



TEST REPORT

APPLICANT : Rhino Mobility LLC

PRODUCT NAME : Tablet

MODEL NAME : T100

BRAND NAME : RHINO

FCC ID : 2AUOUT100

STANDARD(S) : 47 CFR Part 2
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

RECEIPT DATE : 2023-04-11

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DIRECTORY

- 1. Technical Information 3**
- 1.1. Applicant and Manufacturer Information 3**
- 1.2. Equipment Under Test (EUT) Description 3**
- 1.3. Maximum E.R.P./E.I.R.P. and Emission Designator 7**
- 1.4. Test Standards and Results 10**
- 1.5. Environmental Conditions 11**
- 2. 47 CFR Part 2, Part 22H, Part 24E, Part 27 D&F&H&L&M&N Requirements 12**
- 2.1. Transmitter Conducted Output Power and E.R.P./E.I.R.P. 12**
- 2.2. Occupied Bandwidth 140**
- 2.3. Frequency Stability 247**
- 2.4. Peak to Average Radio 256**
- 2.5. Conducted Spurious Emissions 301**
- 2.6. Band Edge 338**
- 2.7. Radiated Spurious Emissions 385**
- Annex A Test Uncertainty 435**
- Annex B Testing Laboratory Information 436**

Change History		
Version	Date	Reason for change
1.0	2023-07-25	First edition



1. Technical Information

Note: Provide by applicant.

1.1. Applicant and Manufacturer Information

Applicant:	Rhino Mobility LLC
Applicant Address:	8 The Green, Suite A, Dover, Delaware, 19901, USA
Manufacturer:	Rhino Mobility LLC
Manufacturer Address:	8 The Green, Suite A, Dover, Delaware, 19901, USA

1.2. Equipment Under Test (EUT) Description

Product Name:	Tablet	
Sample No.:	8#	
Hardware Version:	T8005_V1.0	
Software Version:	T100(001)_20230610	
Modulation Type:	QPSK, 16QAM, 64QAM	
Operation Band:	Band 2 / 4 / 5 / 7 / 12 / 13 / 17 / 18 / 19 / 25 / 26 / 30 / 41 / 66 / 71 Band 29 only support receiver	
Carrier Aggregation:	CA_7C, CA_41	
Frequency Range:	LTE Band 2	Tx: 1850MHz–1910MHz
		Rx: 1930MHz–1990MHz
	LTE Band 4	Tx: 1710MHz–1755MHz
		Rx: 2110MHz–2155MHz
	LTE Band 5	Tx: 824MHz–849MHz
		Rx: 869MHz–894MHz
	LTE Band 7	Tx: 2500MHz–2570MHz
		Rx: 2620MHz–2690MHz
	LTE Band 12	Tx: 699MHz–716MHz
		Rx: 729MHz–746MHz
	LTE Band 13	Tx: 777MHz–787MHz
		Rx: 746MHz–756MHz
	LTE Band 17	Tx: 704MHz–716MHz
		Rx: 734MHz–746MHz



Frequency Range:	LTE Band 18	Tx: 824MHz–830MHz Rx: 869MHz–875MHz
	LTE Band 19	Tx: 830MHz–845MHz Rx: 875MHz–890MHz
	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 41	Tx: 2496MHz–2690MHz Rx: 2496MHz–2690MHz
	LTE Band 66	Tx: 1710MHz –1780MHz Rx: 2110MHz–2200MHz
	LTE Band 71	Tx: 663MHz–698MHz Rx: 617MHz–652MHz
	Channel Bandwidth:	LTE Band 2
LTE Band 4		1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
LTE Band 5		1.4MHz, 3MHz, 5MHz, 10MHz
LTE Band 7		5 MHz, 10MHz, 15MHz, 20MHz
LTE Band 12		1.4MHz, 3 MHz, 5 MHz, 10MHz
LTE Band 13		5 MHz, 10MHz
LTE Band 17		5 MHz, 10MHz
LTE Band 18		5 MHz
LTE Band 19		5 MHz, 10MHz, 15MHz
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
LTE Band 41		5 MHz, 10MHz, 15MHz, 20MHz
LTE Band 66		1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
LTE Band 71	5MHz, 10MHz, 15MHz, 20MHz	
Antenna Type:	PIFA Antenna	
Antenna Gain:	LTE Band 2	2.29dBi
	LTE Band 4	3.82dBi
	LTE Band 5	-0.56dBi
	LTE Band 7	5.16dBi



Antenna Gain:	LTE Band 12	-0.44dBi
	LTE Band 13	1.34dBi
	LTE Band 17	-0.44dBi
	LTE Band 18	-0.56dBi
	LTE Band 19	-0.56dBi
	LTE Band 25	2.29dBi
	LTE Band 26	-0.56dBi
	LTE Band 30	4.19dBi
	LTE Band 41	5.16dBi
	LTE Band 66	3.82dBi
	LTE Band 71	-0.44dBi
Accessory Information:	Battery	
	Brand Name:	N/A
	Model No.:	BPT100
	Serial No.:	N/A
	Capacity:	6000mAh
	Rated Voltage:	3.85V
	Charge Limit:	4.4V
	Manufacturer:	Huizhou Highpower Technology Co., Ltd.
	AC Adapter	
	Brand Name:	RHINO
	Model No.:	TPA-10S120150UU01
	Serial No.:	N/A
	Rated Output:	3.6V-6.0V=3A or 6.0V-9.0V=2.0A or 9.0V-12.0V=1.5A
	Rated Input:	100-240V~50/60Hz, 0.6A
	Manufacturer:	Shenzhen Tianyin Electronics Co., Ltd.
	USB Cable 1	
	Model No.:	188.123022001-09
	Manufacturer:	Yibin Ruirun Electronics Co., Ltd.
	USB Cable 2	
	Model No.:	188.123022002-09
	Manufacturer:	Yibin Ruirun Electronics Co., Ltd.
USB Cable 3		
Model No.:	USB TYPE A TO C 2.0 Cable 2.0m	
Manufacturer:	HUIZHOU WASHIN ELECTRONICTS CO.,LTD.	



Accessory Information:	USB Cable 4	
	Model No.:	USB TYPE A TO C 2.0 Cable 1.0m
	Manufacturer:	HUIZHOU WASHIN ELECTRONICTS CO.,LTD.

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	0.356	0.286	0.226	18M0G7D	18M0W7D	18M0W7D	
15	0.354	0.286	0.231	13M5G7D	13M5W7D	13M5W7D	
10	0.352	0.290	0.228	9M00G7D	8M97W7D	8M98W7D	
5	0.352	0.288	0.228	4M50G7D	4M51W7D	4M52W7D	
3	0.353	0.283	0.232	2M70G7D	2M70W7D	2M70W7D	
1.4	0.352	0.290	0.229	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	0.520	0.419	0.333	18M0G7D	18M0W7D	18M0W7D	
15	0.515	0.418	0.330	13M5G7D	13M5W7D	13M5W7D	
10	0.514	0.415	0.328	9M00G7D	8M98W7D	8M98W7D	
5	0.515	0.415	0.329	4M51G7D	4M52W7D	4M51W7D	
3	0.513	0.415	0.333	2M70G7D	2M70W7D	2M70W7D	
1.4	0.514	0.410	0.331	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	0.123	0.100	0.079	9M02G7D	8M99W7D	9M00W7D	
5	0.122	0.099	0.081	4M51G7D	4M51W7D	4M52W7D	
3	0.122	0.101	0.081	2M70G7D	2M70W7D	2M71W7D	
1.4	0.122	0.100	0.080	1M10G7D	1M11W7D	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	0.461	0.364	0.295	18M0G7D	18M0W7D	18M0W7D	
15	0.458	0.360	0.294	13M5G7D	13M5W7D	13M5W7D	
10	0.459	0.360	0.287	9M01G7D	8M97W7D	9M00W7D	
5	0.458	0.361	0.295	4M51G7D	4M51W7D	4M52W7D	
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	0.136	0.106	0.086	9M00G7D	8M98W7D	9M02W7D	
5	0.135	0.109	0.084	4M51G7D	4M51W7D	4M52W7D	
3	0.134	0.108	0.085	2M71G7D	2M70W7D	2M71W7D	
1.4	0.135	0.107	0.085	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		0.202	0.157	0.129	8M99G7D	8M96W7D	8M97W7D
5		0.201	0.160	0.129	4M51G7D	4M51W7D	4M52W7D
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		0.134	0.105	0.087	9M03G7D	8M98W7D	9M01W7D
5		0.133	0.108	0.086	4M52G7D	4M51W7D	4M52W7D
LTE Band 18		Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
5		0.130	0.105	0.082	4M51G7D	4M50W7D	4M51W7D
LTE Band 19		Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
15		0.103	0.080	0.065	13M5G7D	13M4W7D	13M4W7D
10		0.129	0.104	0.083	9M00G7D	8M96W7D	9M00W7D
5		0.129	0.105	0.079	4M52G7D	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		0.372	0.296	0.233	17M9G7D	17M9W7D	17M9W7D
15		0.370	0.296	0.237	13M5G7D	13M5W7D	13M4W7D
10		0.371	0.294	0.231	8M97G7D	8M96W7D	8M98W7D
5		0.368	0.298	0.236	4M51G7D	4M51W7D	4M51W7D
3		0.372	0.295	0.233	2M71G7D	2M71W7D	2M71W7D
1.4		0.368	0.293	0.236	1M10G7D	1M11W7D	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		0.131	0.102	0.084	13M5G7D	13M5W7D	13M5W7D
10		0.128	0.104	0.080	9M02G7D	8M98W7D	9M00W7D
5		0.129	0.103	0.080	4M50G7D	4M51W7D	4M52W7D
3		0.129	0.102	0.081	2M70G7D	2M71W7D	2M71W7D
1.4		0.129	0.099	0.078	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		0.509	0.411	0.327	8M99G7D	8M96W7D	8M99W7D
5		0.506	0.418	0.330	4M51G7D	4M50W7D	4M52W7D



LTE Band 66	Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
	BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM
20	0.528	0.414	0.333	17M9G7D	18M0W7D	18M0W7D
15	0.525	0.414	0.333	13M5G7D	13M5W7D	13M5W7D
10	0.525	0.428	0.336	8M99G7D	8M98W7D	8M99W7D
5	0.524	0.419	0.333	4M51G7D	4M51W7D	4M51W7D
3	0.526	0.422	0.330	2M70G7D	2M70W7D	2M71W7D
1.4	0.524	0.439	0.341	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
20	0.105	0.086	0.068	17M9G7D	17M9W7D	17M9W7D
15	0.129	0.105	0.084	13M5G7D	13M5W7D	13M5W7D
10	0.129	0.106	0.084	9M01G7D	8M98W7D	9M00W7D
5	0.128	0.107	0.085	4M52G7D	4M51W7D	4M51W7D

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	1.442	1.148	0.908	0.726	0.574	0.451
15	1.432	1.146	0.910	0.719	0.573	0.458
10	1.435	1.151	0.923	0.721	0.578	0.460
5	1.429	1.159	0.916	0.719	0.575	0.460
LTE Band 41	Emission Designator (99%OBW)					
	BW(MHz)	QPSK		16QAM		64QAM
5	4M52G7D		4M51W7D		4M52W7D	
10	9M00G7D		8M98W7D		8M97W7D	
15	13M5G7D		13M5W7D		13M5W7D	
20	18M0G7D		18M0W7D		17M9W7D	



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)	Transmitter Conducted Output Power and E.R.P./E.I.R.P.	Jun. 20, 2023	Chen Hao Li Huaijie	PASS	No deviation
2.1049	Occupied Bandwidth	Apr. 18&19, 2023	Li Huaijie	PASS	No deviation
2.1055 22.355 24.235 27.54	Frequency Stability	Apr. 18, 2023	Li Huaijie	PASS	No deviation
24.232(d), 27.50(d)(5)	Peak to Average Radio	Apr. 18&19, 2023	Li Huaijie	PASS	No deviation
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)	Conducted Spurious Emissions	Apr. 18&19, 2023	Li Huaijie	PASS	No deviation



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)	Band Edge	Apr. 17&18, 2023	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)	Radiated Spurious Emissions	Jul. 15, 2023	Li Hanbin	PASS	No deviation

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

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

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

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

1.5. Environmental Conditions

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

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



2.47 CFR Part 2, Part 22H, Part 24E, Part 27 D&F&H&L&M&N Requirements

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

2.1.1. Requirement

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

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

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

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

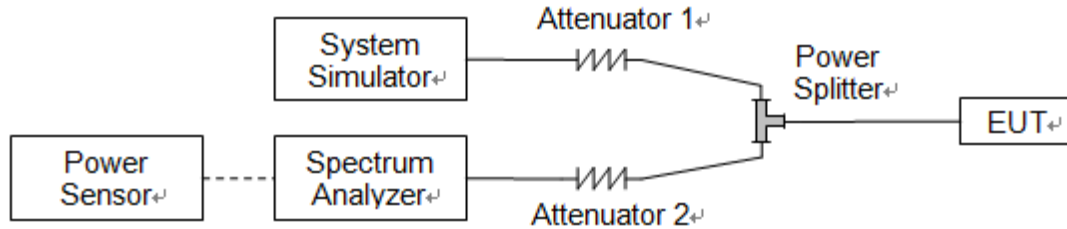
According to FCC section 27.50 (h)(2) for LTE Band 7/41, Mobile and other user stations. Mobile stations are limited to 2 watts E.I.R.P. All user stations are limited to 2 watts transmitter output power.

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.

2.1.2. Test Description



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

2.1.3. Test Procedure

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

E.I.R.P. (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)

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



2.1.4. Result

Conducted Output Power

LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18700	18900	19100
Frequency (MHz)				1860	1880	1900
20	QPSK	1	0	23.15	23.23	23.12
20	QPSK	1	49	23.04	23.09	23.06
20	QPSK	1	99	23.11	23.15	23.13
20	QPSK	50	0	22.22	22.35	22.27
20	QPSK	50	24	22.13	22.26	22.18
20	QPSK	50	50	22.15	22.16	22.22
20	QPSK	100	0	22.14	22.20	22.19
20	16QAM	1	0	22.19	22.28	22.13
20	16QAM	1	49	22.08	22.18	22.20
20	16QAM	1	99	22.16	22.15	22.07
20	16QAM	50	0	21.18	21.29	21.23
20	16QAM	50	24	21.17	21.16	21.10
20	16QAM	50	50	21.20	21.24	21.16
20	16QAM	100	0	21.15	21.21	21.12
20	64QAM	1	0	21.14	21.26	21.15
20	64QAM	1	49	21.20	21.23	21.09
20	64QAM	1	99	21.16	21.11	21.13
20	64QAM	50	0	20.31	20.37	20.33
20	64QAM	50	24	20.19	20.27	20.30
20	64QAM	50	50	20.15	20.18	20.14
20	64QAM	100	0	20.23	20.25	20.21



LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18675	18900	19125
Frequency (MHz)				1857.5	1880	1902.5
15	QPSK	1	0	23.07	23.20	23.08
15	QPSK	1	37	23.12	23.08	23.07
15	QPSK	1	74	23.06	23.09	23.11
15	QPSK	36	0	22.05	22.31	22.30
15	QPSK	36	20	22.11	22.23	22.21
15	QPSK	36	39	22.15	22.11	22.29
15	QPSK	75	0	22.08	22.12	22.03
15	16QAM	1	0	22.23	22.28	22.15
15	16QAM	1	37	22.16	22.05	22.27
15	16QAM	1	74	22.17	22.27	22.06
15	16QAM	36	0	20.98	21.12	21.22
15	16QAM	36	20	21.16	21.00	20.96
15	16QAM	36	39	21.01	21.28	21.16
15	16QAM	75	0	21.27	21.22	21.00
15	64QAM	1	0	21.09	21.34	21.20
15	64QAM	1	37	21.24	21.25	21.06
15	64QAM	1	74	21.21	21.01	21.04
15	64QAM	36	0	20.21	20.32	20.12
15	64QAM	36	20	20.17	20.21	20.38
15	64QAM	36	39	20.06	20.18	20.23
15	64QAM	75	0	20.11	20.25	20.16



LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18650	18900	19150
Frequency (MHz)				1855	1880	1905
10	QPSK	1	0	23.16	23.18	23.03
10	QPSK	1	25	23.05	23.17	23.12
10	QPSK	1	49	23.11	23.12	23.06
10	QPSK	25	0	22.06	22.18	22.30
10	QPSK	25	12	22.05	22.18	22.27
10	QPSK	25	25	22.05	22.24	22.06
10	QPSK	50	0	22.20	22.27	22.27
10	16QAM	1	0	22.11	22.33	22.20
10	16QAM	1	25	22.13	22.09	22.34
10	16QAM	1	49	22.12	22.19	22.13
10	16QAM	25	0	21.08	21.15	21.28
10	16QAM	25	12	21.27	21.25	21.09
10	16QAM	25	25	21.15	21.25	21.15
10	16QAM	50	0	21.20	21.33	21.15
10	64QAM	1	0	21.29	21.08	21.24
10	64QAM	1	25	21.17	21.07	21.08
10	64QAM	1	49	21.26	21.00	21.13
10	64QAM	25	0	20.43	20.34	20.22
10	64QAM	25	12	20.13	20.21	20.30
10	64QAM	25	25	20.08	20.15	20.21
10	64QAM	50	0	20.20	20.28	20.08



LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18625	18900	19175
Frequency (MHz)				1852.5	1880	1907.5
5	QPSK	1	0	23.15	23.18	23.16
5	QPSK	1	12	23.06	23.15	23.14
5	QPSK	1	24	23.12	23.15	23.16
5	QPSK	12	0	22.17	22.24	22.08
5	QPSK	12	7	22.09	22.23	22.02
5	QPSK	12	13	22.14	22.02	22.06
5	QPSK	25	0	22.12	22.31	22.19
5	16QAM	1	0	22.06	22.24	22.07
5	16QAM	1	12	22.09	22.19	22.30
5	16QAM	1	24	22.28	22.24	21.99
5	16QAM	12	0	21.24	21.14	21.09
5	16QAM	12	7	21.03	21.04	21.08
5	16QAM	12	13	21.24	21.34	21.02
5	16QAM	25	0	21.20	21.26	21.16
5	64QAM	1	0	21.11	21.28	21.05
5	64QAM	1	12	21.13	21.05	21.09
5	64QAM	1	24	21.23	21.13	21.11
5	64QAM	12	0	20.13	20.22	20.26
5	64QAM	12	7	20.10	20.14	20.22
5	64QAM	12	13	20.09	20.01	20.19
5	64QAM	25	0	20.21	20.16	20.17



LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18615	18900	19185
Frequency (MHz)				1851.5	1880	1908.5
3	QPSK	1	0	23.13	23.19	23.08
3	QPSK	1	8	23.09	23.15	23.05
3	QPSK	1	14	23.07	23.13	23.09
3	QPSK	8	0	22.20	22.39	22.32
3	QPSK	8	4	22.26	22.41	22.08
3	QPSK	8	7	22.25	22.20	22.15
3	QPSK	15	0	22.02	22.31	22.23
3	16QAM	1	0	22.04	22.17	22.08
3	16QAM	1	8	22.19	21.99	22.10
3	16QAM	1	14	22.23	22.04	22.11
3	16QAM	8	0	21.02	21.22	21.23
3	16QAM	8	4	21.31	21.24	21.18
3	16QAM	8	7	21.19	21.22	20.98
3	16QAM	15	0	21.05	21.35	21.18
3	64QAM	1	0	21.02	21.37	21.01
3	64QAM	1	8	21.23	21.04	21.08
3	64QAM	1	14	21.03	21.15	21.13
3	64QAM	8	0	20.32	20.39	20.21
3	64QAM	8	4	20.09	20.34	20.29
3	64QAM	8	7	20.07	20.06	20.21
3	64QAM	15	0	20.10	20.31	20.18



LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18607	18900	19193
Frequency (MHz)				1850.7	1880	1909.3
1.4	QPSK	1	0	23.17	23.17	23.12
1.4	QPSK	1	3	23.13	23.04	23.06
1.4	QPSK	1	5	23.12	23.02	23.09
1.4	QPSK	3	0	22.36	22.43	22.32
1.4	QPSK	3	1	22.20	22.11	22.05
1.4	QPSK	3	3	22.16	22.28	22.36
1.4	QPSK	6	0	22.21	22.11	22.30
1.4	16QAM	1	0	22.08	22.34	22.15
1.4	16QAM	1	3	22.13	22.05	22.13
1.4	16QAM	1	5	22.06	22.05	22.16
1.4	16QAM	3	0	21.24	21.38	21.04
1.4	16QAM	3	1	21.11	21.09	21.05
1.4	16QAM	3	3	21.22	21.35	21.22
1.4	16QAM	6	0	21.23	21.31	20.99
1.4	64QAM	1	0	21.05	21.30	21.15
1.4	64QAM	1	3	21.05	21.31	21.24
1.4	64QAM	1	5	21.27	21.18	21.25
1.4	64QAM	3	0	20.24	20.23	20.17
1.4	64QAM	3	1	20.09	20.25	20.13
1.4	64QAM	3	3	20.26	20.32	20.12
1.4	64QAM	6	0	20.21	20.38	20.19



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20050	20175	20300
Frequency (MHz)				1720	1732.5	1745
20	QPSK	1	0	23.25	23.34	23.20
20	QPSK	1	49	23.18	23.21	23.23
20	QPSK	1	99	23.27	23.23	23.17
20	QPSK	50	0	22.30	22.38	22.28
20	QPSK	50	24	22.34	22.23	22.29
20	QPSK	50	50	22.20	22.14	22.27
20	QPSK	100	0	22.12	22.22	22.18
20	16QAM	1	0	22.26	22.36	22.09
20	16QAM	1	49	22.10	22.40	22.19
20	16QAM	1	99	22.09	22.35	22.17
20	16QAM	50	0	21.28	21.36	21.42
20	16QAM	50	24	21.21	21.24	21.18
20	16QAM	50	50	21.17	21.33	21.30
20	16QAM	100	0	21.26	21.29	21.23
20	64QAM	1	0	21.30	21.22	21.30
20	64QAM	1	49	21.39	21.41	21.25
20	64QAM	1	99	21.34	21.23	21.14
20	64QAM	50	0	20.36	20.40	20.43
20	64QAM	50	24	20.15	20.41	20.33
20	64QAM	50	50	20.12	20.34	20.32
20	64QAM	100	0	20.37	20.24	20.11



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20025	20175	20325
Frequency (MHz)				1717.5	1732.5	1747.5
15	QPSK	1	0	23.10	23.30	23.24
15	QPSK	1	37	23.19	23.04	23.15
15	QPSK	1	74	23.11	23.05	23.20
15	QPSK	36	0	22.22	22.35	22.33
15	QPSK	36	20	22.37	22.36	22.21
15	QPSK	36	39	22.10	22.21	22.25
15	QPSK	75	0	22.27	22.29	22.39
15	16QAM	1	0	22.26	22.39	22.24
15	16QAM	1	37	22.15	22.11	22.14
15	16QAM	1	74	22.15	22.10	22.09
15	16QAM	36	0	21.41	21.22	21.42
15	16QAM	36	20	21.10	21.29	21.29
15	16QAM	36	39	21.13	21.24	21.19
15	16QAM	75	0	21.40	21.41	21.21
15	64QAM	1	0	21.18	21.25	21.37
15	64QAM	1	37	21.34	21.23	21.08
15	64QAM	1	74	21.15	21.17	21.10
15	64QAM	36	0	20.54	20.46	20.40
15	64QAM	36	20	20.31	20.35	20.37
15	64QAM	36	39	20.33	20.27	20.30
15	64QAM	75	0	20.31	20.44	20.24



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20000	20175	20350
Frequency (MHz)				1715	1732.5	1750
10	QPSK	1	0	23.17	23.29	23.12
10	QPSK	1	25	23.11	23.11	23.18
10	QPSK	1	49	23.28	23.24	23.15
10	QPSK	25	0	22.15	22.45	22.39
10	QPSK	25	12	22.11	22.33	22.14
10	QPSK	25	25	22.28	22.26	22.34
10	QPSK	50	0	22.24	22.45	22.40
10	16QAM	1	0	22.09	22.36	22.10
10	16QAM	1	25	22.25	22.11	22.27
10	16QAM	1	49	22.34	22.26	22.16
10	16QAM	25	0	21.25	21.33	21.19
10	16QAM	25	12	21.38	21.30	21.16
10	16QAM	25	25	21.17	21.22	21.40
10	16QAM	50	0	21.34	21.37	21.16
10	64QAM	1	0	21.28	21.19	21.12
10	64QAM	1	25	21.24	21.25	21.27
10	64QAM	1	49	21.31	21.07	21.34
10	64QAM	25	0	20.42	20.38	20.27
10	64QAM	25	12	20.31	20.27	20.21
10	64QAM	25	25	20.06	20.15	20.07
10	64QAM	50	0	20.41	20.35	20.27



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				19975	20175	20375
Frequency (MHz)				1712.5	1732.5	1752.5
5	QPSK	1	0	23.22	23.30	23.25
5	QPSK	1	12	23.16	23.18	23.12
5	QPSK	1	24	23.12	23.23	23.22
5	QPSK	12	0	22.32	22.40	22.31
5	QPSK	12	7	22.29	22.32	22.24
5	QPSK	12	13	22.23	22.31	22.24
5	QPSK	25	0	22.31	22.15	22.16
5	16QAM	1	0	22.10	22.34	22.36
5	16QAM	1	12	22.13	22.32	22.35
5	16QAM	1	24	22.09	22.21	22.18
5	16QAM	12	0	21.24	21.43	21.23
5	16QAM	12	7	21.16	21.30	21.27
5	16QAM	12	13	21.43	21.30	21.39
5	16QAM	25	0	21.30	21.46	21.18
5	64QAM	1	0	21.35	21.26	21.23
5	64QAM	1	12	21.31	21.25	21.14
5	64QAM	1	24	21.17	21.28	21.13
5	64QAM	12	0	20.26	20.40	20.31
5	64QAM	12	7	20.09	20.38	20.30
5	64QAM	12	13	20.08	20.34	20.17
5	64QAM	25	0	20.34	20.37	20.15



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				19965	20175	20385
Frequency (MHz)				1711.5	1732.5	1753.5
3	QPSK	1	0	23.12	23.28	23.22
3	QPSK	1	8	23.16	23.12	23.16
3	QPSK	1	14	23.14	23.22	23.10
3	QPSK	8	0	22.22	22.38	22.28
3	QPSK	8	4	22.35	22.32	22.12
3	QPSK	8	7	22.11	22.13	22.22
3	QPSK	15	0	22.10	22.13	22.12
3	16QAM	1	0	22.24	22.29	22.21
3	16QAM	1	8	22.18	22.26	22.15
3	16QAM	1	14	22.36	22.29	22.14
3	16QAM	8	0	21.34	21.35	21.33
3	16QAM	8	4	21.37	21.28	21.16
3	16QAM	8	7	21.31	21.47	21.18
3	16QAM	15	0	21.08	21.17	21.30
3	64QAM	1	0	21.09	21.41	21.25
3	64QAM	1	8	21.33	21.35	21.03
3	64QAM	1	14	21.19	21.05	21.20
3	64QAM	8	0	20.38	20.41	20.40
3	64QAM	8	4	20.18	20.34	20.20
3	64QAM	8	7	20.20	20.14	20.18
3	64QAM	15	0	20.39	20.35	20.26



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				19957	20175	20393
Frequency (MHz)				1710.7	1732.5	1754.3
1.4	QPSK	1	0	23.16	23.29	23.21
1.4	QPSK	1	3	23.19	23.27	23.20
1.4	QPSK	1	5	23.11	23.21	23.24
1.4	QPSK	3	0	22.31	22.39	22.24
1.4	QPSK	3	1	22.35	22.20	22.41
1.4	QPSK	3	3	22.28	22.28	22.28
1.4	QPSK	6	0	22.15	22.26	22.20
1.4	16QAM	1	0	22.24	22.31	22.23
1.4	16QAM	1	3	21.98	22.10	22.12
1.4	16QAM	1	5	22.25	22.06	22.06
1.4	16QAM	3	0	21.20	21.33	21.27
1.4	16QAM	3	1	21.27	21.11	21.08
1.4	16QAM	3	3	21.33	21.35	21.41
1.4	16QAM	6	0	21.12	21.28	21.23
1.4	64QAM	1	0	21.11	21.16	21.27
1.4	64QAM	1	3	21.27	21.38	21.27
1.4	64QAM	1	5	21.16	21.15	21.13
1.4	64QAM	3	0	20.35	20.34	20.31
1.4	64QAM	3	1	20.30	20.20	20.38
1.4	64QAM	3	3	20.18	20.09	20.34
1.4	64QAM	6	0	20.15	20.30	20.28



LTE Band 5						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20450	20525	20600
Frequency (MHz)				829	836.5	844
10	QPSK	1	0	23.57	23.60	23.53
10	QPSK	1	25	23.51	23.53	23.51
10	QPSK	1	49	23.51	23.57	23.50
10	QPSK	25	0	22.62	22.86	22.73
10	QPSK	25	12	22.57	22.80	22.66
10	QPSK	25	25	22.61	22.53	22.58
10	QPSK	50	0	22.66	22.61	22.57
10	16QAM	1	0	22.52	22.63	22.58
10	16QAM	1	25	22.51	22.52	22.53
10	16QAM	1	49	22.71	22.63	22.55
10	16QAM	25	0	21.53	21.84	21.55
10	16QAM	25	12	21.51	21.66	21.52
10	16QAM	25	25	21.57	21.67	21.56
10	16QAM	50	0	21.57	21.52	21.58
10	64QAM	1	0	21.35	21.54	21.59
10	64QAM	1	25	21.40	21.67	21.58
10	64QAM	1	49	21.61	21.53	21.56
10	64QAM	25	0	20.59	20.85	20.86
10	64QAM	25	12	20.72	20.62	20.61
10	64QAM	25	25	20.52	20.53	20.52
10	64QAM	50	0	20.65	20.59	20.53



LTE Band 5						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20425	20525	20625
Frequency (MHz)				826.5	836.5	846.5
5	QPSK	1	0	23.49	23.57	23.55
5	QPSK	1	12	23.54	23.53	23.53
5	QPSK	1	24	23.56	23.52	23.56
5	QPSK	12	0	22.60	22.73	22.71
5	QPSK	12	7	22.59	22.71	22.65
5	QPSK	12	13	22.56	22.70	22.58
5	QPSK	25	0	22.57	22.61	22.60
5	16QAM	1	0	22.53	22.65	22.53
5	16QAM	1	12	22.57	22.67	22.52
5	16QAM	1	24	22.53	22.54	22.57
5	16QAM	12	0	21.41	21.65	21.65
5	16QAM	12	7	21.50	21.57	21.50
5	16QAM	12	13	21.52	21.53	21.45
5	16QAM	25	0	21.58	21.52	21.56
5	64QAM	1	0	21.55	21.82	21.58
5	64QAM	1	12	21.63	21.78	21.60
5	64QAM	1	24	21.61	21.53	21.60
5	64QAM	12	0	20.53	20.80	20.58
5	64QAM	12	7	20.50	20.47	20.57
5	64QAM	12	13	20.63	20.52	20.55
5	64QAM	25	0	20.78	20.63	20.69



LTE Band 5						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20415	20525	20635
Frequency (MHz)				825.5	836.5	847.5
3	QPSK	1	0	23.51	23.58	23.53
3	QPSK	1	8	23.54	23.50	23.51
3	QPSK	1	14	23.55	23.55	23.47
3	QPSK	8	0	22.43	22.67	22.57
3	QPSK	8	4	22.66	22.59	22.57
3	QPSK	8	7	22.59	22.55	22.61
3	QPSK	15	0	22.48	22.50	22.52
3	16QAM	1	0	22.46	22.75	22.53
3	16QAM	1	8	22.66	22.48	22.75
3	16QAM	1	14	22.59	22.56	22.53
3	16QAM	8	0	21.50	21.68	21.57
3	16QAM	8	4	21.46	21.69	21.51
3	16QAM	8	7	21.48	21.48	21.69
3	16QAM	15	0	21.57	21.59	21.49
3	64QAM	1	0	21.63	21.80	21.52
3	64QAM	1	8	21.58	21.78	21.60
3	64QAM	1	14	21.71	21.54	21.55
3	64QAM	8	0	20.64	20.64	20.70
3	64QAM	8	4	20.73	20.48	20.72
3	64QAM	8	7	20.59	20.55	20.59
3	64QAM	15	0	20.61	20.72	20.52



LTE Band 5						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20407	20525	20643
Frequency (MHz)				824.7	836.5	848.3
1.4	QPSK	1	0	23.56	23.59	23.57
1.4	QPSK	1	3	23.52	23.48	23.49
1.4	QPSK	1	5	23.55	23.55	23.55
1.4	QPSK	3	0	22.57	22.66	22.75
1.4	QPSK	3	1	22.63	22.56	22.51
1.4	QPSK	3	3	22.61	22.52	22.59
1.4	QPSK	6	0	22.51	22.43	22.66
1.4	16QAM	1	0	22.56	22.70	22.61
1.4	16QAM	1	3	22.52	22.48	22.48
1.4	16QAM	1	5	22.51	22.62	22.60
1.4	16QAM	3	0	21.66	21.63	21.69
1.4	16QAM	3	1	21.57	21.58	21.61
1.4	16QAM	3	3	21.53	21.59	21.64
1.4	16QAM	6	0	21.57	21.57	21.51
1.4	64QAM	1	0	21.40	21.72	21.44
1.4	64QAM	1	3	21.50	21.45	21.38
1.4	64QAM	1	5	21.70	21.61	21.46
1.4	64QAM	3	0	20.54	20.78	20.83
1.4	64QAM	3	1	20.51	20.78	20.65
1.4	64QAM	3	3	20.53	20.68	20.63
1.4	64QAM	6	0	20.72	20.69	20.52



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	21.30	21.48	21.46
20	QPSK	1	49	21.18	21.31	21.34
20	QPSK	1	99	21.37	21.47	21.27
20	QPSK	50	0	20.42	20.47	20.37
20	QPSK	50	24	20.34	20.27	20.46
20	QPSK	50	50	20.17	20.36	20.44
20	QPSK	100	0	20.18	20.34	20.37
20	16QAM	1	0	20.45	20.28	20.17
20	16QAM	1	49	20.26	20.22	20.31
20	16QAM	1	99	20.17	20.38	20.28
20	16QAM	50	0	19.35	19.41	19.35
20	16QAM	50	24	19.35	19.19	19.27
20	16QAM	50	50	19.34	19.47	19.36
20	16QAM	100	0	19.49	19.32	19.44
20	64QAM	1	0	19.39	19.50	19.21
20	64QAM	1	49	19.54	19.45	19.11
20	64QAM	1	99	19.31	19.45	19.16
20	64QAM	50	0	18.54	18.49	18.44
20	64QAM	50	24	18.40	18.52	18.48
20	64QAM	50	50	18.31	18.26	18.42
20	64QAM	100	0	18.47	18.29	18.55



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	21.19	21.45	21.41
15	QPSK	1	37	21.12	21.22	21.19
15	QPSK	1	74	21.13	21.40	21.13
15	QPSK	36	0	20.43	20.49	20.41
15	QPSK	36	20	20.33	20.40	20.40
15	QPSK	36	39	20.40	20.36	20.22
15	QPSK	75	0	20.48	20.33	20.39
15	16QAM	1	0	20.36	20.39	20.18
15	16QAM	1	37	20.20	20.19	20.28
15	16QAM	1	74	20.37	20.38	20.40
15	16QAM	36	0	19.47	19.52	19.47
15	16QAM	36	20	19.51	19.19	19.29
15	16QAM	36	39	19.26	19.24	19.30
15	16QAM	75	0	19.39	19.45	19.27
15	64QAM	1	0	19.28	19.52	19.40
15	64QAM	1	37	19.38	19.34	19.21
15	64QAM	1	74	19.22	19.18	19.29
15	64QAM	36	0	18.34	18.51	18.54
15	64QAM	36	20	18.46	18.39	18.48
15	64QAM	36	39	18.35	18.24	18.49
15	64QAM	75	0	18.41	18.50	18.27



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	21.30	21.46	21.43
10	QPSK	1	25	21.14	21.26	21.33
10	QPSK	1	49	21.11	21.32	21.23
10	QPSK	25	0	20.48	20.55	20.52
10	QPSK	25	12	20.23	20.40	20.52
10	QPSK	25	25	20.48	20.43	20.42
10	QPSK	50	0	20.25	20.33	20.23
10	16QAM	1	0	20.26	20.34	20.28
10	16QAM	1	25	20.28	20.33	20.31
10	16QAM	1	49	20.37	20.17	20.40
10	16QAM	25	0	19.34	19.38	19.51
10	16QAM	25	12	19.52	19.19	19.44
10	16QAM	25	25	19.32	19.34	19.35
10	16QAM	50	0	19.22	19.35	19.47
10	64QAM	1	0	19.22	19.36	19.42
10	64QAM	1	25	19.42	19.34	19.14
10	64QAM	1	49	19.39	19.30	19.32
10	64QAM	25	0	18.36	18.40	18.44
10	64QAM	25	12	18.19	18.48	18.58
10	64QAM	25	25	18.50	18.34	18.41
10	64QAM	50	0	18.50	18.44	18.39



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	21.21	21.45	21.30
5	QPSK	1	12	21.30	21.31	21.26
5	QPSK	1	24	21.21	21.26	21.42
5	QPSK	12	0	20.52	20.49	20.41
5	QPSK	12	7	20.17	20.54	20.26
5	QPSK	12	13	20.50	20.16	20.41
5	QPSK	25	0	20.49	20.47	20.38
5	16QAM	1	0	20.30	20.42	20.25
5	16QAM	1	12	20.23	20.38	20.38
5	16QAM	1	24	20.20	20.40	20.27
5	16QAM	12	0	19.52	19.29	19.52
5	16QAM	12	7	19.48	19.47	19.40
5	16QAM	12	13	19.21	19.40	19.25
5	16QAM	25	0	19.48	19.28	19.25
5	64QAM	1	0	19.23	19.54	19.15
5	64QAM	1	12	19.48	19.38	19.39
5	64QAM	1	24	19.37	19.39	19.38
5	64QAM	12	0	18.54	18.41	18.40
5	64QAM	12	7	18.28	18.32	18.53
5	64QAM	12	13	18.16	18.23	18.27
5	64QAM	25	0	18.29	18.39	18.34



LTE Band 12						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23060	23095	23130
Frequency (MHz)				704	707.5	711
10	QPSK	1	0	23.87	23.91	23.80
10	QPSK	1	25	23.69	23.77	23.57
10	QPSK	1	49	23.63	23.69	23.69
10	QPSK	25	0	22.88	22.92	22.91
10	QPSK	25	12	22.85	22.85	22.69
10	QPSK	25	25	22.70	22.67	22.87
10	QPSK	50	0	22.85	22.83	22.90
10	16QAM	1	0	22.68	22.86	22.77
10	16QAM	1	25	22.67	22.77	22.78
10	16QAM	1	49	22.66	22.85	22.85
10	16QAM	25	0	21.86	21.85	21.93
10	16QAM	25	12	21.94	21.90	21.86
10	16QAM	25	25	21.74	21.93	21.95
10	16QAM	50	0	21.75	21.88	21.86
10	64QAM	1	0	21.83	21.87	21.93
10	64QAM	1	25	21.92	21.84	21.93
10	64QAM	1	49	21.79	21.95	21.95
10	64QAM	25	0	20.95	20.87	20.88
10	64QAM	25	12	20.97	20.88	20.99
10	64QAM	25	25	20.71	20.82	20.87
10	64QAM	50	0	20.95	20.89	20.90



