



REPORT No. : SZ22080079W05

TEST REPORT

APPLICANT : Acer Incorporated

PRODUCT NAME : Acer Connect

MODEL NAME : M3

BRAND NAME : Acer

FCC ID : HLZM3

STANDARD(S) : 47 CFR Part 22, Subpart H
47 CFR Part 24, Subpart E
47 CFR Part 27, Subpart D&F&H
47 CFR Part 27, Subpart L&M&N&Q

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Change History		
Version	Date	Reason for change
1.0	2023-03-06	First edition



1. Technical Information

Note: Provide by applicant.

1.1. Applicant and Manufacturer Information

Applicant:	Acer Incorporated
Applicant Address:	8F, 88, Sec. 1, Xintai 5th Rd. Xizhi, New Taipei City 221 Taiwan
Manufacturer:	Acer Incorporated
Manufacturer Address:	8F, 88, Sec. 1, Xintai 5th Rd. Xizhi, New Taipei City 221 Taiwan

1.2. Equipment Under Test (EUT) Description

Product Name:	Acer Connect	
Sample No.:	9#,11#	
Hardware Version:	L30-MB-V1.1	
Software Version:	ASW2106_UN_1201_T0054	
Modulation Type:	QPSK, 16QAM, 64QAM	
Carrier Aggregation:	Only support downlink CA_5B, CA_7C, CA_66B, CA_66C, CA_2A_2A, CA_2A-4A, CA_2A-4A, CA_2A-5A, CA_2A-5A, CA_2A-12A, CA_2A-12A, CA_2A-13A, CA_2A-13A, CA_2A-14A, CA_2A-14A, CA_2A-29A, CA_2A-66A, CA_2A-66A, CA_2A-71A, CA_2A-71A, CA_5A-5A, CA_5A-7A, CA_5A-7A, CA_5A-30A, CA_5A-30A, CA_5A-66A, CA_5A-66A, CA_7A-7A, CA_7A-12A, CA_7A-12A, CA_7A-71A, CA_7A-71A, CA_12A-66A, CA_12A-66A, CA_13A-66A, CA_13A-66A, CA_14A-66A, CA_14A-66A, CA_25A-25A, CA_25A-66A, CA_25A-66A, CA_66A-71A, CA_66A-71A, CA_66A-66A	
Operation Band:	Band 2 / 4 / 5 / 7 / 12 / 13 / 17 / 25 / 26 / 30 / 38 / 41 / 42 / 66 / 71 Band 29 only support receiver	
Power Class:	Class 3 (Except for LTE Band 41 support both class 2 and class 3)	
Frequency Range:	LTE Band 2	Tx: 1850MHz–1910MHz
		Rx: 1930MHz–1990MHz
	LTE Band 4	Tx: 1710MHz–1755MHz
		Rx: 2110MHz–2155MHz



Frequency Range:	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 13	Tx: 777MHz–787MHz
		Rx: 746MHz–756MHz
	LTE Band 17	Tx: 704MHz–716MHz
		Rx: 734MHz–746MHz
	LTE Band 25	Tx: 1850MHz–1915MHz
		Rx: 1930MHz–1995MHz
	LTE Band 26	Tx: 824MHz–849MHz
		Rx: 869MHz–894MHz
	LTE Band 29	Rx: 717MHz–728MHz
	LTE Band 30	Tx: 2305MHz–2315MHz
		Rx: 2350MHz–2360MHz
	LTE Band 38	Tx: 2570MHz–2620MHz
		Rx: 2570MHz–2620MHz
	LTE Band 41	Tx: 2496MHz –2690MHz
		Tx: 2496MHz –2690MHz
Channel Bandwidth:	LTE Band 42	Tx: 3450MHz–3550MHz
		Rx: 3450MHz–3550MHz
	LTE Band 66	Tx: 1710MHz –1780MHz
		Rx: 2110MHz –2200MHz
	LTE Band 71	Tx: 663MHz –698MHz
		Rx: 617MHz –652MHz
	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, 15 MHz, 20 MHz
	LTE Band 12	1.4MHz, 3 MHz, 5 MHz, 10MHz
	LTE Band 13	5 MHz, 10MHz
	LTE Band 17	5 MHz, 10MHz
	LTE Band 25	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
	LTE Band 26	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz
	LTE Band 30	5 MHz, 10MHz



Channel Bandwidth:	LTE Band 38	5 MHz, 10MHz, 15MHz, 20MHz
	LTE Band 41	5 MHz, 10MHz, 15MHz, 20MHz
	LTE Band 42	5 MHz, 10MHz, 15MHz, 20MHz
	LTE Band 66	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
	LTE Band 71	5MHz, 10MHz, 15MHz, 20MHz
Antenna Type:	Fixed Internal Antenna	
Antenna Gain:	LTE Band 2	3.62dBi
	LTE Band 4	1.84dBi
	LTE Band 5	3.54dBi
	LTE Band 7	1.06dBi
	LTE Band 12	1.65dBi
	LTE Band 13	0.94dBi
	LTE Band 17	1.65dBi
	LTE Band 25	3.62dBi
	LTE Band 26	3.54dBi
	LTE Band 30	3.18dBi
	LTE Band 38	3.09dBi
	LTE Band 41	3.09dBi
	LTE Band 42	1.88dBi
	LTE Band 66	1.84dBi
	LTE Band 71	0.84dBi
Accessory Information:	Battery	
	Brand Name:	N/A
	Model No.:	765395
	Serial No.:	N/A
	Capacity:	6500mAh
	Rated Voltage:	3.85V
	Charge Limit:	4.4V
	Manufacturer:	Huizhou Highpower Technology Co., Ltd.

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

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



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

LTE Band 2	Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20	0.444	0.349	0.339	18M0G7D	18M0W7D	18M0W7D
15	0.442	0.355	0.346	13M5G7D	13M5W7D	13M5W7D
10	0.441	0.360	0.351	8M99G7D	8M97W7D	8M98W7D
5	0.440	0.360	0.352	4M50G7D	4M50W7D	4M51W7D
3	0.442	0.361	0.344	2M70G7D	2M70W7D	2M70W7D
1.4	0.436	0.359	0.352	1M10G7D	1M10W7D	1M10W7D
LTE Band 4	Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20	0.288	0.243	0.232	18M0G7D	18M0W7D	18M0W7D
15	0.287	0.236	0.234	13M5G7D	13M5W7D	13M5W7D
10	0.286	0.233	0.227	9M01G7D	8M97W7D	8M99W7D
5	0.286	0.237	0.231	4M50G7D	4M50W7D	4M51W7D
3	0.284	0.236	0.231	2M70G7D	2M70W7D	2M70W7D
1.4	0.285	0.238	0.231	1M10G7D	1M10W7D	1M10W7D
LTE Band 5	Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10	0.267	0.210	0.207	9M02G7D	8M98W7D	8M99W7D
5	0.265	0.213	0.207	4M50G7D	4M52W7D	4M51W7D
3	0.264	0.216	0.207	2M70G7D	2M70W7D	2M70W7D
1.4	0.265	0.212	0.209	1M10G7D	1M10W7D	1M10W7D
LTE Band 7	Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20	0.237	0.195	0.192	18M0G7D	18M0W7D	18M0W7D
15	0.235	0.193	0.189	13M5G7D	13M5W7D	13M5W7D
10	0.233	0.195	0.185	9M01G7D	8M98W7D	8M99W7D
5	0.235	0.193	0.190	4M51G7D	4M51W7D	4M51W7D
LTE Band 12	Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10	0.167	0.136	0.131	9M00G7D	8M98W7D	8M98W7D
5	0.162	0.137	0.134	4M51G7D	4M50W7D	4M51W7D
3	0.163	0.136	0.133	2M70G7D	2M70W7D	2M70W7D
1.4	0.161	0.136	0.133	1M10G7D	1M10W7D	1M10W7D



LTE Band 13	Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10	0.142	0.113	0.112	8M97G7D	8M94W7D	8M97W7D
5	0.141	0.115	0.113	4M50G7D	4M50W7D	4M51W7D
LTE Band 17	Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10	0.166	0.135	0.131	8M99G7D	8M96W7D	8M98W7D
5	0.165	0.136	0.130	4M51G7D	4M50W7D	4M51W7D
LTE Band 25	Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20	0.452	0.363	0.349	17M9G7D	18M0W7D	18M0W7D
15	0.441	0.361	0.346	13M5G7D	13M5W7D	13M5W7D
10	0.442	0.359	0.344	9M02G7D	8M98W7D	9M01W7D
5	0.444	0.361	0.344	4M51G7D	4M50W7D	4M52W7D
3	0.449	0.357	0.349	2M70G7D	2M70W7D	2M70W7D
1.4	0.446	0.363	0.344	1M10G7D	1M10W7D	1M10W7D
LTE Band 26	Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
15	0.299	0.267	0.236	13M5G7D	13M5W7D	13M5W7D
10	0.300	0.267	0.236	9M01G7D	8M97W7D	8M99W7D
5	0.300	0.267	0.236	4M51G7D	4M51W7D	4M51W7D
3	0.300	0.267	0.236	2M70G7D	2M70W7D	2M70W7D
1.4	0.300	0.267	0.236	1M10G7D	1M10W7D	1M10W7D
LTE Band 30	Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10	0.427	0.352	0.348	9M00G7D	8M98W7D	8M99W7D
5	0.420	0.338	0.335	4M50G7D	4M51W7D	4M51W7D
LTE Band 38	Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20	0.339	0.277	0.269	18M0G7D	18M0W7D	18M0W7D
15	0.337	0.275	0.273	13M5G7D	13M5W7D	13M5W7D
10	0.337	0.270	0.269	8M98G7D	8M98W7D	9M00W7D
5	0.338	0.278	0.270	4M50G7D	4M50W7D	4M51W7D



LTE Band 42		Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20		0.185	0.149	0.147	18M0G7D	18M0W7D	18M0W7D
15		0.185	0.151	0.147	13M5G7D	13M5W7D	13M5W7D
10		0.184	0.150	0.146	8M98G7D	8M99W7D	8M99W7D
5		0.185	0.151	0.146	4M50G7D	4M51W7D	4M52W7D
LTE Band 66		Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20		0.292	0.236	0.230	17M9G7D	17M9W7D	17M9W7D
15		0.291	0.240	0.232	13M4G7D	13M5W7D	13M4W7D
10		0.290	0.237	0.229	9M01G7D	8M97W7D	8M99W7D
5		0.288	0.238	0.232	4M50G7D	4M50W7D	4M51W7D
3		0.286	0.238	0.234	2M70G7D	2M70W7D	2M71W7D
1.4		0.291	0.238	0.231	1M10G7D	1M10W7D	1M10W7D
LTE Band 71		Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20		0.140	0.114	0.112	18M0G7D	17M9W7D	17M9W7D
15		0.139	0.111	0.112	13M5G7D	13M5W7D	13M5W7D
10		0.139	0.115	0.112	8M99G7D	8M98W7D	8M99W7D
5		0.139	0.116	0.112	4M50G7D	4M50W7D	4M50W7D

LTE Band 41	Maximum E.R.P./E.I.R.P. (W)					
	Power Class 2			Power Class 3		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20	0.757	0.600	0.607	0.372	0.316	0.322
15	0.750	0.618	0.593	0.371	0.316	0.313
10	0.752	0.603	0.608	0.369	0.320	0.314
5	0.746	0.605	0.594	0.368	0.312	0.320
LTE Band 41	Emission Designator (99%OBW)					
	QPSK		16QAM		64QAM	
20	18M0G7D		18M0W7D		18M0W7D	
15	13M5G7D		13M5W7D		13M5W7D	
10	9M01G7D		9M01W7D		9M02W7D	
5	4M50G7D		4M52W7D		4M52W7D	

1.4. Test Standards and Results

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

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

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

Section	Description	Test Date	Test Engineer	Result	Method Determination /Remark
2.1046 22.913(a)(2) 24.232(c) 27.50(a)(3) 27.50(b)(10) 27.50(c)(10) 27.50(d)(4) 27.50(h)(2) 27.50(k)(3)	Transmitter Conducted Output Power and E.R.P./E.I.R.P.	Nov. 25, 2022	Chen Hao	PASS	No deviation
2.1049	Occupied Bandwidth	Nov. 14&16&17&18, 2022	Li Huaijie	PASS	No deviation
2.1055 22.355 24.235 27.54	Frequency Stability	Nov. 24, 2022	Li Huaijie	PASS	No deviation
24.232(d), 27.50(d)(5) 27.50(k)(4)	Peak to Average Radio	Nov. 14&16, 2022	Li Huaijie	PASS	No deviation
2.1051 22.917(a) 24.238(a) 27.53(a)(4) 27.53(c)(2) 27.53(g)	Conducted Spurious Emissions	Nov. 14&16&17&18, 2022	Li Huaijie	PASS	No deviation

27.53(h) 27.53(m)(4) 27.53(n)(2)					
2.1051 22.917(a) 24.238(a) 27.53(a)(4) 27.53(c)(2) 27.53(g) 27.53(h) 27.53(m)(4) 27.53(n)(2)	Band Edge	Nov. 14&16&17&18, 2022	Li Huaijie	PASS	No deviation
2.1053 22.917(a) 24.238(a) 27.53(a)(4) 27.53(c)(2) 27.53(g) 27.53(h) 27.53(m)(4) 27.53(n)(2)	Radiated Spurious Emissions	Dec. 26, 2022	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 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 D&F&H&L&M&N&Q Requirements

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

2.1.1. Requirement

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

According to FCC section 24.232 (c) for LTE Band 2/25, Mobile and portable stations are limited to 2 watts E.I.R.P. and the equipment must employ a means for limiting power to the minimum necessary for successful communications.

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

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

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

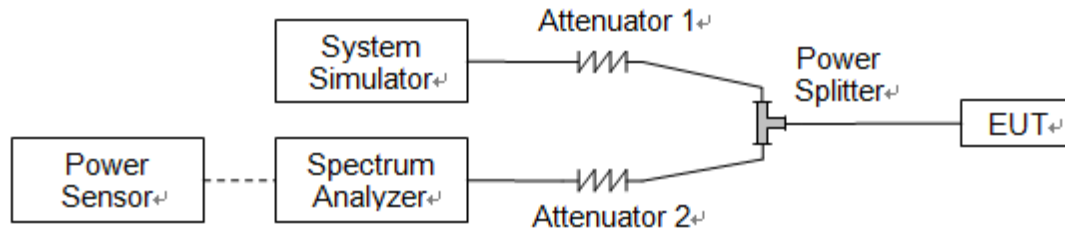
According to FCC section 27.50 (b)(10) for LTE Band 13, Portable stations (hand-held devices) transmitting in the 746-757 MHz, 776-788 MHz, and 805-806 MHz bands are limited to 3 watts E.R.P.

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.

According to FCC section 27.50 (a)(3) for LTE Band 30, Mobile and portable stations transmitting in the 2305-2315 MHz band or the 2350-2360 MHz band, the average E.I.R.P. must not exceed 50 milliwatts within any 1 megahertz of authorized bandwidth.

According to FCC section 27.50(k)(3) for Band 42, Mobile devices are limited to 1Watt (30 dBm) EIRP. Mobile devices operating in these bands must employ a means for limiting power to the minimum necessary for successful communications.

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	22.70	22.85	22.76
20	QPSK	1	49	22.71	22.59	22.69
20	QPSK	1	99	22.65	22.68	22.63
20	QPSK	50	0	21.73	21.79	21.71
20	QPSK	50	24	21.65	21.68	21.58
20	QPSK	50	50	21.71	21.74	21.70
20	QPSK	100	0	21.67	21.65	21.66
20	16QAM	1	0	21.75	21.81	21.77
20	16QAM	1	49	21.69	21.74	21.73
20	16QAM	1	99	21.65	21.68	21.62
20	16QAM	50	0	20.78	20.85	20.73
20	16QAM	50	24	20.72	20.77	20.68
20	16QAM	50	50	20.63	20.69	20.74
20	16QAM	100	0	20.70	20.72	20.66
20	64QAM	1	0	21.66	21.65	21.68
20	64QAM	1	49	21.58	21.62	21.60
20	64QAM	1	99	21.56	21.53	21.55
20	64QAM	50	0	20.70	20.73	20.69
20	64QAM	50	24	20.59	20.62	20.70
20	64QAM	50	50	20.53	20.53	20.58
20	64QAM	100	0	20.65	20.60	20.56



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				18675	18900	19125
Frequency (MHz)				1857.5	1880	1902.5
15	QPSK	1	0	22.53	22.83	22.76
15	QPSK	1	37	22.75	22.40	22.81
15	QPSK	1	74	22.81	22.70	22.74
15	QPSK	36	0	21.88	21.75	21.82
15	QPSK	36	20	21.57	21.64	21.43
15	QPSK	36	39	21.64	21.60	21.60
15	QPSK	75	0	21.71	21.60	21.55
15	16QAM	1	0	21.88	21.88	21.60
15	16QAM	1	37	21.66	21.64	21.79
15	16QAM	1	74	21.68	21.54	21.45
15	16QAM	36	0	20.86	20.78	20.53
15	16QAM	36	20	20.52	20.91	20.58
15	16QAM	36	39	20.59	20.82	20.55
15	16QAM	75	0	20.65	20.72	20.73
15	64QAM	1	0	21.57	21.77	21.51
15	64QAM	1	37	21.58	21.46	21.50
15	64QAM	1	74	21.54	21.46	21.64
15	64QAM	36	0	20.64	20.78	20.63
15	64QAM	36	20	20.71	20.81	20.88
15	64QAM	36	39	20.53	20.69	20.67
15	64QAM	75	0	20.75	20.76	20.45



LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18650	18900	19150
Frequency (MHz)				1855	1880	1905
10	QPSK	1	0	22.77	22.82	22.76
10	QPSK	1	25	22.72	22.66	22.57
10	QPSK	1	49	22.55	22.60	22.80
10	QPSK	25	0	21.84	21.87	21.54
10	QPSK	25	12	21.77	21.59	21.45
10	QPSK	25	25	21.76	21.54	21.85
10	QPSK	50	0	21.84	21.59	21.73
10	16QAM	1	0	21.94	21.82	21.93
10	16QAM	1	25	21.89	21.90	21.76
10	16QAM	1	49	21.82	21.60	21.55
10	16QAM	25	0	20.90	20.78	20.66
10	16QAM	25	12	20.91	20.57	20.49
10	16QAM	25	25	20.81	20.86	20.71
10	16QAM	50	0	20.67	20.56	20.61
10	64QAM	1	0	21.79	21.83	21.72
10	64QAM	1	25	21.66	21.80	21.73
10	64QAM	1	49	21.45	21.49	21.54
10	64QAM	25	0	20.79	20.79	20.85
10	64QAM	25	12	20.52	20.47	20.57
10	64QAM	25	25	20.73	20.54	20.49
10	64QAM	50	0	20.61	20.45	20.73



LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18625	18900	19175
Frequency (MHz)				1852.5	1880	1907.5
5	QPSK	1	0	22.64	22.81	22.58
5	QPSK	1	12	22.54	22.79	22.68
5	QPSK	1	24	22.80	22.55	22.63
5	QPSK	12	0	21.60	21.86	21.87
5	QPSK	12	7	21.59	21.72	21.53
5	QPSK	12	13	21.91	21.65	21.73
5	QPSK	25	0	21.81	21.52	21.59
5	16QAM	1	0	21.94	21.81	21.59
5	16QAM	1	12	21.59	21.57	21.76
5	16QAM	1	24	21.47	21.70	21.70
5	16QAM	12	0	20.91	20.88	20.64
5	16QAM	12	7	20.84	20.65	20.48
5	16QAM	12	13	20.83	20.76	20.81
5	16QAM	25	0	20.62	20.66	20.60
5	64QAM	1	0	21.84	21.48	21.55
5	64QAM	1	12	21.75	21.74	21.80
5	64QAM	1	24	21.37	21.71	21.51
5	64QAM	12	0	20.77	20.89	20.60
5	64QAM	12	7	20.65	20.58	20.64
5	64QAM	12	13	20.59	20.53	20.72
5	64QAM	25	0	20.83	20.79	20.71



LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18615	18900	19185
Frequency (MHz)				1851.5	1880	1908.5
3	QPSK	1	0	22.76	22.83	22.74
3	QPSK	1	8	22.64	22.69	22.78
3	QPSK	1	14	22.68	22.68	22.45
3	QPSK	8	0	21.81	21.85	21.86
3	QPSK	8	4	21.65	21.49	21.63
3	QPSK	8	7	21.58	21.83	21.87
3	QPSK	15	0	21.63	21.56	21.46
3	16QAM	1	0	21.75	21.95	21.63
3	16QAM	1	8	21.78	21.91	21.67
3	16QAM	1	14	21.57	21.80	21.62
3	16QAM	8	0	20.86	20.95	20.57
3	16QAM	8	4	20.85	20.74	20.85
3	16QAM	8	7	20.55	20.89	20.80
3	16QAM	15	0	20.73	20.57	20.75
3	64QAM	1	0	21.70	21.70	21.70
3	64QAM	1	8	21.65	21.75	21.51
3	64QAM	1	14	21.53	21.53	21.57
3	64QAM	8	0	20.75	20.57	20.55
3	64QAM	8	4	20.59	20.76	20.84
3	64QAM	8	7	20.34	20.67	20.69
3	64QAM	15	0	20.61	20.50	20.62



LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18607	18900	19193
Frequency (MHz)				1850.7	1880	1909.3
1.4	QPSK	1	0	22.77	22.68	22.69
1.4	QPSK	1	3	22.70	22.53	22.49
1.4	QPSK	1	5	22.72	22.68	22.45
1.4	QPSK	3	0	21.96	21.77	21.81
1.4	QPSK	3	1	21.53	21.87	21.64
1.4	QPSK	3	3	21.87	21.71	21.79
1.4	QPSK	6	0	21.63	21.63	21.82
1.4	16QAM	1	0	21.92	21.80	21.68
1.4	16QAM	1	3	21.72	21.93	21.81
1.4	16QAM	1	5	21.60	21.58	21.57
1.4	16QAM	3	0	20.72	20.78	20.86
1.4	16QAM	3	1	20.66	20.94	20.81
1.4	16QAM	3	3	20.70	20.67	20.77
1.4	16QAM	6	0	20.89	20.59	20.73
1.4	64QAM	1	0	21.80	21.85	21.50
1.4	64QAM	1	3	21.68	21.55	21.58
1.4	64QAM	1	5	21.74	21.54	21.57
1.4	64QAM	3	0	20.79	20.67	20.56
1.4	64QAM	3	1	20.65	20.51	20.72
1.4	64QAM	3	3	20.52	20.53	20.52
1.4	64QAM	6	0	20.71	20.69	20.42



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20050	20175	20300
Frequency (MHz)				1720	1732.5	1745
20	QPSK	1	0	22.68	22.76	22.70
20	QPSK	1	49	22.57	22.74	22.58
20	QPSK	1	99	22.49	22.73	22.57
20	QPSK	50	0	21.75	21.87	21.57
20	QPSK	50	24	21.72	21.48	21.63
20	QPSK	50	50	21.73	21.87	21.81
20	QPSK	100	0	21.82	21.57	21.72
20	16QAM	1	0	21.59	22.01	21.64
20	16QAM	1	49	21.51	21.58	21.91
20	16QAM	1	99	21.60	21.84	21.63
20	16QAM	50	0	20.81	20.74	20.68
20	16QAM	50	24	20.92	20.77	20.65
20	16QAM	50	50	20.57	20.79	20.87
20	16QAM	100	0	20.56	20.86	20.69
20	64QAM	1	0	21.81	21.82	21.51
20	64QAM	1	49	21.41	21.42	21.65
20	64QAM	1	99	21.60	21.45	21.65
20	64QAM	50	0	20.60	20.73	20.79
20	64QAM	50	24	20.48	20.72	20.65
20	64QAM	50	50	20.70	20.33	20.51
20	64QAM	100	0	20.52	20.66	20.36



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20025	20175	20325
Frequency (MHz)				1717.5	1732.5	1747.5
15	QPSK	1	0	22.74	22.67	22.68
15	QPSK	1	37	22.67	22.71	22.69
15	QPSK	1	74	22.58	22.68	22.63
15	QPSK	36	0	21.69	21.55	21.54
15	QPSK	36	20	21.83	21.70	21.72
15	QPSK	36	39	21.79	21.79	21.79
15	QPSK	75	0	21.80	21.77	21.59
15	16QAM	1	0	21.76	21.84	21.89
15	16QAM	1	37	21.67	21.63	21.61
15	16QAM	1	74	21.77	21.49	21.58
15	16QAM	36	0	20.72	20.76	20.87
15	16QAM	36	20	20.60	20.76	20.52
15	16QAM	36	39	20.77	20.50	20.55
15	16QAM	75	0	20.53	20.62	20.56
15	64QAM	1	0	21.54	21.85	21.77
15	64QAM	1	37	21.76	21.50	21.42
15	64QAM	1	74	21.68	21.73	21.40
15	64QAM	36	0	20.55	20.88	20.70
15	64QAM	36	20	20.78	20.75	20.64
15	64QAM	36	39	20.55	20.72	20.52
15	64QAM	75	0	20.54	20.52	20.67



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20000	20175	20350
Frequency (MHz)				1715	1732.5	1750
10	QPSK	1	0	22.69	22.73	22.65
10	QPSK	1	25	22.57	22.67	22.71
10	QPSK	1	49	22.67	22.66	22.53
10	QPSK	25	0	21.64	21.80	21.56
10	QPSK	25	12	21.85	21.55	21.66
10	QPSK	25	25	21.55	21.76	21.60
10	QPSK	50	0	21.66	21.46	21.57
10	16QAM	1	0	21.67	21.84	21.72
10	16QAM	1	25	21.62	21.62	21.63
10	16QAM	1	49	21.83	21.59	21.75
10	16QAM	25	0	20.92	20.92	20.88
10	16QAM	25	12	20.87	20.71	20.72
10	16QAM	25	25	20.78	20.63	20.64
10	16QAM	50	0	20.84	20.57	20.49
10	64QAM	1	0	21.70	21.68	21.57
10	64QAM	1	25	21.48	21.72	21.59
10	64QAM	1	49	21.38	21.45	21.68
10	64QAM	25	0	20.87	20.54	20.63
10	64QAM	25	12	20.71	20.68	20.81
10	64QAM	25	25	20.53	20.61	20.49
10	64QAM	50	0	20.66	20.50	20.36



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				19975	20175	20375
Frequency (MHz)				1712.5	1732.5	1752.5
5	QPSK	1	0	22.66	22.72	22.65
5	QPSK	1	12	22.65	22.69	22.50
5	QPSK	1	24	22.51	22.60	22.63
5	QPSK	12	0	21.71	21.55	21.70
5	QPSK	12	7	21.79	21.54	21.66
5	QPSK	12	13	21.53	21.56	21.73
5	QPSK	25	0	21.78	21.70	21.69
5	16QAM	1	0	21.86	21.78	21.91
5	16QAM	1	12	21.69	21.71	21.84
5	16QAM	1	24	21.84	21.56	21.58
5	16QAM	12	0	20.70	20.71	20.76
5	16QAM	12	7	20.80	20.81	20.77
5	16QAM	12	13	20.72	20.88	20.88
5	16QAM	25	0	20.56	20.53	20.68
5	64QAM	1	0	21.48	21.55	21.80
5	64QAM	1	12	21.40	21.73	21.75
5	64QAM	1	24	21.44	21.39	21.74
5	64QAM	12	0	20.57	20.84	20.70
5	64QAM	12	7	20.60	20.49	20.83
5	64QAM	12	13	20.36	20.44	20.38
5	64QAM	25	0	20.71	20.61	20.36



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				19965	20175	20385
Frequency (MHz)				1711.5	1732.5	1753.5
3	QPSK	1	0	22.61	22.69	22.62
3	QPSK	1	8	22.54	22.50	22.60
3	QPSK	1	14	22.61	22.65	22.54
3	QPSK	8	0	21.83	21.79	21.74
3	QPSK	8	4	21.76	21.68	21.46
3	QPSK	8	7	21.55	21.75	21.56
3	QPSK	15	0	21.72	21.50	21.57
3	16QAM	1	0	21.82	21.86	21.86
3	16QAM	1	8	21.88	21.87	21.62
3	16QAM	1	14	21.58	21.53	21.71
3	16QAM	8	0	20.80	20.94	20.67
3	16QAM	8	4	20.61	20.61	20.79
3	16QAM	8	7	20.83	20.58	20.56
3	16QAM	15	0	20.60	20.86	20.51
3	64QAM	1	0	21.59	21.64	21.51
3	64QAM	1	8	21.58	21.79	21.56
3	64QAM	1	14	21.51	21.58	21.45
3	64QAM	8	0	20.63	20.75	20.76
3	64QAM	8	4	20.65	20.52	20.77
3	64QAM	8	7	20.67	20.56	20.67
3	64QAM	15	0	20.62	20.71	20.68



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				19957	20175	20393
Frequency (MHz)				1710.7	1732.5	1754.3
1.4	QPSK	1	0	22.57	22.70	22.64
1.4	QPSK	1	3	22.71	22.68	22.66
1.4	QPSK	1	5	22.61	22.65	22.60
1.4	QPSK	3	0	21.92	21.90	21.91
1.4	QPSK	3	1	21.73	21.81	21.72
1.4	QPSK	3	3	21.52	21.67	21.63
1.4	QPSK	6	0	21.81	21.85	21.77
1.4	16QAM	1	0	21.80	21.61	21.79
1.4	16QAM	1	3	21.75	21.93	21.59
1.4	16QAM	1	5	21.47	21.55	21.71
1.4	16QAM	3	0	20.95	20.75	20.58
1.4	16QAM	3	1	20.72	20.88	20.81
1.4	16QAM	3	3	20.82	20.53	20.80
1.4	16QAM	6	0	20.58	20.58	20.75
1.4	64QAM	1	0	21.74	21.74	21.71
1.4	64QAM	1	3	21.60	21.79	21.48
1.4	64QAM	1	5	21.59	21.59	21.43
1.4	64QAM	3	0	20.66	20.93	20.81
1.4	64QAM	3	1	20.57	20.59	20.61
1.4	64QAM	3	3	20.62	20.52	20.78
1.4	64QAM	6	0	20.78	20.52	20.36



LTE Band 5						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20450	20525	20600
Frequency (MHz)				829	836.5	844
10	QPSK	1	0	22.81	22.88	22.57
10	QPSK	1	25	22.72	22.69	22.70
10	QPSK	1	49	22.73	22.83	22.53
10	QPSK	25	0	21.80	21.89	21.57
10	QPSK	25	12	21.62	21.54	21.57
10	QPSK	25	25	21.75	21.78	21.60
10	QPSK	50	0	21.65	21.58	21.81
10	16QAM	1	0	21.63	21.66	21.81
10	16QAM	1	25	21.52	21.72	21.65
10	16QAM	1	49	21.61	21.83	21.77
10	16QAM	25	0	20.68	20.73	20.79
10	16QAM	25	12	20.72	20.62	20.50
10	16QAM	25	25	20.68	20.78	20.91
10	16QAM	50	0	20.61	20.68	20.73
10	64QAM	1	0	21.77	21.73	21.63
10	64QAM	1	25	21.59	21.77	21.56
10	64QAM	1	49	21.71	21.70	21.45
10	64QAM	25	0	20.84	20.71	20.81
10	64QAM	25	12	20.70	20.56	20.83
10	64QAM	25	25	20.52	20.71	20.57
10	64QAM	50	0	20.47	20.65	20.70



LTE Band 5						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20425	20525	20625
Frequency (MHz)				826.5	836.5	846.5
5	QPSK	1	0	22.72	22.74	22.71
5	QPSK	1	12	22.84	22.71	22.79
5	QPSK	1	24	22.53	22.51	22.76
5	QPSK	12	0	21.64	21.88	21.54
5	QPSK	12	7	21.59	21.63	21.48
5	QPSK	12	13	21.64	21.54	21.83
5	QPSK	25	0	21.80	21.80	21.62
5	16QAM	1	0	21.86	21.74	21.90
5	16QAM	1	12	21.77	21.66	21.79
5	16QAM	1	24	21.49	21.70	21.65
5	16QAM	12	0	20.58	20.79	20.73
5	16QAM	12	7	20.54	20.68	20.61
5	16QAM	12	13	20.64	20.58	20.60
5	16QAM	25	0	20.58	20.82	20.55
5	64QAM	1	0	21.50	21.54	21.77
5	64QAM	1	12	21.52	21.75	21.43
5	64QAM	1	24	21.48	21.39	21.53
5	64QAM	12	0	20.84	20.69	20.61
5	64QAM	12	7	20.77	20.54	20.63
5	64QAM	12	13	20.58	20.56	20.45
5	64QAM	25	0	20.56	20.52	20.48



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				20415	20525	20635
Frequency (MHz)				825.5	836.5	847.5
3	QPSK	1	0	22.66	22.83	22.76
3	QPSK	1	8	22.56	22.52	22.63
3	QPSK	1	14	22.67	22.83	22.56
3	QPSK	8	0	21.73	21.71	21.51
3	QPSK	8	4	21.56	21.54	21.62
3	QPSK	8	7	21.71	21.64	21.77
3	QPSK	15	0	21.83	21.58	21.60
3	16QAM	1	0	21.95	21.92	21.88
3	16QAM	1	8	21.63	21.86	21.89
3	16QAM	1	14	21.61	21.79	21.74
3	16QAM	8	0	20.92	20.96	20.82
3	16QAM	8	4	20.69	20.90	20.86
3	16QAM	8	7	20.82	20.50	20.90
3	16QAM	15	0	20.60	20.70	20.81
3	64QAM	1	0	21.59	21.61	21.48
3	64QAM	1	8	21.50	21.77	21.50
3	64QAM	1	14	21.69	21.71	21.68
3	64QAM	8	0	20.58	20.83	20.71
3	64QAM	8	4	20.62	20.67	20.63
3	64QAM	8	7	20.63	20.61	20.72
3	64QAM	15	0	20.56	20.62	20.73



LTE Band 5						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20407	20525	20643
Frequency (MHz)				824.7	836.5	848.3
1.4	QPSK	1	0	22.53	22.85	22.57
1.4	QPSK	1	3	22.52	22.42	22.52
1.4	QPSK	1	5	22.84	22.71	22.61
1.4	QPSK	3	0	21.71	21.66	21.72
1.4	QPSK	3	1	21.65	21.80	21.57
1.4	QPSK	3	3	21.57	21.54	21.76
1.4	QPSK	6	0	21.72	21.56	21.51
1.4	16QAM	1	0	21.88	21.88	21.63
1.4	16QAM	1	3	21.81	21.87	21.53
1.4	16QAM	1	5	21.65	21.80	21.47
1.4	16QAM	3	0	20.67	20.67	20.60
1.4	16QAM	3	1	20.92	20.60	20.78
1.4	16QAM	3	3	20.65	20.55	20.58
1.4	16QAM	6	0	20.64	20.68	20.79
1.4	64QAM	1	0	21.51	21.82	21.76
1.4	64QAM	1	3	21.46	21.74	21.48
1.4	64QAM	1	5	21.67	21.46	21.49
1.4	64QAM	3	0	20.77	20.77	20.63
1.4	64QAM	3	1	20.55	20.78	20.51
1.4	64QAM	3	3	20.63	20.73	20.74
1.4	64QAM	6	0	20.58	20.58	20.67



LTE Band 7						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20850	21100	21350
Frequency (MHz)				2510	2535	2560
20	QPSK	1	0	22.61	22.69	22.65
20	QPSK	1	49	22.62	22.65	22.60
20	QPSK	1	99	22.55	22.53	22.49
20	QPSK	50	0	21.80	21.89	21.57
20	QPSK	50	24	21.62	21.54	21.57
20	QPSK	50	50	21.75	21.78	21.60
20	QPSK	100	0	21.65	21.58	21.81
20	16QAM	1	0	21.63	21.66	21.81
20	16QAM	1	49	21.52	21.72	21.65
20	16QAM	1	99	21.61	21.83	21.77
20	16QAM	50	0	20.68	20.73	20.79
20	16QAM	50	24	20.72	20.62	20.50
20	16QAM	50	50	20.68	20.78	20.91
20	16QAM	100	0	20.61	20.68	20.73
20	64QAM	1	0	21.77	21.73	21.63
20	64QAM	1	49	21.59	21.77	21.56
20	64QAM	1	99	21.71	21.70	21.45
20	64QAM	50	0	20.84	20.71	20.81
20	64QAM	50	24	20.70	20.56	20.83
20	64QAM	50	50	20.52	20.71	20.57
20	64QAM	100	0	20.47	20.65	20.70



LTE Band 7						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20825	21100	21375
Frequency (MHz)				2507.5	2535	2562.5
15	QPSK	1	0	22.49	22.65	22.57
15	QPSK	1	37	22.53	22.48	22.55
15	QPSK	1	74	22.60	22.56	22.52
15	QPSK	36	0	21.68	21.50	21.77
15	QPSK	36	20	21.39	21.39	21.41
15	QPSK	36	39	21.66	21.76	21.72
15	QPSK	75	0	21.73	21.65	21.74
15	16QAM	1	0	21.57	21.80	21.58
15	16QAM	1	37	21.53	21.77	21.76
15	16QAM	1	74	21.44	21.68	21.62
15	16QAM	36	0	20.87	20.90	20.71
15	16QAM	36	20	20.57	20.64	20.56
15	16QAM	36	39	20.56	20.62	20.68
15	16QAM	75	0	20.49	20.62	20.43
15	64QAM	1	0	21.65	21.67	21.47
15	64QAM	1	37	21.36	21.70	21.40
15	64QAM	1	74	21.34	21.25	21.63
15	64QAM	36	0	20.68	20.47	20.78
15	64QAM	36	20	20.35	20.38	20.48
15	64QAM	36	39	20.44	20.39	20.56
15	64QAM	75	0	20.51	20.65	20.37



LTE Band 7						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20800	21100	21400
Frequency (MHz)				2505	2535	2565
10	QPSK	1	0	22.58	22.61	22.53
10	QPSK	1	25	22.50	22.31	22.55
10	QPSK	1	49	22.43	22.58	22.49
10	QPSK	25	0	21.55	21.77	21.69
10	QPSK	25	12	21.75	21.72	21.56
10	QPSK	25	25	21.74	21.75	21.67
10	QPSK	50	0	21.65	21.63	21.37
10	16QAM	1	0	21.63	21.64	21.83
10	16QAM	1	25	21.54	21.53	21.58
10	16QAM	1	49	21.51	21.70	21.52
10	16QAM	25	0	20.65	20.63	20.67
10	16QAM	25	12	20.80	20.52	20.46
10	16QAM	25	25	20.73	20.63	20.50
10	16QAM	50	0	20.46	20.48	20.64
10	64QAM	1	0	21.59	21.61	21.59
10	64QAM	1	25	21.28	21.60	21.37
10	64QAM	1	49	21.51	21.31	21.36
10	64QAM	25	0	20.77	20.79	20.73
10	64QAM	25	12	20.40	20.43	20.78
10	64QAM	25	25	20.25	20.49	20.55
10	64QAM	50	0	20.58	20.60	20.63



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	22.58	22.64	22.65
5	QPSK	1	12	22.46	22.57	22.59
5	QPSK	1	24	22.63	22.59	22.51
5	QPSK	12	0	21.83	21.43	21.44
5	QPSK	12	7	21.52	21.53	21.66
5	QPSK	12	13	21.46	21.62	21.64
5	QPSK	25	0	21.50	21.51	21.74
5	16QAM	1	0	21.54	21.73	21.68
5	16QAM	1	12	21.79	21.58	21.79
5	16QAM	1	24	21.57	21.54	21.43
5	16QAM	12	0	20.77	20.73	20.67
5	16QAM	12	7	20.49	20.63	20.53
5	16QAM	12	13	20.66	20.42	20.78
5	16QAM	25	0	20.50	20.62	20.46
5	64QAM	1	0	21.68	21.73	21.68
5	64QAM	1	12	21.62	21.55	21.59
5	64QAM	1	24	21.43	21.38	21.64
5	64QAM	12	0	20.57	20.51	20.50
5	64QAM	12	7	20.64	20.64	20.45
5	64QAM	12	13	20.41	20.33	20.59
5	64QAM	25	0	20.67	20.52	20.40



LTE Band 12						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23060	23095	23130
Frequency (MHz)				704	707.5	711
10	QPSK	1	0	22.46	22.73	22.55
10	QPSK	1	25	22.56	22.69	22.58
10	QPSK	1	49	22.51	22.46	22.65
10	QPSK	25	0	21.56	21.70	21.58
10	QPSK	25	12	21.55	21.70	21.38
10	QPSK	25	25	21.55	21.51	21.50
10	QPSK	50	0	21.43	21.53	21.46
10	16QAM	1	0	21.61	21.77	21.54
10	16QAM	1	25	21.48	21.46	21.82
10	16QAM	1	49	21.41	21.41	21.34
10	16QAM	25	0	20.73	20.92	20.62
10	16QAM	25	12	20.46	20.84	20.77
10	16QAM	25	25	20.63	20.45	20.66
10	16QAM	50	0	20.74	20.60	20.57
10	64QAM	1	0	21.61	21.48	21.47
10	64QAM	1	25	21.45	21.66	21.56
10	64QAM	1	49	21.46	21.56	21.40
10	64QAM	25	0	20.51	20.53	20.42
10	64QAM	25	12	20.34	20.50	20.49
10	64QAM	25	25	20.58	20.36	20.39
10	64QAM	50	0	20.65	20.38	20.64



