



# TEST REPORT

**APPLICANT** : BLU Products, Inc.

**PRODUCT NAME** : Smart Phone

**MODEL NAME** : G64L

**BRAND NAME** : BLU

**FCC ID** : YHLBLU64H

**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

**RECEIPT DATE** : 2024-05-29

**TEST DATE** : 2024-06-03 to 2024-07-04

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Change History		
Version	Date	Reason for change
1.0	2024-07-22	First edition



# 1. Technical Information

**Note:** Provide by applicant.

## 1.1. Applicant and Manufacturer Information

<b>Applicant:</b>	BLU Products, Inc.
<b>Applicant Address:</b>	8600 NW 36th Street, Suite #300 Miami, FL 33166, USA
<b>Manufacturer:</b>	BLU Products, Inc.
<b>Manufacturer Address:</b>	8600 NW 36th Street, Suite #300 Miami, FL 33166, USA

## 1.2. Equipment Under Test (EUT) Description

<b>Product Name:</b>	Smart Phone	
<b>Sample No.:</b>	7#	
<b>Hardware Version:</b>	SC6002LU-A	
<b>Software Version:</b>	BLU_G0990_V14.0.03.01_GENERIC 26-06-2024	
<b>Modulation Type:</b>	QPSK, 16QAM	
<b>Operation Band:</b>	Band 2 / 4 / 5 / 7 / 12 / 17 / 66 / 71	
<b>Frequency Range:</b>	LTE Band 2	Tx: 1850MHz–1910MHz
		Rx: 1930MHz–1990MHz
	LTE Band 4	Tx: 1710MHz–1755MHz
		Rx: 2110MHz–2155MHz
	LTE Band 5	Tx: 824MHz–849MHz
		Rx: 869MHz–894MHz
	LTE Band 7	Tx: 2500MHz–2570MHz
		Rx: 2620MHz–2690MHz
	LTE Band 12	Tx: 699MHz–716MHz
		Rx: 729MHz–746MHz
	LTE Band 17	Tx: 704MHz–716MHz
		Rx: 734MHz–746MHz
	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 7	5 MHz, 10MHz, 15MHz, 20MHz
	LTE Band 12	1.4MHz, 3 MHz, 5 MHz, 10MHz
	LTE Band 17	5 MHz, 10MHz
	LTE Band 66	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
	LTE Band 71	5MHz, 10MHz, 15MHz, 20MHz
<b>Antenna Type:</b>	PIFA Antenna	
<b>Antenna Gain:</b>	LTE Band 2	0.81dBi
	LTE Band 4	0.92dBi
	LTE Band 5	-2.63dBi
	LTE Band 7	1.12dBi
	LTE Band 12	-1.42dBi
	LTE Band 17	-1.42dBi
	LTE Band 66	0.92dBi
	LTE Band 71	-4.30dBi
<b>Accessory Information:</b>	Battery	
	Brand Name:	BLU
	Model No.:	C806051500P
	Serial No.:	N/A
	Capacity:	5000mAh
	Rated Voltage:	3.87V
	Charge Limit:	4.45V
	Manufacturer:	Shenzhen jiujiyuan electronic technology Co.,Ltd
	AC Adapter	
	Brand Name:	BLU
	Model No.:	US-HY-2000
	Serial No.:	N/A
	Rated Output:	5V=2000mA
	Rated Input:	100-240V~50/60Hz, 0.3A
	Manufacturer:	Shenzhen Zhongfu core Technology Co., LTD

**Note 1:** 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	QPSK	16QAM	
20	0.176	0.138	17M9G7D	17M9W7D	
15	0.175	0.137	13M4G7D	13M4W7D	
10	0.173	0.137	8M96G7D	8M94W7D	
5	0.174	0.136	4M47G7D	4M47W7D	
3	0.173	0.136	2M72G7D	2M71W7D	
1.4	0.175	0.136	1M10G7D	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	QPSK	16QAM	
20	0.174	0.142	17M9G7D	17M9W7D	
15	0.173	0.141	13M5G7D	13M4W7D	
10	0.173	0.140	8M96G7D	8M93W7D	
5	0.172	0.140	4M47G7D	4M48W7D	
3	0.172	0.141	2M72G7D	2M72W7D	
1.4	0.174	0.141	1M10G7D	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	QPSK	16QAM	
10	0.077	0.063	8M95G7D	8M93W7D	
5	0.076	0.063	4M47G7D	4M47W7D	
3	0.077	0.062	2M72G7D	2M72W7D	
1.4	0.076	0.062	1M10G7D	1M10W7D	
<b>LTE Band 7</b>		<b>Maximum E.R.P./E.I.R.P. (W)</b>		<b>Emission Designator (99%OBW)</b>	
BW(MHz)	QPSK	16QAM	QPSK	16QAM	
20	0.080	0.066	17M9G7D	17M9W7D	
15	0.081	0.065	13M5G7D	13M4W7D	
10	0.080	0.065	8M97G7D	8M94W7D	
5	0.079	0.066	4M47G7D	4M48W7D	
<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	QPSK	16QAM	
10	0.101	0.080	8M96G7D	8M95W7D	
5	0.100	0.079	4M47G7D	4M47W7D	
3	0.101	0.079	2M72G7D	2M72W7D	
1.4	0.100	0.080	1M10G7D	1M10W7D	



<b>LTE Band 17</b>		<b>Maximum E.R.P./E.I.R.P. (W)</b>		<b>Emission Designator (99%OBW)</b>	
BW(MHz)		QPSK	16QAM	QPSK	16QAM
10		0.100	0.079	8M95G7D	8M94W7D
5		0.099	0.078	4M48G7D	4M47W7D
<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	QPSK	16QAM
20		0.176	0.142	17M9G7D	17M9W7D
15		0.174	0.140	13M4G7D	13M4W7D
10		0.173	0.140	8M97G7D	8M94W7D
5		0.173	0.141	4M47G7D	4M47W7D
3		0.173	0.142	2M72G7D	2M71W7D
1.4		0.173	0.141	1M10G7D	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	QPSK	16QAM
20		0.051	0.040	17M9G7D	17M9W7D
15		0.051	0.040	13M4G7D	13M4W7D
10		0.051	0.039	8M96G7D	8M95W7D
5		0.050	0.039	4M47G7D	4M47W7D



## 1.4. Test Standards and Results

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

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

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

Section	Description	Test Date	Test Engineer	Result	Method Determination /Remark
2.1046 22.913(a)(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.	May 06, 2024	Zheng Jianhua Gan Jing	PASS	No deviation
2.1049	Occupied Bandwidth	Jun. 12, 2024	Gan Jing	PASS	No deviation
2.1055 22.355 24.235 27.54	Frequency Stability	Jun. 12, 2024	Gan Jing	PASS	No deviation
24.232(d), 27.50(d)(5)	Peak to Average Radio	Jun. 12, 2024	Gan Jing	PASS	No deviation
2.1051 22.917(a) 24.238(a) 27.53(g) 27.53(h) 27.53(m)(4)	Conducted Spurious Emissions	Jun. 12, 2024	Gan Jing	PASS	No deviation
2.1051 22.917(a) 24.238(a) 27.53(g)	Band Edge	Jun. 12, 2024	Gan Jing	PASS	No deviation



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	Jun. 03, 2024 to Jul. 04, 2024	Gao Jianrou	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 equipment. 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, Mobile and portable stations are limited to 2 watts E.I.R.P. and the equipment must employ a means for limiting power to the minimum necessary for successful communications.

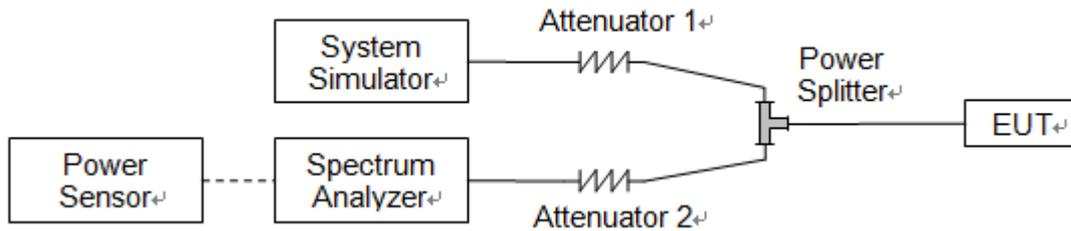
According to FCC section 27.50 (d)(4) for LTE Band 4/66, Fixed, mobile and portable (hand-held) stations in the 1710-1755MHz band are limited to 1wat E.I.R.P.

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

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

According to FCC section 27.50 (c)(10) for LTE Band 12/17/71, 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) = Conducted Output Power (dBm) + Antenna Gain (dBi)

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

**2.1.4. Result****Conducted Output Power:**

<b>LTE Band 2</b>						
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	21.58	21.65	21.55
20	QPSK	1	49	21.55	21.63	21.52
20	QPSK	1	99	21.50	21.60	21.48
20	QPSK	50	0	20.53	20.58	20.52
20	QPSK	50	24	20.50	20.56	20.47
20	QPSK	50	50	20.48	20.53	20.45
20	QPSK	100	0	20.51	20.55	20.46
20	16QAM	1	0	20.56	20.56	20.58
20	16QAM	1	49	20.51	20.50	20.56
20	16QAM	1	99	20.49	20.49	20.52
20	16QAM	50	0	19.63	19.61	19.62
20	16QAM	50	24	19.59	19.65	19.58
20	16QAM	50	50	19.56	19.63	19.59
20	16QAM	100	0	19.60	19.61	19.57



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	21.51	21.62	21.47
15	QPSK	1	37	21.49	21.54	21.48
15	QPSK	1	74	21.46	21.51	21.45
15	QPSK	36	0	20.50	20.57	20.50
15	QPSK	36	20	20.45	20.46	20.40
15	QPSK	36	39	20.46	20.45	20.38
15	QPSK	75	0	20.47	20.47	20.38
15	16QAM	1	0	20.55	20.49	20.52
15	16QAM	1	37	20.45	20.45	20.51
15	16QAM	1	74	20.39	20.39	20.46
15	16QAM	36	0	19.57	19.56	19.52
15	16QAM	36	20	19.49	19.61	19.55
15	16QAM	36	39	19.49	19.53	19.57
15	16QAM	75	0	19.54	19.58	19.48



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	21.53	21.55	21.52
10	QPSK	1	25	21.54	21.57	21.45
10	QPSK	1	49	21.48	21.51	21.47
10	QPSK	25	0	20.43	20.51	20.48
10	QPSK	25	12	20.49	20.49	20.42
10	QPSK	25	25	20.43	20.49	20.43
10	QPSK	50	0	20.45	20.46	20.38
10	16QAM	1	0	20.52	20.55	20.57
10	16QAM	1	25	20.44	20.49	20.52
10	16QAM	1	49	20.35	20.40	20.43
10	16QAM	25	0	19.62	19.52	19.60
10	16QAM	25	12	19.53	19.60	19.54
10	16QAM	25	25	19.53	19.59	19.57
10	16QAM	50	0	19.50	19.51	19.52



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	21.55	21.60	21.50
5	QPSK	1	12	21.51	21.53	21.49
5	QPSK	1	24	21.48	21.54	21.38
5	QPSK	12	0	20.48	20.55	20.51
5	QPSK	12	7	20.45	20.47	20.45
5	QPSK	12	13	20.42	20.47	20.44
5	QPSK	25	0	20.45	20.51	20.39
5	16QAM	1	0	20.53	20.49	20.50
5	16QAM	1	12	20.43	20.46	20.50
5	16QAM	1	24	20.42	20.41	20.42
5	16QAM	12	0	19.56	19.55	19.57
5	16QAM	12	7	19.54	19.62	19.57
5	16QAM	12	13	19.47	19.62	19.52
5	16QAM	25	0	19.58	19.51	19.55



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	21.52	21.57	21.50
3	QPSK	1	8	21.47	21.54	21.49
3	QPSK	1	14	21.42	21.51	21.42
3	QPSK	8	0	20.45	20.48	20.47
3	QPSK	8	4	20.41	20.48	20.44
3	QPSK	8	7	20.42	20.49	20.43
3	QPSK	15	0	20.44	20.45	20.44
3	16QAM	1	0	20.49	20.51	20.54
3	16QAM	1	8	20.42	20.47	20.53
3	16QAM	1	14	20.39	20.45	20.44
3	16QAM	8	0	19.57	19.60	19.55
3	16QAM	8	4	19.54	19.56	19.48
3	16QAM	8	7	19.47	19.53	19.49
3	16QAM	15	0	19.51	19.55	19.56



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	21.50	21.59	21.49
1.4	QPSK	1	3	21.53	21.62	21.44
1.4	QPSK	1	5	21.49	21.59	21.39
1.4	QPSK	3	0	21.48	21.52	21.46
1.4	QPSK	3	1	21.49	21.51	21.44
1.4	QPSK	3	3	21.45	21.47	21.42
1.4	QPSK	6	0	20.45	20.47	20.45
1.4	16QAM	1	0	20.49	20.46	20.53
1.4	16QAM	1	3	20.43	20.43	20.53
1.4	16QAM	1	5	20.42	20.47	20.45
1.4	16QAM	3	0	20.36	20.38	20.37
1.4	16QAM	3	1	20.30	20.36	20.37
1.4	16QAM	3	3	20.35	20.39	20.30
1.4	16QAM	6	0	19.52	19.51	19.52



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	21.48	21.49	21.47
20	QPSK	1	49	21.46	21.48	21.44
20	QPSK	1	99	21.44	21.44	21.42
20	QPSK	50	0	20.48	20.58	20.59
20	QPSK	50	24	20.45	20.55	20.52
20	QPSK	50	50	20.46	20.52	20.49
20	QPSK	100	0	20.44	20.49	20.72
20	16QAM	1	0	20.52	20.54	20.59
20	16QAM	1	49	20.50	20.51	20.58
20	16QAM	1	99	20.46	20.49	20.54
20	16QAM	50	0	19.48	19.45	19.49
20	16QAM	50	24	19.46	19.44	19.44
20	16QAM	50	50	19.45	19.42	19.42
20	16QAM	100	0	19.43	19.40	19.40



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	21.39	21.46	21.38
15	QPSK	1	37	21.44	21.44	21.34
15	QPSK	1	74	21.35	21.40	21.33
15	QPSK	36	0	20.44	20.54	20.52
15	QPSK	36	20	20.40	20.53	20.46
15	QPSK	36	39	20.41	20.42	20.43
15	QPSK	75	0	20.42	20.45	20.70
15	16QAM	1	0	20.42	20.53	20.54
15	16QAM	1	37	20.43	20.47	20.56
15	16QAM	1	74	20.43	20.42	20.49
15	16QAM	36	0	19.41	19.44	19.40
15	16QAM	36	20	19.42	19.34	19.42
15	16QAM	36	39	19.43	19.32	19.35
15	16QAM	75	0	19.41	19.36	19.37



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	21.47	21.47	21.42
10	QPSK	1	25	21.43	21.44	21.36
10	QPSK	1	49	21.34	21.43	21.41
10	QPSK	25	0	20.43	20.57	20.53
10	QPSK	25	12	20.39	20.53	20.44
10	QPSK	25	25	20.44	20.47	20.39
10	QPSK	50	0	20.40	20.47	20.68
10	16QAM	1	0	20.49	20.47	20.50
10	16QAM	1	25	20.49	20.49	20.55
10	16QAM	1	49	20.38	20.46	20.48
10	16QAM	25	0	19.45	19.44	19.48
10	16QAM	25	12	19.43	19.35	19.36
10	16QAM	25	25	19.41	19.37	19.41
10	16QAM	50	0	19.34	19.37	19.34



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	21.42	21.43	21.39
5	QPSK	1	12	21.37	21.39	21.34
5	QPSK	1	24	21.40	21.40	21.39
5	QPSK	12	0	20.39	20.48	20.55
5	QPSK	12	7	20.40	20.50	20.51
5	QPSK	12	13	20.37	20.47	20.47
5	QPSK	25	0	20.34	20.39	20.68
5	16QAM	1	0	20.46	20.53	20.52
5	16QAM	1	12	20.47	20.41	20.55
5	16QAM	1	24	20.36	20.41	20.48
5	16QAM	12	0	19.42	19.35	19.42
5	16QAM	12	7	19.44	19.40	19.35
5	16QAM	12	13	19.35	19.34	19.34
5	16QAM	25	0	19.33	19.32	19.33



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	21.42	21.44	21.36
3	QPSK	1	8	21.42	21.39	21.38
3	QPSK	1	14	21.35	21.42	21.36
3	QPSK	8	0	20.46	20.51	20.56
3	QPSK	8	4	20.39	20.53	20.44
3	QPSK	8	7	20.40	20.45	20.43
3	QPSK	15	0	20.35	20.45	20.70
3	16QAM	1	0	20.43	20.52	20.50
3	16QAM	1	8	20.48	20.41	20.57
3	16QAM	1	14	20.36	20.47	20.48
3	16QAM	8	0	19.38	19.42	19.40
3	16QAM	8	4	19.38	19.35	19.40
3	16QAM	8	7	19.44	19.35	19.34
3	16QAM	15	0	19.40	19.31	19.34



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	21.39	21.48	21.46
1.4	QPSK	1	3	21.40	21.37	21.34
1.4	QPSK	1	5	21.43	21.40	21.33
1.4	QPSK	3	0	21.22	21.37	21.34
1.4	QPSK	3	1	21.20	21.27	21.23
1.4	QPSK	3	3	21.25	21.26	21.23
1.4	QPSK	6	0	20.34	20.44	20.62
1.4	16QAM	1	0	20.42	20.44	20.52
1.4	16QAM	1	3	20.48	20.48	20.56
1.4	16QAM	1	5	20.45	20.43	20.52
1.4	16QAM	3	0	20.18	20.22	20.19
1.4	16QAM	3	1	20.23	20.18	20.19
1.4	16QAM	3	3	20.15	20.19	20.17
1.4	16QAM	6	0	19.37	19.39	19.39



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				20450	20525	20600
Frequency (MHz)				829	836.5	844
10	QPSK	1	0	23.64	23.66	23.60
10	QPSK	1	25	23.62	23.55	23.58
10	QPSK	1	49	23.58	23.57	23.56
10	QPSK	25	0	22.57	22.60	22.58
10	QPSK	25	12	22.58	22.55	22.57
10	QPSK	25	25	22.57	22.52	22.56
10	QPSK	50	0	22.55	22.50	22.52
10	16QAM	1	0	22.77	22.78	22.75
10	16QAM	1	25	22.75	22.73	22.71
10	16QAM	1	49	22.72	22.71	22.68
10	16QAM	25	0	21.53	21.55	21.54
10	16QAM	25	12	21.50	21.54	21.52
10	16QAM	25	25	21.48	21.53	21.50
10	16QAM	50	0	21.45	21.50	21.48



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	23.60	23.58	23.59
5	QPSK	1	12	23.52	23.46	23.49
5	QPSK	1	24	23.54	23.48	23.46
5	QPSK	12	0	22.57	22.48	22.53
5	QPSK	12	7	22.53	22.51	22.56
5	QPSK	12	13	22.48	22.50	22.52
5	QPSK	25	0	22.45	22.44	22.51
5	16QAM	1	0	22.70	22.74	22.74
5	16QAM	1	12	22.66	22.70	22.62
5	16QAM	1	24	22.65	22.67	22.64
5	16QAM	12	0	21.44	21.47	21.45
5	16QAM	12	7	21.42	21.48	21.49
5	16QAM	12	13	21.42	21.49	21.43
5	16QAM	25	0	21.36	21.45	21.46



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	23.63	23.61	23.52
3	QPSK	1	8	23.58	23.49	23.53
3	QPSK	1	14	23.56	23.48	23.47
3	QPSK	8	0	22.52	22.51	22.50
3	QPSK	8	4	22.51	22.54	22.51
3	QPSK	8	7	22.50	22.49	22.49
3	QPSK	15	0	22.46	22.46	22.44
3	16QAM	1	0	22.69	22.70	22.65
3	16QAM	1	8	22.66	22.66	22.65
3	16QAM	1	14	22.65	22.69	22.67
3	16QAM	8	0	21.49	21.53	21.49
3	16QAM	8	4	21.45	21.44	21.47
3	16QAM	8	7	21.41	21.46	21.40
3	16QAM	15	0	21.37	21.41	21.44



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	23.58	23.61	23.54
1.4	QPSK	1	3	23.53	23.52	23.51
1.4	QPSK	1	5	23.48	23.49	23.54
1.4	QPSK	3	0	23.30	23.32	23.32
1.4	QPSK	3	1	23.37	23.25	23.30
1.4	QPSK	3	3	23.35	23.24	23.35
1.4	QPSK	6	0	22.48	22.45	22.43
1.4	16QAM	1	0	22.68	22.72	22.68
1.4	16QAM	1	3	22.73	22.63	22.64
1.4	16QAM	1	5	22.64	22.66	22.64
1.4	16QAM	3	0	22.30	22.25	22.25
1.4	16QAM	3	1	22.23	22.28	22.25
1.4	16QAM	3	3	22.19	22.23	22.29
1.4	16QAM	6	0	21.44	21.44	21.40



LTE Band 7						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20850	21100	21350
Frequency (MHz)				2510	2535	2560
20	QPSK	1	0	17.88	17.91	17.90
20	QPSK	1	49	17.85	17.85	17.87
20	QPSK	1	99	17.83	17.80	17.84
20	QPSK	50	0	16.93	16.94	16.92
20	QPSK	50	24	16.91	16.91	16.89
20	QPSK	50	50	16.90	16.90	16.88
20	QPSK	100	0	16.87	16.87	16.90
20	16QAM	1	0	17.08	16.97	16.92
20	16QAM	1	49	17.06	16.95	16.90
20	16QAM	1	99	17.02	16.94	16.89
20	16QAM	50	0	15.80	15.80	15.79
20	16QAM	50	24	15.79	15.78	15.77
20	16QAM	50	50	15.77	15.76	15.74
20	16QAM	100	0	15.73	15.75	15.72