LTE Band 12						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23035	23095	23155
Frequency (MHz)				701.5	707.5	713.5
5	QPSK	1	0	23.85	23.89	23.66
5	QPSK	1	12	23.77	23.71	23.84
5	QPSK	1	24	23.85	23.67	23.83
5	QPSK	12	0	22.75	22.93	22.69
5	QPSK	12	7	22.91	22.81	22.90
5	QPSK	12	13	22.68	22.79	22.80
5	QPSK	25	0	22.83	22.95	22.90
5	16QAM	1	0	22.73	22.80	22.98
5	16QAM	1	12	22.77	22.89	22.77
5	16QAM	1	24	22.80	22.66	22.86
5	16QAM	12	0	21.88	21.85	21.81
5	16QAM	12	7	21.88	21.88	21.90
5	16QAM	12	13	21.79	21.74	21.67
5	16QAM	25	0	21.68	21.86	21.78
5	64QAM	1	0	21.82	21.82	21.84
5	64QAM	1	12	21.79	21.73	21.61
5	64QAM	1	24	21.81	21.64	21.84
5	64QAM	12	0	20.78	20.91	20.94
5	64QAM	12	7	20.86	20.79	20.77
5	64QAM	12	13	20.74	20.68	20.89
5	64QAM	25	0	20.86	20.83	20.79



LTE Band 12						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23025	23095	23165
Frequency (MHz)				700.5	707.5	714.5
3	QPSK	1	0	23.82	23.87	23.83
3	QPSK	1	8	23.85	23.76	23.61
3	QPSK	1	14	23.61	23.77	23.70
3	QPSK	8	0	22.76	22.85	22.82
3	QPSK	8	4	22.63	22.80	22.84
3	QPSK	8	7	22.74	22.82	22.77
3	QPSK	15	0	22.73	22.83	22.75
3	16QAM	1	0	22.82	22.91	22.70
3	16QAM	1	8	22.69	22.80	22.76
3	16QAM	1	14	22.73	22.74	22.68
3	16QAM	8	0	21.88	21.92	21.81
3	16QAM	8	4	21.83	21.80	21.74
3	16QAM	8	7	21.78	21.80	21.73
3	16QAM	15	0	21.70	21.71	21.80
3	64QAM	1	0	21.77	21.86	21.84
3	64QAM	1	8	21.86	21.79	21.60
3	64QAM	1	14	21.67	21.82	21.83
3	64QAM	8	0	20.82	20.85	20.68
3	64QAM	8	4	20.71	20.81	20.77
3	64QAM	8	7	20.70	20.81	20.89
3	64QAM	15	0	20.80	20.79	20.73



LTE Band 12						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23017	23095	23173
Frequency (MHz)				699.7	707.5	715.3
1.4	QPSK	1	0	23.71	23.88	23.73
1.4	QPSK	1	3	23.86	23.70	23.67
1.4	QPSK	1	5	23.85	23.87	23.68
1.4	QPSK	3	0	22.84	22.81	22.90
1.4	QPSK	3	1	22.93	22.90	22.81
1.4	QPSK	3	3	22.86	22.78	22.85
1.4	QPSK	6	0	22.77	22.81	22.80
1.4	16QAM	1	0	22.77	22.84	22.79
1.4	16QAM	1	3	22.68	22.78	22.70
1.4	16QAM	1	5	22.80	22.88	22.82
1.4	16QAM	3	0	21.83	21.89	21.87
1.4	16QAM	3	1	21.86	21.95	21.94
1.4	16QAM	3	3	21.81	21.84	21.80
1.4	16QAM	6	0	21.71	21.90	21.68
1.4	64QAM	1	0	21.90	21.90	21.77
1.4	64QAM	1	3	21.87	21.80	21.79
1.4	64QAM	1	5	21.71	21.87	21.73
1.4	64QAM	3	0	20.83	20.78	20.69
1.4	64QAM	3	1	20.80	20.81	20.77
1.4	64QAM	3	3	20.98	20.87	20.81
1.4	64QAM	6	0	20.77	20.81	20.84



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	/	23.87	/
10	QPSK	1	25	/	23.68	/
10	QPSK	1	49	/	23.81	/
10	QPSK	25	0	/	22.76	/
10	QPSK	25	12	/	22.69	/
10	QPSK	25	25	/	22.66	/
10	QPSK	50	0	/	22.63	/
10	16QAM	1	0	/	22.77	/
10	16QAM	1	25	/	22.74	/
10	16QAM	1	49	/	22.78	/
10	16QAM	25	0	/	21.81	/
10	16QAM	25	12	/	21.70	/
10	16QAM	25	25	/	21.72	/
10	16QAM	50	0	/	21.79	/
10	64QAM	1	0	/	21.90	/
10	64QAM	1	25	/	21.76	/
10	64QAM	1	49	/	21.86	/
10	64QAM	25	0	/	20.88	/
10	64QAM	25	12	/	20.69	/
10	64QAM	25	25	/	20.71	/
10	64QAM	50	0	/	20.75	/



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	23.82	23.85	23.76
5	QPSK	1	12	23.79	23.81	23.81
5	QPSK	1	24	23.61	23.77	23.69
5	QPSK	12	0	22.85	22.91	22.86
5	QPSK	12	7	22.67	22.75	22.84
5	QPSK	12	13	22.70	22.74	22.71
5	QPSK	25	0	22.76	22.84	22.79
5	16QAM	1	0	22.85	22.86	22.73
5	16QAM	1	12	22.69	22.68	22.80
5	16QAM	1	24	22.68	22.77	22.60
5	16QAM	12	0	21.94	21.90	21.86
5	16QAM	12	7	21.82	21.84	21.78
5	16QAM	12	13	21.84	21.88	21.81
5	16QAM	25	0	21.69	21.98	21.73
5	64QAM	1	0	21.88	21.83	21.72
5	64QAM	1	12	21.82	21.73	21.86
5	64QAM	1	24	21.93	21.62	21.79
5	64QAM	12	0	20.97	20.92	20.84
5	64QAM	12	7	20.79	20.90	20.98
5	64QAM	12	13	20.94	20.85	20.80
5	64QAM	25	0	20.82	20.94	20.78



LTE Band 17						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23780	23790	23800
Frequency (MHz)				709	710	711
10	QPSK	1	0	23.70	23.86	23.66
10	QPSK	1	25	23.83	23.75	23.73
10	QPSK	1	49	23.84	23.73	23.67
10	QPSK	25	0	22.84	22.92	22.80
10	QPSK	25	12	22.82	22.90	22.84
10	QPSK	25	25	22.81	22.82	22.86
10	QPSK	50	0	22.76	22.80	22.73
10	16QAM	1	0	22.69	22.81	22.63
10	16QAM	1	25	22.82	22.81	22.74
10	16QAM	1	49	22.74	22.69	22.78
10	16QAM	25	0	21.78	21.90	21.84
10	16QAM	25	12	21.86	21.77	21.62
10	16QAM	25	25	21.84	21.93	21.84
10	16QAM	50	0	21.77	21.72	21.87
10	64QAM	1	0	21.89	21.80	21.92
10	64QAM	1	25	21.95	21.98	21.90
10	64QAM	1	49	21.80	21.82	21.67
10	64QAM	25	0	20.86	20.86	20.95
10	64QAM	25	12	20.91	20.89	20.83
10	64QAM	25	25	20.91	20.92	20.77
10	64QAM	50	0	20.79	20.98	20.93



LTE Band 17						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23755	23790	23825
Frequency (MHz)				706.5	710	713.5
5	QPSK	1	0	23.77	23.83	23.75
5	QPSK	1	12	23.57	23.81	23.73
5	QPSK	1	24	23.79	23.75	23.75
5	QPSK	12	0	22.82	22.83	22.81
5	QPSK	12	7	22.90	22.77	22.79
5	QPSK	12	13	22.79	22.80	22.73
5	QPSK	25	0	22.77	22.81	22.66
5	16QAM	1	0	22.80	22.91	22.70
5	16QAM	1	12	22.92	22.94	22.84
5	16QAM	1	24	22.89	22.68	22.76
5	16QAM	12	0	21.93	21.90	21.77
5	16QAM	12	7	21.79	21.75	21.75
5	16QAM	12	13	21.95	21.83	21.83
5	16QAM	25	0	21.89	21.90	21.91
5	64QAM	1	0	21.88	21.84	21.91
5	64QAM	1	12	21.69	21.94	21.69
5	64QAM	1	24	21.72	21.62	21.79
5	64QAM	12	0	20.88	20.85	20.86
5	64QAM	12	7	20.83	20.95	20.97
5	64QAM	12	13	20.77	20.78	20.94
5	64QAM	25	0	20.77	20.85	20.82



LTE Band 18						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23965	23970	23975
Frequency (MHz)				826.5	827	827.5
5	QPSK	1	0	23.82	23.75	23.84
5	QPSK	1	12	23.75	23.76	23.83
5	QPSK	1	24	23.52	23.54	23.63
5	QPSK	12	0	22.74	22.85	22.86
5	QPSK	12	7	22.58	22.58	22.68
5	QPSK	12	13	22.74	22.79	22.84
5	QPSK	25	0	22.67	22.75	22.76
5	16QAM	1	0	22.72	22.73	22.80
5	16QAM	1	12	22.85	22.89	22.91
5	16QAM	1	24	22.58	22.51	22.62
5	16QAM	12	0	21.81	21.81	21.84
5	16QAM	12	7	21.64	21.60	21.70
5	16QAM	12	13	21.72	21.69	21.79
5	16QAM	25	0	21.73	21.78	21.79
5	64QAM	1	0	21.77	21.73	21.84
5	64QAM	1	12	21.59	21.60	21.63
5	64QAM	1	24	21.72	21.72	21.77
5	64QAM	12	0	20.82	20.80	20.85
5	64QAM	12	7	20.75	20.86	20.87
5	64QAM	12	13	20.67	20.73	20.79
5	64QAM	25	0	20.71	20.73	20.79



LTE Band 19						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				/	24075	/
Frequency (MHz)				/	837.5	/
15	QPSK	1	0	/	22.84	/
15	QPSK	1	37	/	22.71	/
15	QPSK	1	74	/	22.68	/
15	QPSK	36	0	/	21.91	/
15	QPSK	36	20	/	21.67	/
15	QPSK	36	39	/	21.59	/
15	QPSK	75	0	/	21.67	/
15	16QAM	1	0	/	21.73	/
15	16QAM	1	37	/	21.60	/
15	16QAM	1	74	/	21.74	/
15	16QAM	36	0	/	20.87	/
15	16QAM	36	20	/	20.56	/
15	16QAM	36	39	/	20.78	/
15	16QAM	75	0	/	20.75	/
15	64QAM	1	0	/	20.85	/
15	64QAM	1	37	/	20.82	/
15	64QAM	1	74	/	20.65	/
15	64QAM	36	0	/	19.82	/
15	64QAM	36	20	/	19.77	/
15	64QAM	36	39	/	19.93	/
15	64QAM	75	0	/	19.70	/



LTE Band 19						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				24050	24075	24100
Frequency (MHz)				835	837.5	840
10	QPSK	1	0	23.55	23.81	23.74
10	QPSK	1	25	23.55	23.65	23.62
10	QPSK	1	49	23.59	23.66	23.77
10	QPSK	25	0	22.71	22.83	22.74
10	QPSK	25	12	22.63	22.69	22.79
10	QPSK	25	25	22.59	22.67	22.70
10	QPSK	50	0	22.68	22.71	22.64
10	16QAM	1	0	22.73	22.75	22.82
10	16QAM	1	25	22.78	22.87	22.86
10	16QAM	1	49	22.70	22.86	22.69
10	16QAM	25	0	21.79	21.87	21.82
10	16QAM	25	12	21.70	21.81	21.60
10	16QAM	25	25	21.83	21.80	21.77
10	16QAM	50	0	21.70	21.61	21.63
10	64QAM	1	0	21.74	21.88	21.89
10	64QAM	1	25	21.76	21.73	21.54
10	64QAM	1	49	21.88	21.86	21.87
10	64QAM	25	0	20.83	20.90	20.75
10	64QAM	25	12	20.82	20.77	20.97
10	64QAM	25	25	20.84	20.67	20.73
10	64QAM	50	0	20.67	20.74	20.70



LTE Band 19						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				24025	24075	24125
Frequency (MHz)				832.5	837.5	842.5
5	QPSK	1	0	23.71	23.80	23.75
5	QPSK	1	12	23.57	23.59	23.79
5	QPSK	1	24	23.63	23.71	23.78
5	QPSK	12	0	22.69	22.85	22.78
5	QPSK	12	7	22.83	22.88	22.59
5	QPSK	12	13	22.62	22.84	22.81
5	QPSK	25	0	22.63	22.76	22.93
5	16QAM	1	0	22.69	22.94	22.60
5	16QAM	1	12	22.75	22.65	22.65
5	16QAM	1	24	22.66	22.58	22.82
5	16QAM	12	0	21.63	21.69	21.75
5	16QAM	12	7	21.64	21.58	21.70
5	16QAM	12	13	21.83	21.91	21.67
5	16QAM	25	0	21.73	21.77	21.79
5	64QAM	1	0	21.67	21.66	21.71
5	64QAM	1	12	21.66	21.66	21.54
5	64QAM	1	24	21.60	21.52	21.58
5	64QAM	12	0	20.88	20.92	20.76
5	64QAM	12	7	20.65	20.77	20.94
5	64QAM	12	13	20.69	20.82	20.85
5	64QAM	25	0	20.63	20.99	20.79



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	23.37	23.42	23.28
20	QPSK	1	49	23.21	23.16	23.29
20	QPSK	1	99	23.31	23.33	23.31
20	QPSK	50	0	22.36	22.45	22.43
20	QPSK	50	24	22.17	22.43	22.28
20	QPSK	50	50	22.32	22.39	22.34
20	QPSK	100	0	22.38	22.30	22.24
20	16QAM	1	0	22.32	22.43	22.22
20	16QAM	1	49	22.12	22.41	22.22
20	16QAM	1	99	22.33	22.35	22.27
20	16QAM	50	0	21.24	21.29	21.41
20	16QAM	50	24	21.21	21.34	21.11
20	16QAM	50	50	21.34	21.36	21.25
20	16QAM	100	0	21.43	21.25	21.35
20	64QAM	1	0	21.20	21.38	21.24
20	64QAM	1	49	21.29	21.38	21.18
20	64QAM	1	99	21.34	21.32	21.27
20	64QAM	50	0	20.34	20.40	20.38
20	64QAM	50	24	20.37	20.41	20.35
20	64QAM	50	50	20.37	20.37	20.17
20	64QAM	100	0	20.32	20.28	20.35



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	23.16	23.39	23.19
15	QPSK	1	37	23.34	23.33	23.23
15	QPSK	1	74	23.12	23.22	23.36
15	QPSK	36	0	23.39	22.44	22.41
15	QPSK	36	20	22.33	22.38	22.35
15	QPSK	36	39	22.30	22.30	22.26
15	QPSK	75	0	22.35	22.20	22.32
15	16QAM	1	0	22.41	22.40	22.42
15	16QAM	1	37	22.18	22.20	22.34
15	16QAM	1	74	22.19	22.27	22.17
15	16QAM	36	0	21.40	21.44	21.29
15	16QAM	36	20	21.31	21.19	21.18
15	16QAM	36	39	21.31	21.34	21.37
15	16QAM	75	0	21.28	21.23	21.20
15	64QAM	1	0	21.23	21.42	21.29
15	64QAM	1	37	21.44	21.34	21.25
15	64QAM	1	74	21.46	21.37	21.38
15	64QAM	36	0	20.34	20.41	20.39
15	64QAM	36	20	20.29	20.40	20.22
15	64QAM	36	39	20.28	20.32	20.18
15	64QAM	75	0	20.29	20.36	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				26090	26365	26640
Frequency (MHz)				1855	1882.5	1910
10	QPSK	1	0	23.31	23.40	23.28
10	QPSK	1	25	23.15	23.35	23.14
10	QPSK	1	49	23.36	23.25	23.27
10	QPSK	25	0	22.26	22.39	22.41
10	QPSK	25	12	22.24	22.33	22.40
10	QPSK	25	25	22.23	22.30	22.35
10	QPSK	50	0	22.32	22.28	22.42
10	16QAM	1	0	22.33	22.38	22.21
10	16QAM	1	25	22.29	22.22	22.32
10	16QAM	1	49	22.30	22.21	22.39
10	16QAM	25	0	21.19	21.42	21.25
10	16QAM	25	12	21.36	21.28	21.45
10	16QAM	25	25	21.34	21.45	21.25
10	16QAM	50	0	21.29	21.31	21.26
10	64QAM	1	0	21.29	21.26	21.17
10	64QAM	1	25	21.31	21.33	21.34
10	64QAM	1	49	21.30	21.13	21.34
10	64QAM	25	0	20.37	20.37	20.40
10	64QAM	25	12	20.23	20.29	20.32
10	64QAM	25	25	20.25	20.22	20.43
10	64QAM	50	0	20.43	20.41	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				26065	26365	26665
Frequency (MHz)				1852.5	1882.5	1912.5
5	QPSK	1	0	23.29	23.37	23.26
5	QPSK	1	12	23.14	23.20	23.21
5	QPSK	1	24	23.33	23.28	23.15
5	QPSK	12	0	22.32	22.38	22.37
5	QPSK	12	7	22.38	22.30	22.26
5	QPSK	12	13	22.29	22.37	22.26
5	QPSK	25	0	22.19	22.23	22.36
5	16QAM	1	0	22.44	22.45	22.36
5	16QAM	1	12	22.34	22.39	22.30
5	16QAM	1	24	22.43	22.36	22.41
5	16QAM	12	0	21.41	21.37	21.31
5	16QAM	12	7	21.28	21.33	21.15
5	16QAM	12	13	21.34	21.40	21.16
5	16QAM	25	0	21.29	21.22	21.26
5	64QAM	1	0	21.16	21.41	21.24
5	64QAM	1	12	21.43	21.34	21.25
5	64QAM	1	24	21.22	21.36	21.26
5	64QAM	12	0	20.38	20.36	20.33
5	64QAM	12	7	20.34	20.32	20.36
5	64QAM	12	13	20.38	20.23	20.16
5	64QAM	25	0	20.39	20.33	20.27



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	23.22	23.38	23.22
3	QPSK	1	8	23.31	23.15	23.11
3	QPSK	1	14	23.25	23.29	23.42
3	QPSK	8	0	22.33	22.37	22.36
3	QPSK	8	4	22.29	22.30	22.28
3	QPSK	8	7	22.24	22.17	22.33
3	QPSK	15	0	22.22	22.44	22.25
3	16QAM	1	0	22.39	22.33	22.34
3	16QAM	1	8	22.41	22.29	22.26
3	16QAM	1	14	22.33	22.23	22.08
3	16QAM	8	0	21.19	21.40	21.39
3	16QAM	8	4	21.25	21.23	21.15
3	16QAM	8	7	21.31	21.33	21.41
3	16QAM	15	0	21.35	21.37	21.13
3	64QAM	1	0	21.34	21.33	21.39
3	64QAM	1	8	21.36	21.39	21.16
3	64QAM	1	14	21.18	21.20	21.25
3	64QAM	8	0	20.35	20.39	20.34
3	64QAM	8	4	20.28	20.42	20.38
3	64QAM	8	7	20.32	20.27	20.28
3	64QAM	15	0	20.38	20.26	20.33