LTE Band 12						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23035	23095	23155
Frequency (MHz)				701.5	707.5	713.5
5	QPSK	1	0	22.56	22.59	22.52
5	QPSK	1	12	22.55	22.51	22.57
5	QPSK	1	24	22.50	22.56	22.47
5	QPSK	12	0	21.51	21.71	21.46
5	QPSK	12	7	21.65	21.59	21.43
5	QPSK	12	13	21.70	21.47	21.74
5	QPSK	25	0	21.71	21.75	21.49
5	16QAM	1	0	21.60	21.70	21.86
5	16QAM	1	12	21.66	21.65	21.68
5	16QAM	1	24	21.57	21.60	21.67
5	16QAM	12	0	20.61	20.62	20.73
5	16QAM	12	7	20.55	20.60	20.64
5	16QAM	12	13	20.36	20.42	20.58
5	16QAM	25	0	20.57	20.43	20.46
5	64QAM	1	0	21.62	21.51	21.77
5	64QAM	1	12	21.49	21.35	21.42
5	64QAM	1	24	21.35	21.45	21.56
5	64QAM	12	0	20.67	20.72	20.49
5	64QAM	12	7	20.58	20.66	20.66
5	64QAM	12	13	20.46	20.30	20.60
5	64QAM	25	0	20.60	20.65	20.39



LTE Band 12						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23025	23095	23165
Frequency (MHz)				700.5	707.5	714.5
3	QPSK	1	0	22.57	22.61	22.47
3	QPSK	1	8	22.51	22.36	22.58
3	QPSK	1	14	22.53	22.52	22.53
3	QPSK	8	0	21.79	21.59	21.56
3	QPSK	8	4	21.49	21.42	21.38
3	QPSK	8	7	21.47	21.68	21.77
3	QPSK	15	0	21.48	21.59	21.57
3	16QAM	1	0	21.48	21.82	21.75
3	16QAM	1	8	21.43	21.84	21.62
3	16QAM	1	14	21.68	21.58	21.58
3	16QAM	8	0	20.82	20.87	20.53
3	16QAM	8	4	20.42	20.59	20.48
3	16QAM	8	7	20.68	20.59	20.53
3	16QAM	15	0	20.78	20.78	20.63
3	64QAM	1	0	21.73	21.71	21.53
3	64QAM	1	8	21.51	21.58	21.49
3	64QAM	1	14	21.51	21.44	21.36
3	64QAM	8	0	20.75	20.83	20.67
3	64QAM	8	4	20.67	20.55	20.62
3	64QAM	8	7	20.45	20.52	20.65
3	64QAM	15	0	20.56	20.68	20.42



LTE Band 12						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23017	23095	23173
Frequency (MHz)				699.7	707.5	715.3
1.4	QPSK	1	0	22.54	22.57	22.54
1.4	QPSK	1	3	22.51	22.55	22.46
1.4	QPSK	1	5	22.54	22.49	22.51
1.4	QPSK	3	0	21.51	21.58	21.69
1.4	QPSK	3	1	21.45	21.78	21.30
1.4	QPSK	3	3	21.69	21.48	21.52
1.4	QPSK	6	0	21.46	21.63	21.50
1.4	16QAM	1	0	21.64	21.53	21.82
1.4	16QAM	1	3	21.46	21.78	21.59
1.4	16QAM	1	5	21.40	21.64	21.68
1.4	16QAM	3	0	20.81	20.85	20.46
1.4	16QAM	3	1	20.68	20.83	20.66
1.4	16QAM	3	3	20.67	20.61	20.80
1.4	16QAM	6	0	20.74	20.62	20.52
1.4	64QAM	1	0	21.37	21.73	21.53
1.4	64QAM	1	3	21.56	21.68	21.62
1.4	64QAM	1	5	21.57	21.43	21.27
1.4	64QAM	3	0	20.54	20.52	20.63
1.4	64QAM	3	1	20.51	20.51	20.53
1.4	64QAM	3	3	20.58	20.52	20.63
1.4	64QAM	6	0	20.64	20.35	20.57



LTE Band 13						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				/	23230	/
Frequency (MHz)				/	782	/
10	QPSK	1	0	/	22.72	/
10	QPSK	1	25	/	22.57	/
10	QPSK	1	49	/	22.53	/
10	QPSK	25	0	/	21.55	/
10	QPSK	25	12	/	21.53	/
10	QPSK	25	25	/	21.75	/
10	QPSK	50	0	/	21.55	/
10	16QAM	1	0	/	21.51	/
10	16QAM	1	25	/	21.62	/
10	16QAM	1	49	/	21.74	/
10	16QAM	25	0	/	20.70	/
10	16QAM	25	12	/	20.69	/
10	16QAM	25	25	/	20.49	/
10	16QAM	50	0	/	20.64	/
10	64QAM	1	0	/	21.55	/
10	64QAM	1	25	/	21.70	/
10	64QAM	1	49	/	21.40	/
10	64QAM	25	0	/	20.83	/
10	64QAM	25	12	/	20.40	/
10	64QAM	25	25	/	20.57	/
10	64QAM	50	0	/	20.36	/



LTE Band 13						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23205	23230	23255
Frequency (MHz)				779.5	782	784.5
5	QPSK	1	0	22.59	22.69	22.66
5	QPSK	1	12	22.47	22.66	22.58
5	QPSK	1	24	22.51	22.62	22.55
5	QPSK	12	0	21.72	21.66	21.49
5	QPSK	12	7	21.74	21.59	21.38
5	QPSK	12	13	21.51	21.84	21.50
5	QPSK	25	0	21.76	21.43	21.67
5	16QAM	1	0	21.49	21.59	21.80
5	16QAM	1	12	21.71	21.64	21.58
5	16QAM	1	24	21.40	21.63	21.40
5	16QAM	12	0	20.49	20.70	20.51
5	16QAM	12	7	20.61	20.70	20.53
5	16QAM	12	13	20.59	20.46	20.78
5	16QAM	25	0	20.51	20.42	20.42
5	64QAM	1	0	21.47	21.60	21.74
5	64QAM	1	12	21.38	21.66	21.44
5	64QAM	1	24	21.65	21.31	21.31
5	64QAM	12	0	20.52	20.59	20.78
5	64QAM	12	7	20.30	20.66	20.55
5	64QAM	12	13	20.37	20.52	20.36
5	64QAM	25	0	20.47	20.52	20.46



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				23780	23790	23800
Frequency (MHz)				709	710	711
10	QPSK	1	0	22.69	22.70	22.65
10	QPSK	1	25	22.63	22.55	22.68
10	QPSK	1	49	22.64	22.68	22.63
10	QPSK	25	0	21.77	21.81	21.69
10	QPSK	25	12	21.56	21.70	21.48
10	QPSK	25	25	21.69	21.84	21.80
10	QPSK	50	0	21.53	21.65	21.48
10	16QAM	1	0	21.75	21.65	21.77
10	16QAM	1	25	21.67	21.60	21.79
10	16QAM	1	49	21.48	21.41	21.70
10	16QAM	25	0	20.77	20.90	20.56
10	16QAM	25	12	20.65	20.84	20.53
10	16QAM	25	25	20.64	20.58	20.82
10	16QAM	50	0	20.74	20.46	20.55
10	64QAM	1	0	21.54	21.57	21.66
10	64QAM	1	25	21.49	21.49	21.37
10	64QAM	1	49	21.26	21.41	21.41
10	64QAM	25	0	20.78	20.65	20.49
10	64QAM	25	12	20.45	20.47	20.50
10	64QAM	25	25	20.38	20.50	20.66
10	64QAM	50	0	20.36	20.42	20.34



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	22.42	22.68	22.61
5	QPSK	1	12	22.53	22.43	22.63
5	QPSK	1	24	22.38	22.51	22.60
5	QPSK	12	0	21.66	21.53	21.75
5	QPSK	12	7	21.58	21.57	21.34
5	QPSK	12	13	21.56	21.44	21.77
5	QPSK	25	0	21.40	21.39	21.53
5	16QAM	1	0	21.70	21.63	21.77
5	16QAM	1	12	21.59	21.82	21.63
5	16QAM	1	24	21.60	21.77	21.47
5	16QAM	12	0	20.60	20.86	20.82
5	16QAM	12	7	20.68	20.52	20.63
5	16QAM	12	13	20.54	20.66	20.67
5	16QAM	25	0	20.70	20.62	20.52
5	64QAM	1	0	21.57	21.36	21.39
5	64QAM	1	12	21.50	21.63	21.65
5	64QAM	1	24	21.31	21.38	21.46
5	64QAM	12	0	20.47	20.75	20.44
5	64QAM	12	7	20.35	20.69	20.58
5	64QAM	12	13	20.54	20.52	20.34
5	64QAM	25	0	20.49	20.38	20.30



LTE Band 25						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26140	26365	26590
Frequency (MHz)				1860	1882.5	1905
20	QPSK	1	0	22.86	22.93	22.88
20	QPSK	1	49	22.81	22.47	22.81
20	QPSK	1	99	22.66	22.61	22.65
20	QPSK	50	0	21.72	21.93	21.63
20	QPSK	50	24	21.54	21.65	21.54
20	QPSK	50	50	21.88	21.77	21.84
20	QPSK	100	0	21.55	21.70	21.59
20	16QAM	1	0	21.84	21.98	21.96
20	16QAM	1	49	21.84	21.75	21.76
20	16QAM	1	99	21.73	21.69	21.73
20	16QAM	50	0	20.77	20.71	20.72
20	16QAM	50	24	20.57	20.89	20.73
20	16QAM	50	50	20.75	20.87	20.89
20	16QAM	100	0	20.87	20.65	20.74
20	64QAM	1	0	21.81	21.57	21.65
20	64QAM	1	49	21.50	21.50	21.69
20	64QAM	1	99	21.41	21.43	21.38
20	64QAM	50	0	20.81	20.85	20.63
20	64QAM	50	24	20.67	20.51	20.87
20	64QAM	50	50	20.45	20.41	20.68
20	64QAM	100	0	20.56	20.41	20.42



LTE Band 25						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26115	26365	26615
Frequency (MHz)				1857.5	1882.5	1907.5
15	QPSK	1	0	22.60	22.82	22.79
15	QPSK	1	37	22.59	22.54	22.54
15	QPSK	1	74	22.72	22.82	22.80
15	QPSK	36	0	21.61	21.66	21.68
15	QPSK	36	20	21.59	21.72	21.53
15	QPSK	36	39	21.64	21.68	21.73
15	QPSK	75	0	21.56	21.63	21.47
15	16QAM	1	0	21.67	21.81	21.95
15	16QAM	1	37	21.83	21.70	21.88
15	16QAM	1	74	21.46	21.67	21.55
15	16QAM	36	0	20.95	20.77	20.84
15	16QAM	36	20	20.71	20.89	20.52
15	16QAM	36	39	20.51	20.74	20.77
15	16QAM	75	0	20.61	20.79	20.48
15	64QAM	1	0	21.74	21.77	21.52
15	64QAM	1	37	21.60	21.52	21.57
15	64QAM	1	74	21.47	21.51	21.67
15	64QAM	36	0	20.70	20.77	20.53
15	64QAM	36	20	20.68	20.69	20.69
15	64QAM	36	39	20.62	20.55	20.50
15	64QAM	75	0	20.55	20.53	20.76



LTE Band 25						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26090	26365	26640
Frequency (MHz)				1855	1882.5	1910
10	QPSK	1	0	22.77	22.83	22.65
10	QPSK	1	25	22.60	22.65	22.69
10	QPSK	1	49	22.74	22.52	22.82
10	QPSK	25	0	21.94	21.82	21.77
10	QPSK	25	12	21.58	21.57	21.74
10	QPSK	25	25	21.85	21.79	21.75
10	QPSK	50	0	21.60	21.79	21.79
10	16QAM	1	0	21.70	21.70	21.93
10	16QAM	1	25	21.80	21.61	21.83
10	16QAM	1	49	21.66	21.52	21.74
10	16QAM	25	0	20.97	20.83	20.68
10	16QAM	25	12	20.83	20.80	20.52
10	16QAM	25	25	20.52	20.79	20.80
10	16QAM	50	0	20.84	20.57	20.71
10	64QAM	1	0	21.50	21.72	21.75
10	64QAM	1	25	21.64	21.50	21.42
10	64QAM	1	49	21.45	21.33	21.56
10	64QAM	25	0	20.61	20.86	20.65
10	64QAM	25	12	20.50	20.53	20.60
10	64QAM	25	25	20.48	20.56	20.70
10	64QAM	50	0	20.85	20.46	20.70



LTE Band 25						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26065	26365	26665
Frequency (MHz)				1852.5	1882.5	1912.5
5	QPSK	1	0	22.69	22.85	22.83
5	QPSK	1	12	22.77	22.49	22.52
5	QPSK	1	24	22.55	22.56	22.83
5	QPSK	12	0	21.95	21.71	21.80
5	QPSK	12	7	21.58	21.54	21.52
5	QPSK	12	13	21.57	21.84	21.87
5	QPSK	25	0	21.48	21.80	21.62
5	16QAM	1	0	21.64	21.96	21.75
5	16QAM	1	12	21.57	21.81	21.71
5	16QAM	1	24	21.78	21.88	21.65
5	16QAM	12	0	20.58	20.82	20.87
5	16QAM	12	7	20.86	20.70	20.56
5	16QAM	12	13	20.72	20.51	20.71
5	16QAM	25	0	20.54	20.77	20.85
5	64QAM	1	0	21.48	21.59	21.61
5	64QAM	1	12	21.40	21.75	21.58
5	64QAM	1	24	21.64	21.45	21.58
5	64QAM	12	0	20.64	20.58	20.54
5	64QAM	12	7	20.77	20.58	20.90
5	64QAM	12	13	20.69	20.51	20.74
5	64QAM	25	0	20.54	20.51	20.56



LTE Band 25						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26055	26365	26675
Frequency (MHz)				1851.5	1882.5	1913.5
3	QPSK	1	0	22.77	22.90	22.79
3	QPSK	1	8	22.61	22.57	22.67
3	QPSK	1	14	22.71	22.70	22.77
3	QPSK	8	0	21.70	21.79	21.54
3	QPSK	8	4	21.67	21.49	21.54
3	QPSK	8	7	21.86	21.75	21.75
3	QPSK	15	0	21.70	21.66	21.51
3	16QAM	1	0	21.60	21.91	21.58
3	16QAM	1	8	21.73	21.56	21.88
3	16QAM	1	14	21.74	21.73	21.59
3	16QAM	8	0	20.81	20.73	20.70
3	16QAM	8	4	20.58	20.89	20.72
3	16QAM	8	7	20.64	20.70	20.69
3	16QAM	15	0	20.67	20.80	20.52
3	64QAM	1	0	21.81	21.46	21.75
3	64QAM	1	8	21.62	21.42	21.79
3	64QAM	1	14	21.56	21.62	21.70
3	64QAM	8	0	20.67	20.68	20.69
3	64QAM	8	4	20.67	20.75	20.53
3	64QAM	8	7	20.64	20.39	20.56
3	64QAM	15	0	20.81	20.52	20.40



LTE Band 25						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26047	26365	26683
Frequency (MHz)				1850.7	1882.5	1914.3
1.4	QPSK	1	0	22.77	22.87	22.73
1.4	QPSK	1	3	22.83	22.79	22.72
1.4	QPSK	1	5	22.74	22.82	22.60
1.4	QPSK	3	0	21.77	21.93	21.91
1.4	QPSK	3	1	21.85	21.68	21.56
1.4	QPSK	3	3	21.56	21.58	21.57
1.4	QPSK	6	0	21.77	21.76	21.52
1.4	16QAM	1	0	21.90	21.98	21.80
1.4	16QAM	1	3	21.49	21.78	21.63
1.4	16QAM	1	5	21.79	21.60	21.68
1.4	16QAM	3	0	20.94	20.75	20.64
1.4	16QAM	3	1	20.68	20.61	20.77
1.4	16QAM	3	3	20.53	20.60	20.85
1.4	16QAM	6	0	20.82	20.92	20.48
1.4	64QAM	1	0	21.56	21.74	21.50
1.4	64QAM	1	3	21.38	21.50	21.71
1.4	64QAM	1	5	21.37	21.63	21.60
1.4	64QAM	3	0	20.82	20.76	20.87
1.4	64QAM	3	1	20.78	20.71	20.60
1.4	64QAM	3	3	20.59	20.51	20.56
1.4	64QAM	6	0	20.49	20.56	20.39



LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26865	26915	26965
Frequency (MHz)				831.5	836.5	841.5
15	QPSK	1	0	22.86	23.36	22.73
15	QPSK	1	37	22.53	23.37	22.55
15	QPSK	1	74	22.52	23.26	22.54
15	QPSK	36	0	21.78	22.74	21.90
15	QPSK	36	20	21.69	22.83	21.77
15	QPSK	36	39	21.72	22.75	21.87
15	QPSK	75	0	21.77	22.73	21.49
15	16QAM	1	0	21.62	22.44	21.72
15	16QAM	1	37	21.86	22.46	21.71
15	16QAM	1	74	21.82	22.51	21.80
15	16QAM	36	0	20.99	22.79	20.62
15	16QAM	36	20	20.83	22.72	20.73
15	16QAM	36	39	20.64	22.87	20.82
15	16QAM	75	0	20.75	22.42	20.61
15	64QAM	1	0	21.53	22.24	21.80
15	64QAM	1	37	21.62	22.10	21.56
15	64QAM	1	74	21.57	22.03	21.47
15	64QAM	36	0	20.81	22.27	20.82
15	64QAM	36	20	20.82	21.90	20.79
15	64QAM	36	39	20.69	22.33	20.72
15	64QAM	75	0	20.55	22.28	20.59



LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26840	26915	26990
Frequency (MHz)				829.0	836.5	844.0
10	QPSK	1	0	23.36	23.38	22.69
10	QPSK	1	25	23.37	23.29	22.62
10	QPSK	1	49	23.26	23.30	22.67
10	QPSK	25	0	22.74	22.68	21.70
10	QPSK	25	12	22.83	22.82	21.62
10	QPSK	25	25	22.75	22.78	21.84
10	QPSK	50	0	22.73	22.72	21.50
10	16QAM	1	0	22.44	22.47	21.95
10	16QAM	1	25	22.46	22.53	21.87
10	16QAM	1	49	22.51	22.53	21.54
10	16QAM	25	0	22.79	22.81	20.65
10	16QAM	25	12	22.72	22.73	20.85
10	16QAM	25	25	22.87	22.82	20.61
10	16QAM	50	0	22.42	22.42	20.52
10	64QAM	1	0	22.24	22.18	21.61
10	64QAM	1	25	22.10	22.12	21.70
10	64QAM	1	49	22.03	22.07	21.49
10	64QAM	25	0	22.27	22.29	20.66
10	64QAM	25	12	21.90	21.90	20.82
10	64QAM	25	25	22.33	22.32	20.78
10	64QAM	50	0	22.28	22.29	20.67



LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26815	26915	27015
Frequency (MHz)				826.5	836.5	846.5
5	QPSK	1	0	23.36	23.38	22.65
5	QPSK	1	12	23.37	23.29	22.55
5	QPSK	1	24	23.26	23.30	22.69
5	QPSK	12	0	22.74	22.68	21.75
5	QPSK	12	7	22.83	22.82	21.61
5	QPSK	12	13	22.75	22.78	21.52
5	QPSK	25	0	22.73	22.72	21.85
5	16QAM	1	0	22.44	22.47	21.83
5	16QAM	1	12	22.46	22.53	21.55
5	16QAM	1	24	22.51	22.53	21.43
5	16QAM	12	0	22.79	22.81	20.76
5	16QAM	12	7	22.72	22.73	20.65
5	16QAM	12	13	22.87	22.82	20.80
5	16QAM	25	0	22.42	22.42	20.53
5	64QAM	1	0	22.24	22.18	21.85
5	64QAM	1	12	22.10	22.12	21.65
5	64QAM	1	24	22.03	22.07	21.60
5	64QAM	12	0	22.27	22.29	20.62
5	64QAM	12	7	21.90	21.90	20.53
5	64QAM	12	13	22.33	22.32	20.72
5	64QAM	25	0	22.28	22.29	20.46



LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26805	26915	27025
Frequency (MHz)				825.5	836.5	847.5
3	QPSK	1	0	23.36	23.38	22.64
3	QPSK	1	8	23.37	23.29	22.62
3	QPSK	1	14	23.26	23.30	22.51
3	QPSK	8	0	22.74	22.68	21.70
3	QPSK	8	4	22.83	22.82	21.69
3	QPSK	8	7	22.75	22.78	21.62
3	QPSK	15	0	22.73	22.72	21.53
3	16QAM	1	0	22.44	22.47	21.92
3	16QAM	1	8	22.46	22.53	21.54
3	16QAM	1	14	22.51	22.53	21.75
3	16QAM	8	0	22.79	22.81	20.79
3	16QAM	8	4	22.72	22.73	20.86
3	16QAM	8	7	22.87	22.82	20.87
3	16QAM	15	0	22.42	22.42	20.70
3	64QAM	1	0	22.24	22.18	21.64
3	64QAM	1	8	22.10	22.12	21.59
3	64QAM	1	14	22.03	22.07	21.59
3	64QAM	8	0	22.27	22.29	20.56
3	64QAM	8	4	21.90	21.90	20.51
3	64QAM	8	7	22.33	22.32	20.47
3	64QAM	15	0	22.28	22.29	20.67



LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26797	26915	27033
Frequency (MHz)				824.7	836.5	848.3
1.4	QPSK	1	0	23.36	23.38	22.68
1.4	QPSK	1	3	23.37	23.29	22.53
1.4	QPSK	1	5	23.26	23.30	22.68
1.4	QPSK	3	0	22.74	22.68	21.63
1.4	QPSK	3	1	22.83	22.82	21.52
1.4	QPSK	3	3	22.75	22.78	21.85
1.4	QPSK	6	0	22.73	22.72	21.66
1.4	16QAM	1	0	22.44	22.47	21.63
1.4	16QAM	1	3	22.46	22.53	21.76
1.4	16QAM	1	5	22.51	22.53	21.46
1.4	16QAM	3	0	22.79	22.81	20.81
1.4	16QAM	3	1	22.72	22.73	20.78
1.4	16QAM	3	3	22.87	22.82	20.79
1.4	16QAM	6	0	22.42	22.42	20.62
1.4	64QAM	1	0	22.24	22.18	21.87
1.4	64QAM	1	3	22.10	22.12	21.69
1.4	64QAM	1	5	22.03	22.07	21.73
1.4	64QAM	3	0	22.27	22.29	20.87
1.4	64QAM	3	1	21.90	21.90	20.84
1.4	64QAM	3	3	22.33	22.32	20.51
1.4	64QAM	6	0	22.28	22.29	20.67



LTE Band 30						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				/	27710	/
Frequency (MHz)				/	2310	/
10	QPSK	1	0	/	19.82	/
10	QPSK	1	25	/	19.72	/
10	QPSK	1	49	/	19.65	/
10	QPSK	25	0	/	18.98	/
10	QPSK	25	12	/	18.93	/
10	QPSK	25	25	/	18.87	/
10	QPSK	50	0	/	18.90	/
10	16QAM	1	0	/	18.99	/
10	16QAM	1	25	/	18.92	/
10	16QAM	1	49	/	18.85	/
10	16QAM	25	0	/	18.12	/
10	16QAM	25	12	/	18.03	/
10	16QAM	25	25	/	18.05	/
10	16QAM	50	0	/	18.01	/
10	64QAM	1	0	/	18.93	/
10	64QAM	1	25	/	18.83	/
10	64QAM	1	49	/	18.84	/
10	64QAM	25	0	/	18.08	/
10	64QAM	25	12	/	17.99	/
10	64QAM	25	25	/	18.02	/
10	64QAM	50	0	/	17.95	/



LTE Band 30						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				27685	27710	27735
Frequency (MHz)				2307.5	2310	2312.5
5	QPSK	1	0	19.60	19.75	19.72
5	QPSK	1	12	19.74	19.68	19.68
5	QPSK	1	24	19.65	19.71	19.66
5	QPSK	12	0	18.95	18.77	18.72
5	QPSK	12	7	18.48	18.88	18.70
5	QPSK	12	13	18.52	18.76	18.68
5	QPSK	25	0	18.87	18.65	18.79
5	16QAM	1	0	18.71	18.75	18.81
5	16QAM	1	12	18.77	18.61	18.57
5	16QAM	1	24	18.72	18.59	18.78
5	16QAM	12	0	17.59	17.75	17.77
5	16QAM	12	7	17.68	17.57	17.69
5	16QAM	12	13	17.67	17.71	17.56
5	16QAM	25	0	17.54	17.57	17.61
5	64QAM	1	0	18.61	18.75	18.77
5	64QAM	1	12	18.68	18.59	18.59
5	64QAM	1	24	18.53	18.54	18.67
5	64QAM	12	0	17.58	17.76	17.77
5	64QAM	12	7	17.49	17.73	17.88
5	64QAM	12	13	17.53	17.55	17.78
5	64QAM	25	0	17.45	17.64	17.70



LTE Band 38						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				37850	38000	38150
Frequency (MHz)				2580	2595	2610
20	QPSK	1	0	22.09	22.21	22.15
20	QPSK	1	49	22.13	22.02	22.12
20	QPSK	1	99	22.03	22.15	22.18
20	QPSK	50	0	21.29	21.08	21.11
20	QPSK	50	24	21.00	21.28	21.01
20	QPSK	50	50	21.17	21.04	20.99
20	QPSK	100	0	21.11	21.08	20.93
20	16QAM	1	0	21.29	21.34	21.34
20	16QAM	1	49	21.07	21.07	21.26
20	16QAM	1	99	21.19	20.93	20.98
20	16QAM	50	0	20.29	20.09	20.19
20	16QAM	50	24	19.97	20.36	20.14
20	16QAM	50	50	20.15	20.10	19.94
20	16QAM	100	0	20.09	19.99	20.04
20	64QAM	1	0	21.10	20.99	21.05
20	64QAM	1	49	20.93	21.04	21.20
20	64QAM	1	99	21.08	20.91	21.13
20	64QAM	50	0	19.90	20.04	20.23
20	64QAM	50	24	19.88	20.06	20.26
20	64QAM	50	50	20.07	20.02	19.86
20	64QAM	100	0	19.90	20.01	19.86



LTE Band 38						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				37825	38000	38175
Frequency (MHz)				2577.5	2595	2612.5
15	QPSK	1	0	22.00	22.18	22.11
15	QPSK	1	37	22.13	22.02	22.15
15	QPSK	1	74	22.04	22.16	22.08
15	QPSK	36	0	21.34	20.99	21.23
15	QPSK	36	20	20.97	21.21	20.92
15	QPSK	36	39	21.03	21.32	21.01
15	QPSK	75	0	21.02	21.05	20.90
15	16QAM	1	0	21.27	21.30	21.29
15	16QAM	1	37	21.22	21.20	21.30
15	16QAM	1	74	20.97	20.96	20.90
15	16QAM	36	0	20.08	20.41	19.99
15	16QAM	36	20	20.22	19.98	20.24
15	16QAM	36	39	19.96	19.92	20.15
15	16QAM	75	0	20.12	20.03	20.08
15	64QAM	1	0	20.98	20.97	21.27
15	64QAM	1	37	20.83	20.94	21.06
15	64QAM	1	74	21.08	20.87	20.83
15	64QAM	36	0	20.12	20.21	20.22
15	64QAM	36	20	20.17	19.93	20.12
15	64QAM	36	39	19.80	19.90	20.03
15	64QAM	75	0	20.07	19.89	19.98



LTE Band 38						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				37800	38000	38200
Frequency (MHz)				2575	2595	2615
10	QPSK	1	0	22.16	22.19	22.09
10	QPSK	1	25	22.09	22.09	22.03
10	QPSK	1	49	22.12	21.96	22.09
10	QPSK	25	0	21.21	21.05	21.04
10	QPSK	25	12	21.09	21.05	21.07
10	QPSK	25	25	21.04	21.20	20.94
10	QPSK	50	0	21.03	20.88	21.26
10	16QAM	1	0	20.95	21.19	21.13
10	16QAM	1	25	20.99	21.11	21.02
10	16QAM	1	49	20.97	21.22	21.01
10	16QAM	25	0	20.22	20.14	20.07
10	16QAM	25	12	20.02	20.20	20.20
10	16QAM	25	25	20.21	19.91	20.20
10	16QAM	50	0	20.02	20.20	20.23
10	64QAM	1	0	21.20	20.92	20.98
10	64QAM	1	25	21.14	20.93	20.84
10	64QAM	1	49	21.02	21.00	21.14
10	64QAM	25	0	20.10	20.07	20.07
10	64QAM	25	12	20.15	19.97	20.25
10	64QAM	25	25	19.74	19.88	20.02
10	64QAM	50	0	19.93	20.05	19.96



LTE Band 38						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				37775	38000	38225
Frequency (MHz)				2572.5	2595	2617.5
5	QPSK	1	0	22.06	22.20	22.15
5	QPSK	1	12	22.05	21.97	21.98
5	QPSK	1	24	21.90	22.13	21.88
5	QPSK	12	0	21.19	20.97	20.97
5	QPSK	12	7	21.11	21.21	21.11
5	QPSK	12	13	21.04	21.01	21.18
5	QPSK	25	0	20.89	21.20	21.26
5	16QAM	1	0	21.26	21.35	20.99
5	16QAM	1	12	21.19	21.30	21.16
5	16QAM	1	24	21.03	20.90	21.00
5	16QAM	12	0	20.10	20.11	20.18
5	16QAM	12	7	20.13	20.01	20.06
5	16QAM	12	13	19.96	20.04	20.32
5	16QAM	25	0	20.05	20.12	20.06
5	64QAM	1	0	21.20	21.23	20.95
5	64QAM	1	12	21.18	21.13	21.02
5	64QAM	1	24	20.76	20.79	20.81
5	64QAM	12	0	20.06	20.23	20.26
5	64QAM	12	7	19.79	20.13	20.05
5	64QAM	12	13	19.99	20.12	20.11
5	64QAM	25	0	20.07	20.10	20.08



LTE Band 41 (Power Class 2)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39750	40620	41490
Frequency (MHz)				2506	2593	2680
20	QPSK	1	0	25.51	25.70	25.56
20	QPSK	1	49	25.57	25.67	25.51
20	QPSK	1	99	25.56	25.56	25.50
20	QPSK	50	0	24.55	24.72	24.64
20	QPSK	50	24	24.50	24.56	24.66
20	QPSK	50	50	24.63	24.62	24.49
20	QPSK	100	0	24.37	24.53	24.66
20	16QAM	1	0	24.58	24.69	24.61
20	16QAM	1	49	24.49	24.62	24.64
20	16QAM	1	99	24.42	24.56	24.50
20	16QAM	50	0	23.74	23.73	23.63
20	16QAM	50	24	23.61	23.65	23.46
20	16QAM	50	50	23.42	23.57	23.56
20	16QAM	100	0	23.74	23.60	23.65
20	64QAM	1	0	24.74	24.53	24.46
20	64QAM	1	49	24.36	24.50	24.55
20	64QAM	1	99	24.60	24.41	24.55
20	64QAM	50	0	23.66	23.61	23.60
20	64QAM	50	24	23.45	23.50	23.42
20	64QAM	50	50	23.54	23.47	23.36
20	64QAM	100	0	23.65	23.48	23.54



LTE Band 41 (Power Class 2)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39725	40620	41515
Frequency (MHz)				2503.5	2593	2682.5
15	QPSK	1	0	25.42	25.66	25.56
15	QPSK	1	37	25.63	25.48	25.45
15	QPSK	1	74	25.45	25.45	25.53
15	QPSK	36	0	24.67	24.41	24.40
15	QPSK	36	20	24.43	24.59	24.47
15	QPSK	36	39	24.71	24.77	24.72
15	QPSK	75	0	24.73	24.58	24.68
15	16QAM	1	0	24.82	24.66	24.62
15	16QAM	1	37	24.40	24.44	24.73
15	16QAM	1	74	24.48	24.57	24.52
15	16QAM	36	0	23.68	23.82	23.60
15	16QAM	36	20	23.45	23.46	23.47
15	16QAM	36	39	23.50	23.57	23.59
15	16QAM	75	0	23.60	23.72	23.63
15	64QAM	1	0	24.38	24.58	24.43
15	64QAM	1	37	24.61	24.41	24.64
15	64QAM	1	74	24.63	24.42	24.48
15	64QAM	36	0	23.46	23.60	23.54
15	64QAM	36	20	23.32	23.52	23.63
15	64QAM	36	39	23.37	23.56	23.33
15	64QAM	75	0	23.44	23.44	23.35



LTE Band 41 (Power Class 2)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39700	40620	41540
Frequency (MHz)				2501	2593	2685
10	QPSK	1	0	25.58	25.67	25.52
10	QPSK	1	25	25.51	25.62	25.50
10	QPSK	1	49	25.64	25.63	25.45
10	QPSK	25	0	24.61	24.77	24.61
10	QPSK	25	12	24.55	24.53	24.49
10	QPSK	25	25	24.48	24.55	24.38
10	QPSK	50	0	24.59	24.50	24.36
10	16QAM	1	0	24.63	24.60	24.71
10	16QAM	1	25	24.62	24.62	24.61
10	16QAM	1	49	24.45	24.57	24.44
10	16QAM	25	0	23.68	23.73	23.43
10	16QAM	25	12	23.76	23.79	23.65
10	16QAM	25	25	23.39	23.66	23.68
10	16QAM	50	0	23.67	23.69	23.73
10	64QAM	1	0	24.63	24.65	24.75
10	64QAM	1	25	24.42	24.68	24.36
10	64QAM	1	49	24.58	24.51	24.38
10	64QAM	25	0	23.56	23.57	23.73
10	64QAM	25	12	23.43	23.60	23.62
10	64QAM	25	25	23.37	23.55	23.31
10	64QAM	50	0	23.44	23.39	23.56



LTE Band 41 (Power Class 2)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39675	40620	41565
Frequency (MHz)				2498.5	2593	2687.5
5	QPSK	1	0	25.54	25.64	25.55
5	QPSK	1	12	25.62	25.58	25.47
5	QPSK	1	24	25.52	25.60	25.60
5	QPSK	12	0	24.80	24.73	24.68
5	QPSK	12	7	24.50	24.59	24.56
5	QPSK	12	13	24.62	24.76	24.61
5	QPSK	25	0	24.70	24.54	24.63
5	16QAM	1	0	24.64	24.56	24.58
5	16QAM	1	12	24.41	24.43	24.53
5	16QAM	1	24	24.45	24.73	24.41
5	16QAM	12	0	23.69	23.53	23.57
5	16QAM	12	7	23.69	23.63	23.54
5	16QAM	12	13	23.41	23.62	23.63
5	16QAM	25	0	23.45	23.45	23.45
5	64QAM	1	0	24.47	24.61	24.46
5	64QAM	1	12	24.65	24.33	24.30
5	64QAM	1	24	24.62	24.54	24.29
5	64QAM	12	0	23.55	23.70	23.72
5	64QAM	12	7	23.30	23.57	23.39
5	64QAM	12	13	23.54	23.21	23.29
5	64QAM	25	0	23.51	23.64	23.48



LTE Band 41 (Power Class 3)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39750	40620	41490
Frequency (MHz)				2506	2593	2680
20	QPSK	1	0	22.48	22.62	22.38
20	QPSK	1	49	22.55	22.51	22.51
20	QPSK	1	99	22.50	22.55	22.48
20	QPSK	50	0	21.84	21.67	21.43
20	QPSK	50	24	21.64	21.58	21.35
20	QPSK	50	50	21.75	21.68	21.76
20	QPSK	100	0	21.53	21.62	21.45
20	16QAM	1	0	21.43	21.81	21.65
20	16QAM	1	49	21.35	21.35	21.78
20	16QAM	1	99	21.32	21.90	21.49
20	16QAM	50	0	20.80	20.68	20.71
20	16QAM	50	24	21.02	20.68	21.03
20	16QAM	50	50	20.59	20.97	20.39
20	16QAM	100	0	20.86	20.81	21.09
20	64QAM	1	0	21.62	21.99	21.64
20	64QAM	1	49	21.50	21.69	21.35
20	64QAM	1	99	21.55	21.58	21.37
20	64QAM	50	0	20.47	20.65	20.72
20	64QAM	50	24	20.26	20.96	20.22
20	64QAM	50	50	20.31	20.53	20.19
20	64QAM	100	0	20.53	20.72	20.45



LTE Band 41 (Power Class 3)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39725	40620	41515
Frequency (MHz)				2503.5	2593	2682.5
15	QPSK	1	0	22.42	22.60	22.49
15	QPSK	1	37	22.51	22.49	22.40
15	QPSK	1	74	22.44	22.36	22.51
15	QPSK	36	0	21.63	21.65	21.35
15	QPSK	36	20	21.54	21.79	21.53
15	QPSK	36	39	21.74	21.49	21.70
15	QPSK	75	0	21.40	21.58	21.69
15	16QAM	1	0	21.47	21.72	21.50
15	16QAM	1	37	21.60	21.29	21.90
15	16QAM	1	74	21.27	21.75	21.78
15	16QAM	36	0	20.95	20.59	20.71
15	16QAM	36	20	20.99	20.99	20.73
15	16QAM	36	39	20.56	20.87	20.75
15	16QAM	75	0	20.97	20.76	20.73
15	64QAM	1	0	21.64	21.64	21.62
15	64QAM	1	37	21.63	21.59	21.54
15	64QAM	1	74	21.54	21.86	21.33
15	64QAM	36	0	20.33	20.44	20.74
15	64QAM	36	20	20.48	20.97	20.26
15	64QAM	36	39	20.37	20.52	20.23
15	64QAM	75	0	20.53	20.72	20.45



LTE Band 41 (Power Class 3)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39700	40620	41540
Frequency (MHz)				2501	2593	2685
10	QPSK	1	0	22.51	22.58	22.49
10	QPSK	1	25	22.47	22.49	22.53
10	QPSK	1	49	22.41	22.53	22.37
10	QPSK	25	0	21.87	21.82	21.54
10	QPSK	25	12	21.59	21.53	21.39
10	QPSK	25	25	21.83	21.68	21.68
10	QPSK	50	0	21.62	21.67	21.68
10	16QAM	1	0	21.44	21.71	21.41
10	16QAM	1	25	21.39	21.27	21.76
10	16QAM	1	49	21.37	21.96	21.47
10	16QAM	25	0	20.89	20.85	20.64
10	16QAM	25	12	20.92	20.72	21.06
10	16QAM	25	25	20.57	20.83	20.59
10	16QAM	50	0	20.86	20.83	20.76
10	64QAM	1	0	21.81	21.88	21.69
10	64QAM	1	25	21.39	21.72	21.52
10	64QAM	1	49	21.79	21.79	21.58
10	64QAM	25	0	20.38	20.65	20.75
10	64QAM	25	12	20.24	20.66	20.22
10	64QAM	25	25	20.53	20.58	20.38
10	64QAM	50	0	20.53	20.72	20.45



LTE Band 41 (Power Class 3)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39675	40620	41565
Frequency (MHz)				2498.5	2593	2687.5
5	QPSK	1	0	22.47	22.57	22.53
5	QPSK	1	12	22.50	22.37	22.49
5	QPSK	1	24	22.36	22.27	22.42
5	QPSK	12	0	21.69	21.53	21.31
5	QPSK	12	7	21.61	21.53	21.66
5	QPSK	12	13	21.89	21.64	21.46
5	QPSK	25	0	21.33	21.38	21.63
5	16QAM	1	0	21.29	21.79	21.72
5	16QAM	1	12	21.67	21.36	21.85
5	16QAM	1	24	21.57	21.82	21.61
5	16QAM	12	0	20.97	20.72	20.33
5	16QAM	12	7	21.01	20.65	21.05
5	16QAM	12	13	20.56	21.00	20.65
5	16QAM	25	0	20.97	20.99	20.86
5	64QAM	1	0	21.65	21.96	21.44
5	64QAM	1	12	21.46	21.77	21.23
5	64QAM	1	24	21.65	21.84	21.45
5	64QAM	12	0	20.47	20.84	20.53
5	64QAM	12	7	20.38	20.86	20.55
5	64QAM	12	13	20.38	20.64	20.45
5	64QAM	25	0	20.53	20.72	20.45



LTE Band 42						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				42190	42590	42990
Frequency (MHz)				3460	3500	3540
20	QPSK	1	0	20.63	20.80	20.71
20	QPSK	1	49	20.56	20.54	20.60
20	QPSK	1	99	20.58	20.48	20.72
20	QPSK	50	0	19.72	19.85	19.82
20	QPSK	50	24	19.58	19.66	19.65
20	QPSK	50	50	19.76	19.74	19.70
20	QPSK	100	0	19.53	19.69	19.50
20	16QAM	1	0	19.83	19.84	19.69
20	16QAM	1	49	19.52	19.63	19.77
20	16QAM	1	99	19.73	19.69	19.52
20	16QAM	50	0	18.67	18.79	18.68
20	16QAM	50	24	18.79	18.75	18.63
20	16QAM	50	50	18.59	18.52	18.77
20	16QAM	100	0	18.59	18.59	18.57
20	64QAM	1	0	19.69	19.79	19.69
20	64QAM	1	49	19.62	19.42	19.48
20	64QAM	1	99	19.64	19.67	19.40
20	64QAM	50	0	18.88	18.58	18.51
20	64QAM	50	24	18.73	18.67	18.75
20	64QAM	50	50	18.70	18.45	18.38
20	64QAM	100	0	18.73	18.59	18.55



