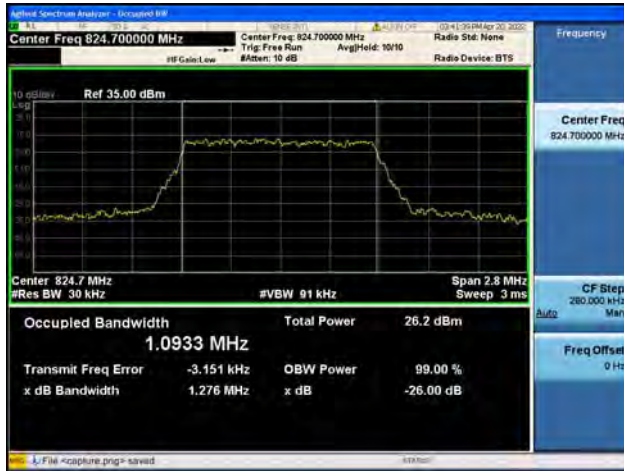


Band25 / 20MHz / High CH / 64QAM

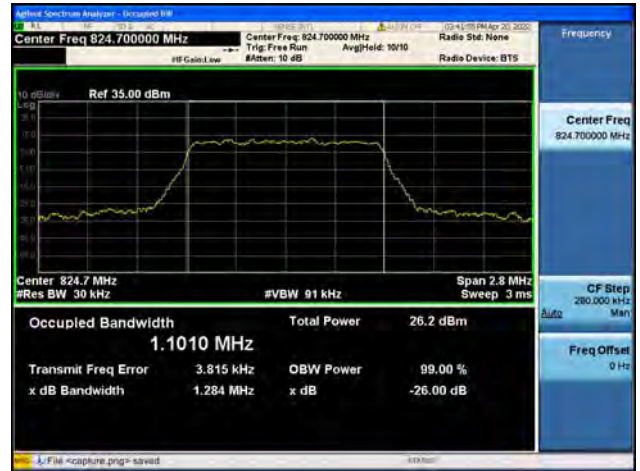




Band26Part22 / 1.4MHz / Low CH / QPSK



Band26Part22 / 1.4MHz / Low CH / 16QAM



Band26Part22 / 1.4MHz / Low CH / 64QAM



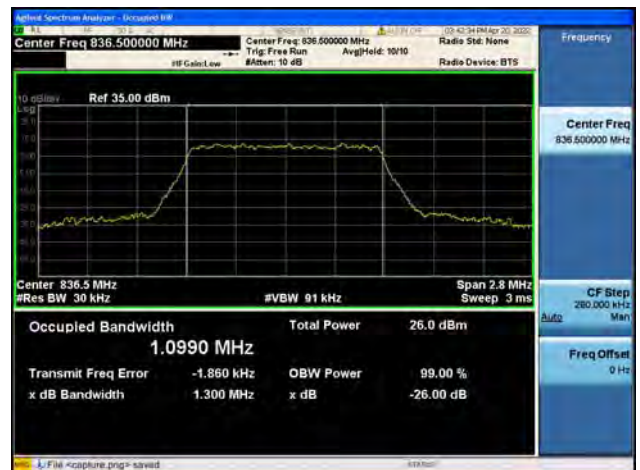
Band26Part22 / 1.4MHz / Mid CH / QPSK



Band26Part22 / 1.4MHz / Mid CH / 16QAM



Band26Part22 / 1.4MHz / Mid CH / 64QAM