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	23.31	23.37	23.20
1.4	QPSK	1	3	23.19	23.35	23.23
1.4	QPSK	1	5	23.32	23.24	23.24
1.4	QPSK	3	0	22.42	22.45	22.34
1.4	QPSK	3	1	22.21	22.32	22.36
1.4	QPSK	3	3	22.31	22.36	22.31
1.4	QPSK	6	0	22.36	22.31	22.28
1.4	16QAM	1	0	22.34	22.35	22.36
1.4	16QAM	1	3	22.11	22.18	22.38
1.4	16QAM	1	5	22.33	22.36	22.21
1.4	16QAM	3	0	21.42	21.32	21.36
1.4	16QAM	3	1	21.18	21.37	21.42
1.4	16QAM	3	3	21.42	21.43	21.39
1.4	16QAM	6	0	21.24	21.29	21.19
1.4	64QAM	1	0	21.23	21.35	21.32
1.4	64QAM	1	3	21.23	21.37	21.16
1.4	64QAM	1	5	21.41	21.44	21.42
1.4	64QAM	3	0	20.37	20.41	20.33
1.4	64QAM	3	1	20.33	20.34	20.31
1.4	64QAM	3	3	20.32	20.45	20.26
1.4	64QAM	6	0	20.42	20.43	20.36



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	23.88	23.72	23.80
15	QPSK	1	37	23.77	23.77	23.79
15	QPSK	1	74	23.71	23.69	23.81
15	QPSK	36	0	22.90	22.61	22.71
15	QPSK	36	20	22.85	22.49	22.60
15	QPSK	36	39	22.71	22.81	22.86
15	QPSK	75	0	22.73	22.69	22.77
15	16QAM	1	0	22.76	22.51	22.60
15	16QAM	1	37	22.80	22.70	22.81
15	16QAM	1	74	22.70	22.51	22.59
15	16QAM	36	0	21.70	21.62	21.66
15	16QAM	36	20	21.58	21.62	21.68
15	16QAM	36	39	21.87	21.77	21.89
15	16QAM	75	0	21.65	21.54	21.61
15	64QAM	1	0	21.93	21.66	21.77
15	64QAM	1	37	21.90	21.60	21.61
15	64QAM	1	74	21.83	21.47	21.55
15	64QAM	36	0	20.81	20.83	20.85
15	64QAM	36	20	20.72	20.69	20.78
15	64QAM	36	39	20.64	20.69	20.71
15	64QAM	75	0	20.76	20.73	20.83



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	23.55	23.66	23.67
10	QPSK	1	25	23.78	23.74	23.79
10	QPSK	1	49	23.62	23.57	23.69
10	QPSK	25	0	22.72	22.80	22.83
10	QPSK	25	12	22.85	22.84	22.91
10	QPSK	25	25	22.67	22.67	22.70
10	QPSK	50	0	22.85	22.75	22.86
10	16QAM	1	0	22.69	22.74	22.78
10	16QAM	1	25	22.89	22.80	22.90
10	16QAM	1	49	22.80	22.72	22.82
10	16QAM	25	0	21.77	21.85	21.88
10	16QAM	25	12	21.46	21.52	21.54
10	16QAM	25	25	21.76	21.77	21.81
10	16QAM	50	0	21.62	21.61	21.64
10	64QAM	1	0	21.60	21.71	21.72
10	64QAM	1	25	21.44	21.47	21.56
10	64QAM	1	49	21.48	21.55	21.59
10	64QAM	25	0	20.86	20.80	20.87
10	64QAM	25	12	20.81	20.74	20.85
10	64QAM	25	25	20.76	20.81	20.82
10	64QAM	50	0	20.87	20.77	20.88



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	23.46	23.41	23.53
5	QPSK	1	12	23.47	23.51	23.58
5	QPSK	1	24	23.72	23.79	23.83
5	QPSK	12	0	22.83	22.86	22.95
5	QPSK	12	7	22.51	22.56	22.59
5	QPSK	12	13	22.87	22.81	22.88
5	QPSK	25	0	22.69	22.68	22.77
5	16QAM	1	0	22.81	22.84	22.85
5	16QAM	1	12	22.65	22.62	22.73
5	16QAM	1	24	22.53	22.50	22.58
5	16QAM	12	0	21.81	21.77	21.87
5	16QAM	12	7	21.45	21.43	21.52
5	16QAM	12	13	21.66	21.68	21.69
5	16QAM	25	0	21.65	21.66	21.73
5	64QAM	1	0	21.68	21.65	21.76
5	64QAM	1	12	21.49	21.51	21.58
5	64QAM	1	24	21.56	21.52	21.59
5	64QAM	12	0	20.76	20.80	20.82
5	64QAM	12	7	20.76	20.78	20.79
5	64QAM	12	13	20.59	20.62	20.64
5	64QAM	25	0	20.66	20.64	20.75



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	23.73	23.78	23.80
3	QPSK	1	8	23.42	23.46	23.52
3	QPSK	1	14	23.55	23.58	23.59
3	QPSK	8	0	22.81	22.77	22.87
3	QPSK	8	4	22.69	22.78	22.81
3	QPSK	8	7	22.61	22.58	22.69
3	QPSK	15	0	22.70	22.68	22.77
3	16QAM	1	0	22.50	22.53	22.57
3	16QAM	1	8	22.69	22.77	22.79
3	16QAM	1	14	22.67	22.68	22.77
3	16QAM	8	0	21.88	21.83	21.94
3	16QAM	8	4	21.53	21.58	21.62
3	16QAM	8	7	21.53	21.54	21.62
3	16QAM	15	0	21.72	21.67	21.76
3	64QAM	1	0	21.73	21.69	21.74
3	64QAM	1	8	21.49	21.55	21.59
3	64QAM	1	14	21.74	21.78	21.79
3	64QAM	8	0	20.86	20.77	20.89
3	64QAM	8	4	20.69	20.67	20.74
3	64QAM	8	7	20.79	20.86	20.88
3	64QAM	15	0	20.85	20.88	20.90



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	23.70	23.73	23.81
1.4	QPSK	1	3	23.54	23.61	23.66
1.4	QPSK	1	5	23.70	23.75	23.80
1.4	QPSK	3	0	22.77	22.76	22.81
1.4	QPSK	3	1	22.65	22.70	22.77
1.4	QPSK	3	3	22.69	22.64	22.76
1.4	QPSK	6	0	22.86	22.91	22.94
1.4	16QAM	1	0	22.53	22.44	22.56
1.4	16QAM	1	3	22.58	22.53	22.65
1.4	16QAM	1	5	22.55	22.54	22.60
1.4	16QAM	3	0	21.75	21.81	21.86
1.4	16QAM	3	1	21.54	21.53	21.61
1.4	16QAM	3	3	21.81	21.77	21.82
1.4	16QAM	6	0	21.75	21.65	21.76
1.4	64QAM	1	0	21.49	21.51	21.56
1.4	64QAM	1	3	21.54	21.61	21.63
1.4	64QAM	1	5	21.58	21.59	21.63
1.4	64QAM	3	0	20.66	20.72	20.77
1.4	64QAM	3	1	20.68	20.63	20.71
1.4	64QAM	3	3	20.50	20.51	20.54
1.4	64QAM	6	0	20.78	20.80	20.88



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	/	22.88	/
10	QPSK	1	25	/	22.78	/
10	QPSK	1	49	/	22.71	/
10	QPSK	25	0	/	21.90	/
10	QPSK	25	12	/	21.82	/
10	QPSK	25	25	/	21.89	/
10	QPSK	50	0	/	21.82	/
10	16QAM	1	0	/	21.87	/
10	16QAM	1	25	/	21.84	/
10	16QAM	1	49	/	21.95	/
10	16QAM	25	0	/	20.99	/
10	16QAM	25	12	/	21.01	/
10	16QAM	25	25	/	20.74	/
10	16QAM	50	0	/	20.84	/
10	64QAM	1	0	/	20.95	/
10	64QAM	1	25	/	20.96	/
10	64QAM	1	49	/	20.89	/
10	64QAM	25	0	/	19.92	/
10	64QAM	25	12	/	19.98	/
10	64QAM	25	25	/	19.94	/
10	64QAM	50	0	/	19.93	/



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	22.74	22.85	22.64
5	QPSK	1	12	22.69	22.65	22.62
5	QPSK	1	24	22.81	22.77	22.79
5	QPSK	12	0	21.80	22.01	21.82
5	QPSK	12	7	21.89	21.98	22.02
5	QPSK	12	13	21.77	21.85	21.96
5	QPSK	25	0	21.75	21.71	21.96
5	16QAM	1	0	21.91	21.87	21.74
5	16QAM	1	12	21.70	21.97	22.02
5	16QAM	1	24	21.90	21.96	21.74
5	16QAM	12	0	20.75	20.96	20.97
5	16QAM	12	7	20.77	20.81	20.63
5	16QAM	12	13	20.81	20.83	20.72
5	16QAM	25	0	20.76	20.71	20.68
5	64QAM	1	0	20.84	20.81	20.65
5	64QAM	1	12	21.00	20.90	20.71
5	64QAM	1	24	20.80	20.70	20.83
5	64QAM	12	0	19.89	19.93	19.85
5	64QAM	12	7	19.98	19.79	19.69
5	64QAM	12	13	19.67	19.81	19.75
5	64QAM	25	0	19.81	19.79	19.87



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	26.20	26.43	26.16
20	QPSK	1	49	26.04	26.16	26.31
20	QPSK	1	99	26.21	26.30	26.28
20	QPSK	50	0	25.41	25.46	25.26
20	QPSK	50	24	25.33	25.39	25.30
20	QPSK	50	50	25.26	25.28	25.23
20	QPSK	100	0	25.16	25.22	25.24
20	16QAM	1	0	25.39	25.40	25.35
20	16QAM	1	49	25.38	25.22	25.44
20	16QAM	1	99	25.46	25.26	25.41
20	16QAM	50	0	24.30	24.27	24.26
20	16QAM	50	24	24.27	24.10	24.28
20	16QAM	50	50	24.23	24.37	24.21
20	16QAM	100	0	24.28	24.21	24.36
20	64QAM	1	0	24.43	24.42	24.36
20	64QAM	1	49	24.22	24.22	24.38
20	64QAM	1	99	24.42	24.39	24.15
20	64QAM	50	0	23.45	23.35	23.36
20	64QAM	50	24	23.32	23.44	23.44
20	64QAM	50	50	23.23	23.22	23.43
20	64QAM	100	0	23.34	23.38	23.39



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	26.30	26.40	26.25
15	QPSK	1	37	26.37	26.31	26.12
15	QPSK	1	74	26.33	26.36	26.20
15	QPSK	36	0	25.24	25.48	25.35
15	QPSK	36	20	25.39	25.38	25.32
15	QPSK	36	39	25.30	25.27	25.43
15	QPSK	75	0	25.38	25.29	25.40
15	16QAM	1	0	25.20	25.43	25.30
15	16QAM	1	37	25.11	25.33	25.43
15	16QAM	1	74	25.35	25.07	25.15
15	16QAM	36	0	24.20	24.47	24.31
15	16QAM	36	20	24.23	24.18	24.18
15	16QAM	36	39	24.27	24.23	24.30
15	16QAM	75	0	24.44	24.43	24.24
15	64QAM	1	0	24.45	24.20	24.21
15	64QAM	1	37	24.30	24.38	24.12
15	64QAM	1	74	24.19	24.42	24.14
15	64QAM	36	0	23.31	23.41	23.34
15	64QAM	36	20	23.32	23.36	23.39
15	64QAM	36	39	23.43	23.34	23.16
15	64QAM	75	0	23.25	23.42	23.36



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	26.15	26.41	26.12
10	QPSK	1	25	26.14	26.12	26.30
10	QPSK	1	49	26.40	26.39	26.20
10	QPSK	25	0	25.32	25.48	25.38
10	QPSK	25	12	25.28	25.30	25.44
10	QPSK	25	25	25.44	25.22	25.44
10	QPSK	50	0	25.19	25.42	25.25
10	16QAM	1	0	25.31	25.45	25.40
10	16QAM	1	25	25.16	25.38	25.30
10	16QAM	1	49	25.42	25.07	25.19
10	16QAM	25	0	24.20	24.24	24.20
10	16QAM	25	12	24.49	24.42	24.15
10	16QAM	25	25	24.34	24.29	24.36
10	16QAM	50	0	24.48	24.41	24.13
10	64QAM	1	0	24.39	24.26	24.34
10	64QAM	1	25	24.51	24.44	24.18
10	64QAM	1	49	24.39	24.26	24.35
10	64QAM	25	0	23.34	23.37	23.45
10	64QAM	25	12	23.52	23.37	23.49
10	64QAM	25	25	23.32	23.28	23.49
10	64QAM	50	0	23.28	23.37	23.30



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	26.15	26.39	26.33
5	QPSK	1	12	26.16	26.37	26.08
5	QPSK	1	24	26.14	26.28	26.25
5	QPSK	12	0	25.49	25.37	25.44
5	QPSK	12	7	25.48	25.52	25.29
5	QPSK	12	13	25.48	25.43	25.38
5	QPSK	25	0	25.19	25.42	25.25
5	16QAM	1	0	25.28	25.48	25.26
5	16QAM	1	12	25.30	25.30	25.33
5	16QAM	1	24	25.30	25.07	25.32
5	16QAM	12	0	24.19	24.51	24.51
5	16QAM	12	7	24.35	24.14	24.15
5	16QAM	12	13	24.40	24.46	24.42
5	16QAM	25	0	24.32	24.39	24.34
5	64QAM	1	0	24.48	24.27	24.37
5	64QAM	1	12	24.43	24.09	24.12
5	64QAM	1	24	24.25	24.25	24.30
5	64QAM	12	0	23.55	23.46	23.37
5	64QAM	12	7	23.35	23.43	23.52
5	64QAM	12	13	23.16	23.41	23.14
5	64QAM	25	0	23.28	23.48	23.22



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	23.35	23.45	23.28
20	QPSK	1	49	23.20	23.40	23.28
20	QPSK	1	99	23.14	23.33	23.19
20	QPSK	50	0	22.38	22.46	22.28
20	QPSK	50	24	22.26	22.25	22.30
20	QPSK	50	50	22.33	22.31	22.25
20	QPSK	100	0	22.38	22.42	22.26
20	16QAM	1	0	22.20	22.43	22.19
20	16QAM	1	49	22.10	22.22	22.23
20	16QAM	1	99	22.29	22.18	22.09
20	16QAM	50	0	21.20	21.24	21.33
20	16QAM	50	24	21.22	21.38	21.26
20	16QAM	50	50	21.27	21.30	21.26
20	16QAM	100	0	21.28	21.33	21.20
20	64QAM	1	0	21.23	21.38	21.18
20	64QAM	1	49	21.24	21.23	21.28
20	64QAM	1	99	21.33	21.26	21.30
20	64QAM	50	0	20.36	20.46	20.35
20	64QAM	50	24	20.29	20.34	20.38
20	64QAM	50	50	20.39	20.32	20.25
20	64QAM	100	0	20.36	20.28	20.33



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	23.31	23.41	23.24
15	QPSK	1	37	23.39	23.09	23.14
15	QPSK	1	74	23.30	23.37	23.40
15	QPSK	36	0	22.44	22.51	22.40
15	QPSK	36	20	22.39	22.39	22.22
15	QPSK	36	39	22.18	22.47	22.39
15	QPSK	75	0	22.23	22.41	22.41
15	16QAM	1	0	22.40	22.42	22.42
15	16QAM	1	37	22.38	22.23	22.27
15	16QAM	1	74	22.19	22.09	22.08
15	16QAM	36	0	21.39	21.27	21.23
15	16QAM	36	20	21.26	21.30	21.20
15	16QAM	36	39	21.36	21.22	21.36
15	16QAM	75	0	21.38	21.31	21.40
15	64QAM	1	0	21.20	21.40	21.31
15	64QAM	1	37	21.39	21.26	21.14
15	64QAM	1	74	21.45	21.45	21.18
15	64QAM	36	0	20.46	20.45	20.33
15	64QAM	36	20	20.44	20.44	20.40
15	64QAM	36	39	20.23	20.18	20.17
15	64QAM	75	0	20.23	20.40	20.35



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	23.23	23.42	23.35
10	QPSK	1	25	23.07	23.41	23.30
10	QPSK	1	49	23.14	23.34	23.22
10	QPSK	25	0	22.25	22.43	22.38
10	QPSK	25	12	22.38	22.27	22.27
10	QPSK	25	25	22.41	22.31	22.34
10	QPSK	50	0	22.39	22.39	22.23
10	16QAM	1	0	22.48	22.36	22.26
10	16QAM	1	25	22.26	22.44	22.35
10	16QAM	1	49	22.36	22.07	22.19
10	16QAM	25	0	21.23	21.31	21.30
10	16QAM	25	12	21.45	21.18	21.38
10	16QAM	25	25	21.33	21.31	21.48
10	16QAM	50	0	21.22	21.25	21.38
10	64QAM	1	0	21.32	21.41	21.18
10	64QAM	1	25	21.21	21.41	21.40
10	64QAM	1	49	21.41	21.25	21.47
10	64QAM	25	0	20.37	20.38	20.33
10	64QAM	25	12	20.41	20.35	20.48
10	64QAM	25	25	20.21	20.34	20.19
10	64QAM	50	0	20.28	20.27	20.28



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	23.19	23.41	23.35
5	QPSK	1	12	23.07	23.30	23.19
5	QPSK	1	24	23.38	23.18	23.35
5	QPSK	12	0	22.20	22.42	22.35
5	QPSK	12	7	22.14	22.19	22.40
5	QPSK	12	13	22.45	22.45	22.20
5	QPSK	25	0	22.29	22.47	22.39
5	16QAM	1	0	22.26	22.26	22.39
5	16QAM	1	12	22.33	22.44	22.25
5	16QAM	1	24	22.21	22.19	22.32
5	16QAM	12	0	21.40	21.25	21.39
5	16QAM	12	7	21.41	21.26	21.43
5	16QAM	12	13	21.28	21.38	21.24
5	16QAM	25	0	21.38	21.18	21.25
5	64QAM	1	0	21.28	21.47	21.46
5	64QAM	1	12	21.30	21.39	21.16
5	64QAM	1	24	21.27	21.43	21.37
5	64QAM	12	0	20.33	20.43	20.42
5	64QAM	12	7	20.41	20.38	20.45
5	64QAM	12	13	20.23	20.23	20.28
5	64QAM	25	0	20.30	20.40	20.34



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				132072	132322	132572
Frequency (MHz)				1720	1745	1770
20	QPSK	1	0	23.36	23.41	23.32
20	QPSK	1	49	23.24	23.37	23.13
20	QPSK	1	99	23.15	23.35	23.20
20	QPSK	50	0	22.33	22.40	22.39
20	QPSK	50	24	22.21	22.27	22.19
20	QPSK	50	50	22.22	22.24	22.31
20	QPSK	100	0	22.28	22.24	22.22
20	16QAM	1	0	22.19	22.28	22.30
20	16QAM	1	49	22.28	22.19	22.35
20	16QAM	1	99	22.34	22.22	22.26
20	16QAM	50	0	21.22	21.38	21.38
20	16QAM	50	24	21.39	21.42	21.34
20	16QAM	50	50	21.33	21.25	21.41
20	16QAM	100	0	21.44	21.35	21.40
20	64QAM	1	0	21.18	21.33	21.21
20	64QAM	1	49	21.24	21.40	21.16
20	64QAM	1	99	21.36	21.19	21.34
20	64QAM	50	0	20.41	20.39	20.32
20	64QAM	50	24	20.39	20.28	20.30
20	64QAM	50	50	20.27	20.25	20.28
20	64QAM	100	0	20.23	20.31	20.27



