



# TEST REPORT

**APPLICANT** : BLU Products, Inc.

**PRODUCT NAME** : Smart Phone

**MODEL NAME** : C5L MAX

**BRAND NAME** : BLU

**FCC ID** : YHLBLUC5LMX175

**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** : 2023-04-03

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Change History		
Version	Date	Reason for change
1.0	2023-06-12	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 #200 Doral, FL 33166, USA
<b>Manufacturer:</b>	BLU Products, Inc.
<b>Manufacturer Address:</b>	8600 NW 36th Street, Suite #200 Doral, FL 33166, USA

## 1.2. Equipment Under Test (EUT) Description

<b>Product Name:</b>	Smart Phone	
<b>Sample No.:</b>	5#	
<b>Hardware Version:</b>	A507-MB-V3.6D	
<b>Software Version:</b>	A507-37H_sp9832e_1h10_go2g-userdebug-native_0307_1443	
<b>Modulation Type:</b>	QPSK, 16QAM	
<b>Carrier Aggregation:</b>	Not Support	
<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	-0.90dBi
	LTE Band 4	-0.61dBi
	LTE Band 5	-1.52dBi
	LTE Band 7	-0.77dBi
	LTE Band 12	-1.86dBi
	LTE Band 17	-1.89dBi
	LTE Band 66	-0.97dBi
	LTE Band 71	-1.90dBi
<b>Accessory Information:</b>	Battery	
	Brand Name:	BLU
	Model No.:	C775444200L
	Serial No.:	N/A
	Capacity:	2000mAh
	Rated Voltage:	3.8V
	Charge Limit:	4.35V
	Manufacturer:	Shenzhen Aerospace Electronic Co.,Ltd.
	AC Adapter	
	Brand Name:	BLU
	Model No.:	US-JY-1000
	Serial No.:	N/A
	Rated Output:	5V=1000mA
	Rated Input:	100-240V~50/60Hz, 0.3A
	Manufacturer:	Dongguan Jieyuan Electronic 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		0.191	0.150	18M1G7D	18M1W7D
15		0.191	0.154	13M5G7D	13M5W7D
10		0.190	0.152	9M03G7D	8M98W7D
5		0.189	0.154	4M50G7D	4M51W7D
3		0.190	0.153	2M73G7D	2M72W7D
1.4		0.190	0.153	1M10G7D	1M11W7D
<b>LTE Band 4</b>		<b>Maximum E.R.P./E.I.R.P. (W)</b>		<b>Emission Designator (99%OBW)</b>	
BW(MHz)		QPSK	16QAM	QPSK	16QAM
20		0.208	0.165	18M0G7D	18M1W7D
15		0.207	0.166	13M5G7D	13M5W7D
10		0.208	0.167	9M03G7D	8M98W7D
5		0.207	0.164	4M50G7D	4M52W7D
3		0.207	0.166	2M72G7D	2M71W7D
1.4		0.207	0.163	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		0.094	0.076	9M02G7D	8M98W7D
5		0.094	0.077	4M50G7D	4M51W7D
3		0.094	0.076	2M72G7D	2M72W7D
1.4		0.094	0.075	1M10G7D	1M11W7D
<b>LTE Band 7</b>		<b>Maximum E.R.P./E.I.R.P. (W)</b>		<b>Emission Designator (99%OBW)</b>	
BW(MHz)		QPSK	16QAM	QPSK	16QAM
20		0.177	0.144	18M0G7D	18M1W7D
15		0.176	0.143	13M5G7D	13M5W7D
10		0.175	0.143	9M03G7D	8M99W7D
5		0.175	0.143	4M50G7D	4M51W7D
<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		0.086	0.070	9M04G7D	9M01W7D
5		0.086	0.071	4M51G7D	4M51W7D
3		0.086	0.071	2M71G7D	2M72W7D
1.4		0.086	0.070	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	0.085	0.070	9M01G7D	8M98W7D
5	0.085	0.070	4M50G7D	4M51W7D
<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	0.194	0.157	18M0G7D	18M1W7D
15	0.193	0.155	13M5G7D	13M5W7D
10	0.192	0.156	9M00G7D	8M98W7D
5	0.192	0.153	4M50G7D	4M50W7D
3	0.193	0.158	2M71G7D	2M71W7D
1.4	0.192	0.155	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	0.086	0.069	18M1G7D	18M1W7D
15	0.086	0.069	13M5G7D	13M5W7D
10	0.086	0.069	9M00G7D	8M98W7D
5	0.086	0.069	4M50G7D	4M50W7D



## 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 30, 2023	Zheng Jianhua Li Huaijie	PASS	No deviation
2.1049	Occupied Bandwidth	Apr. 11, 2023	Li Huaijie	PASS	No deviation
2.1055 22.355 24.235 27.54	Frequency Stability	Apr. 25, 2023	Li Huaijie	PASS	No deviation
24.232(d), 27.50(d)(5)	Peak to Average Radio	Apr. 13, 2023	Li Huaijie	PASS	No deviation
2.1051 22.917(a) 24.238(a) 27.53(g) 27.53(h) 27.53(m)(4)	Conducted Spurious Emissions	Apr. 10, 2023	Li Huaijie	PASS	No deviation
2.1051 22.917(a) 24.238(a) 27.53(g)	Band Edge	Apr. 10, 2023	Li Huaijie	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	Apr. 10, 2023	Li Hanbin	PASS	No deviation

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

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

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

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

## 1.5. Environmental Conditions

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

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



## 2. 47 CFR Part 2, Part 22H, Part 24E, Part 27 H&L&M&N Requirements

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

#### 2.1.1. Requirement

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

According to FCC section 24.232 (c) for LTE Band 2, 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.

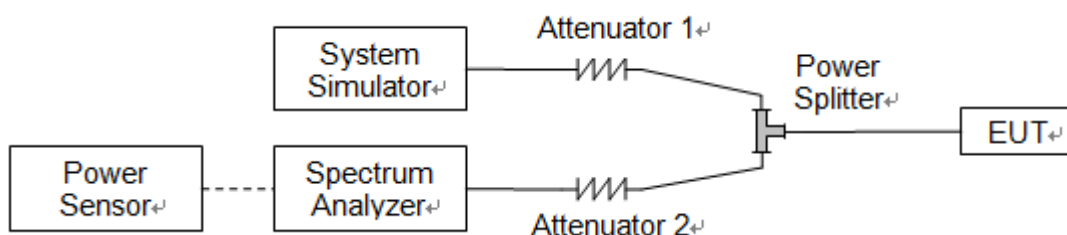
According to FCC section 27.50 (d)(4) for LTE Band 4/66, Fixed, mobile and portable (hand-held) stations in the 1710-1755MHz band are limited to 1wat E.I.R.P.

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:

LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18700	18900	19100
Frequency (MHz)				1860	1880	1900
20	QPSK	1	0	23.56	23.72	23.63
20	QPSK	1	49	23.60	23.65	23.52
20	QPSK	1	99	23.53	23.58	23.61
20	QPSK	50	0	22.69	22.71	22.58
20	QPSK	50	24	22.55	22.59	22.63
20	QPSK	50	50	22.62	22.61	22.57
20	QPSK	100	0	22.63	22.65	22.60
20	16QAM	1	0	22.67	22.65	22.54
20	16QAM	1	49	22.59	22.61	22.64
20	16QAM	1	99	22.53	22.54	22.58
20	16QAM	50	0	21.70	21.72	21.66
20	16QAM	50	24	21.68	21.64	21.53
20	16QAM	50	50	21.57	21.52	21.55
20	16QAM	100	0	21.56	21.60	21.59



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	23.57	23.70	23.56
15	QPSK	1	37	23.62	23.58	23.64
15	QPSK	1	74	23.63	23.62	23.52
15	QPSK	36	0	22.84	22.70	22.60
15	QPSK	36	20	22.62	22.71	22.74
15	QPSK	36	39	22.75	22.66	22.63
15	QPSK	75	0	22.73	22.68	22.74
15	16QAM	1	0	22.78	22.60	22.61
15	16QAM	1	37	22.47	22.65	22.51
15	16QAM	1	74	22.51	22.41	22.55
15	16QAM	36	0	21.66	21.55	21.74
15	16QAM	36	20	21.75	21.46	21.53
15	16QAM	36	39	21.59	21.52	21.64
15	16QAM	75	0	21.45	21.61	21.59



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	23.56	23.69	23.63
10	QPSK	1	25	23.67	23.66	23.57
10	QPSK	1	49	23.63	23.55	23.68
10	QPSK	25	0	22.67	22.51	22.64
10	QPSK	25	12	22.55	22.68	22.49
10	QPSK	25	25	22.46	22.65	22.48
10	QPSK	50	0	22.54	22.48	22.54
10	16QAM	1	0	22.58	22.57	22.58
10	16QAM	1	25	22.55	22.72	22.67
10	16QAM	1	49	22.63	22.54	22.58
10	16QAM	25	0	21.84	21.85	21.81
10	16QAM	25	12	21.78	21.74	21.49
10	16QAM	25	25	21.58	21.63	21.53
10	16QAM	50	0	21.40	21.44	21.57



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				18625	18900	19175
Frequency (MHz)				1852.5	1880	1907.5
5	QPSK	1	0	23.60	23.67	23.50
5	QPSK	1	12	23.57	23.60	23.56
5	QPSK	1	24	23.45	23.61	23.52
5	QPSK	12	0	22.74	22.74	22.55
5	QPSK	12	7	22.52	22.42	22.43
5	QPSK	12	13	22.48	22.72	22.51
5	QPSK	25	0	22.62	22.53	22.41
5	16QAM	1	0	22.59	22.78	22.59
5	16QAM	1	12	22.39	22.49	22.65
5	16QAM	1	24	22.41	22.49	22.47
5	16QAM	12	0	21.77	21.63	21.62
5	16QAM	12	7	21.50	21.56	21.42
5	16QAM	12	13	21.67	21.34	21.68
5	16QAM	25	0	21.40	21.46	21.59



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	23.59	23.69	23.64
3	QPSK	1	8	23.47	23.68	23.53
3	QPSK	1	14	23.52	23.63	23.55
3	QPSK	8	0	22.79	22.80	22.47
3	QPSK	8	4	22.47	22.41	22.47
3	QPSK	8	7	22.75	22.45	22.45
3	QPSK	15	0	22.76	22.65	22.46
3	16QAM	1	0	22.58	22.58	22.58
3	16QAM	1	8	22.40	22.56	22.75
3	16QAM	1	14	22.36	22.36	22.48
3	16QAM	8	0	21.63	21.53	21.69
3	16QAM	8	4	21.51	21.71	21.64
3	16QAM	8	7	21.57	21.36	21.50
3	16QAM	15	0	21.48	21.63	21.58



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	23.62	23.68	23.63
1.4	QPSK	1	3	23.63	23.60	23.66
1.4	QPSK	1	5	23.56	23.58	23.62
1.4	QPSK	3	0	22.56	22.55	22.65
1.4	QPSK	3	1	22.60	22.51	22.66
1.4	QPSK	3	3	22.59	22.58	22.57
1.4	QPSK	6	0	22.63	22.51	22.54
1.4	16QAM	1	0	22.66	22.73	22.48
1.4	16QAM	1	3	22.43	22.49	22.76
1.4	16QAM	1	5	22.54	22.45	22.71
1.4	16QAM	3	0	21.83	21.55	21.73
1.4	16QAM	3	1	21.55	21.68	21.59
1.4	16QAM	3	3	21.70	21.67	21.69
1.4	16QAM	6	0	21.47	21.52	21.40



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				20050	20175	20300
Frequency (MHz)				1720	1732.5	1745
20	QPSK	1	0	23.62	23.80	23.63
20	QPSK	1	49	23.72	23.64	23.70
20	QPSK	1	99	23.70	23.71	23.51
20	QPSK	50	0	22.70	22.75	22.71
20	QPSK	50	24	22.62	22.75	22.80
20	QPSK	50	50	22.70	22.53	22.76
20	QPSK	100	0	22.56	22.84	22.71
20	16QAM	1	0	22.79	22.67	22.48
20	16QAM	1	49	22.61	22.76	22.76
20	16QAM	1	99	22.53	22.45	22.53
20	16QAM	50	0	21.71	21.90	21.66
20	16QAM	50	24	21.75	21.55	21.62
20	16QAM	50	50	21.52	21.46	21.53
20	16QAM	100	0	21.71	21.58	21.59





LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20025	20175	20325
Frequency (MHz)				1717.5	1732.5	1747.5
15	QPSK	1	0	23.56	23.77	23.67
15	QPSK	1	37	23.57	23.62	23.54
15	QPSK	1	74	23.66	23.55	23.57
15	QPSK	36	0	22.83	22.79	22.62
15	QPSK	36	20	22.51	22.52	22.60
15	QPSK	36	39	22.61	22.59	22.53
15	QPSK	75	0	22.66	22.67	22.70
15	16QAM	1	0	22.74	22.58	22.57
15	16QAM	1	37	22.74	22.72	22.82
15	16QAM	1	74	22.49	22.52	22.60
15	16QAM	36	0	21.64	21.81	21.64
15	16QAM	36	20	21.77	21.59	21.57
15	16QAM	36	39	21.74	21.42	21.62
15	16QAM	75	0	21.54	21.54	21.62



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20000	20175	20350
Frequency (MHz)				1715	1732.5	1750
10	QPSK	1	0	23.67	23.79	23.63
10	QPSK	1	25	23.73	23.58	23.64
10	QPSK	1	49	23.64	23.54	23.73
10	QPSK	25	0	22.89	22.85	22.50
10	QPSK	25	12	22.71	22.72	22.55
10	QPSK	25	25	22.59	22.69	22.49
10	QPSK	50	0	22.58	22.79	22.73
10	16QAM	1	0	22.85	22.74	22.47
10	16QAM	1	25	22.56	22.53	22.62
10	16QAM	1	49	22.44	22.45	22.49
10	16QAM	25	0	21.79	21.89	21.69
10	16QAM	25	12	21.84	21.65	21.60
10	16QAM	25	25	21.53	21.52	21.57
10	16QAM	50	0	21.62	21.55	21.65



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				19975	20175	20375
Frequency (MHz)				1712.5	1732.5	1752.5
5	QPSK	1	0	23.62	23.78	23.77
5	QPSK	1	12	23.70	23.65	23.58
5	QPSK	1	24	23.63	23.58	23.51
5	QPSK	12	0	22.72	22.84	22.51
5	QPSK	12	7	22.65	22.76	22.79
5	QPSK	12	13	22.65	22.80	22.56
5	QPSK	25	0	22.63	22.58	22.56
5	16QAM	1	0	22.57	22.77	22.57
5	16QAM	1	12	22.71	22.67	22.65
5	16QAM	1	24	22.69	22.54	22.54
5	16QAM	12	0	21.80	21.85	21.69
5	16QAM	12	7	21.64	21.72	21.70
5	16QAM	12	13	21.50	21.66	21.57
5	16QAM	25	0	21.63	21.56	21.70



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				19965	20175	20385
Frequency (MHz)				1711.5	1732.5	1753.5
3	QPSK	1	0	23.60	23.76	23.74
3	QPSK	1	8	23.66	23.69	23.62
3	QPSK	1	14	23.58	23.57	23.58
3	QPSK	8	0	22.60	22.65	22.60
3	QPSK	8	4	22.58	22.57	22.75
3	QPSK	8	7	22.79	22.59	22.57
3	QPSK	15	0	22.58	22.55	22.56
3	16QAM	1	0	22.69	22.57	22.66
3	16QAM	1	8	22.49	22.58	22.80
3	16QAM	1	14	22.58	22.54	22.50
3	16QAM	8	0	21.71	21.67	21.81
3	16QAM	8	4	21.81	21.71	21.63
3	16QAM	8	7	21.77	21.56	21.58
3	16QAM	15	0	21.62	21.65	21.72



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				19957	20175	20393
Frequency (MHz)				1710.7	1732.5	1754.3
1.4	QPSK	1	0	23.52	23.78	23.68
1.4	QPSK	1	3	23.69	23.71	23.72
1.4	QPSK	1	5	23.60	23.55	23.77
1.4	QPSK	3	0	22.60	22.68	22.73
1.4	QPSK	3	1	22.67	22.78	22.78
1.4	QPSK	3	3	22.56	22.57	22.55
1.4	QPSK	6	0	22.60	22.60	22.72
1.4	16QAM	1	0	22.74	22.73	22.51
1.4	16QAM	1	3	22.56	22.52	22.60
1.4	16QAM	1	5	22.73	22.73	22.66
1.4	16QAM	3	0	21.72	21.87	21.75
1.4	16QAM	3	1	21.58	21.68	21.55
1.4	16QAM	3	3	21.52	21.60	21.50
1.4	16QAM	6	0	21.66	21.77	21.69



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	23.37	23.42	23.26
10	QPSK	1	25	23.34	23.35	23.40
10	QPSK	1	49	23.24	23.37	23.27
10	QPSK	25	0	22.43	22.44	22.23
10	QPSK	25	12	22.39	22.24	22.37
10	QPSK	25	25	22.47	22.39	22.45
10	QPSK	50	0	22.31	22.39	22.25
10	16QAM	1	0	22.39	22.46	22.34
10	16QAM	1	25	22.28	22.41	22.24
10	16QAM	1	49	22.19	22.24	22.46
10	16QAM	25	0	21.47	21.50	21.51
10	16QAM	25	12	21.41	21.26	21.19
10	16QAM	25	25	21.24	21.21	21.37
10	16QAM	50	0	21.23	21.32	21.29