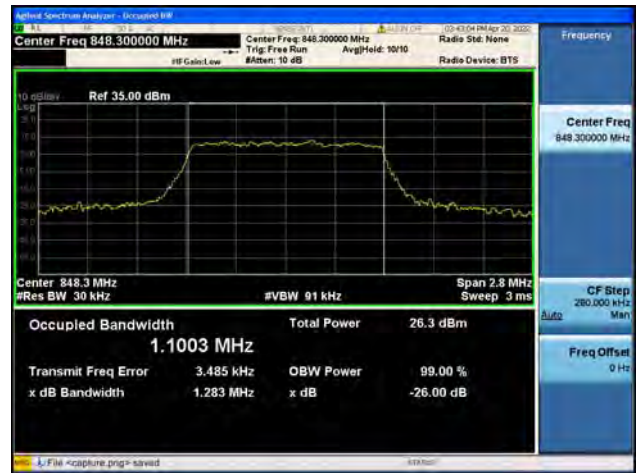




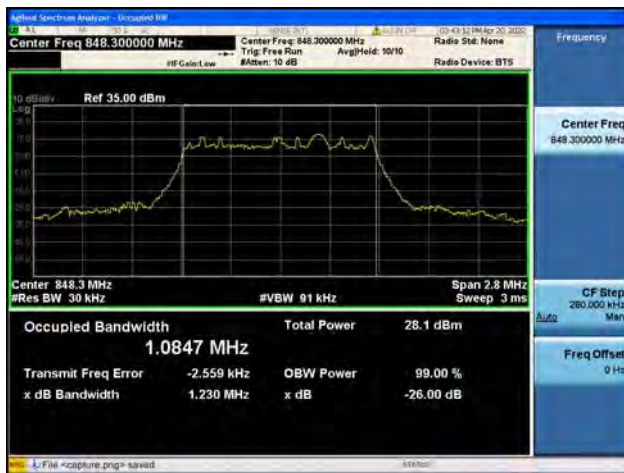
Band26Part22 / 1.4MHz / High CH / QPSK



Band26Part22 / 1.4MHz / High CH / 16QAM



Band26Part22 / 1.4MHz / High CH / 64QAM



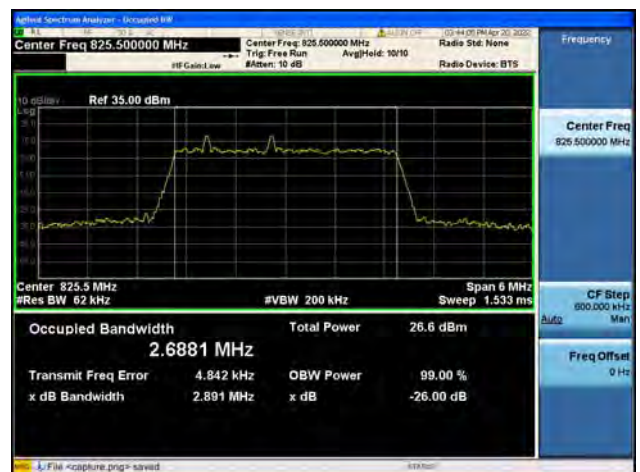
Band26Part22 / 3MHz / Low CH / QPSK



Band26Part22 / 3MHz / Low CH / 16QAM



Band26Part22 / 3MHz / Low CH / 64QAM





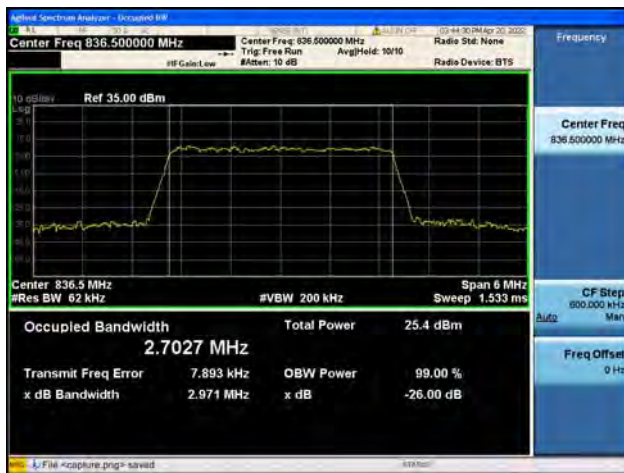
Band26Part22 / 3MHz / Mid CH / QPSK