LTE Band 42						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				42165	42590	43015
Frequency (MHz)				3457.5	3500	3542.5
15	QPSK	1	0	20.72	20.77	20.66
15	QPSK	1	37	20.77	20.78	20.64
15	QPSK	1	74	20.73	20.72	20.45
15	QPSK	36	0	19.89	19.89	19.68
15	QPSK	36	20	19.51	19.82	19.69
15	QPSK	36	39	19.82	19.55	19.69
15	QPSK	75	0	19.79	19.70	19.79
15	16QAM	1	0	19.84	19.92	19.58
15	16QAM	1	37	19.55	19.85	19.74
15	16QAM	1	74	19.80	19.67	19.50
15	16QAM	36	0	18.95	18.75	18.82
15	16QAM	36	20	18.57	18.59	18.89
15	16QAM	36	39	18.50	18.61	18.73
15	16QAM	75	0	18.77	18.54	18.70
15	64QAM	1	0	19.80	19.58	19.57
15	64QAM	1	37	19.77	19.74	19.67
15	64QAM	1	74	19.46	19.37	19.51
15	64QAM	36	0	18.70	18.69	18.73
15	64QAM	36	20	18.40	18.73	18.70
15	64QAM	36	39	18.66	18.71	18.53
15	64QAM	75	0	18.71	18.58	18.47



LTE Band 42						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				42140	42590	43040
Frequency (MHz)				3455	3500	3545
10	QPSK	1	0	20.58	20.71	20.65
10	QPSK	1	25	20.67	20.45	20.51
10	QPSK	1	49	20.48	20.77	20.58
10	QPSK	25	0	19.63	19.59	19.89
10	QPSK	25	12	19.66	19.58	19.82
10	QPSK	25	25	19.55	19.63	19.86
10	QPSK	50	0	19.59	19.46	19.76
10	16QAM	1	0	19.74	19.67	19.73
10	16QAM	1	25	19.86	19.55	19.49
10	16QAM	1	49	19.53	19.87	19.73
10	16QAM	25	0	18.96	18.70	18.85
10	16QAM	25	12	18.72	18.59	18.80
10	16QAM	25	25	18.49	18.79	18.48
10	16QAM	50	0	18.90	18.76	18.59
10	64QAM	1	0	19.50	19.76	19.74
10	64QAM	1	25	19.46	19.48	19.43
10	64QAM	1	49	19.55	19.69	19.51
10	64QAM	25	0	18.58	18.64	18.57
10	64QAM	25	12	18.68	18.58	18.44
10	64QAM	25	25	18.63	18.68	18.52
10	64QAM	50	0	18.51	18.58	18.77



LTE Band 42						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				42115	42590	43065
Frequency (MHz)				3452.5	3500	3547.5
5	QPSK	1	0	20.72	20.78	20.64
5	QPSK	1	12	20.57	20.56	20.71
5	QPSK	1	24	20.73	20.56	20.70
5	QPSK	12	0	19.78	19.63	19.77
5	QPSK	12	7	19.85	19.56	19.64
5	QPSK	12	13	19.82	19.64	19.91
5	QPSK	25	0	19.61	19.47	19.69
5	16QAM	1	0	19.57	19.85	19.90
5	16QAM	1	12	19.71	19.74	19.51
5	16QAM	1	24	19.52	19.71	19.83
5	16QAM	12	0	18.80	18.95	18.95
5	16QAM	12	7	18.66	18.68	18.70
5	16QAM	12	13	18.60	18.53	18.77
5	16QAM	25	0	18.69	18.63	18.56
5	64QAM	1	0	19.46	19.57	19.77
5	64QAM	1	12	19.45	19.70	19.41
5	64QAM	1	24	19.75	19.62	19.56
5	64QAM	12	0	18.51	18.82	18.76
5	64QAM	12	7	18.49	18.72	18.57
5	64QAM	12	13	18.70	18.52	18.66
5	64QAM	25	0	18.81	18.40	18.80



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				132072	132322	132572
Frequency (MHz)				1720	1745	1770
20	QPSK	1	0	22.68	22.82	22.80
20	QPSK	1	49	22.64	22.74	22.77
20	QPSK	1	99	22.50	22.57	22.63
20	QPSK	50	0	21.67	21.68	21.56
20	QPSK	50	24	21.64	21.62	21.55
20	QPSK	50	50	21.76	21.58	21.89
20	QPSK	100	0	21.82	21.61	21.47
20	16QAM	1	0	21.72	21.82	21.63
20	16QAM	1	49	21.71	21.88	21.86
20	16QAM	1	99	21.48	21.71	21.55
20	16QAM	50	0	20.65	20.67	20.86
20	16QAM	50	24	20.69	20.75	20.79
20	16QAM	50	50	20.49	20.59	20.58
20	16QAM	100	0	20.89	20.91	20.51
20	64QAM	1	0	21.69	21.77	21.52
20	64QAM	1	49	21.46	21.54	21.51
20	64QAM	1	99	21.45	21.72	21.52
20	64QAM	50	0	20.50	20.61	20.66
20	64QAM	50	24	20.74	20.60	20.58
20	64QAM	50	50	20.63	20.35	20.69
20	64QAM	100	0	20.70	20.44	20.47



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				132047	132322	132597
Frequency (MHz)				1717.5	1745	1772.5
15	QPSK	1	0	22.62	22.74	22.72
15	QPSK	1	37	22.63	22.58	22.80
15	QPSK	1	74	22.60	22.49	22.43
15	QPSK	36	0	21.84	21.64	21.77
15	QPSK	36	20	21.47	21.57	21.54
15	QPSK	36	39	21.66	21.72	21.83
15	QPSK	75	0	21.53	21.55	21.52
15	16QAM	1	0	21.59	21.97	21.83
15	16QAM	1	37	21.61	21.57	21.82
15	16QAM	1	74	21.55	21.62	21.61
15	16QAM	36	0	20.82	20.86	20.69
15	16QAM	36	20	20.52	20.77	20.57
15	16QAM	36	39	20.67	20.79	20.73
15	16QAM	75	0	20.79	20.91	20.61
15	64QAM	1	0	21.77	21.82	21.48
15	64QAM	1	37	21.58	21.54	21.41
15	64QAM	1	74	21.46	21.59	21.59
15	64QAM	36	0	20.74	20.56	20.68
15	64QAM	36	20	20.40	20.74	20.89
15	64QAM	36	39	20.51	20.49	20.41
15	64QAM	75	0	20.56	20.79	20.59



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				132022	132322	132622
Frequency (MHz)				1715	1745	1775
10	QPSK	1	0	22.70	22.78	22.56
10	QPSK	1	25	22.77	22.57	22.76
10	QPSK	1	49	22.78	22.69	22.69
10	QPSK	25	0	21.66	21.87	21.87
10	QPSK	25	12	21.46	21.70	21.53
10	QPSK	25	25	21.65	21.93	21.61
10	QPSK	50	0	21.66	21.70	21.86
10	16QAM	1	0	21.82	21.79	21.68
10	16QAM	1	25	21.88	21.74	21.90
10	16QAM	1	49	21.49	21.79	21.42
10	16QAM	25	0	20.72	20.90	20.85
10	16QAM	25	12	20.60	20.87	20.73
10	16QAM	25	25	20.50	20.87	20.90
10	16QAM	50	0	20.50	20.57	20.47
10	64QAM	1	0	21.68	21.64	21.60
10	64QAM	1	25	21.49	21.71	21.76
10	64QAM	1	49	21.54	21.67	21.65
10	64QAM	25	0	20.75	20.85	20.66
10	64QAM	25	12	20.73	20.67	20.80
10	64QAM	25	25	20.63	20.53	20.58
10	64QAM	50	0	20.63	20.68	20.76



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				131997	132322	132647
Frequency (MHz)				1712.5	1745	1777.5
5	QPSK	1	0	22.58	22.76	22.60
5	QPSK	1	12	22.69	22.47	22.75
5	QPSK	1	24	22.64	22.66	22.56
5	QPSK	12	0	21.79	21.84	21.62
5	QPSK	12	7	21.60	21.87	21.57
5	QPSK	12	13	21.58	21.94	21.67
5	QPSK	25	0	21.68	21.66	21.63
5	16QAM	1	0	21.63	21.91	21.70
5	16QAM	1	12	21.64	21.85	21.93
5	16QAM	1	24	21.62	21.87	21.65
5	16QAM	12	0	20.63	20.70	20.71
5	16QAM	12	7	20.82	20.77	20.81
5	16QAM	12	13	20.75	20.77	20.76
5	16QAM	25	0	20.62	20.54	20.47
5	64QAM	1	0	21.64	21.81	21.73
5	64QAM	1	12	21.62	21.42	21.48
5	64QAM	1	24	21.50	21.42	21.66
5	64QAM	12	0	20.89	20.60	20.65
5	64QAM	12	7	20.79	20.52	20.77
5	64QAM	12	13	20.54	20.53	20.46
5	64QAM	25	0	20.56	20.54	20.64



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				131987	132322	132657
Frequency (MHz)				1711.5	1745	1778.5
3	QPSK	1	0	22.54	22.72	22.61
3	QPSK	1	8	22.71	22.56	22.52
3	QPSK	1	14	22.47	22.66	22.69
3	QPSK	8	0	21.88	21.55	21.63
3	QPSK	8	4	21.47	21.64	21.41
3	QPSK	8	7	21.72	21.73	21.73
3	QPSK	15	0	21.55	21.49	21.57
3	16QAM	1	0	21.93	21.88	21.78
3	16QAM	1	8	21.63	21.69	21.76
3	16QAM	1	14	21.83	21.66	21.56
3	16QAM	8	0	20.75	20.88	20.57
3	16QAM	8	4	20.89	20.62	20.80
3	16QAM	8	7	20.56	20.60	20.56
3	16QAM	15	0	20.56	20.59	20.71
3	64QAM	1	0	21.66	21.85	21.78
3	64QAM	1	8	21.74	21.74	21.57
3	64QAM	1	14	21.66	21.50	21.66
3	64QAM	8	0	20.54	20.56	20.73
3	64QAM	8	4	20.77	20.79	20.58
3	64QAM	8	7	20.37	20.42	20.52
3	64QAM	15	0	20.60	20.50	20.37



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				131979	132322	132665
Frequency (MHz)				1710.7	1745	1779.3
1.4	QPSK	1	0	22.76	22.80	22.68
1.4	QPSK	1	3	22.70	22.59	22.75
1.4	QPSK	1	5	22.48	22.59	22.61
1.4	QPSK	3	0	21.70	21.72	21.57
1.4	QPSK	3	1	21.63	21.85	21.52
1.4	QPSK	3	3	21.52	21.82	21.64
1.4	QPSK	6	0	21.80	21.85	21.76
1.4	16QAM	1	0	21.90	21.92	21.76
1.4	16QAM	1	3	21.78	21.81	21.69
1.4	16QAM	1	5	21.55	21.78	21.52
1.4	16QAM	3	0	20.83	20.70	20.85
1.4	16QAM	3	1	20.84	20.89	20.72
1.4	16QAM	3	3	20.79	20.55	20.56
1.4	16QAM	6	0	20.50	20.71	20.63
1.4	64QAM	1	0	21.62	21.64	21.77
1.4	64QAM	1	3	21.45	21.66	21.79
1.4	64QAM	1	5	21.74	21.37	21.49
1.4	64QAM	3	0	20.53	20.74	20.88
1.4	64QAM	3	1	20.64	20.54	20.70
1.4	64QAM	3	3	20.57	20.60	20.51
1.4	64QAM	6	0	20.72	20.70	20.46



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				133222	133322	133372
Frequency (MHz)				673	683	688
20	QPSK	1	0	22.57	22.77	22.61
20	QPSK	1	49	22.59	22.68	22.74
20	QPSK	1	99	22.72	22.68	22.62
20	QPSK	50	0	21.65	21.67	21.53
20	QPSK	50	24	21.67	21.77	21.60
20	QPSK	50	50	21.87	21.84	21.84
20	QPSK	100	0	21.54	21.78	21.46
20	16QAM	1	0	21.58	21.69	21.60
20	16QAM	1	49	21.88	21.84	21.70
20	16QAM	1	99	21.46	21.77	21.45
20	16QAM	50	0	20.68	21.05	20.73
20	16QAM	50	24	20.77	20.91	20.58
20	16QAM	50	50	20.81	20.61	20.62
20	16QAM	100	0	20.63	20.76	20.47
20	64QAM	1	0	21.75	21.79	21.80
20	64QAM	1	49	21.44	21.50	21.55
20	64QAM	1	99	21.39	21.69	21.68
20	64QAM	50	0	20.56	20.57	20.49
20	64QAM	50	24	20.64	20.43	20.76
20	64QAM	50	50	20.39	20.73	20.60
20	64QAM	100	0	20.75	20.49	20.66



LTE Band 71						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				133197	133297	133397
Frequency (MHz)				670.5	680.5	690.5
15	QPSK	1	0	22.68	22.75	22.71
15	QPSK	1	37	22.72	22.47	22.63
15	QPSK	1	74	22.60	22.58	22.53
15	QPSK	36	0	21.74	21.93	21.88
15	QPSK	36	20	21.73	21.73	21.43
15	QPSK	36	39	21.65	21.88	21.85
15	QPSK	75	0	21.60	21.69	21.78
15	16QAM	1	0	21.57	21.61	21.57
15	16QAM	1	37	21.55	21.62	21.55
15	16QAM	1	74	21.68	21.75	21.47
15	16QAM	36	0	20.96	20.65	20.63
15	16QAM	36	20	20.86	20.89	20.48
15	16QAM	36	39	20.48	20.58	20.65
15	16QAM	75	0	20.54	20.85	20.69
15	64QAM	1	0	21.82	21.69	21.66
15	64QAM	1	37	21.43	21.49	21.58
15	64QAM	1	74	21.51	21.59	21.46
15	64QAM	36	0	20.86	20.79	20.66
15	64QAM	36	20	20.77	20.60	20.87
15	64QAM	36	39	20.44	20.57	20.49
15	64QAM	75	0	20.78	20.48	20.61



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	22.63	22.73	22.67
10	QPSK	1	25	22.72	22.50	22.66
10	QPSK	1	49	22.69	22.68	22.43
10	QPSK	25	0	21.79	21.89	21.67
10	QPSK	25	12	21.66	21.59	21.41
10	QPSK	25	25	21.76	21.74	21.52
10	QPSK	50	0	21.85	21.57	21.83
10	16QAM	1	0	21.60	21.91	21.70
10	16QAM	1	25	21.53	21.80	21.58
10	16QAM	1	49	21.74	21.88	21.73
10	16QAM	25	0	20.97	20.98	20.63
10	16QAM	25	12	20.60	20.76	20.49
10	16QAM	25	25	20.63	20.56	20.69
10	16QAM	50	0	20.78	20.74	20.69
10	64QAM	1	0	21.54	21.46	21.82
10	64QAM	1	25	21.72	21.78	21.44
10	64QAM	1	49	21.68	21.71	21.59
10	64QAM	25	0	20.65	20.55	20.50
10	64QAM	25	12	20.53	20.51	20.80
10	64QAM	25	25	20.56	20.39	20.40
10	64QAM	50	0	20.63	20.78	20.61



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	22.70	22.74	22.58
5	QPSK	1	12	22.68	22.66	22.63
5	QPSK	1	24	22.60	22.64	22.46
5	QPSK	12	0	21.71	21.61	21.64
5	QPSK	12	7	21.46	21.64	21.74
5	QPSK	12	13	21.77	21.90	21.78
5	QPSK	25	0	21.47	21.76	21.63
5	16QAM	1	0	21.94	21.93	21.61
5	16QAM	1	12	21.73	21.94	21.54
5	16QAM	1	24	21.61	21.60	21.81
5	16QAM	12	0	20.86	20.73	20.78
5	16QAM	12	7	20.54	20.68	20.81
5	16QAM	12	13	20.64	20.84	20.59
5	16QAM	25	0	20.65	20.68	20.59
5	64QAM	1	0	21.55	21.64	21.50
5	64QAM	1	12	21.63	21.82	21.40
5	64QAM	1	24	21.72	21.64	21.39
5	64QAM	12	0	20.87	20.54	20.77
5	64QAM	12	7	20.40	20.52	20.83
5	64QAM	12	13	20.71	20.55	20.39
5	64QAM	25	0	20.79	20.51	20.59

**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	26.32	0.429	26.47	0.444	26.38	0.435
20	QPSK	1	49	26.33	0.430	26.21	0.418	26.31	0.428
20	QPSK	1	99	26.27	0.424	26.30	0.427	26.25	0.422
20	QPSK	50	0	25.35	0.343	25.41	0.348	25.33	0.341
20	QPSK	50	24	25.27	0.337	25.30	0.339	25.20	0.331
20	QPSK	50	50	25.33	0.341	25.36	0.344	25.32	0.340
20	QPSK	100	0	25.29	0.338	25.27	0.337	25.28	0.337
20	16QAM	1	0	25.37	0.344	25.43	0.349	25.39	0.346
20	16QAM	1	49	25.31	0.340	25.36	0.344	25.35	0.343
20	16QAM	1	99	25.27	0.337	25.30	0.339	25.24	0.334
20	16QAM	50	0	24.40	0.275	24.47	0.280	24.35	0.272
20	16QAM	50	24	24.34	0.272	24.39	0.275	24.30	0.269
20	16QAM	50	50	24.25	0.266	24.31	0.270	24.36	0.273
20	16QAM	100	0	24.32	0.270	24.34	0.272	24.28	0.268
20	64QAM	1	0	25.28	0.337	25.27	0.337	25.30	0.339
20	64QAM	1	49	25.20	0.331	25.24	0.334	25.22	0.333
20	64QAM	1	99	25.18	0.330	25.15	0.327	25.17	0.329
20	64QAM	50	0	24.32	0.270	24.35	0.272	24.31	0.270
20	64QAM	50	24	24.21	0.264	24.24	0.265	24.32	0.270
20	64QAM	50	50	24.15	0.260	24.15	0.260	24.20	0.263
20	64QAM	100	0	24.27	0.267	24.22	0.264	24.18	0.262



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	26.15	0.412	26.45	0.442	26.38	0.435
15	QPSK	1	37	26.37	0.434	26.02	0.400	26.43	0.440
15	QPSK	1	74	26.43	0.440	26.32	0.429	26.36	0.433
15	QPSK	36	0	25.50	0.355	25.37	0.344	25.44	0.350
15	QPSK	36	20	25.19	0.330	25.26	0.336	25.05	0.320
15	QPSK	36	39	25.26	0.336	25.22	0.333	25.22	0.333
15	QPSK	75	0	25.33	0.341	25.22	0.333	25.17	0.329
15	16QAM	1	0	25.50	0.355	25.50	0.355	25.22	0.333
15	16QAM	1	37	25.28	0.337	25.26	0.336	25.41	0.348
15	16QAM	1	74	25.30	0.339	25.16	0.328	25.07	0.321
15	16QAM	36	0	24.48	0.281	24.40	0.275	24.15	0.260
15	16QAM	36	20	24.14	0.259	24.53	0.284	24.20	0.263
15	16QAM	36	39	24.21	0.264	24.44	0.278	24.17	0.261
15	16QAM	75	0	24.27	0.267	24.34	0.272	24.35	0.272
15	64QAM	1	0	25.19	0.330	25.39	0.346	25.13	0.326
15	64QAM	1	37	25.20	0.331	25.08	0.322	25.12	0.325
15	64QAM	1	74	25.16	0.328	25.08	0.322	25.26	0.336
15	64QAM	36	0	24.26	0.267	24.40	0.275	24.25	0.266
15	64QAM	36	20	24.33	0.271	24.43	0.277	24.50	0.282
15	64QAM	36	39	24.15	0.260	24.31	0.270	24.29	0.269
15	64QAM	75	0	24.37	0.274	24.38	0.274	24.07	0.255



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	26.39	0.436	26.44	0.441	26.38	0.435
10	QPSK	1	25	26.34	0.431	26.28	0.425	26.19	0.416
10	QPSK	1	49	26.17	0.414	26.22	0.419	26.42	0.439
10	QPSK	25	0	25.46	0.352	25.49	0.354	25.16	0.328
10	QPSK	25	12	25.39	0.346	25.21	0.332	25.07	0.321
10	QPSK	25	25	25.38	0.345	25.16	0.328	25.47	0.352
10	QPSK	50	0	25.46	0.352	25.21	0.332	25.35	0.343
10	16QAM	1	0	25.56	0.360	25.44	0.350	25.55	0.359
10	16QAM	1	25	25.51	0.356	25.52	0.356	25.38	0.345
10	16QAM	1	49	25.44	0.350	25.22	0.333	25.17	0.329
10	16QAM	25	0	24.52	0.283	24.40	0.275	24.28	0.268
10	16QAM	25	12	24.53	0.284	24.19	0.262	24.11	0.258
10	16QAM	25	25	24.43	0.277	24.48	0.281	24.33	0.271
10	16QAM	50	0	24.29	0.269	24.18	0.262	24.23	0.265
10	64QAM	1	0	25.41	0.348	25.45	0.351	25.34	0.342
10	64QAM	1	25	25.28	0.337	25.42	0.348	25.35	0.343
10	64QAM	1	49	25.07	0.321	25.11	0.324	25.16	0.328
10	64QAM	25	0	24.41	0.276	24.41	0.276	24.47	0.280
10	64QAM	25	12	24.14	0.259	24.09	0.256	24.19	0.262
10	64QAM	25	25	24.35	0.272	24.16	0.261	24.11	0.258
10	64QAM	50	0	24.23	0.265	24.07	0.255	24.35	0.272



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	26.26	0.423	26.43	0.440	26.20	0.417
5	QPSK	1	12	26.16	0.413	26.41	0.438	26.30	0.427
5	QPSK	1	24	26.42	0.439	26.17	0.414	26.25	0.422
5	QPSK	12	0	25.22	0.333	25.48	0.353	25.49	0.354
5	QPSK	12	7	25.21	0.332	25.34	0.342	25.15	0.327
5	QPSK	12	13	25.53	0.357	25.27	0.337	25.35	0.343
5	QPSK	25	0	25.43	0.349	25.14	0.327	25.21	0.332
5	16QAM	1	0	25.56	0.360	25.43	0.349	25.21	0.332
5	16QAM	1	12	25.21	0.332	25.19	0.330	25.38	0.345
5	16QAM	1	24	25.09	0.323	25.32	0.340	25.32	0.340
5	16QAM	12	0	24.53	0.284	24.50	0.282	24.26	0.267
5	16QAM	12	7	24.46	0.279	24.27	0.267	24.10	0.257
5	16QAM	12	13	24.45	0.279	24.38	0.274	24.43	0.277
5	16QAM	25	0	24.24	0.265	24.28	0.268	24.22	0.264
5	64QAM	1	0	25.46	0.352	25.10	0.324	25.17	0.329
5	64QAM	1	12	25.37	0.344	25.36	0.344	25.42	0.348
5	64QAM	1	24	24.99	0.316	25.33	0.341	25.13	0.326
5	64QAM	12	0	24.39	0.275	24.51	0.282	24.22	0.264
5	64QAM	12	7	24.27	0.267	24.20	0.263	24.26	0.267
5	64QAM	12	13	24.21	0.264	24.15	0.260	24.34	0.272
5	64QAM	25	0	24.45	0.279	24.41	0.276	24.33	0.271



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	26.38	0.435	26.45	0.442	26.36	0.433
3	QPSK	1	8	26.26	0.423	26.31	0.428	26.40	0.437
3	QPSK	1	14	26.30	0.427	26.30	0.427	26.07	0.405
3	QPSK	8	0	25.43	0.349	25.47	0.352	25.48	0.353
3	QPSK	8	4	25.27	0.337	25.11	0.324	25.25	0.335
3	QPSK	8	7	25.20	0.331	25.45	0.351	25.49	0.354
3	QPSK	15	0	25.25	0.335	25.18	0.330	25.08	0.322
3	16QAM	1	0	25.37	0.344	25.57	0.361	25.25	0.335
3	16QAM	1	8	25.40	0.347	25.53	0.357	25.29	0.338
3	16QAM	1	14	25.19	0.330	25.42	0.348	25.24	0.334
3	16QAM	8	0	24.48	0.281	24.57	0.286	24.19	0.262
3	16QAM	8	4	24.47	0.280	24.36	0.273	24.47	0.280
3	16QAM	8	7	24.17	0.261	24.51	0.282	24.42	0.277
3	16QAM	15	0	24.35	0.272	24.19	0.262	24.37	0.274
3	64QAM	1	0	25.32	0.340	25.32	0.340	25.32	0.340
3	64QAM	1	8	25.27	0.337	25.37	0.344	25.13	0.326
3	64QAM	1	14	25.15	0.327	25.15	0.327	25.19	0.330
3	64QAM	8	0	24.37	0.274	24.19	0.262	24.17	0.261
3	64QAM	8	4	24.21	0.264	24.38	0.274	24.46	0.279
3	64QAM	8	7	23.96	0.249	24.29	0.269	24.31	0.270
3	64QAM	15	0	24.23	0.265	24.12	0.258	24.24	0.265



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	26.39	0.436	26.30	0.427	26.31	0.428
1.4	QPSK	1	3	26.32	0.429	26.15	0.412	26.11	0.408
1.4	QPSK	1	5	26.34	0.431	26.30	0.427	26.07	0.405
1.4	QPSK	3	0	25.58	0.361	25.39	0.346	25.43	0.349
1.4	QPSK	3	1	25.15	0.327	25.49	0.354	25.26	0.336
1.4	QPSK	3	3	25.49	0.354	25.33	0.341	25.41	0.348
1.4	QPSK	6	0	25.25	0.335	25.25	0.335	25.44	0.350
1.4	16QAM	1	0	25.54	0.358	25.42	0.348	25.30	0.339
1.4	16QAM	1	3	25.34	0.342	25.55	0.359	25.43	0.349
1.4	16QAM	1	5	25.22	0.333	25.20	0.331	25.19	0.330
1.4	16QAM	3	0	24.34	0.272	24.40	0.275	24.48	0.281
1.4	16QAM	3	1	24.28	0.268	24.56	0.286	24.43	0.277
1.4	16QAM	3	3	24.32	0.270	24.29	0.269	24.39	0.275
1.4	16QAM	6	0	24.51	0.282	24.21	0.264	24.35	0.272
1.4	64QAM	1	0	25.42	0.348	25.47	0.352	25.12	0.325
1.4	64QAM	1	3	25.30	0.339	25.17	0.329	25.20	0.331
1.4	64QAM	1	5	25.36	0.344	25.16	0.328	25.19	0.330
1.4	64QAM	3	0	24.41	0.276	24.29	0.269	24.18	0.262
1.4	64QAM	3	1	24.27	0.267	24.13	0.259	24.34	0.272
1.4	64QAM	3	3	24.14	0.259	24.15	0.260	24.14	0.259
1.4	64QAM	6	0	24.33	0.271	24.31	0.270	24.04	0.254



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20050		20175		20300	
Frequency (MHz)				1720		1732.5		1745	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	24.52	0.283	24.60	0.288	24.54	0.284
20	QPSK	1	49	24.41	0.276	24.58	0.287	24.42	0.277
20	QPSK	1	99	24.33	0.271	24.57	0.286	24.41	0.276
20	QPSK	50	0	23.59	0.229	23.71	0.235	23.41	0.219
20	QPSK	50	24	23.56	0.227	23.32	0.215	23.47	0.222
20	QPSK	50	50	23.57	0.228	23.71	0.235	23.65	0.232
20	QPSK	100	0	23.66	0.232	23.41	0.219	23.56	0.227
20	16QAM	1	0	23.43	0.220	23.85	0.243	23.48	0.223
20	16QAM	1	49	23.35	0.216	23.42	0.220	23.75	0.237
20	16QAM	1	99	23.44	0.221	23.68	0.233	23.47	0.222
20	16QAM	50	0	22.65	0.184	22.58	0.181	22.52	0.179
20	16QAM	50	24	22.76	0.189	22.61	0.182	22.49	0.177
20	16QAM	50	50	22.41	0.174	22.63	0.183	22.71	0.187
20	16QAM	100	0	22.40	0.174	22.70	0.186	22.53	0.179
20	64QAM	1	0	23.65	0.232	23.66	0.232	23.35	0.216
20	64QAM	1	49	23.25	0.211	23.26	0.212	23.49	0.223
20	64QAM	1	99	23.44	0.221	23.29	0.213	23.49	0.223
20	64QAM	50	0	22.44	0.175	22.57	0.181	22.63	0.183
20	64QAM	50	24	22.32	0.171	22.56	0.180	22.49	0.177
20	64QAM	50	50	22.54	0.179	22.17	0.165	22.35	0.172
20	64QAM	100	0	22.36	0.172	22.50	0.178	22.20	0.166



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20025		20175		20325	
Frequency (MHz)				1717.5		1732.5		1747.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	24.58	0.287	24.51	0.282	24.52	0.283
15	QPSK	1	37	24.51	0.282	24.55	0.285	24.53	0.284
15	QPSK	1	74	24.42	0.277	24.52	0.283	24.47	0.280
15	QPSK	36	0	23.53	0.225	23.39	0.218	23.38	0.218
15	QPSK	36	20	23.67	0.233	23.54	0.226	23.56	0.227
15	QPSK	36	39	23.63	0.231	23.63	0.231	23.63	0.231
15	QPSK	75	0	23.64	0.231	23.61	0.230	23.43	0.220
15	16QAM	1	0	23.60	0.229	23.68	0.233	23.73	0.236
15	16QAM	1	37	23.51	0.224	23.47	0.222	23.45	0.221
15	16QAM	1	74	23.61	0.230	23.33	0.215	23.42	0.220
15	16QAM	36	0	22.56	0.180	22.60	0.182	22.71	0.187
15	16QAM	36	20	22.44	0.175	22.60	0.182	22.36	0.172
15	16QAM	36	39	22.61	0.182	22.34	0.171	22.39	0.173
15	16QAM	75	0	22.37	0.173	22.46	0.176	22.40	0.174
15	64QAM	1	0	23.38	0.218	23.69	0.234	23.61	0.230
15	64QAM	1	37	23.60	0.229	23.34	0.216	23.26	0.212
15	64QAM	1	74	23.52	0.225	23.57	0.228	23.24	0.211
15	64QAM	36	0	22.39	0.173	22.72	0.187	22.54	0.179
15	64QAM	36	20	22.62	0.183	22.59	0.182	22.48	0.177
15	64QAM	36	39	22.39	0.173	22.56	0.180	22.36	0.172
15	64QAM	75	0	22.38	0.173	22.36	0.172	22.51	0.178



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20000		20175		20350	
Frequency (MHz)				1715		1732.5		1750	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	24.53	0.284	24.57	0.286	24.49	0.281
10	QPSK	1	25	24.41	0.276	24.51	0.282	24.55	0.285
10	QPSK	1	49	24.51	0.282	24.50	0.282	24.37	0.274
10	QPSK	25	0	23.48	0.223	23.64	0.231	23.40	0.219
10	QPSK	25	12	23.69	0.234	23.39	0.218	23.50	0.224
10	QPSK	25	25	23.39	0.218	23.60	0.229	23.44	0.221
10	QPSK	50	0	23.50	0.224	23.30	0.214	23.41	0.219
10	16QAM	1	0	23.51	0.224	23.68	0.233	23.56	0.227
10	16QAM	1	25	23.46	0.222	23.46	0.222	23.47	0.222
10	16QAM	1	49	23.67	0.233	23.43	0.220	23.59	0.229
10	16QAM	25	0	22.76	0.189	22.76	0.189	22.72	0.187
10	16QAM	25	12	22.71	0.187	22.55	0.180	22.56	0.180
10	16QAM	25	25	22.62	0.183	22.47	0.177	22.48	0.177
10	16QAM	50	0	22.68	0.185	22.41	0.174	22.33	0.171
10	64QAM	1	0	23.54	0.226	23.52	0.225	23.41	0.219
10	64QAM	1	25	23.32	0.215	23.56	0.227	23.43	0.220
10	64QAM	1	49	23.22	0.210	23.29	0.213	23.52	0.225
10	64QAM	25	0	22.71	0.187	22.38	0.173	22.47	0.177
10	64QAM	25	12	22.55	0.180	22.52	0.179	22.65	0.184
10	64QAM	25	25	22.37	0.173	22.45	0.176	22.33	0.171
10	64QAM	50	0	22.50	0.178	22.34	0.171	22.20	0.166



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				19975		20175		20375	
Frequency (MHz)				1712.5		1732.5		1752.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	24.50	0.282	24.56	0.286	24.49	0.281
5	QPSK	1	12	24.49	0.281	24.53	0.284	24.34	0.272
5	QPSK	1	24	24.35	0.272	24.44	0.278	24.47	0.280
5	QPSK	12	0	23.55	0.226	23.39	0.218	23.54	0.226
5	QPSK	12	7	23.63	0.231	23.38	0.218	23.50	0.224
5	QPSK	12	13	23.37	0.217	23.40	0.219	23.57	0.228
5	QPSK	25	0	23.62	0.230	23.54	0.226	23.53	0.225
5	16QAM	1	0	23.70	0.234	23.62	0.230	23.75	0.237
5	16QAM	1	12	23.53	0.225	23.55	0.226	23.68	0.233
5	16QAM	1	24	23.68	0.233	23.40	0.219	23.42	0.220
5	16QAM	12	0	22.54	0.179	22.55	0.180	22.60	0.182
5	16QAM	12	7	22.64	0.184	22.65	0.184	22.61	0.182
5	16QAM	12	13	22.56	0.180	22.72	0.187	22.72	0.187
5	16QAM	25	0	22.40	0.174	22.37	0.173	22.52	0.179
5	64QAM	1	0	23.32	0.215	23.39	0.218	23.64	0.231
5	64QAM	1	12	23.24	0.211	23.57	0.228	23.59	0.229
5	64QAM	1	24	23.28	0.213	23.23	0.210	23.58	0.228
5	64QAM	12	0	22.41	0.174	22.68	0.185	22.54	0.179
5	64QAM	12	7	22.44	0.175	22.33	0.171	22.67	0.185
5	64QAM	12	13	22.20	0.166	22.28	0.169	22.22	0.167
5	64QAM	25	0	22.55	0.180	22.45	0.176	22.20	0.166



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				19965		20175		20385	
Frequency (MHz)				1711.5		1732.5		1753.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	24.45	0.279	24.53	0.284	24.46	0.279
3	QPSK	1	8	24.38	0.274	24.34	0.272	24.44	0.278
3	QPSK	1	14	24.45	0.279	24.49	0.281	24.38	0.274
3	QPSK	8	0	23.67	0.233	23.63	0.231	23.58	0.228
3	QPSK	8	4	23.60	0.229	23.52	0.225	23.30	0.214
3	QPSK	8	7	23.39	0.218	23.59	0.229	23.40	0.219
3	QPSK	15	0	23.56	0.227	23.34	0.216	23.41	0.219
3	16QAM	1	0	23.66	0.232	23.70	0.234	23.70	0.234
3	16QAM	1	8	23.72	0.236	23.71	0.235	23.46	0.222
3	16QAM	1	14	23.42	0.220	23.37	0.217	23.55	0.226
3	16QAM	8	0	22.64	0.184	22.78	0.190	22.51	0.178
3	16QAM	8	4	22.45	0.176	22.45	0.176	22.63	0.183
3	16QAM	8	7	22.67	0.185	22.42	0.175	22.40	0.174
3	16QAM	15	0	22.44	0.175	22.70	0.186	22.35	0.172
3	64QAM	1	0	23.43	0.220	23.48	0.223	23.35	0.216
3	64QAM	1	8	23.42	0.220	23.63	0.231	23.40	0.219
3	64QAM	1	14	23.35	0.216	23.42	0.220	23.29	0.213
3	64QAM	8	0	22.47	0.177	22.59	0.182	22.60	0.182
3	64QAM	8	4	22.49	0.177	22.36	0.172	22.61	0.182
3	64QAM	8	7	22.51	0.178	22.40	0.174	22.51	0.178
3	64QAM	15	0	22.46	0.176	22.55	0.180	22.52	0.179



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				19957		20175		20393	
Frequency (MHz)				1710.7		1732.5		1754.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	24.41	0.276	24.54	0.284	24.48	0.281
1.4	QPSK	1	3	24.55	0.285	24.52	0.283	24.50	0.282
1.4	QPSK	1	5	24.45	0.279	24.49	0.281	24.44	0.278
1.4	QPSK	3	0	23.76	0.238	23.74	0.237	23.75	0.237
1.4	QPSK	3	1	23.57	0.228	23.65	0.232	23.56	0.227
1.4	QPSK	3	3	23.36	0.217	23.51	0.224	23.47	0.222
1.4	QPSK	6	0	23.65	0.232	23.69	0.234	23.61	0.230
1.4	16QAM	1	0	23.64	0.231	23.45	0.221	23.63	0.231
1.4	16QAM	1	3	23.59	0.229	23.77	0.238	23.43	0.220
1.4	16QAM	1	5	23.31	0.214	23.39	0.218	23.55	0.226
1.4	16QAM	3	0	22.79	0.190	22.59	0.182	22.42	0.175
1.4	16QAM	3	1	22.56	0.180	22.72	0.187	22.65	0.184
1.4	16QAM	3	3	22.66	0.185	22.37	0.173	22.64	0.184
1.4	16QAM	6	0	22.42	0.175	22.42	0.175	22.59	0.182
1.4	64QAM	1	0	23.58	0.228	23.58	0.228	23.55	0.226
1.4	64QAM	1	3	23.44	0.221	23.63	0.231	23.32	0.215
1.4	64QAM	1	5	23.43	0.220	23.43	0.220	23.27	0.212
1.4	64QAM	3	0	22.50	0.178	22.77	0.189	22.65	0.184
1.4	64QAM	3	1	22.41	0.174	22.43	0.175	22.45	0.176
1.4	64QAM	3	3	22.46	0.176	22.36	0.172	22.62	0.183
1.4	64QAM	6	0	22.62	0.183	22.36	0.172	22.20	0.166



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	24.20	0.263	24.27	0.267	23.96	0.249
10	QPSK	1	25	24.11	0.258	24.08	0.256	24.09	0.256
10	QPSK	1	49	24.12	0.258	24.22	0.264	23.92	0.247
10	QPSK	25	0	23.19	0.208	23.28	0.213	22.96	0.198
10	QPSK	25	12	23.01	0.200	22.93	0.196	22.96	0.198
10	QPSK	25	25	23.14	0.206	23.17	0.207	22.99	0.199
10	QPSK	50	0	23.04	0.201	22.97	0.198	23.20	0.209
10	16QAM	1	0	23.02	0.200	23.05	0.202	23.20	0.209
10	16QAM	1	25	22.91	0.195	23.11	0.205	23.04	0.201
10	16QAM	1	49	23.00	0.200	23.22	0.210	23.16	0.207
10	16QAM	25	0	22.07	0.161	22.12	0.163	22.18	0.165
10	16QAM	25	12	22.11	0.163	22.01	0.159	21.89	0.155
10	16QAM	25	25	22.07	0.161	22.17	0.165	22.30	0.170
10	16QAM	50	0	22.00	0.158	22.07	0.161	22.12	0.163
10	64QAM	1	0	23.16	0.207	23.12	0.205	23.02	0.200
10	64QAM	1	25	22.98	0.199	23.16	0.207	22.95	0.197
10	64QAM	1	49	23.10	0.204	23.09	0.204	22.84	0.192
10	64QAM	25	0	22.23	0.167	22.10	0.162	22.20	0.166
10	64QAM	25	12	22.09	0.162	21.95	0.157	22.22	0.167
10	64QAM	25	25	21.91	0.155	22.10	0.162	21.96	0.157
10	64QAM	50	0	21.86	0.153	22.04	0.160	22.09	0.162



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	24.11	0.258	24.13	0.259	24.10	0.257
5	QPSK	1	12	24.23	0.265	24.10	0.257	24.18	0.262
5	QPSK	1	24	23.92	0.247	23.90	0.245	24.15	0.260
5	QPSK	12	0	23.03	0.201	23.27	0.212	22.93	0.196
5	QPSK	12	7	22.98	0.199	23.02	0.200	22.87	0.194
5	QPSK	12	13	23.03	0.201	22.93	0.196	23.22	0.210
5	QPSK	25	0	23.19	0.208	23.19	0.208	23.01	0.200
5	16QAM	1	0	23.25	0.211	23.13	0.206	23.29	0.213
5	16QAM	1	12	23.16	0.207	23.05	0.202	23.18	0.208
5	16QAM	1	24	22.88	0.194	23.09	0.204	23.04	0.201
5	16QAM	12	0	21.97	0.157	22.18	0.165	22.12	0.163
5	16QAM	12	7	21.93	0.156	22.07	0.161	22.00	0.158
5	16QAM	12	13	22.03	0.160	21.97	0.157	21.99	0.158
5	16QAM	25	0	21.97	0.157	22.21	0.166	21.94	0.156
5	64QAM	1	0	22.89	0.195	22.93	0.196	23.16	0.207
5	64QAM	1	12	22.91	0.195	23.14	0.206	22.82	0.191
5	64QAM	1	24	22.87	0.194	22.78	0.190	22.92	0.196
5	64QAM	12	0	22.23	0.167	22.08	0.161	22.00	0.158
5	64QAM	12	7	22.16	0.164	21.93	0.156	22.02	0.159
5	64QAM	12	13	21.97	0.157	21.95	0.157	21.84	0.153
5	64QAM	25	0	21.95	0.157	21.91	0.155	21.87	0.154