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	23.24	23.40	23.31
5	QPSK	1	12	23.33	23.33	23.24
5	QPSK	1	24	23.28	23.25	23.29
5	QPSK	12	0	22.29	22.43	22.47
5	QPSK	12	7	22.17	22.49	22.34
5	QPSK	12	13	22.42	22.32	22.40
5	QPSK	25	0	22.36	22.55	22.23
5	16QAM	1	0	22.51	22.39	22.19
5	16QAM	1	12	22.37	22.30	22.31
5	16QAM	1	24	22.15	22.42	22.18
5	16QAM	12	0	21.41	21.48	21.44
5	16QAM	12	7	21.49	21.41	21.23
5	16QAM	12	13	21.32	21.20	21.20
5	16QAM	25	0	21.42	21.42	21.45



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	23.32	23.39	23.30
3	QPSK	1	8	23.21	23.37	23.32
3	QPSK	1	14	23.31	23.25	23.29
3	QPSK	8	0	22.53	22.32	22.30
3	QPSK	8	4	22.16	22.31	22.48
3	QPSK	8	7	22.44	22.40	22.40
3	QPSK	15	0	22.29	22.37	22.43
3	16QAM	1	0	22.32	22.39	22.24
3	16QAM	1	8	22.19	22.43	22.46
3	16QAM	1	14	22.19	22.34	22.33
3	16QAM	8	0	21.57	21.50	21.35
3	16QAM	8	4	21.31	21.53	21.28
3	16QAM	8	7	21.35	21.24	21.17
3	16QAM	15	0	21.32	21.30	21.22





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	23.27	23.38	23.29
1.4	QPSK	1	3	23.30	23.37	23.28
1.4	QPSK	1	5	23.32	23.31	23.25
1.4	QPSK	3	0	22.40	22.54	22.18
1.4	QPSK	3	1	22.22	22.39	22.51
1.4	QPSK	3	3	22.25	22.47	22.45
1.4	QPSK	6	0	22.49	22.29	22.49
1.4	16QAM	1	0	22.39	22.44	22.24
1.4	16QAM	1	3	22.22	22.34	22.36
1.4	16QAM	1	5	22.16	22.44	22.39
1.4	16QAM	3	0	21.46	21.43	21.56
1.4	16QAM	3	1	21.41	21.38	21.33
1.4	16QAM	3	3	21.42	21.35	21.36
1.4	16QAM	6	0	21.25	21.20	21.26



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	23.11	23.25	23.21
20	QPSK	1	49	23.21	23.17	23.18
20	QPSK	1	99	23.23	23.03	23.17
20	QPSK	50	0	22.32	22.36	22.15
20	QPSK	50	24	22.06	22.22	22.14
20	QPSK	50	50	22.23	22.24	22.25
20	QPSK	100	0	22.26	22.05	22.29
20	16QAM	1	0	22.35	22.26	22.12
20	16QAM	1	49	22.26	22.30	22.23
20	16QAM	1	99	22.00	22.21	22.02
20	16QAM	50	0	21.36	21.30	21.19
20	16QAM	50	24	21.15	21.22	21.21
20	16QAM	50	50	21.03	21.02	21.07
20	16QAM	100	0	21.13	21.30	21.10



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	23.16	23.22	23.18
15	QPSK	1	37	23.04	23.13	23.14
15	QPSK	1	74	23.12	23.18	23.06
15	QPSK	36	0	22.35	22.16	22.09
15	QPSK	36	20	22.05	22.26	22.22
15	QPSK	36	39	22.19	22.30	22.20
15	QPSK	75	0	22.06	22.08	22.05
15	16QAM	1	0	22.12	22.16	22.10
15	16QAM	1	37	22.13	22.23	22.31
15	16QAM	1	74	22.20	22.05	22.26
15	16QAM	36	0	21.29	21.13	21.13
15	16QAM	36	20	21.13	21.05	21.12
15	16QAM	36	39	21.27	21.10	21.11
15	16QAM	75	0	21.06	21.12	21.24



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	23.16	23.20	23.11
10	QPSK	1	25	23.13	23.15	23.14
10	QPSK	1	49	23.11	23.09	23.09
10	QPSK	25	0	22.35	22.41	22.17
10	QPSK	25	12	22.07	22.09	22.30
10	QPSK	25	25	22.03	22.23	22.01
10	QPSK	50	0	22.31	22.07	22.27
10	16QAM	1	0	22.20	22.18	22.05
10	16QAM	1	25	22.24	22.06	22.33
10	16QAM	1	49	22.22	22.08	22.06
10	16QAM	25	0	21.29	21.24	21.27
10	16QAM	25	12	21.15	21.06	21.08
10	16QAM	25	25	21.17	21.07	21.19
10	16QAM	50	0	21.04	21.05	21.18



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	23.05	23.21	23.07
5	QPSK	1	12	23.09	23.19	23.06
5	QPSK	1	24	23.10	23.12	23.13
5	QPSK	12	0	22.26	22.32	22.15
5	QPSK	12	7	22.12	22.10	22.24
5	QPSK	12	13	22.28	22.21	22.05
5	QPSK	25	0	22.32	22.15	22.27
5	16QAM	1	0	22.32	22.15	22.07
5	16QAM	1	12	22.26	22.20	22.26
5	16QAM	1	24	22.18	22.05	22.15
5	16QAM	12	0	21.20	21.19	21.10
5	16QAM	12	7	21.37	21.31	21.17
5	16QAM	12	13	21.13	21.22	21.00
5	16QAM	25	0	21.07	21.30	21.05



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	23.22	23.38	23.37
10	QPSK	1	25	23.34	23.33	23.28
10	QPSK	1	49	23.29	23.37	23.29
10	QPSK	25	0	22.37	22.44	22.28
10	QPSK	25	12	22.19	22.31	22.41
10	QPSK	25	25	22.32	22.37	22.31
10	QPSK	50	0	22.47	22.36	22.25
10	16QAM	1	0	22.32	22.41	22.43
10	16QAM	1	25	22.47	22.28	22.44
10	16QAM	1	49	22.40	22.36	22.38
10	16QAM	25	0	21.43	21.55	21.50
10	16QAM	25	12	21.51	21.52	21.28
10	16QAM	25	25	21.33	21.24	21.26
10	16QAM	50	0	21.18	21.43	21.29



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	23.29	23.37	23.27
5	QPSK	1	12	23.34	23.32	23.14
5	QPSK	1	24	23.18	23.37	23.34
5	QPSK	12	0	22.30	22.32	22.36
5	QPSK	12	7	22.22	22.19	22.30
5	QPSK	12	13	22.35	22.32	22.28
5	QPSK	25	0	22.35	22.26	22.43
5	16QAM	1	0	22.54	22.28	22.42
5	16QAM	1	12	22.44	22.41	22.26
5	16QAM	1	24	22.42	22.29	22.22
5	16QAM	12	0	21.37	21.43	21.41
5	16QAM	12	7	21.30	21.30	21.16
5	16QAM	12	13	21.37	21.40	21.44
5	16QAM	25	0	21.43	21.42	21.35



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	23.28	23.35	23.31
3	QPSK	1	8	23.26	23.29	23.33
3	QPSK	1	14	23.24	23.32	23.22
3	QPSK	8	0	22.41	22.46	22.45
3	QPSK	8	4	22.34	22.35	22.52
3	QPSK	8	7	22.41	22.23	22.34
3	QPSK	15	0	22.41	22.33	22.27
3	16QAM	1	0	22.39	22.28	22.36
3	16QAM	1	8	22.42	22.51	22.25
3	16QAM	1	14	22.27	22.32	22.43
3	16QAM	8	0	21.47	21.36	21.50
3	16QAM	8	4	21.52	21.48	21.41
3	16QAM	8	7	21.45	21.36	21.24
3	16QAM	15	0	21.36	21.20	21.22





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	23.26	23.36	23.34
1.4	QPSK	1	3	23.19	23.28	23.14
1.4	QPSK	1	5	23.22	23.29	23.22
1.4	QPSK	3	0	22.34	22.39	22.35
1.4	QPSK	3	1	22.17	22.23	22.33
1.4	QPSK	3	3	22.16	22.28	22.30
1.4	QPSK	6	0	22.33	22.48	22.20
1.4	16QAM	1	0	22.30	22.32	22.30
1.4	16QAM	1	3	22.25	22.47	22.44
1.4	16QAM	1	5	22.40	22.33	22.20
1.4	16QAM	3	0	21.39	21.37	21.39
1.4	16QAM	3	1	21.40	21.44	21.40
1.4	16QAM	3	3	21.29	21.12	21.28
1.4	16QAM	6	0	21.27	21.20	21.25



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	23.30	23.35	23.27
10	QPSK	1	25	23.23	23.33	23.28
10	QPSK	1	49	23.33	23.28	23.17
10	QPSK	25	0	22.35	22.39	22.28
10	QPSK	25	12	22.21	22.30	22.30
10	QPSK	25	25	22.29	22.31	22.34
10	QPSK	50	0	22.36	22.29	22.33
10	16QAM	1	0	22.47	22.41	22.29
10	16QAM	1	25	22.20	22.28	22.51
10	16QAM	1	49	22.42	22.36	22.45
10	16QAM	25	0	21.37	21.41	21.47
10	16QAM	25	12	21.55	21.24	21.30
10	16QAM	25	25	21.45	21.28	21.32
10	16QAM	50	0	21.37	21.37	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				23755	23790	23825
Frequency (MHz)				706.5	710	713.5
5	QPSK	1	0	23.25	23.32	23.26
5	QPSK	1	12	23.20	23.25	23.19
5	QPSK	1	24	23.22	23.23	23.23
5	QPSK	12	0	22.30	22.43	22.48
5	QPSK	12	7	22.32	22.28	22.36
5	QPSK	12	13	22.41	22.29	22.25
5	QPSK	25	0	22.44	22.40	22.50
5	16QAM	1	0	22.30	22.51	22.35
5	16QAM	1	12	22.48	22.43	22.35
5	16QAM	1	24	22.16	22.26	22.48
5	16QAM	12	0	21.39	21.44	21.52
5	16QAM	12	7	21.39	21.36	21.41
5	16QAM	12	13	21.33	21.28	21.32
5	16QAM	25	0	21.32	21.28	21.21



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				132072	132322	132572
Frequency (MHz)				1720	1745	1770
20	QPSK	1	0	23.65	23.85	23.71
20	QPSK	1	49	23.63	23.67	23.81
20	QPSK	1	99	23.61	23.73	23.68
20	QPSK	50	0	22.78	22.83	22.65
20	QPSK	50	24	22.75	22.71	22.74
20	QPSK	50	50	22.76	22.76	22.59
20	QPSK	100	0	22.76	22.73	22.63
20	16QAM	1	0	22.92	22.82	22.55
20	16QAM	1	49	22.75	22.69	22.91
20	16QAM	1	99	22.64	22.63	22.80
20	16QAM	50	0	21.90	22.02	21.91
20	16QAM	50	24	21.98	21.81	21.59
20	16QAM	50	50	21.72	21.53	21.68
20	16QAM	100	0	21.66	21.84	21.73



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				132047	132322	132597
Frequency (MHz)				1717.5	1745	1772.5
15	QPSK	1	0	23.67	23.83	23.72
15	QPSK	1	37	23.77	23.72	23.61
15	QPSK	1	74	23.57	23.77	23.69
15	QPSK	36	0	22.85	22.90	22.67
15	QPSK	36	20	22.55	22.76	22.75
15	QPSK	36	39	22.67	22.82	22.67
15	QPSK	75	0	22.70	22.74	22.85
15	16QAM	1	0	22.85	22.84	22.66
15	16QAM	1	37	22.61	22.77	22.70
15	16QAM	1	74	22.55	22.63	22.86
15	16QAM	36	0	21.73	21.99	21.73
15	16QAM	36	20	21.88	21.64	21.77
15	16QAM	36	39	21.78	21.80	21.78
15	16QAM	75	0	21.58	21.69	21.89



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				132022	132322	132622
Frequency (MHz)				1715	1745	1775
10	QPSK	1	0	23.74	23.80	23.77
10	QPSK	1	25	23.70	23.65	23.54
10	QPSK	1	49	23.71	23.69	23.72
10	QPSK	25	0	22.91	22.95	22.75
10	QPSK	25	12	22.66	22.85	22.78
10	QPSK	25	25	22.70	22.85	22.81
10	QPSK	50	0	22.85	22.70	22.63
10	16QAM	1	0	22.90	22.86	22.54
10	16QAM	1	25	22.60	22.90	22.87
10	16QAM	1	49	22.60	22.79	22.68
10	16QAM	25	0	21.74	21.83	21.88
10	16QAM	25	12	21.84	21.73	21.83
10	16QAM	25	25	21.74	21.79	21.61
10	16QAM	50	0	21.63	21.74	21.84



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				131997	132322	132647
Frequency (MHz)				1712.5	1745	1777.5
5	QPSK	1	0	23.75	23.81	23.72
5	QPSK	1	12	23.72	23.72	23.63
5	QPSK	1	24	23.78	23.70	23.73
5	QPSK	12	0	22.96	22.88	22.76
5	QPSK	12	7	22.63	22.64	22.88
5	QPSK	12	13	22.85	22.64	22.67
5	QPSK	25	0	22.91	22.90	22.66
5	16QAM	1	0	22.73	22.66	22.81
5	16QAM	1	12	22.74	22.77	22.69
5	16QAM	1	24	22.65	22.69	22.59
5	16QAM	12	0	21.96	21.81	21.77
5	16QAM	12	7	21.88	21.67	21.65
5	16QAM	12	13	21.69	21.58	21.79
5	16QAM	25	0	21.66	21.73	21.76



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				131987	132322	132657
Frequency (MHz)				1711.5	1745	1778.5
3	QPSK	1	0	23.67	23.82	23.68
3	QPSK	1	8	23.69	23.79	23.79
3	QPSK	1	14	23.79	23.70	23.72
3	QPSK	8	0	22.99	22.89	22.60
3	QPSK	8	4	22.66	22.59	22.90
3	QPSK	8	7	22.82	22.86	22.66
3	QPSK	15	0	22.93	22.87	22.85
3	16QAM	1	0	22.97	22.93	22.59
3	16QAM	1	8	22.88	22.91	22.79
3	16QAM	1	14	22.67	22.74	22.77
3	16QAM	8	0	21.85	21.99	21.90
3	16QAM	8	4	21.93	21.89	21.53
3	16QAM	8	7	21.62	21.60	21.62
3	16QAM	15	0	21.56	21.84	21.63





LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				131979	132322	132665
Frequency (MHz)				1710.7	1745	1779.3
1.4	QPSK	1	0	23.68	23.80	23.72
1.4	QPSK	1	3	23.61	23.77	23.71
1.4	QPSK	1	5	23.61	23.76	23.63
1.4	QPSK	3	0	22.85	22.72	22.66
1.4	QPSK	3	1	22.57	22.72	22.86
1.4	QPSK	3	3	22.92	22.79	22.66
1.4	QPSK	6	0	22.70	22.66	22.71
1.4	16QAM	1	0	22.80	22.80	22.68
1.4	16QAM	1	3	22.87	22.73	22.86
1.4	16QAM	1	5	22.64	22.67	22.83
1.4	16QAM	3	0	21.74	21.88	21.94
1.4	16QAM	3	1	21.83	21.87	21.59
1.4	16QAM	3	3	21.58	21.81	21.63
1.4	16QAM	6	0	21.84	21.77	21.77



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	23.32	23.42	23.37
20	QPSK	1	49	23.35	23.38	23.15
20	QPSK	1	99	23.25	23.26	23.27
20	QPSK	50	0	22.35	22.39	22.35
20	QPSK	50	24	22.35	22.22	22.29
20	QPSK	50	50	22.24	22.34	22.29
20	QPSK	100	0	22.19	22.31	22.32
20	16QAM	1	0	22.41	22.40	22.23
20	16QAM	1	49	22.28	22.33	22.27
20	16QAM	1	99	22.16	22.29	22.18
20	16QAM	50	0	21.32	21.41	21.31
20	16QAM	50	24	21.27	21.32	21.24
20	16QAM	50	50	21.25	21.33	21.43
20	16QAM	100	0	21.25	21.32	21.41



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	23.21	23.40	23.26
15	QPSK	1	37	23.13	23.33	23.21
15	QPSK	1	74	23.27	23.31	23.24
15	QPSK	36	0	22.31	22.31	22.30
15	QPSK	36	20	22.28	22.34	22.40
15	QPSK	36	39	22.36	22.19	22.34
15	QPSK	75	0	22.28	22.14	22.21
15	16QAM	1	0	22.33	22.38	22.20
15	16QAM	1	37	22.41	22.43	22.28
15	16QAM	1	74	22.14	22.25	22.41
15	16QAM	36	0	21.33	21.36	21.35
15	16QAM	36	20	21.25	21.20	21.32
15	16QAM	36	39	21.27	21.39	21.20
15	16QAM	75	0	21.23	21.19	21.23



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	23.19	23.37	23.29
10	QPSK	1	25	23.32	23.33	23.33
10	QPSK	1	49	23.17	23.32	23.41
10	QPSK	25	0	22.36	22.38	22.20
10	QPSK	25	12	22.37	22.19	22.26
10	QPSK	25	25	22.33	22.30	22.36
10	QPSK	50	0	22.36	22.34	22.29
10	16QAM	1	0	22.29	22.29	22.15
10	16QAM	1	25	22.35	22.24	22.24
10	16QAM	1	49	22.36	22.39	22.43
10	16QAM	25	0	21.42	21.39	21.33
10	16QAM	25	12	21.24	21.33	21.22
10	16QAM	25	25	21.26	21.14	21.22
10	16QAM	50	0	21.44	21.37	21.27