Band26Part22 / 3MHz / Mid CH / 16QAM



Band26Part22 / 3MHz / Mid CH / 64QAM



Band26Part22 / 3MHz / High CH / QPSK



Band26Part22 / 3MHz / High CH / 16QAM

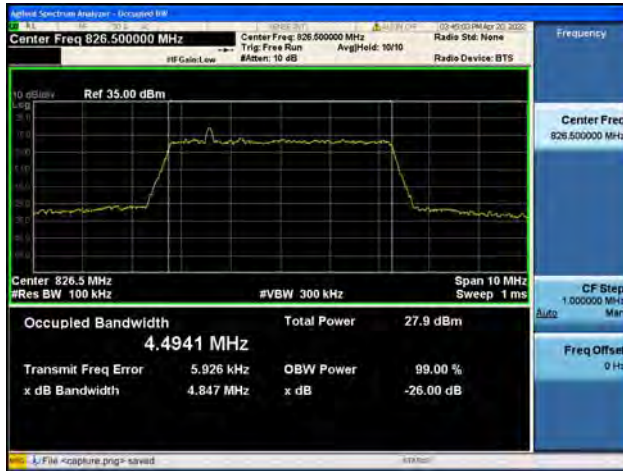


Band26Part22 / 3MHz / High CH / 64QAM





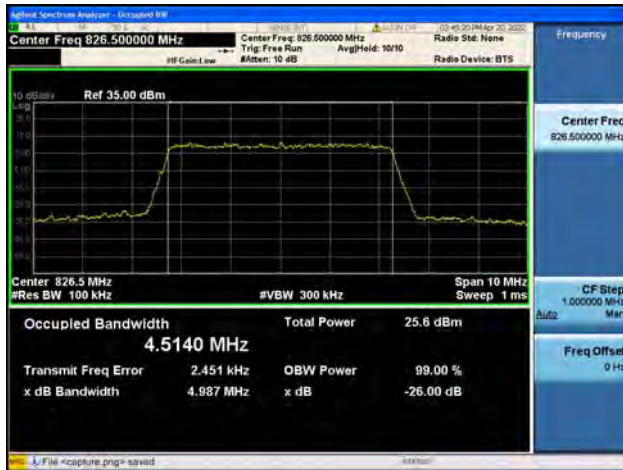
Band26Part22 / 5MHz / Low CH / QPSK



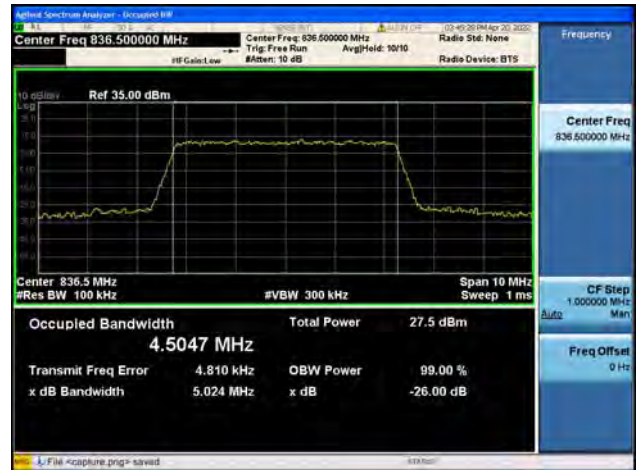
Band26Part22 / 5MHz / Low CH / 16QAM