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	24.05	0.254	24.22	0.264	24.15	0.260
3	QPSK	1	8	23.95	0.248	23.91	0.246	24.02	0.252
3	QPSK	1	14	24.06	0.255	24.22	0.264	23.95	0.248
3	QPSK	8	0	23.12	0.205	23.10	0.204	22.90	0.195
3	QPSK	8	4	22.95	0.197	22.93	0.196	23.01	0.200
3	QPSK	8	7	23.10	0.204	23.03	0.201	23.16	0.207
3	QPSK	15	0	23.22	0.210	22.97	0.198	22.99	0.199
3	16QAM	1	0	23.34	0.216	23.31	0.214	23.27	0.212
3	16QAM	1	8	23.02	0.200	23.25	0.211	23.28	0.213
3	16QAM	1	14	23.00	0.200	23.18	0.208	23.13	0.206
3	16QAM	8	0	22.31	0.170	22.35	0.172	22.21	0.166
3	16QAM	8	4	22.08	0.161	22.29	0.169	22.25	0.168
3	16QAM	8	7	22.21	0.166	21.89	0.155	22.29	0.169
3	16QAM	15	0	21.99	0.158	22.09	0.162	22.20	0.166
3	64QAM	1	0	22.98	0.199	23.00	0.200	22.87	0.194
3	64QAM	1	8	22.89	0.195	23.16	0.207	22.89	0.195
3	64QAM	1	14	23.08	0.203	23.10	0.204	23.07	0.203
3	64QAM	8	0	21.97	0.157	22.22	0.167	22.10	0.162
3	64QAM	8	4	22.01	0.159	22.06	0.161	22.02	0.159
3	64QAM	8	7	22.02	0.159	22.00	0.158	22.11	0.163
3	64QAM	15	0	21.95	0.157	22.01	0.159	22.12	0.163



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	23.92	0.247	24.24	0.265	23.96	0.249
1.4	QPSK	1	3	23.91	0.246	23.81	0.240	23.91	0.246
1.4	QPSK	1	5	24.23	0.265	24.10	0.257	24.00	0.251
1.4	QPSK	3	0	23.10	0.204	23.05	0.202	23.11	0.205
1.4	QPSK	3	1	23.04	0.201	23.19	0.208	22.96	0.198
1.4	QPSK	3	3	22.96	0.198	22.93	0.196	23.15	0.207
1.4	QPSK	6	0	23.11	0.205	22.95	0.197	22.90	0.195
1.4	16QAM	1	0	23.27	0.212	23.27	0.212	23.02	0.200
1.4	16QAM	1	3	23.20	0.209	23.26	0.212	22.92	0.196
1.4	16QAM	1	5	23.04	0.201	23.19	0.208	22.86	0.193
1.4	16QAM	3	0	22.06	0.161	22.06	0.161	21.99	0.158
1.4	16QAM	3	1	22.31	0.170	21.99	0.158	22.17	0.165
1.4	16QAM	3	3	22.04	0.160	21.94	0.156	21.97	0.157
1.4	16QAM	6	0	22.03	0.160	22.07	0.161	22.18	0.165
1.4	64QAM	1	0	22.90	0.195	23.21	0.209	23.15	0.207
1.4	64QAM	1	3	22.85	0.193	23.13	0.206	22.87	0.194
1.4	64QAM	1	5	23.06	0.202	22.85	0.193	22.88	0.194
1.4	64QAM	3	0	22.16	0.164	22.16	0.164	22.02	0.159
1.4	64QAM	3	1	21.94	0.156	22.17	0.165	21.90	0.155
1.4	64QAM	3	3	22.02	0.159	22.12	0.163	22.13	0.163
1.4	64QAM	6	0	21.97	0.157	21.97	0.157	22.06	0.161



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	23.67	0.233	23.75	0.237	23.71	0.235
20	QPSK	1	49	23.68	0.233	23.71	0.235	23.66	0.232
20	QPSK	1	99	23.61	0.230	23.59	0.229	23.55	0.226
20	QPSK	50	0	22.86	0.193	22.95	0.197	22.63	0.183
20	QPSK	50	24	22.68	0.185	22.60	0.182	22.63	0.183
20	QPSK	50	50	22.81	0.191	22.84	0.192	22.66	0.185
20	QPSK	100	0	22.71	0.187	22.64	0.184	22.87	0.194
20	16QAM	1	0	22.69	0.186	22.72	0.187	22.87	0.194
20	16QAM	1	49	22.58	0.181	22.78	0.190	22.71	0.187
20	16QAM	1	99	22.67	0.185	22.89	0.195	22.83	0.192
20	16QAM	50	0	21.74	0.149	21.79	0.151	21.85	0.153
20	16QAM	50	24	21.78	0.151	21.68	0.147	21.56	0.143
20	16QAM	50	50	21.74	0.149	21.84	0.153	21.97	0.157
20	16QAM	100	0	21.67	0.147	21.74	0.149	21.79	0.151
20	64QAM	1	0	22.83	0.192	22.79	0.190	22.69	0.186
20	64QAM	1	49	22.65	0.184	22.83	0.192	22.62	0.183
20	64QAM	1	99	22.77	0.189	22.76	0.189	22.51	0.178
20	64QAM	50	0	21.90	0.155	21.77	0.150	21.87	0.154
20	64QAM	50	24	21.76	0.150	21.62	0.145	21.89	0.155
20	64QAM	50	50	21.58	0.144	21.77	0.150	21.63	0.146
20	64QAM	100	0	21.53	0.142	21.71	0.148	21.76	0.150



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	23.55	0.226	23.71	0.235	23.63	0.231
15	QPSK	1	37	23.59	0.229	23.54	0.226	23.61	0.230
15	QPSK	1	74	23.66	0.232	23.62	0.230	23.58	0.228
15	QPSK	36	0	22.74	0.188	22.56	0.180	22.83	0.192
15	QPSK	36	20	22.45	0.176	22.45	0.176	22.47	0.177
15	QPSK	36	39	22.72	0.187	22.82	0.191	22.78	0.190
15	QPSK	75	0	22.79	0.190	22.71	0.187	22.80	0.191
15	16QAM	1	0	22.63	0.183	22.86	0.193	22.64	0.184
15	16QAM	1	37	22.59	0.182	22.83	0.192	22.82	0.191
15	16QAM	1	74	22.50	0.178	22.74	0.188	22.68	0.185
15	16QAM	36	0	21.93	0.156	21.96	0.157	21.77	0.150
15	16QAM	36	20	21.63	0.146	21.70	0.148	21.62	0.145
15	16QAM	36	39	21.62	0.145	21.68	0.147	21.74	0.149
15	16QAM	75	0	21.55	0.143	21.68	0.147	21.49	0.141
15	64QAM	1	0	22.71	0.187	22.73	0.187	22.53	0.179
15	64QAM	1	37	22.42	0.175	22.76	0.189	22.46	0.176
15	64QAM	1	74	22.40	0.174	22.31	0.170	22.69	0.186
15	64QAM	36	0	21.74	0.149	21.53	0.142	21.84	0.153
15	64QAM	36	20	21.41	0.138	21.44	0.139	21.54	0.143
15	64QAM	36	39	21.50	0.141	21.45	0.140	21.62	0.145
15	64QAM	75	0	21.57	0.144	21.71	0.148	21.43	0.139



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	23.64	0.231	23.67	0.233	23.59	0.229
10	QPSK	1	25	23.56	0.227	23.37	0.217	23.61	0.230
10	QPSK	1	49	23.49	0.223	23.64	0.231	23.55	0.226
10	QPSK	25	0	22.61	0.182	22.83	0.192	22.75	0.188
10	QPSK	25	12	22.81	0.191	22.78	0.190	22.62	0.183
10	QPSK	25	25	22.80	0.191	22.81	0.191	22.73	0.187
10	QPSK	50	0	22.71	0.187	22.69	0.186	22.43	0.175
10	16QAM	1	0	22.69	0.186	22.70	0.186	22.89	0.195
10	16QAM	1	25	22.60	0.182	22.59	0.182	22.64	0.184
10	16QAM	1	49	22.57	0.181	22.76	0.189	22.58	0.181
10	16QAM	25	0	21.71	0.148	21.69	0.148	21.73	0.149
10	16QAM	25	12	21.86	0.153	21.58	0.144	21.52	0.142
10	16QAM	25	25	21.79	0.151	21.69	0.148	21.56	0.143
10	16QAM	50	0	21.52	0.142	21.54	0.143	21.70	0.148
10	64QAM	1	0	22.65	0.184	22.67	0.185	22.65	0.184
10	64QAM	1	25	22.34	0.171	22.66	0.185	22.43	0.175
10	64QAM	1	49	22.57	0.181	22.37	0.173	22.42	0.175
10	64QAM	25	0	21.83	0.152	21.85	0.153	21.79	0.151
10	64QAM	25	12	21.46	0.140	21.49	0.141	21.84	0.153
10	64QAM	25	25	21.31	0.135	21.55	0.143	21.61	0.145
10	64QAM	50	0	21.64	0.146	21.66	0.147	21.69	0.148



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	23.64	0.231	23.70	0.234	23.71	0.235
5	QPSK	1	12	23.52	0.225	23.63	0.231	23.65	0.232
5	QPSK	1	24	23.69	0.234	23.65	0.232	23.57	0.228
5	QPSK	12	0	22.89	0.195	22.49	0.177	22.50	0.178
5	QPSK	12	7	22.58	0.181	22.59	0.182	22.72	0.187
5	QPSK	12	13	22.52	0.179	22.68	0.185	22.70	0.186
5	QPSK	25	0	22.56	0.180	22.57	0.181	22.80	0.191
5	16QAM	1	0	22.60	0.182	22.79	0.190	22.74	0.188
5	16QAM	1	12	22.85	0.193	22.64	0.184	22.85	0.193
5	16QAM	1	24	22.63	0.183	22.60	0.182	22.49	0.177
5	16QAM	12	0	21.83	0.152	21.79	0.151	21.73	0.149
5	16QAM	12	7	21.55	0.143	21.69	0.148	21.59	0.144
5	16QAM	12	13	21.72	0.149	21.48	0.141	21.84	0.153
5	16QAM	25	0	21.56	0.143	21.68	0.147	21.52	0.142
5	64QAM	1	0	22.74	0.188	22.79	0.190	22.74	0.188
5	64QAM	1	12	22.68	0.185	22.61	0.182	22.65	0.184
5	64QAM	1	24	22.49	0.177	22.44	0.175	22.70	0.186
5	64QAM	12	0	21.63	0.146	21.57	0.144	21.56	0.143
5	64QAM	12	7	21.70	0.148	21.70	0.148	21.51	0.142
5	64QAM	12	13	21.47	0.140	21.39	0.138	21.65	0.146
5	64QAM	25	0	21.73	0.149	21.58	0.144	21.46	0.140



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	21.96	0.157	22.23	0.167	22.05	0.160
10	QPSK	1	25	22.06	0.161	22.19	0.166	22.08	0.161
10	QPSK	1	49	22.01	0.159	21.96	0.157	22.15	0.164
10	QPSK	25	0	21.06	0.128	21.20	0.132	21.08	0.128
10	QPSK	25	12	21.05	0.127	21.20	0.132	20.88	0.122
10	QPSK	25	25	21.05	0.127	21.01	0.126	21.00	0.126
10	QPSK	50	0	20.93	0.124	21.03	0.127	20.96	0.125
10	16QAM	1	0	21.11	0.129	21.27	0.134	21.04	0.127
10	16QAM	1	25	20.98	0.125	20.96	0.125	21.32	0.136
10	16QAM	1	49	20.91	0.123	20.91	0.123	20.84	0.121
10	16QAM	25	0	20.23	0.105	20.42	0.110	20.12	0.103
10	16QAM	25	12	19.96	0.099	20.34	0.108	20.27	0.106
10	16QAM	25	25	20.13	0.103	19.95	0.099	20.16	0.104
10	16QAM	50	0	20.24	0.106	20.10	0.102	20.07	0.102
10	64QAM	1	0	21.11	0.129	20.98	0.125	20.97	0.125
10	64QAM	1	25	20.95	0.124	21.16	0.131	21.06	0.128
10	64QAM	1	49	20.96	0.125	21.06	0.128	20.90	0.123
10	64QAM	25	0	20.01	0.100	20.03	0.101	19.92	0.098
10	64QAM	25	12	19.84	0.096	20.00	0.100	19.99	0.100
10	64QAM	25	25	20.08	0.102	19.86	0.097	19.89	0.097
10	64QAM	50	0	20.15	0.104	19.88	0.097	20.14	0.103



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	22.06	0.161	22.09	0.162	22.02	0.159
5	QPSK	1	12	22.05	0.160	22.01	0.159	22.07	0.161
5	QPSK	1	24	22.00	0.158	22.06	0.161	21.97	0.157
5	QPSK	12	0	21.01	0.126	21.21	0.132	20.96	0.125
5	QPSK	12	7	21.15	0.130	21.09	0.129	20.93	0.124
5	QPSK	12	13	21.20	0.132	20.97	0.125	21.24	0.133
5	QPSK	25	0	21.21	0.132	21.25	0.133	20.99	0.126
5	16QAM	1	0	21.10	0.129	21.20	0.132	21.36	0.137
5	16QAM	1	12	21.16	0.131	21.15	0.130	21.18	0.131
5	16QAM	1	24	21.07	0.128	21.10	0.129	21.17	0.131
5	16QAM	12	0	20.11	0.103	20.12	0.103	20.23	0.105
5	16QAM	12	7	20.05	0.101	20.10	0.102	20.14	0.103
5	16QAM	12	13	19.86	0.097	19.92	0.098	20.08	0.102
5	16QAM	25	0	20.07	0.102	19.93	0.098	19.96	0.099
5	64QAM	1	0	21.12	0.129	21.01	0.126	21.27	0.134
5	64QAM	1	12	20.99	0.126	20.85	0.122	20.92	0.124
5	64QAM	1	24	20.85	0.122	20.95	0.124	21.06	0.128
5	64QAM	12	0	20.17	0.104	20.22	0.105	19.99	0.100
5	64QAM	12	7	20.08	0.102	20.16	0.104	20.16	0.104
5	64QAM	12	13	19.96	0.099	19.80	0.095	20.10	0.102
5	64QAM	25	0	20.10	0.102	20.15	0.104	19.89	0.097



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	22.07	0.161	22.11	0.163	21.97	0.157
3	QPSK	1	8	22.01	0.159	21.86	0.153	22.08	0.161
3	QPSK	1	14	22.03	0.160	22.02	0.159	22.03	0.160
3	QPSK	8	0	21.29	0.135	21.09	0.129	21.06	0.128
3	QPSK	8	4	20.99	0.126	20.92	0.124	20.88	0.122
3	QPSK	8	7	20.97	0.125	21.18	0.131	21.27	0.134
3	QPSK	15	0	20.98	0.125	21.09	0.129	21.07	0.128
3	16QAM	1	0	20.98	0.125	21.32	0.136	21.25	0.133
3	16QAM	1	8	20.93	0.124	21.34	0.136	21.12	0.129
3	16QAM	1	14	21.18	0.131	21.08	0.128	21.08	0.128
3	16QAM	8	0	20.32	0.108	20.37	0.109	20.03	0.101
3	16QAM	8	4	19.92	0.098	20.09	0.102	19.98	0.100
3	16QAM	8	7	20.18	0.104	20.09	0.102	20.03	0.101
3	16QAM	15	0	20.28	0.107	20.28	0.107	20.13	0.103
3	64QAM	1	0	21.23	0.133	21.21	0.132	21.03	0.127
3	64QAM	1	8	21.01	0.126	21.08	0.128	20.99	0.126
3	64QAM	1	14	21.01	0.126	20.94	0.124	20.86	0.122
3	64QAM	8	0	20.25	0.106	20.33	0.108	20.17	0.104
3	64QAM	8	4	20.17	0.104	20.05	0.101	20.12	0.103
3	64QAM	8	7	19.95	0.099	20.02	0.100	20.15	0.104
3	64QAM	15	0	20.06	0.101	20.18	0.104	19.92	0.098



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	22.04	0.160	22.07	0.161	22.04	0.160
1.4	QPSK	1	3	22.01	0.159	22.05	0.160	21.96	0.157
1.4	QPSK	1	5	22.04	0.160	21.99	0.158	22.01	0.159
1.4	QPSK	3	0	21.01	0.126	21.08	0.128	21.19	0.132
1.4	QPSK	3	1	20.95	0.124	21.28	0.134	20.80	0.120
1.4	QPSK	3	3	21.19	0.132	20.98	0.125	21.02	0.126
1.4	QPSK	6	0	20.96	0.125	21.13	0.130	21.00	0.126
1.4	16QAM	1	0	21.14	0.130	21.03	0.127	21.32	0.136
1.4	16QAM	1	3	20.96	0.125	21.28	0.134	21.09	0.129
1.4	16QAM	1	5	20.90	0.123	21.14	0.130	21.18	0.131
1.4	16QAM	3	0	20.31	0.107	20.35	0.108	19.96	0.099
1.4	16QAM	3	1	20.18	0.104	20.33	0.108	20.16	0.104
1.4	16QAM	3	3	20.17	0.104	20.11	0.103	20.30	0.107
1.4	16QAM	6	0	20.24	0.106	20.12	0.103	20.02	0.100
1.4	64QAM	1	0	20.87	0.122	21.23	0.133	21.03	0.127
1.4	64QAM	1	3	21.06	0.128	21.18	0.131	21.12	0.129
1.4	64QAM	1	5	21.07	0.128	20.93	0.124	20.77	0.119
1.4	64QAM	3	0	20.04	0.101	20.02	0.100	20.13	0.103
1.4	64QAM	3	1	20.01	0.100	20.01	0.100	20.03	0.101
1.4	64QAM	3	3	20.08	0.102	20.02	0.100	20.13	0.103
1.4	64QAM	6	0	20.14	0.103	19.85	0.097	20.07	0.102



LTE Band 13				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				/		23230		/	
Frequency (MHz)				/		782		/	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	/	/	21.51	0.142	/	/
10	QPSK	1	25	/	/	21.36	0.137	/	/
10	QPSK	1	49	/	/	21.32	0.136	/	/
10	QPSK	25	0	/	/	20.34	0.108	/	/
10	QPSK	25	12	/	/	20.32	0.108	/	/
10	QPSK	25	25	/	/	20.54	0.113	/	/
10	QPSK	50	0	/	/	20.34	0.108	/	/
10	16QAM	1	0	/	/	20.30	0.107	/	/
10	16QAM	1	25	/	/	20.41	0.110	/	/
10	16QAM	1	49	/	/	20.53	0.113	/	/
10	16QAM	25	0	/	/	19.49	0.089	/	/
10	16QAM	25	12	/	/	19.48	0.089	/	/
10	16QAM	25	25	/	/	19.28	0.085	/	/
10	16QAM	50	0	/	/	19.43	0.088	/	/
10	64QAM	1	0	/	/	20.34	0.108	/	/
10	64QAM	1	25	/	/	20.49	0.112	/	/
10	64QAM	1	49	/	/	20.19	0.104	/	/
10	64QAM	25	0	/	/	19.62	0.092	/	/
10	64QAM	25	12	/	/	19.19	0.083	/	/
10	64QAM	25	25	/	/	19.36	0.086	/	/
10	64QAM	50	0	/	/	19.15	0.082	/	/



LTE Band 13				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23205		23230		23255	
Frequency (MHz)				779.5		782		784.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	21.38	0.137	21.48	0.141	21.45	0.140
5	QPSK	1	12	21.26	0.134	21.45	0.140	21.37	0.137
5	QPSK	1	24	21.30	0.135	21.41	0.138	21.34	0.136
5	QPSK	12	0	20.51	0.112	20.45	0.111	20.28	0.107
5	QPSK	12	7	20.53	0.113	20.38	0.109	20.17	0.104
5	QPSK	12	13	20.30	0.107	20.63	0.116	20.29	0.107
5	QPSK	25	0	20.55	0.114	20.22	0.105	20.46	0.111
5	16QAM	1	0	20.28	0.107	20.38	0.109	20.59	0.115
5	16QAM	1	12	20.50	0.112	20.43	0.110	20.37	0.109
5	16QAM	1	24	20.19	0.104	20.42	0.110	20.19	0.104
5	16QAM	12	0	19.28	0.085	19.49	0.089	19.30	0.085
5	16QAM	12	7	19.40	0.087	19.49	0.089	19.32	0.086
5	16QAM	12	13	19.38	0.087	19.25	0.084	19.57	0.091
5	16QAM	25	0	19.30	0.085	19.21	0.083	19.21	0.083
5	64QAM	1	0	20.26	0.106	20.39	0.109	20.53	0.113
5	64QAM	1	12	20.17	0.104	20.45	0.111	20.23	0.105
5	64QAM	1	24	20.44	0.111	20.10	0.102	20.10	0.102
5	64QAM	12	0	19.31	0.085	19.38	0.087	19.57	0.091
5	64QAM	12	7	19.09	0.081	19.45	0.088	19.34	0.086
5	64QAM	12	13	19.16	0.082	19.31	0.085	19.15	0.082
5	64QAM	25	0	19.26	0.084	19.31	0.085	19.25	0.084



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	22.19	0.166	22.20	0.166	22.15	0.164
10	QPSK	1	25	22.13	0.163	22.05	0.160	22.18	0.165
10	QPSK	1	49	22.14	0.164	22.18	0.165	22.13	0.163
10	QPSK	25	0	21.27	0.134	21.31	0.135	21.19	0.132
10	QPSK	25	12	21.06	0.128	21.20	0.132	20.98	0.125
10	QPSK	25	25	21.19	0.132	21.34	0.136	21.30	0.135
10	QPSK	50	0	21.03	0.127	21.15	0.130	20.98	0.125
10	16QAM	1	0	21.25	0.133	21.15	0.130	21.27	0.134
10	16QAM	1	25	21.17	0.131	21.10	0.129	21.29	0.135
10	16QAM	1	49	20.98	0.125	20.91	0.123	21.20	0.132
10	16QAM	25	0	20.27	0.106	20.40	0.110	20.06	0.101
10	16QAM	25	12	20.15	0.104	20.34	0.108	20.03	0.101
10	16QAM	25	25	20.14	0.103	20.08	0.102	20.32	0.108
10	16QAM	50	0	20.24	0.106	19.96	0.099	20.05	0.101
10	64QAM	1	0	21.04	0.127	21.07	0.128	21.16	0.131
10	64QAM	1	25	20.99	0.126	20.99	0.126	20.87	0.122
10	64QAM	1	49	20.76	0.119	20.91	0.123	20.91	0.123
10	64QAM	25	0	20.28	0.107	20.15	0.104	19.99	0.100
10	64QAM	25	12	19.95	0.099	19.97	0.099	20.00	0.100
10	64QAM	25	25	19.88	0.097	20.00	0.100	20.16	0.104
10	64QAM	50	0	19.86	0.097	19.92	0.098	19.84	0.096



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	21.92	0.156	22.18	0.165	22.11	0.163
5	QPSK	1	12	22.03	0.160	21.93	0.156	22.13	0.163
5	QPSK	1	24	21.88	0.154	22.01	0.159	22.10	0.162
5	QPSK	12	0	21.16	0.131	21.03	0.127	21.25	0.133
5	QPSK	12	7	21.08	0.128	21.07	0.128	20.84	0.121
5	QPSK	12	13	21.06	0.128	20.94	0.124	21.27	0.134
5	QPSK	25	0	20.90	0.123	20.89	0.123	21.03	0.127
5	16QAM	1	0	21.20	0.132	21.13	0.130	21.27	0.134
5	16QAM	1	12	21.09	0.129	21.32	0.136	21.13	0.130
5	16QAM	1	24	21.10	0.129	21.27	0.134	20.97	0.125
5	16QAM	12	0	20.10	0.102	20.36	0.109	20.32	0.108
5	16QAM	12	7	20.18	0.104	20.02	0.100	20.13	0.103
5	16QAM	12	13	20.04	0.101	20.16	0.104	20.17	0.104
5	16QAM	25	0	20.20	0.105	20.12	0.103	20.02	0.100
5	64QAM	1	0	21.07	0.128	20.86	0.122	20.89	0.123
5	64QAM	1	12	21.00	0.126	21.13	0.130	21.15	0.130
5	64QAM	1	24	20.81	0.121	20.88	0.122	20.96	0.125
5	64QAM	12	0	19.97	0.099	20.25	0.106	19.94	0.099
5	64QAM	12	7	19.85	0.097	20.19	0.104	20.08	0.102
5	64QAM	12	13	20.04	0.101	20.02	0.100	19.84	0.096
5	64QAM	25	0	19.99	0.100	19.88	0.097	19.80	0.095



LTE Band 25				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26140		26365		26590	
Frequency (MHz)				1860		1882.5		1905	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	26.48	0.445	26.55	0.452	26.50	0.447
20	QPSK	1	49	26.43	0.440	26.09	0.406	26.43	0.440
20	QPSK	1	99	26.28	0.425	26.23	0.420	26.27	0.424
20	QPSK	50	0	25.34	0.342	25.55	0.359	25.25	0.335
20	QPSK	50	24	25.16	0.328	25.27	0.337	25.16	0.328
20	QPSK	50	50	25.50	0.355	25.39	0.346	25.46	0.352
20	QPSK	100	0	25.17	0.329	25.32	0.340	25.21	0.332
20	16QAM	1	0	25.46	0.352	25.60	0.363	25.58	0.361
20	16QAM	1	49	25.46	0.352	25.37	0.344	25.38	0.345
20	16QAM	1	99	25.35	0.343	25.31	0.340	25.35	0.343
20	16QAM	50	0	24.39	0.275	24.33	0.271	24.34	0.272
20	16QAM	50	24	24.19	0.262	24.51	0.282	24.35	0.272
20	16QAM	50	50	24.37	0.274	24.49	0.281	24.51	0.282
20	16QAM	100	0	24.49	0.281	24.27	0.267	24.36	0.273
20	64QAM	1	0	25.43	0.349	25.19	0.330	25.27	0.337
20	64QAM	1	49	25.12	0.325	25.12	0.325	25.31	0.340
20	64QAM	1	99	25.03	0.318	25.05	0.320	25.00	0.316
20	64QAM	50	0	24.43	0.277	24.47	0.280	24.25	0.266
20	64QAM	50	24	24.29	0.269	24.13	0.259	24.49	0.281
20	64QAM	50	50	24.07	0.255	24.03	0.253	24.30	0.269
20	64QAM	100	0	24.18	0.262	24.03	0.253	24.04	0.254



LTE Band 25				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26115		26365		26615	
Frequency (MHz)				1857.5		1882.5		1907.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	26.22	0.419	26.44	0.441	26.41	0.438
15	QPSK	1	37	26.21	0.418	26.16	0.413	26.16	0.413
15	QPSK	1	74	26.34	0.431	26.44	0.441	26.42	0.439
15	QPSK	36	0	25.23	0.333	25.28	0.337	25.30	0.339
15	QPSK	36	20	25.21	0.332	25.34	0.342	25.15	0.327
15	QPSK	36	39	25.26	0.336	25.30	0.339	25.35	0.343
15	QPSK	75	0	25.18	0.330	25.25	0.335	25.09	0.323
15	16QAM	1	0	25.29	0.338	25.43	0.349	25.57	0.361
15	16QAM	1	37	25.45	0.351	25.32	0.340	25.50	0.355
15	16QAM	1	74	25.08	0.322	25.29	0.338	25.17	0.329
15	16QAM	36	0	24.57	0.286	24.39	0.275	24.46	0.279
15	16QAM	36	20	24.33	0.271	24.51	0.282	24.14	0.259
15	16QAM	36	39	24.13	0.259	24.36	0.273	24.39	0.275
15	16QAM	75	0	24.23	0.265	24.41	0.276	24.10	0.257
15	64QAM	1	0	25.36	0.344	25.39	0.346	25.14	0.327
15	64QAM	1	37	25.22	0.333	25.14	0.327	25.19	0.330
15	64QAM	1	74	25.09	0.323	25.13	0.326	25.29	0.338
15	64QAM	36	0	24.32	0.270	24.39	0.275	24.15	0.260
15	64QAM	36	20	24.30	0.269	24.31	0.270	24.31	0.270
15	64QAM	36	39	24.24	0.265	24.17	0.261	24.12	0.258
15	64QAM	75	0	24.17	0.261	24.15	0.260	24.38	0.274



LTE Band 25				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26090		26365		26640	
Frequency (MHz)				1855		1882.5		1910	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	26.39	0.436	26.45	0.442	26.27	0.424
10	QPSK	1	25	26.22	0.419	26.27	0.424	26.31	0.428
10	QPSK	1	49	26.36	0.433	26.14	0.411	26.44	0.441
10	QPSK	25	0	25.56	0.360	25.44	0.350	25.39	0.346
10	QPSK	25	12	25.20	0.331	25.19	0.330	25.36	0.344
10	QPSK	25	25	25.47	0.352	25.41	0.348	25.37	0.344
10	QPSK	50	0	25.22	0.333	25.41	0.348	25.41	0.348
10	16QAM	1	0	25.32	0.340	25.32	0.340	25.55	0.359
10	16QAM	1	25	25.42	0.348	25.23	0.333	25.45	0.351
10	16QAM	1	49	25.28	0.337	25.14	0.327	25.36	0.344
10	16QAM	25	0	24.59	0.288	24.45	0.279	24.30	0.269
10	16QAM	25	12	24.45	0.279	24.42	0.277	24.14	0.259
10	16QAM	25	25	24.14	0.259	24.41	0.276	24.42	0.277
10	16QAM	50	0	24.46	0.279	24.19	0.262	24.33	0.271
10	64QAM	1	0	25.12	0.325	25.34	0.342	25.37	0.344
10	64QAM	1	25	25.26	0.336	25.12	0.325	25.04	0.319
10	64QAM	1	49	25.07	0.321	24.95	0.313	25.18	0.330
10	64QAM	25	0	24.23	0.265	24.48	0.281	24.27	0.267
10	64QAM	25	12	24.12	0.258	24.15	0.260	24.22	0.264
10	64QAM	25	25	24.10	0.257	24.18	0.262	24.32	0.270
10	64QAM	50	0	24.47	0.280	24.08	0.256	24.32	0.270



LTE Band 25				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26065		26365		26665	
Frequency (MHz)				1852.5		1882.5		1912.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	26.31	0.428	26.47	0.444	26.45	0.442
5	QPSK	1	12	26.39	0.436	26.11	0.408	26.14	0.411
5	QPSK	1	24	26.17	0.414	26.18	0.415	26.45	0.442
5	QPSK	12	0	25.57	0.361	25.33	0.341	25.42	0.348
5	QPSK	12	7	25.20	0.331	25.16	0.328	25.14	0.327
5	QPSK	12	13	25.19	0.330	25.46	0.352	25.49	0.354
5	QPSK	25	0	25.10	0.324	25.42	0.348	25.24	0.334
5	16QAM	1	0	25.26	0.336	25.58	0.361	25.37	0.344
5	16QAM	1	12	25.19	0.330	25.43	0.349	25.33	0.341
5	16QAM	1	24	25.40	0.347	25.50	0.355	25.27	0.337
5	16QAM	12	0	24.20	0.263	24.44	0.278	24.49	0.281
5	16QAM	12	7	24.48	0.281	24.32	0.270	24.18	0.262
5	16QAM	12	13	24.34	0.272	24.13	0.259	24.33	0.271
5	16QAM	25	0	24.16	0.261	24.39	0.275	24.47	0.280
5	64QAM	1	0	25.10	0.324	25.21	0.332	25.23	0.333
5	64QAM	1	12	25.02	0.318	25.37	0.344	25.20	0.331
5	64QAM	1	24	25.26	0.336	25.07	0.321	25.20	0.331
5	64QAM	12	0	24.26	0.267	24.20	0.263	24.16	0.261
5	64QAM	12	7	24.39	0.275	24.20	0.263	24.52	0.283
5	64QAM	12	13	24.31	0.270	24.13	0.259	24.36	0.273
5	64QAM	25	0	24.16	0.261	24.13	0.259	24.18	0.262



LTE Band 25				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26055		26365		26675	
Frequency (MHz)				1851.5		1882.5		1913.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	26.39	0.436	26.52	0.449	26.41	0.438
3	QPSK	1	8	26.23	0.420	26.19	0.416	26.29	0.426
3	QPSK	1	14	26.33	0.430	26.32	0.429	26.39	0.436
3	QPSK	8	0	25.32	0.340	25.41	0.348	25.16	0.328
3	QPSK	8	4	25.29	0.338	25.11	0.324	25.16	0.328
3	QPSK	8	7	25.48	0.353	25.37	0.344	25.37	0.344
3	QPSK	15	0	25.32	0.340	25.28	0.337	25.13	0.326
3	16QAM	1	0	25.22	0.333	25.53	0.357	25.20	0.331
3	16QAM	1	8	25.35	0.343	25.18	0.330	25.50	0.355
3	16QAM	1	14	25.36	0.344	25.35	0.343	25.21	0.332
3	16QAM	8	0	24.43	0.277	24.35	0.272	24.32	0.270
3	16QAM	8	4	24.20	0.263	24.51	0.282	24.34	0.272
3	16QAM	8	7	24.26	0.267	24.32	0.270	24.31	0.270
3	16QAM	15	0	24.29	0.269	24.42	0.277	24.14	0.259
3	64QAM	1	0	25.43	0.349	25.08	0.322	25.37	0.344
3	64QAM	1	8	25.24	0.334	25.04	0.319	25.41	0.348
3	64QAM	1	14	25.18	0.330	25.24	0.334	25.32	0.340
3	64QAM	8	0	24.29	0.269	24.30	0.269	24.31	0.270
3	64QAM	8	4	24.29	0.269	24.37	0.274	24.15	0.260
3	64QAM	8	7	24.26	0.267	24.01	0.252	24.18	0.262
3	64QAM	15	0	24.43	0.277	24.14	0.259	24.02	0.252



LTE Band 25				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26047		26365		26683	
Frequency (MHz)				1850.7		1882.5		1914.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	26.39	0.436	26.49	0.446	26.35	0.432
1.4	QPSK	1	3	26.45	0.442	26.41	0.438	26.34	0.431
1.4	QPSK	1	5	26.36	0.433	26.44	0.441	26.22	0.419
1.4	QPSK	3	0	25.39	0.346	25.55	0.359	25.53	0.357
1.4	QPSK	3	1	25.47	0.352	25.30	0.339	25.18	0.330
1.4	QPSK	3	3	25.18	0.330	25.20	0.331	25.19	0.330
1.4	QPSK	6	0	25.39	0.346	25.38	0.345	25.14	0.327
1.4	16QAM	1	0	25.52	0.356	25.60	0.363	25.42	0.348
1.4	16QAM	1	3	25.11	0.324	25.40	0.347	25.25	0.335
1.4	16QAM	1	5	25.41	0.348	25.22	0.333	25.30	0.339
1.4	16QAM	3	0	24.56	0.286	24.37	0.274	24.26	0.267
1.4	16QAM	3	1	24.30	0.269	24.23	0.265	24.39	0.275
1.4	16QAM	3	3	24.15	0.260	24.22	0.264	24.47	0.280
1.4	16QAM	6	0	24.44	0.278	24.54	0.284	24.10	0.257
1.4	64QAM	1	0	25.18	0.330	25.36	0.344	25.12	0.325
1.4	64QAM	1	3	25.00	0.316	25.12	0.325	25.33	0.341
1.4	64QAM	1	5	24.99	0.316	25.25	0.335	25.22	0.333
1.4	64QAM	3	0	24.44	0.278	24.38	0.274	24.49	0.281
1.4	64QAM	3	1	24.40	0.275	24.33	0.271	24.22	0.264
1.4	64QAM	3	3	24.21	0.264	24.13	0.259	24.18	0.262
1.4	64QAM	6	0	24.11	0.258	24.18	0.262	24.01	0.252



LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26865		26915		26965	
Frequency (MHz)				831.5		836.5		841.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	24.25	0.266	24.75	0.299	24.12	0.258
15	QPSK	1	37	23.92	0.247	24.76	0.299	23.94	0.248
15	QPSK	1	74	23.91	0.246	24.65	0.292	23.93	0.247
15	QPSK	36	0	23.17	0.207	24.13	0.259	23.29	0.213
15	QPSK	36	20	23.08	0.203	24.22	0.264	23.16	0.207
15	QPSK	36	39	23.11	0.205	24.14	0.259	23.26	0.212
15	QPSK	75	0	23.16	0.207	24.12	0.258	22.88	0.194
15	16QAM	1	0	23.01	0.200	23.83	0.242	23.11	0.205
15	16QAM	1	37	23.25	0.211	23.85	0.243	23.10	0.204
15	16QAM	1	74	23.21	0.209	23.90	0.245	23.19	0.208
15	16QAM	36	0	22.38	0.173	24.18	0.262	22.01	0.159
15	16QAM	36	20	22.22	0.167	24.11	0.258	22.12	0.163
15	16QAM	36	39	22.03	0.160	24.26	0.267	22.21	0.166
15	16QAM	75	0	22.14	0.164	23.81	0.240	22.00	0.158
15	64QAM	1	0	22.92	0.196	23.63	0.231	23.19	0.208
15	64QAM	1	37	23.01	0.200	23.49	0.223	22.95	0.197
15	64QAM	1	74	22.96	0.198	23.42	0.220	22.86	0.193
15	64QAM	36	0	22.20	0.166	23.66	0.232	22.21	0.166
15	64QAM	36	20	22.21	0.166	23.29	0.213	22.18	0.165
15	64QAM	36	39	22.08	0.161	23.72	0.236	22.11	0.163
15	64QAM	75	0	21.94	0.156	23.67	0.233	21.98	0.158



LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26840		26915		26990	
Frequency (MHz)				829.0		836.5		844.0	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	24.75	0.299	24.77	0.300	24.08	0.256
10	QPSK	1	25	24.76	0.299	24.68	0.294	24.01	0.252
10	QPSK	1	49	24.65	0.292	24.69	0.294	24.06	0.255
10	QPSK	25	0	24.13	0.259	24.07	0.255	23.09	0.204
10	QPSK	25	12	24.22	0.264	24.21	0.264	23.01	0.200
10	QPSK	25	25	24.14	0.259	24.17	0.261	23.23	0.210
10	QPSK	50	0	24.12	0.258	24.11	0.258	22.89	0.195
10	16QAM	1	0	23.83	0.242	23.86	0.243	23.34	0.216
10	16QAM	1	25	23.85	0.243	23.92	0.247	23.26	0.212
10	16QAM	1	49	23.90	0.245	23.92	0.247	22.93	0.196
10	16QAM	25	0	24.18	0.262	24.20	0.263	22.04	0.160
10	16QAM	25	12	24.11	0.258	24.12	0.258	22.24	0.167
10	16QAM	25	25	24.26	0.267	24.21	0.264	22.00	0.158
10	16QAM	50	0	23.81	0.240	23.81	0.240	21.91	0.155
10	64QAM	1	0	23.63	0.231	23.57	0.228	23.00	0.200
10	64QAM	1	25	23.49	0.223	23.51	0.224	23.09	0.204
10	64QAM	1	49	23.42	0.220	23.46	0.222	22.88	0.194
10	64QAM	25	0	23.66	0.232	23.68	0.233	22.05	0.160
10	64QAM	25	12	23.29	0.213	23.29	0.213	22.21	0.166
10	64QAM	25	25	23.72	0.236	23.71	0.235	22.17	0.165
10	64QAM	50	0	23.67	0.233	23.68	0.233	22.06	0.161



LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26815		26915		27015	
Frequency (MHz)				826.5		836.5		846.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	24.75	0.299	24.77	0.300	24.04	0.254
5	QPSK	1	12	24.76	0.299	24.68	0.294	23.94	0.248
5	QPSK	1	24	24.65	0.292	24.69	0.294	24.08	0.256
5	QPSK	12	0	24.13	0.259	24.07	0.255	23.14	0.206
5	QPSK	12	7	24.22	0.264	24.21	0.264	23.00	0.200
5	QPSK	12	13	24.14	0.259	24.17	0.261	22.91	0.195
5	QPSK	25	0	24.12	0.258	24.11	0.258	23.24	0.211
5	16QAM	1	0	23.83	0.242	23.86	0.243	23.22	0.210
5	16QAM	1	12	23.85	0.243	23.92	0.247	22.94	0.197
5	16QAM	1	24	23.90	0.245	23.92	0.247	22.82	0.191
5	16QAM	12	0	24.18	0.262	24.20	0.263	22.15	0.164
5	16QAM	12	7	24.11	0.258	24.12	0.258	22.04	0.160
5	16QAM	12	13	24.26	0.267	24.21	0.264	22.19	0.166
5	16QAM	25	0	23.81	0.240	23.81	0.240	21.92	0.156
5	64QAM	1	0	23.63	0.231	23.57	0.228	23.24	0.211
5	64QAM	1	12	23.49	0.223	23.51	0.224	23.04	0.201
5	64QAM	1	24	23.42	0.220	23.46	0.222	22.99	0.199
5	64QAM	12	0	23.66	0.232	23.68	0.233	22.01	0.159
5	64QAM	12	7	23.29	0.213	23.29	0.213	21.92	0.156
5	64QAM	12	13	23.72	0.236	23.71	0.235	22.11	0.163
5	64QAM	25	0	23.67	0.233	23.68	0.233	21.85	0.153



LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26805		26915		27025	
Frequency (MHz)				825.5		836.5		847.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	24.75	0.299	24.77	0.300	24.03	0.253
3	QPSK	1	8	24.76	0.299	24.68	0.294	24.01	0.252
3	QPSK	1	14	24.65	0.292	24.69	0.294	23.90	0.245
3	QPSK	8	0	24.13	0.259	24.07	0.255	23.09	0.204
3	QPSK	8	4	24.22	0.264	24.21	0.264	23.08	0.203
3	QPSK	8	7	24.14	0.259	24.17	0.261	23.01	0.200
3	QPSK	15	0	24.12	0.258	24.11	0.258	22.92	0.196
3	16QAM	1	0	23.83	0.242	23.86	0.243	23.31	0.214
3	16QAM	1	8	23.85	0.243	23.92	0.247	22.93	0.196
3	16QAM	1	14	23.90	0.245	23.92	0.247	23.14	0.206
3	16QAM	8	0	24.18	0.262	24.20	0.263	22.18	0.165
3	16QAM	8	4	24.11	0.258	24.12	0.258	22.25	0.168
3	16QAM	8	7	24.26	0.267	24.21	0.264	22.26	0.168
3	16QAM	15	0	23.81	0.240	23.81	0.240	22.09	0.162
3	64QAM	1	0	23.63	0.231	23.57	0.228	23.03	0.201
3	64QAM	1	8	23.49	0.223	23.51	0.224	22.98	0.199
3	64QAM	1	14	23.42	0.220	23.46	0.222	22.98	0.199
3	64QAM	8	0	23.66	0.232	23.68	0.233	21.95	0.157
3	64QAM	8	4	23.29	0.213	23.29	0.213	21.90	0.155
3	64QAM	8	7	23.72	0.236	23.71	0.235	21.86	0.153
3	64QAM	15	0	23.67	0.233	23.68	0.233	22.06	0.161



LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26797		26915		27033	
Frequency (MHz)				824.7		836.5		848.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	24.75	0.299	24.77	0.300	24.07	0.255
1.4	QPSK	1	3	24.76	0.299	24.68	0.294	23.92	0.247
1.4	QPSK	1	5	24.65	0.292	24.69	0.294	24.07	0.255
1.4	QPSK	3	0	24.13	0.259	24.07	0.255	23.02	0.200
1.4	QPSK	3	1	24.22	0.264	24.21	0.264	22.91	0.195
1.4	QPSK	3	3	24.14	0.259	24.17	0.261	23.24	0.211
1.4	QPSK	6	0	24.12	0.258	24.11	0.258	23.05	0.202
1.4	16QAM	1	0	23.83	0.242	23.86	0.243	23.02	0.200
1.4	16QAM	1	3	23.85	0.243	23.92	0.247	23.15	0.207
1.4	16QAM	1	5	23.90	0.245	23.92	0.247	22.85	0.193
1.4	16QAM	3	0	24.18	0.262	24.20	0.263	22.20	0.166
1.4	16QAM	3	1	24.11	0.258	24.12	0.258	22.17	0.165
1.4	16QAM	3	3	24.26	0.267	24.21	0.264	22.18	0.165
1.4	16QAM	6	0	23.81	0.240	23.81	0.240	22.01	0.159
1.4	64QAM	1	0	23.63	0.231	23.57	0.228	23.26	0.212
1.4	64QAM	1	3	23.49	0.223	23.51	0.224	23.08	0.203
1.4	64QAM	1	5	23.42	0.220	23.46	0.222	23.12	0.205
1.4	64QAM	3	0	23.66	0.232	23.68	0.233	22.26	0.168
1.4	64QAM	3	1	23.29	0.213	23.29	0.213	22.23	0.167
1.4	64QAM	3	3	23.72	0.236	23.71	0.235	21.90	0.155
1.4	64QAM	6	0	23.67	0.233	23.68	0.233	22.06	0.161



LTE Band 30				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				/		27710		/	
Frequency (MHz)				/		2310		/	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	/	/	26.30	0.427	/	/
10	QPSK	1	25	/	/	26.20	0.417	/	/
10	QPSK	1	49	/	/	26.13	0.410	/	/
10	QPSK	25	0	/	/	25.46	0.352	/	/
10	QPSK	25	12	/	/	25.41	0.348	/	/
10	QPSK	25	25	/	/	25.35	0.343	/	/
10	QPSK	50	0	/	/	25.38	0.345	/	/
10	16QAM	1	0	/	/	25.47	0.352	/	/
10	16QAM	1	25	/	/	25.40	0.347	/	/
10	16QAM	1	49	/	/	25.33	0.341	/	/
10	16QAM	25	0	/	/	24.60	0.288	/	/
10	16QAM	25	12	/	/	24.51	0.282	/	/
10	16QAM	25	25	/	/	24.53	0.284	/	/
10	16QAM	50	0	/	/	24.49	0.281	/	/
10	64QAM	1	0	/	/	25.41	0.348	/	/
10	64QAM	1	25	/	/	25.31	0.340	/	/
10	64QAM	1	49	/	/	25.32	0.340	/	/
10	64QAM	25	0	/	/	24.56	0.286	/	/
10	64QAM	25	12	/	/	24.47	0.280	/	/
10	64QAM	25	25	/	/	24.50	0.282	/	/
10	64QAM	50	0	/	/	24.43	0.277	/	/



LTE Band 30				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				27685		27710		27735	
Frequency (MHz)				2307.5		2310		2312.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	26.08	0.406	26.23	0.420	26.20	0.417
5	QPSK	1	12	26.22	0.419	26.16	0.413	26.16	0.413
5	QPSK	1	24	26.13	0.410	26.19	0.416	26.14	0.411
5	QPSK	12	0	25.43	0.349	25.25	0.335	25.20	0.331
5	QPSK	12	7	24.96	0.313	25.36	0.344	25.18	0.330
5	QPSK	12	13	25.00	0.316	25.24	0.334	25.16	0.328
5	QPSK	25	0	25.35	0.343	25.13	0.326	25.27	0.337
5	16QAM	1	0	25.19	0.330	25.23	0.333	25.29	0.338
5	16QAM	1	12	25.25	0.335	25.09	0.323	25.05	0.320
5	16QAM	1	24	25.20	0.331	25.07	0.321	25.26	0.336
5	16QAM	12	0	24.07	0.255	24.23	0.265	24.25	0.266
5	16QAM	12	7	24.16	0.261	24.05	0.254	24.17	0.261
5	16QAM	12	13	24.15	0.260	24.19	0.262	24.04	0.254
5	16QAM	25	0	24.02	0.252	24.05	0.254	24.09	0.256
5	64QAM	1	0	25.09	0.323	25.23	0.333	25.25	0.335
5	64QAM	1	12	25.16	0.328	25.07	0.321	25.07	0.321
5	64QAM	1	24	25.01	0.317	25.02	0.318	25.15	0.327
5	64QAM	12	0	24.06	0.255	24.24	0.265	24.25	0.266
5	64QAM	12	7	23.97	0.249	24.21	0.264	24.36	0.273
5	64QAM	12	13	24.01	0.252	24.03	0.253	24.26	0.267
5	64QAM	25	0	23.93	0.247	24.12	0.258	24.18	0.262



LTE Band 38				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				37850		38000		38150	
Frequency (MHz)				2580		2595		2610	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	25.18	0.330	25.30	0.339	25.24	0.334
20	QPSK	1	49	25.22	0.333	25.11	0.324	25.21	0.332
20	QPSK	1	99	25.12	0.325	25.24	0.334	25.27	0.337
20	QPSK	50	0	24.38	0.274	24.17	0.261	24.20	0.263
20	QPSK	50	24	24.09	0.256	24.37	0.274	24.10	0.257
20	QPSK	50	50	24.26	0.267	24.13	0.259	24.08	0.256
20	QPSK	100	0	24.20	0.263	24.17	0.261	24.02	0.252
20	16QAM	1	0	24.38	0.274	24.43	0.277	24.43	0.277
20	16QAM	1	49	24.16	0.261	24.16	0.261	24.35	0.272
20	16QAM	1	99	24.28	0.268	24.02	0.252	24.07	0.255
20	16QAM	50	0	23.38	0.218	23.18	0.208	23.28	0.213
20	16QAM	50	24	23.06	0.202	23.45	0.221	23.23	0.210
20	16QAM	50	50	23.24	0.211	23.19	0.208	23.03	0.201
20	16QAM	100	0	23.18	0.208	23.08	0.203	23.13	0.206
20	64QAM	1	0	24.19	0.262	24.08	0.256	24.14	0.259
20	64QAM	1	49	24.02	0.252	24.13	0.259	24.29	0.269
20	64QAM	1	99	24.17	0.261	24.00	0.251	24.22	0.264
20	64QAM	50	0	22.99	0.199	23.13	0.206	23.32	0.215
20	64QAM	50	24	22.97	0.198	23.15	0.207	23.35	0.216
20	64QAM	50	50	23.16	0.207	23.11	0.205	22.95	0.197
20	64QAM	100	0	22.99	0.199	23.10	0.204	22.95	0.197



LTE Band 38				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				37825		38000		38175	
Frequency (MHz)				2577.5		2595		2612.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	25.09	0.323	25.27	0.337	25.20	0.331
15	QPSK	1	37	25.22	0.333	25.11	0.324	25.24	0.334
15	QPSK	1	74	25.13	0.326	25.25	0.335	25.17	0.329
15	QPSK	36	0	24.43	0.277	24.08	0.256	24.32	0.270
15	QPSK	36	20	24.06	0.255	24.30	0.269	24.01	0.252
15	QPSK	36	39	24.12	0.258	24.41	0.276	24.10	0.257
15	QPSK	75	0	24.11	0.258	24.14	0.259	23.99	0.251
15	16QAM	1	0	24.36	0.273	24.39	0.275	24.38	0.274
15	16QAM	1	37	24.31	0.270	24.29	0.269	24.39	0.275
15	16QAM	1	74	24.06	0.255	24.05	0.254	23.99	0.251
15	16QAM	36	0	23.17	0.207	23.50	0.224	23.08	0.203
15	16QAM	36	20	23.31	0.214	23.07	0.203	23.33	0.215
15	16QAM	36	39	23.05	0.202	23.01	0.200	23.24	0.211
15	16QAM	75	0	23.21	0.209	23.12	0.205	23.17	0.207
15	64QAM	1	0	24.07	0.255	24.06	0.255	24.36	0.273
15	64QAM	1	37	23.92	0.247	24.03	0.253	24.15	0.260
15	64QAM	1	74	24.17	0.261	23.96	0.249	23.92	0.247
15	64QAM	36	0	23.21	0.209	23.30	0.214	23.31	0.214
15	64QAM	36	20	23.26	0.212	23.02	0.200	23.21	0.209
15	64QAM	36	39	22.89	0.195	22.99	0.199	23.12	0.205
15	64QAM	75	0	23.16	0.207	22.98	0.199	23.07	0.203



LTE Band 38				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				37800		38000		38200	
Frequency (MHz)				2575		2595		2615	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	25.25	0.335	25.28	0.337	25.18	0.330
10	QPSK	1	25	25.18	0.330	25.18	0.330	25.12	0.325
10	QPSK	1	49	25.21	0.332	25.05	0.320	25.18	0.330
10	QPSK	25	0	24.30	0.269	24.14	0.259	24.13	0.259
10	QPSK	25	12	24.18	0.262	24.14	0.259	24.16	0.261
10	QPSK	25	25	24.13	0.259	24.29	0.269	24.03	0.253
10	QPSK	50	0	24.12	0.258	23.97	0.249	24.35	0.272
10	16QAM	1	0	24.04	0.254	24.28	0.268	24.22	0.264
10	16QAM	1	25	24.08	0.256	24.20	0.263	24.11	0.258
10	16QAM	1	49	24.06	0.255	24.31	0.270	24.10	0.257
10	16QAM	25	0	23.31	0.214	23.23	0.210	23.16	0.207
10	16QAM	25	12	23.11	0.205	23.29	0.213	23.29	0.213
10	16QAM	25	25	23.30	0.214	23.00	0.200	23.29	0.213
10	16QAM	50	0	23.11	0.205	23.29	0.213	23.32	0.215
10	64QAM	1	0	24.29	0.269	24.01	0.252	24.07	0.255
10	64QAM	1	25	24.23	0.265	24.02	0.252	23.93	0.247
10	64QAM	1	49	24.11	0.258	24.09	0.256	24.23	0.265
10	64QAM	25	0	23.19	0.208	23.16	0.207	23.16	0.207
10	64QAM	25	12	23.24	0.211	23.06	0.202	23.34	0.216
10	64QAM	25	25	22.83	0.192	22.97	0.198	23.11	0.205
10	64QAM	50	0	23.02	0.200	23.14	0.206	23.05	0.202



LTE Band 38				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				37775		38000		38225	
Frequency (MHz)				2572.5		2595		2617.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	25.15	0.327	25.29	0.338	25.24	0.334
5	QPSK	1	12	25.14	0.327	25.06	0.321	25.07	0.321
5	QPSK	1	24	24.99	0.316	25.22	0.333	24.97	0.314
5	QPSK	12	0	24.28	0.268	24.06	0.255	24.06	0.255
5	QPSK	12	7	24.20	0.263	24.30	0.269	24.20	0.263
5	QPSK	12	13	24.13	0.259	24.10	0.257	24.27	0.267
5	QPSK	25	0	23.98	0.250	24.29	0.269	24.35	0.272
5	16QAM	1	0	24.35	0.272	24.44	0.278	24.08	0.256
5	16QAM	1	12	24.28	0.268	24.39	0.275	24.25	0.266
5	16QAM	1	24	24.12	0.258	23.99	0.251	24.09	0.256
5	16QAM	12	0	23.19	0.208	23.20	0.209	23.27	0.212
5	16QAM	12	7	23.22	0.210	23.10	0.204	23.15	0.207
5	16QAM	12	13	23.05	0.202	23.13	0.206	23.41	0.219
5	16QAM	25	0	23.14	0.206	23.21	0.209	23.15	0.207
5	64QAM	1	0	24.29	0.269	24.32	0.270	24.04	0.254
5	64QAM	1	12	24.27	0.267	24.22	0.264	24.11	0.258
5	64QAM	1	24	23.85	0.243	23.88	0.244	23.90	0.245
5	64QAM	12	0	23.15	0.207	23.32	0.215	23.35	0.216
5	64QAM	12	7	22.88	0.194	23.22	0.210	23.14	0.206
5	64QAM	12	13	23.08	0.203	23.21	0.209	23.20	0.209
5	64QAM	25	0	23.16	0.207	23.19	0.208	23.17	0.207



LTE Band 41 (Power Class 2)				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39750		40620		41490	
Frequency (MHz)				2506		2593		2680	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	28.60	0.724	28.79	0.757	28.65	0.733
20	QPSK	1	49	28.66	0.735	28.76	0.752	28.60	0.724
20	QPSK	1	99	28.65	0.733	28.65	0.733	28.59	0.723
20	QPSK	50	0	27.64	0.581	27.81	0.604	27.73	0.593
20	QPSK	50	24	27.59	0.574	27.65	0.582	27.75	0.596
20	QPSK	50	50	27.72	0.592	27.71	0.590	27.58	0.573
20	QPSK	100	0	27.46	0.557	27.62	0.578	27.75	0.596
20	16QAM	1	0	27.67	0.585	27.78	0.600	27.70	0.589
20	16QAM	1	49	27.58	0.573	27.71	0.590	27.73	0.593
20	16QAM	1	99	27.51	0.564	27.65	0.582	27.59	0.574
20	16QAM	50	0	26.83	0.482	26.82	0.481	26.72	0.470
20	16QAM	50	24	26.70	0.468	26.74	0.472	26.55	0.452
20	16QAM	50	50	26.51	0.448	26.66	0.463	26.65	0.462
20	16QAM	100	0	26.83	0.482	26.69	0.467	26.74	0.472
20	64QAM	1	0	27.83	0.607	27.62	0.578	27.55	0.569
20	64QAM	1	49	27.45	0.556	27.59	0.574	27.64	0.581
20	64QAM	1	99	27.69	0.587	27.50	0.562	27.64	0.581
20	64QAM	50	0	26.75	0.473	26.70	0.468	26.69	0.467
20	64QAM	50	24	26.54	0.451	26.59	0.456	26.51	0.448
20	64QAM	50	50	26.63	0.460	26.56	0.453	26.45	0.442
20	64QAM	100	0	26.74	0.472	26.57	0.454	26.63	0.460



LTE Band 41 (Power Class 2)				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39725		40620		41515	
Frequency (MHz)				2503.5		2593		2682.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	28.51	0.710	28.75	0.750	28.65	0.733
15	QPSK	1	37	28.72	0.745	28.57	0.719	28.54	0.714
15	QPSK	1	74	28.54	0.714	28.54	0.714	28.62	0.728
15	QPSK	36	0	27.76	0.597	27.50	0.562	27.49	0.561
15	QPSK	36	20	27.52	0.565	27.68	0.586	27.56	0.570
15	QPSK	36	39	27.80	0.603	27.86	0.611	27.81	0.604
15	QPSK	75	0	27.82	0.605	27.67	0.585	27.77	0.598
15	16QAM	1	0	27.91	0.618	27.75	0.596	27.71	0.590
15	16QAM	1	37	27.49	0.561	27.53	0.566	27.82	0.605
15	16QAM	1	74	27.57	0.571	27.66	0.583	27.61	0.577
15	16QAM	36	0	26.77	0.475	26.91	0.491	26.69	0.467
15	16QAM	36	20	26.54	0.451	26.55	0.452	26.56	0.453
15	16QAM	36	39	26.59	0.456	26.66	0.463	26.68	0.466
15	16QAM	75	0	26.69	0.467	26.81	0.480	26.72	0.470
15	64QAM	1	0	27.47	0.558	27.67	0.585	27.52	0.565
15	64QAM	1	37	27.70	0.589	27.50	0.562	27.73	0.593
15	64QAM	1	74	27.72	0.592	27.51	0.564	27.57	0.571
15	64QAM	36	0	26.55	0.452	26.69	0.467	26.63	0.460
15	64QAM	36	20	26.41	0.438	26.61	0.458	26.72	0.470
15	64QAM	36	39	26.46	0.443	26.65	0.462	26.42	0.439
15	64QAM	75	0	26.53	0.450	26.53	0.450	26.44	0.441



LTE Band 41 (Power Class 2)				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39700		40620		41540	
Frequency (MHz)				2501		2593		2685	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	28.67	0.736	28.76	0.752	28.61	0.726
10	QPSK	1	25	28.60	0.724	28.71	0.743	28.59	0.723
10	QPSK	1	49	28.73	0.746	28.72	0.745	28.54	0.714
10	QPSK	25	0	27.70	0.589	27.86	0.611	27.70	0.589
10	QPSK	25	12	27.64	0.581	27.62	0.578	27.58	0.573
10	QPSK	25	25	27.57	0.571	27.64	0.581	27.47	0.558
10	QPSK	50	0	27.68	0.586	27.59	0.574	27.45	0.556
10	16QAM	1	0	27.72	0.592	27.69	0.587	27.80	0.603
10	16QAM	1	25	27.71	0.590	27.71	0.590	27.70	0.589
10	16QAM	1	49	27.54	0.568	27.66	0.583	27.53	0.566
10	16QAM	25	0	26.77	0.475	26.82	0.481	26.52	0.449
10	16QAM	25	12	26.85	0.484	26.88	0.488	26.74	0.472
10	16QAM	25	25	26.48	0.445	26.75	0.473	26.77	0.475
10	16QAM	50	0	26.76	0.474	26.78	0.476	26.82	0.481
10	64QAM	1	0	27.72	0.592	27.74	0.594	27.84	0.608
10	64QAM	1	25	27.51	0.564	27.77	0.598	27.45	0.556
10	64QAM	1	49	27.67	0.585	27.60	0.575	27.47	0.558
10	64QAM	25	0	26.65	0.462	26.66	0.463	26.82	0.481
10	64QAM	25	12	26.52	0.449	26.69	0.467	26.71	0.469
10	64QAM	25	25	26.46	0.443	26.64	0.461	26.40	0.437
10	64QAM	50	0	26.53	0.450	26.48	0.445	26.65	0.462



LTE Band 41 (Power Class 2)				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39675		40620		41565	
Frequency (MHz)				2498.5		2593		2687.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	28.63	0.729	28.73	0.746	28.64	0.731
5	QPSK	1	12	28.71	0.743	28.67	0.736	28.56	0.718
5	QPSK	1	24	28.61	0.726	28.69	0.740	28.69	0.740
5	QPSK	12	0	27.89	0.615	27.82	0.605	27.77	0.598
5	QPSK	12	7	27.59	0.574	27.68	0.586	27.65	0.582
5	QPSK	12	13	27.71	0.590	27.85	0.610	27.70	0.589
5	QPSK	25	0	27.79	0.601	27.63	0.579	27.72	0.592
5	16QAM	1	0	27.73	0.593	27.65	0.582	27.67	0.585
5	16QAM	1	12	27.50	0.562	27.52	0.565	27.62	0.578
5	16QAM	1	24	27.54	0.568	27.82	0.605	27.50	0.562
5	16QAM	12	0	26.78	0.476	26.62	0.459	26.66	0.463
5	16QAM	12	7	26.78	0.476	26.72	0.470	26.63	0.460
5	16QAM	12	13	26.50	0.447	26.71	0.469	26.72	0.470
5	16QAM	25	0	26.54	0.451	26.54	0.451	26.54	0.451
5	64QAM	1	0	27.56	0.570	27.70	0.589	27.55	0.569
5	64QAM	1	12	27.74	0.594	27.42	0.552	27.39	0.548
5	64QAM	1	24	27.71	0.590	27.63	0.579	27.38	0.547
5	64QAM	12	0	26.64	0.461	26.79	0.478	26.81	0.480
5	64QAM	12	7	26.39	0.436	26.66	0.463	26.48	0.445
5	64QAM	12	13	26.63	0.460	26.30	0.427	26.38	0.435
5	64QAM	25	0	26.60	0.457	26.73	0.471	26.57	0.454



LTE Band 41 (Power Class 3)				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39750		40620		41490	
Frequency (MHz)				2506		2593		2680	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	25.57	0.361	25.71	0.372	25.47	0.352
20	QPSK	1	49	25.64	0.366	25.60	0.363	25.60	0.363
20	QPSK	1	99	25.59	0.362	25.64	0.366	25.57	0.361
20	QPSK	50	0	24.93	0.311	24.76	0.299	24.52	0.283
20	QPSK	50	24	24.73	0.297	24.67	0.293	24.44	0.278
20	QPSK	50	50	24.84	0.305	24.77	0.300	24.85	0.305
20	QPSK	100	0	24.62	0.290	24.71	0.296	24.54	0.284
20	16QAM	1	0	24.52	0.283	24.90	0.309	24.74	0.298
20	16QAM	1	49	24.44	0.278	24.44	0.278	24.87	0.307
20	16QAM	1	99	24.41	0.276	24.99	0.316	24.58	0.287
20	16QAM	50	0	23.89	0.245	23.77	0.238	23.80	0.240
20	16QAM	50	24	24.11	0.258	23.77	0.238	24.12	0.258
20	16QAM	50	50	23.68	0.233	24.06	0.255	23.48	0.223
20	16QAM	100	0	23.95	0.248	23.90	0.245	24.18	0.262
20	64QAM	1	0	24.71	0.296	25.08	0.322	24.73	0.297
20	64QAM	1	49	24.59	0.288	24.78	0.301	24.44	0.278
20	64QAM	1	99	24.64	0.291	24.67	0.293	24.46	0.279
20	64QAM	50	0	23.56	0.227	23.74	0.237	23.81	0.240
20	64QAM	50	24	23.35	0.216	24.05	0.254	23.31	0.214
20	64QAM	50	50	23.40	0.219	23.62	0.230	23.28	0.213
20	64QAM	100	0	23.62	0.230	23.81	0.240	23.54	0.226



LTE Band 41 (Power Class 3)				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39725		40620		41515	
Frequency (MHz)				2503.5		2593		2682.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	25.51	0.356	25.69	0.371	25.58	0.361
15	QPSK	1	37	25.60	0.363	25.58	0.361	25.49	0.354
15	QPSK	1	74	25.53	0.357	25.45	0.351	25.60	0.363
15	QPSK	36	0	24.72	0.296	24.74	0.298	24.44	0.278
15	QPSK	36	20	24.63	0.290	24.88	0.308	24.62	0.290
15	QPSK	36	39	24.83	0.304	24.58	0.287	24.79	0.301
15	QPSK	75	0	24.49	0.281	24.67	0.293	24.78	0.301
15	16QAM	1	0	24.56	0.286	24.81	0.303	24.59	0.288
15	16QAM	1	37	24.69	0.294	24.38	0.274	24.99	0.316
15	16QAM	1	74	24.36	0.273	24.84	0.305	24.87	0.307
15	16QAM	36	0	24.04	0.254	23.68	0.233	23.80	0.240
15	16QAM	36	20	24.08	0.256	24.08	0.256	23.82	0.241
15	16QAM	36	39	23.65	0.232	23.96	0.249	23.84	0.242
15	16QAM	75	0	24.06	0.255	23.85	0.243	23.82	0.241
15	64QAM	1	0	24.73	0.297	24.73	0.297	24.71	0.296
15	64QAM	1	37	24.72	0.296	24.68	0.294	24.63	0.290
15	64QAM	1	74	24.63	0.290	24.95	0.313	24.42	0.277
15	64QAM	36	0	23.42	0.220	23.53	0.225	23.83	0.242
15	64QAM	36	20	23.57	0.228	24.06	0.255	23.35	0.216
15	64QAM	36	39	23.46	0.222	23.61	0.230	23.32	0.215
15	64QAM	75	0	23.62	0.230	23.81	0.240	23.54	0.226



LTE Band 41 (Power Class 3)				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39700		40620		41540	
Frequency (MHz)				2501		2593		2685	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	25.60	0.363	25.67	0.369	25.58	0.361
10	QPSK	1	25	25.56	0.360	25.58	0.361	25.62	0.365
10	QPSK	1	49	25.50	0.355	25.62	0.365	25.46	0.352
10	QPSK	25	0	24.96	0.313	24.91	0.310	24.63	0.290
10	QPSK	25	12	24.68	0.294	24.62	0.290	24.48	0.281
10	QPSK	25	25	24.92	0.310	24.77	0.300	24.77	0.300
10	QPSK	50	0	24.71	0.296	24.76	0.299	24.77	0.300
10	16QAM	1	0	24.53	0.284	24.80	0.302	24.50	0.282
10	16QAM	1	25	24.48	0.281	24.36	0.273	24.85	0.305
10	16QAM	1	49	24.46	0.279	25.05	0.320	24.56	0.286
10	16QAM	25	0	23.98	0.250	23.94	0.248	23.73	0.236
10	16QAM	25	12	24.01	0.252	23.81	0.240	24.15	0.260
10	16QAM	25	25	23.66	0.232	23.92	0.247	23.68	0.233
10	16QAM	50	0	23.95	0.248	23.92	0.247	23.85	0.243
10	64QAM	1	0	24.90	0.309	24.97	0.314	24.78	0.301
10	64QAM	1	25	24.48	0.281	24.81	0.303	24.61	0.289
10	64QAM	1	49	24.88	0.308	24.88	0.308	24.67	0.293
10	64QAM	25	0	23.47	0.222	23.74	0.237	23.84	0.242
10	64QAM	25	12	23.33	0.215	23.75	0.237	23.31	0.214
10	64QAM	25	25	23.62	0.230	23.67	0.233	23.47	0.222
10	64QAM	50	0	23.62	0.230	23.81	0.240	23.54	0.226



LTE Band 41 (Power Class 3)				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39675		40620		41565	
Frequency (MHz)				2498.5		2593		2687.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	25.56	0.360	25.66	0.368	25.62	0.365
5	QPSK	1	12	25.59	0.362	25.46	0.352	25.58	0.361
5	QPSK	1	24	25.45	0.351	25.36	0.344	25.51	0.356
5	QPSK	12	0	24.78	0.301	24.62	0.290	24.40	0.275
5	QPSK	12	7	24.70	0.295	24.62	0.290	24.75	0.299
5	QPSK	12	13	24.98	0.315	24.73	0.297	24.55	0.285
5	QPSK	25	0	24.42	0.277	24.47	0.280	24.72	0.296
5	16QAM	1	0	24.38	0.274	24.88	0.308	24.81	0.303
5	16QAM	1	12	24.76	0.299	24.45	0.279	24.94	0.312
5	16QAM	1	24	24.66	0.292	24.91	0.310	24.70	0.295
5	16QAM	12	0	24.06	0.255	23.81	0.240	23.42	0.220
5	16QAM	12	7	24.10	0.257	23.74	0.237	24.14	0.259
5	16QAM	12	13	23.65	0.232	24.09	0.256	23.74	0.237
5	16QAM	25	0	24.06	0.255	24.08	0.256	23.95	0.248
5	64QAM	1	0	24.74	0.298	25.05	0.320	24.53	0.284
5	64QAM	1	12	24.55	0.285	24.86	0.306	24.32	0.270
5	64QAM	1	24	24.74	0.298	24.93	0.311	24.54	0.284
5	64QAM	12	0	23.56	0.227	23.93	0.247	23.62	0.230
5	64QAM	12	7	23.47	0.222	23.95	0.248	23.64	0.231
5	64QAM	12	13	23.47	0.222	23.73	0.236	23.54	0.226
5	64QAM	25	0	23.62	0.230	23.81	0.240	23.54	0.226



LTE Band 42				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				42190		42590		42990	
Frequency (MHz)				3460		3500		3540	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	22.51	0.178	22.68	0.185	22.59	0.182
20	QPSK	1	49	22.44	0.175	22.42	0.175	22.48	0.177
20	QPSK	1	99	22.46	0.176	22.36	0.172	22.60	0.182
20	QPSK	50	0	21.60	0.145	21.73	0.149	21.70	0.148
20	QPSK	50	24	21.46	0.140	21.54	0.143	21.53	0.142
20	QPSK	50	50	21.64	0.146	21.62	0.145	21.58	0.144
20	QPSK	100	0	21.41	0.138	21.57	0.144	21.38	0.137
20	16QAM	1	0	21.71	0.148	21.72	0.149	21.57	0.144
20	16QAM	1	49	21.40	0.138	21.51	0.142	21.65	0.146
20	16QAM	1	99	21.61	0.145	21.57	0.144	21.40	0.138
20	16QAM	50	0	20.55	0.114	20.67	0.117	20.56	0.114
20	16QAM	50	24	20.67	0.117	20.63	0.116	20.51	0.112
20	16QAM	50	50	20.47	0.111	20.40	0.110	20.65	0.116
20	16QAM	100	0	20.47	0.111	20.47	0.111	20.45	0.111
20	64QAM	1	0	21.57	0.144	21.67	0.147	21.57	0.144
20	64QAM	1	49	21.50	0.141	21.30	0.135	21.36	0.137
20	64QAM	1	99	21.52	0.142	21.55	0.143	21.28	0.134
20	64QAM	50	0	20.76	0.119	20.46	0.111	20.39	0.109
20	64QAM	50	24	20.61	0.115	20.55	0.114	20.63	0.116
20	64QAM	50	50	20.58	0.114	20.33	0.108	20.26	0.106
20	64QAM	100	0	20.61	0.115	20.47	0.111	20.43	0.110



LTE Band 42				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				42165		42590		43015	
Frequency (MHz)				3457.5		3500		3542.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	22.60	0.182	22.65	0.184	22.54	0.179
15	QPSK	1	37	22.65	0.184	22.66	0.185	22.52	0.179
15	QPSK	1	74	22.61	0.182	22.60	0.182	22.33	0.171
15	QPSK	36	0	21.77	0.150	21.77	0.150	21.56	0.143
15	QPSK	36	20	21.39	0.138	21.70	0.148	21.57	0.144
15	QPSK	36	39	21.70	0.148	21.43	0.139	21.57	0.144
15	QPSK	75	0	21.67	0.147	21.58	0.144	21.67	0.147
15	16QAM	1	0	21.72	0.149	21.80	0.151	21.46	0.140
15	16QAM	1	37	21.43	0.139	21.73	0.149	21.62	0.145
15	16QAM	1	74	21.68	0.147	21.55	0.143	21.38	0.137
15	16QAM	36	0	20.83	0.121	20.63	0.116	20.70	0.117
15	16QAM	36	20	20.45	0.111	20.47	0.111	20.77	0.119
15	16QAM	36	39	20.38	0.109	20.49	0.112	20.61	0.115
15	16QAM	75	0	20.65	0.116	20.42	0.110	20.58	0.114
15	64QAM	1	0	21.68	0.147	21.46	0.140	21.45	0.140
15	64QAM	1	37	21.65	0.146	21.62	0.145	21.55	0.143
15	64QAM	1	74	21.34	0.136	21.25	0.133	21.39	0.138
15	64QAM	36	0	20.58	0.114	20.57	0.114	20.61	0.115
15	64QAM	36	20	20.28	0.107	20.61	0.115	20.58	0.114
15	64QAM	36	39	20.54	0.113	20.59	0.115	20.41	0.110
15	64QAM	75	0	20.59	0.115	20.46	0.111	20.35	0.108



LTE Band 42				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				42140		42590		43040	
Frequency (MHz)				3455		3500		3545	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	22.46	0.176	22.59	0.182	22.53	0.179
10	QPSK	1	25	22.55	0.180	22.33	0.171	22.39	0.173
10	QPSK	1	49	22.36	0.172	22.65	0.184	22.46	0.176
10	QPSK	25	0	21.51	0.142	21.47	0.140	21.77	0.150
10	QPSK	25	12	21.54	0.143	21.46	0.140	21.70	0.148
10	QPSK	25	25	21.43	0.139	21.51	0.142	21.74	0.149
10	QPSK	50	0	21.47	0.140	21.34	0.136	21.64	0.146
10	16QAM	1	0	21.62	0.145	21.55	0.143	21.61	0.145
10	16QAM	1	25	21.74	0.149	21.43	0.139	21.37	0.137
10	16QAM	1	49	21.41	0.138	21.75	0.150	21.61	0.145
10	16QAM	25	0	20.84	0.121	20.58	0.114	20.73	0.118
10	16QAM	25	12	20.60	0.115	20.47	0.111	20.68	0.117
10	16QAM	25	25	20.37	0.109	20.67	0.117	20.36	0.109
10	16QAM	50	0	20.78	0.120	20.64	0.116	20.47	0.111
10	64QAM	1	0	21.38	0.137	21.64	0.146	21.62	0.145
10	64QAM	1	25	21.34	0.136	21.36	0.137	21.31	0.135
10	64QAM	1	49	21.43	0.139	21.57	0.144	21.39	0.138
10	64QAM	25	0	20.46	0.111	20.52	0.113	20.45	0.111
10	64QAM	25	12	20.56	0.114	20.46	0.111	20.32	0.108
10	64QAM	25	25	20.51	0.112	20.56	0.114	20.40	0.110
10	64QAM	50	0	20.39	0.109	20.46	0.111	20.65	0.116



LTE Band 42				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				42115		42590		43065	
Frequency (MHz)				3452.5		3500		3547.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	22.60	0.182	22.66	0.185	22.52	0.179
5	QPSK	1	12	22.45	0.176	22.44	0.175	22.59	0.182
5	QPSK	1	24	22.61	0.182	22.44	0.175	22.58	0.181
5	QPSK	12	0	21.66	0.147	21.51	0.142	21.65	0.146
5	QPSK	12	7	21.73	0.149	21.44	0.139	21.52	0.142
5	QPSK	12	13	21.70	0.148	21.52	0.142	21.79	0.151
5	QPSK	25	0	21.49	0.141	21.35	0.136	21.57	0.144
5	16QAM	1	0	21.45	0.140	21.73	0.149	21.78	0.151
5	16QAM	1	12	21.59	0.144	21.62	0.145	21.39	0.138
5	16QAM	1	24	21.40	0.138	21.59	0.144	21.71	0.148
5	16QAM	12	0	20.68	0.117	20.83	0.121	20.83	0.121
5	16QAM	12	7	20.54	0.113	20.56	0.114	20.58	0.114
5	16QAM	12	13	20.48	0.112	20.41	0.110	20.65	0.116
5	16QAM	25	0	20.57	0.114	20.51	0.112	20.44	0.111
5	64QAM	1	0	21.34	0.136	21.45	0.140	21.65	0.146
5	64QAM	1	12	21.33	0.136	21.58	0.144	21.29	0.135
5	64QAM	1	24	21.63	0.146	21.50	0.141	21.44	0.139
5	64QAM	12	0	20.39	0.109	20.70	0.117	20.64	0.116
5	64QAM	12	7	20.37	0.109	20.60	0.115	20.45	0.111
5	64QAM	12	13	20.58	0.114	20.40	0.110	20.54	0.113
5	64QAM	25	0	20.69	0.117	20.28	0.107	20.68	0.117



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				132072		132322		132572	
Frequency (MHz)				1720		1745		1770	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	24.52	0.283	24.66	0.292	24.64	0.291
20	QPSK	1	49	24.48	0.281	24.58	0.287	24.61	0.289
20	QPSK	1	99	24.34	0.272	24.41	0.276	24.47	0.280
20	QPSK	50	0	23.51	0.224	23.52	0.225	23.40	0.219
20	QPSK	50	24	23.48	0.223	23.46	0.222	23.39	0.218
20	QPSK	50	50	23.60	0.229	23.42	0.220	23.73	0.236
20	QPSK	100	0	23.66	0.232	23.45	0.221	23.31	0.214
20	16QAM	1	0	23.56	0.227	23.66	0.232	23.47	0.222
20	16QAM	1	49	23.55	0.226	23.72	0.236	23.70	0.234
20	16QAM	1	99	23.32	0.215	23.55	0.226	23.39	0.218
20	16QAM	50	0	22.49	0.177	22.51	0.178	22.70	0.186
20	16QAM	50	24	22.53	0.179	22.59	0.182	22.63	0.183
20	16QAM	50	50	22.33	0.171	22.43	0.175	22.42	0.175
20	16QAM	100	0	22.73	0.187	22.75	0.188	22.35	0.172
20	64QAM	1	0	23.53	0.225	23.61	0.230	23.36	0.217
20	64QAM	1	49	23.30	0.214	23.38	0.218	23.35	0.216
20	64QAM	1	99	23.29	0.213	23.56	0.227	23.36	0.217
20	64QAM	50	0	22.34	0.171	22.45	0.176	22.50	0.178
20	64QAM	50	24	22.58	0.181	22.44	0.175	22.42	0.175
20	64QAM	50	50	22.47	0.177	22.19	0.166	22.53	0.179
20	64QAM	100	0	22.54	0.179	22.28	0.169	22.31	0.170



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				132047		132322		132597	
Frequency (MHz)				1717.5		1745		1772.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	24.46	0.279	24.58	0.287	24.56	0.286
15	QPSK	1	37	24.47	0.280	24.42	0.277	24.64	0.291
15	QPSK	1	74	24.44	0.278	24.33	0.271	24.27	0.267
15	QPSK	36	0	23.68	0.233	23.48	0.223	23.61	0.230
15	QPSK	36	20	23.31	0.214	23.41	0.219	23.38	0.218
15	QPSK	36	39	23.50	0.224	23.56	0.227	23.67	0.233
15	QPSK	75	0	23.37	0.217	23.39	0.218	23.36	0.217
15	16QAM	1	0	23.43	0.220	23.81	0.240	23.67	0.233
15	16QAM	1	37	23.45	0.221	23.41	0.219	23.66	0.232
15	16QAM	1	74	23.39	0.218	23.46	0.222	23.45	0.221
15	16QAM	36	0	22.66	0.185	22.70	0.186	22.53	0.179
15	16QAM	36	20	22.36	0.172	22.61	0.182	22.41	0.174
15	16QAM	36	39	22.51	0.178	22.63	0.183	22.57	0.181
15	16QAM	75	0	22.63	0.183	22.75	0.188	22.45	0.176
15	64QAM	1	0	23.61	0.230	23.66	0.232	23.32	0.215
15	64QAM	1	37	23.42	0.220	23.38	0.218	23.25	0.211
15	64QAM	1	74	23.30	0.214	23.43	0.220	23.43	0.220
15	64QAM	36	0	22.58	0.181	22.40	0.174	22.52	0.179
15	64QAM	36	20	22.24	0.167	22.58	0.181	22.73	0.187
15	64QAM	36	39	22.35	0.172	22.33	0.171	22.25	0.168
15	64QAM	75	0	22.40	0.174	22.63	0.183	22.43	0.175



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				132022		132322		132622	
Frequency (MHz)				1715		1745		1775	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	24.54	0.284	24.62	0.290	24.40	0.275
10	QPSK	1	25	24.61	0.289	24.41	0.276	24.60	0.288
10	QPSK	1	49	24.62	0.290	24.53	0.284	24.53	0.284
10	QPSK	25	0	23.50	0.224	23.71	0.235	23.71	0.235
10	QPSK	25	12	23.30	0.214	23.54	0.226	23.37	0.217
10	QPSK	25	25	23.49	0.223	23.77	0.238	23.45	0.221
10	QPSK	50	0	23.50	0.224	23.54	0.226	23.70	0.234
10	16QAM	1	0	23.66	0.232	23.63	0.231	23.52	0.225
10	16QAM	1	25	23.72	0.236	23.58	0.228	23.74	0.237
10	16QAM	1	49	23.33	0.215	23.63	0.231	23.26	0.212
10	16QAM	25	0	22.56	0.180	22.74	0.188	22.69	0.186
10	16QAM	25	12	22.44	0.175	22.71	0.187	22.57	0.181
10	16QAM	25	25	22.34	0.171	22.71	0.187	22.74	0.188
10	16QAM	50	0	22.34	0.171	22.41	0.174	22.31	0.170
10	64QAM	1	0	23.52	0.225	23.48	0.223	23.44	0.221
10	64QAM	1	25	23.33	0.215	23.55	0.226	23.60	0.229
10	64QAM	1	49	23.38	0.218	23.51	0.224	23.49	0.223
10	64QAM	25	0	22.59	0.182	22.69	0.186	22.50	0.178
10	64QAM	25	12	22.57	0.181	22.51	0.178	22.64	0.184
10	64QAM	25	25	22.47	0.177	22.37	0.173	22.42	0.175
10	64QAM	50	0	22.47	0.177	22.52	0.179	22.60	0.182