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	23.18	23.38	23.33
5	QPSK	1	12	23.22	23.31	23.26
5	QPSK	1	24	23.17	23.29	23.22
5	QPSK	12	0	22.41	22.38	22.26
5	QPSK	12	7	22.25	22.22	22.29
5	QPSK	12	13	22.31	22.22	22.33
5	QPSK	25	0	22.26	22.36	22.31
5	16QAM	1	0	22.43	22.29	22.41
5	16QAM	1	12	22.39	22.33	22.39
5	16QAM	1	24	22.39	22.33	22.45
5	16QAM	12	0	21.38	21.40	21.42
5	16QAM	12	7	21.40	21.35	21.17
5	16QAM	12	13	21.32	21.20	21.19
5	16QAM	25	0	21.27	21.49	21.28



**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	22.66	0.185	22.82	0.191	22.73	0.187
20	QPSK	1	49	22.70	0.186	22.75	0.188	22.62	0.183
20	QPSK	1	99	22.63	0.183	22.68	0.185	22.71	0.187
20	QPSK	50	0	21.79	0.151	21.81	0.152	21.68	0.147
20	QPSK	50	24	21.65	0.146	21.69	0.148	21.73	0.149
20	QPSK	50	50	21.72	0.149	21.71	0.148	21.67	0.147
20	QPSK	100	0	21.73	0.149	21.75	0.150	21.70	0.148
20	16QAM	1	0	21.77	0.150	21.75	0.150	21.64	0.146
20	16QAM	1	49	21.69	0.148	21.71	0.148	21.74	0.149
20	16QAM	1	99	21.63	0.146	21.64	0.146	21.68	0.147
20	16QAM	50	0	20.80	0.120	20.82	0.121	20.76	0.119
20	16QAM	50	24	20.78	0.120	20.74	0.119	20.63	0.116
20	16QAM	50	50	20.67	0.117	20.62	0.115	20.65	0.116
20	16QAM	100	0	20.66	0.116	20.70	0.117	20.69	0.117



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	22.67	0.185	22.80	0.191	22.66	0.185
15	QPSK	1	37	22.72	0.187	22.68	0.185	22.74	0.188
15	QPSK	1	74	22.73	0.187	22.72	0.187	22.62	0.183
15	QPSK	36	0	21.94	0.156	21.80	0.151	21.70	0.148
15	QPSK	36	20	21.72	0.149	21.81	0.152	21.84	0.153
15	QPSK	36	39	21.85	0.153	21.76	0.150	21.73	0.149
15	QPSK	75	0	21.83	0.152	21.78	0.151	21.84	0.153
15	16QAM	1	0	21.88	0.154	21.70	0.148	21.71	0.148
15	16QAM	1	37	21.57	0.144	21.75	0.150	21.61	0.145
15	16QAM	1	74	21.61	0.145	21.51	0.142	21.65	0.146
15	16QAM	36	0	20.76	0.119	20.65	0.116	20.84	0.121
15	16QAM	36	20	20.85	0.122	20.56	0.114	20.63	0.116
15	16QAM	36	39	20.69	0.117	20.62	0.115	20.74	0.119
15	16QAM	75	0	20.55	0.114	20.71	0.118	20.69	0.117



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	22.66	0.185	22.79	0.190	22.73	0.187
10	QPSK	1	25	22.77	0.189	22.76	0.189	22.67	0.185
10	QPSK	1	49	22.73	0.187	22.65	0.184	22.78	0.190
10	QPSK	25	0	21.77	0.150	21.61	0.145	21.74	0.149
10	QPSK	25	12	21.65	0.146	21.78	0.151	21.59	0.144
10	QPSK	25	25	21.56	0.143	21.75	0.150	21.58	0.144
10	QPSK	50	0	21.64	0.146	21.58	0.144	21.64	0.146
10	16QAM	1	0	21.68	0.147	21.67	0.147	21.68	0.147
10	16QAM	1	25	21.65	0.146	21.82	0.152	21.77	0.150
10	16QAM	1	49	21.73	0.149	21.64	0.146	21.68	0.147
10	16QAM	25	0	20.94	0.124	20.95	0.124	20.91	0.123
10	16QAM	25	12	20.88	0.122	20.84	0.121	20.59	0.115
10	16QAM	25	25	20.68	0.117	20.73	0.118	20.63	0.116
10	16QAM	50	0	20.50	0.112	20.54	0.113	20.67	0.117





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	22.70	0.186	22.77	0.189	22.60	0.182
5	QPSK	1	12	22.67	0.185	22.70	0.186	22.66	0.185
5	QPSK	1	24	22.55	0.180	22.71	0.187	22.62	0.183
5	QPSK	12	0	21.84	0.153	21.84	0.153	21.65	0.146
5	QPSK	12	7	21.62	0.145	21.52	0.142	21.53	0.142
5	QPSK	12	13	21.58	0.144	21.82	0.152	21.61	0.145
5	QPSK	25	0	21.72	0.149	21.63	0.146	21.51	0.142
5	16QAM	1	0	21.69	0.148	21.88	0.154	21.69	0.148
5	16QAM	1	12	21.49	0.141	21.59	0.144	21.75	0.150
5	16QAM	1	24	21.51	0.142	21.59	0.144	21.57	0.144
5	16QAM	12	0	20.87	0.122	20.73	0.118	20.72	0.118
5	16QAM	12	7	20.60	0.115	20.66	0.116	20.52	0.113
5	16QAM	12	13	20.77	0.119	20.44	0.111	20.78	0.120
5	16QAM	25	0	20.50	0.112	20.56	0.114	20.69	0.117



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	22.69	0.186	22.79	0.190	22.74	0.188
3	QPSK	1	8	22.57	0.181	22.78	0.190	22.63	0.183
3	QPSK	1	14	22.62	0.183	22.73	0.187	22.65	0.184
3	QPSK	8	0	21.89	0.155	21.90	0.155	21.57	0.144
3	QPSK	8	4	21.57	0.144	21.51	0.142	21.57	0.144
3	QPSK	8	7	21.85	0.153	21.55	0.143	21.55	0.143
3	QPSK	15	0	21.86	0.153	21.75	0.150	21.56	0.143
3	16QAM	1	0	21.68	0.147	21.68	0.147	21.68	0.147
3	16QAM	1	8	21.50	0.141	21.66	0.147	21.85	0.153
3	16QAM	1	14	21.46	0.140	21.46	0.140	21.58	0.144
3	16QAM	8	0	20.73	0.118	20.63	0.116	20.79	0.120
3	16QAM	8	4	20.61	0.115	20.81	0.121	20.74	0.119
3	16QAM	8	7	20.67	0.117	20.46	0.111	20.60	0.115
3	16QAM	15	0	20.58	0.114	20.73	0.118	20.68	0.117



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	22.72	0.187	22.78	0.190	22.73	0.187
1.4	QPSK	1	3	22.73	0.187	22.70	0.186	22.76	0.189
1.4	QPSK	1	5	22.66	0.185	22.68	0.185	22.72	0.187
1.4	QPSK	3	0	21.66	0.147	21.65	0.146	21.75	0.150
1.4	QPSK	3	1	21.70	0.148	21.61	0.145	21.76	0.150
1.4	QPSK	3	3	21.69	0.148	21.68	0.147	21.67	0.147
1.4	QPSK	6	0	21.73	0.149	21.61	0.145	21.64	0.146
1.4	16QAM	1	0	21.76	0.150	21.83	0.152	21.58	0.144
1.4	16QAM	1	3	21.53	0.142	21.59	0.144	21.86	0.153
1.4	16QAM	1	5	21.64	0.146	21.55	0.143	21.81	0.152
1.4	16QAM	3	0	20.93	0.124	20.65	0.116	20.83	0.121
1.4	16QAM	3	1	20.65	0.116	20.78	0.120	20.69	0.117
1.4	16QAM	3	3	20.80	0.120	20.77	0.119	20.79	0.120
1.4	16QAM	6	0	20.57	0.114	20.62	0.115	20.50	0.112



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20050		20175		20300	
Frequency (MHz)				1720		1732.5		1745	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	23.01	0.200	23.19	0.208	23.02	0.200
20	QPSK	1	49	23.11	0.205	23.03	0.201	23.09	0.204
20	QPSK	1	99	23.09	0.204	23.10	0.204	22.90	0.195
20	QPSK	50	0	22.09	0.162	22.14	0.164	22.10	0.162
20	QPSK	50	24	22.01	0.159	22.14	0.164	22.19	0.166
20	QPSK	50	50	22.09	0.162	21.92	0.156	22.15	0.164
20	QPSK	100	0	21.95	0.157	22.23	0.167	22.10	0.162
20	16QAM	1	0	22.18	0.165	22.06	0.161	21.87	0.154
20	16QAM	1	49	22.00	0.158	22.15	0.164	22.15	0.164
20	16QAM	1	99	21.92	0.156	21.84	0.153	21.92	0.156
20	16QAM	50	0	21.10	0.129	21.29	0.135	21.05	0.127
20	16QAM	50	24	21.14	0.130	20.94	0.124	21.01	0.126
20	16QAM	50	50	20.91	0.123	20.85	0.122	20.92	0.124
20	16QAM	100	0	21.10	0.129	20.97	0.125	20.98	0.125



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	22.95	0.197	23.16	0.207	23.06	0.202
15	QPSK	1	37	22.96	0.198	23.01	0.200	22.93	0.196
15	QPSK	1	74	23.05	0.202	22.94	0.197	22.96	0.198
15	QPSK	36	0	22.22	0.167	22.18	0.165	22.01	0.159
15	QPSK	36	20	21.90	0.155	21.91	0.155	21.99	0.158
15	QPSK	36	39	22.00	0.158	21.98	0.158	21.92	0.156
15	QPSK	75	0	22.05	0.160	22.06	0.161	22.09	0.162
15	16QAM	1	0	22.13	0.163	21.97	0.157	21.96	0.157
15	16QAM	1	37	22.13	0.163	22.11	0.163	22.21	0.166
15	16QAM	1	74	21.88	0.154	21.91	0.155	21.99	0.158
15	16QAM	36	0	21.03	0.127	21.20	0.132	21.03	0.127
15	16QAM	36	20	21.16	0.131	20.98	0.125	20.96	0.125
15	16QAM	36	39	21.13	0.130	20.81	0.121	21.01	0.126
15	16QAM	75	0	20.93	0.124	20.93	0.124	21.01	0.126



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	23.06	0.202	23.18	0.208	23.02	0.200
10	QPSK	1	25	23.12	0.205	22.97	0.198	23.03	0.201
10	QPSK	1	49	23.03	0.201	22.93	0.196	23.12	0.205
10	QPSK	25	0	22.28	0.169	22.24	0.167	21.89	0.155
10	QPSK	25	12	22.10	0.162	22.11	0.163	21.94	0.156
10	QPSK	25	25	21.98	0.158	22.08	0.161	21.88	0.154
10	QPSK	50	0	21.97	0.157	22.18	0.165	22.12	0.163
10	16QAM	1	0	22.24	0.167	22.13	0.163	21.86	0.153
10	16QAM	1	25	21.95	0.157	21.92	0.156	22.01	0.159
10	16QAM	1	49	21.83	0.152	21.84	0.153	21.88	0.154
10	16QAM	25	0	21.18	0.131	21.28	0.134	21.08	0.128
10	16QAM	25	12	21.23	0.133	21.04	0.127	20.99	0.126
10	16QAM	25	25	20.92	0.124	20.91	0.123	20.96	0.125
10	16QAM	50	0	21.01	0.126	20.94	0.124	21.04	0.127



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	23.01	0.200	23.17	0.207	23.16	0.207
5	QPSK	1	12	23.09	0.204	23.04	0.201	22.97	0.198
5	QPSK	1	24	23.02	0.200	22.97	0.198	22.90	0.195
5	QPSK	12	0	22.11	0.163	22.23	0.167	21.90	0.155
5	QPSK	12	7	22.04	0.160	22.15	0.164	22.18	0.165
5	QPSK	12	13	22.04	0.160	22.19	0.166	21.95	0.157
5	QPSK	25	0	22.02	0.159	21.97	0.157	21.95	0.157
5	16QAM	1	0	21.96	0.157	22.16	0.164	21.96	0.157
5	16QAM	1	12	22.10	0.162	22.06	0.161	22.04	0.160
5	16QAM	1	24	22.08	0.161	21.93	0.156	21.93	0.156
5	16QAM	12	0	21.19	0.132	21.24	0.133	21.08	0.128
5	16QAM	12	7	21.03	0.127	21.11	0.129	21.09	0.129
5	16QAM	12	13	20.89	0.123	21.05	0.127	20.96	0.125
5	16QAM	25	0	21.02	0.126	20.95	0.124	21.09	0.129



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	22.99	0.199	23.15	0.207	23.13	0.206
3	QPSK	1	8	23.05	0.202	23.08	0.203	23.01	0.200
3	QPSK	1	14	22.97	0.198	22.96	0.198	22.97	0.198
3	QPSK	8	0	21.99	0.158	22.04	0.160	21.99	0.158
3	QPSK	8	4	21.97	0.157	21.96	0.157	22.14	0.164
3	QPSK	8	7	22.18	0.165	21.98	0.158	21.96	0.157
3	QPSK	15	0	21.97	0.157	21.94	0.156	21.95	0.157
3	16QAM	1	0	22.08	0.161	21.96	0.157	22.05	0.160
3	16QAM	1	8	21.88	0.154	21.97	0.157	22.19	0.166
3	16QAM	1	14	21.97	0.157	21.93	0.156	21.89	0.155
3	16QAM	8	0	21.10	0.129	21.06	0.128	21.20	0.132
3	16QAM	8	4	21.20	0.132	21.10	0.129	21.02	0.126
3	16QAM	8	7	21.16	0.131	20.95	0.124	20.97	0.125
3	16QAM	15	0	21.01	0.126	21.04	0.127	21.11	0.129





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	22.91	0.195	23.17	0.207	23.07	0.203
1.4	QPSK	1	3	23.08	0.203	23.10	0.204	23.11	0.205
1.4	QPSK	1	5	22.99	0.199	22.94	0.197	23.16	0.207
1.4	QPSK	3	0	21.99	0.158	22.07	0.161	22.12	0.163
1.4	QPSK	3	1	22.06	0.161	22.17	0.165	22.17	0.165
1.4	QPSK	3	3	21.95	0.157	21.96	0.157	21.94	0.156
1.4	QPSK	6	0	21.99	0.158	21.99	0.158	22.11	0.163
1.4	16QAM	1	0	22.13	0.163	22.12	0.163	21.90	0.155
1.4	16QAM	1	3	21.95	0.157	21.91	0.155	21.99	0.158
1.4	16QAM	1	5	22.12	0.163	22.12	0.163	22.05	0.160
1.4	16QAM	3	0	21.11	0.129	21.26	0.134	21.14	0.130
1.4	16QAM	3	1	20.97	0.125	21.07	0.128	20.94	0.124
1.4	16QAM	3	3	20.91	0.123	20.99	0.126	20.89	0.123
1.4	16QAM	6	0	21.05	0.127	21.16	0.131	21.08	0.128



LTE Band 5				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20450		20525		20600	
Frequency (MHz)				829		836.5		844	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	19.70	0.093	19.75	0.094	19.59	0.091
10	QPSK	1	25	19.67	0.093	19.68	0.093	19.73	0.094
10	QPSK	1	49	19.57	0.091	19.70	0.093	19.60	0.091
10	QPSK	25	0	18.76	0.075	18.77	0.075	18.56	0.072
10	QPSK	25	12	18.72	0.074	18.57	0.072	18.70	0.074
10	QPSK	25	25	18.80	0.076	18.72	0.074	18.78	0.076
10	QPSK	50	0	18.64	0.073	18.72	0.074	18.58	0.072
10	16QAM	1	0	18.72	0.074	18.79	0.076	18.67	0.074
10	16QAM	1	25	18.61	0.073	18.74	0.075	18.57	0.072
10	16QAM	1	49	18.52	0.071	18.57	0.072	18.79	0.076
10	16QAM	25	0	17.80	0.060	17.83	0.061	17.84	0.061
10	16QAM	25	12	17.74	0.059	17.59	0.057	17.52	0.056
10	16QAM	25	25	17.57	0.057	17.54	0.057	17.70	0.059
10	16QAM	50	0	17.56	0.057	17.65	0.058	17.62	0.058



LTE Band 5				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20425		20525		20625	
Frequency (MHz)				826.5		836.5		846.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	19.57	0.091	19.73	0.094	19.64	0.092
5	QPSK	1	12	19.66	0.092	19.66	0.092	19.57	0.091
5	QPSK	1	24	19.61	0.091	19.58	0.091	19.62	0.092
5	QPSK	12	0	18.62	0.073	18.76	0.075	18.80	0.076
5	QPSK	12	7	18.50	0.071	18.82	0.076	18.67	0.074
5	QPSK	12	13	18.75	0.075	18.65	0.073	18.73	0.075
5	QPSK	25	0	18.69	0.074	18.88	0.077	18.56	0.072
5	16QAM	1	0	18.84	0.077	18.72	0.074	18.52	0.071
5	16QAM	1	12	18.70	0.074	18.63	0.073	18.64	0.073
5	16QAM	1	24	18.48	0.070	18.75	0.075	18.51	0.071
5	16QAM	12	0	17.74	0.059	17.81	0.060	17.77	0.060
5	16QAM	12	7	17.82	0.061	17.74	0.059	17.56	0.057
5	16QAM	12	13	17.65	0.058	17.53	0.057	17.53	0.057
5	16QAM	25	0	17.75	0.060	17.75	0.060	17.78	0.060