Band26Part22 / 5MHz / Low CH / 64QAM



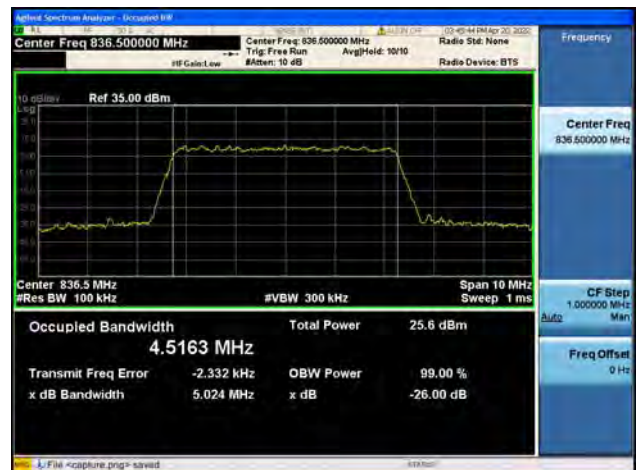
Band26Part22 / 5MHz / Mid CH / QPSK



Band26Part22 / 5MHz / Mid CH / 16QAM



Band26Part22 / 5MHz / Mid CH / 64QAM





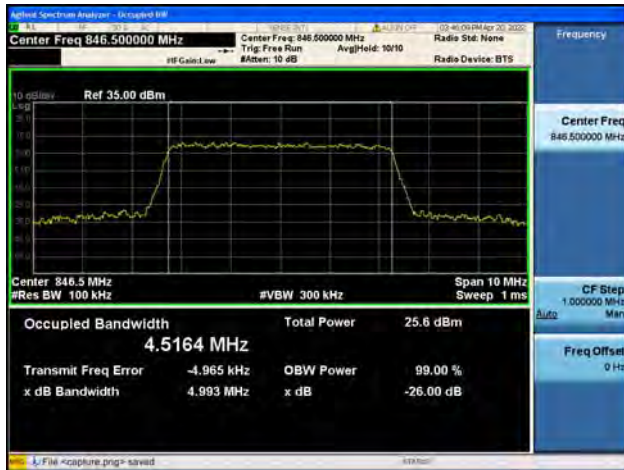
Band26Part22 / 5MHz / High CH / QPSK



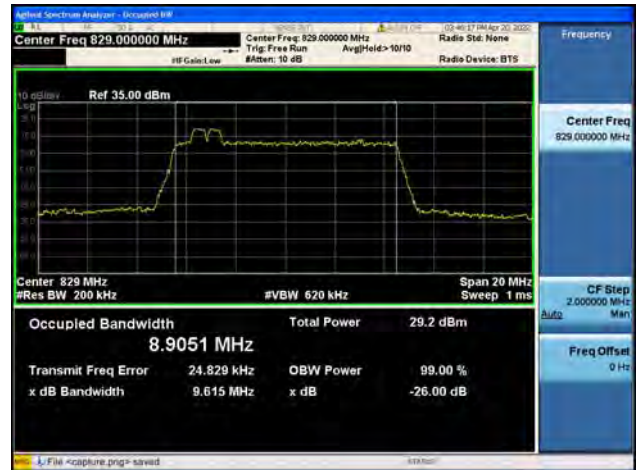
Band26Part22 / 5MHz / High CH / 16QAM



Band26Part22 / 5MHz / High CH / 64QAM



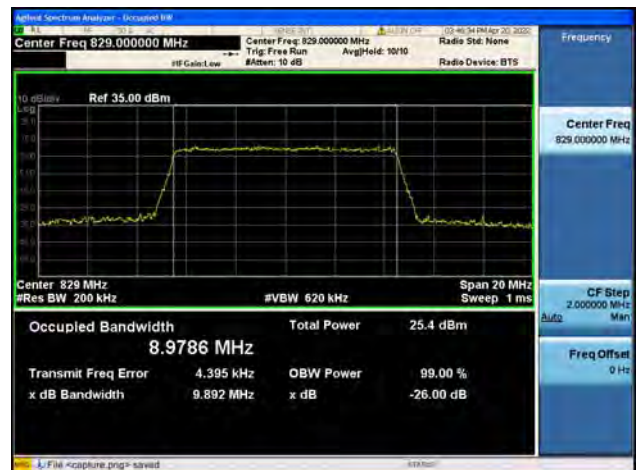