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				131997		132322		132647	
Frequency (MHz)				1712.5		1745		1777.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	24.42	0.277	24.60	0.288	24.44	0.278
5	QPSK	1	12	24.53	0.284	24.31	0.270	24.59	0.288
5	QPSK	1	24	24.48	0.281	24.50	0.282	24.40	0.275
5	QPSK	12	0	23.63	0.231	23.68	0.233	23.46	0.222
5	QPSK	12	7	23.44	0.221	23.71	0.235	23.41	0.219
5	QPSK	12	13	23.42	0.220	23.78	0.239	23.51	0.224
5	QPSK	25	0	23.52	0.225	23.50	0.224	23.47	0.222
5	16QAM	1	0	23.47	0.222	23.75	0.237	23.54	0.226
5	16QAM	1	12	23.48	0.223	23.69	0.234	23.77	0.238
5	16QAM	1	24	23.46	0.222	23.71	0.235	23.49	0.223
5	16QAM	12	0	22.47	0.177	22.54	0.179	22.55	0.180
5	16QAM	12	7	22.66	0.185	22.61	0.182	22.65	0.184
5	16QAM	12	13	22.59	0.182	22.61	0.182	22.60	0.182
5	16QAM	25	0	22.46	0.176	22.38	0.173	22.31	0.170
5	64QAM	1	0	23.48	0.223	23.65	0.232	23.57	0.228
5	64QAM	1	12	23.46	0.222	23.26	0.212	23.32	0.215
5	64QAM	1	24	23.34	0.216	23.26	0.212	23.50	0.224
5	64QAM	12	0	22.73	0.187	22.44	0.175	22.49	0.177
5	64QAM	12	7	22.63	0.183	22.36	0.172	22.61	0.182
5	64QAM	12	13	22.38	0.173	22.37	0.173	22.30	0.170
5	64QAM	25	0	22.40	0.174	22.38	0.173	22.48	0.177



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				131987		132322		132657	
Frequency (MHz)				1711.5		1745		1778.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	24.38	0.274	24.56	0.286	24.45	0.279
3	QPSK	1	8	24.55	0.285	24.40	0.275	24.36	0.273
3	QPSK	1	14	24.31	0.270	24.50	0.282	24.53	0.284
3	QPSK	8	0	23.72	0.236	23.39	0.218	23.47	0.222
3	QPSK	8	4	23.31	0.214	23.48	0.223	23.25	0.211
3	QPSK	8	7	23.56	0.227	23.57	0.228	23.57	0.228
3	QPSK	15	0	23.39	0.218	23.33	0.215	23.41	0.219
3	16QAM	1	0	23.77	0.238	23.72	0.236	23.62	0.230
3	16QAM	1	8	23.47	0.222	23.53	0.225	23.60	0.229
3	16QAM	1	14	23.67	0.233	23.50	0.224	23.40	0.219
3	16QAM	8	0	22.59	0.182	22.72	0.187	22.41	0.174
3	16QAM	8	4	22.73	0.187	22.46	0.176	22.64	0.184
3	16QAM	8	7	22.40	0.174	22.44	0.175	22.40	0.174
3	16QAM	15	0	22.40	0.174	22.43	0.175	22.55	0.180
3	64QAM	1	0	23.50	0.224	23.69	0.234	23.62	0.230
3	64QAM	1	8	23.58	0.228	23.58	0.228	23.41	0.219
3	64QAM	1	14	23.50	0.224	23.34	0.216	23.50	0.224
3	64QAM	8	0	22.38	0.173	22.40	0.174	22.57	0.181
3	64QAM	8	4	22.61	0.182	22.63	0.183	22.42	0.175
3	64QAM	8	7	22.21	0.166	22.26	0.168	22.36	0.172
3	64QAM	15	0	22.44	0.175	22.34	0.171	22.21	0.166



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				131979		132322		132665	
Frequency (MHz)				1710.7		1745		1779.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	24.60	0.288	24.64	0.291	24.52	0.283
1.4	QPSK	1	3	24.54	0.284	24.43	0.277	24.59	0.288
1.4	QPSK	1	5	24.32	0.270	24.43	0.277	24.45	0.279
1.4	QPSK	3	0	23.54	0.226	23.56	0.227	23.41	0.219
1.4	QPSK	3	1	23.47	0.222	23.69	0.234	23.36	0.217
1.4	QPSK	3	3	23.36	0.217	23.66	0.232	23.48	0.223
1.4	QPSK	6	0	23.64	0.231	23.69	0.234	23.60	0.229
1.4	16QAM	1	0	23.74	0.237	23.76	0.238	23.60	0.229
1.4	16QAM	1	3	23.62	0.230	23.65	0.232	23.53	0.225
1.4	16QAM	1	5	23.39	0.218	23.62	0.230	23.36	0.217
1.4	16QAM	3	0	22.67	0.185	22.54	0.179	22.69	0.186
1.4	16QAM	3	1	22.68	0.185	22.73	0.187	22.56	0.180
1.4	16QAM	3	3	22.63	0.183	22.39	0.173	22.40	0.174
1.4	16QAM	6	0	22.34	0.171	22.55	0.180	22.47	0.177
1.4	64QAM	1	0	23.46	0.222	23.48	0.223	23.61	0.230
1.4	64QAM	1	3	23.29	0.213	23.50	0.224	23.63	0.231
1.4	64QAM	1	5	23.58	0.228	23.21	0.209	23.33	0.215
1.4	64QAM	3	0	22.37	0.173	22.58	0.181	22.72	0.187
1.4	64QAM	3	1	22.48	0.177	22.38	0.173	22.54	0.179
1.4	64QAM	3	3	22.41	0.174	22.44	0.175	22.35	0.172
1.4	64QAM	6	0	22.56	0.180	22.54	0.179	22.30	0.170



LTE Band 71				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				133222		133322		133372	
Frequency (MHz)				673		683		688	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	21.26	0.134	21.46	0.140	21.30	0.135
20	QPSK	1	49	21.28	0.134	21.37	0.137	21.43	0.139
20	QPSK	1	99	21.41	0.138	21.37	0.137	21.31	0.135
20	QPSK	50	0	20.34	0.108	20.36	0.109	20.22	0.105
20	QPSK	50	24	20.36	0.109	20.46	0.111	20.29	0.107
20	QPSK	50	50	20.56	0.114	20.53	0.113	20.53	0.113
20	QPSK	100	0	20.23	0.105	20.47	0.111	20.15	0.104
20	16QAM	1	0	20.27	0.106	20.38	0.109	20.29	0.107
20	16QAM	1	49	20.57	0.114	20.53	0.113	20.39	0.109
20	16QAM	1	99	20.15	0.104	20.46	0.111	20.14	0.103
20	16QAM	50	0	19.37	0.086	19.74	0.094	19.42	0.087
20	16QAM	50	24	19.46	0.088	19.60	0.091	19.27	0.085
20	16QAM	50	50	19.50	0.089	19.30	0.085	19.31	0.085
20	16QAM	100	0	19.32	0.086	19.45	0.088	19.16	0.082
20	64QAM	1	0	20.44	0.111	20.48	0.112	20.49	0.112
20	64QAM	1	49	20.13	0.103	20.19	0.104	20.24	0.106
20	64QAM	1	99	20.08	0.102	20.38	0.109	20.37	0.109
20	64QAM	50	0	19.25	0.084	19.26	0.084	19.18	0.083
20	64QAM	50	24	19.33	0.086	19.12	0.082	19.45	0.088
20	64QAM	50	50	19.08	0.081	19.42	0.087	19.29	0.085
20	64QAM	100	0	19.44	0.088	19.18	0.083	19.35	0.086



LTE Band 71				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				133197		133297		133397	
Frequency (MHz)				670.5		680.5		690.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	21.37	0.137	21.44	0.139	21.40	0.138
15	QPSK	1	37	21.41	0.138	21.16	0.131	21.32	0.136
15	QPSK	1	74	21.29	0.135	21.27	0.134	21.22	0.132
15	QPSK	36	0	20.43	0.110	20.62	0.115	20.57	0.114
15	QPSK	36	20	20.42	0.110	20.42	0.110	20.12	0.103
15	QPSK	36	39	20.34	0.108	20.57	0.114	20.54	0.113
15	QPSK	75	0	20.29	0.107	20.38	0.109	20.47	0.111
15	16QAM	1	0	20.26	0.106	20.30	0.107	20.26	0.106
15	16QAM	1	37	20.24	0.106	20.31	0.107	20.24	0.106
15	16QAM	1	74	20.37	0.109	20.44	0.111	20.16	0.104
15	16QAM	36	0	19.65	0.092	19.34	0.086	19.32	0.086
15	16QAM	36	20	19.55	0.090	19.58	0.091	19.17	0.083
15	16QAM	36	39	19.17	0.083	19.27	0.085	19.34	0.086
15	16QAM	75	0	19.23	0.084	19.54	0.090	19.38	0.087
15	64QAM	1	0	20.51	0.112	20.38	0.109	20.35	0.108
15	64QAM	1	37	20.12	0.103	20.18	0.104	20.27	0.106
15	64QAM	1	74	20.20	0.105	20.28	0.107	20.15	0.104
15	64QAM	36	0	19.55	0.090	19.48	0.089	19.35	0.086
15	64QAM	36	20	19.46	0.088	19.29	0.085	19.56	0.090
15	64QAM	36	39	19.13	0.082	19.26	0.084	19.18	0.083
15	64QAM	75	0	19.47	0.089	19.17	0.083	19.30	0.085



LTE Band 71				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				133172		133297		133422	
Frequency (MHz)				668		680.5		693	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	21.32	0.136	21.42	0.139	21.36	0.137
10	QPSK	1	25	21.41	0.138	21.19	0.132	21.35	0.136
10	QPSK	1	49	21.38	0.137	21.37	0.137	21.12	0.129
10	QPSK	25	0	20.48	0.112	20.58	0.114	20.36	0.109
10	QPSK	25	12	20.35	0.108	20.28	0.107	20.10	0.102
10	QPSK	25	25	20.45	0.111	20.43	0.110	20.21	0.105
10	QPSK	50	0	20.54	0.113	20.26	0.106	20.52	0.113
10	16QAM	1	0	20.29	0.107	20.60	0.115	20.39	0.109
10	16QAM	1	25	20.22	0.105	20.49	0.112	20.27	0.106
10	16QAM	1	49	20.43	0.110	20.57	0.114	20.42	0.110
10	16QAM	25	0	19.66	0.092	19.67	0.093	19.32	0.086
10	16QAM	25	12	19.29	0.085	19.45	0.088	19.18	0.083
10	16QAM	25	25	19.32	0.086	19.25	0.084	19.38	0.087
10	16QAM	50	0	19.47	0.089	19.43	0.088	19.38	0.087
10	64QAM	1	0	20.23	0.105	20.15	0.104	20.51	0.112
10	64QAM	1	25	20.41	0.110	20.47	0.111	20.13	0.103
10	64QAM	1	49	20.37	0.109	20.40	0.110	20.28	0.107
10	64QAM	25	0	19.34	0.086	19.24	0.084	19.19	0.083
10	64QAM	25	12	19.22	0.084	19.20	0.083	19.49	0.089
10	64QAM	25	25	19.25	0.084	19.08	0.081	19.09	0.081
10	64QAM	50	0	19.32	0.086	19.47	0.089	19.30	0.085



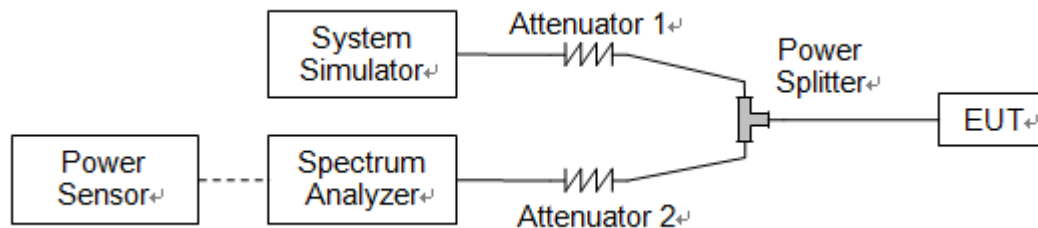
LTE Band 71				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				133147		133297		133447	
Frequency (MHz)				665.5		680.5		695.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	21.39	0.138	21.43	0.139	21.27	0.134
5	QPSK	1	12	21.37	0.137	21.35	0.136	21.32	0.136
5	QPSK	1	24	21.29	0.135	21.33	0.136	21.15	0.130
5	QPSK	12	0	20.40	0.110	20.30	0.107	20.33	0.108
5	QPSK	12	7	20.15	0.104	20.33	0.108	20.43	0.110
5	QPSK	12	13	20.46	0.111	20.59	0.115	20.47	0.111
5	QPSK	25	0	20.16	0.104	20.45	0.111	20.32	0.108
5	16QAM	1	0	20.63	0.116	20.62	0.115	20.30	0.107
5	16QAM	1	12	20.42	0.110	20.63	0.116	20.23	0.105
5	16QAM	1	24	20.30	0.107	20.29	0.107	20.50	0.112
5	16QAM	12	0	19.55	0.090	19.42	0.087	19.47	0.089
5	16QAM	12	7	19.23	0.084	19.37	0.086	19.50	0.089
5	16QAM	12	13	19.33	0.086	19.53	0.090	19.28	0.085
5	16QAM	25	0	19.34	0.086	19.37	0.086	19.28	0.085
5	64QAM	1	0	20.24	0.106	20.33	0.108	20.19	0.104
5	64QAM	1	12	20.32	0.108	20.51	0.112	20.09	0.102
5	64QAM	1	24	20.41	0.110	20.33	0.108	20.08	0.102
5	64QAM	12	0	19.56	0.090	19.23	0.084	19.46	0.088
5	64QAM	12	7	19.09	0.081	19.21	0.083	19.52	0.090
5	64QAM	12	13	19.40	0.087	19.24	0.084	19.08	0.081
5	64QAM	25	0	19.48	0.089	19.20	0.083	19.28	0.085

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	1.09	1.28
	Low	16QAM	1.09	1.31
	Low	64QAM	1.10	1.30
	Mid	QPSK	1.10	1.28
	Mid	16QAM	1.10	1.31
	Mid	64QAM	1.10	1.29
	High	QPSK	1.09	1.27
	High	16QAM	1.10	1.30
	High	64QAM	1.10	1.29
3	Low	QPSK	2.70	2.94
	Low	16QAM	2.69	2.95
	Low	64QAM	2.70	2.93
	Mid	QPSK	2.70	2.94
	Mid	16QAM	2.70	2.94
	Mid	64QAM	2.70	2.93
	High	QPSK	2.70	2.94
	High	16QAM	2.70	2.93
	High	64QAM	2.70	2.93
5	Low	QPSK	4.50	4.95
	Low	16QAM	4.49	4.95
	Low	64QAM	4.51	4.97
	Mid	QPSK	4.50	4.98
	Mid	16QAM	4.50	4.91
	Mid	64QAM	4.50	4.95
	High	QPSK	4.50	4.94
	High	16QAM	4.50	4.94
	High	64QAM	4.51	4.99
10	Low	QPSK	8.99	9.78
	Low	16QAM	8.96	9.69
	Low	64QAM	8.98	9.82
	Mid	QPSK	8.99	9.78
	Mid	16QAM	8.97	9.71
	Mid	64QAM	8.98	9.77
	High	QPSK	8.98	9.79
	High	16QAM	8.96	9.73
	High	64QAM	8.97	9.76



15	Low	QPSK	13.50	14.63
	Low	16QAM	13.47	14.59
	Low	64QAM	13.45	14.60
	Mid	QPSK	13.48	14.60
	Mid	16QAM	13.44	14.69
	Mid	64QAM	13.42	14.66
	High	QPSK	13.45	14.61
	High	16QAM	13.43	14.48
	High	64QAM	13.44	14.59
20	Low	QPSK	17.98	19.34
	Low	16QAM	17.97	19.39
	Low	64QAM	17.96	19.41
	Mid	QPSK	17.88	19.32
	Mid	16QAM	17.91	19.26
	Mid	64QAM	17.90	19.25
	High	QPSK	17.89	19.36
	High	16QAM	17.96	19.33
	High	64QAM	17.92	19.36



LTE Band 4				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.09	1.27
	Low	16QAM	1.10	1.31
	Low	64QAM	1.10	1.30
	Mid	QPSK	1.09	1.29
	Mid	16QAM	1.10	1.29
	Mid	64QAM	1.10	1.29
	High	QPSK	1.10	1.26
	High	16QAM	1.10	1.30
	High	64QAM	1.10	1.29
3	Low	QPSK	2.69	2.94
	Low	16QAM	2.70	2.94
	Low	64QAM	2.70	2.93
	Mid	QPSK	2.69	2.93
	Mid	16QAM	2.70	2.95
	Mid	64QAM	2.70	2.93
	High	QPSK	2.70	2.94
	High	16QAM	2.70	2.95
	High	64QAM	2.70	2.93
5	Low	QPSK	4.50	5.03
	Low	16QAM	4.50	4.99
	Low	64QAM	4.50	4.97
	Mid	QPSK	4.50	4.97
	Mid	16QAM	4.50	4.94
	Mid	64QAM	4.50	5.00
	High	QPSK	4.50	4.93
	High	16QAM	4.50	4.90
	High	64QAM	4.51	4.97
10	Low	QPSK	8.98	9.74
	Low	16QAM	8.96	9.72
	Low	64QAM	8.97	9.82
	Mid	QPSK	9.01	9.71
	Mid	16QAM	8.97	9.70
	Mid	64QAM	8.99	9.76
	High	QPSK	9.00	9.75
	High	16QAM	8.97	9.73
	High	64QAM	8.98	9.77



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15	Low	QPSK	13.44	14.64
	Low	16QAM	13.45	14.61
	Low	64QAM	13.42	14.57
	Mid	QPSK	13.51	14.74
	Mid	16QAM	13.51	14.70
	Mid	64QAM	13.46	14.64
	High	QPSK	13.49	14.62
	High	16QAM	13.44	14.55
	High	64QAM	13.43	14.61
20	Low	QPSK	17.91	19.64
	Low	16QAM	17.93	19.42
	Low	64QAM	17.92	19.45
	Mid	QPSK	17.97	19.35
	Mid	16QAM	18.03	19.41
	Mid	64QAM	17.98	19.59
	High	QPSK	17.91	19.25
	High	16QAM	17.93	19.34
	High	64QAM	17.92	19.37



LTE Band 5				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.09	1.23
	Low	16QAM	1.10	1.31
	Low	64QAM	1.10	1.28
	Mid	QPSK	1.10	1.29
	Mid	16QAM	1.10	1.31
	Mid	64QAM	1.10	1.32
	High	QPSK	1.09	1.28
	High	16QAM	1.10	1.30
	High	64QAM	1.10	1.30
3	Low	QPSK	2.70	3.83
	Low	16QAM	2.70	3.35
	Low	64QAM	2.70	2.96
	Mid	QPSK	2.70	3.56
	Mid	16QAM	2.70	2.95
	Mid	64QAM	2.70	2.93
	High	QPSK	2.69	2.95
	High	16QAM	2.70	2.94
	High	64QAM	2.70	2.94
5	Low	QPSK	4.49	4.97
	Low	16QAM	4.52	6.38
	Low	64QAM	4.50	4.94
	Mid	QPSK	4.50	5.20
	Mid	16QAM	4.50	4.93
	Mid	64QAM	4.49	4.97
	High	QPSK	4.49	4.96
	High	16QAM	4.50	4.92
	High	64QAM	4.51	4.97
10	Low	QPSK	9.02	10.87
	Low	16QAM	8.98	11.04
	Low	64QAM	8.99	9.79
	Mid	QPSK	9.00	9.78
	Mid	16QAM	8.96	9.92
	Mid	64QAM	8.99	9.85
	High	QPSK	8.99	9.71
	High	16QAM	8.95	9.72
	High	64QAM	8.98	9.80



LTE Band 7				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.51	4.94
	Low	16QAM	4.49	4.92
	Low	64QAM	4.51	4.94
	Mid	QPSK	4.50	5.00
	Mid	16QAM	4.51	4.98
	Mid	64QAM	4.50	5.01
	High	QPSK	4.50	4.98
	High	16QAM	4.51	4.98
	High	64QAM	4.51	4.95
10	Low	QPSK	9.01	9.93
	Low	16QAM	8.98	9.65
	Low	64QAM	8.99	10.07
	Mid	QPSK	8.99	9.79
	Mid	16QAM	8.97	9.77
	Mid	64QAM	8.98	9.82
	High	QPSK	9.00	9.81
	High	16QAM	8.97	9.68
	High	64QAM	8.97	9.81
15	Low	QPSK	13.51	14.60
	Low	16QAM	13.48	14.67
	Low	64QAM	13.44	15.21
	Mid	QPSK	13.48	14.69
	Mid	16QAM	13.46	14.58
	Mid	64QAM	13.46	14.73
	High	QPSK	13.50	14.65
	High	16QAM	13.48	14.58
	High	64QAM	13.45	14.68
20	Low	QPSK	17.90	19.44
	Low	16QAM	17.94	19.41
	Low	64QAM	17.94	19.64
	Mid	QPSK	17.97	19.37
	Mid	16QAM	17.98	19.33
	Mid	64QAM	17.95	19.38
	High	QPSK	17.94	19.60
	High	16QAM	17.96	19.37
	High	64QAM	17.95	19.46



LTE Band 12				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.10	1.27
	Low	16QAM	1.10	1.29
	Low	64QAM	1.10	1.28
	Mid	QPSK	1.10	1.27
	Mid	16QAM	1.10	1.30
	Mid	64QAM	1.10	1.29
	High	QPSK	1.10	1.27
	High	16QAM	1.10	1.31
	High	64QAM	1.10	1.31
3	Low	QPSK	2.69	2.93
	Low	16QAM	2.70	2.95
	Low	64QAM	2.70	2.92
	Mid	QPSK	2.70	2.96
	Mid	16QAM	2.70	2.94
	Mid	64QAM	2.70	2.94
	High	QPSK	2.69	2.93
	High	16QAM	2.70	2.94
	High	64QAM	2.69	2.92
5	Low	QPSK	4.50	4.94
	Low	16QAM	4.50	4.97
	Low	64QAM	4.50	4.96
	Mid	QPSK	4.51	4.95
	Mid	16QAM	4.50	4.97
	Mid	64QAM	4.51	4.98
	High	QPSK	4.49	4.97
	High	16QAM	4.49	4.94
	High	64QAM	4.49	4.93
10	Low	QPSK	9.00	9.75
	Low	16QAM	8.96	9.70
	Low	64QAM	8.98	9.78
	Mid	QPSK	9.00	9.79
	Mid	16QAM	8.98	9.73
	Mid	64QAM	8.98	9.80
	High	QPSK	8.97	9.76
	High	16QAM	8.94	9.76
	High	64QAM	8.97	9.79



LTE Band 13				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.49	4.92
	Low	16QAM	4.49	4.93
	Low	64QAM	4.49	4.98
	Mid	QPSK	4.50	4.99
	Mid	16QAM	4.50	4.96
	Mid	64QAM	4.50	4.99
	High	QPSK	4.50	4.94
	High	16QAM	4.50	4.94
	High	64QAM	4.51	5.76
10	Low	QPSK	8.96	9.71
	Low	16QAM	8.94	9.70
	Low	64QAM	8.96	10.37
	Mid	QPSK	8.97	9.72
	Mid	16QAM	8.94	9.76
	Mid	64QAM	8.97	9.69
	High	QPSK	8.96	9.75
	High	16QAM	8.94	9.64
	High	64QAM	8.95	9.76



LTE Band 17				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.51	4.93
	Low	16QAM	4.50	4.97
	Low	64QAM	4.50	4.96
	Mid	QPSK	4.50	4.98
	Mid	16QAM	4.50	4.98
	Mid	64QAM	4.51	4.96
	High	QPSK	4.50	4.93
	High	16QAM	4.50	4.95
	High	64QAM	4.50	4.95
10	Low	QPSK	8.98	9.75
	Low	16QAM	8.96	9.70
	Low	64QAM	8.98	9.82
	Mid	QPSK	8.99	9.81
	Mid	16QAM	8.96	9.72
	Mid	64QAM	8.98	9.81
	High	QPSK	8.98	9.70
	High	16QAM	8.94	9.74
	High	64QAM	8.97	9.76



LTE Band 25				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.09	1.27
	Low	16QAM	1.10	1.31
	Low	64QAM	1.10	1.30
	Mid	QPSK	1.10	1.27
	Mid	16QAM	1.10	1.29
	Mid	64QAM	1.10	1.30
	High	QPSK	1.10	1.29
	High	16QAM	1.10	1.29
	High	64QAM	1.10	1.32
3	Low	QPSK	2.70	2.93
	Low	16QAM	2.69	2.95
	Low	64QAM	2.70	2.93
	Mid	QPSK	2.69	2.93
	Mid	16QAM	2.70	2.93
	Mid	64QAM	2.70	2.94
	High	QPSK	2.70	2.92
	High	16QAM	2.70	2.95
	High	64QAM	2.70	2.94
5	Low	QPSK	4.49	4.95
	Low	16QAM	4.49	4.97
	Low	64QAM	4.50	4.92
	Mid	QPSK	4.49	4.96
	Mid	16QAM	4.50	4.91
	Mid	64QAM	4.50	4.97
	High	QPSK	4.51	4.96
	High	16QAM	4.50	4.98
	High	64QAM	4.52	4.98
10	Low	QPSK	9.00	9.78
	Low	16QAM	8.97	9.71
	Low	64QAM	8.97	9.78
	Mid	QPSK	9.02	9.72
	Mid	16QAM	8.96	9.69
	Mid	64QAM	8.97	9.79
	High	QPSK	9.01	9.73
	High	16QAM	8.98	9.73
	High	64QAM	9.01	9.77



15	Low	QPSK	13.48	14.58
	Low	16QAM	13.48	14.68
	Low	64QAM	13.44	14.52
	Mid	QPSK	13.49	14.63
	Mid	16QAM	13.47	14.57
	Mid	64QAM	13.44	14.60
	High	QPSK	13.46	14.60
	High	16QAM	13.47	14.72
	High	64QAM	13.45	14.64
20	Low	QPSK	17.94	19.38
	Low	16QAM	17.96	19.40
	Low	64QAM	17.97	19.42
	Mid	QPSK	17.94	19.38
	Mid	16QAM	17.95	19.40
	Mid	64QAM	17.94	19.49
	High	QPSK	17.90	19.29
	High	16QAM	17.96	19.36
	High	64QAM	17.92	19.28



LTE Band 26				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.10	1.28
	Low	16QAM	1.10	1.37
	Low	64QAM	1.10	1.30
	Mid	QPSK	1.10	1.28
	Mid	16QAM	1.10	1.29
	Mid	64QAM	1.10	1.30
	High	QPSK	1.10	1.27
	High	16QAM	1.10	1.31
	High	64QAM	1.10	1.31
3	Low	QPSK	2.70	3.18
	Low	16QAM	2.70	3.13
	Low	64QAM	2.70	2.94
	Mid	QPSK	2.70	2.93
	Mid	16QAM	2.70	3.14
	Mid	64QAM	2.70	2.93
	High	QPSK	2.69	2.96
	High	16QAM	2.69	2.95
	High	64QAM	2.70	2.94
5	Low	QPSK	4.50	5.43
	Low	16QAM	4.50	6.14
	Low	64QAM	4.50	4.96
	Mid	QPSK	4.50	5.33
	Mid	16QAM	4.50	6.13
	Mid	64QAM	4.51	4.97
	High	QPSK	4.51	5.10
	High	16QAM	4.50	4.95
	High	64QAM	4.51	4.97
10	Low	QPSK	9.00	9.81
	Low	16QAM	8.97	9.72
	Low	64QAM	8.97	9.78
	Mid	QPSK	9.01	9.78
	Mid	16QAM	8.97	9.78
	Mid	64QAM	8.99	9.84
	High	QPSK	9.00	9.77
	High	16QAM	8.96	9.75
	High	64QAM	8.97	9.85



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15	Low	QPSK	13.46	14.58
	Low	16QAM	13.47	14.75
	Low	64QAM	13.45	14.60
	Mid	QPSK	13.44	14.64
	Mid	16QAM	13.46	14.70
	Mid	64QAM	13.43	14.74
	High	QPSK	13.47	14.62
	High	16QAM	13.44	14.62
	High	64QAM	13.42	14.64



LTE Band 30				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.50	4.97
	Low	16QAM	4.51	4.96
	Low	64QAM	4.50	4.95
	Mid	QPSK	4.50	4.99
	Mid	16QAM	4.50	4.97
	Mid	64QAM	4.50	4.94
	High	QPSK	4.50	4.98
	High	16QAM	4.50	4.96
	High	64QAM	4.51	4.96
10	Low	QPSK	8.99	9.80
	Low	16QAM	8.96	9.77
	Low	64QAM	8.99	9.80
	Mid	QPSK	9.00	9.82
	Mid	16QAM	8.97	9.76
	Mid	64QAM	8.97	9.77
	High	QPSK	9.00	9.78
	High	16QAM	8.98	9.75
	High	64QAM	8.98	9.77



LTE Band 38				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.49	4.91
	Low	16QAM	4.50	4.96
	Low	64QAM	4.51	5.37
	Mid	QPSK	4.50	4.95
	Mid	16QAM	4.50	5.06
	Mid	64QAM	4.51	4.93
	High	QPSK	4.50	4.96
	High	16QAM	4.50	5.05
	High	64QAM	4.51	4.94
10	Low	QPSK	8.98	9.86
	Low	16QAM	8.97	9.77
	Low	64QAM	8.98	10.64
	Mid	QPSK	8.97	9.76
	Mid	16QAM	8.96	10.25
	Mid	64QAM	9.00	10.27
	High	QPSK	8.97	9.77
	High	16QAM	8.98	10.16
	High	64QAM	8.97	10.37
15	Low	QPSK	13.48	15.26
	Low	16QAM	13.48	14.98
	Low	64QAM	13.45	15.25
	Mid	QPSK	13.46	15.17
	Mid	16QAM	13.48	15.21
	Mid	64QAM	13.45	15.23
	High	QPSK	13.50	14.73
	High	16QAM	13.51	15.19
	High	64QAM	13.46	14.95
20	Low	QPSK	17.96	20.24
	Low	16QAM	17.94	20.57
	Low	64QAM	17.95	19.47
	Mid	QPSK	17.97	20.07
	Mid	16QAM	17.96	20.09
	Mid	64QAM	17.93	19.19
	High	QPSK	17.98	19.50
	High	16QAM	17.95	20.22
	High	64QAM	17.93	20.05



LTE Band 41				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.50	4.93
	Low	16QAM	4.51	4.95
	Low	64QAM	4.47	4.74
	Mid	QPSK	4.50	4.92
	Mid	16QAM	4.50	4.98
	Mid	64QAM	4.50	4.88
	High	QPSK	4.49	5.06
	High	16QAM	4.52	4.96
	High	64QAM	4.52	4.95
10	Low	QPSK	8.98	9.90
	Low	16QAM	8.99	10.15
	Low	64QAM	8.99	10.48
	Mid	QPSK	9.01	9.83
	Mid	16QAM	8.99	9.90
	Mid	64QAM	9.00	10.12
	High	QPSK	9.00	9.90
	High	16QAM	9.01	9.94
	High	64QAM	9.02	11.24
15	Low	QPSK	13.49	14.88
	Low	16QAM	13.49	14.71
	Low	64QAM	13.47	14.97
	Mid	QPSK	13.49	14.78
	Mid	16QAM	13.52	14.68
	Mid	64QAM	13.45	14.68
	High	QPSK	13.50	14.51
	High	16QAM	13.47	14.73
	High	64QAM	13.48	14.97
20	Low	QPSK	17.98	20.14
	Low	16QAM	17.98	20.32
	Low	64QAM	17.93	19.80
	Mid	QPSK	18.02	20.06
	Mid	16QAM	17.91	20.22
	Mid	64QAM	17.97	19.40
	High	QPSK	17.93	20.68
	High	16QAM	17.95	20.25
	High	64QAM	17.93	19.70



LTE Band 42				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.49	4.81
	Low	16QAM	4.51	4.89
	Low	64QAM	4.52	4.88
	Mid	QPSK	4.50	4.93
	Mid	16QAM	4.49	5.04
	Mid	64QAM	4.50	4.91
	High	QPSK	4.50	4.95
	High	16QAM	4.50	5.00
	High	64QAM	4.51	4.90
10	Low	QPSK	8.97	9.88
	Low	16QAM	8.97	10.26
	Low	64QAM	8.96	10.11
	Mid	QPSK	8.98	9.73
	Mid	16QAM	8.98	9.81
	Mid	64QAM	8.99	10.29
	High	QPSK	8.96	9.66
	High	16QAM	8.99	10.48
	High	64QAM	8.98	10.37
15	Low	QPSK	13.47	14.82
	Low	16QAM	13.49	15.18
	Low	64QAM	13.44	15.35
	Mid	QPSK	13.45	14.78
	Mid	16QAM	13.48	14.99
	Mid	64QAM	13.42	14.63
	High	QPSK	13.45	14.91
	High	16QAM	13.46	15.29
	High	64QAM	13.47	15.23
20	Low	QPSK	17.94	20.07
	Low	16QAM	17.93	20.24
	Low	64QAM	17.96	19.60
	Mid	QPSK	17.95	20.07
	Mid	16QAM	17.93	19.69
	Mid	64QAM	17.94	19.40
	High	QPSK	17.95	20.20
	High	16QAM	17.95	20.26
	High	64QAM	17.94	19.43



LTE Band 66				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.10	1.29
	Low	16QAM	1.10	1.29
	Low	64QAM	1.10	1.29
	Mid	QPSK	1.10	1.27
	Mid	16QAM	1.10	1.30
	Mid	64QAM	1.10	1.29
	High	QPSK	1.10	1.28
	High	16QAM	1.10	1.31
	High	64QAM	1.10	1.30
3	Low	QPSK	2.69	2.93
	Low	16QAM	2.69	2.95
	Low	64QAM	2.70	2.94
	Mid	QPSK	2.70	2.93
	Mid	16QAM	2.70	2.94
	Mid	64QAM	2.70	2.94
	High	QPSK	2.70	2.95
	High	16QAM	2.70	2.95
	High	64QAM	2.71	2.94
5	Low	QPSK	4.50	4.98
	Low	16QAM	4.50	4.98
	Low	64QAM	4.51	4.95
	Mid	QPSK	4.50	4.95
	Mid	16QAM	4.50	4.97
	Mid	64QAM	4.50	4.93
	High	QPSK	4.50	4.96
	High	16QAM	4.50	4.94
	High	64QAM	4.50	4.97
10	Low	QPSK	8.97	9.75
	Low	16QAM	8.96	9.71
	Low	64QAM	8.97	9.78
	Mid	QPSK	9.01	9.76
	Mid	16QAM	8.97	9.74
	Mid	64QAM	8.99	9.78
	High	QPSK	8.95	9.75
	High	16QAM	8.95	9.64
	High	64QAM	8.97	9.81



15	Low	QPSK	13.43	14.56
	Low	16QAM	13.44	14.58
	Low	64QAM	13.43	14.60
	Mid	QPSK	13.44	14.68
	Mid	16QAM	13.45	14.72
	Mid	64QAM	13.43	14.58
	High	QPSK	13.43	14.55
	High	16QAM	13.43	14.59
	High	64QAM	13.40	14.55
20	Low	QPSK	17.90	19.41
	Low	16QAM	17.90	19.26
	Low	64QAM	17.89	19.33
	Mid	QPSK	17.88	19.39
	Mid	16QAM	17.92	19.30
	Mid	64QAM	17.93	19.37
	High	QPSK	17.92	19.27
	High	16QAM	17.91	19.30
	High	64QAM	17.89	19.42



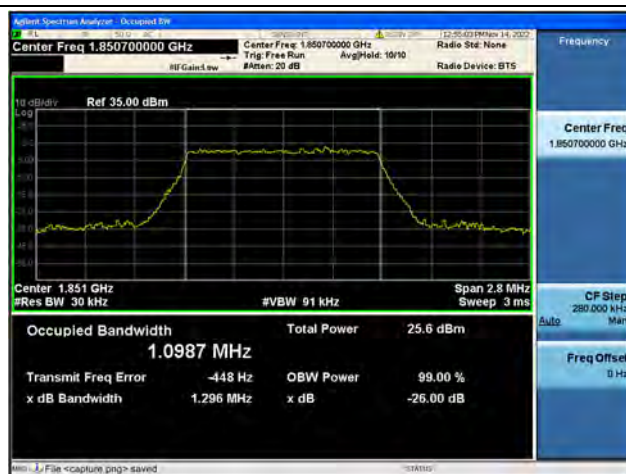
LTE Band 71				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.50	4.95
	Low	16QAM	4.50	4.93
	Low	64QAM	4.50	5.00
	Mid	QPSK	4.50	4.98
	Mid	16QAM	4.50	4.96
	Mid	64QAM	4.50	4.95
	High	QPSK	4.50	4.97
	High	16QAM	4.50	4.95
	High	64QAM	4.50	4.95
10	Low	QPSK	8.97	9.74
	Low	16QAM	8.94	9.77
	Low	64QAM	8.96	9.75
	Mid	QPSK	8.99	9.78
	Mid	16QAM	8.97	9.66
	Mid	64QAM	8.99	9.82
	High	QPSK	8.99	9.74
	High	16QAM	8.98	9.70
	High	64QAM	8.99	9.77
15	Low	QPSK	13.42	14.60
	Low	16QAM	13.43	14.61
	Low	64QAM	13.42	14.66
	Mid	QPSK	13.49	14.58
	Mid	16QAM	13.46	14.64
	Mid	64QAM	13.42	14.60
	High	QPSK	13.48	14.59
	High	16QAM	13.47	14.64
	High	64QAM	13.46	14.60
20	Low	QPSK	17.91	19.42
	Low	16QAM	17.93	19.38
	Low	64QAM	17.92	19.43
	Mid	QPSK	17.89	19.47
	Mid	16QAM	17.93	19.34
	Mid	64QAM	17.92	19.36
	High	QPSK	17.95	19.40
	High	16QAM	17.92	19.34
	High	64QAM	17.93	19.40