LTE Band 5				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20415		20525		20635	
Frequency (MHz)				825.5		836.5		847.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	19.65	0.092	19.72	0.094	19.63	0.092
3	QPSK	1	8	19.54	0.090	19.70	0.093	19.65	0.092
3	QPSK	1	14	19.64	0.092	19.58	0.091	19.62	0.092
3	QPSK	8	0	18.86	0.077	18.65	0.073	18.63	0.073
3	QPSK	8	4	18.49	0.071	18.64	0.073	18.81	0.076
3	QPSK	8	7	18.77	0.075	18.73	0.075	18.73	0.075
3	QPSK	15	0	18.62	0.073	18.70	0.074	18.76	0.075
3	16QAM	1	0	18.65	0.073	18.72	0.074	18.57	0.072
3	16QAM	1	8	18.52	0.071	18.76	0.075	18.79	0.076
3	16QAM	1	14	18.52	0.071	18.67	0.074	18.66	0.073
3	16QAM	8	0	17.90	0.062	17.83	0.061	17.68	0.059
3	16QAM	8	4	17.64	0.058	17.86	0.061	17.61	0.058
3	16QAM	8	7	17.68	0.059	17.57	0.057	17.50	0.056
3	16QAM	15	0	17.65	0.058	17.63	0.058	17.55	0.057



LTE Band 5				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20407		20525		20643	
Frequency (MHz)				824.7		836.5		848.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	19.60	0.091	19.71	0.094	19.62	0.092
1.4	QPSK	1	3	19.63	0.092	19.70	0.093	19.61	0.091
1.4	QPSK	1	5	19.65	0.092	19.64	0.092	19.58	0.091
1.4	QPSK	3	0	18.73	0.075	18.87	0.077	18.51	0.071
1.4	QPSK	3	1	18.55	0.072	18.72	0.074	18.84	0.077
1.4	QPSK	3	3	18.58	0.072	18.80	0.076	18.78	0.076
1.4	QPSK	6	0	18.82	0.076	18.62	0.073	18.82	0.076
1.4	16QAM	1	0	18.72	0.074	18.77	0.075	18.57	0.072
1.4	16QAM	1	3	18.55	0.072	18.67	0.074	18.69	0.074
1.4	16QAM	1	5	18.49	0.071	18.77	0.075	18.72	0.074
1.4	16QAM	3	0	17.79	0.060	17.76	0.060	17.89	0.062
1.4	16QAM	3	1	17.74	0.059	17.71	0.059	17.66	0.058
1.4	16QAM	3	3	17.75	0.060	17.68	0.059	17.69	0.059
1.4	16QAM	6	0	17.58	0.057	17.53	0.057	17.59	0.057



LTE Band 7				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20850		21100		21350	
Frequency (MHz)				2510		2535		2560	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	22.34	0.171	22.48	0.177	22.44	0.175
20	QPSK	1	49	22.44	0.175	22.40	0.174	22.41	0.174
20	QPSK	1	99	22.46	0.176	22.26	0.168	22.40	0.174
20	QPSK	50	0	21.55	0.143	21.59	0.144	21.38	0.137
20	QPSK	50	24	21.29	0.135	21.45	0.140	21.37	0.137
20	QPSK	50	50	21.46	0.140	21.47	0.140	21.48	0.141
20	QPSK	100	0	21.49	0.141	21.28	0.134	21.52	0.142
20	16QAM	1	0	21.58	0.144	21.49	0.141	21.35	0.136
20	16QAM	1	49	21.49	0.141	21.53	0.142	21.46	0.140
20	16QAM	1	99	21.23	0.133	21.44	0.139	21.25	0.133
20	16QAM	50	0	20.59	0.115	20.53	0.113	20.42	0.110
20	16QAM	50	24	20.38	0.109	20.45	0.111	20.44	0.111
20	16QAM	50	50	20.26	0.106	20.25	0.106	20.30	0.107
20	16QAM	100	0	20.36	0.109	20.53	0.113	20.33	0.108



LTE Band 7				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20825		21100		21375	
Frequency (MHz)				2507.5		2535		2562.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	22.39	0.173	22.45	0.176	22.41	0.174
15	QPSK	1	37	22.27	0.169	22.36	0.172	22.37	0.173
15	QPSK	1	74	22.35	0.172	22.41	0.174	22.29	0.169
15	QPSK	36	0	21.58	0.144	21.39	0.138	21.32	0.136
15	QPSK	36	20	21.28	0.134	21.49	0.141	21.45	0.140
15	QPSK	36	39	21.42	0.139	21.53	0.142	21.43	0.139
15	QPSK	75	0	21.29	0.135	21.31	0.135	21.28	0.134
15	16QAM	1	0	21.35	0.136	21.39	0.138	21.33	0.136
15	16QAM	1	37	21.36	0.137	21.46	0.140	21.54	0.143
15	16QAM	1	74	21.43	0.139	21.28	0.134	21.49	0.141
15	16QAM	36	0	20.52	0.113	20.36	0.109	20.36	0.109
15	16QAM	36	20	20.36	0.109	20.28	0.107	20.35	0.108
15	16QAM	36	39	20.50	0.112	20.33	0.108	20.34	0.108
15	16QAM	75	0	20.29	0.107	20.35	0.108	20.47	0.111



LTE Band 7				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20800		21100		21400	
Frequency (MHz)				2505		2535		2565	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	22.39	0.173	22.43	0.175	22.34	0.171
10	QPSK	1	25	22.36	0.172	22.38	0.173	22.37	0.173
10	QPSK	1	49	22.34	0.171	22.32	0.171	22.32	0.171
10	QPSK	25	0	21.58	0.144	21.64	0.146	21.40	0.138
10	QPSK	25	12	21.30	0.135	21.32	0.136	21.53	0.142
10	QPSK	25	25	21.26	0.134	21.46	0.140	21.24	0.133
10	QPSK	50	0	21.54	0.143	21.30	0.135	21.50	0.141
10	16QAM	1	0	21.43	0.139	21.41	0.138	21.28	0.134
10	16QAM	1	25	21.47	0.140	21.29	0.135	21.56	0.143
10	16QAM	1	49	21.45	0.140	21.31	0.135	21.29	0.135
10	16QAM	25	0	20.52	0.113	20.47	0.111	20.50	0.112
10	16QAM	25	12	20.38	0.109	20.29	0.107	20.31	0.107
10	16QAM	25	25	20.40	0.110	20.30	0.107	20.42	0.110
10	16QAM	50	0	20.27	0.106	20.28	0.107	20.41	0.110





LTE Band 7				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20775		21100		21425	
Frequency (MHz)				2502.5		2535		2567.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	22.28	0.169	22.44	0.175	22.30	0.170
5	QPSK	1	12	22.32	0.171	22.42	0.175	22.29	0.169
5	QPSK	1	24	22.33	0.171	22.35	0.172	22.36	0.172
5	QPSK	12	0	21.49	0.141	21.55	0.143	21.38	0.137
5	QPSK	12	7	21.35	0.136	21.33	0.136	21.47	0.140
5	QPSK	12	13	21.51	0.142	21.44	0.139	21.28	0.134
5	QPSK	25	0	21.55	0.143	21.38	0.137	21.50	0.141
5	16QAM	1	0	21.55	0.143	21.38	0.137	21.30	0.135
5	16QAM	1	12	21.49	0.141	21.43	0.139	21.49	0.141
5	16QAM	1	24	21.41	0.138	21.28	0.134	21.38	0.137
5	16QAM	12	0	20.43	0.110	20.42	0.110	20.33	0.108
5	16QAM	12	7	20.60	0.115	20.54	0.113	20.40	0.110
5	16QAM	12	13	20.36	0.109	20.45	0.111	20.23	0.105
5	16QAM	25	0	20.30	0.107	20.53	0.113	20.28	0.107



LTE Band 12				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23060		23095		23130	
Frequency (MHz)				704		707.5		711	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	19.21	0.083	19.37	0.086	19.36	0.086
10	QPSK	1	25	19.33	0.086	19.32	0.086	19.27	0.085
10	QPSK	1	49	19.28	0.085	19.36	0.086	19.28	0.085
10	QPSK	25	0	18.36	0.069	18.43	0.070	18.27	0.067
10	QPSK	25	12	18.18	0.066	18.30	0.068	18.40	0.069
10	QPSK	25	25	18.31	0.068	18.36	0.069	18.30	0.068
10	QPSK	50	0	18.46	0.070	18.35	0.068	18.24	0.067
10	16QAM	1	0	18.31	0.068	18.40	0.069	18.42	0.070
10	16QAM	1	25	18.46	0.070	18.27	0.067	18.43	0.070
10	16QAM	1	49	18.39	0.069	18.35	0.068	18.37	0.069
10	16QAM	25	0	17.42	0.055	17.54	0.057	17.49	0.056
10	16QAM	25	12	17.50	0.056	17.51	0.056	17.27	0.053
10	16QAM	25	25	17.32	0.054	17.23	0.053	17.25	0.053
10	16QAM	50	0	17.17	0.052	17.42	0.055	17.28	0.053



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	19.28	0.085	19.36	0.086	19.26	0.084
5	QPSK	1	12	19.33	0.086	19.31	0.085	19.13	0.082
5	QPSK	1	24	19.17	0.083	19.36	0.086	19.33	0.086
5	QPSK	12	0	18.29	0.067	18.31	0.068	18.35	0.068
5	QPSK	12	7	18.21	0.066	18.18	0.066	18.29	0.067
5	QPSK	12	13	18.34	0.068	18.31	0.068	18.27	0.067
5	QPSK	25	0	18.34	0.068	18.25	0.067	18.42	0.070
5	16QAM	1	0	18.53	0.071	18.27	0.067	18.41	0.069
5	16QAM	1	12	18.43	0.070	18.40	0.069	18.25	0.067
5	16QAM	1	24	18.41	0.069	18.28	0.067	18.21	0.066
5	16QAM	12	0	17.36	0.054	17.42	0.055	17.40	0.055
5	16QAM	12	7	17.29	0.054	17.29	0.054	17.15	0.052
5	16QAM	12	13	17.36	0.054	17.39	0.055	17.43	0.055
5	16QAM	25	0	17.42	0.055	17.41	0.055	17.34	0.054



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	19.27	0.085	19.34	0.086	19.30	0.085
3	QPSK	1	8	19.25	0.084	19.28	0.085	19.32	0.086
3	QPSK	1	14	19.23	0.084	19.31	0.085	19.21	0.083
3	QPSK	8	0	18.40	0.069	18.45	0.070	18.44	0.070
3	QPSK	8	4	18.33	0.068	18.34	0.068	18.51	0.071
3	QPSK	8	7	18.40	0.069	18.22	0.066	18.33	0.068
3	QPSK	15	0	18.40	0.069	18.32	0.068	18.26	0.067
3	16QAM	1	0	18.38	0.069	18.27	0.067	18.35	0.068
3	16QAM	1	8	18.41	0.069	18.50	0.071	18.24	0.067
3	16QAM	1	14	18.26	0.067	18.31	0.068	18.42	0.070
3	16QAM	8	0	17.46	0.056	17.35	0.054	17.49	0.056
3	16QAM	8	4	17.51	0.056	17.47	0.056	17.40	0.055
3	16QAM	8	7	17.44	0.055	17.35	0.054	17.23	0.053
3	16QAM	15	0	17.35	0.054	17.19	0.052	17.21	0.053



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	19.25	0.084	19.35	0.086	19.33	0.086
1.4	QPSK	1	3	19.18	0.083	19.27	0.085	19.13	0.082
1.4	QPSK	1	5	19.21	0.083	19.28	0.085	19.21	0.083
1.4	QPSK	3	0	18.33	0.068	18.38	0.069	18.34	0.068
1.4	QPSK	3	1	18.16	0.065	18.22	0.066	18.32	0.068
1.4	QPSK	3	3	18.15	0.065	18.27	0.067	18.29	0.067
1.4	QPSK	6	0	18.32	0.068	18.47	0.070	18.19	0.066
1.4	16QAM	1	0	18.29	0.067	18.31	0.068	18.29	0.067
1.4	16QAM	1	3	18.24	0.067	18.46	0.070	18.43	0.070
1.4	16QAM	1	5	18.39	0.069	18.32	0.068	18.19	0.066
1.4	16QAM	3	0	17.38	0.055	17.36	0.054	17.38	0.055
1.4	16QAM	3	1	17.39	0.055	17.43	0.055	17.39	0.055
1.4	16QAM	3	3	17.28	0.053	17.11	0.051	17.27	0.053
1.4	16QAM	6	0	17.26	0.053	17.19	0.052	17.24	0.053



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	19.26	0.084	19.31	0.085	19.23	0.084
10	QPSK	1	25	19.19	0.083	19.29	0.085	19.24	0.084
10	QPSK	1	49	19.29	0.085	19.24	0.084	19.13	0.082
10	QPSK	25	0	18.31	0.068	18.35	0.068	18.24	0.067
10	QPSK	25	12	18.17	0.066	18.26	0.067	18.26	0.067
10	QPSK	25	25	18.25	0.067	18.27	0.067	18.30	0.068
10	QPSK	50	0	18.32	0.068	18.25	0.067	18.29	0.067
10	16QAM	1	0	18.43	0.070	18.37	0.069	18.25	0.067
10	16QAM	1	25	18.16	0.065	18.24	0.067	18.47	0.070
10	16QAM	1	49	18.38	0.069	18.32	0.068	18.41	0.069
10	16QAM	25	0	17.33	0.054	17.37	0.055	17.43	0.055
10	16QAM	25	12	17.51	0.056	17.20	0.052	17.26	0.053
10	16QAM	25	25	17.41	0.055	17.24	0.053	17.28	0.053
10	16QAM	50	0	17.33	0.054	17.33	0.054	17.40	0.055



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	19.21	0.083	19.28	0.085	19.22	0.084
5	QPSK	1	12	19.16	0.082	19.21	0.083	19.15	0.082
5	QPSK	1	24	19.18	0.083	19.19	0.083	19.19	0.083
5	QPSK	12	0	18.26	0.067	18.39	0.069	18.44	0.070
5	QPSK	12	7	18.28	0.067	18.24	0.067	18.32	0.068
5	QPSK	12	13	18.37	0.069	18.25	0.067	18.21	0.066
5	QPSK	25	0	18.40	0.069	18.36	0.069	18.46	0.070
5	16QAM	1	0	18.26	0.067	18.47	0.070	18.31	0.068
5	16QAM	1	12	18.44	0.070	18.39	0.069	18.31	0.068
5	16QAM	1	24	18.12	0.065	18.22	0.066	18.44	0.070
5	16QAM	12	0	17.35	0.054	17.40	0.055	17.48	0.056
5	16QAM	12	7	17.35	0.054	17.32	0.054	17.37	0.055
5	16QAM	12	13	17.29	0.054	17.24	0.053	17.28	0.053
5	16QAM	25	0	17.28	0.053	17.24	0.053	17.17	0.052



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	22.68	0.185	22.88	0.194	22.74	0.188
20	QPSK	1	49	22.66	0.185	22.70	0.186	22.84	0.192
20	QPSK	1	99	22.64	0.184	22.76	0.189	22.71	0.187
20	QPSK	50	0	21.81	0.152	21.86	0.153	21.68	0.147
20	QPSK	50	24	21.78	0.151	21.74	0.149	21.77	0.150
20	QPSK	50	50	21.79	0.151	21.79	0.151	21.62	0.145
20	QPSK	100	0	21.79	0.151	21.76	0.150	21.66	0.147
20	16QAM	1	0	21.95	0.157	21.85	0.153	21.58	0.144
20	16QAM	1	49	21.78	0.151	21.72	0.149	21.94	0.156
20	16QAM	1	99	21.67	0.147	21.66	0.147	21.83	0.152
20	16QAM	50	0	20.93	0.124	21.05	0.127	20.94	0.124
20	16QAM	50	24	21.01	0.126	20.84	0.121	20.62	0.115
20	16QAM	50	50	20.75	0.119	20.56	0.114	20.71	0.118
20	16QAM	100	0	20.69	0.117	20.87	0.122	20.76	0.119





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	22.70	0.186	22.86	0.193	22.75	0.188
15	QPSK	1	37	22.80	0.191	22.75	0.188	22.64	0.184
15	QPSK	1	74	22.60	0.182	22.80	0.191	22.72	0.187
15	QPSK	36	0	21.88	0.154	21.93	0.156	21.70	0.148
15	QPSK	36	20	21.58	0.144	21.79	0.151	21.78	0.151
15	QPSK	36	39	21.70	0.148	21.85	0.153	21.70	0.148
15	QPSK	75	0	21.73	0.149	21.77	0.150	21.88	0.154
15	16QAM	1	0	21.88	0.154	21.87	0.154	21.69	0.148
15	16QAM	1	37	21.64	0.146	21.80	0.151	21.73	0.149
15	16QAM	1	74	21.58	0.144	21.66	0.147	21.89	0.155
15	16QAM	36	0	20.76	0.119	21.02	0.126	20.76	0.119
15	16QAM	36	20	20.91	0.123	20.67	0.117	20.80	0.120
15	16QAM	36	39	20.81	0.121	20.83	0.121	20.81	0.121
15	16QAM	75	0	20.61	0.115	20.72	0.118	20.92	0.124