Band26Part22 / 10MHz / Low CH / QPSK



Band26Part22 / 10MHz / Low CH / 16QAM



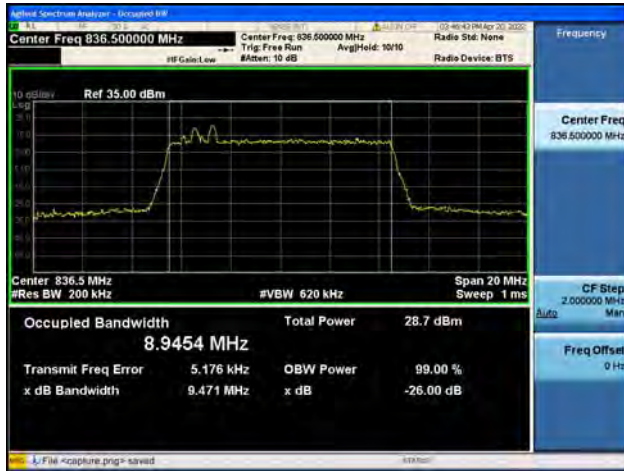
Band26Part22 / 10MHz / Low CH / 64QAM



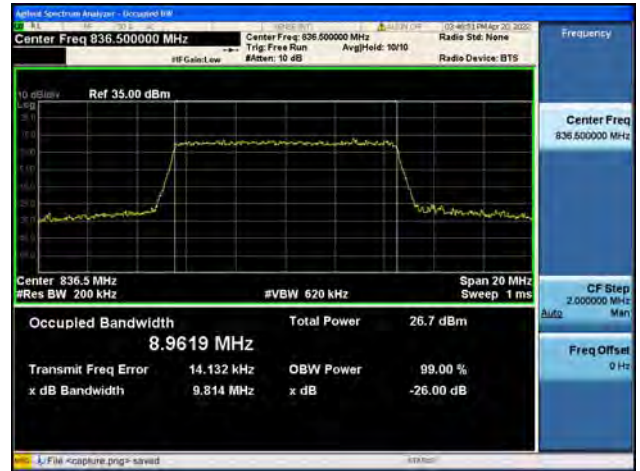




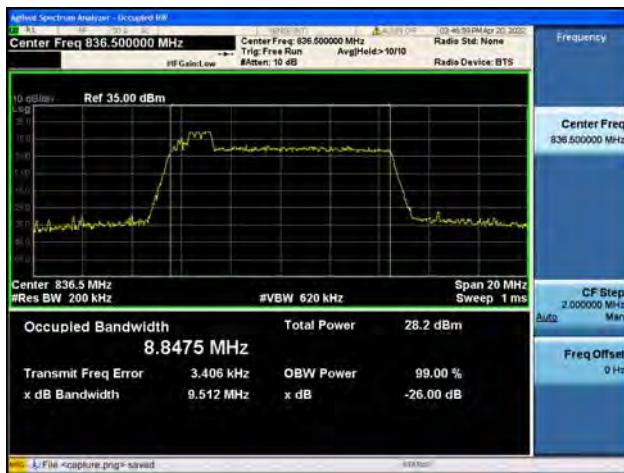
Band26Part22 / 10MHz / Mid CH / QPSK



Band26Part22 / 10MHz / Mid CH / 16QAM



Band26Part22 / 10MHz / Mid CH / 64QAM



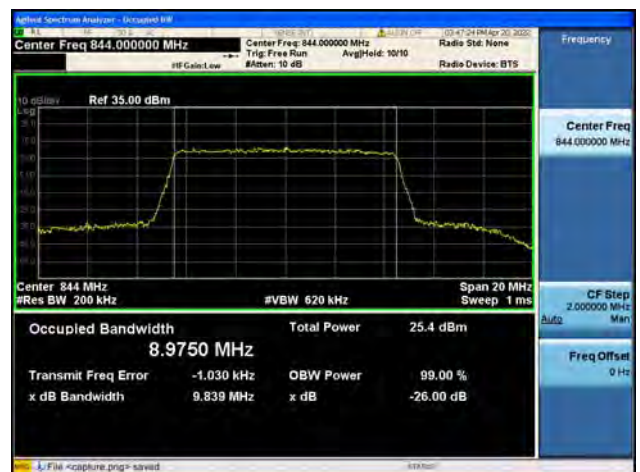