LTE Band 7						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20825	21100	21375
Frequency (MHz)				2507.5	2535	2562.5
15	QPSK	1	0	17.87	17.96	17.88
15	QPSK	1	37	17.76	17.87	17.84
15	QPSK	1	74	17.76	17.91	17.79
15	QPSK	36	0	16.84	16.84	16.82
15	QPSK	36	20	16.90	16.84	16.87
15	QPSK	36	39	16.88	16.88	16.86
15	QPSK	75	0	16.79	16.84	16.82
15	16QAM	1	0	17.01	16.96	16.90
15	16QAM	1	37	17.04	16.89	16.89
15	16QAM	1	74	17.00	16.89	16.86
15	16QAM	36	0	15.71	15.76	15.73
15	16QAM	36	20	15.76	15.69	15.71
15	16QAM	36	39	15.69	15.70	15.71
15	16QAM	75	0	15.66	15.70	15.63



LTE Band 7						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20800	21100	21400
Frequency (MHz)				2505	2535	2565
10	QPSK	1	0	17.80	17.90	17.84
10	QPSK	1	25	17.75	17.88	17.81
10	QPSK	1	49	17.73	17.82	17.80
10	QPSK	25	0	16.93	16.88	16.82
10	QPSK	25	12	16.88	16.86	16.84
10	QPSK	25	25	16.84	16.89	16.81
10	QPSK	50	0	16.85	16.82	16.89
10	16QAM	1	0	16.99	16.90	16.90
10	16QAM	1	25	16.98	16.93	16.84
10	16QAM	1	49	16.95	16.89	16.88
10	16QAM	25	0	15.75	15.71	15.73
10	16QAM	25	12	15.69	15.68	15.70
10	16QAM	25	25	15.69	15.67	15.65
10	16QAM	50	0	15.71	15.67	15.63



LTE Band 7						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20775	21100	21425
Frequency (MHz)				2502.5	2535	2567.5
5	QPSK	1	0	17.86	17.88	17.80
5	QPSK	1	12	17.80	17.85	17.78
5	QPSK	1	24	17.77	17.85	17.83
5	QPSK	12	0	16.92	16.88	16.86
5	QPSK	12	7	16.81	16.88	16.85
5	QPSK	12	13	16.80	16.87	16.83
5	QPSK	25	0	16.80	16.82	16.82
5	16QAM	1	0	17.05	16.95	16.89
5	16QAM	1	12	17.00	16.88	16.86
5	16QAM	1	24	16.96	16.87	16.83
5	16QAM	12	0	15.77	15.73	15.77
5	16QAM	12	7	15.77	15.75	15.72
5	16QAM	12	13	15.71	15.69	15.65
5	16QAM	25	0	15.67	15.68	15.69



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	23.58	23.61	23.60
10	QPSK	1	25	23.55	23.59	23.57
10	QPSK	1	49	23.53	23.56	23.55
10	QPSK	25	0	22.59	22.66	22.55
10	QPSK	25	12	22.57	22.63	22.53
10	QPSK	25	25	22.56	22.57	22.52
10	QPSK	50	0	22.54	22.55	22.47
10	16QAM	1	0	22.60	22.58	22.55
10	16QAM	1	25	22.58	22.56	22.52
10	16QAM	1	49	22.55	22.53	22.48
10	16QAM	25	0	21.58	21.61	21.55
10	16QAM	25	12	21.53	21.57	21.53
10	16QAM	25	25	21.56	21.58	21.50
10	16QAM	50	0	21.55	21.59	21.49



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	23.53	23.55	23.54
5	QPSK	1	12	23.45	23.49	23.51
5	QPSK	1	24	23.49	23.49	23.47
5	QPSK	12	0	22.51	22.63	22.53
5	QPSK	12	7	22.54	22.55	22.46
5	QPSK	12	13	22.48	22.52	22.48
5	QPSK	25	0	22.45	22.47	22.41
5	16QAM	1	0	22.53	22.51	22.53
5	16QAM	1	12	22.57	22.53	22.50
5	16QAM	1	24	22.54	22.43	22.39
5	16QAM	12	0	21.50	21.54	21.47
5	16QAM	12	7	21.43	21.53	21.46
5	16QAM	12	13	21.49	21.49	21.40
5	16QAM	25	0	21.45	21.55	21.47



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	23.53	23.60	23.53
3	QPSK	1	8	23.45	23.52	23.52
3	QPSK	1	14	23.52	23.53	23.46
3	QPSK	8	0	22.49	22.60	22.51
3	QPSK	8	4	22.47	22.62	22.49
3	QPSK	8	7	22.48	22.53	22.42
3	QPSK	15	0	22.51	22.48	22.43
3	16QAM	1	0	22.55	22.52	22.51
3	16QAM	1	8	22.57	22.51	22.51
3	16QAM	1	14	22.47	22.49	22.42
3	16QAM	8	0	21.56	21.56	21.53
3	16QAM	8	4	21.43	21.54	21.51
3	16QAM	8	7	21.51	21.48	21.46
3	16QAM	15	0	21.46	21.50	21.44



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	23.52	23.53	23.57
1.4	QPSK	1	3	23.45	23.50	23.56
1.4	QPSK	1	5	23.45	23.51	23.54
1.4	QPSK	3	0	23.34	23.43	23.27
1.4	QPSK	3	1	23.36	23.35	23.29
1.4	QPSK	3	3	23.27	23.36	23.30
1.4	QPSK	6	0	22.52	22.52	22.38
1.4	16QAM	1	0	22.59	22.52	22.49
1.4	16QAM	1	3	22.51	22.46	22.46
1.4	16QAM	1	5	22.48	22.47	22.42
1.4	16QAM	3	0	22.29	22.34	22.33
1.4	16QAM	3	1	22.25	22.28	22.23
1.4	16QAM	3	3	22.30	22.29	22.23
1.4	16QAM	6	0	21.46	21.53	21.44



LTE Band 17						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23780	23790	23800
Frequency (MHz)				709	710	711
10	QPSK	1	0	23.52	23.55	23.51
10	QPSK	1	25	23.50	23.53	23.49
10	QPSK	1	49	23.51	23.52	23.48
10	QPSK	25	0	22.56	22.60	22.49
10	QPSK	25	12	22.54	22.57	22.48
10	QPSK	25	25	22.53	22.55	22.46
10	QPSK	50	0	22.50	22.53	22.47
10	16QAM	1	0	22.51	22.54	22.52
10	16QAM	1	25	22.48	22.52	22.48
10	16QAM	1	49	22.47	22.51	22.49
10	16QAM	25	0	21.52	21.57	21.50
10	16QAM	25	12	21.50	21.56	21.49
10	16QAM	25	25	21.49	21.54	21.47
10	16QAM	50	0	21.47	21.52	21.46



LTE Band 17						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23755	23790	23825
Frequency (MHz)				706.5	710	713.5
5	QPSK	1	0	23.45	23.51	23.46
5	QPSK	1	12	23.47	23.49	23.39
5	QPSK	1	24	23.47	23.46	23.42
5	QPSK	12	0	22.48	22.58	22.45
5	QPSK	12	7	22.52	22.49	22.44
5	QPSK	12	13	22.51	22.50	22.43
5	QPSK	25	0	22.40	22.52	22.44
5	16QAM	1	0	22.41	22.49	22.44
5	16QAM	1	12	22.39	22.45	22.39
5	16QAM	1	24	22.43	22.50	22.45
5	16QAM	12	0	21.46	21.47	21.47
5	16QAM	12	7	21.40	21.47	21.42
5	16QAM	12	13	21.42	21.50	21.43
5	16QAM	25	0	21.46	21.43	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				132072	132322	132572
Frequency (MHz)				1720	1745	1770
20	QPSK	1	0	21.49	21.54	21.48
20	QPSK	1	49	21.45	21.48	21.46
20	QPSK	1	99	21.44	21.45	21.44
20	QPSK	50	0	20.47	20.49	20.46
20	QPSK	50	24	20.44	20.44	20.47
20	QPSK	50	50	20.43	20.42	20.44
20	QPSK	100	0	20.45	20.39	20.43
20	16QAM	1	0	20.59	20.61	20.58
20	16QAM	1	49	20.55	20.57	20.54
20	16QAM	1	99	20.53	20.55	20.57
20	16QAM	50	0	19.46	19.48	19.52
20	16QAM	50	24	19.44	19.41	19.49
20	16QAM	50	50	19.41	19.44	19.45
20	16QAM	100	0	19.42	19.43	19.46



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	21.45	21.48	21.44
15	QPSK	1	37	21.42	21.38	21.35
15	QPSK	1	74	21.42	21.44	21.34
15	QPSK	36	0	20.41	20.41	20.42
15	QPSK	36	20	20.37	20.43	20.46
15	QPSK	36	39	20.39	20.32	20.35
15	QPSK	75	0	20.36	20.38	20.36
15	16QAM	1	0	20.54	20.55	20.55
15	16QAM	1	37	20.48	20.52	20.46
15	16QAM	1	74	20.52	20.54	20.48
15	16QAM	36	0	19.37	19.38	19.43
15	16QAM	36	20	19.42	19.34	19.42
15	16QAM	36	39	19.38	19.41	19.43
15	16QAM	75	0	19.38	19.37	19.42



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	21.38	21.45	21.39
10	QPSK	1	25	21.37	21.38	21.39
10	QPSK	1	49	21.42	21.44	21.37
10	QPSK	25	0	20.42	20.44	20.39
10	QPSK	25	12	20.38	20.42	20.44
10	QPSK	25	25	20.37	20.41	20.36
10	QPSK	50	0	20.41	20.37	20.40
10	16QAM	1	0	20.52	20.54	20.49
10	16QAM	1	25	20.45	20.52	20.50
10	16QAM	1	49	20.46	20.48	20.53
10	16QAM	25	0	19.43	19.44	19.51
10	16QAM	25	12	19.39	19.36	19.45
10	16QAM	25	25	19.32	19.42	19.39
10	16QAM	50	0	19.40	19.35	19.43



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	21.40	21.46	21.45
5	QPSK	1	12	21.41	21.40	21.35
5	QPSK	1	24	21.36	21.44	21.32
5	QPSK	12	0	20.38	20.41	20.46
5	QPSK	12	7	20.41	20.34	20.46
5	QPSK	12	13	20.35	20.34	20.40
5	QPSK	25	0	20.38	20.31	20.36
5	16QAM	1	0	20.57	20.58	20.51
5	16QAM	1	12	20.50	20.56	20.44
5	16QAM	1	24	20.48	20.53	20.48
5	16QAM	12	0	19.39	19.41	19.45
5	16QAM	12	7	19.34	19.39	19.47
5	16QAM	12	13	19.34	19.42	19.40
5	16QAM	25	0	19.36	19.36	19.42



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	21.45	21.47	21.45
3	QPSK	1	8	21.38	21.46	21.39
3	QPSK	1	14	21.41	21.44	21.37
3	QPSK	8	0	20.46	20.37	20.48
3	QPSK	8	4	20.36	20.35	20.44
3	QPSK	8	7	20.34	20.34	20.38
3	QPSK	15	0	20.35	20.38	20.34
3	16QAM	1	0	20.54	20.59	20.52
3	16QAM	1	8	20.48	20.52	20.52
3	16QAM	1	14	20.48	20.47	20.54
3	16QAM	8	0	19.43	19.38	19.45
3	16QAM	8	4	19.41	19.36	19.47
3	16QAM	8	7	19.39	19.42	19.37
3	16QAM	15	0	19.32	19.38	19.43



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	21.47	21.43	21.44
1.4	QPSK	1	3	21.37	21.47	21.37
1.4	QPSK	1	5	21.35	21.44	21.32
1.4	QPSK	3	0	21.27	21.34	21.38
1.4	QPSK	3	1	21.28	21.31	21.29
1.4	QPSK	3	3	21.27	21.30	21.27
1.4	QPSK	6	0	20.42	20.37	20.41
1.4	16QAM	1	0	20.54	20.51	20.49
1.4	16QAM	1	3	20.47	20.56	20.45
1.4	16QAM	1	5	20.45	20.50	20.50
1.4	16QAM	3	0	20.34	20.34	20.35
1.4	16QAM	3	1	20.27	20.25	20.31
1.4	16QAM	3	3	20.30	20.25	20.27
1.4	16QAM	6	0	19.37	19.35	19.43



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	23.48	23.55	23.54
20	QPSK	1	49	23.46	23.51	23.50
20	QPSK	1	99	23.43	23.49	23.44
20	QPSK	50	0	22.61	22.63	22.58
20	QPSK	50	24	22.60	22.58	22.55
20	QPSK	50	50	22.59	22.56	22.54
20	QPSK	100	0	22.61	22.55	22.56
20	16QAM	1	0	22.43	22.48	22.40
20	16QAM	1	49	22.40	22.42	22.36
20	16QAM	1	99	22.19	22.40	22.34
20	16QAM	50	0	21.45	21.52	21.50
20	16QAM	50	24	21.41	21.47	21.48
20	16QAM	50	50	21.42	21.50	21.44
20	16QAM	100	0	21.44	21.49	21.46



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)				670.8	680.5	690.5
15	QPSK	1	0	23.38	23.53	23.50
15	QPSK	1	37	23.45	23.45	23.40
15	QPSK	1	74	23.35	23.42	23.36
15	QPSK	36	0	22.53	22.51	22.49
15	QPSK	36	20	22.50	22.54	22.51
15	QPSK	36	39	22.56	22.52	22.48
15	QPSK	75	0	22.55	22.50	22.50
15	16QAM	1	0	22.34	22.47	22.39
15	16QAM	1	37	22.36	22.39	22.35
15	16QAM	1	74	22.12	22.34	22.24
15	16QAM	36	0	21.43	21.50	21.48
15	16QAM	36	20	21.31	21.42	21.39
15	16QAM	36	39	21.41	21.49	21.40
15	16QAM	75	0	21.42	21.42	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				133172	133272	133422
Frequency (MHz)				668	678	693
10	QPSK	1	0	23.40	23.50	23.49
10	QPSK	1	25	23.39	23.44	23.45
10	QPSK	1	49	23.40	23.45	23.40
10	QPSK	25	0	22.62	22.60	22.55
10	QPSK	25	12	22.56	22.57	22.46
10	QPSK	25	25	22.51	22.46	22.49
10	QPSK	50	0	22.52	22.50	22.49
10	16QAM	1	0	22.36	22.40	22.38
10	16QAM	1	25	22.36	22.37	22.34
10	16QAM	1	49	22.11	22.36	22.25
10	16QAM	25	0	21.36	21.44	21.43
10	16QAM	25	12	21.33	21.45	21.44
10	16QAM	25	25	21.37	21.46	21.37
10	16QAM	50	0	21.42	21.42	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				133147	133247	133447
Frequency (MHz)				665.5	675.5	695.5
5	QPSK	1	0	23.42	23.48	23.46
5	QPSK	1	12	23.38	23.43	23.44
5	QPSK	1	24	23.33	23.44	23.42
5	QPSK	12	0	22.56	22.54	22.57
5	QPSK	12	7	22.55	22.56	22.54
5	QPSK	12	13	22.55	22.48	22.51
5	QPSK	25	0	22.57	22.47	22.49
5	16QAM	1	0	22.33	22.38	22.39
5	16QAM	1	12	22.35	22.40	22.33
5	16QAM	1	24	22.18	22.36	22.33
5	16QAM	12	0	21.35	21.51	21.43
5	16QAM	12	7	21.38	21.41	21.39
5	16QAM	12	13	21.40	21.47	21.38
5	16QAM	25	0	21.42	21.46	21.44



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

LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18700		18900		19100	
Frequency (MHz)				1860		1880		1900	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	22.39	0.173	22.46	0.176	22.36	0.172
20	QPSK	1	49	22.36	0.172	22.44	0.175	22.33	0.171
20	QPSK	1	99	22.31	0.170	22.41	0.174	22.29	0.169
20	QPSK	50	0	21.34	0.136	21.39	0.138	21.33	0.136
20	QPSK	50	24	21.31	0.135	21.37	0.137	21.28	0.134
20	QPSK	50	50	21.29	0.135	21.34	0.136	21.26	0.134
20	QPSK	100	0	21.32	0.136	21.36	0.137	21.27	0.134
20	16QAM	1	0	21.37	0.137	21.37	0.137	21.39	0.138
20	16QAM	1	49	21.32	0.136	21.31	0.135	21.37	0.137
20	16QAM	1	99	21.30	0.135	21.30	0.135	21.33	0.136
20	16QAM	50	0	20.44	0.111	20.42	0.110	20.43	0.110
20	16QAM	50	24	20.40	0.110	20.46	0.111	20.39	0.109
20	16QAM	50	50	20.37	0.109	20.44	0.111	20.40	0.110
20	16QAM	100	0	20.41	0.110	20.42	0.110	20.38	0.109



LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18675		18900		19125	
Frequency (MHz)				1857.5		1880		1902.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	22.32	0.171	22.43	0.175	22.28	0.169
15	QPSK	1	37	22.30	0.170	22.35	0.172	22.29	0.169
15	QPSK	1	74	22.27	0.169	22.32	0.171	22.26	0.168
15	QPSK	36	0	21.31	0.135	21.38	0.137	21.31	0.135
15	QPSK	36	20	21.26	0.134	21.27	0.134	21.21	0.132
15	QPSK	36	39	21.27	0.134	21.26	0.134	21.19	0.132
15	QPSK	75	0	21.28	0.134	21.28	0.134	21.19	0.132
15	16QAM	1	0	21.36	0.137	21.30	0.135	21.33	0.136
15	16QAM	1	37	21.26	0.134	21.26	0.134	21.32	0.136
15	16QAM	1	74	21.20	0.132	21.20	0.132	21.27	0.134
15	16QAM	36	0	20.38	0.109	20.37	0.109	20.33	0.108
15	16QAM	36	20	20.30	0.107	20.42	0.110	20.36	0.109
15	16QAM	36	39	20.30	0.107	20.34	0.108	20.38	0.109
15	16QAM	75	0	20.35	0.108	20.39	0.109	20.29	0.107



LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18650		18900		19150	
Frequency (MHz)				1855		1880		1905	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	22.34	0.171	22.36	0.172	22.33	0.171
10	QPSK	1	25	22.35	0.172	22.38	0.173	22.26	0.168
10	QPSK	1	49	22.29	0.169	22.32	0.171	22.28	0.169
10	QPSK	25	0	21.24	0.133	21.32	0.136	21.29	0.135
10	QPSK	25	12	21.30	0.135	21.30	0.135	21.23	0.133
10	QPSK	25	25	21.24	0.133	21.30	0.135	21.24	0.133
10	QPSK	50	0	21.26	0.134	21.27	0.134	21.19	0.132
10	16QAM	1	0	21.33	0.136	21.36	0.137	21.38	0.137
10	16QAM	1	25	21.25	0.133	21.30	0.135	21.33	0.136
10	16QAM	1	49	21.16	0.131	21.21	0.132	21.24	0.133
10	16QAM	25	0	20.43	0.110	20.33	0.108	20.41	0.110
10	16QAM	25	12	20.34	0.108	20.41	0.110	20.35	0.108
10	16QAM	25	25	20.34	0.108	20.40	0.110	20.38	0.109
10	16QAM	50	0	20.31	0.107	20.32	0.108	20.33	0.108



LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18625		18900		19175	
Frequency (MHz)				1852.5		1880		1907.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	22.36	0.172	22.41	0.174	22.31	0.170
5	QPSK	1	12	22.32	0.171	22.34	0.171	22.30	0.170
5	QPSK	1	24	22.29	0.169	22.35	0.172	22.19	0.166
5	QPSK	12	0	21.29	0.135	21.36	0.137	21.32	0.136
5	QPSK	12	7	21.26	0.134	21.28	0.134	21.26	0.134
5	QPSK	12	13	21.23	0.133	21.28	0.134	21.25	0.133
5	QPSK	25	0	21.26	0.134	21.32	0.136	21.20	0.132
5	16QAM	1	0	21.34	0.136	21.30	0.135	21.31	0.135
5	16QAM	1	12	21.24	0.133	21.27	0.134	21.31	0.135
5	16QAM	1	24	21.23	0.133	21.22	0.132	21.23	0.133
5	16QAM	12	0	20.37	0.109	20.36	0.109	20.38	0.109
5	16QAM	12	7	20.35	0.108	20.43	0.110	20.38	0.109
5	16QAM	12	13	20.28	0.107	20.43	0.110	20.33	0.108
5	16QAM	25	0	20.39	0.109	20.32	0.108	20.36	0.109



LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18615		18900		19185	
Frequency (MHz)				1851.5		1880		1908.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	22.33	0.171	22.38	0.173	22.31	0.170
3	QPSK	1	8	22.28	0.169	22.35	0.172	22.30	0.170
3	QPSK	1	14	22.23	0.167	22.32	0.171	22.23	0.167
3	QPSK	8	0	21.26	0.134	21.29	0.135	21.28	0.134
3	QPSK	8	4	21.22	0.132	21.29	0.135	21.25	0.133
3	QPSK	8	7	21.23	0.133	21.30	0.135	21.24	0.133
3	QPSK	15	0	21.25	0.133	21.26	0.134	21.25	0.133
3	16QAM	1	0	21.30	0.135	21.32	0.136	21.35	0.136
3	16QAM	1	8	21.23	0.133	21.28	0.134	21.34	0.136
3	16QAM	1	14	21.20	0.132	21.26	0.134	21.25	0.133
3	16QAM	8	0	20.38	0.109	20.41	0.110	20.36	0.109
3	16QAM	8	4	20.35	0.108	20.37	0.109	20.29	0.107
3	16QAM	8	7	20.28	0.107	20.34	0.108	20.30	0.107
3	16QAM	15	0	20.32	0.108	20.36	0.109	20.37	0.109



LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18607		18900		19193	
Frequency (MHz)				1850.7		1880		1909.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	22.31	0.170	22.40	0.174	22.30	0.170
1.4	QPSK	1	3	22.34	0.171	22.43	0.175	22.25	0.168
1.4	QPSK	1	5	22.30	0.170	22.40	0.174	22.20	0.166
1.4	QPSK	3	0	22.29	0.169	22.33	0.171	22.27	0.169
1.4	QPSK	3	1	22.30	0.170	22.32	0.171	22.25	0.168
1.4	QPSK	3	3	22.26	0.168	22.28	0.169	22.23	0.167
1.4	QPSK	6	0	21.26	0.134	21.28	0.134	21.26	0.134
1.4	16QAM	1	0	21.30	0.135	21.27	0.134	21.34	0.136
1.4	16QAM	1	3	21.24	0.133	21.24	0.133	21.34	0.136
1.4	16QAM	1	5	21.23	0.133	21.28	0.134	21.26	0.134
1.4	16QAM	3	0	21.17	0.131	21.19	0.132	21.18	0.131
1.4	16QAM	3	1	21.11	0.129	21.17	0.131	21.18	0.131
1.4	16QAM	3	3	21.16	0.131	21.20	0.132	21.11	0.129
1.4	16QAM	6	0	20.33	0.108	20.32	0.108	20.33	0.108



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20050		20175		20300	
Frequency (MHz)				1720		1732.5		1745	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	22.40	0.174	22.41	0.174	22.39	0.173
20	QPSK	1	49	22.38	0.173	22.40	0.174	22.36	0.172
20	QPSK	1	99	22.36	0.172	22.36	0.172	22.34	0.171
20	QPSK	50	0	21.40	0.138	21.50	0.141	21.51	0.142
20	QPSK	50	24	21.37	0.137	21.47	0.140	21.44	0.139
20	QPSK	50	50	21.38	0.137	21.44	0.139	21.41	0.138
20	QPSK	100	0	21.36	0.137	21.41	0.138	21.64	0.146
20	16QAM	1	0	21.44	0.139	21.46	0.140	21.51	0.142
20	16QAM	1	49	21.42	0.139	21.43	0.139	21.50	0.141
20	16QAM	1	99	21.38	0.137	21.41	0.138	21.46	0.140
20	16QAM	50	0	20.40	0.110	20.37	0.109	20.41	0.110
20	16QAM	50	24	20.38	0.109	20.36	0.109	20.36	0.109
20	16QAM	50	50	20.37	0.109	20.34	0.108	20.34	0.108
20	16QAM	100	0	20.35	0.108	20.32	0.108	20.32	0.108



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20025		20175		20325	
Frequency (MHz)				1717.5		1732.5		1747.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	22.31	0.170	22.38	0.173	22.30	0.170
15	QPSK	1	37	22.36	0.172	22.36	0.172	22.26	0.168
15	QPSK	1	74	22.27	0.169	22.32	0.171	22.25	0.168
15	QPSK	36	0	21.36	0.137	21.46	0.140	21.44	0.139
15	QPSK	36	20	21.32	0.136	21.45	0.140	21.38	0.137
15	QPSK	36	39	21.33	0.136	21.34	0.136	21.35	0.136
15	QPSK	75	0	21.34	0.136	21.37	0.137	21.62	0.145
15	16QAM	1	0	21.34	0.136	21.45	0.140	21.46	0.140
15	16QAM	1	37	21.35	0.136	21.39	0.138	21.48	0.141
15	16QAM	1	74	21.35	0.136	21.34	0.136	21.41	0.138
15	16QAM	36	0	20.33	0.108	20.36	0.109	20.32	0.108
15	16QAM	36	20	20.34	0.108	20.26	0.106	20.34	0.108
15	16QAM	36	39	20.35	0.108	20.24	0.106	20.27	0.106
15	16QAM	75	0	20.33	0.108	20.28	0.107	20.29	0.107



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20000		20175		20350	
Frequency (MHz)				1715		1732.5		1750	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	22.39	0.173	22.39	0.173	22.34	0.171
10	QPSK	1	25	22.35	0.172	22.36	0.172	22.28	0.169
10	QPSK	1	49	22.26	0.168	22.35	0.172	22.33	0.171
10	QPSK	25	0	21.35	0.136	21.49	0.141	21.45	0.140
10	QPSK	25	12	21.31	0.135	21.45	0.140	21.36	0.137
10	QPSK	25	25	21.36	0.137	21.39	0.138	21.31	0.135
10	QPSK	50	0	21.32	0.136	21.39	0.138	21.60	0.145
10	16QAM	1	0	21.41	0.138	21.39	0.138	21.42	0.139
10	16QAM	1	25	21.41	0.138	21.41	0.138	21.47	0.140
10	16QAM	1	49	21.30	0.135	21.38	0.137	21.40	0.138
10	16QAM	25	0	20.37	0.109	20.36	0.109	20.40	0.110
10	16QAM	25	12	20.35	0.108	20.27	0.106	20.28	0.107
10	16QAM	25	25	20.33	0.108	20.29	0.107	20.33	0.108
10	16QAM	50	0	20.26	0.106	20.29	0.107	20.26	0.106



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				19975		20175		20375	
Frequency (MHz)				1712.5		1732.5		1752.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	22.34	0.171	22.35	0.172	22.31	0.170
5	QPSK	1	12	22.29	0.169	22.31	0.170	22.26	0.168
5	QPSK	1	24	22.32	0.171	22.32	0.171	22.31	0.170
5	QPSK	12	0	21.31	0.135	21.40	0.138	21.47	0.140
5	QPSK	12	7	21.32	0.136	21.42	0.139	21.43	0.139
5	QPSK	12	13	21.29	0.135	21.39	0.138	21.39	0.138
5	QPSK	25	0	21.26	0.134	21.31	0.135	21.60	0.145
5	16QAM	1	0	21.38	0.137	21.45	0.140	21.44	0.139
5	16QAM	1	12	21.39	0.138	21.33	0.136	21.47	0.140
5	16QAM	1	24	21.28	0.134	21.33	0.136	21.40	0.138
5	16QAM	12	0	20.34	0.108	20.27	0.106	20.34	0.108
5	16QAM	12	7	20.36	0.109	20.32	0.108	20.27	0.106
5	16QAM	12	13	20.27	0.106	20.26	0.106	20.26	0.106
5	16QAM	25	0	20.25	0.106	20.24	0.106	20.25	0.106



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				19965		20175		20385	
Frequency (MHz)				1711.5		1732.5		1753.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	22.34	0.171	22.36	0.172	22.28	0.169
3	QPSK	1	8	22.34	0.171	22.31	0.170	22.30	0.170
3	QPSK	1	14	22.27	0.169	22.34	0.171	22.28	0.169
3	QPSK	8	0	21.38	0.137	21.43	0.139	21.48	0.141
3	QPSK	8	4	21.31	0.135	21.45	0.140	21.36	0.137
3	QPSK	8	7	21.32	0.136	21.37	0.137	21.35	0.136
3	QPSK	15	0	21.27	0.134	21.37	0.137	21.62	0.145
3	16QAM	1	0	21.35	0.136	21.44	0.139	21.42	0.139
3	16QAM	1	8	21.40	0.138	21.33	0.136	21.49	0.141
3	16QAM	1	14	21.28	0.134	21.39	0.138	21.40	0.138
3	16QAM	8	0	20.30	0.107	20.34	0.108	20.32	0.108
3	16QAM	8	4	20.30	0.107	20.27	0.106	20.32	0.108
3	16QAM	8	7	20.36	0.109	20.27	0.106	20.26	0.106
3	16QAM	15	0	20.32	0.108	20.23	0.105	20.26	0.106



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				19957		20175		20393	
Frequency (MHz)				1710.7		1732.5		1754.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	22.31	0.170	22.40	0.174	22.38	0.173
1.4	QPSK	1	3	22.32	0.171	22.29	0.169	22.26	0.168
1.4	QPSK	1	5	22.35	0.172	22.32	0.171	22.25	0.168
1.4	QPSK	3	0	22.14	0.164	22.29	0.169	22.26	0.168
1.4	QPSK	3	1	22.12	0.163	22.19	0.166	22.15	0.164
1.4	QPSK	3	3	22.17	0.165	22.18	0.165	22.15	0.164
1.4	QPSK	6	0	21.26	0.134	21.36	0.137	21.54	0.143
1.4	16QAM	1	0	21.34	0.136	21.36	0.137	21.44	0.139
1.4	16QAM	1	3	21.40	0.138	21.40	0.138	21.48	0.141
1.4	16QAM	1	5	21.37	0.137	21.35	0.136	21.44	0.139
1.4	16QAM	3	0	21.10	0.129	21.14	0.130	21.11	0.129
1.4	16QAM	3	1	21.15	0.130	21.10	0.129	21.11	0.129
1.4	16QAM	3	3	21.07	0.128	21.11	0.129	21.09	0.129
1.4	16QAM	6	0	20.29	0.107	20.31	0.107	20.31	0.107



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	18.86	0.077	18.88	0.077	18.82	0.076
10	QPSK	1	25	18.84	0.077	18.77	0.075	18.80	0.076
10	QPSK	1	49	18.80	0.076	18.79	0.076	18.78	0.076
10	QPSK	25	0	17.79	0.060	17.82	0.061	17.80	0.060
10	QPSK	25	12	17.80	0.060	17.77	0.060	17.79	0.060
10	QPSK	25	25	17.79	0.060	17.74	0.059	17.78	0.060
10	QPSK	50	0	17.77	0.060	17.72	0.059	17.74	0.059
10	16QAM	1	0	17.99	0.063	18.00	0.063	17.97	0.063
10	16QAM	1	25	17.97	0.063	17.95	0.062	17.93	0.062
10	16QAM	1	49	17.94	0.062	17.93	0.062	17.90	0.062
10	16QAM	25	0	16.75	0.047	16.77	0.048	16.76	0.047
10	16QAM	25	12	16.72	0.047	16.76	0.047	16.74	0.047
10	16QAM	25	25	16.70	0.047	16.75	0.047	16.72	0.047
10	16QAM	50	0	16.67	0.046	16.72	0.047	16.70	0.047



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	18.82	0.076	18.80	0.076	18.81	0.076
5	QPSK	1	12	18.74	0.075	18.68	0.074	18.71	0.074
5	QPSK	1	24	18.76	0.075	18.70	0.074	18.68	0.074
5	QPSK	12	0	17.79	0.060	17.70	0.059	17.75	0.060
5	QPSK	12	7	17.75	0.060	17.73	0.059	17.78	0.060
5	QPSK	12	13	17.70	0.059	17.72	0.059	17.74	0.059
5	QPSK	25	0	17.67	0.058	17.66	0.058	17.73	0.059
5	16QAM	1	0	17.92	0.062	17.96	0.063	17.96	0.063
5	16QAM	1	12	17.88	0.061	17.92	0.062	17.84	0.061
5	16QAM	1	24	17.87	0.061	17.89	0.062	17.86	0.061
5	16QAM	12	0	16.66	0.046	16.69	0.047	16.67	0.046
5	16QAM	12	7	16.64	0.046	16.70	0.047	16.71	0.047
5	16QAM	12	13	16.64	0.046	16.71	0.047	16.65	0.046
5	16QAM	25	0	16.58	0.045	16.67	0.046	16.68	0.047



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	18.85	0.077	18.83	0.076	18.74	0.075
3	QPSK	1	8	18.80	0.076	18.71	0.074	18.75	0.075
3	QPSK	1	14	18.78	0.076	18.70	0.074	18.69	0.074
3	QPSK	8	0	17.74	0.059	17.73	0.059	17.72	0.059
3	QPSK	8	4	17.73	0.059	17.76	0.060	17.73	0.059
3	QPSK	8	7	17.72	0.059	17.71	0.059	17.71	0.059
3	QPSK	15	0	17.68	0.059	17.68	0.059	17.66	0.058
3	16QAM	1	0	17.91	0.062	17.92	0.062	17.87	0.061
3	16QAM	1	8	17.88	0.061	17.88	0.061	17.87	0.061
3	16QAM	1	14	17.87	0.061	17.91	0.062	17.89	0.062
3	16QAM	8	0	16.71	0.047	16.75	0.047	16.71	0.047
3	16QAM	8	4	16.67	0.046	16.66	0.046	16.69	0.047
3	16QAM	8	7	16.63	0.046	16.68	0.047	16.62	0.046
3	16QAM	15	0	16.59	0.046	16.63	0.046	16.66	0.046



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	18.80	0.076	18.83	0.076	18.76	0.075
1.4	QPSK	1	3	18.75	0.075	18.74	0.075	18.73	0.075
1.4	QPSK	1	5	18.70	0.074	18.71	0.074	18.76	0.075
1.4	QPSK	3	0	18.52	0.071	18.54	0.071	18.54	0.071
1.4	QPSK	3	1	18.59	0.072	18.47	0.070	18.52	0.071
1.4	QPSK	3	3	18.57	0.072	18.46	0.070	18.57	0.072
1.4	QPSK	6	0	17.70	0.059	17.67	0.058	17.65	0.058
1.4	16QAM	1	0	17.90	0.062	17.94	0.062	17.90	0.062
1.4	16QAM	1	3	17.95	0.062	17.85	0.061	17.86	0.061
1.4	16QAM	1	5	17.86	0.061	17.88	0.061	17.86	0.061
1.4	16QAM	3	0	17.52	0.056	17.47	0.056	17.47	0.056
1.4	16QAM	3	1	17.45	0.056	17.50	0.056	17.47	0.056
1.4	16QAM	3	3	17.41	0.055	17.45	0.056	17.51	0.056
1.4	16QAM	6	0	16.66	0.046	16.66	0.046	16.62	0.046



LTE Band 7				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20850		21100		21350	
Frequency (MHz)				2510		2535		2560	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	19.00	0.079	19.03	0.080	19.02	0.080
20	QPSK	1	49	18.97	0.079	18.97	0.079	18.99	0.079
20	QPSK	1	99	18.95	0.079	18.92	0.078	18.96	0.079
20	QPSK	50	0	18.05	0.064	18.06	0.064	18.04	0.064
20	QPSK	50	24	18.03	0.064	18.03	0.064	18.01	0.063
20	QPSK	50	50	18.02	0.063	18.02	0.063	18.00	0.063
20	QPSK	100	0	17.99	0.063	17.99	0.063	18.02	0.063
20	16QAM	1	0	18.20	0.066	18.09	0.064	18.04	0.064
20	16QAM	1	49	18.18	0.066	18.07	0.064	18.02	0.063
20	16QAM	1	99	18.14	0.065	18.06	0.064	18.01	0.063
20	16QAM	50	0	16.92	0.049	16.92	0.049	16.91	0.049
20	16QAM	50	24	16.91	0.049	16.90	0.049	16.89	0.049
20	16QAM	50	50	16.89	0.049	16.88	0.049	16.86	0.049
20	16QAM	100	0	16.85	0.048	16.87	0.049	16.84	0.048



LTE Band 7				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20825		21100		21375	
Frequency (MHz)				2507.5		2535		2562.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	18.99	0.079	19.08	0.081	19.00	0.079
15	QPSK	1	37	18.88	0.077	18.99	0.079	18.96	0.079
15	QPSK	1	74	18.88	0.077	19.03	0.080	18.91	0.078
15	QPSK	36	0	17.96	0.063	17.96	0.063	17.94	0.062
15	QPSK	36	20	18.02	0.063	17.96	0.063	17.99	0.063
15	QPSK	36	39	18.00	0.063	18.00	0.063	17.98	0.063
15	QPSK	75	0	17.91	0.062	17.96	0.063	17.94	0.062
15	16QAM	1	0	18.13	0.065	18.08	0.064	18.02	0.063
15	16QAM	1	37	18.16	0.065	18.01	0.063	18.01	0.063
15	16QAM	1	74	18.12	0.065	18.01	0.063	17.98	0.063
15	16QAM	36	0	16.83	0.048	16.88	0.049	16.85	0.048
15	16QAM	36	20	16.88	0.049	16.81	0.048	16.83	0.048
15	16QAM	36	39	16.81	0.048	16.82	0.048	16.83	0.048
15	16QAM	75	0	16.78	0.048	16.82	0.048	16.75	0.047



LTE Band 7				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20800		21100		21400	
Frequency (MHz)				2505		2535		2565	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	18.92	0.078	19.02	0.080	18.96	0.079
10	QPSK	1	25	18.87	0.077	19.00	0.079	18.93	0.078
10	QPSK	1	49	18.85	0.077	18.94	0.078	18.92	0.078
10	QPSK	25	0	18.05	0.064	18.00	0.063	17.94	0.062
10	QPSK	25	12	18.00	0.063	17.98	0.063	17.96	0.063
10	QPSK	25	25	17.96	0.063	18.01	0.063	17.93	0.062
10	QPSK	50	0	17.97	0.063	17.94	0.062	18.01	0.063
10	16QAM	1	0	18.11	0.065	18.02	0.063	18.02	0.063
10	16QAM	1	25	18.10	0.065	18.05	0.064	17.96	0.063
10	16QAM	1	49	18.07	0.064	18.01	0.063	18.00	0.063
10	16QAM	25	0	16.87	0.049	16.83	0.048	16.85	0.048
10	16QAM	25	12	16.81	0.048	16.80	0.048	16.82	0.048
10	16QAM	25	25	16.81	0.048	16.79	0.048	16.77	0.048
10	16QAM	50	0	16.83	0.048	16.79	0.048	16.75	0.047



LTE Band 7				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20775		21100		21425	
Frequency (MHz)				2502.5		2535		2567.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	18.98	0.079	19.00	0.079	18.92	0.078
5	QPSK	1	12	18.92	0.078	18.97	0.079	18.90	0.078
5	QPSK	1	24	18.89	0.077	18.97	0.079	18.95	0.079
5	QPSK	12	0	18.04	0.064	18.00	0.063	17.98	0.063
5	QPSK	12	7	17.93	0.062	18.00	0.063	17.97	0.063
5	QPSK	12	13	17.92	0.062	17.99	0.063	17.95	0.062
5	QPSK	25	0	17.92	0.062	17.94	0.062	17.94	0.062
5	16QAM	1	0	18.17	0.066	18.07	0.064	18.01	0.063
5	16QAM	1	12	18.12	0.065	18.00	0.063	17.98	0.063
5	16QAM	1	24	18.08	0.064	17.99	0.063	17.95	0.062
5	16QAM	12	0	16.89	0.049	16.85	0.048	16.89	0.049
5	16QAM	12	7	16.89	0.049	16.87	0.049	16.84	0.048
5	16QAM	12	13	16.83	0.048	16.81	0.048	16.77	0.048
5	16QAM	25	0	16.79	0.048	16.80	0.048	16.81	0.048



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	20.01	0.100	20.04	0.101	20.03	0.101
10	QPSK	1	25	19.98	0.100	20.02	0.100	20.00	0.100
10	QPSK	1	49	19.96	0.099	19.99	0.100	19.98	0.100
10	QPSK	25	0	19.02	0.080	19.09	0.081	18.98	0.079
10	QPSK	25	12	19.00	0.079	19.06	0.081	18.96	0.079
10	QPSK	25	25	18.99	0.079	19.00	0.079	18.95	0.079
10	QPSK	50	0	18.97	0.079	18.98	0.079	18.90	0.078
10	16QAM	1	0	19.03	0.080	19.01	0.080	18.98	0.079
10	16QAM	1	25	19.01	0.080	18.99	0.079	18.95	0.079
10	16QAM	1	49	18.98	0.079	18.96	0.079	18.91	0.078
10	16QAM	25	0	18.01	0.063	18.04	0.064	17.98	0.063
10	16QAM	25	12	17.96	0.063	18.00	0.063	17.96	0.063
10	16QAM	25	25	17.99	0.063	18.01	0.063	17.93	0.062
10	16QAM	50	0	17.98	0.063	18.02	0.063	17.92	0.062



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	19.96	0.099	19.98	0.100	19.97	0.099
5	QPSK	1	12	19.88	0.097	19.92	0.098	19.94	0.099
5	QPSK	1	24	19.92	0.098	19.92	0.098	19.90	0.098
5	QPSK	12	0	18.94	0.078	19.06	0.081	18.96	0.079
5	QPSK	12	7	18.97	0.079	18.98	0.079	18.89	0.077
5	QPSK	12	13	18.91	0.078	18.95	0.079	18.91	0.078
5	QPSK	25	0	18.88	0.077	18.90	0.078	18.84	0.077
5	16QAM	1	0	18.96	0.079	18.94	0.078	18.96	0.079
5	16QAM	1	12	19.00	0.079	18.96	0.079	18.93	0.078
5	16QAM	1	24	18.97	0.079	18.86	0.077	18.82	0.076
5	16QAM	12	0	17.93	0.062	17.97	0.063	17.90	0.062
5	16QAM	12	7	17.86	0.061	17.96	0.063	17.89	0.062
5	16QAM	12	13	17.92	0.062	17.92	0.062	17.83	0.061
5	16QAM	25	0	17.88	0.061	17.98	0.063	17.90	0.062



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	19.96	0.099	20.03	0.101	19.96	0.099
3	QPSK	1	8	19.88	0.097	19.95	0.099	19.95	0.099
3	QPSK	1	14	19.95	0.099	19.96	0.099	19.89	0.097
3	QPSK	8	0	18.92	0.078	19.03	0.080	18.94	0.078
3	QPSK	8	4	18.90	0.078	19.05	0.080	18.92	0.078
3	QPSK	8	7	18.91	0.078	18.96	0.079	18.85	0.077
3	QPSK	15	0	18.94	0.078	18.91	0.078	18.86	0.077
3	16QAM	1	0	18.98	0.079	18.95	0.079	18.94	0.078
3	16QAM	1	8	19.00	0.079	18.94	0.078	18.94	0.078
3	16QAM	1	14	18.90	0.078	18.92	0.078	18.85	0.077
3	16QAM	8	0	17.99	0.063	17.99	0.063	17.96	0.063
3	16QAM	8	4	17.86	0.061	17.97	0.063	17.94	0.062
3	16QAM	8	7	17.94	0.062	17.91	0.062	17.89	0.062
3	16QAM	15	0	17.89	0.062	17.93	0.062	17.87	0.061