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	22.77	0.189	22.83	0.192	22.80	0.191
10	QPSK	1	25	22.73	0.187	22.68	0.185	22.57	0.181
10	QPSK	1	49	22.74	0.188	22.72	0.187	22.75	0.188
10	QPSK	25	0	21.94	0.156	21.98	0.158	21.78	0.151
10	QPSK	25	12	21.69	0.148	21.88	0.154	21.81	0.152
10	QPSK	25	25	21.73	0.149	21.88	0.154	21.84	0.153
10	QPSK	50	0	21.88	0.154	21.73	0.149	21.66	0.147
10	16QAM	1	0	21.93	0.156	21.89	0.155	21.57	0.144
10	16QAM	1	25	21.63	0.146	21.93	0.156	21.90	0.155
10	16QAM	1	49	21.63	0.146	21.82	0.152	21.71	0.148
10	16QAM	25	0	20.77	0.119	20.86	0.122	20.91	0.123
10	16QAM	25	12	20.87	0.122	20.76	0.119	20.86	0.122
10	16QAM	25	25	20.77	0.119	20.82	0.121	20.64	0.116
10	16QAM	50	0	20.66	0.116	20.77	0.119	20.87	0.122



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	22.78	0.190	22.84	0.192	22.75	0.188
5	QPSK	1	12	22.75	0.188	22.75	0.188	22.66	0.185
5	QPSK	1	24	22.81	0.191	22.73	0.187	22.76	0.189
5	QPSK	12	0	21.99	0.158	21.91	0.155	21.79	0.151
5	QPSK	12	7	21.66	0.147	21.67	0.147	21.91	0.155
5	QPSK	12	13	21.88	0.154	21.67	0.147	21.70	0.148
5	QPSK	25	0	21.94	0.156	21.93	0.156	21.69	0.148
5	16QAM	1	0	21.76	0.150	21.69	0.148	21.84	0.153
5	16QAM	1	12	21.77	0.150	21.80	0.151	21.72	0.149
5	16QAM	1	24	21.68	0.147	21.72	0.149	21.62	0.145
5	16QAM	12	0	20.99	0.126	20.84	0.121	20.80	0.120
5	16QAM	12	7	20.91	0.123	20.70	0.117	20.68	0.117
5	16QAM	12	13	20.72	0.118	20.61	0.115	20.82	0.121
5	16QAM	25	0	20.69	0.117	20.76	0.119	20.79	0.120



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	22.70	0.186	22.85	0.193	22.71	0.187
3	QPSK	1	8	22.72	0.187	22.82	0.191	22.82	0.191
3	QPSK	1	14	22.82	0.191	22.73	0.187	22.75	0.188
3	QPSK	8	0	22.02	0.159	21.92	0.156	21.63	0.146
3	QPSK	8	4	21.69	0.148	21.62	0.145	21.93	0.156
3	QPSK	8	7	21.85	0.153	21.89	0.155	21.69	0.148
3	QPSK	15	0	21.96	0.157	21.90	0.155	21.88	0.154
3	16QAM	1	0	22.00	0.158	21.96	0.157	21.62	0.145
3	16QAM	1	8	21.91	0.155	21.94	0.156	21.82	0.152
3	16QAM	1	14	21.70	0.148	21.77	0.150	21.80	0.151
3	16QAM	8	0	20.88	0.122	21.02	0.126	20.93	0.124
3	16QAM	8	4	20.96	0.125	20.92	0.124	20.56	0.114
3	16QAM	8	7	20.65	0.116	20.63	0.116	20.65	0.116
3	16QAM	15	0	20.59	0.115	20.87	0.122	20.66	0.116



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	22.71	0.187	22.83	0.192	22.75	0.188
1.4	QPSK	1	3	22.64	0.184	22.80	0.191	22.74	0.188
1.4	QPSK	1	5	22.64	0.184	22.79	0.190	22.66	0.185
1.4	QPSK	3	0	21.88	0.154	21.75	0.150	21.69	0.148
1.4	QPSK	3	1	21.60	0.145	21.75	0.150	21.89	0.155
1.4	QPSK	3	3	21.95	0.157	21.82	0.152	21.69	0.148
1.4	QPSK	6	0	21.73	0.149	21.69	0.148	21.74	0.149
1.4	16QAM	1	0	21.83	0.152	21.83	0.152	21.71	0.148
1.4	16QAM	1	3	21.90	0.155	21.76	0.150	21.89	0.155
1.4	16QAM	1	5	21.67	0.147	21.70	0.148	21.86	0.153
1.4	16QAM	3	0	20.77	0.119	20.91	0.123	20.97	0.125
1.4	16QAM	3	1	20.86	0.122	20.90	0.123	20.62	0.115
1.4	16QAM	3	3	20.61	0.115	20.84	0.121	20.66	0.116
1.4	16QAM	6	0	20.87	0.122	20.80	0.120	20.80	0.120



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	19.27	0.085	19.37	0.086	19.32	0.086
20	QPSK	1	49	19.30	0.085	19.33	0.086	19.10	0.081
20	QPSK	1	99	19.20	0.083	19.21	0.083	19.22	0.084
20	QPSK	50	0	18.30	0.068	18.34	0.068	18.30	0.068
20	QPSK	50	24	18.30	0.068	18.17	0.066	18.24	0.067
20	QPSK	50	50	18.19	0.066	18.29	0.067	18.24	0.067
20	QPSK	100	0	18.14	0.065	18.26	0.067	18.27	0.067
20	16QAM	1	0	18.36	0.069	18.35	0.068	18.18	0.066
20	16QAM	1	49	18.23	0.067	18.28	0.067	18.22	0.066
20	16QAM	1	99	18.11	0.065	18.24	0.067	18.13	0.065
20	16QAM	50	0	17.27	0.053	17.36	0.054	17.26	0.053
20	16QAM	50	24	17.22	0.053	17.27	0.053	17.19	0.052
20	16QAM	50	50	17.20	0.052	17.28	0.053	17.38	0.055
20	16QAM	100	0	17.20	0.052	17.27	0.053	17.36	0.054



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	19.16	0.082	19.35	0.086	19.21	0.083
15	QPSK	1	37	19.08	0.081	19.28	0.085	19.16	0.082
15	QPSK	1	74	19.22	0.084	19.26	0.084	19.19	0.083
15	QPSK	36	0	18.26	0.067	18.26	0.067	18.25	0.067
15	QPSK	36	20	18.23	0.067	18.29	0.067	18.35	0.068
15	QPSK	36	39	18.31	0.068	18.14	0.065	18.29	0.067
15	QPSK	75	0	18.23	0.067	18.09	0.064	18.16	0.065
15	16QAM	1	0	18.28	0.067	18.33	0.068	18.15	0.065
15	16QAM	1	37	18.36	0.069	18.38	0.069	18.23	0.067
15	16QAM	1	74	18.09	0.064	18.20	0.066	18.36	0.069
15	16QAM	36	0	17.28	0.053	17.31	0.054	17.30	0.054
15	16QAM	36	20	17.20	0.052	17.15	0.052	17.27	0.053
15	16QAM	36	39	17.22	0.053	17.34	0.054	17.15	0.052
15	16QAM	75	0	17.18	0.052	17.14	0.052	17.18	0.052



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	19.14	0.082	19.32	0.086	19.24	0.084
10	QPSK	1	25	19.27	0.085	19.28	0.085	19.28	0.085
10	QPSK	1	49	19.12	0.082	19.27	0.085	19.36	0.086
10	QPSK	25	0	18.31	0.068	18.33	0.068	18.15	0.065
10	QPSK	25	12	18.32	0.068	18.14	0.065	18.21	0.066
10	QPSK	25	25	18.28	0.067	18.25	0.067	18.31	0.068
10	QPSK	50	0	18.31	0.068	18.29	0.067	18.24	0.067
10	16QAM	1	0	18.24	0.067	18.24	0.067	18.10	0.065
10	16QAM	1	25	18.30	0.068	18.19	0.066	18.19	0.066
10	16QAM	1	49	18.31	0.068	18.34	0.068	18.38	0.069
10	16QAM	25	0	17.37	0.055	17.34	0.054	17.28	0.053
10	16QAM	25	12	17.19	0.052	17.28	0.053	17.17	0.052
10	16QAM	25	25	17.21	0.053	17.09	0.051	17.17	0.052
10	16QAM	50	0	17.39	0.055	17.32	0.054	17.22	0.053





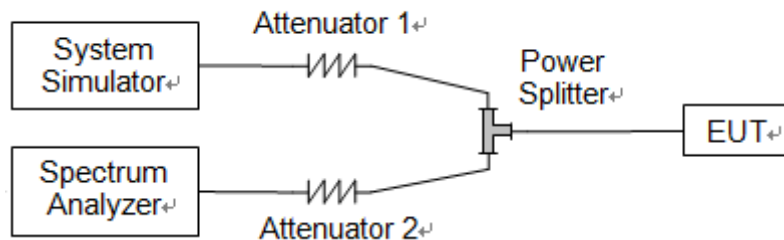
LTE Band 71				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				133147		133247		133447	
Frequency (MHz)				665.5		675.5		695.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	19.13	0.082	19.33	0.086	19.28	0.085
5	QPSK	1	12	19.17	0.083	19.26	0.084	19.21	0.083
5	QPSK	1	24	19.12	0.082	19.24	0.084	19.17	0.083
5	QPSK	12	0	18.36	0.069	18.33	0.068	18.21	0.066
5	QPSK	12	7	18.20	0.066	18.17	0.066	18.24	0.067
5	QPSK	12	13	18.26	0.067	18.17	0.066	18.28	0.067
5	QPSK	25	0	18.21	0.066	18.31	0.068	18.26	0.067
5	16QAM	1	0	18.38	0.069	18.24	0.067	18.36	0.069
5	16QAM	1	12	18.34	0.068	18.28	0.067	18.34	0.068
5	16QAM	1	24	18.34	0.068	18.28	0.067	18.40	0.069
5	16QAM	12	0	17.33	0.054	17.35	0.054	17.37	0.055
5	16QAM	12	7	17.35	0.054	17.30	0.054	17.12	0.052
5	16QAM	12	13	17.27	0.053	17.15	0.052	17.14	0.052
5	16QAM	25	0	17.22	0.053	17.44	0.055	17.23	0.053

## 2.2. Occupied Bandwidth

### 2.2.1. Requirement

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

### 2.2.2. Test Description



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

### 2.2.3. Test Procedure

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

### 2.2.4. Test Result



LTE Band 2				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.10	1.24
	Low	16QAM	1.10	1.25
	Mid	QPSK	1.10	1.25
	Mid	16QAM	1.10	1.26
	High	QPSK	1.10	1.24
	High	16QAM	1.11	1.25
3	Low	QPSK	2.73	3.05
	Low	16QAM	2.72	3.05
	Mid	QPSK	2.72	3.04
	Mid	16QAM	2.71	3.06
	High	QPSK	2.72	3.05
	High	16QAM	2.71	3.06
5	Low	QPSK	4.49	4.98
	Low	16QAM	4.50	4.96
	Mid	QPSK	4.50	4.97
	Mid	16QAM	4.51	4.94
	High	QPSK	4.49	4.95
	High	16QAM	4.50	5.00
10	Low	QPSK	9.03	9.87
	Low	16QAM	8.97	9.79
	Mid	QPSK	8.99	9.84
	Mid	16QAM	8.98	9.84
	High	QPSK	9.02	9.86
	High	16QAM	8.98	9.82
15	Low	QPSK	13.51	14.87
	Low	16QAM	13.48	14.93
	Mid	QPSK	13.45	14.89
	Mid	16QAM	13.48	14.96
	High	QPSK	13.53	15.02
	High	16QAM	13.51	14.99
20	Low	QPSK	18.00	19.75
	Low	16QAM	18.03	19.88
	Mid	QPSK	17.97	19.66
	Mid	16QAM	17.99	19.69
	High	QPSK	18.06	19.76
	High	16QAM	18.07	19.86



LTE Band 4				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.10	1.25
	Low	16QAM	1.10	1.26
	Mid	QPSK	1.10	1.25
	Mid	16QAM	1.10	1.25
	High	QPSK	1.10	1.24
	High	16QAM	1.10	1.26
3	Low	QPSK	2.72	3.05
	Low	16QAM	2.71	3.06
	Mid	QPSK	2.72	3.04
	Mid	16QAM	2.71	3.06
	High	QPSK	2.72	3.03
	High	16QAM	2.71	3.07
5	Low	QPSK	4.50	4.96
	Low	16QAM	4.51	4.97
	Mid	QPSK	4.49	4.95
	Mid	16QAM	4.50	4.97
	High	QPSK	4.50	4.98
	High	16QAM	4.52	5.02
10	Low	QPSK	9.02	9.89
	Low	16QAM	8.98	9.82
	Mid	QPSK	9.03	9.90
	Mid	16QAM	8.97	9.81
	High	QPSK	9.03	9.90
	High	16QAM	8.98	9.86
15	Low	QPSK	13.49	14.95
	Low	16QAM	13.49	15.03
	Mid	QPSK	13.49	14.96
	Mid	16QAM	13.48	14.87
	High	QPSK	13.52	15.04
	High	16QAM	13.49	14.95
20	Low	QPSK	18.04	19.79
	Low	16QAM	18.05	19.64
	Mid	QPSK	18.01	19.66
	Mid	16QAM	18.03	19.70
	High	QPSK	17.97	19.80
	High	16QAM	17.98	19.89



LTE Band 5				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.10	1.25
	Low	16QAM	1.10	1.25
	Mid	QPSK	1.09	1.24
	Mid	16QAM	1.10	1.24
	High	QPSK	1.10	1.25
	High	16QAM	1.11	1.66
3	Low	QPSK	2.71	3.05
	Low	16QAM	2.72	3.05
	Mid	QPSK	2.72	3.04
	Mid	16QAM	2.71	3.06
	High	QPSK	2.72	3.04
	High	16QAM	2.70	3.11
5	Low	QPSK	4.50	4.96
	Low	16QAM	4.50	4.97
	Mid	QPSK	4.50	4.98
	Mid	16QAM	4.50	4.98
	High	QPSK	4.50	5.00
	High	16QAM	4.51	4.97
10	Low	QPSK	9.00	9.93
	Low	16QAM	8.97	9.84
	Mid	QPSK	9.02	9.88
	Mid	16QAM	8.98	9.86
	High	QPSK	9.01	9.95
	High	16QAM	8.98	9.70



LTE Band 7				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.50	4.97
	Low	16QAM	4.50	4.96
	Mid	QPSK	4.50	4.98
	Mid	16QAM	4.51	4.96
	High	QPSK	4.50	4.97
	High	16QAM	4.51	4.99
10	Low	QPSK	9.01	9.84
	Low	16QAM	8.98	9.82
	Mid	QPSK	9.02	9.84
	Mid	16QAM	8.97	9.84
	High	QPSK	9.03	9.89
	High	16QAM	8.99	9.89
15	Low	QPSK	13.48	14.88
	Low	16QAM	13.52	15.07
	Mid	QPSK	13.47	14.94
	Mid	16QAM	13.51	14.89
	High	QPSK	13.47	14.90
	High	16QAM	13.53	15.06
20	Low	QPSK	17.99	19.76
	Low	16QAM	18.04	19.68
	Mid	QPSK	17.99	19.79
	Mid	16QAM	18.02	19.80
	High	QPSK	18.01	19.84
	High	16QAM	18.06	19.86



LTE Band 12				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.09	1.24
	Low	16QAM	1.10	1.25
	Mid	QPSK	1.10	1.24
	Mid	16QAM	1.10	1.25
	High	QPSK	1.09	1.24
	High	16QAM	1.10	1.25
3	Low	QPSK	2.71	3.04
	Low	16QAM	2.71	3.06
	Mid	QPSK	2.71	3.05
	Mid	16QAM	2.71	3.06
	High	QPSK	2.72	3.04
	High	16QAM	2.71	3.06
5	Low	QPSK	4.49	4.93
	Low	16QAM	4.48	4.95
	Mid	QPSK	4.50	4.98
	Mid	16QAM	4.51	4.98
	High	QPSK	4.51	5.72
	High	16QAM	4.50	4.98
10	Low	QPSK	9.01	9.85
	Low	16QAM	8.98	9.85
	Mid	QPSK	9.04	9.86
	Mid	16QAM	9.01	9.84
	High	QPSK	8.99	9.81
	High	16QAM	8.95	9.77



LTE Band 17				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.50	4.96
	Low	16QAM	4.51	5.01
	Mid	QPSK	4.50	4.96
	Mid	16QAM	4.50	4.94
	High	QPSK	4.50	4.96
	High	16QAM	4.50	4.96
10	Low	QPSK	9.01	9.83
	Low	16QAM	8.98	9.82
	Mid	QPSK	9.01	9.87
	Mid	16QAM	8.96	9.79
	High	QPSK	8.98	9.83
	High	16QAM	8.95	9.74