Band26Part22 / 10MHz / High CH / QPSK



Band26Part22 / 10MHz / High CH / 16QAM



Band26Part22 / 10MHz / High CH / 64QAM

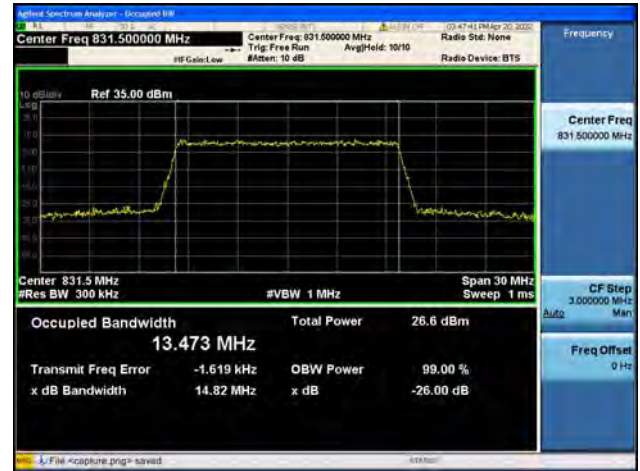




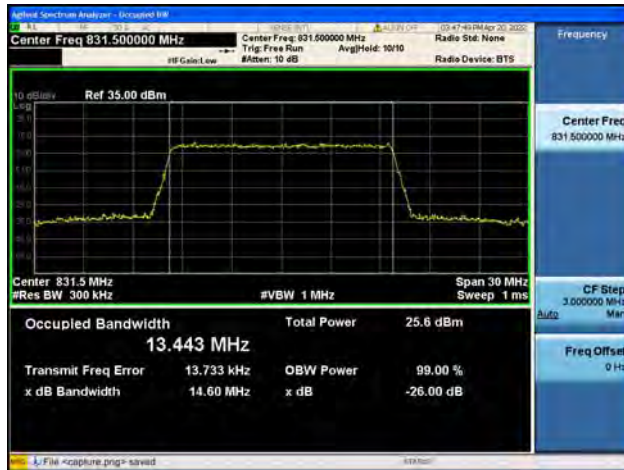
Band26Part22 / 15MHz / Low CH / QPSK



Band26Part22 / 15MHz / Low CH / 16QAM



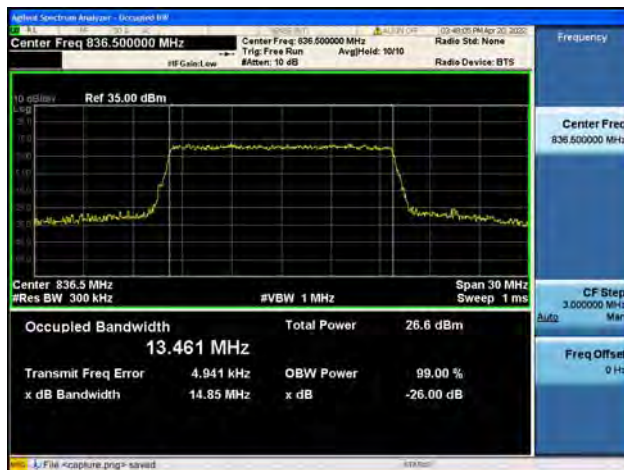
Band26Part22 / 15MHz / Low CH / 64QAM



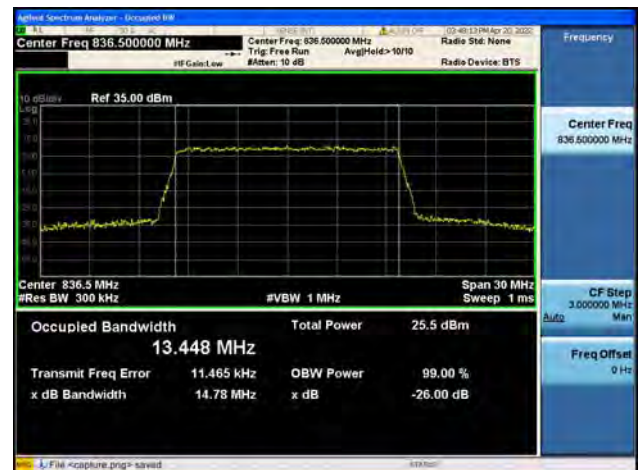
Band26Part22 / 15MHz / Mid CH / QPSK