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	19.95	0.099	19.96	0.099	20.00	0.100
1.4	QPSK	1	3	19.88	0.097	19.93	0.098	19.99	0.100
1.4	QPSK	1	5	19.88	0.097	19.94	0.099	19.97	0.099
1.4	QPSK	3	0	19.77	0.095	19.86	0.097	19.70	0.093
1.4	QPSK	3	1	19.79	0.095	19.78	0.095	19.72	0.094
1.4	QPSK	3	3	19.70	0.093	19.79	0.095	19.73	0.094
1.4	QPSK	6	0	18.95	0.079	18.95	0.079	18.81	0.076
1.4	16QAM	1	0	19.02	0.080	18.95	0.079	18.92	0.078
1.4	16QAM	1	3	18.94	0.078	18.89	0.077	18.89	0.077
1.4	16QAM	1	5	18.91	0.078	18.90	0.078	18.85	0.077
1.4	16QAM	3	0	18.72	0.074	18.77	0.075	18.76	0.075
1.4	16QAM	3	1	18.68	0.074	18.71	0.074	18.66	0.073
1.4	16QAM	3	3	18.73	0.075	18.72	0.074	18.66	0.073
1.4	16QAM	6	0	17.89	0.062	17.96	0.063	17.87	0.061



LTE Band 17				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23780		23790		23800	
Frequency (MHz)				709		710		711	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	19.95	0.099	19.98	0.100	19.94	0.099
10	QPSK	1	25	19.93	0.098	19.96	0.099	19.92	0.098
10	QPSK	1	49	19.94	0.099	19.95	0.099	19.91	0.098
10	QPSK	25	0	18.99	0.079	19.03	0.080	18.92	0.078
10	QPSK	25	12	18.97	0.079	19.00	0.079	18.91	0.078
10	QPSK	25	25	18.96	0.079	18.98	0.079	18.89	0.077
10	QPSK	50	0	18.93	0.078	18.96	0.079	18.90	0.078
10	16QAM	1	0	18.94	0.078	18.97	0.079	18.95	0.079
10	16QAM	1	25	18.91	0.078	18.95	0.079	18.91	0.078
10	16QAM	1	49	18.90	0.078	18.94	0.078	18.92	0.078
10	16QAM	25	0	17.95	0.062	18.00	0.063	17.93	0.062
10	16QAM	25	12	17.93	0.062	17.99	0.063	17.92	0.062
10	16QAM	25	25	17.92	0.062	17.97	0.063	17.90	0.062
10	16QAM	50	0	17.90	0.062	17.95	0.062	17.89	0.062



LTE Band 17				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23755		23790		23825	
Frequency (MHz)				706.5		710		713.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	19.88	0.097	19.94	0.099	19.89	0.097
5	QPSK	1	12	19.90	0.098	19.92	0.098	19.82	0.096
5	QPSK	1	24	19.90	0.098	19.89	0.097	19.85	0.097
5	QPSK	12	0	18.91	0.078	19.01	0.080	18.88	0.077
5	QPSK	12	7	18.95	0.079	18.92	0.078	18.87	0.077
5	QPSK	12	13	18.94	0.078	18.93	0.078	18.86	0.077
5	QPSK	25	0	18.83	0.076	18.95	0.079	18.87	0.077
5	16QAM	1	0	18.84	0.077	18.92	0.078	18.87	0.077
5	16QAM	1	12	18.82	0.076	18.88	0.077	18.82	0.076
5	16QAM	1	24	18.86	0.077	18.93	0.078	18.88	0.077
5	16QAM	12	0	17.89	0.062	17.90	0.062	17.90	0.062
5	16QAM	12	7	17.83	0.061	17.90	0.062	17.85	0.061
5	16QAM	12	13	17.85	0.061	17.93	0.062	17.86	0.061
5	16QAM	25	0	17.89	0.062	17.86	0.061	17.81	0.060



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				132072		132322		132572	
Frequency (MHz)				1720		1745		1770	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	22.41	0.174	22.46	0.176	22.40	0.174
20	QPSK	1	49	22.37	0.173	22.40	0.174	22.38	0.173
20	QPSK	1	99	22.36	0.172	22.37	0.173	22.36	0.172
20	QPSK	50	0	21.39	0.138	21.41	0.138	21.38	0.137
20	QPSK	50	24	21.36	0.137	21.36	0.137	21.39	0.138
20	QPSK	50	50	21.35	0.136	21.34	0.136	21.36	0.137
20	QPSK	100	0	21.37	0.137	21.31	0.135	21.35	0.136
20	16QAM	1	0	21.51	0.142	21.53	0.142	21.50	0.141
20	16QAM	1	49	21.47	0.140	21.49	0.141	21.46	0.140
20	16QAM	1	99	21.45	0.140	21.47	0.140	21.49	0.141
20	16QAM	50	0	20.38	0.109	20.40	0.110	20.44	0.111
20	16QAM	50	24	20.36	0.109	20.33	0.108	20.41	0.110
20	16QAM	50	50	20.33	0.108	20.36	0.109	20.37	0.109
20	16QAM	100	0	20.34	0.108	20.35	0.108	20.38	0.109



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				132047		132322		132597	
Frequency (MHz)				1717.5		1745		1772.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	22.37	0.173	22.40	0.174	22.36	0.172
15	QPSK	1	37	22.34	0.171	22.30	0.170	22.27	0.169
15	QPSK	1	74	22.34	0.171	22.36	0.172	22.26	0.168
15	QPSK	36	0	21.33	0.136	21.33	0.136	21.34	0.136
15	QPSK	36	20	21.29	0.135	21.35	0.136	21.38	0.137
15	QPSK	36	39	21.31	0.135	21.24	0.133	21.27	0.134
15	QPSK	75	0	21.28	0.134	21.30	0.135	21.28	0.134
15	16QAM	1	0	21.46	0.140	21.47	0.140	21.47	0.140
15	16QAM	1	37	21.40	0.138	21.44	0.139	21.38	0.137
15	16QAM	1	74	21.44	0.139	21.46	0.140	21.40	0.138
15	16QAM	36	0	20.29	0.107	20.30	0.107	20.35	0.108
15	16QAM	36	20	20.34	0.108	20.26	0.106	20.34	0.108
15	16QAM	36	39	20.30	0.107	20.33	0.108	20.35	0.108
15	16QAM	75	0	20.30	0.107	20.29	0.107	20.34	0.108



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				132022		132322		132622	
Frequency (MHz)				1715		1745		1775	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	22.30	0.170	22.37	0.173	22.31	0.170
10	QPSK	1	25	22.29	0.169	22.30	0.170	22.31	0.170
10	QPSK	1	49	22.34	0.171	22.36	0.172	22.29	0.169
10	QPSK	25	0	21.34	0.136	21.36	0.137	21.31	0.135
10	QPSK	25	12	21.30	0.135	21.34	0.136	21.36	0.137
10	QPSK	25	25	21.29	0.135	21.33	0.136	21.28	0.134
10	QPSK	50	0	21.33	0.136	21.29	0.135	21.32	0.136
10	16QAM	1	0	21.44	0.139	21.46	0.140	21.41	0.138
10	16QAM	1	25	21.37	0.137	21.44	0.139	21.42	0.139
10	16QAM	1	49	21.38	0.137	21.40	0.138	21.45	0.140
10	16QAM	25	0	20.35	0.108	20.36	0.109	20.43	0.110
10	16QAM	25	12	20.31	0.107	20.28	0.107	20.37	0.109
10	16QAM	25	25	20.24	0.106	20.34	0.108	20.31	0.107
10	16QAM	50	0	20.32	0.108	20.27	0.106	20.35	0.108



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				131997		132322		132647	
Frequency (MHz)				1712.5		1745		1777.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	22.32	0.171	22.38	0.173	22.37	0.173
5	QPSK	1	12	22.33	0.171	22.32	0.171	22.27	0.169
5	QPSK	1	24	22.28	0.169	22.36	0.172	22.24	0.167
5	QPSK	12	0	21.30	0.135	21.33	0.136	21.38	0.137
5	QPSK	12	7	21.33	0.136	21.26	0.134	21.38	0.137
5	QPSK	12	13	21.27	0.134	21.26	0.134	21.32	0.136
5	QPSK	25	0	21.30	0.135	21.23	0.133	21.28	0.134
5	16QAM	1	0	21.49	0.141	21.50	0.141	21.43	0.139
5	16QAM	1	12	21.42	0.139	21.48	0.141	21.36	0.137
5	16QAM	1	24	21.40	0.138	21.45	0.140	21.40	0.138
5	16QAM	12	0	20.31	0.107	20.33	0.108	20.37	0.109
5	16QAM	12	7	20.26	0.106	20.31	0.107	20.39	0.109
5	16QAM	12	13	20.26	0.106	20.34	0.108	20.32	0.108
5	16QAM	25	0	20.28	0.107	20.28	0.107	20.34	0.108



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				131987		132322		132657	
Frequency (MHz)				1711.5		1745		1778.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	22.37	0.173	22.39	0.173	22.37	0.173
3	QPSK	1	8	22.30	0.170	22.38	0.173	22.31	0.170
3	QPSK	1	14	22.33	0.171	22.36	0.172	22.29	0.169
3	QPSK	8	0	21.38	0.137	21.29	0.135	21.40	0.138
3	QPSK	8	4	21.28	0.134	21.27	0.134	21.36	0.137
3	QPSK	8	7	21.26	0.134	21.26	0.134	21.30	0.135
3	QPSK	15	0	21.27	0.134	21.30	0.135	21.26	0.134
3	16QAM	1	0	21.46	0.140	21.51	0.142	21.44	0.139
3	16QAM	1	8	21.40	0.138	21.44	0.139	21.44	0.139
3	16QAM	1	14	21.40	0.138	21.39	0.138	21.46	0.140
3	16QAM	8	0	20.35	0.108	20.30	0.107	20.37	0.109
3	16QAM	8	4	20.33	0.108	20.28	0.107	20.39	0.109
3	16QAM	8	7	20.31	0.107	20.34	0.108	20.29	0.107
3	16QAM	15	0	20.24	0.106	20.30	0.107	20.35	0.108



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	22.39	0.173	22.35	0.172	22.36	0.172
1.4	QPSK	1	3	22.29	0.169	22.39	0.173	22.29	0.169
1.4	QPSK	1	5	22.27	0.169	22.36	0.172	22.24	0.167
1.4	QPSK	3	0	22.19	0.166	22.26	0.168	22.30	0.170
1.4	QPSK	3	1	22.20	0.166	22.23	0.167	22.21	0.166
1.4	QPSK	3	3	22.19	0.166	22.22	0.167	22.19	0.166
1.4	QPSK	6	0	21.34	0.136	21.29	0.135	21.33	0.136
1.4	16QAM	1	0	21.46	0.140	21.43	0.139	21.41	0.138
1.4	16QAM	1	3	21.39	0.138	21.48	0.141	21.37	0.137
1.4	16QAM	1	5	21.37	0.137	21.42	0.139	21.42	0.139
1.4	16QAM	3	0	21.26	0.134	21.26	0.134	21.27	0.134
1.4	16QAM	3	1	21.19	0.132	21.17	0.131	21.23	0.133
1.4	16QAM	3	3	21.22	0.132	21.17	0.131	21.19	0.132
1.4	16QAM	6	0	20.29	0.107	20.27	0.106	20.35	0.108



LTE Band 71				Measured E.I.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	17.03	0.050	17.10	0.051	17.09	0.051
20	QPSK	1	49	17.01	0.050	17.06	0.051	17.05	0.051
20	QPSK	1	99	16.98	0.050	17.04	0.051	16.99	0.050
20	QPSK	50	0	16.16	0.041	16.18	0.041	16.13	0.041
20	QPSK	50	24	16.15	0.041	16.13	0.041	16.10	0.041
20	QPSK	50	50	16.14	0.041	16.11	0.041	16.09	0.041
20	QPSK	100	0	16.16	0.041	16.10	0.041	16.11	0.041
20	16QAM	1	0	15.98	0.040	16.03	0.040	15.95	0.039
20	16QAM	1	49	15.95	0.039	15.97	0.040	15.91	0.039
20	16QAM	1	99	15.74	0.037	15.95	0.039	15.89	0.039
20	16QAM	50	0	15.00	0.032	15.07	0.032	15.05	0.032
20	16QAM	50	24	14.96	0.031	15.02	0.032	15.03	0.032
20	16QAM	50	50	14.97	0.031	15.05	0.032	14.99	0.032
20	16QAM	100	0	14.99	0.032	15.04	0.032	15.01	0.032



LTE Band 71				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				133197		133297		133397	
Frequency (MHz)				670.8		680.5		690.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	16.93	0.049	17.08	0.051	17.05	0.051
15	QPSK	1	37	17.00	0.050	17.00	0.050	16.95	0.050
15	QPSK	1	74	16.90	0.049	16.97	0.050	16.91	0.049
15	QPSK	36	0	16.08	0.041	16.06	0.040	16.04	0.040
15	QPSK	36	20	16.05	0.040	16.09	0.041	16.06	0.040
15	QPSK	36	39	16.11	0.041	16.07	0.040	16.03	0.040
15	QPSK	75	0	16.10	0.041	16.05	0.040	16.05	0.040
15	16QAM	1	0	15.89	0.039	16.02	0.040	15.94	0.039
15	16QAM	1	37	15.91	0.039	15.94	0.039	15.90	0.039
15	16QAM	1	74	15.67	0.037	15.89	0.039	15.79	0.038
15	16QAM	36	0	14.98	0.031	15.05	0.032	15.03	0.032
15	16QAM	36	20	14.86	0.031	14.97	0.031	14.94	0.031
15	16QAM	36	39	14.96	0.031	15.04	0.032	14.95	0.031
15	16QAM	75	0	14.97	0.031	14.97	0.031	14.91	0.031



LTE Band 71				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				133172		133272		133422	
Frequency (MHz)				668		678		693	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	16.95	0.050	17.05	0.051	17.04	0.051
10	QPSK	1	25	16.94	0.049	16.99	0.050	17.00	0.050
10	QPSK	1	49	16.95	0.050	17.00	0.050	16.95	0.050
10	QPSK	25	0	16.17	0.041	16.15	0.041	16.10	0.041
10	QPSK	25	12	16.11	0.041	16.12	0.041	16.01	0.040
10	QPSK	25	25	16.06	0.040	16.01	0.040	16.04	0.040
10	QPSK	50	0	16.07	0.040	16.05	0.040	16.04	0.040
10	16QAM	1	0	15.91	0.039	15.95	0.039	15.93	0.039
10	16QAM	1	25	15.91	0.039	15.92	0.039	15.89	0.039
10	16QAM	1	49	15.66	0.037	15.91	0.039	15.80	0.038
10	16QAM	25	0	14.91	0.031	14.99	0.032	14.98	0.031
10	16QAM	25	12	14.88	0.031	15.00	0.032	14.99	0.032
10	16QAM	25	25	14.92	0.031	15.01	0.032	14.92	0.031
10	16QAM	50	0	14.97	0.031	14.97	0.031	15.00	0.032



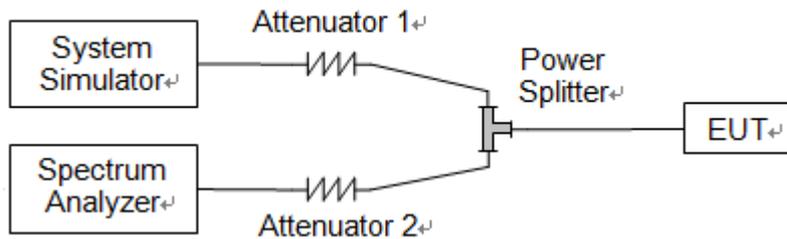
LTE Band 71				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				133147		133247		133447	
Frequency (MHz)				665.5		675.5		695.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	16.97	0.050	17.03	0.050	17.01	0.050
5	QPSK	1	12	16.93	0.049	16.98	0.050	16.99	0.050
5	QPSK	1	24	16.88	0.049	16.99	0.050	16.97	0.050
5	QPSK	12	0	16.11	0.041	16.09	0.041	16.12	0.041
5	QPSK	12	7	16.10	0.041	16.11	0.041	16.09	0.041
5	QPSK	12	13	16.10	0.041	16.03	0.040	16.06	0.040
5	QPSK	25	0	16.12	0.041	16.02	0.040	16.04	0.040
5	16QAM	1	0	15.88	0.039	15.93	0.039	15.94	0.039
5	16QAM	1	12	15.90	0.039	15.95	0.039	15.88	0.039
5	16QAM	1	24	15.73	0.037	15.91	0.039	15.88	0.039
5	16QAM	12	0	14.90	0.031	15.06	0.032	14.98	0.031
5	16QAM	12	7	14.93	0.031	14.96	0.031	14.94	0.031
5	16QAM	12	13	14.95	0.031	15.02	0.032	14.93	0.031
5	16QAM	25	0	14.97	0.031	15.01	0.032	14.99	0.032

## 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	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B2	1.4	Low	18607	1850.7	QPSK	1.0950	1.2502	PASS
B2	1.4	Low	18607	1850.7	16QAM	1.0998	1.2458	PASS
B2	1.4	Mid	18900	1880	QPSK	1.0968	1.2391	PASS
B2	1.4	Mid	18900	1880	16QAM	1.0990	1.2504	PASS
B2	1.4	High	19193	1909.3	QPSK	1.0960	1.2459	PASS
B2	1.4	High	19193	1909.3	16QAM	1.0989	1.2536	PASS
B2	3	Low	18615	1851.5	QPSK	2.7172	3.0570	PASS
B2	3	Low	18615	1851.5	16QAM	2.7137	3.0526	PASS
B2	3	Mid	18900	1880	QPSK	2.7130	3.0605	PASS
B2	3	Mid	18900	1880	16QAM	2.7064	3.0618	PASS
B2	3	High	19185	1908.5	QPSK	2.7142	3.0547	PASS
B2	3	High	19185	1908.5	16QAM	2.7118	3.0485	PASS
B2	5	Low	18625	1852.5	QPSK	4.4731	4.8713	PASS
B2	5	Low	18625	1852.5	16QAM	4.4739	4.9064	PASS
B2	5	Mid	18900	1880	QPSK	4.4724	4.8975	PASS
B2	5	Mid	18900	1880	16QAM	4.4636	4.9168	PASS
B2	5	High	19175	1907.5	QPSK	4.4712	4.8753	PASS
B2	5	High	19175	1907.5	16QAM	4.4708	4.8877	PASS
B2	10	Low	18650	1855	QPSK	8.9591	9.6783	PASS
B2	10	Low	18650	1855	16QAM	8.9276	9.6875	PASS
B2	10	Mid	18900	1880	QPSK	8.9532	9.7580	PASS
B2	10	Mid	18900	1880	16QAM	8.9390	9.7112	PASS
B2	10	High	19150	1905	QPSK	8.9530	9.7904	PASS
B2	10	High	19150	1905	16QAM	8.9448	9.6420	PASS
B2	15	Low	18675	1857.5	QPSK	13.419	14.465	PASS
B2	15	Low	18675	1857.5	16QAM	13.403	14.747	PASS
B2	15	Mid	18900	1880	QPSK	13.426	14.558	PASS
B2	15	Mid	18900	1880	16QAM	13.429	14.706	PASS
B2	15	High	19125	1902.5	QPSK	13.417	14.431	PASS
B2	15	High	19125	1902.5	16QAM	13.408	14.629	PASS
B2	20	Low	18700	1860	QPSK	17.852	19.325	PASS
B2	20	Low	18700	1860	16QAM	17.859	19.473	PASS
B2	20	Mid	18900	1880	QPSK	17.910	19.492	PASS
B2	20	Mid	18900	1880	16QAM	17.917	19.487	PASS
B2	20	High	19100	1900	QPSK	17.834	19.401	PASS



B2	20	High	19100	1900	16QAM	17.867	19.340	PASS
B4	1.4	Low	19957	1710.7	QPSK	1.0960	1.2500	PASS
B4	1.4	Low	19957	1710.7	16QAM	1.0983	1.2477	PASS
B4	1.4	Mid	20175	1732.5	QPSK	1.0963	1.2444	PASS
B4	1.4	Mid	20175	1732.5	16QAM	1.0971	1.2460	PASS
B4	1.4	High	20393	1754.3	QPSK	1.0971	1.2456	PASS
B4	1.4	High	20393	1754.3	16QAM	1.1006	1.2552	PASS
B4	3	Low	19965	1711.5	QPSK	2.7113	3.0535	PASS
B4	3	Low	19965	1711.5	16QAM	2.7182	3.0526	PASS
B4	3	Mid	20175	1732.5	QPSK	2.7172	3.0614	PASS
B4	3	Mid	20175	1732.5	16QAM	2.7169	3.0681	PASS
B4	3	High	20385	1753.5	QPSK	2.7114	3.0442	PASS
B4	3	High	20385	1753.5	16QAM	2.7152	3.0177	PASS
B4	5	Low	19975	1712.5	QPSK	4.4736	4.8808	PASS
B4	5	Low	19975	1712.5	16QAM	4.4695	4.8938	PASS
B4	5	Mid	20175	1732.5	QPSK	4.4733	4.8976	PASS
B4	5	Mid	20175	1732.5	16QAM	4.4759	4.9325	PASS
B4	5	High	20375	1752.5	QPSK	4.4724	4.8831	PASS
B4	5	High	20375	1752.5	16QAM	4.4653	4.8878	PASS
B4	10	Low	20000	1715	QPSK	8.9563	9.7759	PASS
B4	10	Low	20000	1715	16QAM	8.9252	9.6883	PASS
B4	10	Mid	20175	1732.5	QPSK	8.9580	9.7233	PASS
B4	10	Mid	20175	1732.5	16QAM	8.9329	9.7086	PASS
B4	10	High	20350	1750	QPSK	8.9582	9.7743	PASS
B4	10	High	20350	1750	16QAM	8.9147	9.7037	PASS
B4	15	Low	20025	1717.5	QPSK	13.450	14.665	PASS
B4	15	Low	20025	1717.5	16QAM	13.417	14.725	PASS
B4	15	Mid	20175	1732.5	QPSK	13.456	14.622	PASS
B4	15	Mid	20175	1732.5	16QAM	13.438	14.697	PASS
B4	15	High	20325	1747.5	QPSK	13.440	14.622	PASS
B4	15	High	20325	1747.5	16QAM	13.413	14.753	PASS
B4	20	Low	20050	1720	QPSK	17.875	19.342	PASS
B4	20	Low	20050	1720	16QAM	17.901	19.532	PASS
B4	20	Mid	20175	1732.5	QPSK	17.907	19.553	PASS
B4	20	Mid	20175	1732.5	16QAM	17.932	19.597	PASS
B4	20	High	20300	1745	QPSK	17.903	19.501	PASS
B4	20	High	20300	1745	16QAM	17.905	19.515	PASS



LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B5	1.4	Low	20407	824.7	QPSK	1.0963	1.2546	PASS
B5	1.4	Low	20407	824.7	16QAM	1.0997	1.2545	PASS
B5	1.4	Mid	20525	836.5	QPSK	1.0942	1.2427	PASS
B5	1.4	Mid	20525	836.5	16QAM	1.0929	1.2477	PASS
B5	1.4	High	20643	848.3	QPSK	1.0952	1.2506	PASS
B5	1.4	High	20643	848.3	16QAM	1.0966	1.2533	PASS
B5	3	Low	20415	825.5	QPSK	2.7184	3.0621	PASS
B5	3	Low	20415	825.5	16QAM	2.7188	3.0540	PASS
B5	3	Mid	20525	836.5	QPSK	2.7173	3.0354	PASS
B5	3	Mid	20525	836.5	16QAM	2.7121	3.0513	PASS
B5	3	High	20635	847.5	QPSK	2.7126	3.0633	PASS
B5	3	High	20635	847.5	16QAM	2.7080	3.0574	PASS
B5	5	Low	20425	826.5	QPSK	4.4689	4.8746	PASS
B5	5	Low	20425	826.5	16QAM	4.4650	4.8971	PASS
B5	5	Mid	20525	836.5	QPSK	4.4698	4.8860	PASS
B5	5	Mid	20525	836.5	16QAM	4.4652	4.9201	PASS
B5	5	High	20625	846.5	QPSK	4.4740	4.8658	PASS
B5	5	High	20625	846.5	16QAM	4.4709	4.9284	PASS
B5	10	Low	20450	829	QPSK	8.9528	9.7689	PASS
B5	10	Low	20450	829	16QAM	8.9250	9.6818	PASS
B5	10	Mid	20525	836.5	QPSK	8.9476	9.7138	PASS
B5	10	Mid	20525	836.5	16QAM	8.9256	9.6392	PASS
B5	10	High	20600	844	QPSK	8.9548	9.7595	PASS
B5	10	High	20600	844	16QAM	8.9293	9.7390	PASS
B7	5	Low	20775	2502.5	QPSK	4.4631	4.8907	PASS
B7	5	Low	20775	2502.5	16QAM	4.4672	4.8781	PASS
B7	5	Mid	21100	2535	QPSK	4.4717	4.8937	PASS
B7	5	Mid	21100	2535	16QAM	4.4765	4.8750	PASS
B7	5	High	21425	2567.5	QPSK	4.4727	4.8900	PASS
B7	5	High	21425	2567.5	16QAM	4.4757	4.8982	PASS
B7	10	Low	20800	2505	QPSK	8.9661	9.7051	PASS
B7	10	Low	20800	2505	16QAM	8.9408	9.6797	PASS
B7	10	Mid	21100	2535	QPSK	8.9657	9.7442	PASS
B7	10	Mid	21100	2535	16QAM	8.9310	9.7072	PASS
B7	10	High	21400	2565	QPSK	8.9446	9.7075	PASS



B7	10	High	21400	2565	16QAM	8.9377	9.6866	PASS
B7	15	Low	20825	2507.5	QPSK	13.456	14.665	PASS
B7	15	Low	20825	2507.5	16QAM	13.426	14.754	PASS
B7	15	Mid	21100	2535	QPSK	13.448	14.547	PASS
B7	15	Mid	21100	2535	16QAM	13.437	14.825	PASS
B7	15	High	21375	2562.5	QPSK	13.417	14.654	PASS
B7	15	High	21375	2562.5	16QAM	13.417	14.728	PASS
B7	20	Low	20850	2510	QPSK	17.881	19.409	PASS
B7	20	Low	20850	2510	16QAM	17.927	19.339	PASS
B7	20	Mid	21100	2535	QPSK	17.898	19.405	PASS
B7	20	Mid	21100	2535	16QAM	17.929	19.434	PASS
B7	20	High	21350	2560	QPSK	17.858	19.469	PASS
B7	20	High	21350	2560	16QAM	17.881	19.442	PASS



LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B12	1.4	Low	23017	699.7	QPSK	1.0942	1.2399	PASS
B12	1.4	Low	23017	699.7	16QAM	1.0986	1.2448	PASS
B12	1.4	Mid	23095	707.5	QPSK	1.0981	1.2426	PASS
B12	1.4	Mid	23095	707.5	16QAM	1.0965	1.2486	PASS
B12	1.4	High	23173	715.3	QPSK	1.0963	1.2443	PASS
B12	1.4	High	23173	715.3	16QAM	1.0951	1.2489	PASS
B12	3	Low	23025	700.5	QPSK	2.7117	3.0256	PASS
B12	3	Low	23025	700.5	16QAM	2.7072	3.0541	PASS
B12	3	Mid	23095	707.5	QPSK	2.7164	3.0462	PASS
B12	3	Mid	23095	707.5	16QAM	2.7184	3.0455	PASS
B12	3	High	23165	714.5	QPSK	2.7208	3.0547	PASS
B12	3	High	23165	714.5	16QAM	2.7077	3.0260	PASS
B12	5	Low	23035	701.5	QPSK	4.4694	4.8840	PASS
B12	5	Low	23035	701.5	16QAM	4.4652	4.8916	PASS
B12	5	Mid	23095	707.5	QPSK	4.4721	4.8936	PASS
B12	5	Mid	23095	707.5	16QAM	4.4743	4.9008	PASS
B12	5	High	23155	713.5	QPSK	4.4700	4.8821	PASS
B12	5	High	23155	713.5	16QAM	4.4648	4.8822	PASS
B12	10	Low	23060	704	QPSK	8.9583	9.7453	PASS
B12	10	Low	23060	704	16QAM	8.9293	9.6909	PASS
B12	10	Mid	23095	707.5	QPSK	8.9548	9.7741	PASS
B12	10	Mid	23095	707.5	16QAM	8.9474	9.7516	PASS
B12	10	High	23130	711	QPSK	8.9379	9.7473	PASS
B12	10	High	23130	711	16QAM	8.9075	9.6542	PASS
B17	5	Low	23755	706.5	QPSK	4.4761	4.8967	PASS
B17	5	Low	23755	706.5	16QAM	4.4724	4.8752	PASS
B17	5	Mid	23790	710	QPSK	4.4669	4.8578	PASS
B17	5	Mid	23790	710	16QAM	4.4604	4.8977	PASS
B17	5	High	23825	713.5	QPSK	4.4667	4.8870	PASS
B17	5	High	23825	713.5	16QAM	4.4626	4.8593	PASS
B17	10	Low	23780	709	QPSK	8.9512	9.7009	PASS
B17	10	Low	23780	709	16QAM	8.9377	9.7189	PASS
B17	10	Mid	23790	710	QPSK	8.9281	9.7387	PASS
B17	10	Mid	23790	710	16QAM	8.9201	9.6217	PASS
B17	10	High	23800	711	QPSK	8.9415	9.6725	PASS



REPORT No.: SZ24040389W02

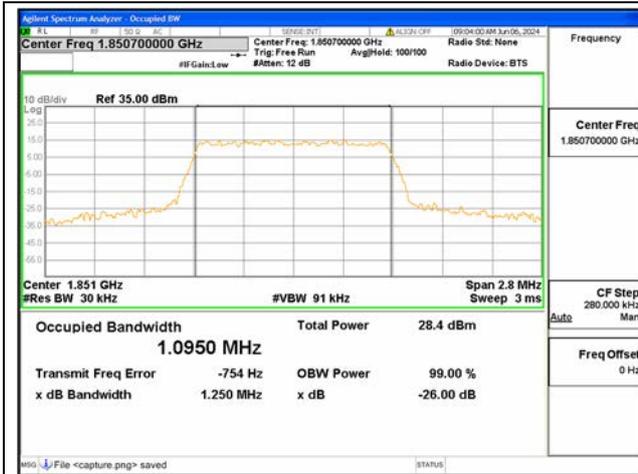
B17	10	High	23800	711	16QAM	8.9233	9.6565	PASS
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LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B66	1.4	Low	131979	1710.7	QPSK	1.0949	1.2451	PASS
B66	1.4	Low	131979	1710.7	16QAM	1.0992	1.2473	PASS
B66	1.4	Mid	132322	1745	QPSK	1.0956	1.2503	PASS
B66	1.4	Mid	132322	1745	16QAM	1.0998	1.2510	PASS
B66	1.4	High	132665	1779.3	QPSK	1.0965	1.2411	PASS
B66	1.4	High	132665	1779.3	16QAM	1.0961	1.2494	PASS
B66	3	Low	131987	1711.5	QPSK	2.7188	3.0513	PASS
B66	3	Low	131987	1711.5	16QAM	2.7119	3.0505	PASS
B66	3	Mid	132322	1745	QPSK	2.7166	3.0481	PASS
B66	3	Mid	132322	1745	16QAM	2.7116	3.0564	PASS
B66	3	High	132657	1778.5	QPSK	2.7169	3.0380	PASS
B66	3	High	132657	1778.5	16QAM	2.7095	3.0601	PASS
B66	5	Low	131997	1712.5	QPSK	4.4699	4.8858	PASS
B66	5	Low	131997	1712.5	16QAM	4.4738	4.8815	PASS
B66	5	Mid	132322	1745	QPSK	4.4685	4.8844	PASS
B66	5	Mid	132322	1745	16QAM	4.4670	4.8800	PASS
B66	5	High	132647	1777.5	QPSK	4.4700	4.8854	PASS
B66	5	High	132647	1777.5	16QAM	4.4732	4.9106	PASS
B66	10	Low	132022	1715	QPSK	8.9604	9.7546	PASS
B66	10	Low	132022	1715	16QAM	8.9235	9.7138	PASS
B66	10	Mid	132322	1745	QPSK	8.9388	9.7494	PASS
B66	10	Mid	132322	1745	16QAM	8.9275	9.6841	PASS
B66	10	High	132622	1775	QPSK	8.9661	9.7946	PASS
B66	10	High	132622	1775	16QAM	8.9368	9.7042	PASS
B66	15	Low	132047	1717.5	QPSK	13.419	14.653	PASS
B66	15	Low	132047	1717.5	16QAM	13.423	14.809	PASS
B66	15	Mid	132322	1745	QPSK	13.428	14.679	PASS
B66	15	Mid	132322	1745	16QAM	13.421	14.673	PASS
B66	15	High	132597	1772.5	QPSK	13.412	14.639	PASS
B66	15	High	132597	1772.5	16QAM	13.415	14.783	PASS
B66	20	Low	132072	1720	QPSK	17.883	19.478	PASS
B66	20	Low	132072	1720	16QAM	17.883	19.482	PASS
B66	20	Mid	132322	1745	QPSK	17.903	19.322	PASS
B66	20	Mid	132322	1745	16QAM	17.926	19.613	PASS
B66	20	High	132572	1770	QPSK	17.915	19.331	PASS



B66	20	High	132572	1770	16QAM	17.919	19.548	PASS
B71	5	Low	133147	665.5	QPSK	4.4671	4.8839	PASS
B71	5	Low	133147	665.5	16QAM	4.4669	4.9037	PASS
B71	5	Mid	133297	680.5	QPSK	4.4732	4.8970	PASS
B71	5	Mid	133297	680.5	16QAM	4.4745	4.8651	PASS
B71	5	High	133447	695.5	QPSK	4.4678	4.8930	PASS
B71	5	High	133447	695.5	16QAM	4.4744	4.9109	PASS
B71	10	Low	133172	668	QPSK	8.9433	9.6985	PASS
B71	10	Low	133172	668	16QAM	8.9313	9.6789	PASS
B71	10	Mid	133297	680.5	QPSK	8.9626	9.7990	PASS
B71	10	Mid	133297	680.5	16QAM	8.9486	9.7332	PASS
B71	10	High	133422	693	QPSK	8.9461	9.7059	PASS
B71	10	High	133422	693	16QAM	8.9295	9.7184	PASS
B71	15	Low	133197	670.5	QPSK	13.437	14.628	PASS
B71	15	Low	133197	670.5	16QAM	13.429	14.725	PASS
B71	15	Mid	133297	680.5	QPSK	13.431	14.665	PASS
B71	15	Mid	133297	680.5	16QAM	13.427	14.741	PASS
B71	15	High	133397	690.5	QPSK	13.413	14.533	PASS
B71	15	High	133397	690.5	16QAM	13.404	14.690	PASS
B71	20	Low	133222	673	QPSK	17.857	19.244	PASS
B71	20	Low	133222	673	16QAM	17.880	19.398	PASS
B71	20	Mid	133322	683	QPSK	17.890	19.277	PASS
B71	20	Mid	133322	683	16QAM	17.930	19.543	PASS
B71	20	High	133372	688	QPSK	17.865	19.384	PASS
B71	20	High	133372	688	16QAM	17.906	19.475	PASS