LTE Band 66				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.10	1.24
	Low	16QAM	1.10	1.25
	Mid	QPSK	1.10	1.25
	Mid	16QAM	1.10	1.26
	High	QPSK	1.10	1.25
	High	16QAM	1.10	1.24
3	Low	QPSK	2.71	3.04
	Low	16QAM	2.71	3.03
	Mid	QPSK	2.71	3.06
	Mid	16QAM	2.71	3.05
	High	QPSK	2.71	3.05
	High	16QAM	2.71	3.06
5	Low	QPSK	4.49	4.98
	Low	16QAM	4.50	4.99
	Mid	QPSK	4.50	4.98
	Mid	16QAM	4.50	4.96
	High	QPSK	4.50	4.98
	High	16QAM	4.50	4.93
10	Low	QPSK	9.00	9.91
	Low	16QAM	8.97	9.87
	Mid	QPSK	9.02	9.83
	Mid	16QAM	8.98	9.82
	High	QPSK	9.00	9.92
	High	16QAM	8.98	9.80
15	Low	QPSK	13.49	14.88
	Low	16QAM	13.50	14.83
	Mid	QPSK	13.47	14.86
	Mid	16QAM	13.47	14.96
	High	QPSK	13.48	14.99
	High	16QAM	13.49	14.86
20	Low	QPSK	18.03	19.78
	Low	16QAM	18.08	19.91
	Mid	QPSK	17.99	19.69
	Mid	16QAM	17.99	19.82
	High	QPSK	18.01	19.77
	High	16QAM	18.03	19.88



LTE Band 71				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.48	4.94
	Low	16QAM	4.48	4.95
	Mid	QPSK	4.50	4.95
	Mid	16QAM	4.50	4.98
	High	QPSK	4.50	4.97
	High	16QAM	4.50	4.94
10	Low	QPSK	8.99	9.88
	Low	16QAM	8.97	9.87
	Mid	QPSK	9.00	9.85
	Mid	16QAM	8.95	9.80
	High	QPSK	8.99	9.77
	High	16QAM	8.98	9.79
15	Low	QPSK	13.51	14.92
	Low	16QAM	13.51	14.92
	Mid	QPSK	13.46	14.85
	Mid	16QAM	13.43	14.93
	High	QPSK	13.52	14.89
	High	16QAM	13.54	14.94
20	Low	QPSK	18.01	19.75
	Low	16QAM	18.01	19.73
	Mid	QPSK	17.97	19.68
	Mid	16QAM	17.96	19.72
	High	QPSK	18.09	19.67
	High	16QAM	18.10	19.81



Band2 / 1.4MHz / QPSK/ Low CH



Band2 / 1.4MHz / 16QAM/ Low CH



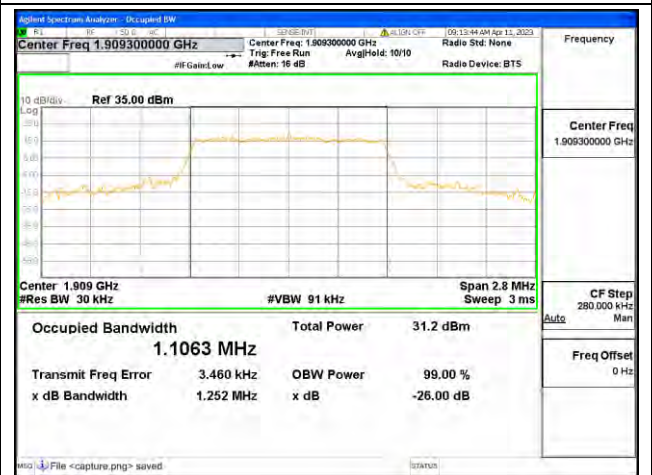
Band2 / 1.4MHz / QPSK/ Mid CH



Band2 / 1.4MHz / 16QAM/ Mid CH



Band2 / 1.4MHz / QPSK/ High CH



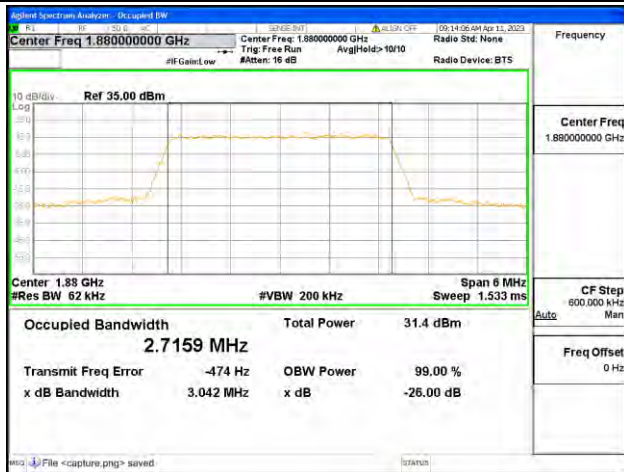
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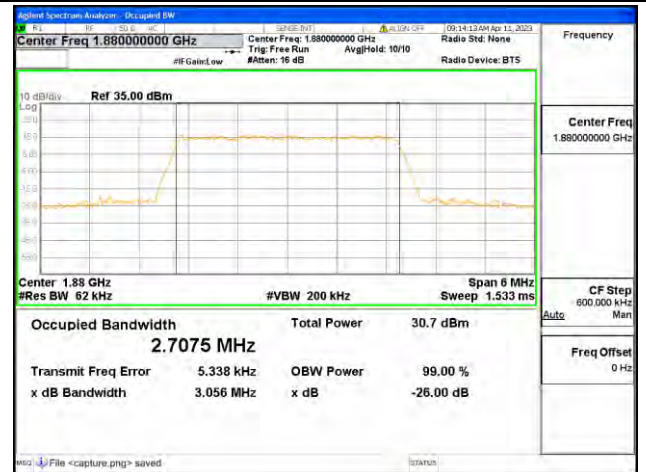
Band2 / 3MHz / QPSK/ Low CH



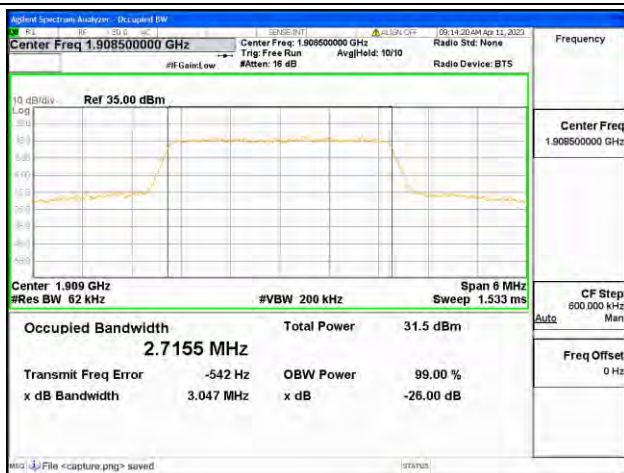
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Band2 / 3MHz / QPSK/ Mid CH