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				132047	132322	132597
Frequency (MHz)				1717.5	1745	1772.5
15	QPSK	1	0	23.32	23.38	23.29
15	QPSK	1	37	23.07	23.21	23.15
15	QPSK	1	74	23.11	23.30	23.24
15	QPSK	36	0	22.29	22.44	22.39
15	QPSK	36	20	22.31	22.35	22.24
15	QPSK	36	39	22.37	22.24	22.37
15	QPSK	75	0	22.26	22.28	22.35
15	16QAM	1	0	22.33	22.33	22.33
15	16QAM	1	37	22.30	22.25	22.35
15	16QAM	1	74	22.31	22.17	22.16
15	16QAM	36	0	21.36	21.42	21.38
15	16QAM	36	20	21.21	21.20	21.22
15	16QAM	36	39	21.35	21.27	21.20
15	16QAM	75	0	21.42	21.23	21.40
15	64QAM	1	0	21.15	21.40	21.27
15	64QAM	1	37	21.33	21.23	21.23
15	64QAM	1	74	21.25	21.20	21.26
15	64QAM	36	0	20.44	20.39	20.34
15	64QAM	36	20	20.45	20.26	20.33
15	64QAM	36	39	20.26	20.31	20.22
15	64QAM	75	0	20.40	20.39	20.48



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				132022	132322	132622
Frequency (MHz)				1715	1745	1775
10	QPSK	1	0	23.32	23.38	23.19
10	QPSK	1	25	23.20	23.32	23.23
10	QPSK	1	49	23.24	23.20	23.25
10	QPSK	25	0	22.27	22.42	22.35
10	QPSK	25	12	22.25	22.27	22.40
10	QPSK	25	25	22.35	22.24	22.41
10	QPSK	50	0	22.40	22.38	22.20
10	16QAM	1	0	22.22	22.28	22.13
10	16QAM	1	25	22.13	22.34	22.49
10	16QAM	1	49	22.28	22.16	22.27
10	16QAM	25	0	21.18	21.31	21.23
10	16QAM	25	12	21.44	21.20	21.13
10	16QAM	25	25	21.32	21.36	21.45
10	16QAM	50	0	21.18	21.41	21.20
10	64QAM	1	0	21.28	21.41	21.20
10	64QAM	1	25	21.37	21.31	21.44
10	64QAM	1	49	21.30	21.12	21.30
10	64QAM	25	0	20.31	20.42	20.44
10	64QAM	25	12	20.29	20.30	20.43
10	64QAM	25	25	20.23	20.40	20.38
10	64QAM	50	0	20.44	20.26	20.35



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				131997	132322	132647
Frequency (MHz)				1712.5	1745	1777.5
5	QPSK	1	0	23.37	23.36	23.22
5	QPSK	1	12	23.14	23.22	23.17
5	QPSK	1	24	23.22	23.32	23.24
5	QPSK	12	0	22.36	22.29	22.29
5	QPSK	12	7	22.30	22.33	22.23
5	QPSK	12	13	22.25	22.31	22.29
5	QPSK	25	0	22.29	22.26	22.33
5	16QAM	1	0	22.19	22.31	22.14
5	16QAM	1	12	22.12	22.40	22.26
5	16QAM	1	24	22.37	22.15	22.37
5	16QAM	12	0	21.22	21.32	21.28
5	16QAM	12	7	21.33	21.39	21.30
5	16QAM	12	13	21.30	21.28	21.43
5	16QAM	25	0	21.17	21.24	21.28
5	64QAM	1	0	21.37	21.33	21.26
5	64QAM	1	12	21.26	21.41	21.38
5	64QAM	1	24	21.17	21.21	21.21
5	64QAM	12	0	20.41	20.39	20.48
5	64QAM	12	7	20.33	20.32	20.33
5	64QAM	12	13	20.21	20.20	20.25
5	64QAM	25	0	20.40	20.28	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				131987	132322	132657
Frequency (MHz)				1711.5	1745	1778.5
3	QPSK	1	0	23.33	23.39	23.34
3	QPSK	1	8	23.38	23.15	23.33
3	QPSK	1	14	23.25	23.27	23.28
3	QPSK	8	0	22.39	22.28	22.36
3	QPSK	8	4	22.26	22.29	22.24
3	QPSK	8	7	22.39	22.25	22.23
3	QPSK	15	0	22.44	22.52	22.49
3	16QAM	1	0	22.39	22.39	22.21
3	16QAM	1	8	22.40	22.33	22.43
3	16QAM	1	14	22.40	22.40	22.16
3	16QAM	8	0	21.42	21.44	21.26
3	16QAM	8	4	21.47	21.47	21.26
3	16QAM	8	7	21.21	21.32	21.23
3	16QAM	15	0	21.25	21.33	21.16
3	64QAM	1	0	21.18	21.37	21.28
3	64QAM	1	8	21.32	21.31	21.13
3	64QAM	1	14	21.30	21.22	21.25
3	64QAM	8	0	20.42	20.38	20.30
3	64QAM	8	4	20.27	20.27	20.39
3	64QAM	8	7	20.35	20.40	20.33
3	64QAM	15	0	20.30	20.54	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	23.17	23.37	23.36
1.4	QPSK	1	3	23.15	23.26	23.18
1.4	QPSK	1	5	23.29	23.24	23.13
1.4	QPSK	3	0	22.36	22.41	22.45
1.4	QPSK	3	1	22.21	22.41	22.46
1.4	QPSK	3	3	22.18	22.35	22.45
1.4	QPSK	6	0	22.40	22.35	22.19
1.4	16QAM	1	0	22.38	22.60	22.17
1.4	16QAM	1	3	22.12	22.51	22.37
1.4	16QAM	1	5	22.20	22.46	22.15
1.4	16QAM	3	0	21.27	21.62	21.33
1.4	16QAM	3	1	21.46	21.40	21.30
1.4	16QAM	3	3	21.54	21.50	21.22
1.4	16QAM	6	0	21.20	21.31	21.17
1.4	64QAM	1	0	21.30	21.51	21.38
1.4	64QAM	1	3	21.40	21.40	21.39
1.4	64QAM	1	5	21.27	21.32	21.37
1.4	64QAM	3	0	20.47	20.56	20.44
1.4	64QAM	3	1	20.32	20.45	20.41
1.4	64QAM	3	3	20.28	20.22	20.46
1.4	64QAM	6	0	20.57	20.43	20.54



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	22.76	22.80	22.74
20	QPSK	1	49	22.68	22.75	22.66
20	QPSK	1	99	22.73	22.65	22.70
20	QPSK	50	0	21.73	21.87	21.86
20	QPSK	50	24	21.85	21.77	21.83
20	QPSK	50	50	21.84	21.70	21.71
20	QPSK	100	0	21.64	21.79	21.74
20	16QAM	1	0	21.90	21.91	21.76
20	16QAM	1	49	21.82	21.74	21.88
20	16QAM	1	99	21.76	21.79	21.77
20	16QAM	50	0	20.90	20.84	20.95
20	16QAM	50	24	20.74	20.71	20.90
20	16QAM	50	50	20.85	20.72	20.77
20	16QAM	100	0	20.74	20.77	20.84
20	64QAM	1	0	20.77	20.76	20.71
20	64QAM	1	49	20.80	20.93	20.81
20	64QAM	1	99	20.79	20.93	20.72
20	64QAM	50	0	19.83	19.76	19.76
20	64QAM	50	24	19.76	19.84	19.82
20	64QAM	50	50	19.65	19.68	19.76
20	64QAM	100	0	19.81	19.75	19.80



LTE Band 71						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				133197	133297	133397
Frequency (MHz)				670.5	680.5	690.5
15	QPSK	1	0	23.59	23.70	23.57
15	QPSK	1	37	23.64	23.60	23.63
15	QPSK	1	74	23.61	23.57	23.57
15	QPSK	36	0	22.63	22.76	22.74
15	QPSK	36	20	22.72	22.69	22.71
15	QPSK	36	39	22.60	22.59	22.62
15	QPSK	75	0	22.68	22.61	22.73
15	16QAM	1	0	22.65	22.77	22.82
15	16QAM	1	37	22.58	22.82	22.73
15	16QAM	1	74	22.61	22.68	22.82
15	16QAM	36	0	21.69	21.72	21.82
15	16QAM	36	20	21.75	21.69	21.75
15	16QAM	36	39	21.73	21.71	21.61
15	16QAM	75	0	21.55	21.72	21.64
15	64QAM	1	0	21.62	21.76	21.65
15	64QAM	1	37	21.60	21.85	21.76
15	64QAM	1	74	21.79	21.64	21.71
15	64QAM	36	0	20.74	20.77	20.63
15	64QAM	36	20	20.62	20.69	20.82
15	64QAM	36	39	20.82	20.83	20.68
15	64QAM	75	0	20.86	20.73	20.70



LTE Band 71						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				133172	133272	133422
Frequency (MHz)				668	678	693
10	QPSK	1	0	23.64	23.68	23.54
10	QPSK	1	25	23.66	23.57	23.59
10	QPSK	1	49	23.61	23.63	23.61
10	QPSK	25	0	22.62	22.83	22.84
10	QPSK	25	12	22.61	22.69	22.65
10	QPSK	25	25	22.75	22.80	22.66
10	QPSK	50	0	22.59	22.68	22.74
10	16QAM	1	0	22.83	22.73	22.84
10	16QAM	1	25	22.65	22.63	22.72
10	16QAM	1	49	22.67	22.75	22.70
10	16QAM	25	0	21.76	21.69	21.84
10	16QAM	25	12	21.72	21.68	21.57
10	16QAM	25	25	21.74	21.77	21.76
10	16QAM	50	0	21.57	21.80	21.61
10	64QAM	1	0	21.60	21.72	21.61
10	64QAM	1	25	21.82	21.76	21.67
10	64QAM	1	49	21.72	21.58	21.74
10	64QAM	25	0	20.56	20.80	20.84
10	64QAM	25	12	20.77	20.86	20.75
10	64QAM	25	25	20.79	20.73	20.86
10	64QAM	50	0	20.85	20.83	20.79



LTE Band 71						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				133147	133247	133447
Frequency (MHz)				665.5	675.5	695.5
5	QPSK	1	0	23.66	23.67	23.59
5	QPSK	1	12	23.45	23.51	23.51
5	QPSK	1	24	23.59	23.61	23.57
5	QPSK	12	0	22.94	22.83	22.69
5	QPSK	12	7	22.70	22.80	22.85
5	QPSK	12	13	22.71	22.60	22.63
5	QPSK	25	0	22.75	22.71	22.80
5	16QAM	1	0	22.77	22.75	22.80
5	16QAM	1	12	22.68	22.66	22.87
5	16QAM	1	24	22.58	22.79	22.70
5	16QAM	12	0	21.63	21.76	21.66
5	16QAM	12	7	21.58	21.80	21.63
5	16QAM	12	13	21.80	21.77	21.73
5	16QAM	25	0	21.81	21.70	21.58
5	64QAM	1	0	21.72	21.71	21.88
5	64QAM	1	12	21.75	21.71	21.66
5	64QAM	1	24	21.64	21.54	21.74
5	64QAM	12	0	20.78	20.84	20.86
5	64QAM	12	7	20.77	20.73	20.72
5	64QAM	12	13	20.67	20.71	20.68
5	64QAM	25	0	20.64	20.79	20.78



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	25.44	0.350	25.52	0.356	25.41	0.348
20	QPSK	1	49	25.33	0.341	25.38	0.345	25.35	0.343
20	QPSK	1	99	25.40	0.347	25.44	0.350	25.42	0.348
20	QPSK	50	0	24.51	0.282	24.64	0.291	24.56	0.286
20	QPSK	50	24	24.42	0.277	24.55	0.285	24.47	0.280
20	QPSK	50	50	24.44	0.278	24.45	0.279	24.51	0.282
20	QPSK	100	0	24.43	0.277	24.49	0.281	24.48	0.281
20	16QAM	1	0	24.48	0.281	24.57	0.286	24.42	0.277
20	16QAM	1	49	24.37	0.274	24.47	0.280	24.49	0.281
20	16QAM	1	99	24.45	0.279	24.44	0.278	24.36	0.273
20	16QAM	50	0	23.47	0.222	23.58	0.228	23.52	0.225
20	16QAM	50	24	23.46	0.222	23.45	0.221	23.39	0.218
20	16QAM	50	50	23.49	0.223	23.53	0.225	23.45	0.221
20	16QAM	100	0	23.44	0.221	23.50	0.224	23.41	0.219
20	64QAM	1	0	23.43	0.220	23.55	0.226	23.44	0.221
20	64QAM	1	49	23.49	0.223	23.52	0.225	23.38	0.218
20	64QAM	1	99	23.45	0.221	23.40	0.219	23.42	0.220
20	64QAM	50	0	22.60	0.182	22.66	0.185	22.62	0.183
20	64QAM	50	24	22.48	0.177	22.56	0.180	22.59	0.182
20	64QAM	50	50	22.44	0.175	22.47	0.177	22.43	0.175
20	64QAM	100	0	22.52	0.179	22.54	0.179	22.50	0.178



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	25.36	0.344	25.49	0.354	25.37	0.344
15	QPSK	1	37	25.41	0.348	25.37	0.344	25.36	0.344
15	QPSK	1	74	25.35	0.343	25.38	0.345	25.40	0.347
15	QPSK	36	0	24.34	0.272	24.60	0.288	24.59	0.288
15	QPSK	36	20	24.40	0.275	24.52	0.283	24.50	0.282
15	QPSK	36	39	24.44	0.278	24.40	0.275	24.58	0.287
15	QPSK	75	0	24.37	0.274	24.41	0.276	24.32	0.270
15	16QAM	1	0	24.52	0.283	24.57	0.286	24.44	0.278
15	16QAM	1	37	24.45	0.279	24.34	0.272	24.56	0.286
15	16QAM	1	74	24.46	0.279	24.56	0.286	24.35	0.272
15	16QAM	36	0	23.27	0.212	23.41	0.219	23.51	0.224
15	16QAM	36	20	23.45	0.221	23.29	0.213	23.25	0.211
15	16QAM	36	39	23.30	0.214	23.57	0.228	23.45	0.221
15	16QAM	75	0	23.56	0.227	23.51	0.224	23.29	0.213
15	64QAM	1	0	23.38	0.218	23.63	0.231	23.49	0.223
15	64QAM	1	37	23.53	0.225	23.54	0.226	23.35	0.216
15	64QAM	1	74	23.50	0.224	23.30	0.214	23.33	0.215
15	64QAM	36	0	22.50	0.178	22.61	0.182	22.41	0.174
15	64QAM	36	20	22.46	0.176	22.50	0.178	22.67	0.185
15	64QAM	36	39	22.35	0.172	22.47	0.177	22.52	0.179
15	64QAM	75	0	22.40	0.174	22.54	0.179	22.45	0.176



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	25.45	0.351	25.47	0.352	25.32	0.340
10	QPSK	1	25	25.34	0.342	25.46	0.352	25.41	0.348
10	QPSK	1	49	25.40	0.347	25.41	0.348	25.35	0.343
10	QPSK	25	0	24.35	0.272	24.47	0.280	24.59	0.288
10	QPSK	25	12	24.34	0.272	24.47	0.280	24.56	0.286
10	QPSK	25	25	24.34	0.272	24.53	0.284	24.35	0.272
10	QPSK	50	0	24.49	0.281	24.56	0.286	24.56	0.286
10	16QAM	1	0	24.40	0.275	24.62	0.290	24.49	0.281
10	16QAM	1	25	24.42	0.277	24.38	0.274	24.63	0.290
10	16QAM	1	49	24.41	0.276	24.48	0.281	24.42	0.277
10	16QAM	25	0	23.37	0.217	23.44	0.221	23.57	0.228
10	16QAM	25	12	23.56	0.227	23.54	0.226	23.38	0.218
10	16QAM	25	25	23.44	0.221	23.54	0.226	23.44	0.221
10	16QAM	50	0	23.49	0.223	23.62	0.230	23.44	0.221
10	64QAM	1	0	23.58	0.228	23.37	0.217	23.53	0.225
10	64QAM	1	25	23.46	0.222	23.36	0.217	23.37	0.217
10	64QAM	1	49	23.55	0.226	23.29	0.213	23.42	0.220
10	64QAM	25	0	22.72	0.187	22.63	0.183	22.51	0.178
10	64QAM	25	12	22.42	0.175	22.50	0.178	22.59	0.182
10	64QAM	25	25	22.37	0.173	22.44	0.175	22.50	0.178
10	64QAM	50	0	22.49	0.177	22.57	0.181	22.37	0.173



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	25.44	0.350	25.47	0.352	25.45	0.351
5	QPSK	1	12	25.35	0.343	25.44	0.350	25.43	0.349
5	QPSK	1	24	25.41	0.348	25.44	0.350	25.45	0.351
5	QPSK	12	0	24.46	0.279	24.53	0.284	24.37	0.274
5	QPSK	12	7	24.38	0.274	24.52	0.283	24.31	0.270
5	QPSK	12	13	24.43	0.277	24.31	0.270	24.35	0.272
5	QPSK	25	0	24.41	0.276	24.60	0.288	24.48	0.281
5	16QAM	1	0	24.35	0.272	24.53	0.284	24.36	0.273
5	16QAM	1	12	24.38	0.274	24.48	0.281	24.59	0.288
5	16QAM	1	24	24.57	0.286	24.53	0.284	24.28	0.268
5	16QAM	12	0	23.53	0.225	23.43	0.220	23.38	0.218
5	16QAM	12	7	23.32	0.215	23.33	0.215	23.37	0.217
5	16QAM	12	13	23.53	0.225	23.63	0.231	23.31	0.214
5	16QAM	25	0	23.49	0.223	23.55	0.226	23.45	0.221
5	64QAM	1	0	23.40	0.219	23.57	0.228	23.34	0.216
5	64QAM	1	12	23.42	0.220	23.34	0.216	23.38	0.218
5	64QAM	1	24	23.52	0.225	23.42	0.220	23.40	0.219
5	64QAM	12	0	22.42	0.175	22.51	0.178	22.55	0.180
5	64QAM	12	7	22.39	0.173	22.43	0.175	22.51	0.178
5	64QAM	12	13	22.38	0.173	22.30	0.170	22.48	0.177
5	64QAM	25	0	22.50	0.178	22.45	0.176	22.46	0.176



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	25.42	0.348	25.48	0.353	25.37	0.344
3	QPSK	1	8	25.38	0.345	25.44	0.350	25.34	0.342
3	QPSK	1	14	25.36	0.344	25.42	0.348	25.38	0.345
3	QPSK	8	0	24.49	0.281	24.68	0.294	24.61	0.289
3	QPSK	8	4	24.55	0.285	24.70	0.295	24.37	0.274
3	QPSK	8	7	24.54	0.284	24.49	0.281	24.44	0.278
3	QPSK	15	0	24.31	0.270	24.60	0.288	24.52	0.283
3	16QAM	1	0	24.33	0.271	24.46	0.279	24.37	0.274
3	16QAM	1	8	24.48	0.281	24.28	0.268	24.39	0.275
3	16QAM	1	14	24.52	0.283	24.33	0.271	24.40	0.275
3	16QAM	8	0	23.31	0.214	23.51	0.224	23.52	0.225
3	16QAM	8	4	23.60	0.229	23.53	0.225	23.47	0.222
3	16QAM	8	7	23.48	0.223	23.51	0.224	23.27	0.212
3	16QAM	15	0	23.34	0.216	23.64	0.231	23.47	0.222
3	64QAM	1	0	23.31	0.214	23.66	0.232	23.30	0.214
3	64QAM	1	8	23.52	0.225	23.33	0.215	23.37	0.217
3	64QAM	1	14	23.32	0.215	23.44	0.221	23.42	0.220
3	64QAM	8	0	22.61	0.182	22.68	0.185	22.50	0.178
3	64QAM	8	4	22.38	0.173	22.63	0.183	22.58	0.181
3	64QAM	8	7	22.36	0.172	22.35	0.172	22.50	0.178
3	64QAM	15	0	22.39	0.173	22.60	0.182	22.47	0.177