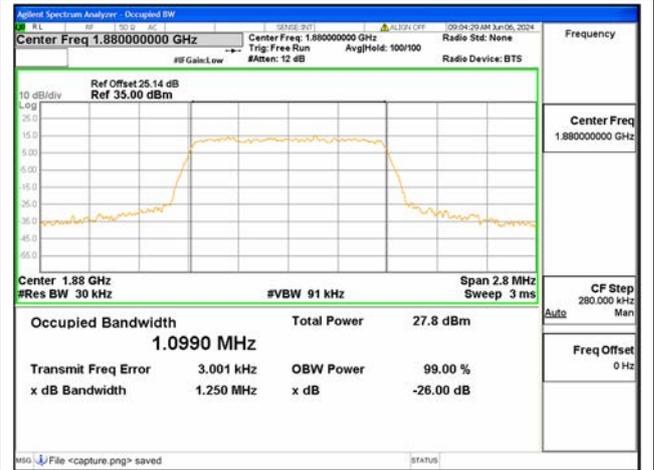
B2 / 1.4MHz / QPSK/ Low CH



B2 / 1.4MHz / 16QAM/ Low CH



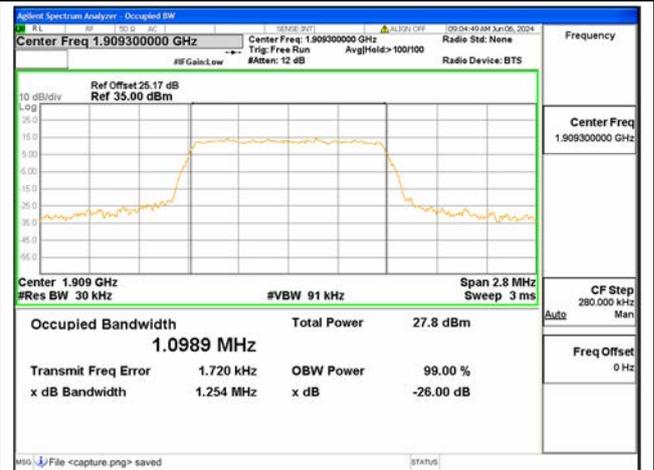
B2 / 1.4MHz / QPSK/ Mid CH



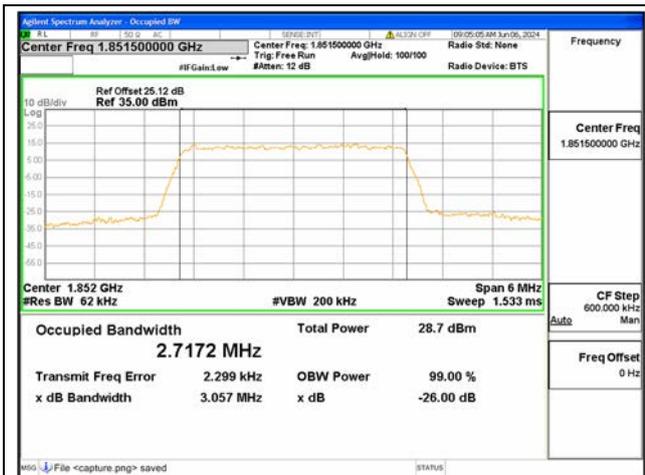
B2 / 1.4MHz / 16QAM/ Mid CH



B2 / 1.4MHz / QPSK/ High CH



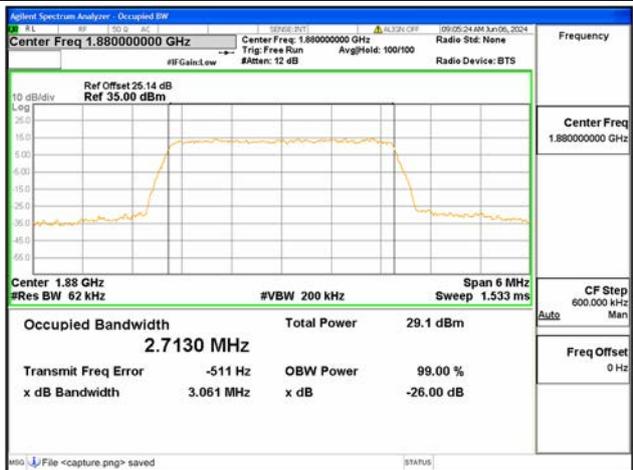
B2 / 1.4MHz / 16QAM/ High CH



B2 / 3MHz / QPSK/ Low CH



B2 / 3MHz / 16QAM/ Low CH



B2 / 3MHz / QPSK/ Mid CH



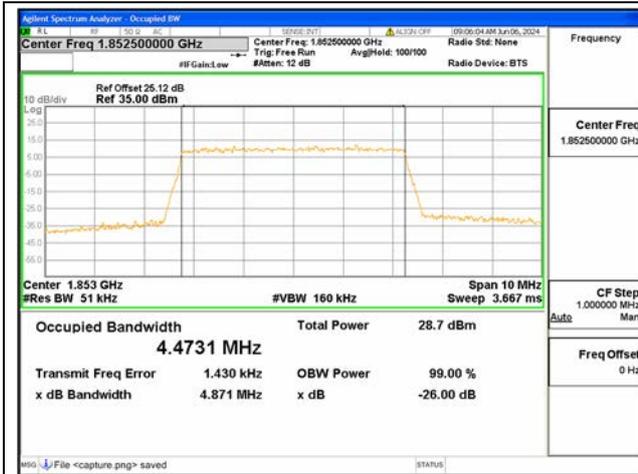
B2 / 3MHz / 16QAM/ Mid CH



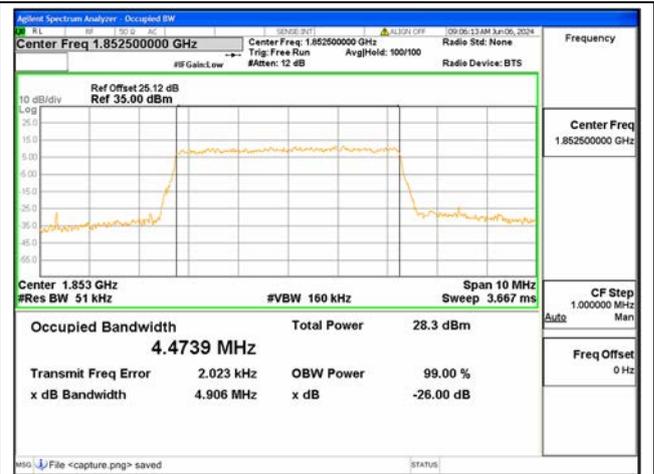
B2 / 3MHz / QPSK/ High CH



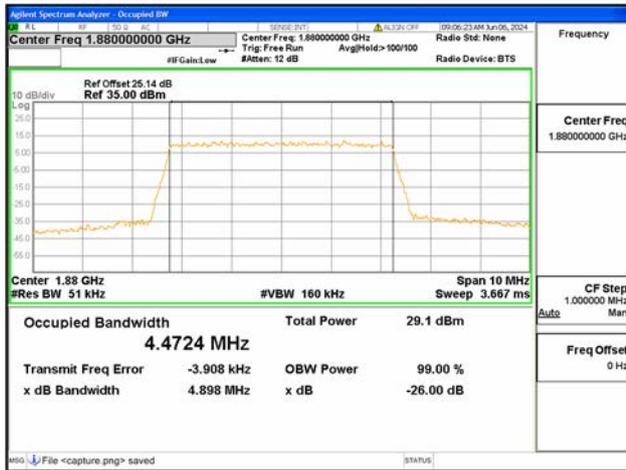
B2 / 3MHz / 16QAM/ High CH



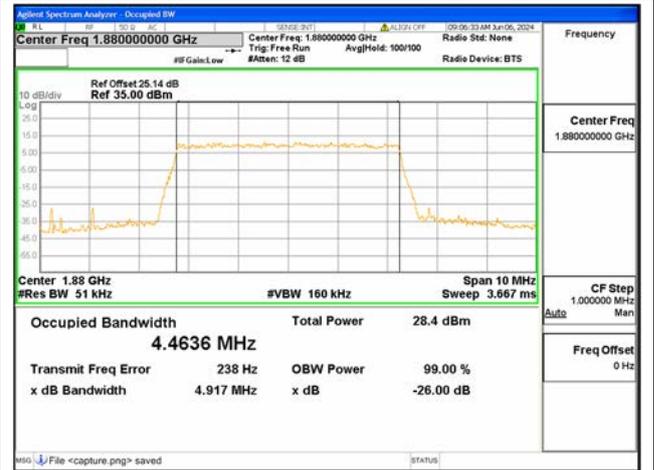
B2 / 5MHz / QPSK/ Low CH



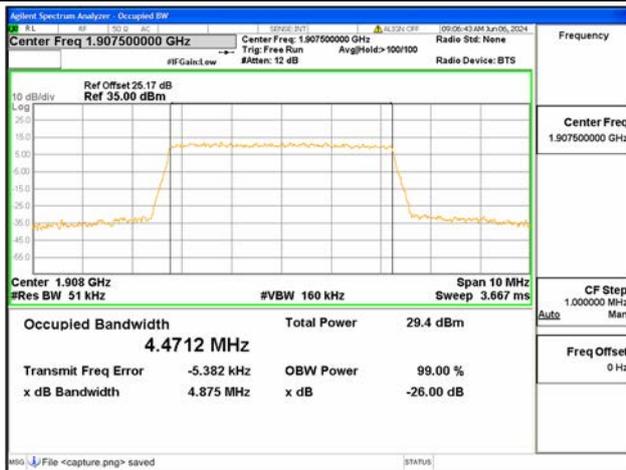
B2 / 5MHz / 16QAM/ Low CH



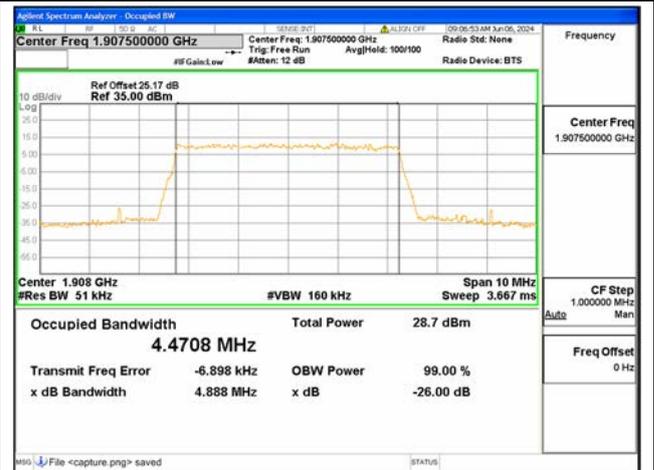
B2 / 5MHz / QPSK/ Mid CH



B2 / 5MHz / 16QAM/ Mid CH



B2 / 5MHz / QPSK/ High CH



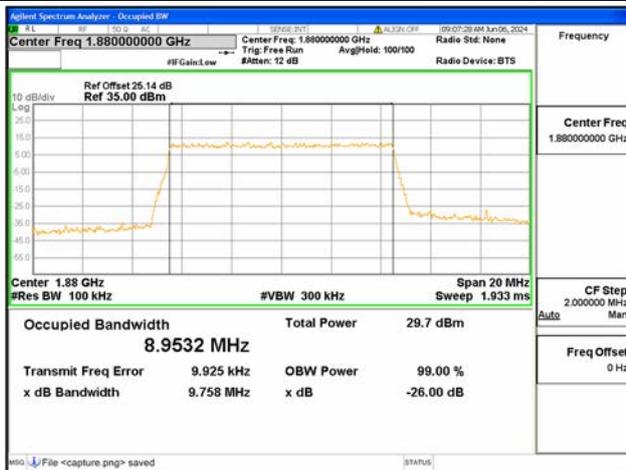
B2 / 5MHz / 16QAM/ High CH



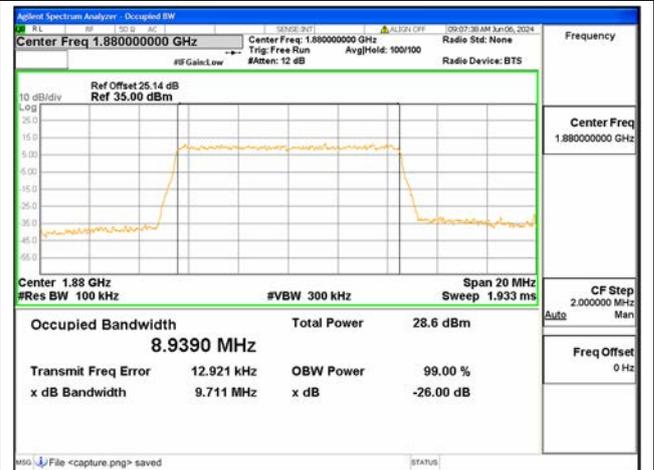
B2 / 10MHz / QPSK/ Low CH



B2 / 10MHz / 16QAM/ Low CH



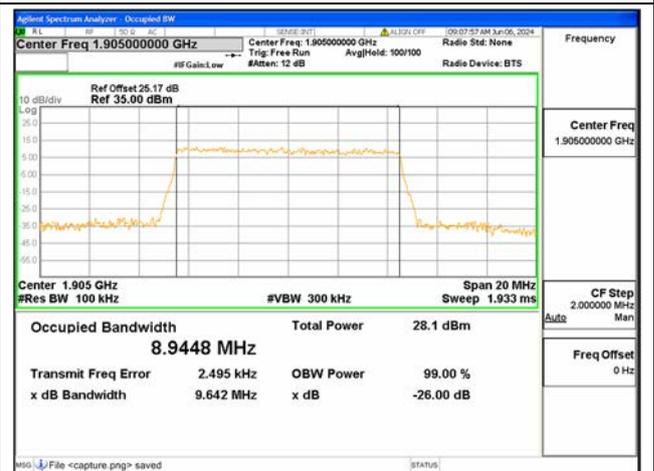
B2 / 10MHz / QPSK/ Mid CH



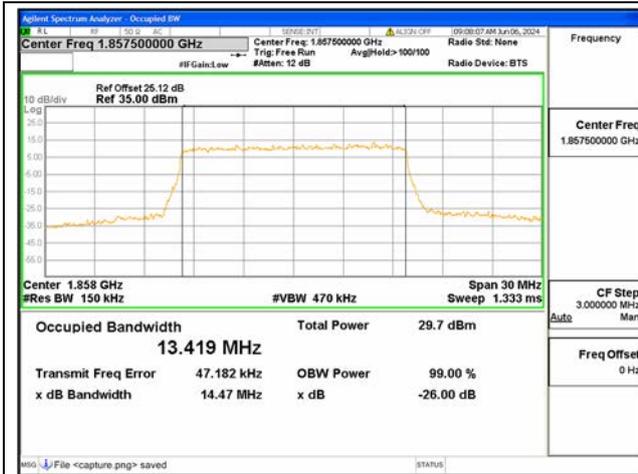
B2 / 10MHz / 16QAM/ Mid CH



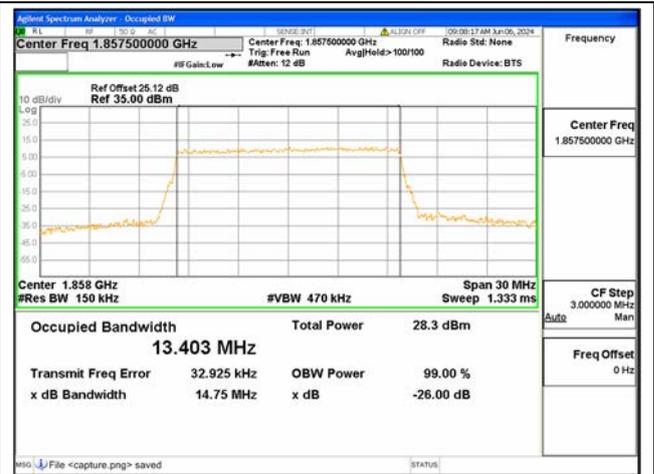
B2 / 10MHz / QPSK/ High CH



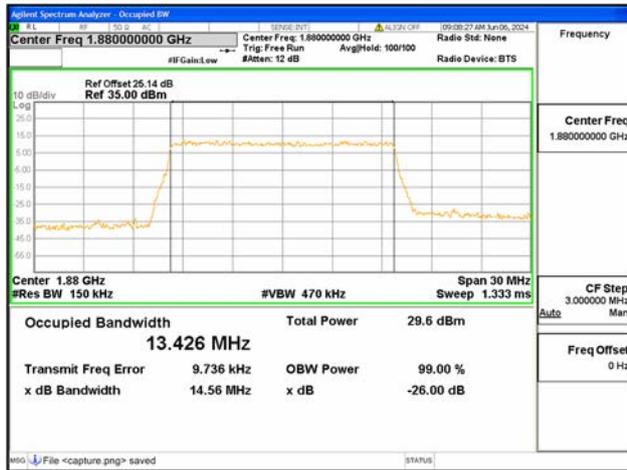
B2 / 10MHz / 16QAM/ High CH



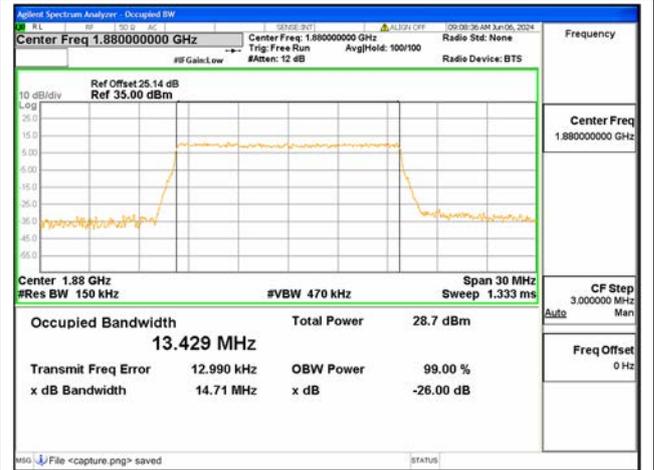
B2 / 15MHz / QPSK/ Low CH



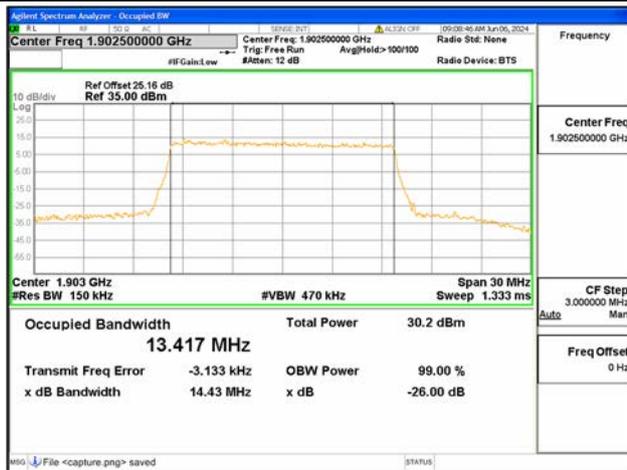
B2 / 15MHz / 16QAM/ Low CH



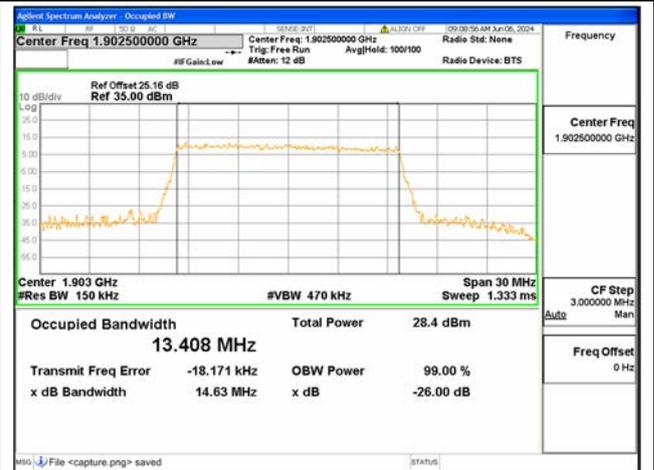
B2 / 15MHz / QPSK/ Mid CH



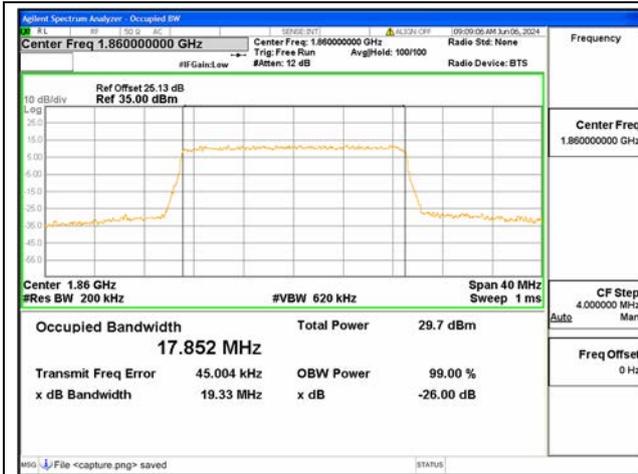
B2 / 15MHz / 16QAM/ Mid CH