Band2 / 3MHz / 16QAM/ Mid CH



Band2 / 3MHz / QPSK/ High CH



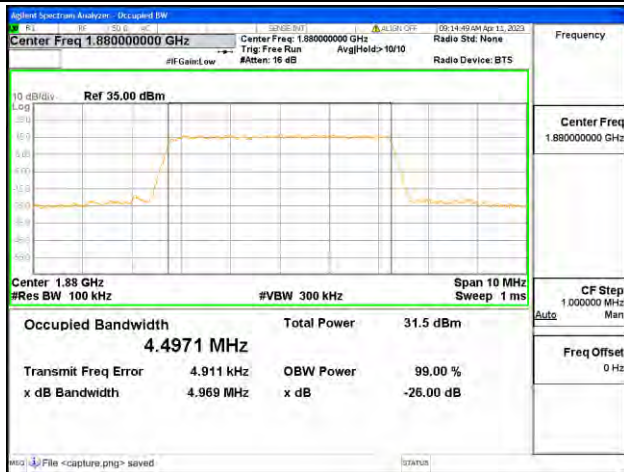
Band2 / 3MHz / 16QAM/ High CH



Band2 / 5MHz / QPSK/ Low CH



Band2 / 5MHz / 16QAM/ Low CH



Band2 / 5MHz / QPSK/ Mid CH



Band2 / 5MHz / 16QAM/ Mid CH



Band2 / 5MHz / QPSK/ High CH



Band2 / 5MHz / 16QAM/ High CH



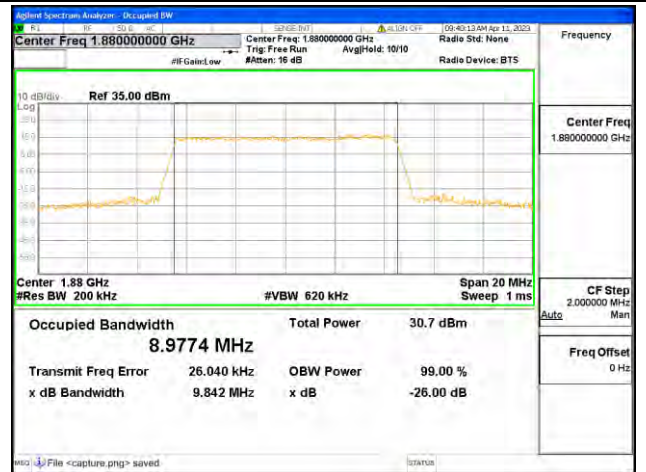
Band2 / 10MHz / QPSK/ Low CH



Band2 / 10MHz / 16QAM/ Low CH



Band2 / 10MHz / QPSK/ Mid CH



Band2 / 10MHz / 16QAM/ Mid CH



Band2 / 10MHz / QPSK/ High CH



Band2 / 10MHz / 16QAM/ High CH



Band2 / 15MHz / QPSK/ Low CH



Band2 / 15MHz / 16QAM/ Low CH



Band2 / 15MHz / QPSK/ Mid CH



Band2 / 15MHz / 16QAM/ Mid CH



Band2 / 15MHz / QPSK/ High CH



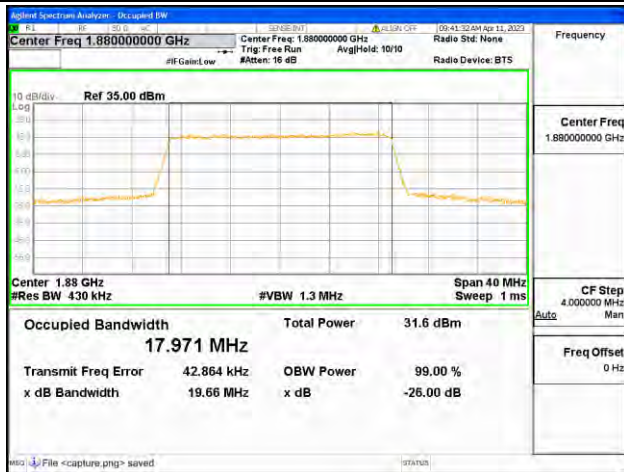
Band2 / 15MHz / 16QAM/ High CH



Band2 / 20MHz / QPSK/ Low CH



Band2 / 20MHz / 16QAM/ Low CH



Band2 / 20MHz / QPSK/ Mid CH



Band2 / 20MHz / 16QAM/ Mid CH

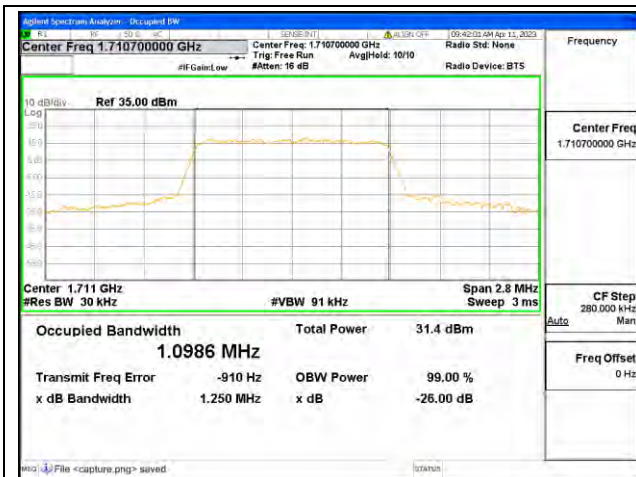


Band2 / 20MHz / QPSK/ High CH

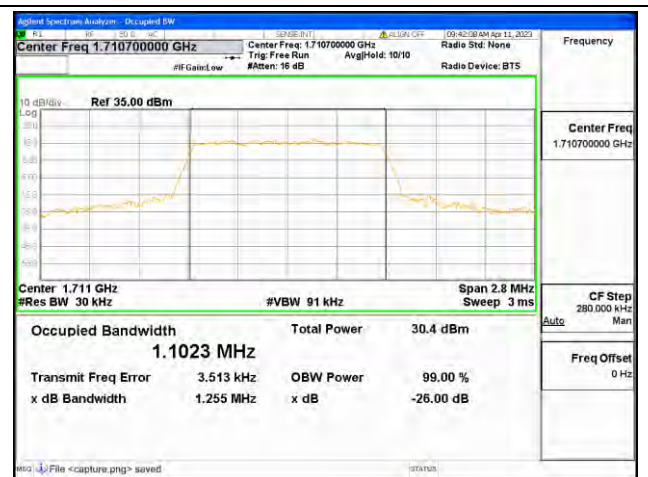


Band2 / 20MHz / 16QAM/ High CH

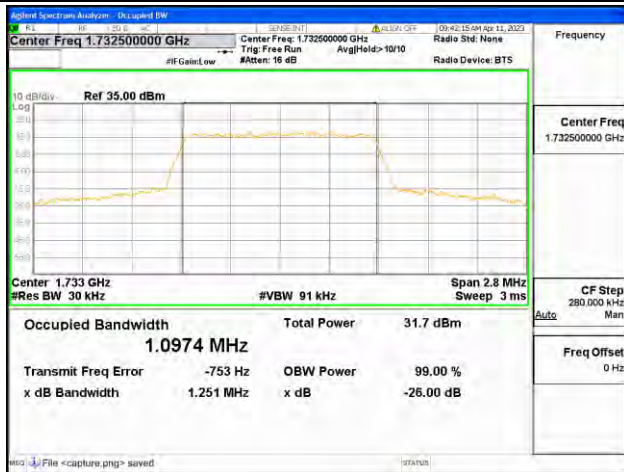




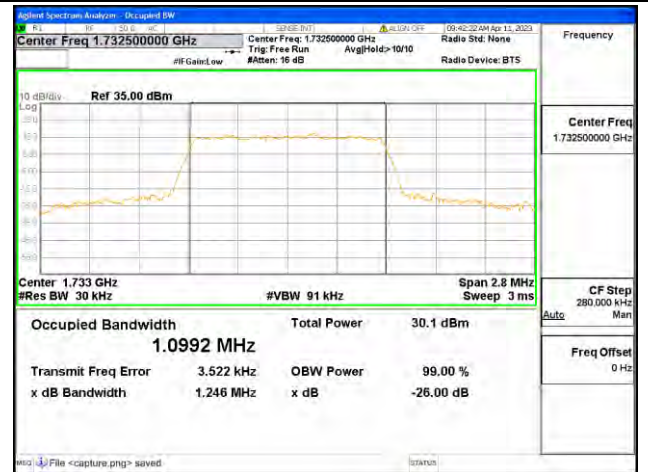
Band4 / 1.4MHz / QPSK/ Low CH



Band4 / 1.4MHz / 16QAM/ Low CH



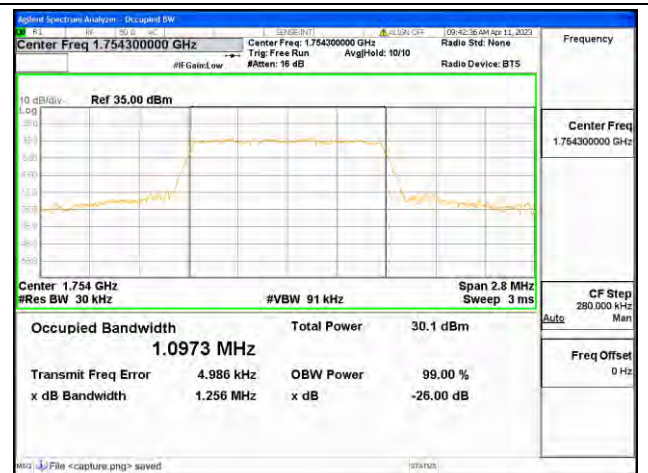
Band4 / 1.4MHz / QPSK/ Mid CH



Band4 / 1.4MHz / 16QAM/ Mid CH



Band4 / 1.4MHz / QPSK/ High CH



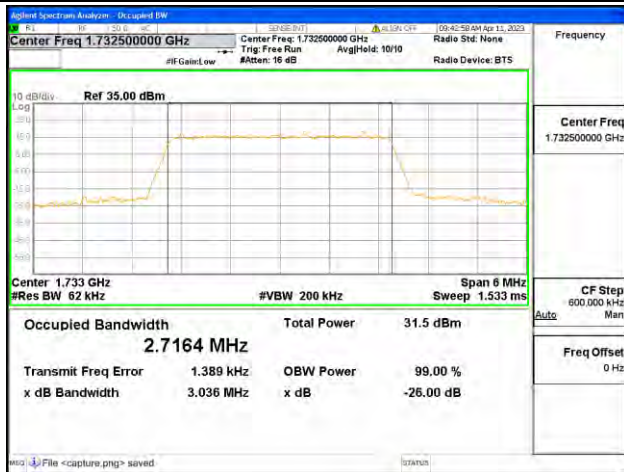
Band4 / 1.4MHz / 16QAM/ High CH



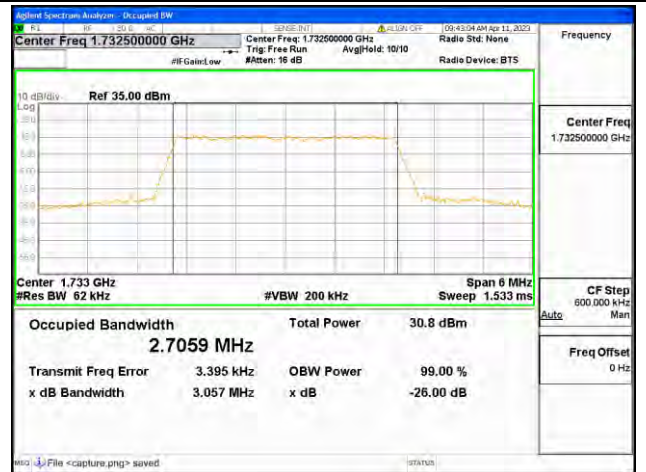
Band4 / 3MHz / QPSK/ Low CH



Band4 / 3MHz / 16QAM/ Low CH



Band4 / 3MHz / QPSK/ Mid CH



Band4 / 3MHz / 16QAM/ Mid CH



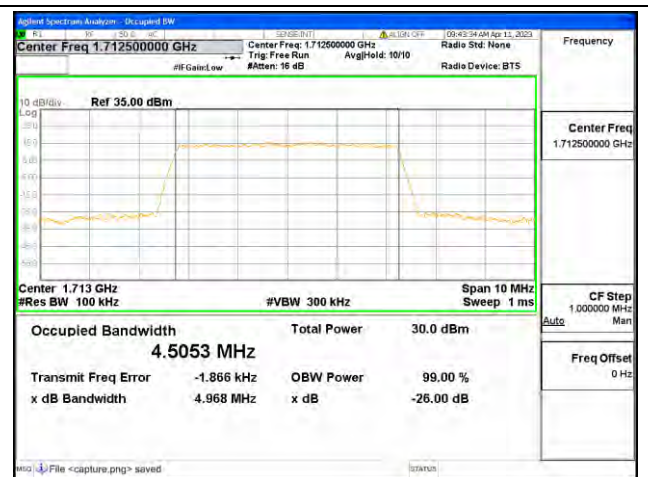
Band4 / 3MHz / QPSK/ High CH



Band4 / 3MHz / 16QAM/ High CH



Band4 / 5MHz / QPSK/ Low CH



Band4 / 5MHz / 16QAM/ Low CH



Band4 / 5MHz / QPSK/ Mid CH



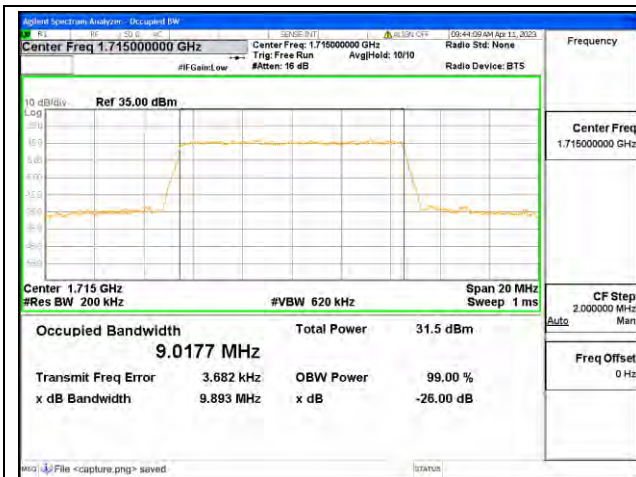
Band4 / 5MHz / 16QAM/ Mid CH



Band4 / 5MHz / QPSK/ High CH



Band4 / 5MHz / 16QAM/ High CH



Band4 / 10MHz / QPSK/ Low CH



Band4 / 10MHz / 16QAM/ Low CH



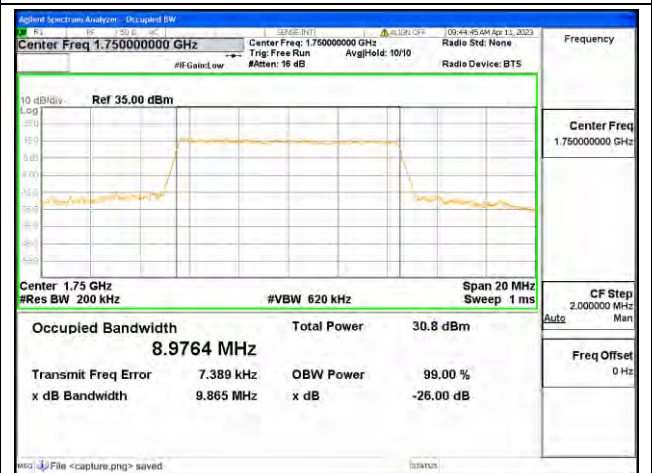
Band4 / 10MHz / QPSK/ Mid CH



Band4 / 10MHz / 16QAM/ Mid CH



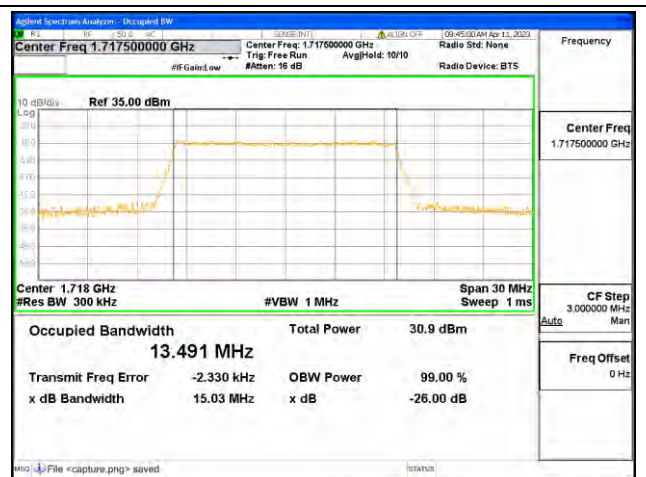
Band4 / 10MHz / QPSK/ High CH



Band4 / 10MHz / 16QAM/ High CH



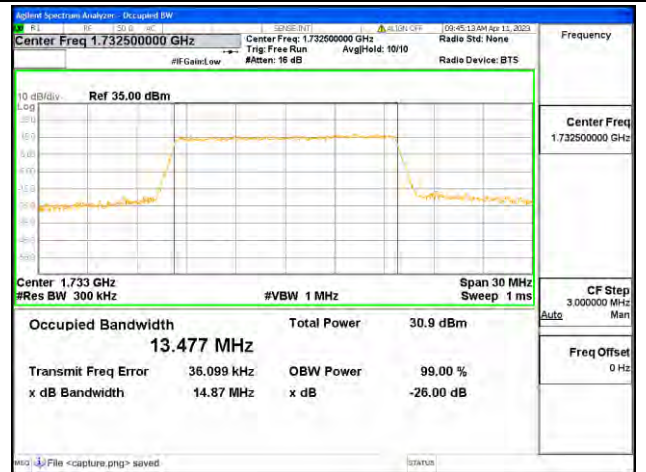
Band4 / 15MHz / QPSK/ Low CH



Band4 / 15MHz / 16QAM/ Low CH



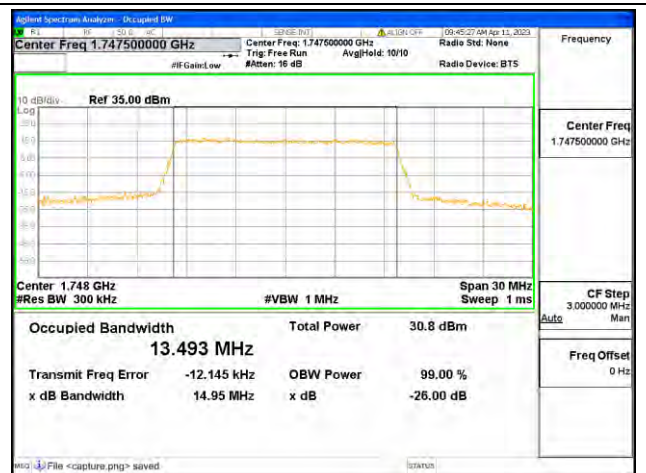
Band4 / 15MHz / QPSK/ Mid CH



Band4 / 15MHz / 16QAM/ Mid CH



Band4 / 15MHz / QPSK/ High CH



Band4 / 15MHz / 16QAM/ High CH



Band4 / 20MHz / QPSK/ Low CH



Band4 / 20MHz / 16QAM/ Low CH



Band4 / 20MHz / QPSK/ Mid CH



Band4 / 20MHz / 16QAM/ Mid CH



Band4 / 20MHz / QPSK/ High CH



Band4 / 20MHz / 16QAM/ High CH



Band5 / 1.4MHz / QPSK/ Low CH



Band5 / 1.4MHz / 16QAM/ Low CH



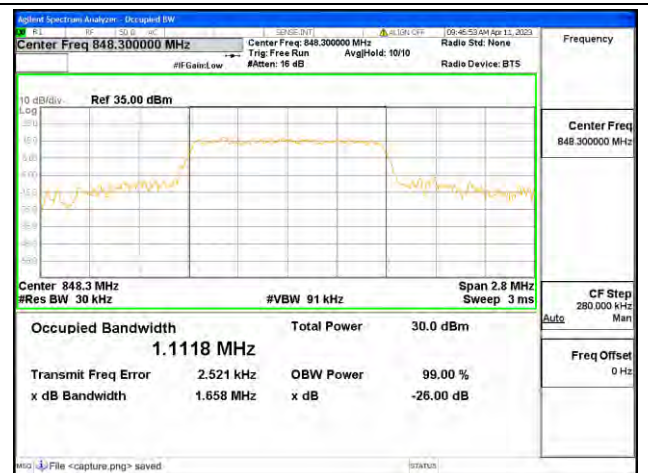
Band5 / 1.4MHz / QPSK/ Mid CH



Band5 / 1.4MHz / 16QAM/ Mid CH



Band5 / 1.4MHz / QPSK/ High CH



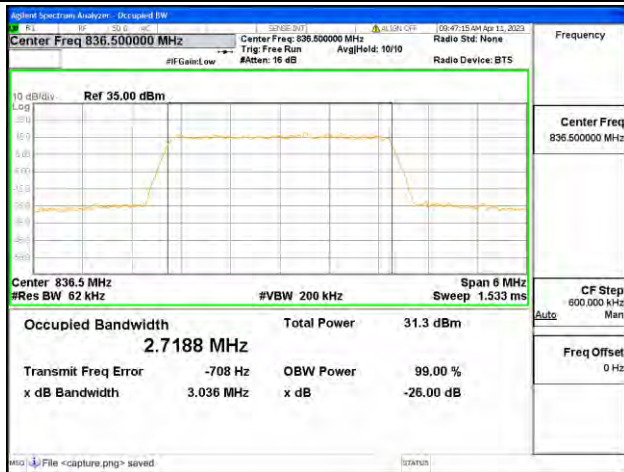
Band5 / 1.4MHz / 16QAM/ High CH



Band5 / 3MHz / QPSK/ Low CH



Band5 / 3MHz / 16QAM/ Low CH



Band5 / 3MHz / QPSK/ Mid CH



Band5 / 3MHz / 16QAM/ Mid CH



Band5 / 3MHz / QPSK/ High CH



Band5 / 3MHz / 16QAM/ High CH





Band5 / 5MHz / QPSK/ Low CH



Band5 / 5MHz / 16QAM/ Low CH



Band5 / 5MHz / QPSK/ Mid CH



Band5 / 5MHz / 16QAM/ Mid CH



Band5 / 5MHz / QPSK/ High CH



Band5 / 5MHz / 16QAM/ High CH



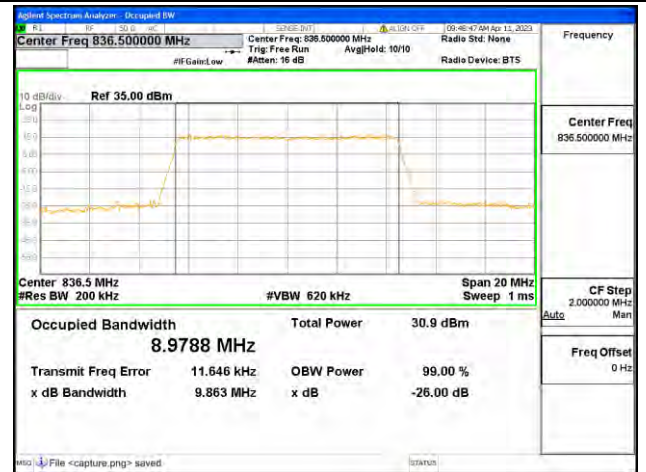
Band5 / 10MHz / QPSK/ Low CH



Band5 / 10MHz / 16QAM/ Low CH



Band5 / 10MHz / QPSK/ Mid CH



Band5 / 10MHz / 16QAM/ Mid CH



Band5 / 10MHz / QPSK/ High CH



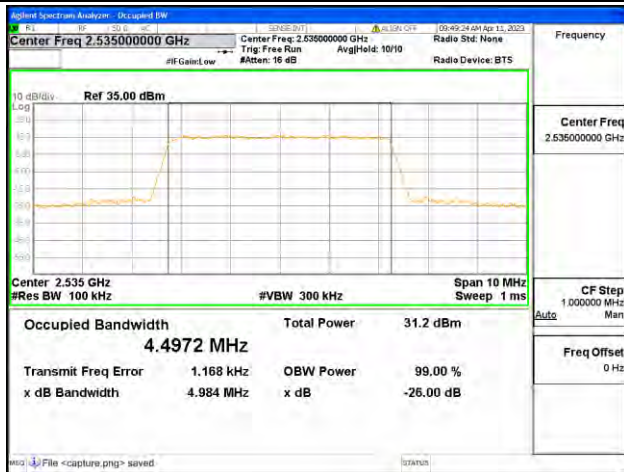
Band5 / 10MHz / 16QAM/ High CH



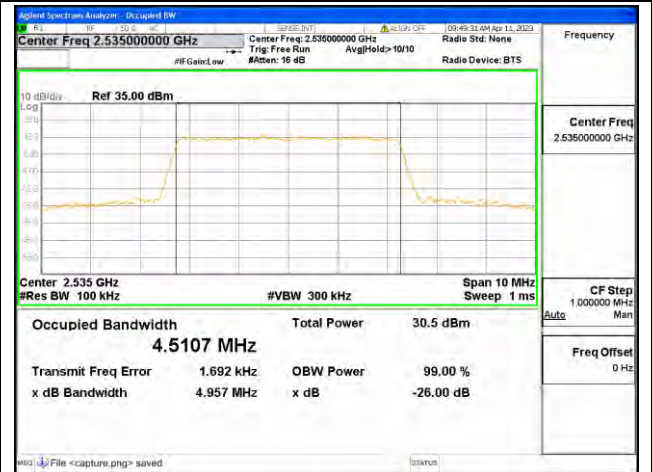
Band7 / 5MHz / QPSK/ Low CH



Band7 / 5MHz / 16QAM/ Low CH