Band26Part22 / 15MHz / Mid CH / 16QAM

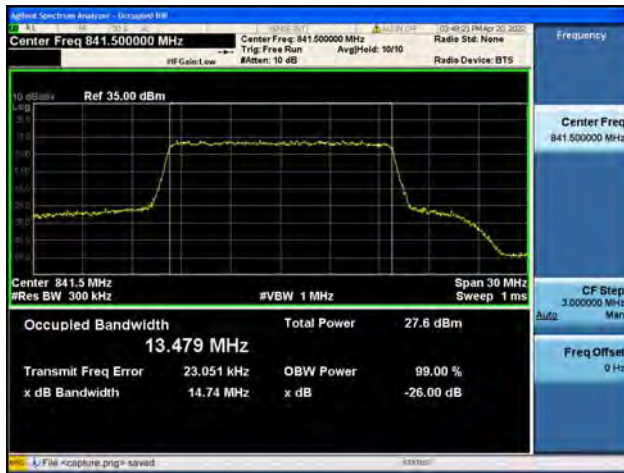


Band26Part22 / 15MHz / Mid CH / 64QAM

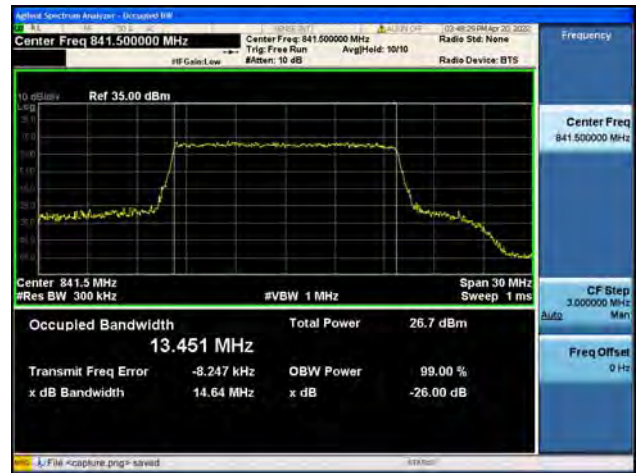




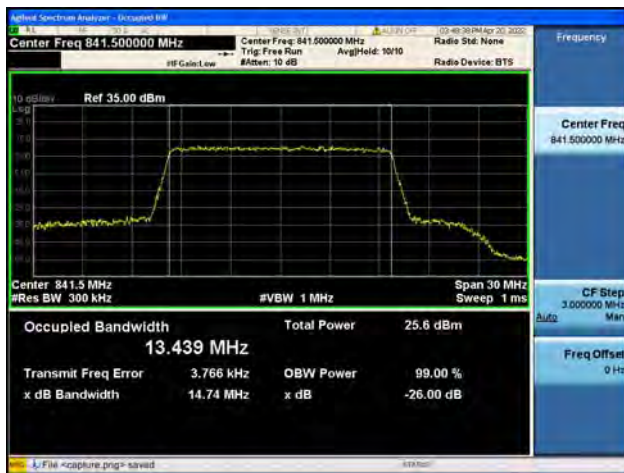
Band26Part22 / 15MHz / High CH / QPSK



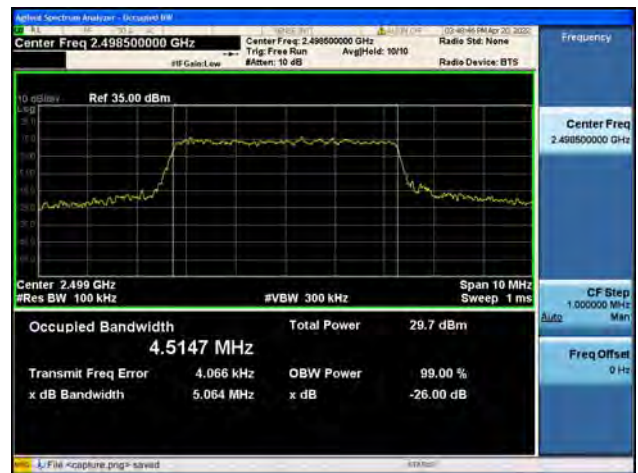
Band26Part22 / 15MHz / High CH / 16QAM



Band26Part22 / 15MHz / High CH / 64QAM



Band41 / 5MHz / Low CH / QPSK