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	25.46	0.352	25.46	0.352	25.41	0.348
1.4	QPSK	1	3	25.42	0.348	25.33	0.341	25.35	0.343
1.4	QPSK	1	5	25.41	0.348	25.31	0.340	25.38	0.345
1.4	QPSK	3	0	24.65	0.292	24.72	0.296	24.61	0.289
1.4	QPSK	3	1	24.49	0.281	24.40	0.275	24.34	0.272
1.4	QPSK	3	3	24.45	0.279	24.57	0.286	24.65	0.292
1.4	QPSK	6	0	24.50	0.282	24.40	0.275	24.59	0.288
1.4	16QAM	1	0	24.37	0.274	24.63	0.290	24.44	0.278
1.4	16QAM	1	3	24.42	0.277	24.34	0.272	24.42	0.277
1.4	16QAM	1	5	24.35	0.272	24.34	0.272	24.45	0.279
1.4	16QAM	3	0	23.53	0.225	23.67	0.233	23.33	0.215
1.4	16QAM	3	1	23.40	0.219	23.38	0.218	23.34	0.216
1.4	16QAM	3	3	23.51	0.224	23.64	0.231	23.51	0.224
1.4	16QAM	6	0	23.52	0.225	23.60	0.229	23.28	0.213
1.4	64QAM	1	0	23.34	0.216	23.59	0.229	23.44	0.221
1.4	64QAM	1	3	23.34	0.216	23.60	0.229	23.53	0.225
1.4	64QAM	1	5	23.56	0.227	23.47	0.222	23.54	0.226
1.4	64QAM	3	0	22.53	0.179	22.52	0.179	22.46	0.176
1.4	64QAM	3	1	22.38	0.173	22.54	0.179	22.42	0.175
1.4	64QAM	3	3	22.55	0.180	22.61	0.182	22.41	0.174
1.4	64QAM	6	0	22.50	0.178	22.67	0.185	22.48	0.177



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	27.07	0.509	27.16	0.520	27.02	0.504
20	QPSK	1	49	27.00	0.501	27.03	0.505	27.05	0.507
20	QPSK	1	99	27.09	0.512	27.05	0.507	26.99	0.500
20	QPSK	50	0	26.12	0.409	26.20	0.417	26.10	0.407
20	QPSK	50	24	26.16	0.413	26.05	0.403	26.11	0.408
20	QPSK	50	50	26.02	0.400	25.96	0.394	26.09	0.406
20	QPSK	100	0	25.94	0.393	26.04	0.402	26.00	0.398
20	16QAM	1	0	26.08	0.406	26.18	0.415	25.91	0.390
20	16QAM	1	49	25.92	0.391	26.22	0.419	26.01	0.399
20	16QAM	1	99	25.91	0.390	26.17	0.414	25.99	0.397
20	16QAM	50	0	25.10	0.324	25.18	0.330	25.24	0.334
20	16QAM	50	24	25.03	0.318	25.06	0.321	25.00	0.316
20	16QAM	50	50	24.99	0.316	25.15	0.327	25.12	0.325
20	16QAM	100	0	25.08	0.322	25.11	0.324	25.05	0.320
20	64QAM	1	0	25.12	0.325	25.04	0.319	25.12	0.325
20	64QAM	1	49	25.21	0.332	25.23	0.333	25.07	0.321
20	64QAM	1	99	25.16	0.328	25.05	0.320	24.96	0.313
20	64QAM	50	0	24.18	0.262	24.22	0.264	24.25	0.266
20	64QAM	50	24	23.97	0.249	24.23	0.265	24.15	0.260
20	64QAM	50	50	23.94	0.248	24.16	0.261	24.14	0.259
20	64QAM	100	0	24.19	0.262	24.06	0.255	23.93	0.247



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	26.92	0.492	27.12	0.515	27.06	0.508
15	QPSK	1	37	27.01	0.502	26.86	0.485	26.97	0.498
15	QPSK	1	74	26.93	0.493	26.87	0.486	27.02	0.504
15	QPSK	36	0	26.04	0.402	26.17	0.414	26.15	0.412
15	QPSK	36	20	26.19	0.416	26.18	0.415	26.03	0.401
15	QPSK	36	39	25.92	0.391	26.03	0.401	26.07	0.405
15	QPSK	75	0	26.09	0.406	26.11	0.408	26.21	0.418
15	16QAM	1	0	26.08	0.406	26.21	0.418	26.06	0.404
15	16QAM	1	37	25.97	0.395	25.93	0.392	25.96	0.394
15	16QAM	1	74	25.97	0.395	25.92	0.391	25.91	0.390
15	16QAM	36	0	25.23	0.333	25.04	0.319	25.24	0.334
15	16QAM	36	20	24.92	0.310	25.11	0.324	25.11	0.324
15	16QAM	36	39	24.95	0.313	25.06	0.321	25.01	0.317
15	16QAM	75	0	25.22	0.333	25.23	0.333	25.03	0.318
15	64QAM	1	0	25.00	0.316	25.07	0.321	25.19	0.330
15	64QAM	1	37	25.16	0.328	25.05	0.320	24.90	0.309
15	64QAM	1	74	24.97	0.314	24.99	0.316	24.92	0.310
15	64QAM	36	0	24.36	0.273	24.28	0.268	24.22	0.264
15	64QAM	36	20	24.13	0.259	24.17	0.261	24.19	0.262
15	64QAM	36	39	24.15	0.260	24.09	0.256	24.12	0.258
15	64QAM	75	0	24.13	0.259	24.26	0.267	24.06	0.255



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	26.99	0.500	27.11	0.514	26.94	0.494
10	QPSK	1	25	26.93	0.493	26.93	0.493	27.00	0.501
10	QPSK	1	49	27.10	0.513	27.06	0.508	26.97	0.498
10	QPSK	25	0	25.97	0.395	26.27	0.424	26.21	0.418
10	QPSK	25	12	25.93	0.392	26.15	0.412	25.96	0.394
10	QPSK	25	25	26.10	0.407	26.08	0.406	26.16	0.413
10	QPSK	50	0	26.06	0.404	26.27	0.424	26.22	0.419
10	16QAM	1	0	25.91	0.390	26.18	0.415	25.92	0.391
10	16QAM	1	25	26.07	0.405	25.93	0.392	26.09	0.406
10	16QAM	1	49	26.16	0.413	26.08	0.406	25.98	0.396
10	16QAM	25	0	25.07	0.321	25.15	0.327	25.01	0.317
10	16QAM	25	12	25.20	0.331	25.12	0.325	24.98	0.315
10	16QAM	25	25	24.99	0.316	25.04	0.319	25.22	0.333
10	16QAM	50	0	25.16	0.328	25.19	0.330	24.98	0.315
10	64QAM	1	0	25.10	0.324	25.01	0.317	24.94	0.312
10	64QAM	1	25	25.06	0.321	25.07	0.321	25.09	0.323
10	64QAM	1	49	25.13	0.326	24.89	0.308	25.16	0.328
10	64QAM	25	0	24.24	0.265	24.20	0.263	24.09	0.256
10	64QAM	25	12	24.13	0.259	24.09	0.256	24.03	0.253
10	64QAM	25	25	23.88	0.244	23.97	0.249	23.89	0.245
10	64QAM	50	0	24.23	0.265	24.17	0.261	24.09	0.256



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	27.04	0.506	27.12	0.515	27.07	0.509
5	QPSK	1	12	26.98	0.499	27.00	0.501	26.94	0.494
5	QPSK	1	24	26.94	0.494	27.05	0.507	27.04	0.506
5	QPSK	12	0	26.14	0.411	26.22	0.419	26.13	0.410
5	QPSK	12	7	26.11	0.408	26.14	0.411	26.06	0.404
5	QPSK	12	13	26.05	0.403	26.13	0.410	26.06	0.404
5	QPSK	25	0	26.13	0.410	25.97	0.395	25.98	0.396
5	16QAM	1	0	25.92	0.391	26.16	0.413	26.18	0.415
5	16QAM	1	12	25.95	0.394	26.14	0.411	26.17	0.414
5	16QAM	1	24	25.91	0.390	26.03	0.401	26.00	0.398
5	16QAM	12	0	25.06	0.321	25.25	0.335	25.05	0.320
5	16QAM	12	7	24.98	0.315	25.12	0.325	25.09	0.323
5	16QAM	12	13	25.25	0.335	25.12	0.325	25.21	0.332
5	16QAM	25	0	25.12	0.325	25.28	0.337	25.00	0.316
5	64QAM	1	0	25.17	0.329	25.08	0.322	25.05	0.320
5	64QAM	1	12	25.13	0.326	25.07	0.321	24.96	0.313
5	64QAM	1	24	24.99	0.316	25.10	0.324	24.95	0.313
5	64QAM	12	0	24.08	0.256	24.22	0.264	24.13	0.259
5	64QAM	12	7	23.91	0.246	24.20	0.263	24.12	0.258
5	64QAM	12	13	23.90	0.245	24.16	0.261	23.99	0.251
5	64QAM	25	0	24.16	0.261	24.19	0.262	23.97	0.249



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	26.94	0.494	27.10	0.513	27.04	0.506
3	QPSK	1	8	26.98	0.499	26.94	0.494	26.98	0.499
3	QPSK	1	14	26.96	0.497	27.04	0.506	26.92	0.492
3	QPSK	8	0	26.04	0.402	26.20	0.417	26.10	0.407
3	QPSK	8	4	26.17	0.414	26.14	0.411	25.94	0.393
3	QPSK	8	7	25.93	0.392	25.95	0.394	26.04	0.402
3	QPSK	15	0	25.92	0.391	25.95	0.394	25.94	0.393
3	16QAM	1	0	26.06	0.404	26.11	0.408	26.03	0.401
3	16QAM	1	8	26.00	0.398	26.08	0.406	25.97	0.395
3	16QAM	1	14	26.18	0.415	26.11	0.408	25.96	0.394
3	16QAM	8	0	25.16	0.328	25.17	0.329	25.15	0.327
3	16QAM	8	4	25.19	0.330	25.10	0.324	24.98	0.315
3	16QAM	8	7	25.13	0.326	25.29	0.338	25.00	0.316
3	16QAM	15	0	24.90	0.309	24.99	0.316	25.12	0.325
3	64QAM	1	0	24.91	0.310	25.23	0.333	25.07	0.321
3	64QAM	1	8	25.15	0.327	25.17	0.329	24.85	0.305
3	64QAM	1	14	25.01	0.317	24.87	0.307	25.02	0.318
3	64QAM	8	0	24.20	0.263	24.23	0.265	24.22	0.264
3	64QAM	8	4	24.00	0.251	24.16	0.261	24.02	0.252
3	64QAM	8	7	24.02	0.252	23.96	0.249	24.00	0.251
3	64QAM	15	0	24.21	0.264	24.17	0.261	24.08	0.256



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	26.98	0.499	27.11	0.514	27.03	0.505
1.4	QPSK	1	3	27.01	0.502	27.09	0.512	27.02	0.504
1.4	QPSK	1	5	26.93	0.493	27.03	0.505	27.06	0.508
1.4	QPSK	3	0	26.13	0.410	26.21	0.418	26.06	0.404
1.4	QPSK	3	1	26.17	0.414	26.02	0.400	26.23	0.420
1.4	QPSK	3	3	26.10	0.407	26.10	0.407	26.10	0.407
1.4	QPSK	6	0	25.97	0.395	26.08	0.406	26.02	0.400
1.4	16QAM	1	0	26.06	0.404	26.13	0.410	26.05	0.403
1.4	16QAM	1	3	25.80	0.380	25.92	0.391	25.94	0.393
1.4	16QAM	1	5	26.07	0.405	25.88	0.387	25.88	0.387
1.4	16QAM	3	0	25.02	0.318	25.15	0.327	25.09	0.323
1.4	16QAM	3	1	25.09	0.323	24.93	0.311	24.90	0.309
1.4	16QAM	3	3	25.15	0.327	25.17	0.329	25.23	0.333
1.4	16QAM	6	0	24.94	0.312	25.10	0.324	25.05	0.320
1.4	64QAM	1	0	24.93	0.311	24.98	0.315	25.09	0.323
1.4	64QAM	1	3	25.09	0.323	25.20	0.331	25.09	0.323
1.4	64QAM	1	5	24.98	0.315	24.97	0.314	24.95	0.313
1.4	64QAM	3	0	24.17	0.261	24.16	0.261	24.13	0.259
1.4	64QAM	3	1	24.12	0.258	24.02	0.252	24.20	0.263
1.4	64QAM	3	3	24.00	0.251	23.91	0.246	24.16	0.261
1.4	64QAM	6	0	23.97	0.249	24.12	0.258	24.10	0.257



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	20.86	0.122	20.89	0.123	20.82	0.121
10	QPSK	1	25	20.80	0.120	20.82	0.121	20.80	0.120
10	QPSK	1	49	20.80	0.120	20.86	0.122	20.79	0.120
10	QPSK	25	0	19.91	0.098	20.15	0.104	20.02	0.100
10	QPSK	25	12	19.86	0.097	20.09	0.102	19.95	0.099
10	QPSK	25	25	19.90	0.098	19.82	0.096	19.87	0.097
10	QPSK	50	0	19.95	0.099	19.90	0.098	19.86	0.097
10	16QAM	1	0	19.81	0.096	19.92	0.098	19.87	0.097
10	16QAM	1	25	19.80	0.095	19.81	0.096	19.82	0.096
10	16QAM	1	49	20.00	0.100	19.92	0.098	19.84	0.096
10	16QAM	25	0	18.82	0.076	19.13	0.082	18.84	0.077
10	16QAM	25	12	18.80	0.076	18.95	0.079	18.81	0.076
10	16QAM	25	25	18.86	0.077	18.96	0.079	18.85	0.077
10	16QAM	50	0	18.86	0.077	18.81	0.076	18.87	0.077
10	64QAM	1	0	18.64	0.073	18.83	0.076	18.88	0.077
10	64QAM	1	25	18.69	0.074	18.96	0.079	18.87	0.077
10	64QAM	1	49	18.90	0.078	18.82	0.076	18.85	0.077
10	64QAM	25	0	17.88	0.061	18.14	0.065	18.15	0.065
10	64QAM	25	12	18.01	0.063	17.91	0.062	17.90	0.062
10	64QAM	25	25	17.81	0.060	17.82	0.061	17.81	0.060
10	64QAM	50	0	17.94	0.062	17.88	0.061	17.82	0.061



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	20.78	0.120	20.86	0.122	20.84	0.121
5	QPSK	1	12	20.83	0.121	20.82	0.121	20.82	0.121
5	QPSK	1	24	20.85	0.122	20.81	0.121	20.85	0.122
5	QPSK	12	0	19.89	0.097	20.02	0.100	20.00	0.100
5	QPSK	12	7	19.88	0.097	20.00	0.100	19.94	0.099
5	QPSK	12	13	19.85	0.097	19.99	0.100	19.87	0.097
5	QPSK	25	0	19.86	0.097	19.90	0.098	19.89	0.097
5	16QAM	1	0	19.82	0.096	19.94	0.099	19.82	0.096
5	16QAM	1	12	19.86	0.097	19.96	0.099	19.81	0.096
5	16QAM	1	24	19.82	0.096	19.83	0.096	19.86	0.097
5	16QAM	12	0	18.70	0.074	18.94	0.078	18.94	0.078
5	16QAM	12	7	18.79	0.076	18.86	0.077	18.79	0.076
5	16QAM	12	13	18.81	0.076	18.82	0.076	18.74	0.075
5	16QAM	25	0	18.87	0.077	18.81	0.076	18.85	0.077
5	64QAM	1	0	18.84	0.077	19.11	0.081	18.87	0.077
5	64QAM	1	12	18.92	0.078	19.07	0.081	18.89	0.077
5	64QAM	1	24	18.90	0.078	18.82	0.076	18.89	0.077
5	64QAM	12	0	17.82	0.061	18.09	0.064	17.87	0.061
5	64QAM	12	7	17.79	0.060	17.76	0.060	17.86	0.061
5	64QAM	12	13	17.92	0.062	17.81	0.060	17.84	0.061
5	64QAM	25	0	18.07	0.064	17.92	0.062	17.98	0.063



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	20.80	0.120	20.87	0.122	20.82	0.121
3	QPSK	1	8	20.83	0.121	20.79	0.120	20.80	0.120
3	QPSK	1	14	20.84	0.121	20.84	0.121	20.76	0.119
3	QPSK	8	0	19.72	0.094	19.96	0.099	19.86	0.097
3	QPSK	8	4	19.95	0.099	19.88	0.097	19.86	0.097
3	QPSK	8	7	19.88	0.097	19.84	0.096	19.90	0.098
3	QPSK	15	0	19.77	0.095	19.79	0.095	19.81	0.096
3	16QAM	1	0	19.75	0.094	20.04	0.101	19.82	0.096
3	16QAM	1	8	19.95	0.099	19.77	0.095	20.04	0.101
3	16QAM	1	14	19.88	0.097	19.85	0.097	19.82	0.096
3	16QAM	8	0	18.79	0.076	18.97	0.079	18.86	0.077
3	16QAM	8	4	18.75	0.075	18.98	0.079	18.80	0.076
3	16QAM	8	7	18.77	0.075	18.77	0.075	18.98	0.079
3	16QAM	15	0	18.86	0.077	18.88	0.077	18.78	0.076
3	64QAM	1	0	18.92	0.078	19.09	0.081	18.81	0.076
3	64QAM	1	8	18.87	0.077	19.07	0.081	18.89	0.077
3	64QAM	1	14	19.00	0.079	18.83	0.076	18.84	0.077
3	64QAM	8	0	17.93	0.062	17.93	0.062	17.99	0.063
3	64QAM	8	4	18.02	0.063	17.77	0.060	18.01	0.063
3	64QAM	8	7	17.88	0.061	17.84	0.061	17.88	0.061
3	64QAM	15	0	17.90	0.062	18.01	0.063	17.81	0.060



LTE Band 5				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20407		20525		20643	
Frequency (MHz)				824.7		836.5		848.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	20.85	0.122	20.88	0.122	20.86	0.122
1.4	QPSK	1	3	20.81	0.121	20.77	0.119	20.78	0.120
1.4	QPSK	1	5	20.84	0.121	20.84	0.121	20.84	0.121
1.4	QPSK	3	0	19.86	0.097	19.95	0.099	20.04	0.101
1.4	QPSK	3	1	19.92	0.098	19.85	0.097	19.80	0.095
1.4	QPSK	3	3	19.90	0.098	19.81	0.096	19.88	0.097
1.4	QPSK	6	0	19.80	0.095	19.72	0.094	19.95	0.099
1.4	16QAM	1	0	19.85	0.097	19.99	0.100	19.90	0.098
1.4	16QAM	1	3	19.81	0.096	19.77	0.095	19.77	0.095
1.4	16QAM	1	5	19.80	0.095	19.91	0.098	19.89	0.097
1.4	16QAM	3	0	18.95	0.079	18.92	0.078	18.98	0.079
1.4	16QAM	3	1	18.86	0.077	18.87	0.077	18.90	0.078
1.4	16QAM	3	3	18.82	0.076	18.88	0.077	18.93	0.078
1.4	16QAM	6	0	18.86	0.077	18.86	0.077	18.80	0.076
1.4	64QAM	1	0	18.69	0.074	19.01	0.080	18.73	0.075
1.4	64QAM	1	3	18.79	0.076	18.74	0.075	18.67	0.074
1.4	64QAM	1	5	18.99	0.079	18.90	0.078	18.75	0.075
1.4	64QAM	3	0	17.83	0.061	18.07	0.064	18.12	0.065
1.4	64QAM	3	1	17.80	0.060	18.07	0.064	17.94	0.062
1.4	64QAM	3	3	17.82	0.061	17.97	0.063	17.92	0.062
1.4	64QAM	6	0	18.01	0.063	17.98	0.063	17.81	0.060