Band2 / 1.4MHz / QPSK/ Low CH



Band2 / 1.4MHz / 16QAM/ Low CH



Band2 / 1.4MHz / 64QAM/ Low CH



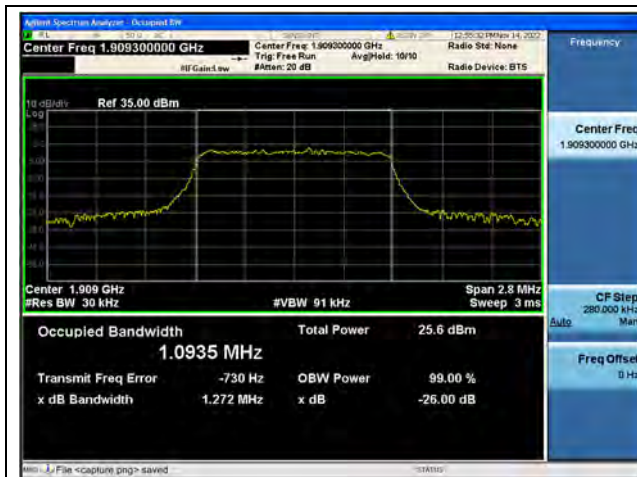
Band2 / 1.4MHz / QPSK/ Mid CH



Band2 / 1.4MHz / 16QAM/ Mid CH



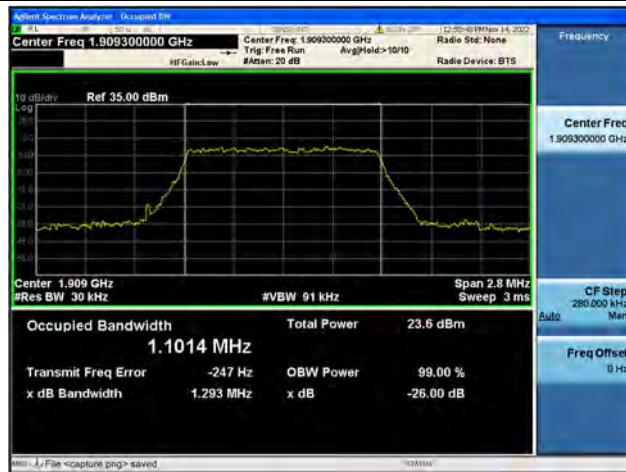
Band2 / 1.4MHz / 64QAM/ Mid CH



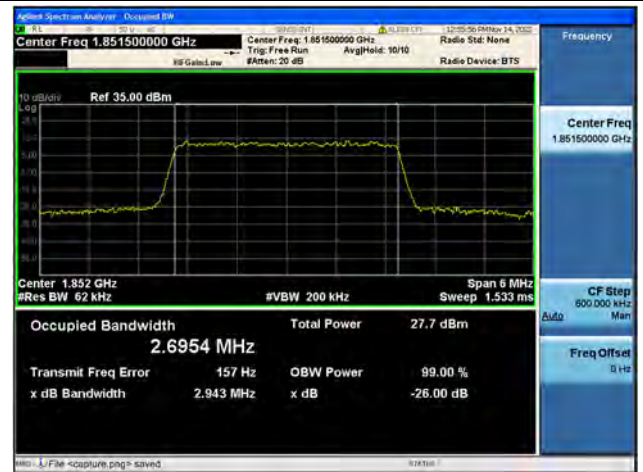
Band2 / 1.4MHz / QPSK/ High CH



Band2 / 1.4MHz / 16QAM/ High CH



Band2 / 1.4MHz / 64QAM/ High CH



Band2 / 3MHz / QPSK/ Low CH



Band2 / 3MHz / 16QAM/ Low CH



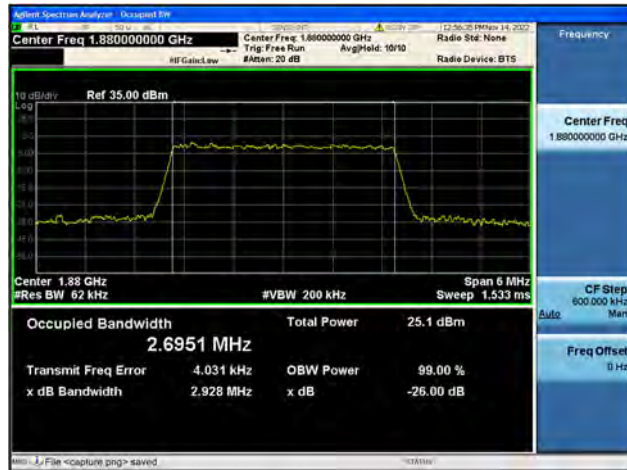
Band2 / 3MHz / 64QAM/ Low CH



Band2 / 3MHz / QPSK/ Mid CH



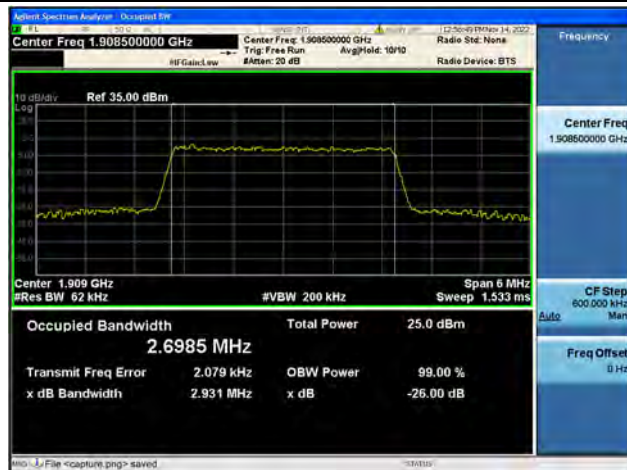
Band2 / 3MHz / 16QAM/ Mid CH



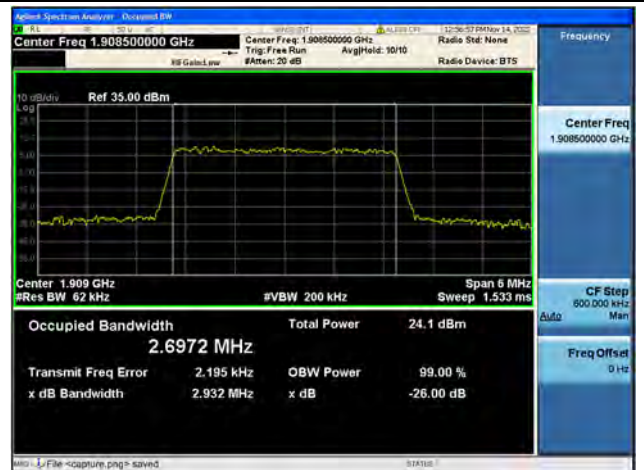
Band2 / 3MHz / 64QAM/ Mid CH



Band2 / 3MHz / QPSK/ High CH



Band2 / 3MHz / 16QAM/ High CH



Band2 / 3MHz / 64QAM/ High CH



Band2 / 5MHz / QPSK/ Low CH



Band2 / 5MHz / 16QAM/ Low CH



Band2 / 5MHz / 64QAM/ Low CH



Band2 / 5MHz / QPSK/ Mid CH



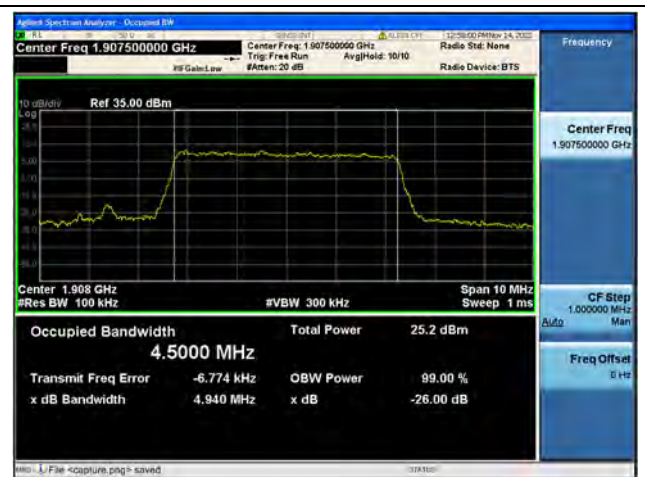
Band2 / 5MHz / 16QAM/ Mid CH



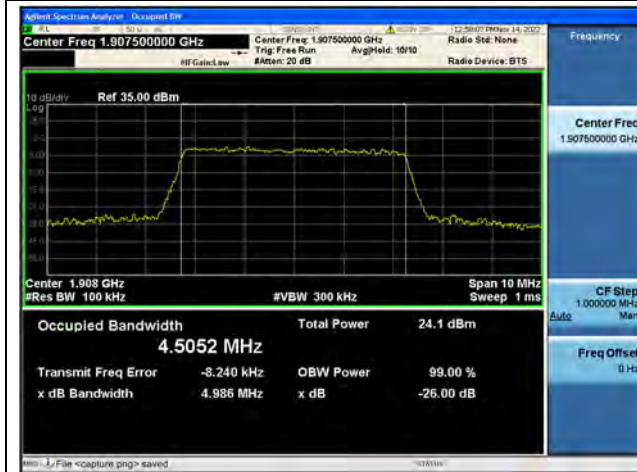
Band2 / 5MHz / 64QAM/ Mid CH



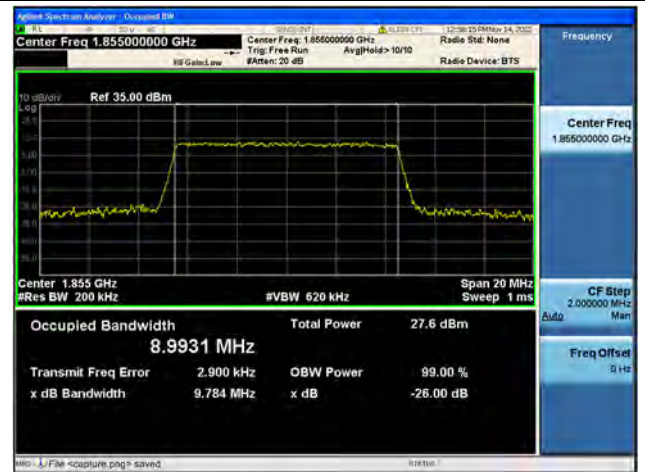
Band2 / 5MHz / QPSK/ High CH



Band2 / 5MHz / 16QAM/ High CH



Band2 / 5MHz / 64QAM/ High CH



Band2 / 10MHz / QPSK/ Low CH



Band2 / 10MHz / 16QAM/ Low CH



Band2 / 10MHz / 64QAM/ Low CH



Band2 / 10MHz / QPSK/ Mid CH



Band2 / 10MHz / 16QAM/ Mid CH



Band2 / 10MHz / 64QAM/ Mid CH



Band2 / 10MHz / QPSK/ High CH



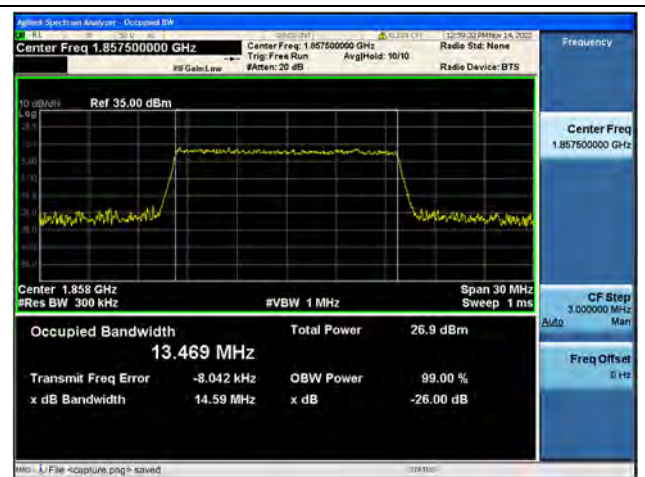
Band2 / 10MHz / 16QAM/ High CH



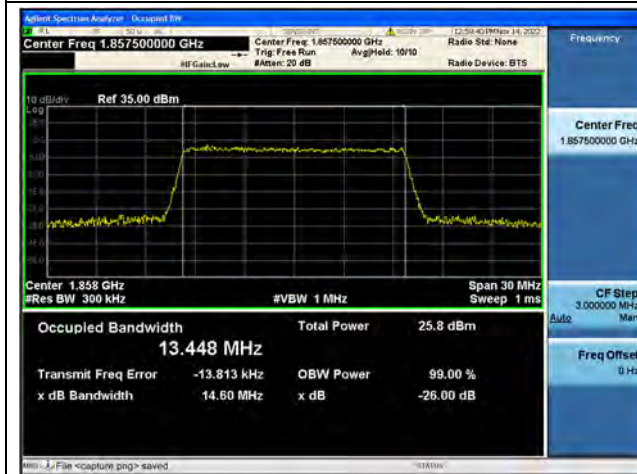
Band2 / 10MHz / 64QAM/ High CH



Band2 / 15MHz / QPSK/ Low CH



Band2 / 15MHz / 16QAM/ Low CH



Band2 / 15MHz / 64QAM/ Low CH



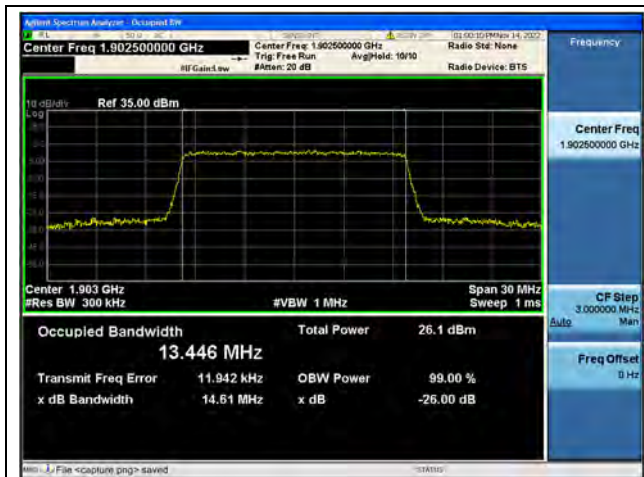
Band2 / 15MHz / QPSK/ Mid CH



Band2 / 15MHz / 16QAM/ Mid CH



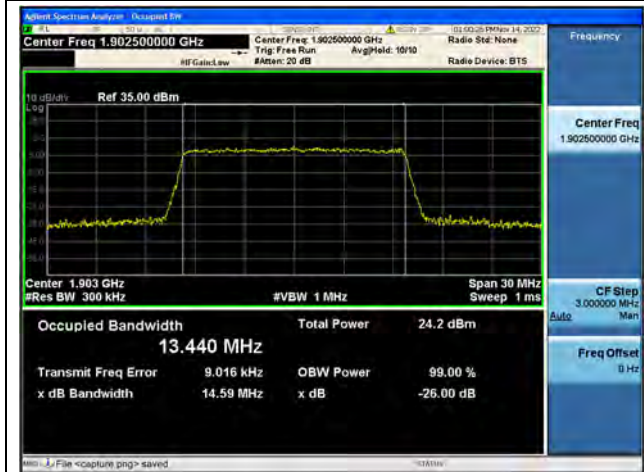
Band2 / 15MHz / 64QAM/ Mid CH



Band2 / 15MHz / QPSK/ High CH



Band2 / 15MHz / 16QAM/ High CH



Band2 / 15MHz / 64QAM/ High CH



Band2 / 20MHz / QPSK/ Low CH



Band2 / 20MHz / 16QAM/ Low CH



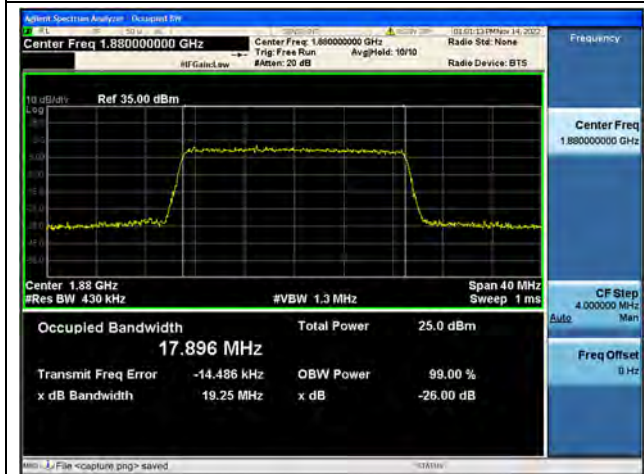
Band2 / 20MHz / 64QAM/ Low CH



Band2 / 20MHz / QPSK/ Mid CH



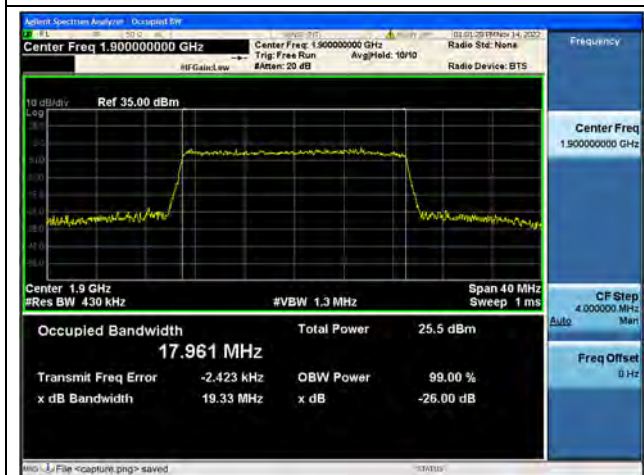
Band2 / 20MHz / 16QAM/ Mid CH



Band2 / 20MHz / 64QAM/ Mid CH



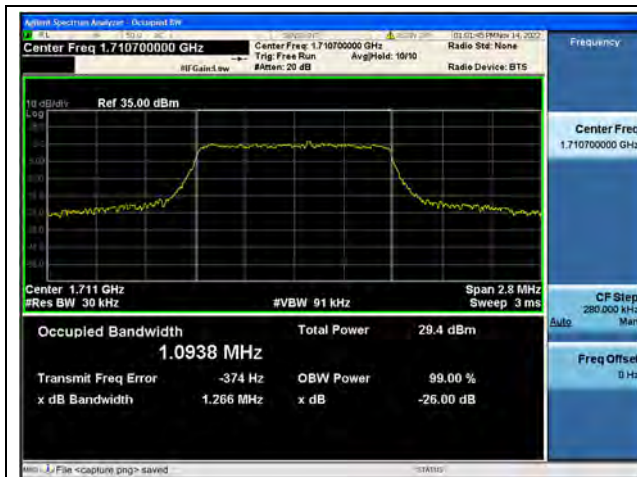
Band2 / 20MHz / QPSK/ High CH



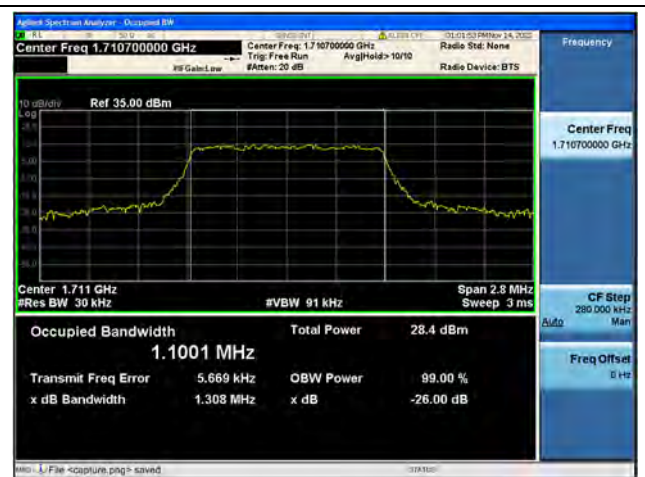
Band2 / 20MHz / 16QAM/ High CH



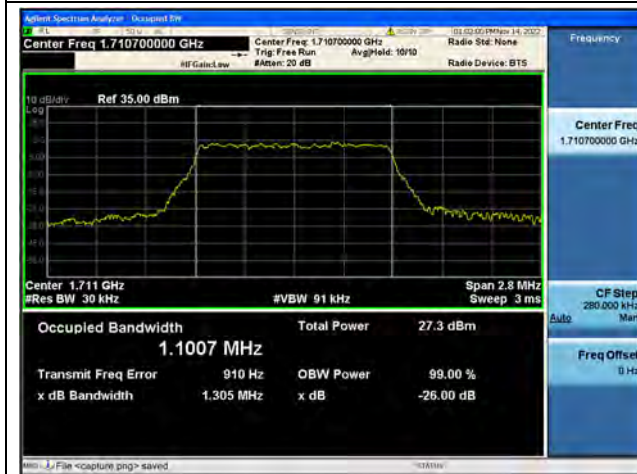
Band2 / 20MHz / 64QAM/ High CH



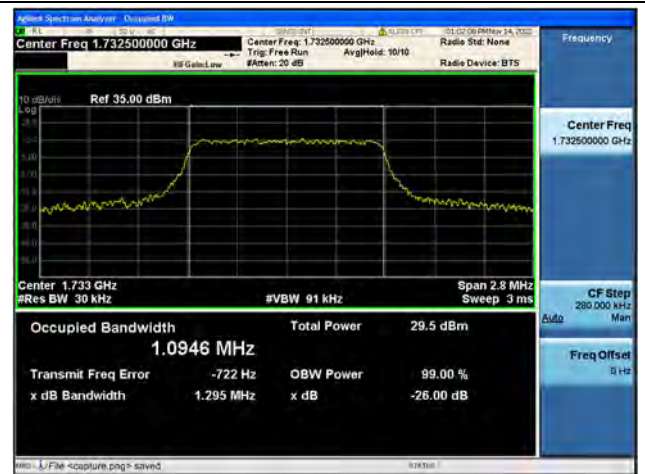
Band4 / 1.4MHz / QPSK/ Low CH



Band4 / 1.4MHz / 16QAM/ Low CH



Band4 / 1.4MHz / 64QAM/ Low CH



Band4 / 1.4MHz / QPSK/ Mid CH



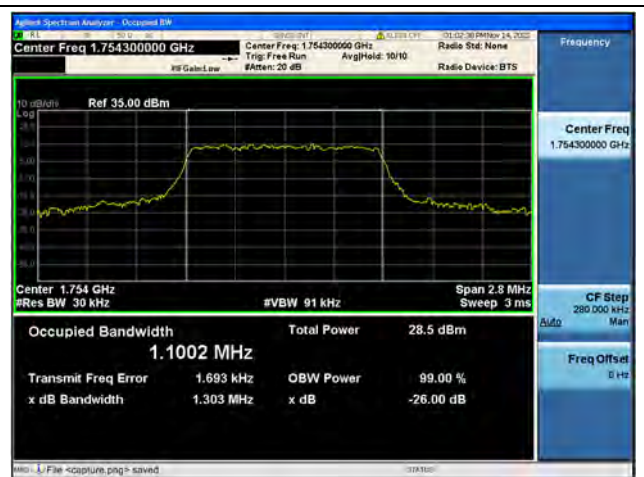
Band4 / 1.4MHz / 16QAM/ Mid CH



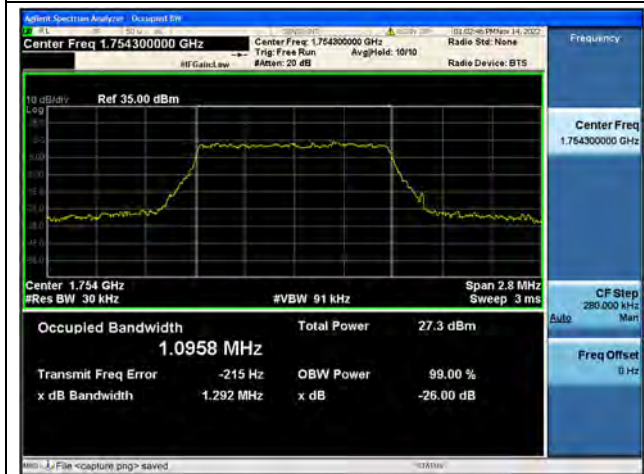
Band4 / 1.4MHz / 64QAM/ Mid CH



Band4 / 1.4MHz / QPSK/ High CH



Band4 / 1.4MHz / 16QAM/ High CH



Band4 / 1.4MHz / 64QAM/ High CH



Band4 / 3MHz / QPSK/ Low CH



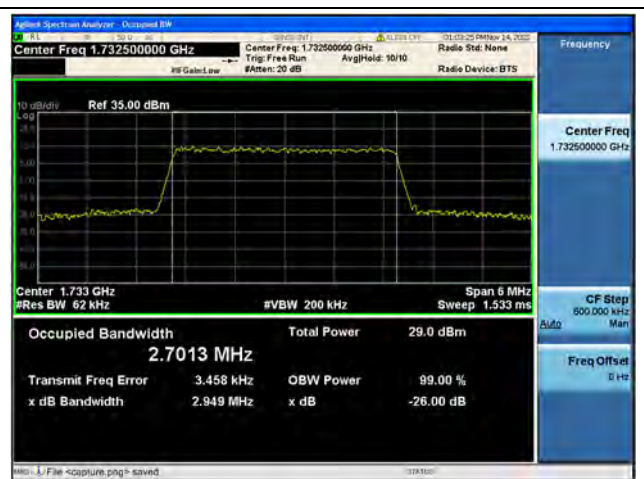
Band4 / 3MHz / 16QAM/ Low CH



Band4 / 3MHz / 64QAM/ Low CH



Band4 / 3MHz / QPSK/ Mid CH



Band4 / 3MHz / 16QAM/ Mid CH



Band4 / 3MHz / 64QAM/ Mid CH



Band4 / 3MHz / QPSK/ High CH



Band4 / 3MHz / 16QAM/ High CH



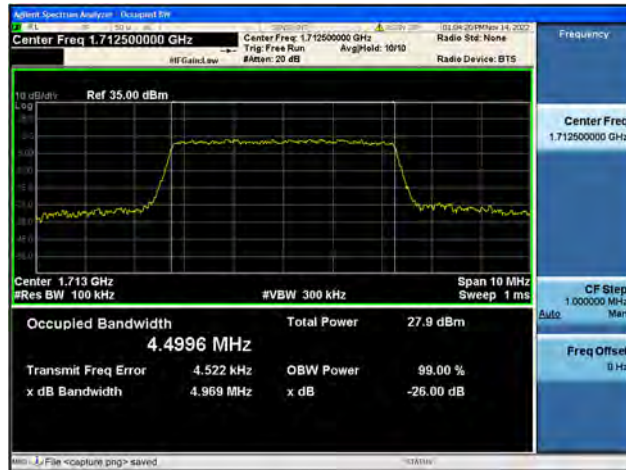
Band4 / 3MHz / 64QAM/ High CH



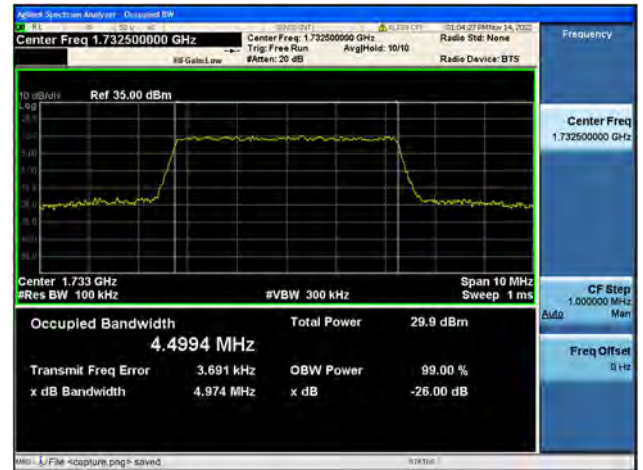
Band4 / 5MHz / QPSK/ Low CH



Band4 / 5MHz / 16QAM/ Low CH



Band4 / 5MHz / 64QAM/ Low CH



Band4 / 5MHz / QPSK/ Mid CH



Band4 / 5MHz / 16QAM/ Mid CH



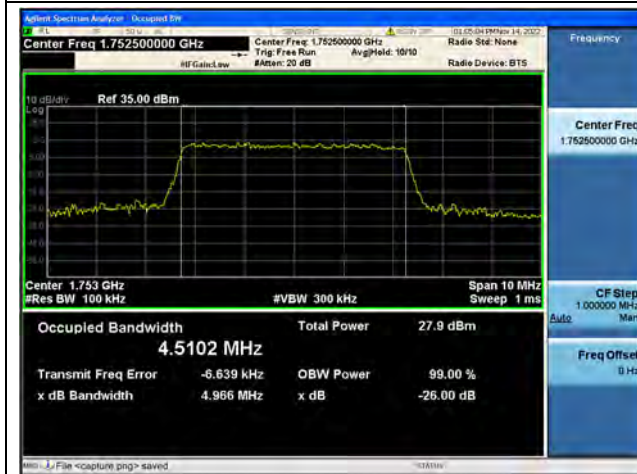
Band4 / 5MHz / 64QAM/ Mid CH



Band4 / 5MHz / QPSK/ High CH



Band4 / 5MHz / 16QAM/ High CH



Band4 / 5MHz / 64QAM/ High CH



Band4 / 10MHz / QPSK/ Low CH



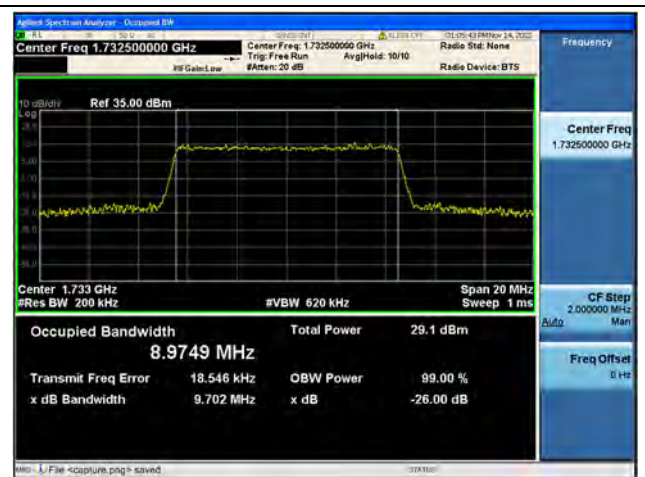
Band4 / 10MHz / 16QAM/ Low CH



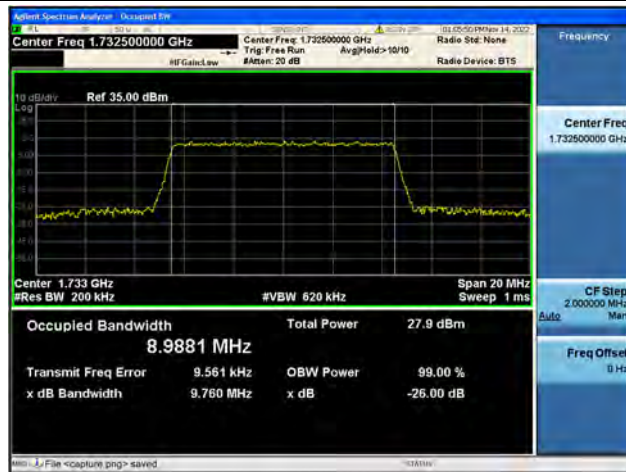
Band4 / 10MHz / 64QAM/ Low CH



Band4 / 10MHz / QPSK/ Mid CH



Band4 / 10MHz / 16QAM/ Mid CH



Band4 / 10MHz / 64QAM/ Mid CH



Band4 / 10MHz / QPSK/ High CH



Band4 / 10MHz / 16QAM/ High CH



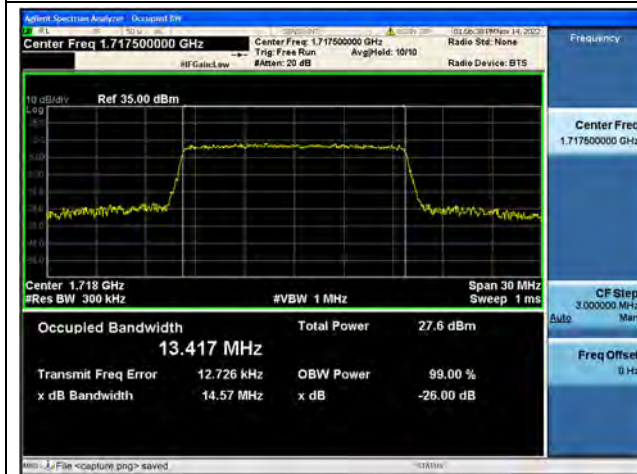
Band4 / 10MHz / 64QAM/ High CH



Band4 / 15MHz / QPSK/ Low CH



Band4 / 15MHz / 16QAM/ Low CH



Band4 / 15MHz / 64QAM/ Low CH



Band4 / 15MHz / QPSK/ Mid CH



Band4 / 15MHz / 16QAM/ Mid CH



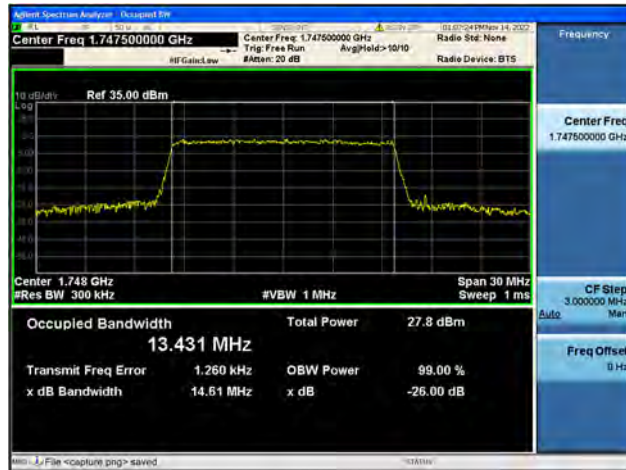
Band4 / 15MHz / 64QAM/ Mid CH



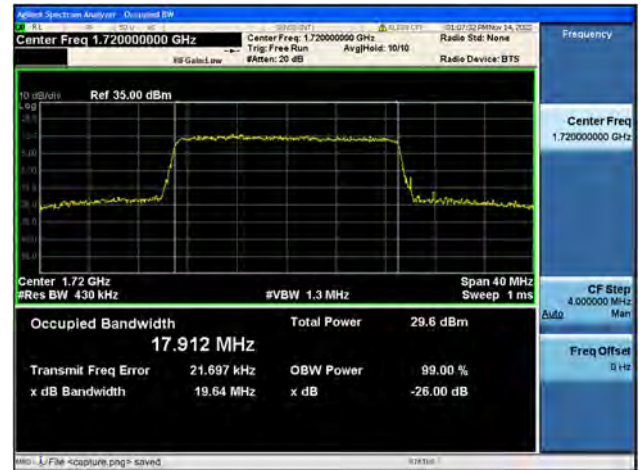
Band4 / 15MHz / QPSK/ High CH



Band4 / 15MHz / 16QAM/ High CH



Band4 / 15MHz / 64QAM/ High CH



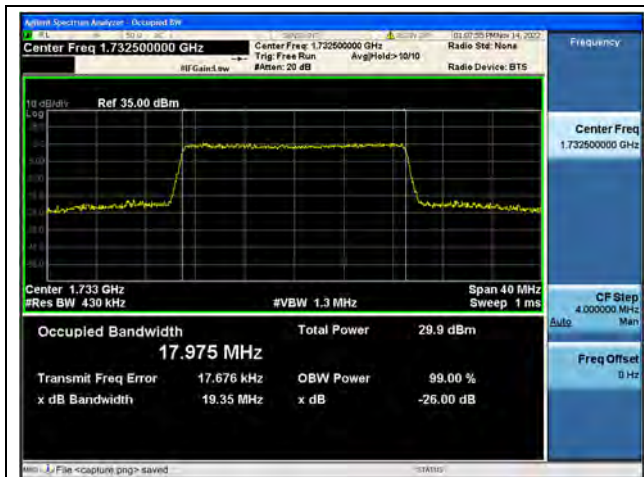
Band4 / 20MHz / QPSK/ Low CH



Band4 / 20MHz / 16QAM/ Low CH



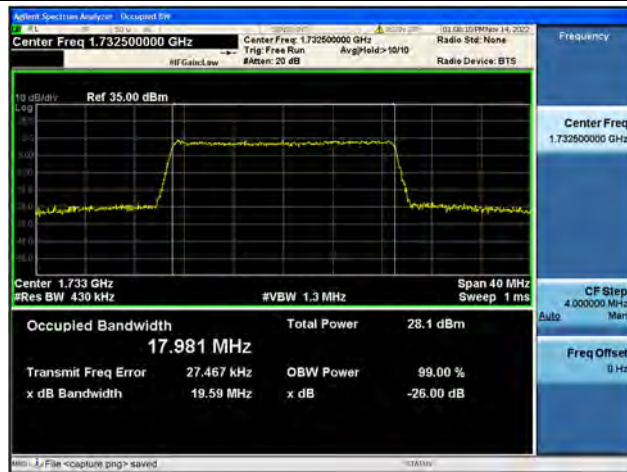
Band4 / 20MHz / 64QAM/ Low CH



Band4 / 20MHz / QPSK/ Mid CH



Band4 / 20MHz / 16QAM/ Mid CH



Band4 / 20MHz / 64QAM/ Mid CH



Band4 / 20MHz / QPSK/ High CH



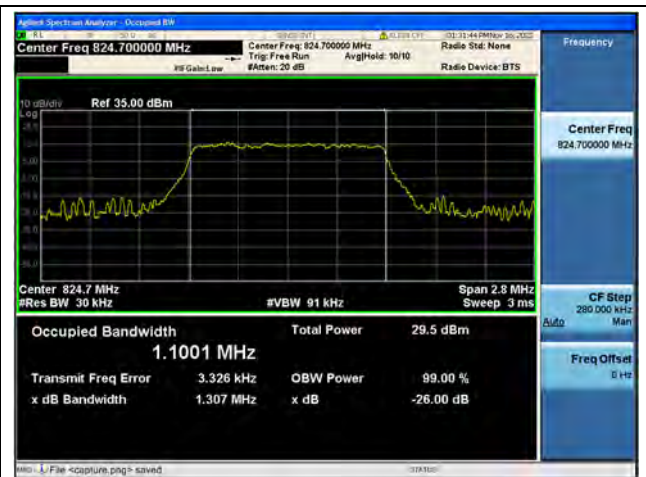
Band4 / 20MHz / 16QAM/ High CH



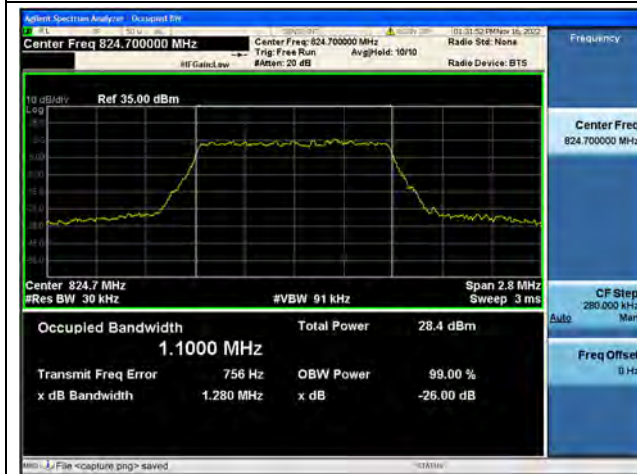
Band4 / 20MHz / 64QAM/ High CH



Band5 / 1.4MHz / QPSK/ Low CH



Band5 / 1.4MHz / 16QAM/ Low CH



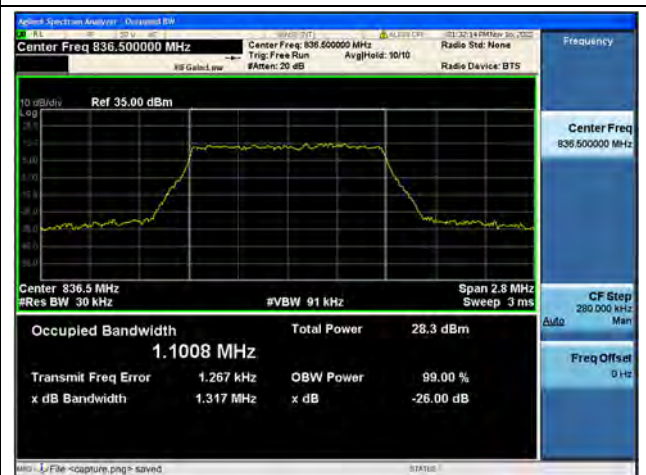
Band5 / 1.4MHz / 64QAM/ Low CH



Band5 / 1.4MHz / QPSK/ Mid CH



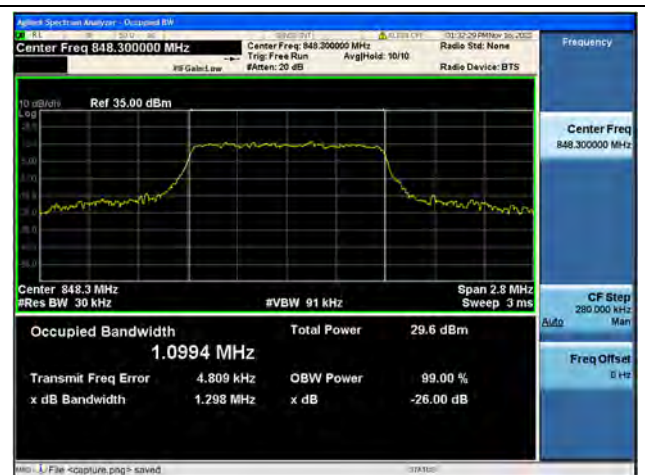
Band5 / 1.4MHz / 16QAM/ Mid CH



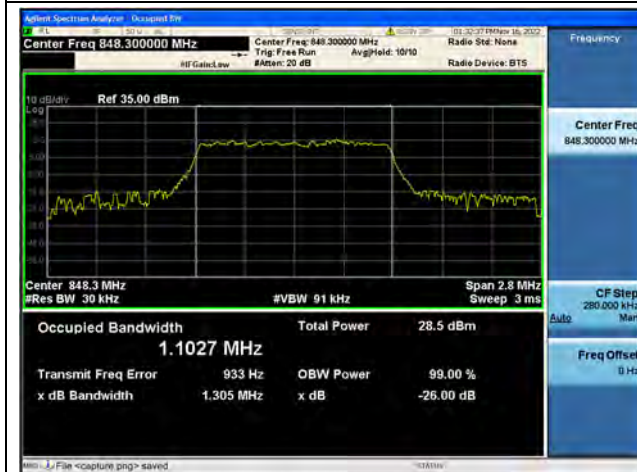
Band5 / 1.4MHz / 64QAM/ Mid CH



Band5 / 1.4MHz / QPSK/ High CH



Band5 / 1.4MHz / 16QAM/ High CH



Band5 / 1.4MHz / 64QAM/ High CH



Band5 / 3MHz / QPSK/ Low CH



Band5 / 3MHz / 16QAM/ Low CH



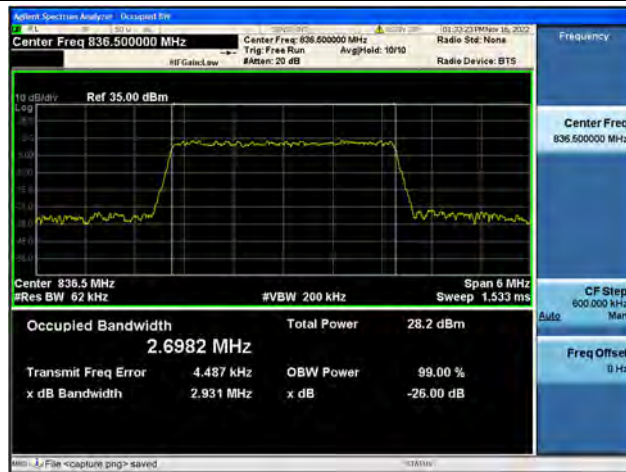
Band5 / 3MHz / 64QAM/ Low CH



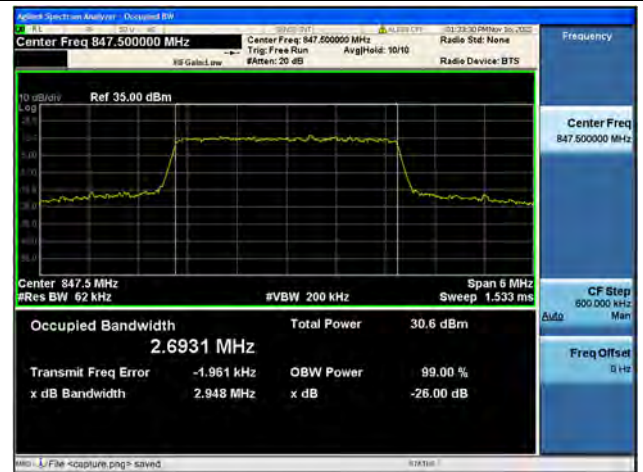
Band5 / 3MHz / QPSK/ Mid CH



Band5 / 3MHz / 16QAM/ Mid CH



Band5 / 3MHz / 64QAM/ Mid CH



Band5 / 3MHz / QPSK/ High CH



Band5 / 3MHz / 16QAM/ High CH



Band5 / 3MHz / 64QAM/ High CH



Band5 / 5MHz / QPSK/ Low CH



Band5 / 5MHz / 16QAM/ Low CH



Band5 / 5MHz / 64QAM/ Low CH



Band5 / 5MHz / QPSK/ Mid CH



Band5 / 5MHz / 16QAM/ Mid CH



Band5 / 5MHz / 64QAM/ Mid CH



Band5 / 5MHz / QPSK/ High CH