B2 / 15MHz / QPSK/ High CH



B2 / 15MHz / 16QAM/ High CH



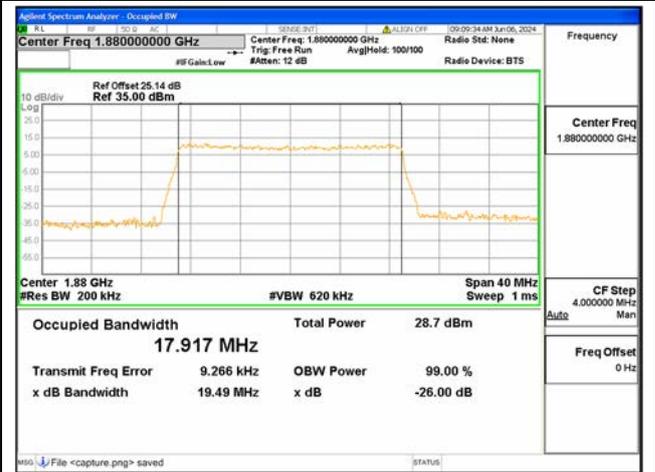
B2 / 20MHz / QPSK/ Low CH



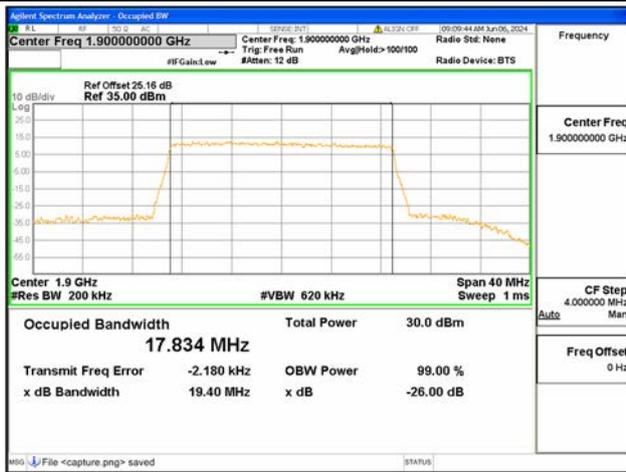
B2 / 20MHz / 16QAM/ Low CH



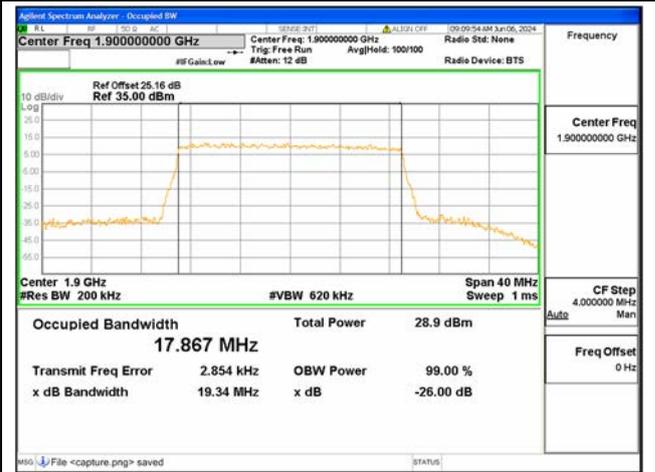
B2 / 20MHz / QPSK/ Mid CH



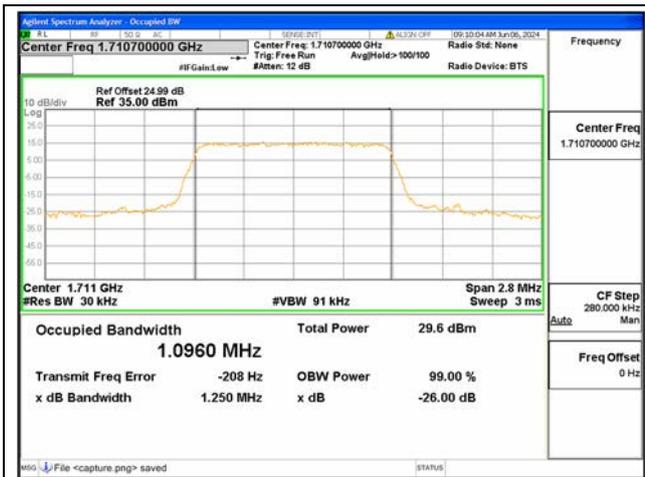
B2 / 20MHz / 16QAM/ Mid CH



B2 / 20MHz / QPSK/ High CH



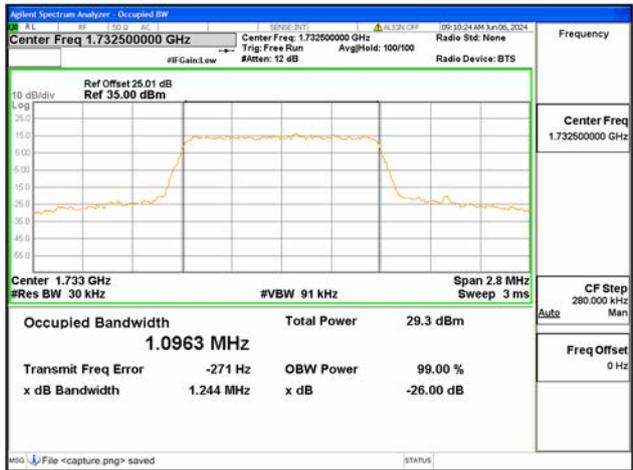
B2 / 20MHz / 16QAM/ High CH



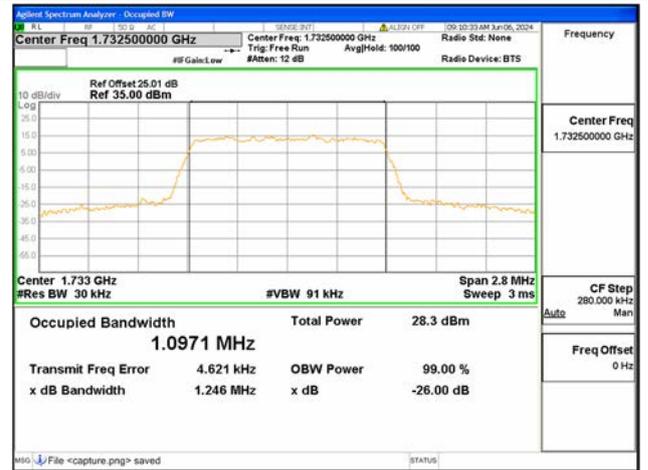
B4 / 1.4MHz / QPSK/ Low CH



B4 / 1.4MHz / 16QAM/ Low CH



B4 / 1.4MHz / QPSK/ Mid CH



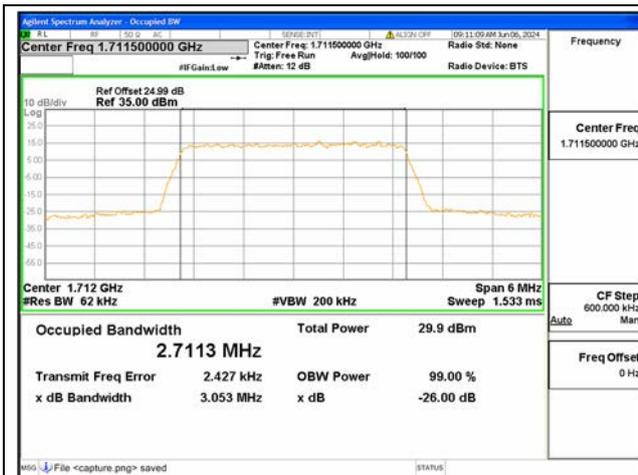
B4 / 1.4MHz / 16QAM/ Mid CH



B4 / 1.4MHz / QPSK/ High CH



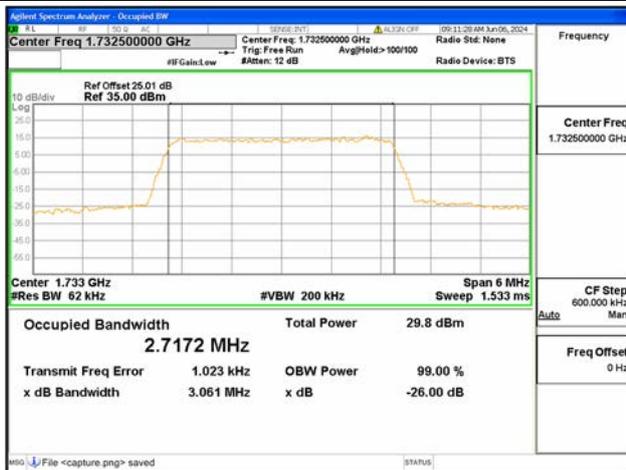
B4 / 1.4MHz / 16QAM/ High CH



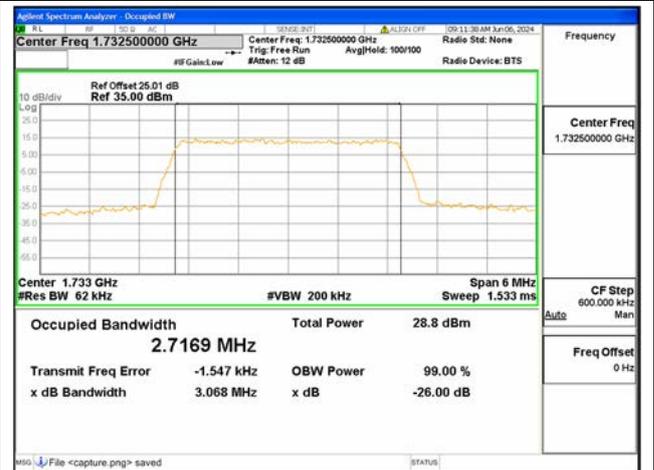
B4 / 3MHz / QPSK/ Low CH



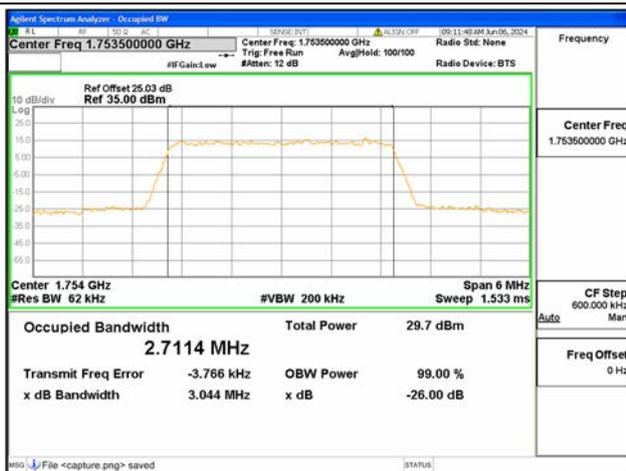
B4 / 3MHz / 16QAM/ Low CH



B4 / 3MHz / QPSK/ Mid CH



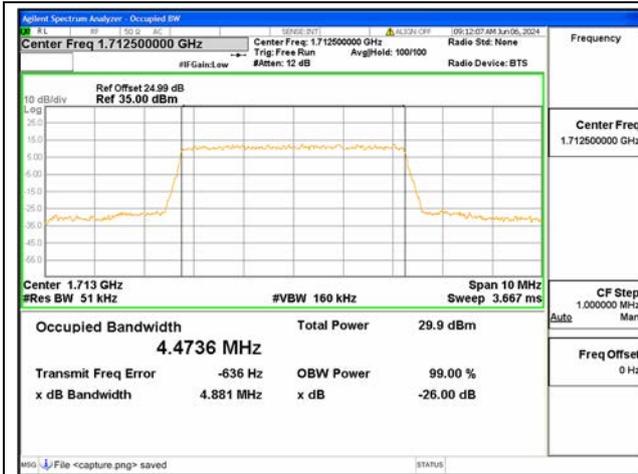
B4 / 3MHz / 16QAM/ Mid CH



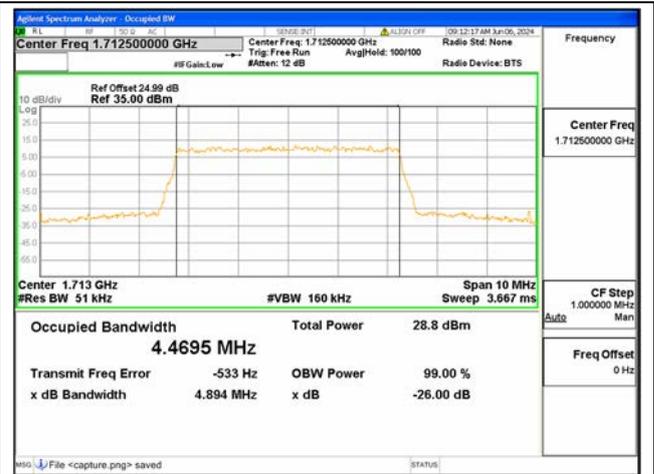
B4 / 3MHz / QPSK/ High CH



B4 / 3MHz / 16QAM/ High CH



B4 / 5MHz / QPSK/ Low CH



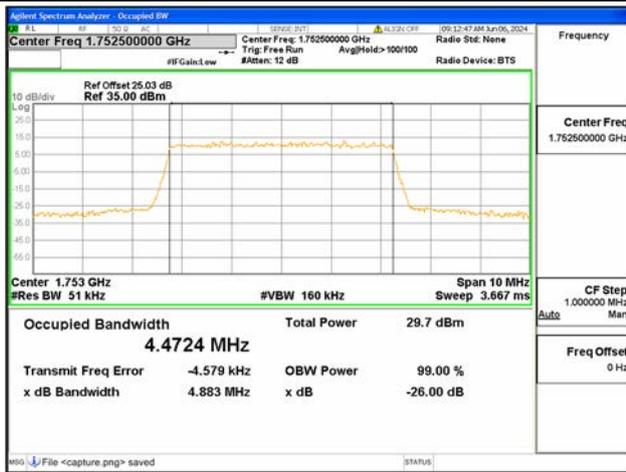
B4 / 5MHz / 16QAM/ Low CH



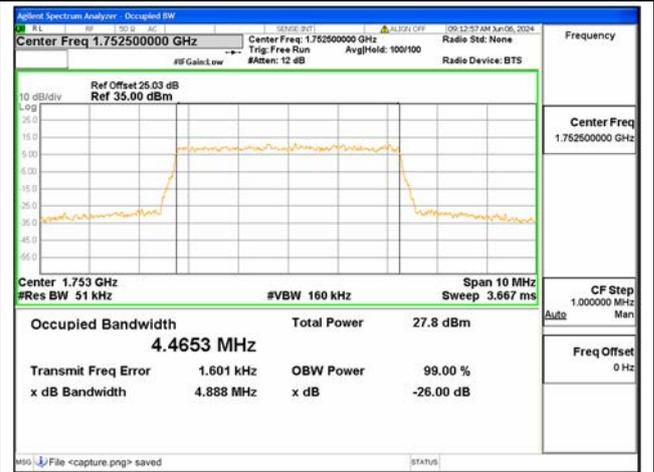
B4 / 5MHz / QPSK/ Mid CH



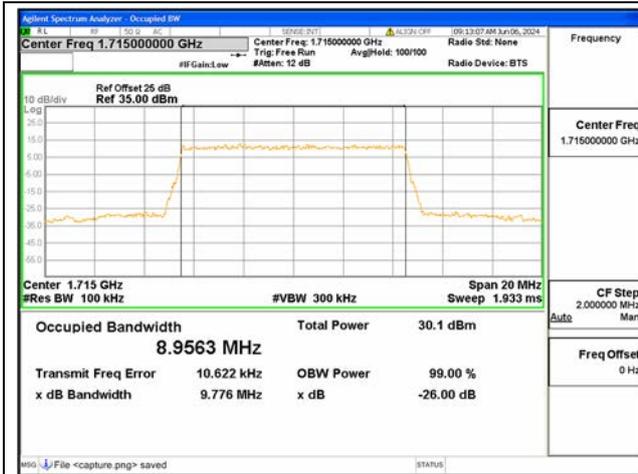
B4 / 5MHz / 16QAM/ Mid CH



B4 / 5MHz / QPSK/ High CH



B4 / 5MHz / 16QAM/ High CH



B4 / 10MHz / QPSK/ Low CH



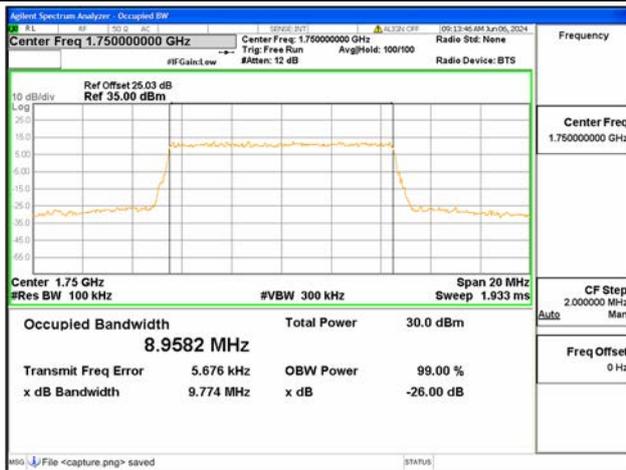
B4 / 10MHz / 16QAM/ Low CH



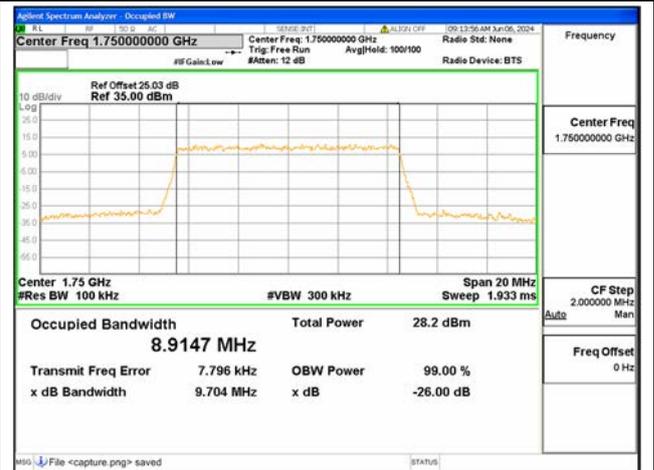
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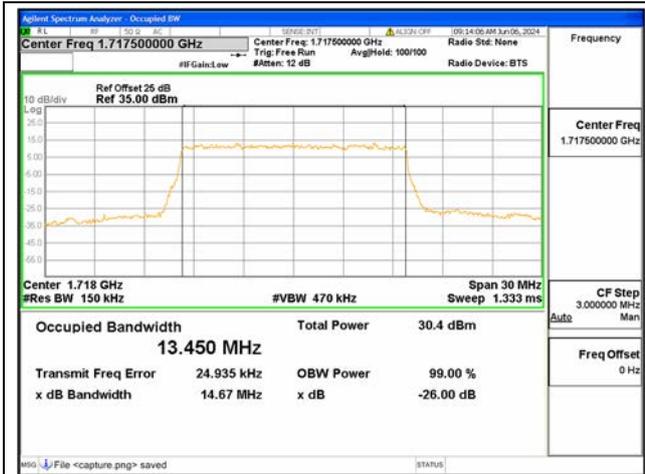
B4 / 10MHz / 16QAM/ Mid CH