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	26.46	0.443	26.64	0.461	26.62	0.459
20	QPSK	1	49	26.34	0.431	26.47	0.444	26.50	0.447
20	QPSK	1	99	26.53	0.450	26.63	0.460	26.43	0.440
20	QPSK	50	0	25.58	0.361	25.63	0.366	25.53	0.357
20	QPSK	50	24	25.50	0.355	25.43	0.349	25.62	0.365
20	QPSK	50	50	25.33	0.341	25.52	0.356	25.60	0.363
20	QPSK	100	0	25.34	0.342	25.50	0.355	25.53	0.357
20	16QAM	1	0	25.61	0.364	25.44	0.350	25.33	0.341
20	16QAM	1	49	25.42	0.348	25.38	0.345	25.47	0.352
20	16QAM	1	99	25.33	0.341	25.54	0.358	25.44	0.350
20	16QAM	50	0	24.51	0.282	24.57	0.286	24.51	0.282
20	16QAM	50	24	24.51	0.282	24.35	0.272	24.43	0.277
20	16QAM	50	50	24.50	0.282	24.63	0.290	24.52	0.283
20	16QAM	100	0	24.65	0.292	24.48	0.281	24.60	0.288
20	64QAM	1	0	24.55	0.285	24.66	0.292	24.37	0.274
20	64QAM	1	49	24.70	0.295	24.61	0.289	24.27	0.267
20	64QAM	1	99	24.47	0.280	24.61	0.289	24.32	0.270
20	64QAM	50	0	23.70	0.234	23.65	0.232	23.60	0.229
20	64QAM	50	24	23.56	0.227	23.68	0.233	23.64	0.231
20	64QAM	50	50	23.47	0.222	23.42	0.220	23.58	0.228
20	64QAM	100	0	23.63	0.231	23.45	0.221	23.71	0.235



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	26.35	0.432	26.61	0.458	26.57	0.454
15	QPSK	1	37	26.28	0.425	26.38	0.435	26.35	0.432
15	QPSK	1	74	26.29	0.426	26.56	0.453	26.29	0.426
15	QPSK	36	0	25.59	0.362	25.65	0.367	25.57	0.361
15	QPSK	36	20	25.49	0.354	25.56	0.360	25.56	0.360
15	QPSK	36	39	25.56	0.360	25.52	0.356	25.38	0.345
15	QPSK	75	0	25.64	0.366	25.49	0.354	25.55	0.359
15	16QAM	1	0	25.52	0.356	25.55	0.359	25.34	0.342
15	16QAM	1	37	25.36	0.344	25.35	0.343	25.44	0.350
15	16QAM	1	74	25.53	0.357	25.54	0.358	25.56	0.360
15	16QAM	36	0	24.63	0.290	24.68	0.294	24.63	0.290
15	16QAM	36	20	24.67	0.293	24.35	0.272	24.45	0.279
15	16QAM	36	39	24.42	0.277	24.40	0.275	24.46	0.279
15	16QAM	75	0	24.55	0.285	24.61	0.289	24.43	0.277
15	64QAM	1	0	24.44	0.278	24.68	0.294	24.56	0.286
15	64QAM	1	37	24.54	0.284	24.50	0.282	24.37	0.274
15	64QAM	1	74	24.38	0.274	24.34	0.272	24.45	0.279
15	64QAM	36	0	23.50	0.224	23.67	0.233	23.70	0.234
15	64QAM	36	20	23.62	0.230	23.55	0.226	23.64	0.231
15	64QAM	36	39	23.51	0.224	23.40	0.219	23.65	0.232
15	64QAM	75	0	23.57	0.228	23.66	0.232	23.43	0.220



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	26.46	0.443	26.62	0.459	26.59	0.456
10	QPSK	1	25	26.30	0.427	26.42	0.439	26.49	0.446
10	QPSK	1	49	26.27	0.424	26.48	0.445	26.39	0.436
10	QPSK	25	0	25.64	0.366	25.71	0.372	25.68	0.370
10	QPSK	25	12	25.39	0.346	25.56	0.360	25.68	0.370
10	QPSK	25	25	25.64	0.366	25.59	0.362	25.58	0.361
10	QPSK	50	0	25.41	0.348	25.49	0.354	25.39	0.346
10	16QAM	1	0	25.42	0.348	25.50	0.355	25.44	0.350
10	16QAM	1	25	25.44	0.350	25.49	0.354	25.47	0.352
10	16QAM	1	49	25.53	0.357	25.33	0.341	25.56	0.360
10	16QAM	25	0	24.50	0.282	24.54	0.284	24.67	0.293
10	16QAM	25	12	24.68	0.294	24.35	0.272	24.60	0.288
10	16QAM	25	25	24.48	0.281	24.50	0.282	24.51	0.282
10	16QAM	50	0	24.38	0.274	24.51	0.282	24.63	0.290
10	64QAM	1	0	24.38	0.274	24.52	0.283	24.58	0.287
10	64QAM	1	25	24.58	0.287	24.50	0.282	24.30	0.269
10	64QAM	1	49	24.55	0.285	24.46	0.279	24.48	0.281
10	64QAM	25	0	23.52	0.225	23.56	0.227	23.60	0.229
10	64QAM	25	12	23.35	0.216	23.64	0.231	23.74	0.237
10	64QAM	25	25	23.66	0.232	23.50	0.224	23.57	0.228
10	64QAM	50	0	23.66	0.232	23.60	0.229	23.55	0.226



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	26.37	0.434	26.61	0.458	26.46	0.443
5	QPSK	1	12	26.46	0.443	26.47	0.444	26.42	0.439
5	QPSK	1	24	26.37	0.434	26.42	0.439	26.58	0.455
5	QPSK	12	0	25.68	0.370	25.65	0.367	25.57	0.361
5	QPSK	12	7	25.33	0.341	25.70	0.372	25.42	0.348
5	QPSK	12	13	25.66	0.368	25.32	0.340	25.57	0.361
5	QPSK	25	0	25.65	0.367	25.63	0.366	25.54	0.358
5	16QAM	1	0	25.46	0.352	25.58	0.361	25.41	0.348
5	16QAM	1	12	25.39	0.346	25.54	0.358	25.54	0.358
5	16QAM	1	24	25.36	0.344	25.56	0.360	25.43	0.349
5	16QAM	12	0	24.68	0.294	24.45	0.279	24.68	0.294
5	16QAM	12	7	24.64	0.291	24.63	0.290	24.56	0.286
5	16QAM	12	13	24.37	0.274	24.56	0.286	24.41	0.276
5	16QAM	25	0	24.64	0.291	24.44	0.278	24.41	0.276
5	64QAM	1	0	24.39	0.275	24.70	0.295	24.31	0.270
5	64QAM	1	12	24.64	0.291	24.54	0.284	24.55	0.285
5	64QAM	1	24	24.53	0.284	24.55	0.285	24.54	0.284
5	64QAM	12	0	23.70	0.234	23.57	0.228	23.56	0.227
5	64QAM	12	7	23.44	0.221	23.48	0.223	23.69	0.234
5	64QAM	12	13	23.32	0.215	23.39	0.218	23.43	0.220
5	64QAM	25	0	23.45	0.221	23.55	0.226	23.50	0.224



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	21.28	0.134	21.32	0.136	21.21	0.132
10	QPSK	1	25	21.10	0.129	21.18	0.131	20.98	0.125
10	QPSK	1	49	21.04	0.127	21.10	0.129	21.10	0.129
10	QPSK	25	0	20.29	0.107	20.33	0.108	20.32	0.108
10	QPSK	25	12	20.26	0.106	20.26	0.106	20.10	0.102
10	QPSK	25	25	20.11	0.103	20.08	0.102	20.28	0.107
10	QPSK	50	0	20.26	0.106	20.24	0.106	20.31	0.107
10	16QAM	1	0	20.09	0.102	20.27	0.106	20.18	0.104
10	16QAM	1	25	20.08	0.102	20.18	0.104	20.19	0.104
10	16QAM	1	49	20.07	0.102	20.26	0.106	20.26	0.106
10	16QAM	25	0	19.27	0.085	19.26	0.084	19.34	0.086
10	16QAM	25	12	19.35	0.086	19.31	0.085	19.27	0.085
10	16QAM	25	25	19.15	0.082	19.34	0.086	19.36	0.086
10	16QAM	50	0	19.16	0.082	19.29	0.085	19.27	0.085
10	64QAM	1	0	19.24	0.084	19.28	0.085	19.34	0.086
10	64QAM	1	25	19.33	0.086	19.25	0.084	19.34	0.086
10	64QAM	1	49	19.20	0.083	19.36	0.086	19.36	0.086
10	64QAM	25	0	18.36	0.069	18.28	0.067	18.29	0.067
10	64QAM	25	12	18.38	0.069	18.29	0.067	18.40	0.069
10	64QAM	25	25	18.12	0.065	18.23	0.067	18.28	0.067
10	64QAM	50	0	18.36	0.069	18.30	0.068	18.31	0.068



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	21.26	0.134	21.30	0.135	21.07	0.128
5	QPSK	1	12	21.18	0.131	21.12	0.129	21.25	0.133
5	QPSK	1	24	21.26	0.134	21.08	0.128	21.24	0.133
5	QPSK	12	0	20.16	0.104	20.34	0.108	20.10	0.102
5	QPSK	12	7	20.32	0.108	20.22	0.105	20.31	0.107
5	QPSK	12	13	20.09	0.102	20.20	0.105	20.21	0.105
5	QPSK	25	0	20.24	0.106	20.36	0.109	20.31	0.107
5	16QAM	1	0	20.14	0.103	20.21	0.105	20.39	0.109
5	16QAM	1	12	20.18	0.104	20.30	0.107	20.18	0.104
5	16QAM	1	24	20.21	0.105	20.07	0.102	20.27	0.106
5	16QAM	12	0	19.29	0.085	19.26	0.084	19.22	0.084
5	16QAM	12	7	19.29	0.085	19.29	0.085	19.31	0.085
5	16QAM	12	13	19.20	0.083	19.15	0.082	19.08	0.081
5	16QAM	25	0	19.09	0.081	19.27	0.085	19.19	0.083
5	64QAM	1	0	19.23	0.084	19.23	0.084	19.25	0.084
5	64QAM	1	12	19.20	0.083	19.14	0.082	19.02	0.080
5	64QAM	1	24	19.22	0.084	19.05	0.080	19.25	0.084
5	64QAM	12	0	18.19	0.066	18.32	0.068	18.35	0.068
5	64QAM	12	7	18.27	0.067	18.20	0.066	18.18	0.066
5	64QAM	12	13	18.15	0.065	18.09	0.064	18.30	0.068
5	64QAM	25	0	18.27	0.067	18.24	0.067	18.20	0.066



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	21.23	0.133	21.28	0.134	21.24	0.133
3	QPSK	1	8	21.26	0.134	21.17	0.131	21.02	0.126
3	QPSK	1	14	21.02	0.126	21.18	0.131	21.11	0.129
3	QPSK	8	0	20.17	0.104	20.26	0.106	20.23	0.105
3	QPSK	8	4	20.04	0.101	20.21	0.105	20.25	0.106
3	QPSK	8	7	20.15	0.104	20.23	0.105	20.18	0.104
3	QPSK	15	0	20.14	0.103	20.24	0.106	20.16	0.104
3	16QAM	1	0	20.23	0.105	20.32	0.108	20.11	0.103
3	16QAM	1	8	20.10	0.102	20.21	0.105	20.17	0.104
3	16QAM	1	14	20.14	0.103	20.15	0.104	20.09	0.102
3	16QAM	8	0	19.29	0.085	19.33	0.086	19.22	0.084
3	16QAM	8	4	19.24	0.084	19.21	0.083	19.15	0.082
3	16QAM	8	7	19.19	0.083	19.21	0.083	19.14	0.082
3	16QAM	15	0	19.11	0.081	19.12	0.082	19.21	0.083
3	64QAM	1	0	19.18	0.083	19.27	0.085	19.25	0.084
3	64QAM	1	8	19.27	0.085	19.20	0.083	19.01	0.080
3	64QAM	1	14	19.08	0.081	19.23	0.084	19.24	0.084
3	64QAM	8	0	18.23	0.067	18.26	0.067	18.09	0.064
3	64QAM	8	4	18.12	0.065	18.22	0.066	18.18	0.066
3	64QAM	8	7	18.11	0.065	18.22	0.066	18.30	0.068
3	64QAM	15	0	18.21	0.066	18.20	0.066	18.14	0.065



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	21.12	0.129	21.29	0.135	21.14	0.130
1.4	QPSK	1	3	21.27	0.134	21.11	0.129	21.08	0.128
1.4	QPSK	1	5	21.26	0.134	21.28	0.134	21.09	0.129
1.4	QPSK	3	0	20.25	0.106	20.22	0.105	20.31	0.107
1.4	QPSK	3	1	20.34	0.108	20.31	0.107	20.22	0.105
1.4	QPSK	3	3	20.27	0.106	20.19	0.104	20.26	0.106
1.4	QPSK	6	0	20.18	0.104	20.22	0.105	20.21	0.105
1.4	16QAM	1	0	20.18	0.104	20.25	0.106	20.20	0.105
1.4	16QAM	1	3	20.09	0.102	20.19	0.104	20.11	0.103
1.4	16QAM	1	5	20.21	0.105	20.29	0.107	20.23	0.105
1.4	16QAM	3	0	19.24	0.084	19.30	0.085	19.28	0.085
1.4	16QAM	3	1	19.27	0.085	19.36	0.086	19.35	0.086
1.4	16QAM	3	3	19.22	0.084	19.25	0.084	19.21	0.083
1.4	16QAM	6	0	19.12	0.082	19.31	0.085	19.09	0.081
1.4	64QAM	1	0	19.31	0.085	19.31	0.085	19.18	0.083
1.4	64QAM	1	3	19.28	0.085	19.21	0.083	19.20	0.083
1.4	64QAM	1	5	19.12	0.082	19.28	0.085	19.14	0.082
1.4	64QAM	3	0	18.24	0.067	18.19	0.066	18.10	0.065
1.4	64QAM	3	1	18.21	0.066	18.22	0.066	18.18	0.066
1.4	64QAM	3	3	18.39	0.069	18.28	0.067	18.22	0.066
1.4	64QAM	6	0	18.18	0.066	18.22	0.066	18.25	0.067



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	/	/	23.06	0.202	/	/
10	QPSK	1	25	/	/	22.87	0.194	/	/
10	QPSK	1	49	/	/	23.00	0.200	/	/
10	QPSK	25	0	/	/	21.95	0.157	/	/
10	QPSK	25	12	/	/	21.88	0.154	/	/
10	QPSK	25	25	/	/	21.85	0.153	/	/
10	QPSK	50	0	/	/	21.82	0.152	/	/
10	16QAM	1	0	/	/	21.96	0.157	/	/
10	16QAM	1	25	/	/	21.93	0.156	/	/
10	16QAM	1	49	/	/	21.97	0.157	/	/
10	16QAM	25	0	/	/	21.00	0.126	/	/
10	16QAM	25	12	/	/	20.89	0.123	/	/
10	16QAM	25	25	/	/	20.91	0.123	/	/
10	16QAM	50	0	/	/	20.98	0.125	/	/
10	64QAM	1	0	/	/	21.09	0.129	/	/
10	64QAM	1	25	/	/	20.95	0.124	/	/
10	64QAM	1	49	/	/	21.05	0.127	/	/
10	64QAM	25	0	/	/	20.07	0.102	/	/
10	64QAM	25	12	/	/	19.88	0.097	/	/
10	64QAM	25	25	/	/	19.90	0.098	/	/
10	64QAM	50	0	/	/	19.94	0.099	/	/



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	23.01	0.200	23.04	0.201	22.95	0.197
5	QPSK	1	12	22.98	0.199	23.00	0.200	23.00	0.200
5	QPSK	1	24	22.80	0.191	22.96	0.198	22.88	0.194
5	QPSK	12	0	22.04	0.160	22.10	0.162	22.05	0.160
5	QPSK	12	7	21.86	0.153	21.94	0.156	22.03	0.160
5	QPSK	12	13	21.89	0.155	21.93	0.156	21.90	0.155
5	QPSK	25	0	21.95	0.157	22.03	0.160	21.98	0.158
5	16QAM	1	0	22.04	0.160	22.05	0.160	21.92	0.156
5	16QAM	1	12	21.88	0.154	21.87	0.154	21.99	0.158
5	16QAM	1	24	21.87	0.154	21.96	0.157	21.79	0.151
5	16QAM	12	0	21.13	0.130	21.09	0.129	21.05	0.127
5	16QAM	12	7	21.01	0.126	21.03	0.127	20.97	0.125
5	16QAM	12	13	21.03	0.127	21.07	0.128	21.00	0.126
5	16QAM	25	0	20.88	0.122	21.17	0.131	20.92	0.124
5	64QAM	1	0	21.07	0.128	21.02	0.126	20.91	0.123
5	64QAM	1	12	21.01	0.126	20.92	0.124	21.05	0.127
5	64QAM	1	24	21.12	0.129	20.81	0.121	20.98	0.125
5	64QAM	12	0	20.16	0.104	20.11	0.103	20.03	0.101
5	64QAM	12	7	19.98	0.100	20.09	0.102	20.17	0.104
5	64QAM	12	13	20.13	0.103	20.04	0.101	19.99	0.100
5	64QAM	25	0	20.01	0.100	20.13	0.103	19.97	0.099



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	21.11	0.129	21.27	0.134	21.07	0.128
10	QPSK	1	25	21.24	0.133	21.16	0.131	21.14	0.130
10	QPSK	1	49	21.25	0.133	21.14	0.130	21.08	0.128
10	QPSK	25	0	20.25	0.106	20.33	0.108	20.21	0.105
10	QPSK	25	12	20.23	0.105	20.31	0.107	20.25	0.106
10	QPSK	25	25	20.22	0.105	20.23	0.105	20.27	0.106
10	QPSK	50	0	20.17	0.104	20.21	0.105	20.14	0.103
10	16QAM	1	0	20.10	0.102	20.22	0.105	20.04	0.101
10	16QAM	1	25	20.23	0.105	20.22	0.105	20.15	0.104
10	16QAM	1	49	20.15	0.104	20.10	0.102	20.19	0.104
10	16QAM	25	0	19.19	0.083	19.31	0.085	19.25	0.084
10	16QAM	25	12	19.27	0.085	19.18	0.083	19.03	0.080
10	16QAM	25	25	19.25	0.084	19.34	0.086	19.25	0.084
10	16QAM	50	0	19.18	0.083	19.13	0.082	19.28	0.085
10	64QAM	1	0	19.30	0.085	19.21	0.083	19.33	0.086
10	64QAM	1	25	19.36	0.086	19.39	0.087	19.31	0.085
10	64QAM	1	49	19.21	0.083	19.23	0.084	19.08	0.081
10	64QAM	25	0	18.27	0.067	18.27	0.067	18.36	0.069
10	64QAM	25	12	18.32	0.068	18.30	0.068	18.24	0.067
10	64QAM	25	25	18.32	0.068	18.33	0.068	18.18	0.066
10	64QAM	50	0	18.20	0.066	18.39	0.069	18.34	0.068



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	21.18	0.131	21.24	0.133	21.16	0.131
5	QPSK	1	12	20.98	0.125	21.22	0.132	21.14	0.130
5	QPSK	1	24	21.20	0.132	21.16	0.131	21.16	0.131
5	QPSK	12	0	20.23	0.105	20.24	0.106	20.22	0.105
5	QPSK	12	7	20.31	0.107	20.18	0.104	20.20	0.105
5	QPSK	12	13	20.20	0.105	20.21	0.105	20.14	0.103
5	QPSK	25	0	20.18	0.104	20.22	0.105	20.07	0.102
5	16QAM	1	0	20.21	0.105	20.32	0.108	20.11	0.103
5	16QAM	1	12	20.33	0.108	20.35	0.108	20.25	0.106
5	16QAM	1	24	20.30	0.107	20.09	0.102	20.17	0.104
5	16QAM	12	0	19.34	0.086	19.31	0.085	19.18	0.083
5	16QAM	12	7	19.20	0.083	19.16	0.082	19.16	0.082
5	16QAM	12	13	19.36	0.086	19.24	0.084	19.24	0.084
5	16QAM	25	0	19.30	0.085	19.31	0.085	19.32	0.086
5	64QAM	1	0	19.29	0.085	19.25	0.084	19.32	0.086
5	64QAM	1	12	19.10	0.081	19.35	0.086	19.10	0.081
5	64QAM	1	24	19.13	0.082	19.03	0.080	19.20	0.083
5	64QAM	12	0	18.29	0.067	18.26	0.067	18.27	0.067
5	64QAM	12	7	18.24	0.067	18.36	0.069	18.38	0.069
5	64QAM	12	13	18.18	0.066	18.19	0.066	18.35	0.068
5	64QAM	25	0	18.18	0.066	18.26	0.067	18.23	0.067