Band5 / 5MHz / 16QAM/ High CH



Band5 / 5MHz / 64QAM/ High CH



Band5 / 10MHz / QPSK/ Low CH



Band5 / 10MHz / 16QAM/ Low CH



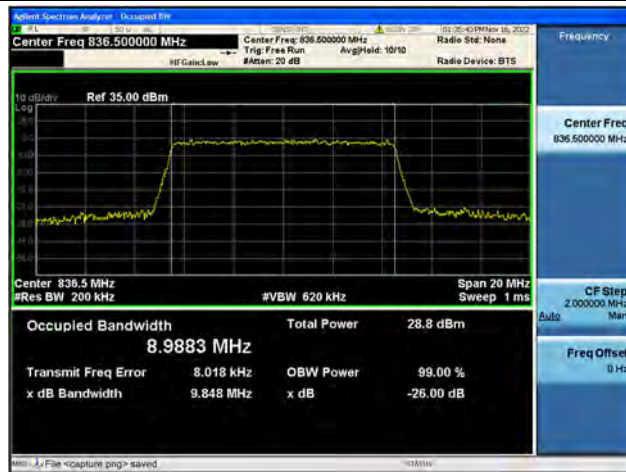
Band5 / 10MHz / 64QAM/ Low CH



Band5 / 10MHz / QPSK/ Mid CH



Band5 / 10MHz / 16QAM/ Mid CH



Band5 / 10MHz / 64QAM/ Mid CH



Band5 / 10MHz / QPSK/ High CH



Band5 / 10MHz / 16QAM/ High CH



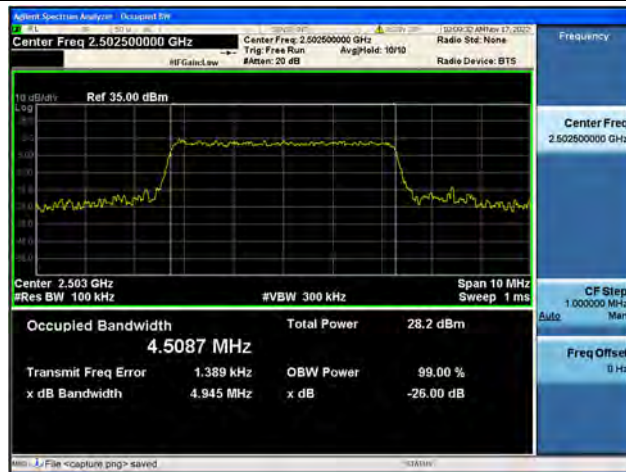
Band5 / 10MHz / 64QAM/ High CH



Band7 / 5MHz / QPSK/ Low CH



Band7 / 5MHz / 16QAM/ Low CH



Band7 / 5MHz / 64QAM/ Low CH



Band7 / 5MHz / QPSK/ Mid CH



Band7 / 5MHz / 16QAM/ Mid CH



Band7 / 5MHz / 64QAM/ Mid CH



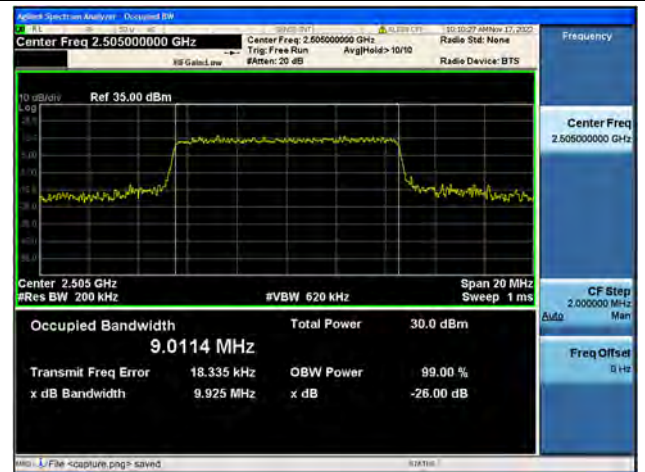
Band7 / 5MHz / QPSK/ High CH



Band7 / 5MHz / 16QAM/ High CH



Band7 / 5MHz / 64QAM/ High CH



Band7 / 10MHz / QPSK/ Low CH



Band7 / 10MHz / 16QAM/ Low CH



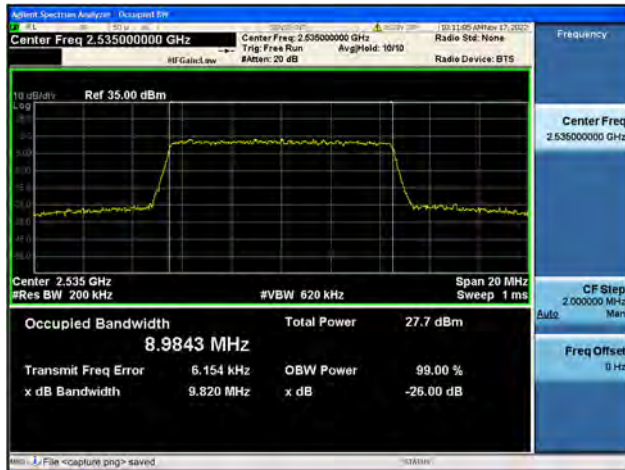
Band7 / 10MHz / 64QAM/ Low CH



Band7 / 10MHz / QPSK/ Mid CH



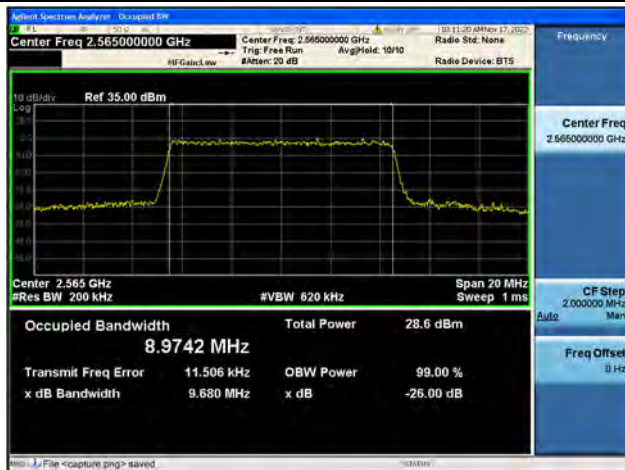
Band7 / 10MHz / 16QAM/ Mid CH



Band7 / 10MHz / 64QAM/ Mid CH



Band7 / 10MHz / QPSK/ High CH



Band7 / 10MHz / 16QAM/ High CH



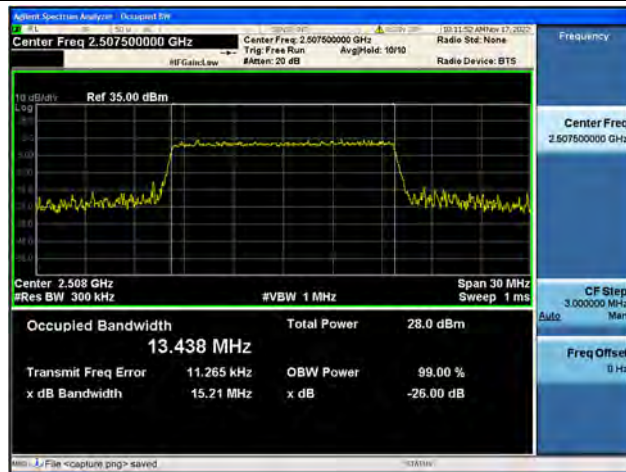
Band7 / 10MHz / 64QAM/ High CH



Band7 / 15MHz / QPSK/ Low CH



Band7 / 15MHz / 16QAM/ Low CH



Band7 / 15MHz / 64QAM/ Low CH



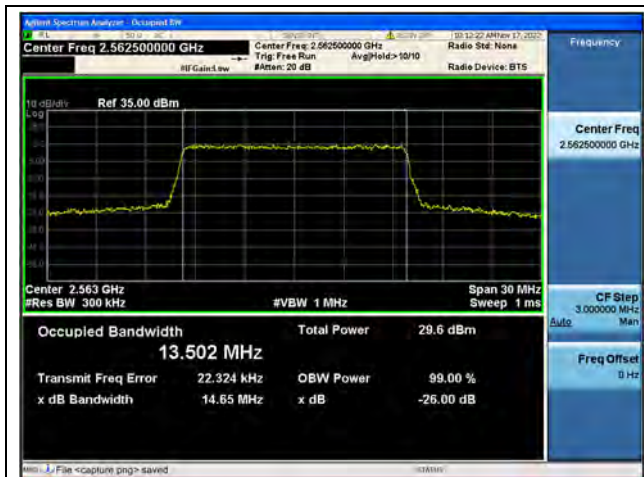
Band7 / 15MHz / QPSK/ Mid CH



Band7 / 15MHz / 16QAM/ Mid CH



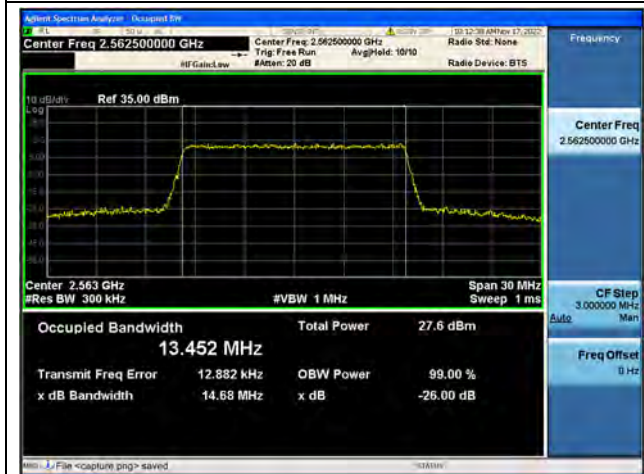
Band7 / 15MHz / 64QAM/ Mid CH



Band7 / 15MHz / QPSK/ High CH



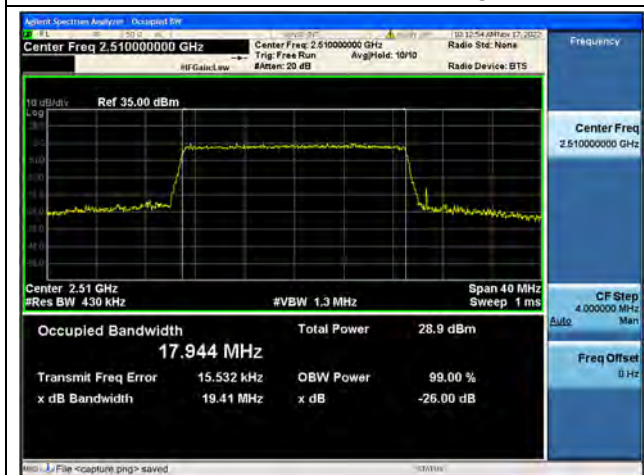
Band7 / 15MHz / 16QAM/ High CH



Band7 / 15MHz / 64QAM/ High CH



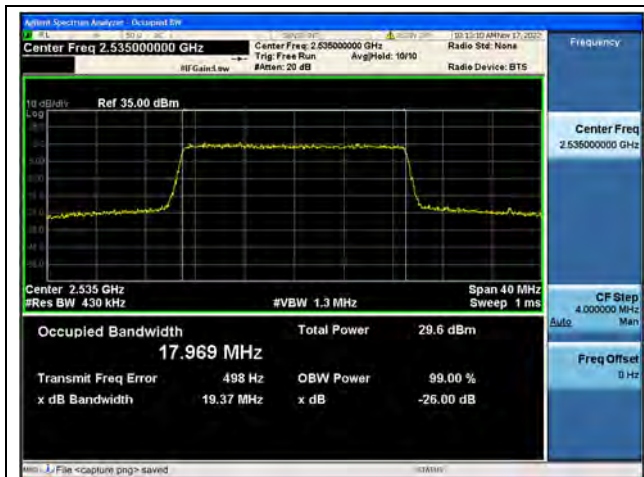
Band7 / 20MHz / QPSK/ Low CH



Band7 / 20MHz / 16QAM/ Low CH



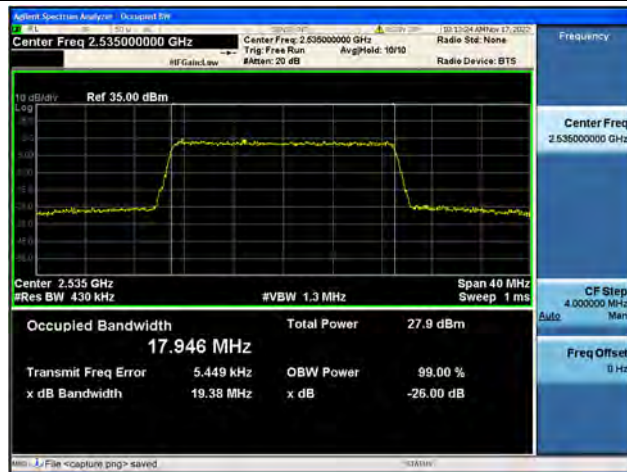
Band7 / 20MHz / 64QAM/ Low CH



Band7 / 20MHz / QPSK/ Mid CH



Band7 / 20MHz / 16QAM/ Mid CH



Band7 / 20MHz / 64QAM/ Mid CH



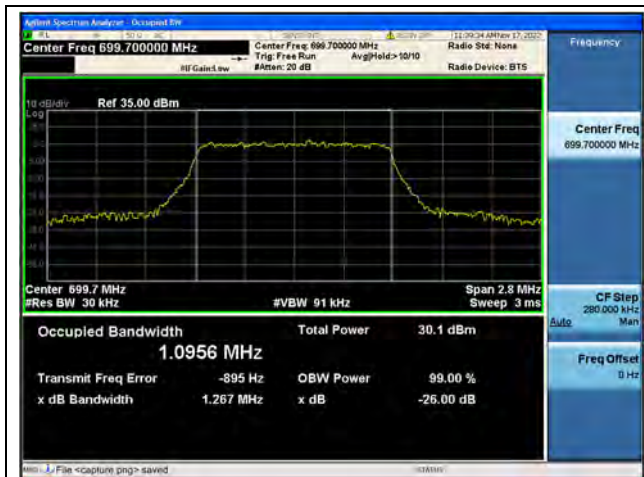
Band7 / 20MHz / QPSK/ High CH



Band7 / 20MHz / 16QAM/ High CH



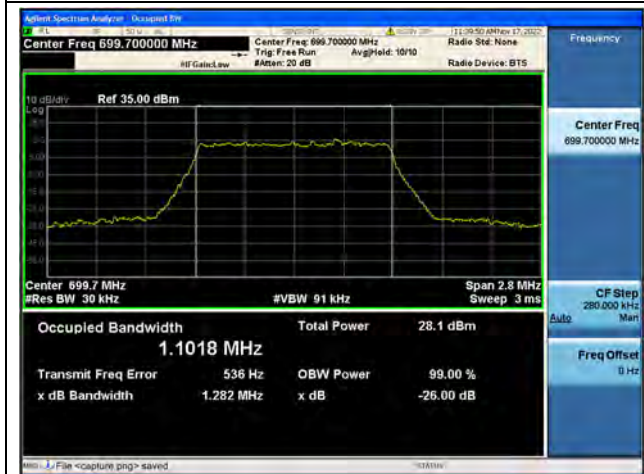
Band7 / 20MHz / 64QAM/ High CH



Band12 / 1.4MHz / QPSK/ Low CH



Band12 / 1.4MHz / 16QAM/ Low CH



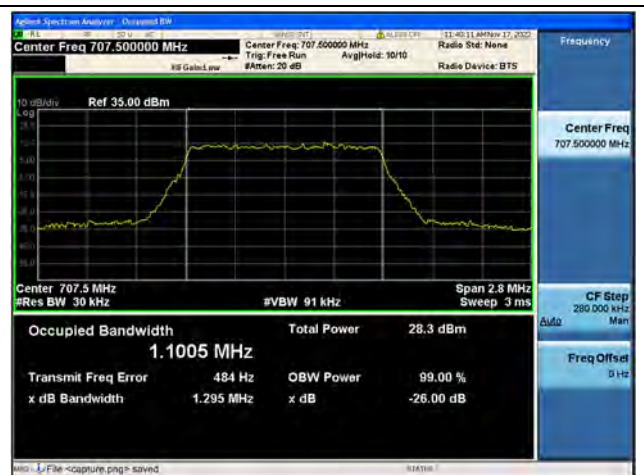
Band12 / 1.4MHz / 64QAM/ Low CH



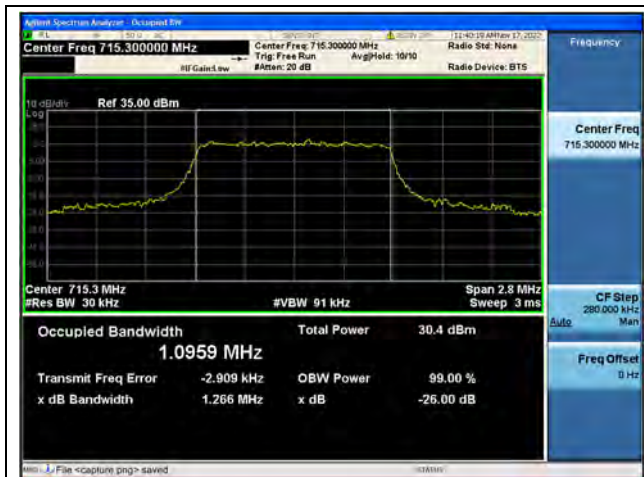
Band12 / 1.4MHz / QPSK/ Mid CH



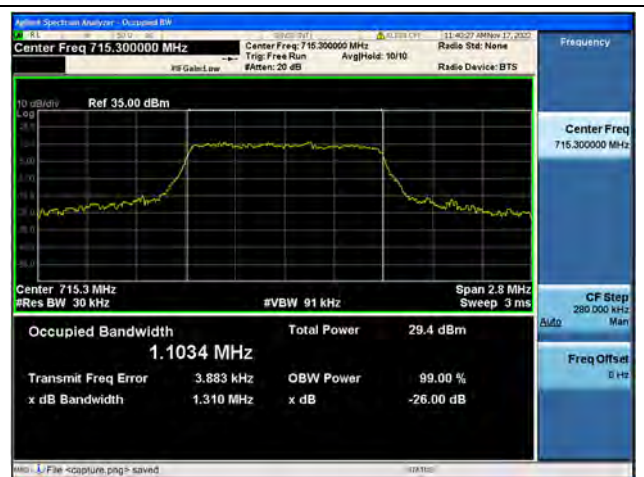
Band12 / 1.4MHz / 16QAM/ Mid CH



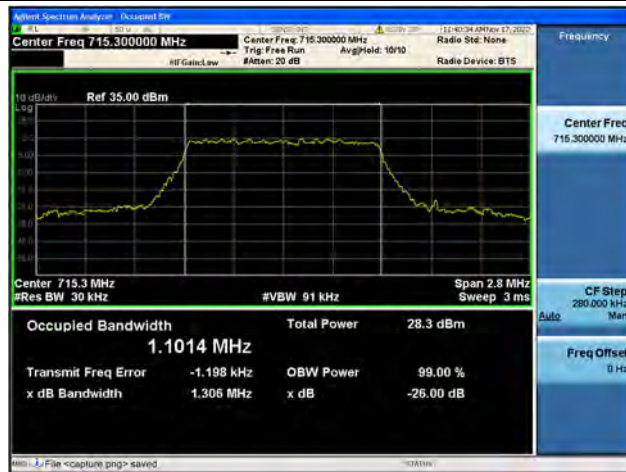
Band12 / 1.4MHz / 64QAM/ Mid CH



Band12 / 1.4MHz / QPSK/ High CH



Band12 / 1.4MHz / 16QAM/ High CH



Band12 / 1.4MHz / 64QAM/ High CH



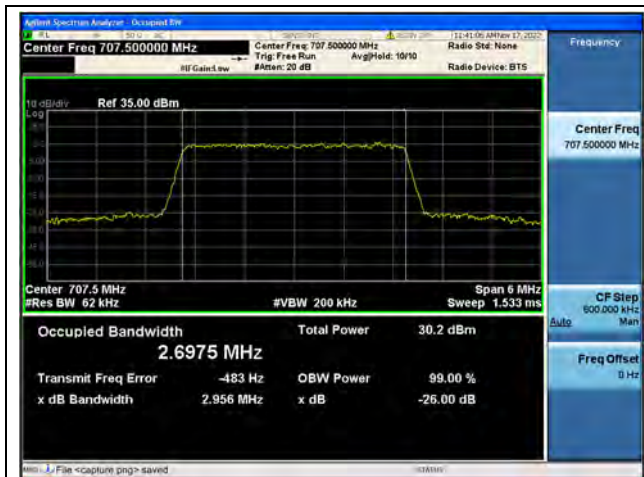
Band12 / 3MHz / QPSK/ Low CH



Band12 / 3MHz / 16QAM/ Low CH



Band12 / 3MHz / 64QAM/ Low CH



Band12 / 3MHz / QPSK/ Mid CH



Band12 / 3MHz / 16QAM/ Mid CH



Band12 / 3MHz / 64QAM/ Mid CH



Band12 / 3MHz / QPSK/ High CH



Band12 / 3MHz / 16QAM/ High CH



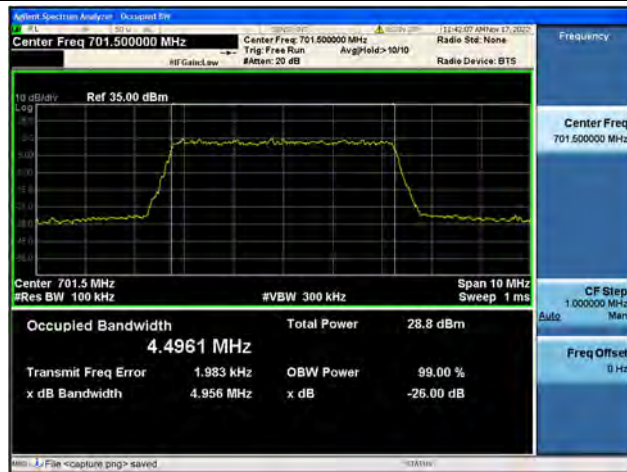
Band12 / 3MHz / 64QAM/ High CH



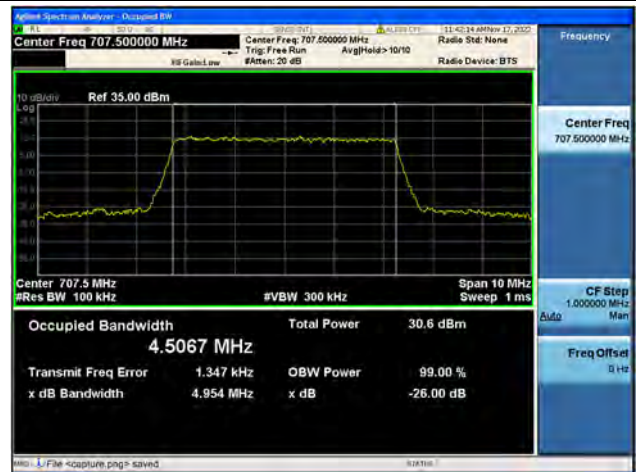
Band12 / 5MHz / QPSK/ Low CH



Band12 / 5MHz / 16QAM/ Low CH



Band12 / 5MHz / 64QAM/ Low CH



Band12 / 5MHz / QPSK/ Mid CH



Band12 / 5MHz / 16QAM/ Mid CH



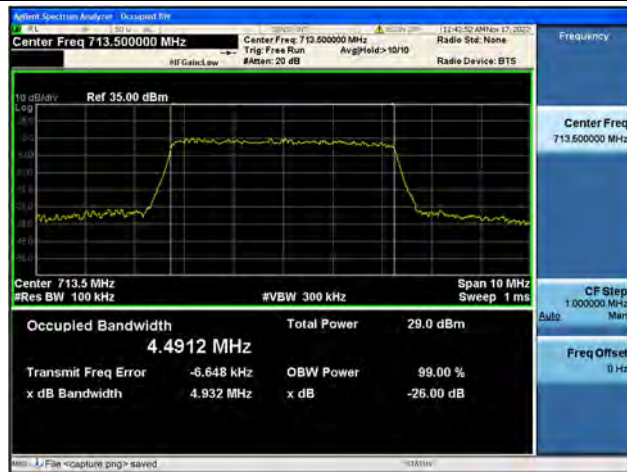
Band12 / 5MHz / 64QAM/ Mid CH



Band12 / 5MHz / QPSK/ High CH



Band12 / 5MHz / 16QAM/ High CH



Band12 / 5MHz / 64QAM/ High CH



Band12 / 10MHz / QPSK/ Low CH



Band12 / 10MHz / 16QAM/ Low CH



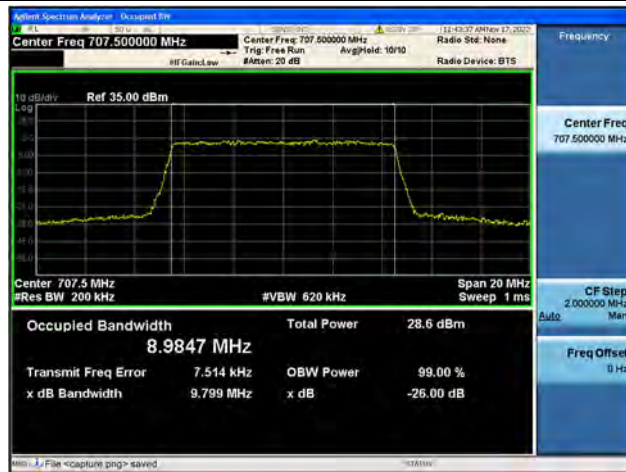
Band12 / 10MHz / 64QAM/ Low CH



Band12 / 10MHz / QPSK/ Mid CH



Band12 / 10MHz / 16QAM/ Mid CH



Band12 / 10MHz / 64QAM/ Mid CH



Band12 / 10MHz / QPSK/ High CH



Band12 / 10MHz / 16QAM/ High CH



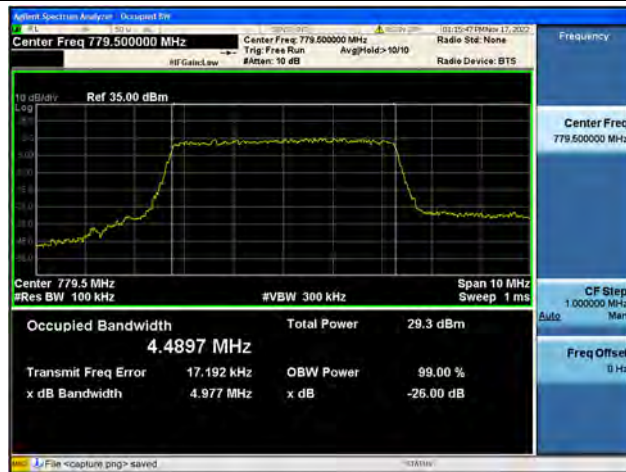
Band12 / 10MHz / 64QAM/ High CH



Band13 / 5MHz / QPSK/ Low CH



Band13 / 5MHz / 16QAM/ Low CH



Band13 / 5MHz / 64QAM/ Low CH



Band13 / 5MHz / QPSK/ Mid CH



Band13 / 5MHz / 16QAM/ Mid CH



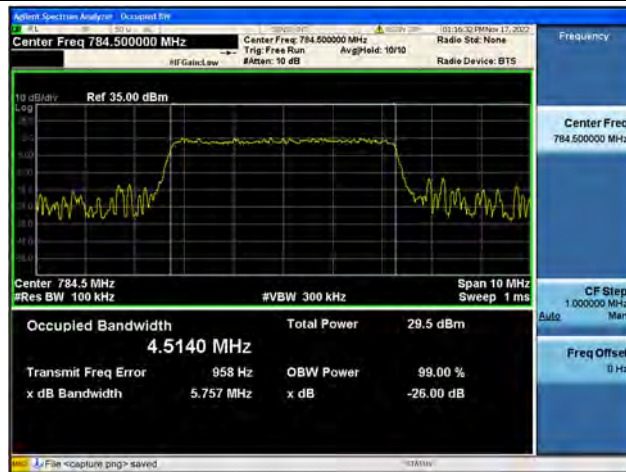
Band13 / 5MHz / 64QAM/ Mid CH



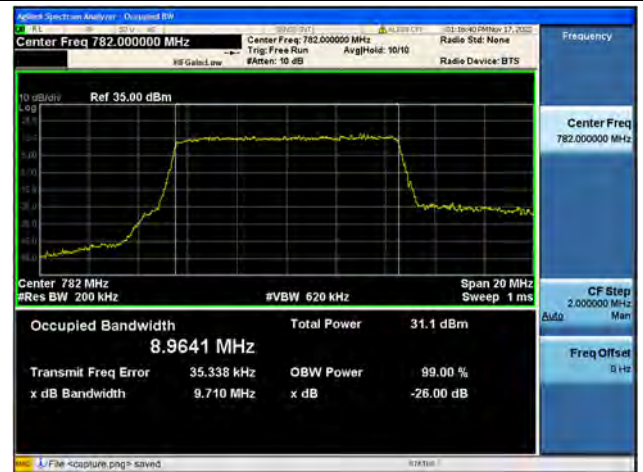
Band13 / 5MHz / QPSK/ High CH



Band13 / 5MHz / 16QAM/ High CH



Band13 / 5MHz / 64QAM/ High CH



Band13 / 10MHz / QPSK/ Low CH



Band13 / 10MHz / 16QAM/ Low CH



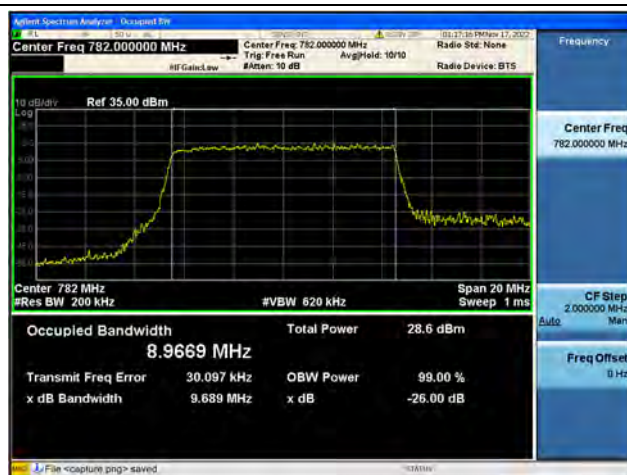
Band13 / 10MHz / 64QAM/ Low CH



Band13 / 10MHz / QPSK/ Mid CH



Band13 / 10MHz / 16QAM/ Mid CH



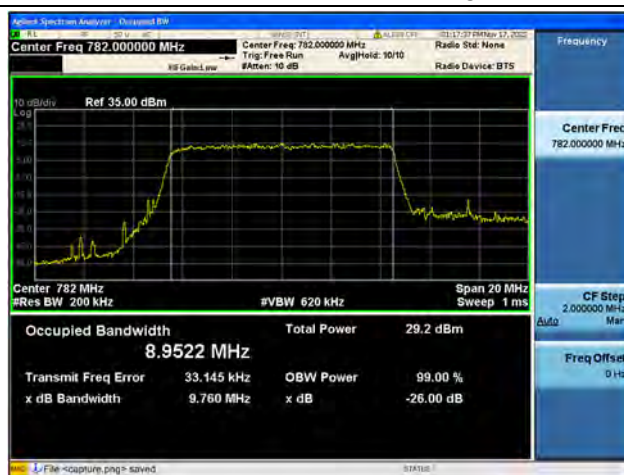
Band13 / 10MHz / 64QAM/ Mid CH



Band13 / 10MHz / QPSK/ High CH



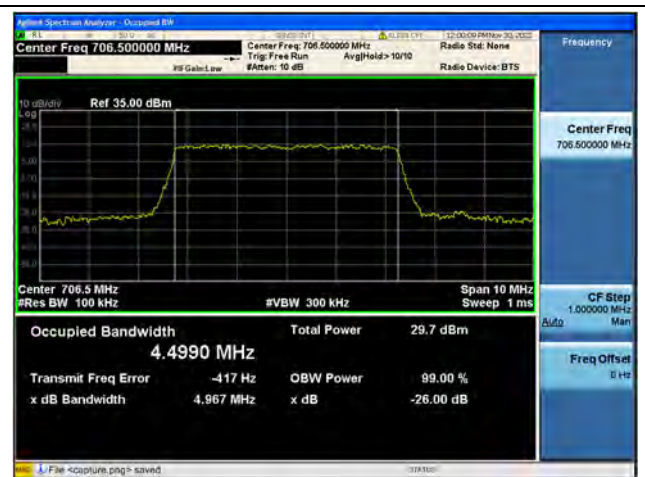
Band13 / 10MHz / 16QAM/ High CH



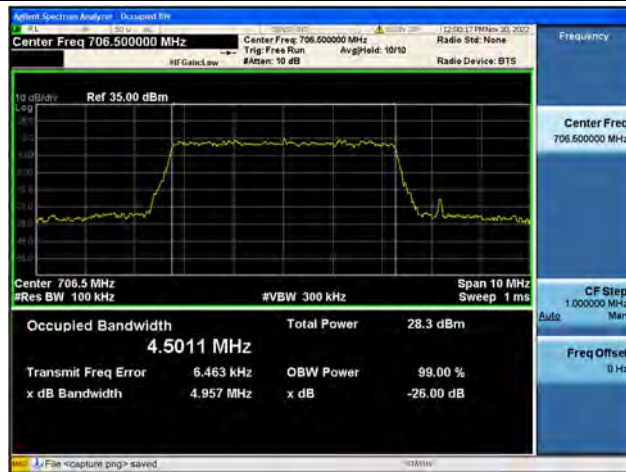
Band13 / 10MHz / 64QAM/ High CH



Band17 / 5MHz / QPSK/ Low CH



Band17 / 5MHz / 16QAM/ Low CH



Band17 / 5MHz / 64QAM/ Low CH



Band17 / 5MHz / QPSK/ Mid CH



Band17 / 5MHz / 16QAM/ Mid CH



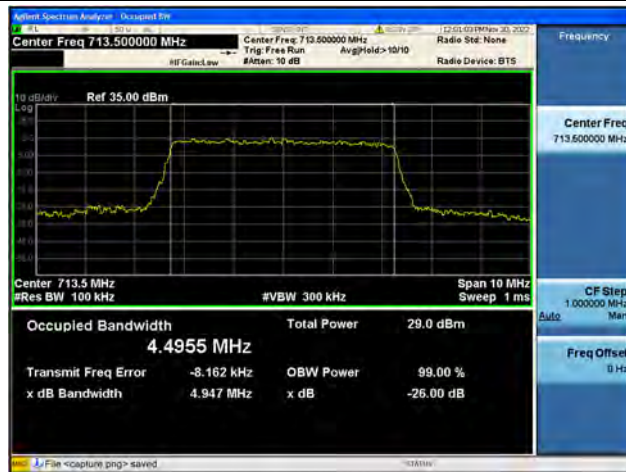
Band17 / 5MHz / 64QAM/ Mid CH



Band17 / 5MHz / QPSK/ High CH



Band17 / 5MHz / 16QAM/ High CH



Band17 / 5MHz / 64QAM/ High CH



Band17 / 10MHz / QPSK/ Low CH



Band17 / 10MHz / 16QAM/ Low CH



Band17 / 10MHz / 64QAM/ Low CH



Band17 / 10MHz / QPSK/ Mid CH



Band17 / 10MHz / 16QAM/ Mid CH



Band17 / 10MHz / 64QAM/ Mid CH



Band17 / 10MHz / QPSK/ High CH



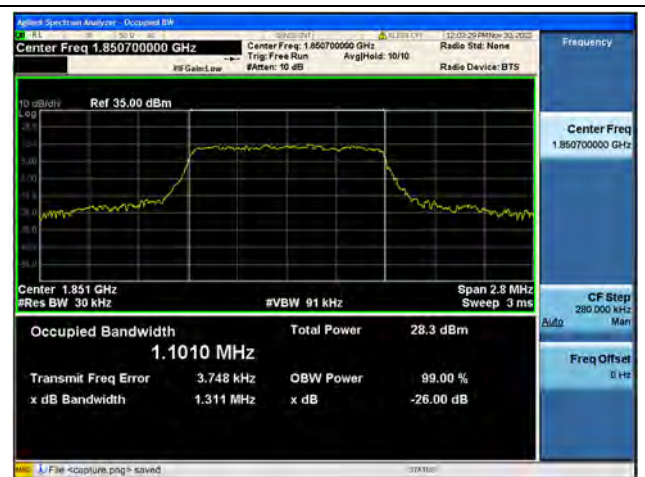
Band17 / 10MHz / 16QAM/ High CH



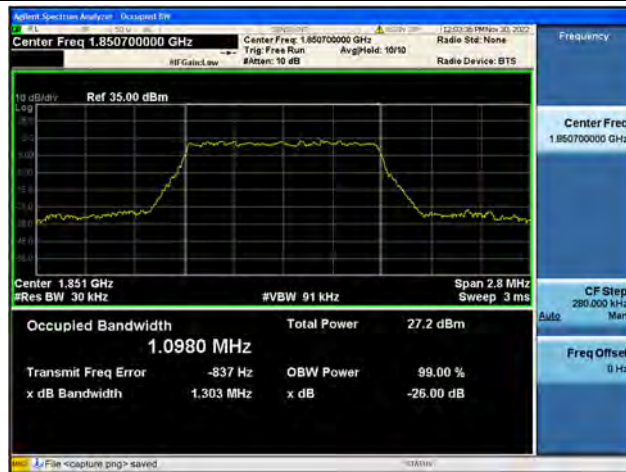
Band17 / 10MHz / 64QAM/ High CH



Band25 / 1.4MHz / QPSK/ Low CH



Band25 / 1.4MHz / 16QAM/ Low CH



Band25 / 1.4MHz / 64QAM/ Low CH



Band25 / 1.4MHz / QPSK/ Mid CH



Band25 / 1.4MHz / 16QAM/ Mid CH



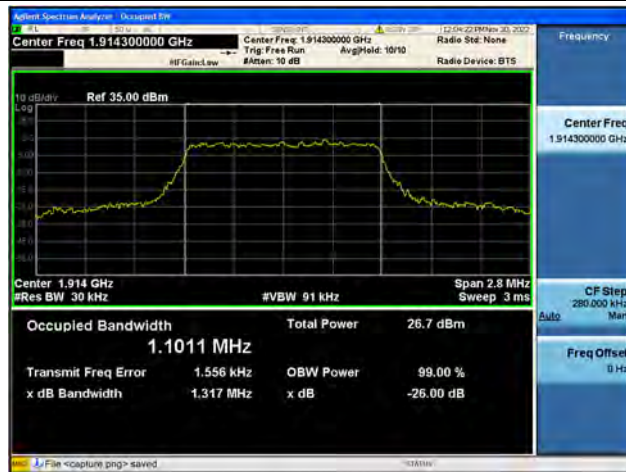
Band25 / 1.4MHz / 64QAM/ Mid CH



Band25 / 1.4MHz / QPSK/ High CH



Band25 / 1.4MHz / 16QAM/ High CH



Band25 / 1.4MHz / 64QAM/ High CH



Band25 / 3MHz / QPSK/ Low CH



Band25 / 3MHz / 16QAM/ Low CH



Band25 / 3MHz / 64QAM/ Low CH



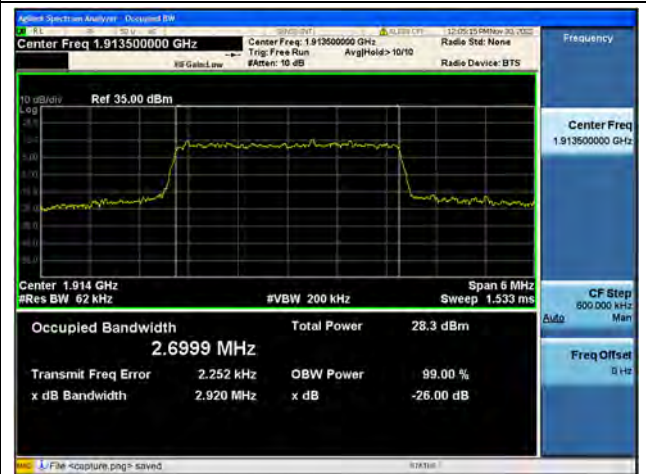
Band25 / 3MHz / QPSK/ Mid CH



Band25 / 3MHz / 16QAM/ Mid CH



Band25 / 3MHz / 64QAM/ Mid CH



Band25 / 3MHz / QPSK/ High CH



Band25 / 3MHz / 16QAM/ High CH



Band25 / 3MHz / 64QAM/ High CH