Band41 / 5MHz / Low CH / 16QAM

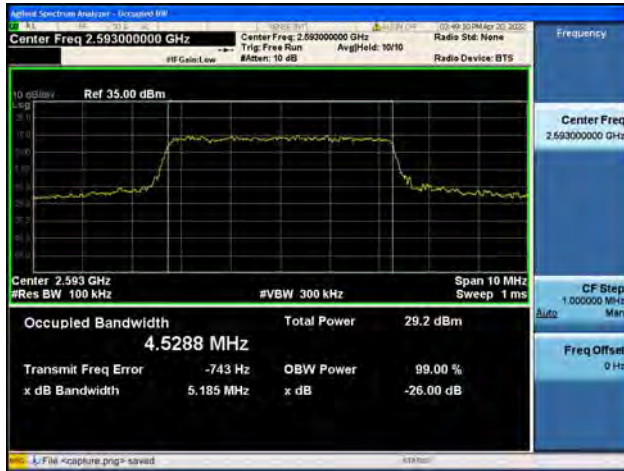


Band41 / 5MHz / Low CH / 64QAM

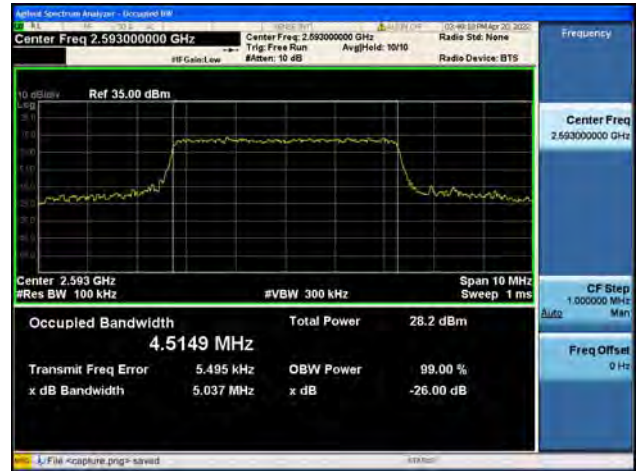




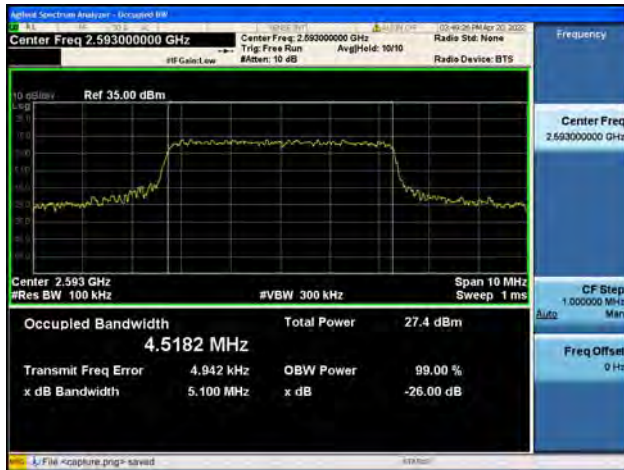
Band41 / 5MHz / Mid CH / QPSK



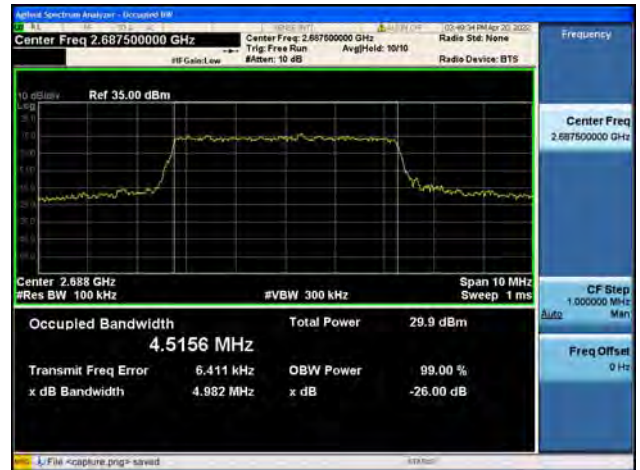
Band41 / 5MHz / Mid CH / 16QAM



Band41 / 5MHz / Mid CH / 64QAM



Band41 / 5MHz / High CH / QPSK



Band41 / 5MHz / High CH / 16QAM



Band41 / 5MHz / High CH / 64QAM