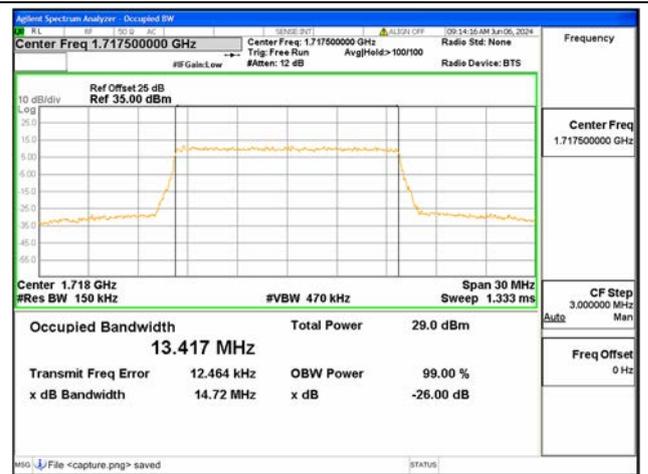
B4 / 10MHz / QPSK/ High CH



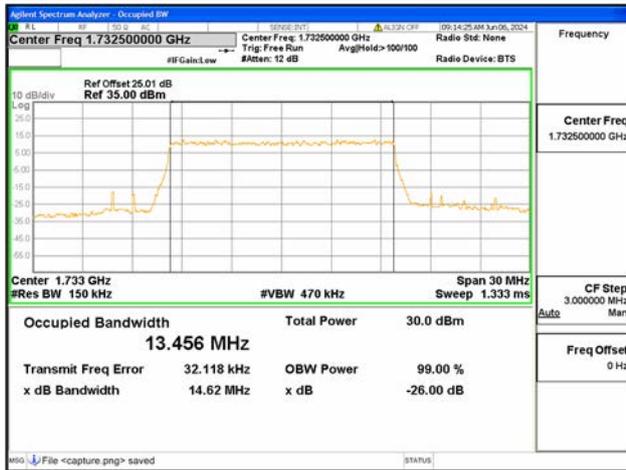
B4 / 10MHz / 16QAM/ High CH



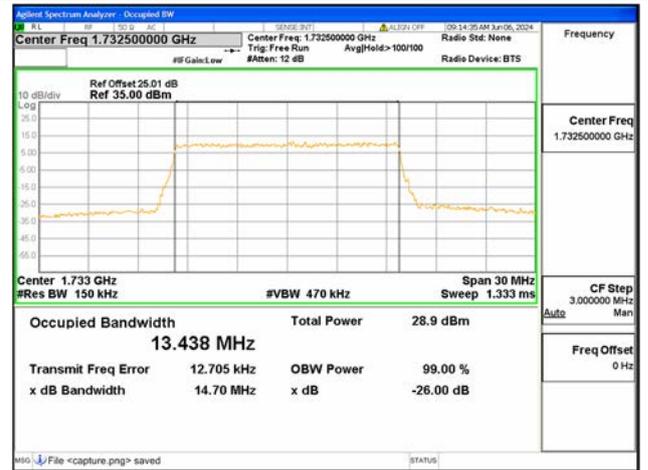
B4 / 15MHz / QPSK/ Low CH



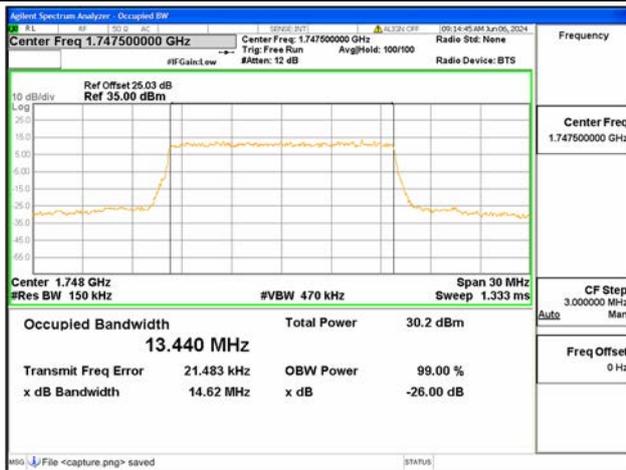
B4 / 15MHz / 16QAM/ Low CH



B4 / 15MHz / QPSK/ Mid CH



B4 / 15MHz / 16QAM/ Mid CH



B4 / 15MHz / QPSK/ High CH



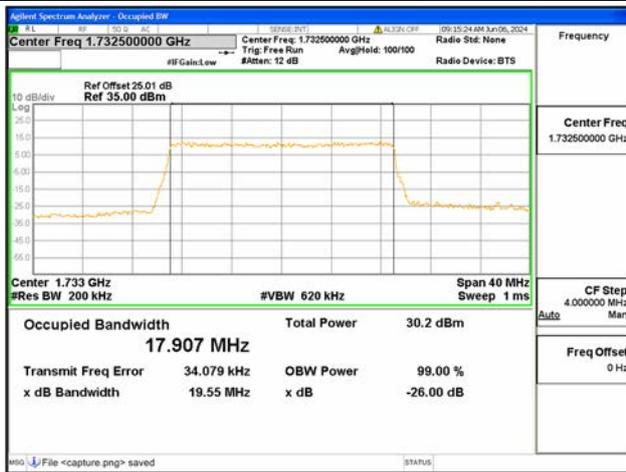
B4 / 15MHz / 16QAM/ High CH



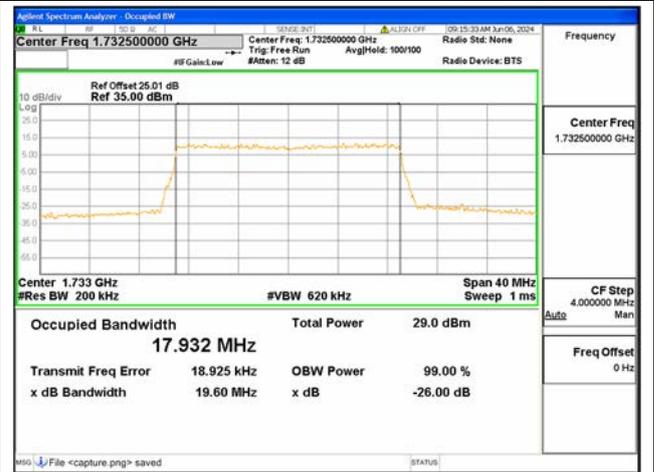
B4 / 20MHz / QPSK/ Low CH



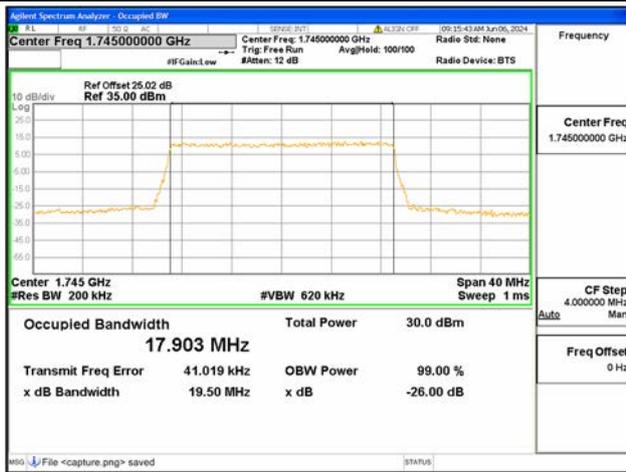
B4 / 20MHz / 16QAM/ Low CH



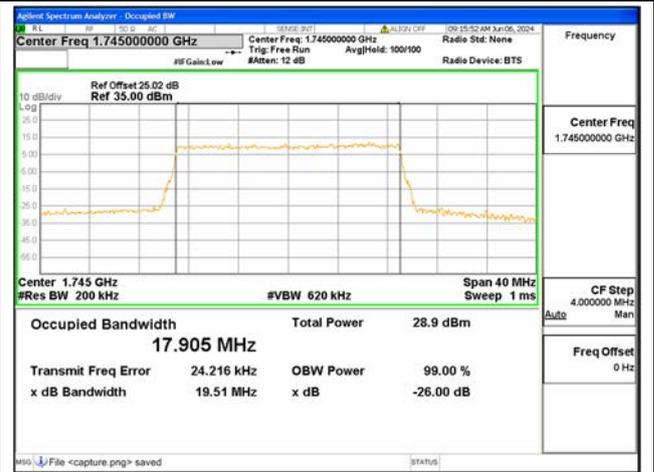
B4 / 20MHz / QPSK/ Mid CH



B4 / 20MHz / 16QAM/ Mid CH



B4 / 20MHz / QPSK/ High CH



B4 / 20MHz / 16QAM/ High CH



B5 / 1.4MHz / QPSK/ Low CH



B5 / 1.4MHz / 16QAM/ Low CH



B5 / 1.4MHz / QPSK/ Mid CH



B5 / 1.4MHz / 16QAM/ Mid CH



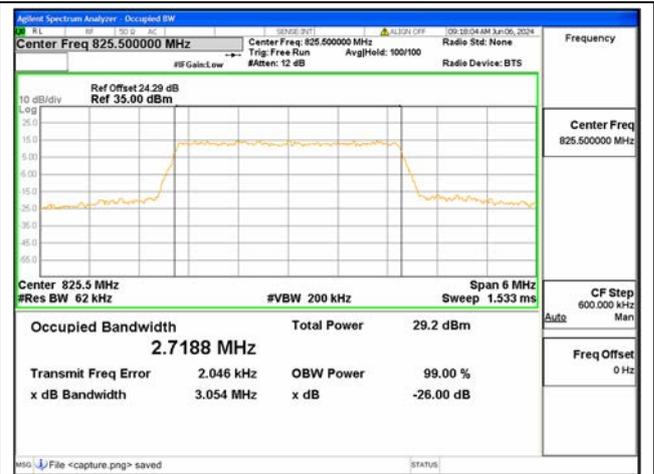
B5 / 1.4MHz / QPSK/ High CH



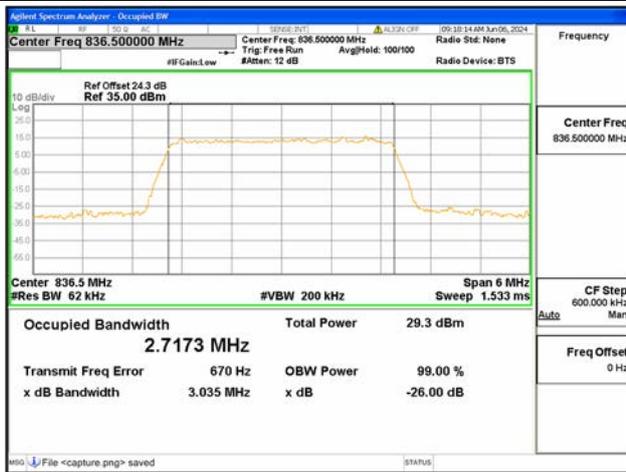
B5 / 1.4MHz / 16QAM/ High CH



B5 / 3MHz / QPSK/ Low CH



B5 / 3MHz / 16QAM/ Low CH



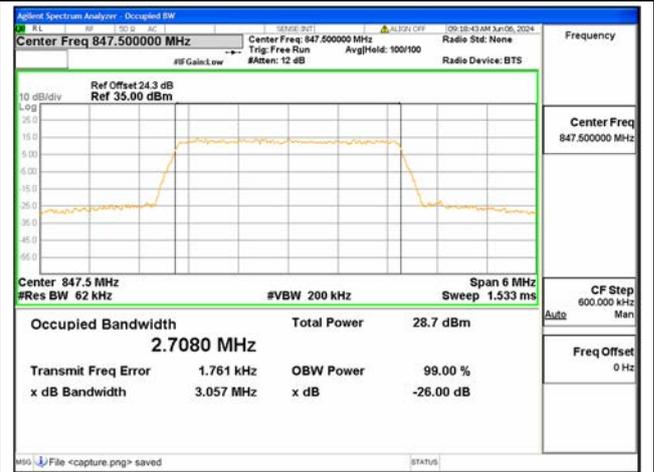
B5 / 3MHz / QPSK/ Mid CH



B5 / 3MHz / 16QAM/ Mid CH



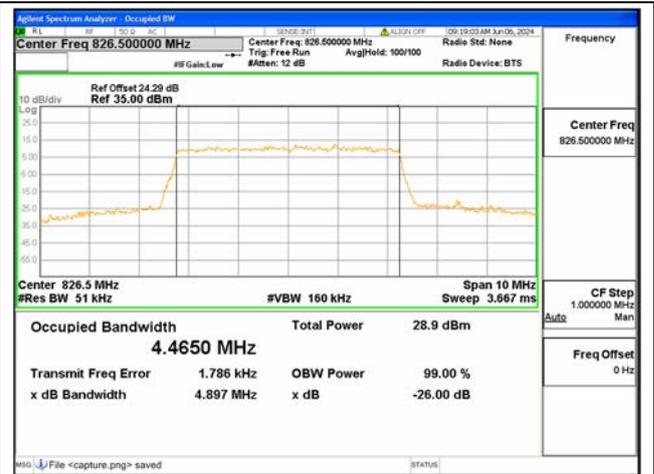
B5 / 3MHz / QPSK/ High CH



B5 / 3MHz / 16QAM/ High CH



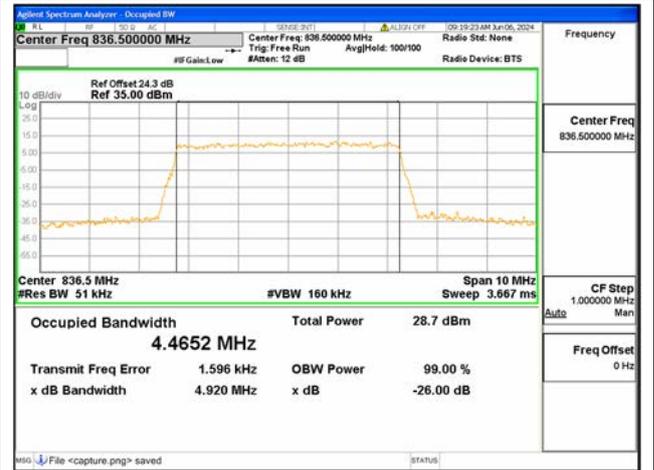
B5 / 5MHz / QPSK/ Low CH



B5 / 5MHz / 16QAM/ Low CH



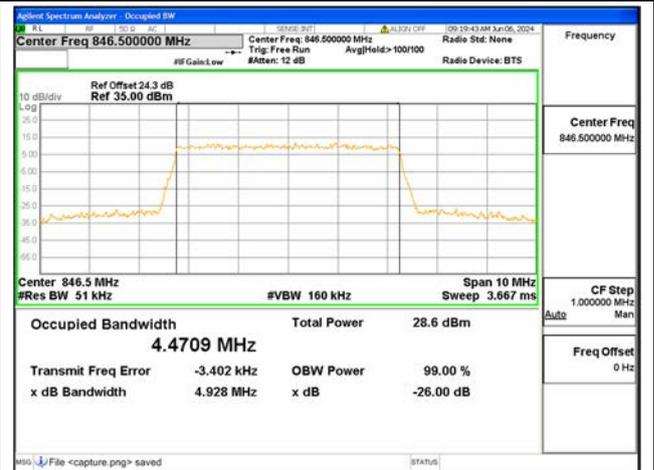
B5 / 5MHz / QPSK/ Mid CH



B5 / 5MHz / 16QAM/ Mid CH



B5 / 5MHz / QPSK/ High CH



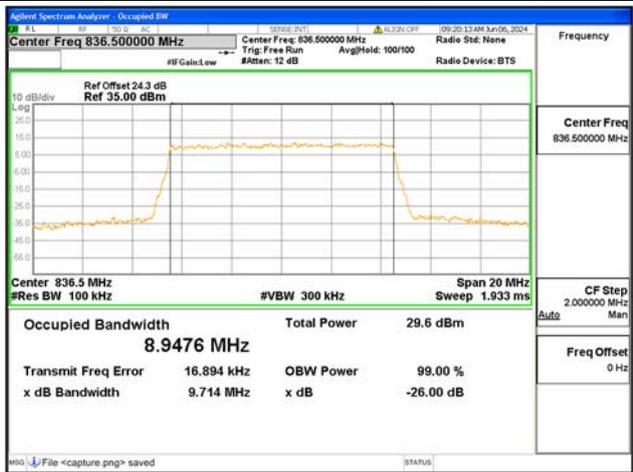
B5 / 5MHz / 16QAM/ High CH



B5 / 10MHz / QPSK/ Low CH



B5 / 10MHz / 16QAM/ Low CH



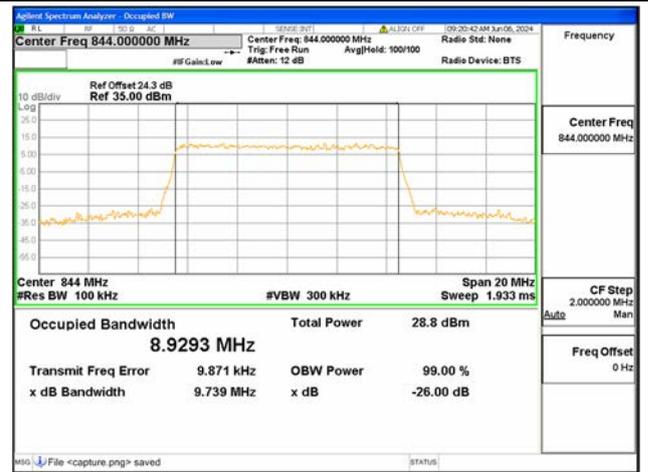
B5 / 10MHz / QPSK/ Mid CH



B5 / 10MHz / 16QAM/ Mid CH



B5 / 10MHz / QPSK/ High CH

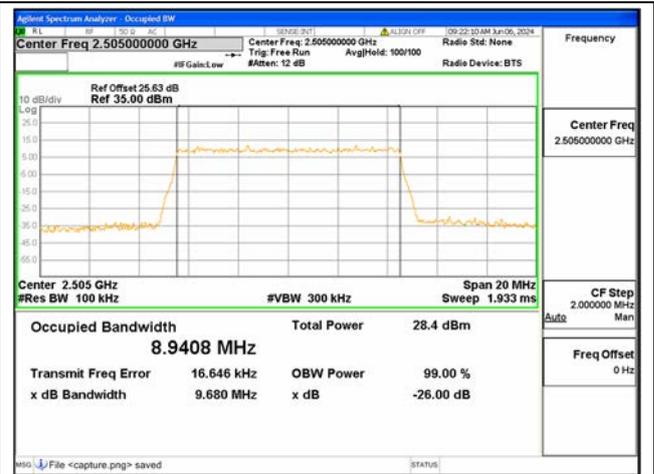


B5 / 10MHz / 16QAM/ High CH





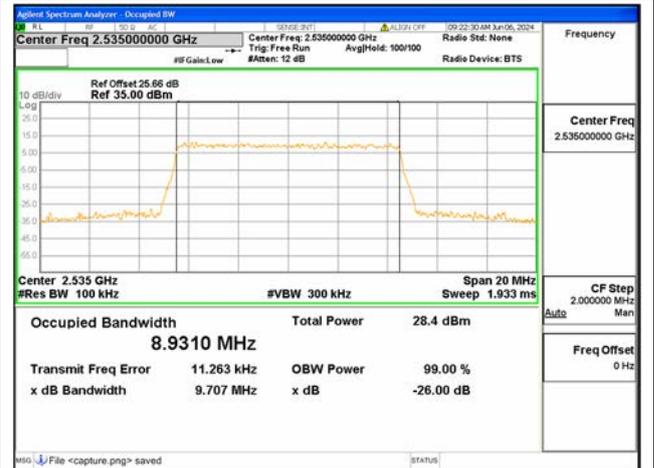
B7 / 10MHz / QPSK/ Low CH



B7 / 10MHz / 16QAM/ Low CH



B7 / 10MHz / QPSK/ Mid CH



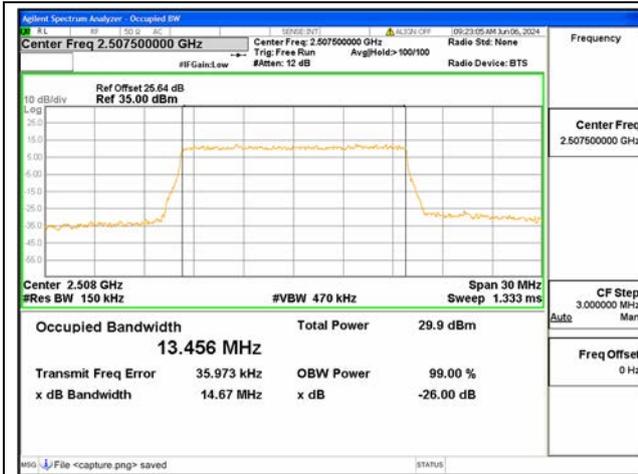
B7 / 10MHz / 16QAM/ Mid CH



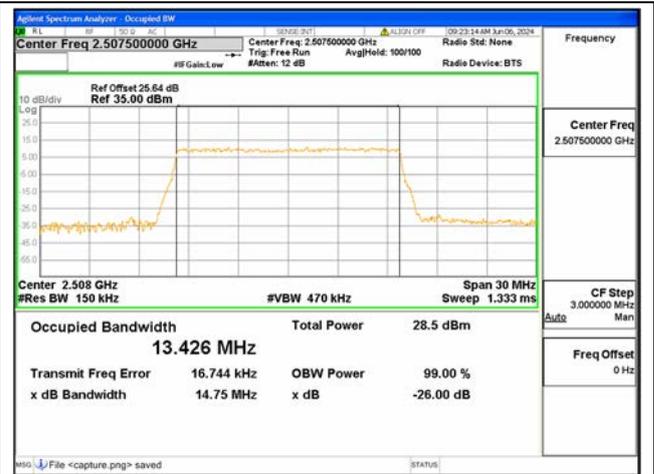
B7 / 10MHz / QPSK/ High CH



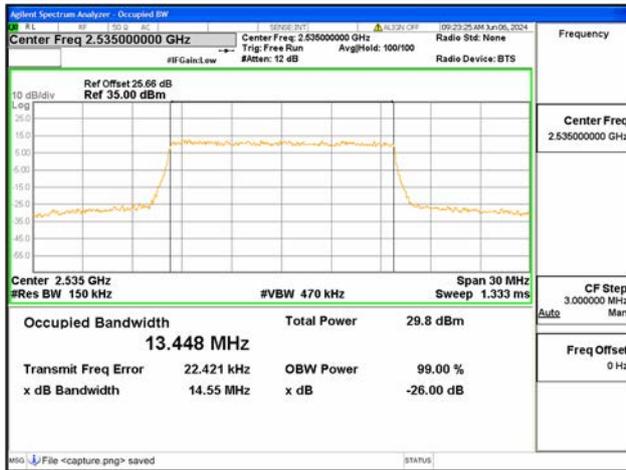
B7 / 10MHz / 16QAM/ High CH



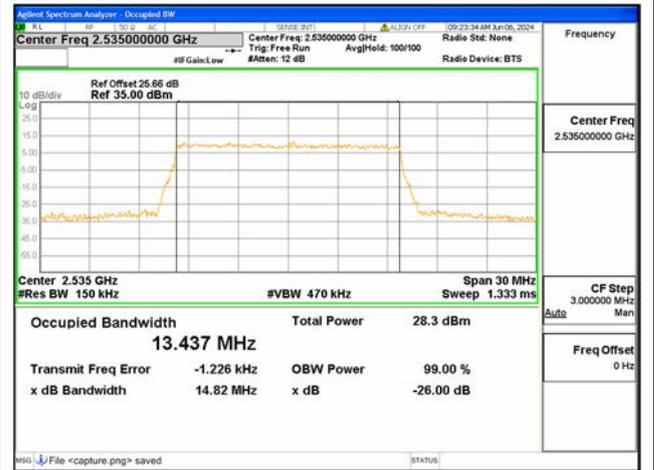
B7 / 15MHz / QPSK/ Low CH



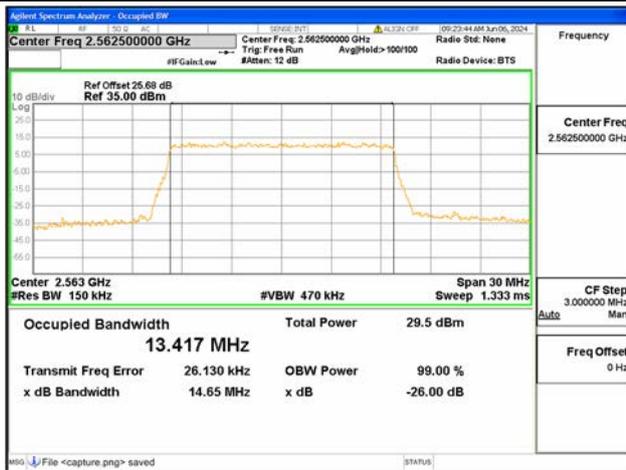
B7 / 15MHz / 16QAM/ Low CH



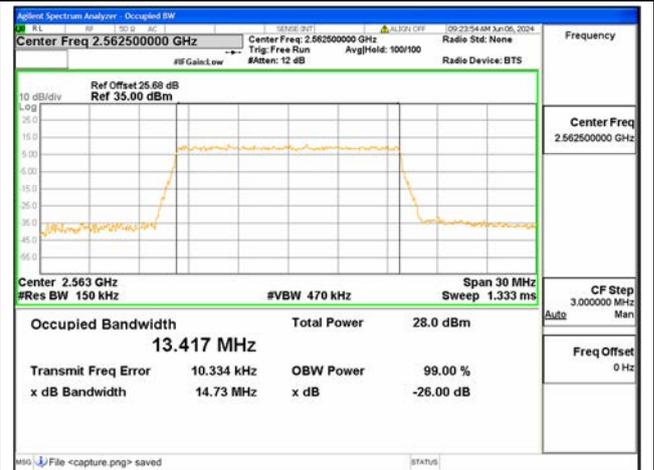
B7 / 15MHz / QPSK/ Mid CH



B7 / 15MHz / 16QAM/ Mid CH



B7 / 15MHz / QPSK/ High CH



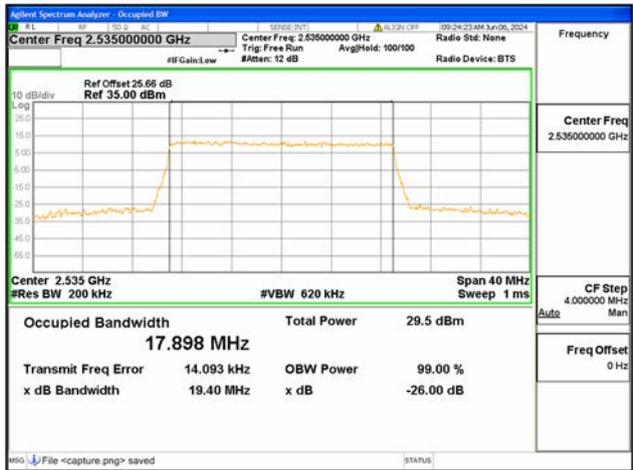
B7 / 15MHz / 16QAM/ High CH



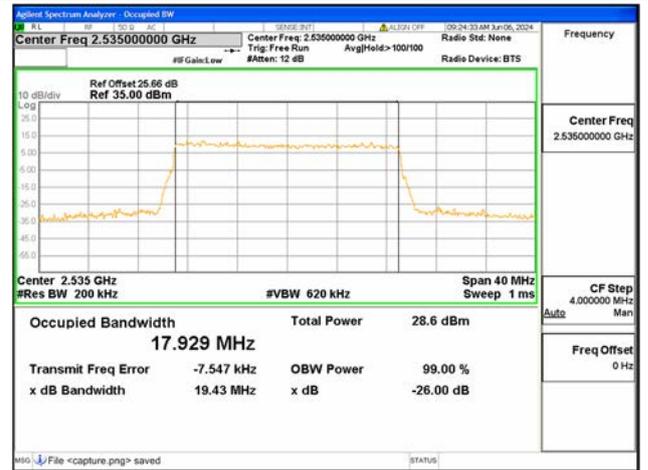
B7 / 20MHz / QPSK/ Low CH



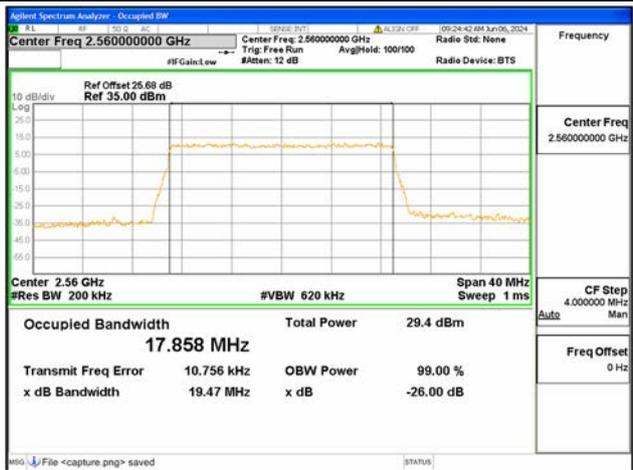
B7 / 20MHz / 16QAM/ Low CH



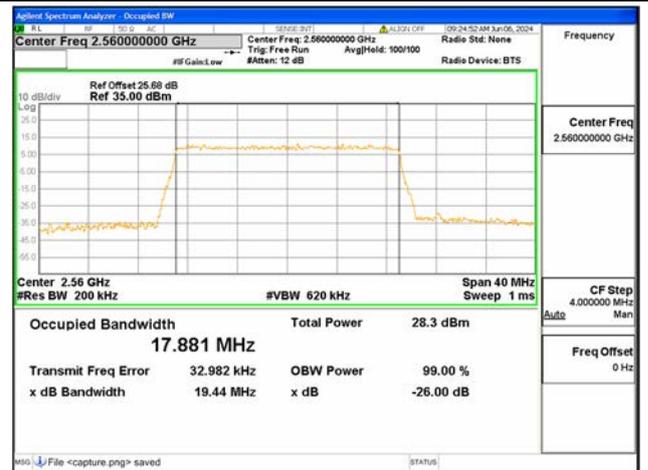
B7 / 20MHz / QPSK/ Mid CH



B7 / 20MHz / 16QAM/ Mid CH



B7 / 20MHz / QPSK/ High CH



B7 / 20MHz / 16QAM/ High CH



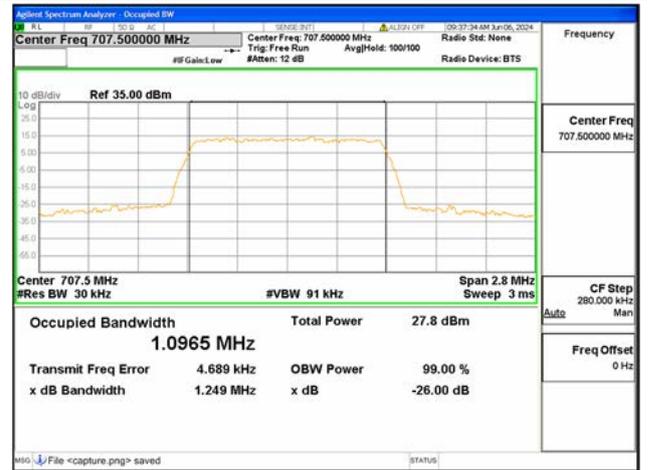
B12 / 1.4MHz / QPSK/ Low CH



B12 / 1.4MHz / 16QAM/ Low CH



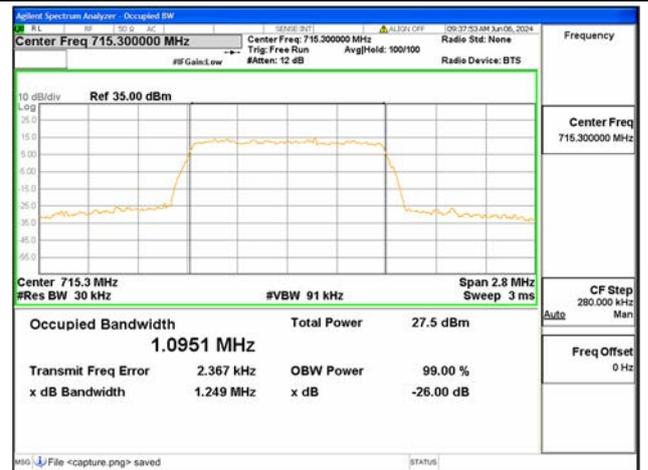
B12 / 1.4MHz / QPSK/ Mid CH



B12 / 1.4MHz / 16QAM/ Mid CH



B12 / 1.4MHz / QPSK/ High CH



B12 / 1.4MHz / 16QAM/ High CH