Band7 / 5MHz / QPSK/ Mid CH



Band7 / 5MHz / 16QAM/ Mid CH



Band7 / 5MHz / QPSK/ High CH



Band7 / 5MHz / 16QAM/ High CH



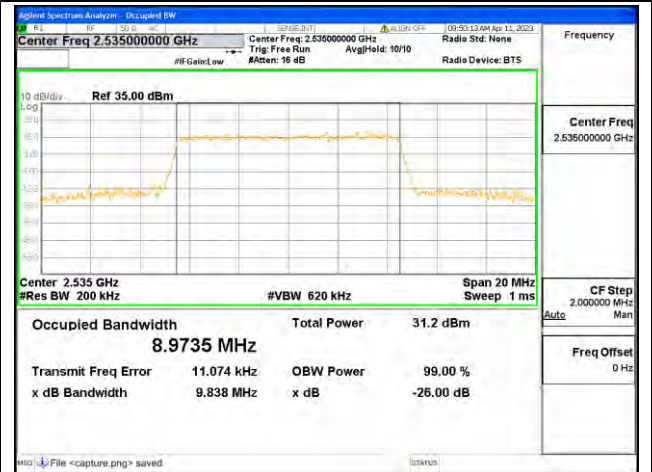
Band7 / 10MHz / QPSK/ Low CH



Band7 / 10MHz / 16QAM/ Low CH



Band7 / 10MHz / QPSK/ Mid CH



Band7 / 10MHz / 16QAM/ Mid CH



Band7 / 10MHz / QPSK/ High CH



Band7 / 10MHz / 16QAM/ High CH



Band7 / 15MHz / QPSK/ Low CH



Band7 / 15MHz / 16QAM/ Low CH



Band7 / 15MHz / QPSK/ Mid CH



Band7 / 15MHz / 16QAM/ Mid CH



Band7 / 15MHz / QPSK/ High CH



Band7 / 15MHz / 16QAM/ High CH



Band7 / 20MHz / QPSK/ Low CH



Band7 / 20MHz / 16QAM/ Low CH



Band7 / 20MHz / QPSK/ Mid CH



Band7 / 20MHz / 16QAM/ Mid CH



Band7 / 20MHz / QPSK/ High CH



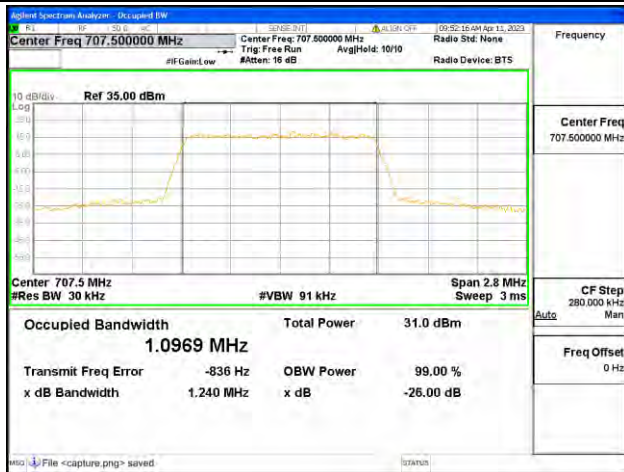
Band7 / 20MHz / 16QAM/ High CH



Band12 / 1.4MHz / QPSK/ Low CH



Band12 / 1.4MHz / 16QAM/ Low CH



Band12 / 1.4MHz / QPSK/ Mid CH



Band12 / 1.4MHz / 16QAM/ Mid CH



Band12 / 1.4MHz / QPSK/ High CH



Band12 / 1.4MHz / 16QAM/ High CH



Band12 / 3MHz / QPSK/ Low CH



Band12 / 3MHz / 16QAM/ Low CH



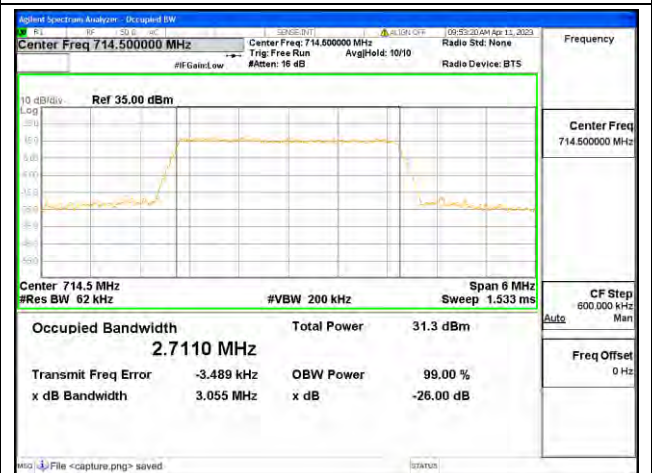
Band12 / 3MHz / QPSK/ Mid CH



Band12 / 3MHz / 16QAM/ Mid CH



Band12 / 3MHz / QPSK/ High CH



Band12 / 3MHz / 16QAM/ High CH





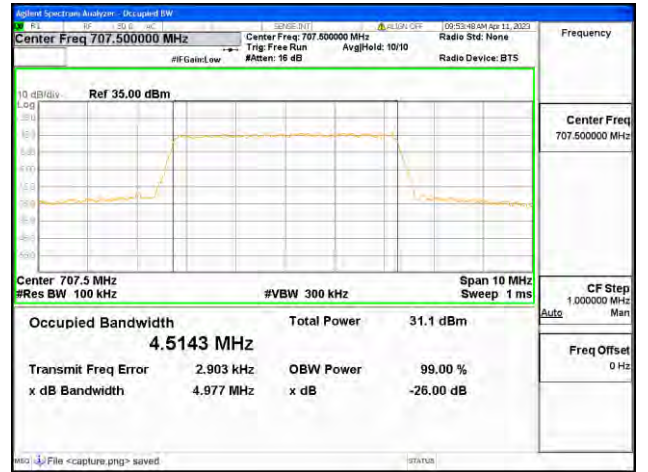
Band12 / 5MHz / QPSK/ Low CH



Band12 / 5MHz / 16QAM/ Low CH



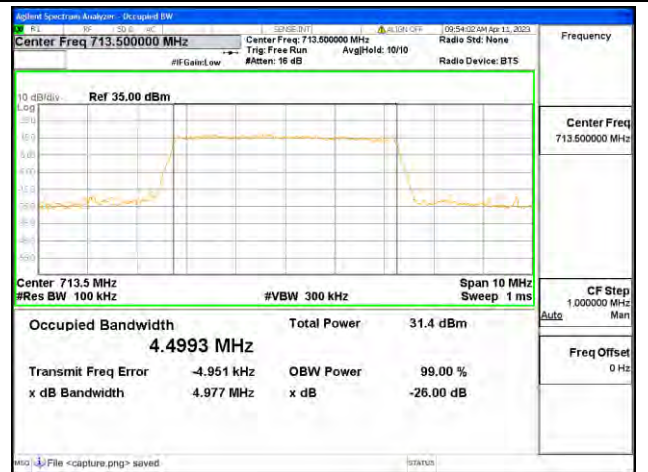
Band12 / 5MHz / QPSK/ Mid CH



Band12 / 5MHz / 16QAM/ Mid CH



Band12 / 5MHz / QPSK/ High CH



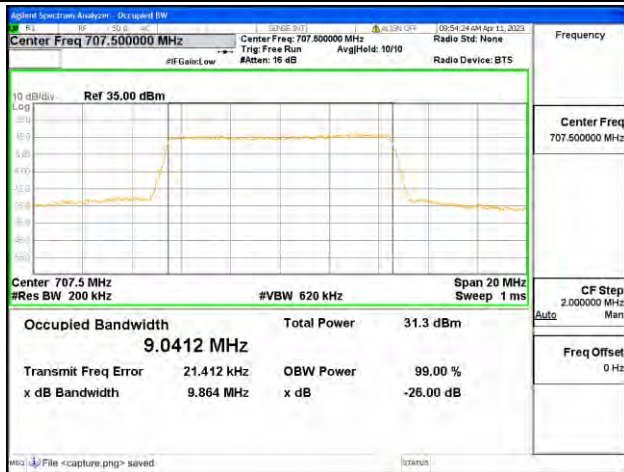
Band12 / 5MHz / 16QAM/ High CH



Band12 / 10MHz / QPSK/ Low CH



Band12 / 10MHz / 16QAM/ Low CH



Band12 / 10MHz / QPSK/ Mid CH



Band12 / 10MHz / 16QAM/ Mid CH



Band12 / 10MHz / QPSK/ High CH



Band12 / 10MHz / 16QAM/ High CH



Band17 / 5MHz / QPSK/ Low CH



Band17 / 5MHz / 16QAM/ Low CH



Band17 / 5MHz / QPSK/ Mid CH



Band17 / 5MHz / 16QAM/ Mid CH



Band17 / 5MHz / QPSK/ High CH



Band17 / 5MHz / 16QAM/ High CH



Band17 / 10MHz / QPSK/ Low CH



Band17 / 10MHz / 16QAM/ Low CH



Band17 / 10MHz / QPSK/ Mid CH



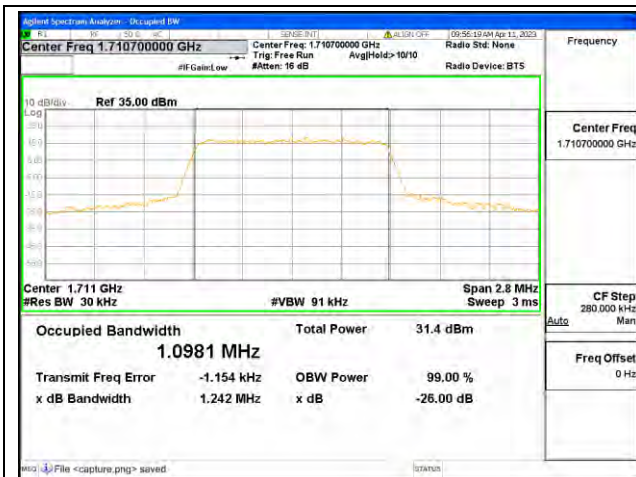
Band17 / 10MHz / 16QAM/ Mid CH



Band17 / 10MHz / QPSK/ High CH



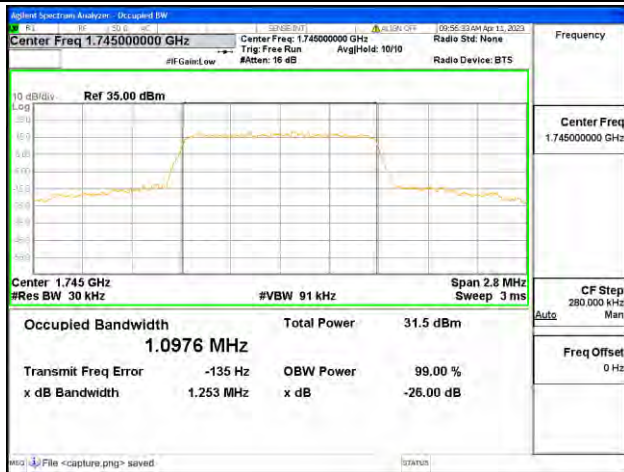
Band17 / 10MHz / 16QAM/ High CH



Band66 / 1.4MHz / QPSK/ Low CH



Band66 / 1.4MHz / 16QAM/ Low CH



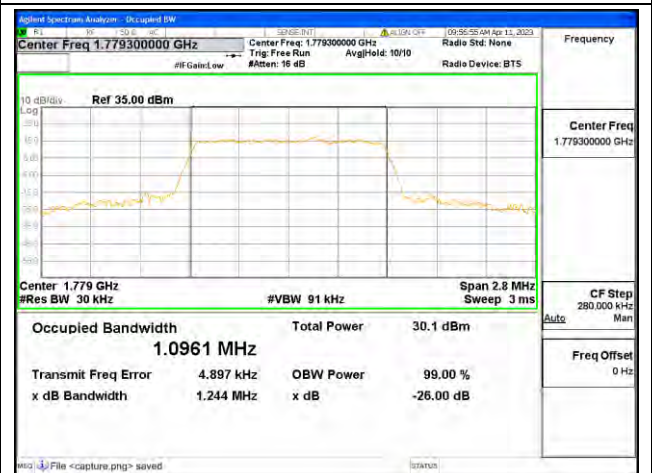
Band66 / 1.4MHz / QPSK/ Mid CH



Band66 / 1.4MHz / 16QAM/ Mid CH



Band66 / 1.4MHz / QPSK/ High CH



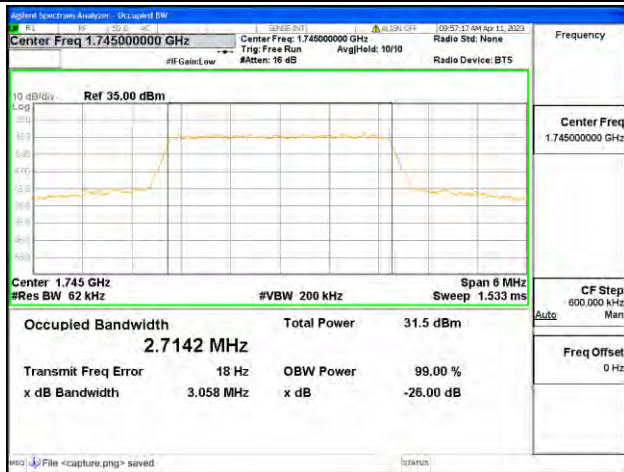
Band66 / 1.4MHz / 16QAM/ High CH



Band66 / 3MHz / QPSK/ Low CH



Band66 / 3MHz / 16QAM/ Low CH



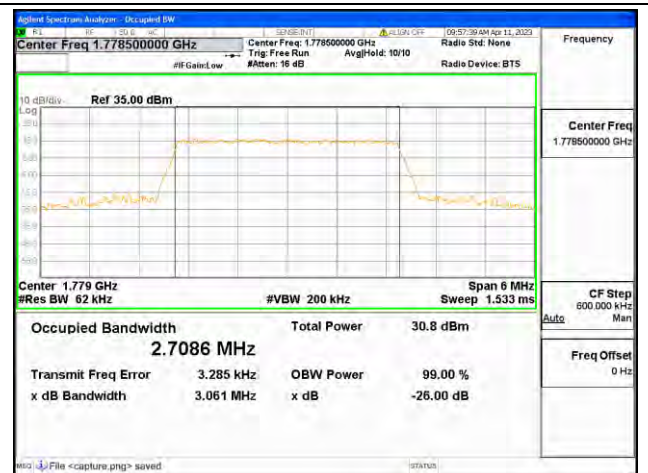
Band66 / 3MHz / QPSK/ Mid CH



Band66 / 3MHz / 16QAM/ Mid CH



Band66 / 3MHz / QPSK/ High CH



Band66 / 3MHz / 16QAM/ High CH



Band66 / 5MHz / QPSK/ Low CH



Band66 / 5MHz / 16QAM/ Low CH



Band66 / 5MHz / QPSK/ Mid CH



Band66 / 5MHz / 16QAM/ Mid CH



Band66 / 5MHz / QPSK/ High CH



Band66 / 5MHz / 16QAM/ High CH



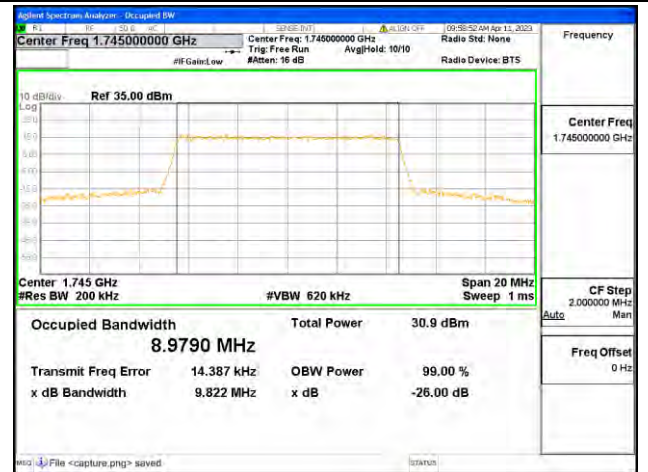
Band66 / 10MHz / QPSK/ Low CH



Band66 / 10MHz / 16QAM/ Low CH



Band66 / 10MHz / QPSK/ Mid CH



Band66 / 10MHz / 16QAM/ Mid CH



Band66 / 10MHz / QPSK/ High CH



Band66 / 10MHz / 16QAM/ High CH

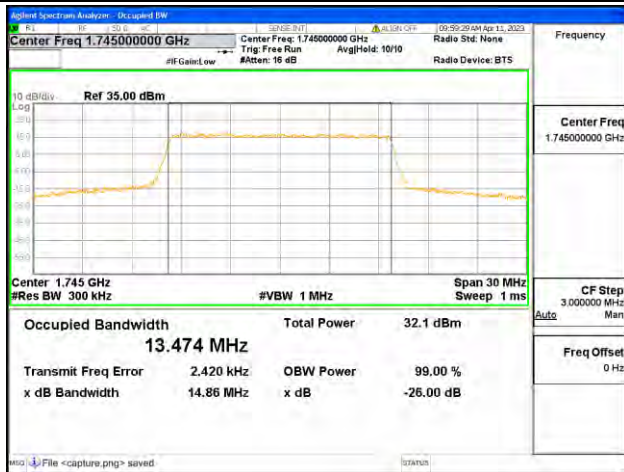




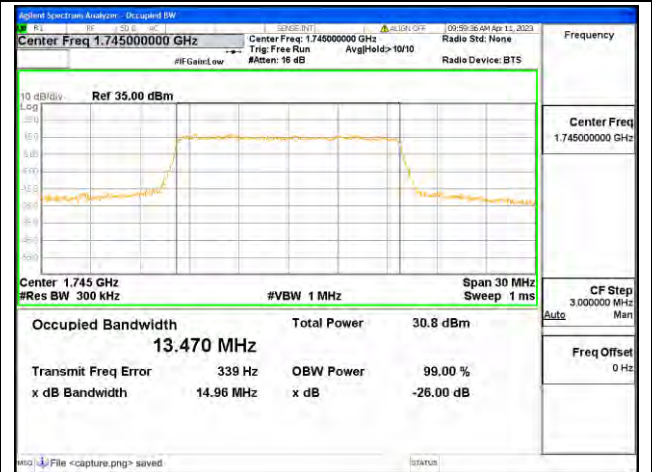
Band66 / 15MHz / QPSK/ Low CH



Band66 / 15MHz / 16QAM/ Low CH



Band66 / 15MHz / QPSK/ Mid CH



Band66 / 15MHz / 16QAM/ Mid CH



Band66 / 15MHz / QPSK/ High CH



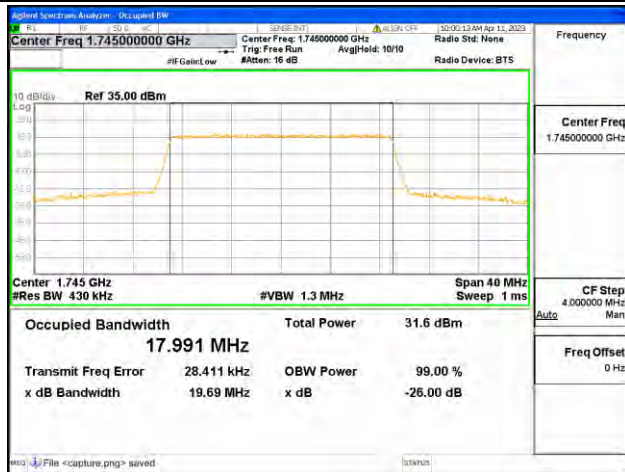
Band66 / 15MHz / 16QAM/ High CH



Band66 / 20MHz / QPSK/ Low CH



Band66 / 20MHz / 16QAM/ Low CH



Band66 / 20MHz / QPSK/ Mid CH



Band66 / 20MHz / 16QAM/ Mid CH



Band66 / 20MHz / QPSK/ High CH



Band66 / 20MHz / 16QAM/ High CH