LTE Band 18				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23965		23970		23975	
Frequency (MHz)				826.5		827		827.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	21.11	0.129	21.04	0.127	21.13	0.130
5	QPSK	1	12	21.04	0.127	21.05	0.127	21.12	0.129
5	QPSK	1	24	20.81	0.121	20.83	0.121	20.92	0.124
5	QPSK	12	0	20.03	0.101	20.14	0.103	20.15	0.104
5	QPSK	12	7	19.87	0.097	19.87	0.097	19.97	0.099
5	QPSK	12	13	20.03	0.101	20.08	0.102	20.13	0.103
5	QPSK	25	0	19.96	0.099	20.04	0.101	20.05	0.101
5	16QAM	1	0	20.01	0.100	20.02	0.100	20.09	0.102
5	16QAM	1	12	20.14	0.103	20.18	0.104	20.20	0.105
5	16QAM	1	24	19.87	0.097	19.80	0.095	19.91	0.098
5	16QAM	12	0	19.10	0.081	19.10	0.081	19.13	0.082
5	16QAM	12	7	18.93	0.078	18.89	0.077	18.99	0.079
5	16QAM	12	13	19.01	0.080	18.98	0.079	19.08	0.081
5	16QAM	25	0	19.02	0.080	19.07	0.081	19.08	0.081
5	64QAM	1	0	19.06	0.081	19.02	0.080	19.13	0.082
5	64QAM	1	12	18.88	0.077	18.89	0.077	18.92	0.078
5	64QAM	1	24	19.01	0.080	19.01	0.080	19.06	0.081
5	64QAM	12	0	18.11	0.065	18.09	0.064	18.14	0.065
5	64QAM	12	7	18.04	0.064	18.15	0.065	18.16	0.065
5	64QAM	12	13	17.96	0.063	18.02	0.063	18.08	0.064
5	64QAM	25	0	18.00	0.063	18.02	0.063	18.08	0.064



LTE Band 19				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				/		24075		/	
Frequency (MHz)				/		837.5		/	
				/	/	dbm	W	/	/
15	QPSK	1	0	/	/	20.13	0.103	/	/
15	QPSK	1	37	/	/	20.00	0.100	/	/
15	QPSK	1	74	/	/	19.97	0.099	/	/
15	QPSK	36	0	/	/	19.20	0.083	/	/
15	QPSK	36	20	/	/	18.96	0.079	/	/
15	QPSK	36	39	/	/	18.88	0.077	/	/
15	QPSK	75	0	/	/	18.96	0.079	/	/
15	16QAM	1	0	/	/	19.02	0.080	/	/
15	16QAM	1	37	/	/	18.89	0.077	/	/
15	16QAM	1	74	/	/	19.03	0.080	/	/
15	16QAM	36	0	/	/	18.16	0.065	/	/
15	16QAM	36	20	/	/	17.85	0.061	/	/
15	16QAM	36	39	/	/	18.07	0.064	/	/
15	16QAM	75	0	/	/	18.04	0.064	/	/
15	64QAM	1	0	/	/	18.14	0.065	/	/
15	64QAM	1	37	/	/	18.11	0.065	/	/
15	64QAM	1	74	/	/	17.94	0.062	/	/
15	64QAM	36	0	/	/	17.11	0.051	/	/
15	64QAM	36	20	/	/	17.06	0.051	/	/
15	64QAM	36	39	/	/	17.22	0.053	/	/
15	64QAM	75	0	/	/	16.99	0.050	/	/



LTE Band 19				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				24050		24075		24100	
Frequency (MHz)				835		837.5		840	
				dbm	W	dbm	W	dbm	W
10	QPSK	1	0	20.84	0.121	21.10	0.129	21.03	0.127
10	QPSK	1	25	20.84	0.121	20.94	0.124	20.91	0.123
10	QPSK	1	49	20.88	0.122	20.95	0.124	21.06	0.128
10	QPSK	25	0	20.00	0.100	20.12	0.103	20.03	0.101
10	QPSK	25	12	19.92	0.098	19.98	0.100	20.08	0.102
10	QPSK	25	25	19.88	0.097	19.96	0.099	19.99	0.100
10	QPSK	50	0	19.97	0.099	20.00	0.100	19.93	0.098
10	16QAM	1	0	20.02	0.100	20.04	0.101	20.11	0.103
10	16QAM	1	25	20.07	0.102	20.16	0.104	20.15	0.104
10	16QAM	1	49	19.99	0.100	20.15	0.104	19.98	0.100
10	16QAM	25	0	19.08	0.081	19.16	0.082	19.11	0.081
10	16QAM	25	12	18.99	0.079	19.10	0.081	18.89	0.077
10	16QAM	25	25	19.12	0.082	19.09	0.081	19.06	0.081
10	16QAM	50	0	18.99	0.079	18.90	0.078	18.92	0.078
10	64QAM	1	0	19.03	0.080	19.17	0.083	19.18	0.083
10	64QAM	1	12	19.05	0.080	19.02	0.080	18.83	0.076
10	64QAM	1	24	19.17	0.083	19.15	0.082	19.16	0.082
10	64QAM	12	0	18.12	0.065	18.19	0.066	18.04	0.064
10	64QAM	12	7	18.11	0.065	18.06	0.064	18.26	0.067
10	64QAM	12	13	18.13	0.065	17.96	0.063	18.02	0.063
10	64QAM	25	0	17.96	0.063	18.03	0.064	17.99	0.063



LTE Band 19				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				24025		24075		24125	
Frequency (MHz)				832.5		837.5		842.5	
				dbm	W	dbm	W	dbm	W
5	QPSK	1	0	21.00	0.126	21.09	0.129	21.04	0.127
5	QPSK	1	12	20.86	0.122	20.88	0.122	21.08	0.128
5	QPSK	1	24	20.92	0.124	21.00	0.126	21.07	0.128
5	QPSK	12	0	19.98	0.100	20.14	0.103	20.07	0.102
5	QPSK	12	7	20.12	0.103	20.17	0.104	19.88	0.097
5	QPSK	12	13	19.91	0.098	20.13	0.103	20.10	0.102
5	QPSK	25	0	19.92	0.098	20.05	0.101	20.22	0.105
5	16QAM	1	0	19.98	0.100	20.23	0.105	19.89	0.097
5	16QAM	1	12	20.04	0.101	19.94	0.099	19.94	0.099
5	16QAM	1	24	19.95	0.099	19.87	0.097	20.11	0.103
5	16QAM	12	0	18.92	0.078	18.98	0.079	19.04	0.080
5	16QAM	12	7	18.93	0.078	18.87	0.077	18.99	0.079
5	16QAM	12	13	19.12	0.082	19.20	0.083	18.96	0.079
5	16QAM	25	0	19.02	0.080	19.06	0.081	19.08	0.081
5	64QAM	1	0	18.96	0.079	18.95	0.079	19.00	0.079
5	64QAM	1	12	18.95	0.079	18.95	0.079	18.83	0.076
5	64QAM	1	24	18.89	0.077	18.81	0.076	18.87	0.077
5	64QAM	12	0	18.17	0.066	18.21	0.066	18.05	0.064
5	64QAM	12	7	17.94	0.062	18.06	0.064	18.23	0.067
5	64QAM	12	13	17.98	0.063	18.11	0.065	18.14	0.065
5	64QAM	25	0	17.92	0.062	18.28	0.067	18.08	0.064



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	25.66	0.368	25.71	0.372	25.57	0.361
20	QPSK	1	49	25.50	0.355	25.45	0.351	25.58	0.361
20	QPSK	1	99	25.60	0.363	25.62	0.365	25.60	0.363
20	QPSK	50	0	24.65	0.292	24.74	0.298	24.72	0.296
20	QPSK	50	24	24.46	0.279	24.72	0.296	24.57	0.286
20	QPSK	50	50	24.61	0.289	24.68	0.294	24.63	0.290
20	QPSK	100	0	24.67	0.293	24.59	0.288	24.53	0.284
20	16QAM	1	0	24.61	0.289	24.72	0.296	24.51	0.282
20	16QAM	1	49	24.41	0.276	24.70	0.295	24.51	0.282
20	16QAM	1	99	24.62	0.290	24.64	0.291	24.56	0.286
20	16QAM	50	0	23.53	0.225	23.58	0.228	23.70	0.234
20	16QAM	50	24	23.50	0.224	23.63	0.231	23.40	0.219
20	16QAM	50	50	23.63	0.231	23.65	0.232	23.54	0.226
20	16QAM	100	0	23.72	0.236	23.54	0.226	23.64	0.231
20	64QAM	1	0	23.49	0.223	23.67	0.233	23.53	0.225
20	64QAM	1	49	23.58	0.228	23.67	0.233	23.47	0.222
20	64QAM	1	99	23.63	0.231	23.61	0.230	23.56	0.227
20	64QAM	50	0	22.63	0.183	22.69	0.186	22.67	0.185
20	64QAM	50	24	22.66	0.185	22.70	0.186	22.64	0.184
20	64QAM	50	50	22.66	0.185	22.66	0.185	22.46	0.176
20	64QAM	100	0	22.61	0.182	22.57	0.181	22.64	0.184



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	25.45	0.351	25.68	0.370	25.48	0.353
15	QPSK	1	37	25.63	0.366	25.62	0.365	25.52	0.356
15	QPSK	1	74	25.41	0.348	25.51	0.356	25.65	0.367
15	QPSK	36	0	25.68	0.370	24.73	0.297	24.70	0.295
15	QPSK	36	20	24.62	0.290	24.67	0.293	24.64	0.291
15	QPSK	36	39	24.59	0.288	24.59	0.288	24.55	0.285
15	QPSK	75	0	24.64	0.291	24.49	0.281	24.61	0.289
15	16QAM	1	0	24.70	0.295	24.69	0.294	24.71	0.296
15	16QAM	1	37	24.47	0.280	24.49	0.281	24.63	0.290
15	16QAM	1	74	24.48	0.281	24.56	0.286	24.46	0.279
15	16QAM	36	0	23.69	0.234	23.73	0.236	23.58	0.228
15	16QAM	36	20	23.60	0.229	23.48	0.223	23.47	0.222
15	16QAM	36	39	23.60	0.229	23.63	0.231	23.66	0.232
15	16QAM	75	0	23.57	0.228	23.52	0.225	23.49	0.223
15	64QAM	1	0	23.52	0.225	23.71	0.235	23.58	0.228
15	64QAM	1	37	23.73	0.236	23.63	0.231	23.54	0.226
15	64QAM	1	74	23.75	0.237	23.66	0.232	23.67	0.233
15	64QAM	36	0	22.63	0.183	22.70	0.186	22.68	0.185
15	64QAM	36	20	22.58	0.181	22.69	0.186	22.51	0.178
15	64QAM	36	39	22.57	0.181	22.61	0.182	22.47	0.177
15	64QAM	75	0	22.58	0.181	22.65	0.184	22.59	0.182



LTE Band 25				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26090		26365		26640	
Frequency (MHz)				1855		1882.5		1910	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	25.60	0.363	25.69	0.371	25.57	0.361
10	QPSK	1	25	25.44	0.350	25.64	0.366	25.43	0.349
10	QPSK	1	49	25.65	0.367	25.54	0.358	25.56	0.360
10	QPSK	25	0	24.55	0.285	24.68	0.294	24.70	0.295
10	QPSK	25	12	24.53	0.284	24.62	0.290	24.69	0.294
10	QPSK	25	25	24.52	0.283	24.59	0.288	24.64	0.291
10	QPSK	50	0	24.61	0.289	24.57	0.286	24.71	0.296
10	16QAM	1	0	24.62	0.290	24.67	0.293	24.50	0.282
10	16QAM	1	25	24.58	0.287	24.51	0.282	24.61	0.289
10	16QAM	1	49	24.59	0.288	24.50	0.282	24.68	0.294
10	16QAM	25	0	23.48	0.223	23.71	0.235	23.54	0.226
10	16QAM	25	12	23.65	0.232	23.57	0.228	23.74	0.237
10	16QAM	25	25	23.63	0.231	23.74	0.237	23.54	0.226
10	16QAM	50	0	23.58	0.228	23.60	0.229	23.55	0.226
10	64QAM	1	0	23.58	0.228	23.55	0.226	23.46	0.222
10	64QAM	1	25	23.60	0.229	23.62	0.230	23.63	0.231
10	64QAM	1	49	23.59	0.229	23.42	0.220	23.63	0.231
10	64QAM	25	0	22.66	0.185	22.66	0.185	22.69	0.186
10	64QAM	25	12	22.52	0.179	22.58	0.181	22.61	0.182
10	64QAM	25	25	22.54	0.179	22.51	0.178	22.72	0.187
10	64QAM	50	0	22.72	0.187	22.70	0.186	22.69	0.186



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	25.58	0.361	25.66	0.368	25.55	0.359
5	QPSK	1	12	25.43	0.349	25.49	0.354	25.50	0.355
5	QPSK	1	24	25.62	0.365	25.57	0.361	25.44	0.350
5	QPSK	12	0	24.61	0.289	24.67	0.293	24.66	0.292
5	QPSK	12	7	24.67	0.293	24.59	0.288	24.55	0.285
5	QPSK	12	13	24.58	0.287	24.66	0.292	24.55	0.285
5	QPSK	25	0	24.48	0.281	24.52	0.283	24.65	0.292
5	16QAM	1	0	24.73	0.297	24.74	0.298	24.65	0.292
5	16QAM	1	12	24.63	0.290	24.68	0.294	24.59	0.288
5	16QAM	1	24	24.72	0.296	24.65	0.292	24.70	0.295
5	16QAM	12	0	23.70	0.234	23.66	0.232	23.60	0.229
5	16QAM	12	7	23.57	0.228	23.62	0.230	23.44	0.221
5	16QAM	12	13	23.63	0.231	23.69	0.234	23.45	0.221
5	16QAM	25	0	23.58	0.228	23.51	0.224	23.55	0.226
5	64QAM	1	0	23.45	0.221	23.70	0.234	23.53	0.225
5	64QAM	1	12	23.72	0.236	23.63	0.231	23.54	0.226
5	64QAM	1	24	23.51	0.224	23.65	0.232	23.55	0.226
5	64QAM	12	0	22.67	0.185	22.65	0.184	22.62	0.183
5	64QAM	12	7	22.63	0.183	22.61	0.182	22.65	0.184
5	64QAM	12	13	22.67	0.185	22.52	0.179	22.45	0.176
5	64QAM	25	0	22.68	0.185	22.62	0.183	22.56	0.180



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	25.51	0.356	25.67	0.369	25.51	0.356
3	QPSK	1	8	25.60	0.363	25.44	0.350	25.40	0.347
3	QPSK	1	14	25.54	0.358	25.58	0.361	25.71	0.372
3	QPSK	8	0	24.62	0.290	24.66	0.292	24.65	0.292
3	QPSK	8	4	24.58	0.287	24.59	0.288	24.57	0.286
3	QPSK	8	7	24.53	0.284	24.46	0.279	24.62	0.290
3	QPSK	15	0	24.51	0.282	24.73	0.297	24.54	0.284
3	16QAM	1	0	24.68	0.294	24.62	0.290	24.63	0.290
3	16QAM	1	8	24.70	0.295	24.58	0.287	24.55	0.285
3	16QAM	1	14	24.62	0.290	24.52	0.283	24.37	0.274
3	16QAM	8	0	23.48	0.223	23.69	0.234	23.68	0.233
3	16QAM	8	4	23.54	0.226	23.52	0.225	23.44	0.221
3	16QAM	8	7	23.60	0.229	23.62	0.230	23.70	0.234
3	16QAM	15	0	23.64	0.231	23.66	0.232	23.42	0.220
3	64QAM	1	0	23.63	0.231	23.62	0.230	23.68	0.233
3	64QAM	1	8	23.65	0.232	23.68	0.233	23.45	0.221
3	64QAM	1	14	23.47	0.222	23.49	0.223	23.54	0.226
3	64QAM	8	0	22.64	0.184	22.68	0.185	22.63	0.183
3	64QAM	8	4	22.57	0.181	22.71	0.187	22.67	0.185
3	64QAM	8	7	22.61	0.182	22.56	0.180	22.57	0.181
3	64QAM	15	0	22.67	0.185	22.55	0.180	22.62	0.183



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	25.60	0.363	25.66	0.368	25.49	0.354
1.4	QPSK	1	3	25.48	0.353	25.64	0.366	25.52	0.356
1.4	QPSK	1	5	25.61	0.364	25.53	0.357	25.53	0.357
1.4	QPSK	3	0	24.71	0.296	24.74	0.298	24.63	0.290
1.4	QPSK	3	1	24.50	0.282	24.61	0.289	24.65	0.292
1.4	QPSK	3	3	24.60	0.288	24.65	0.292	24.60	0.288
1.4	QPSK	6	0	24.65	0.292	24.60	0.288	24.57	0.286
1.4	16QAM	1	0	24.63	0.290	24.64	0.291	24.65	0.292
1.4	16QAM	1	3	24.40	0.275	24.47	0.280	24.67	0.293
1.4	16QAM	1	5	24.62	0.290	24.65	0.292	24.50	0.282
1.4	16QAM	3	0	23.71	0.235	23.61	0.230	23.65	0.232
1.4	16QAM	3	1	23.47	0.222	23.66	0.232	23.71	0.235
1.4	16QAM	3	3	23.71	0.235	23.72	0.236	23.68	0.233
1.4	16QAM	6	0	23.53	0.225	23.58	0.228	23.48	0.223
1.4	64QAM	1	0	23.52	0.225	23.64	0.231	23.61	0.230
1.4	64QAM	1	3	23.52	0.225	23.66	0.232	23.45	0.221
1.4	64QAM	1	5	23.70	0.234	23.73	0.236	23.71	0.235
1.4	64QAM	3	0	22.66	0.185	22.70	0.186	22.62	0.183
1.4	64QAM	3	1	22.62	0.183	22.63	0.183	22.60	0.182
1.4	64QAM	3	3	22.61	0.182	22.74	0.188	22.55	0.180
1.4	64QAM	6	0	22.71	0.187	22.72	0.187	22.65	0.184



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	21.17	0.131	21.01	0.126	21.09	0.129
15	QPSK	1	37	21.06	0.128	21.06	0.128	21.08	0.128
15	QPSK	1	74	21.00	0.126	20.98	0.125	21.10	0.129
15	QPSK	36	0	20.19	0.104	19.90	0.098	20.00	0.100
15	QPSK	36	20	20.14	0.103	19.78	0.095	19.89	0.097
15	QPSK	36	39	20.00	0.100	20.10	0.102	20.15	0.104
15	QPSK	75	0	20.02	0.100	19.98	0.100	20.06	0.101
15	16QAM	1	0	20.05	0.101	19.80	0.095	19.89	0.097
15	16QAM	1	37	20.09	0.102	19.99	0.100	20.10	0.102
15	16QAM	1	74	19.99	0.100	19.80	0.095	19.88	0.097
15	16QAM	36	0	18.99	0.079	18.91	0.078	18.95	0.079
15	16QAM	36	20	18.87	0.077	18.91	0.078	18.97	0.079
15	16QAM	36	39	19.16	0.082	19.06	0.081	19.18	0.083
15	16QAM	75	0	18.94	0.078	18.83	0.076	18.90	0.078
15	64QAM	1	0	19.22	0.084	18.95	0.079	19.06	0.081
15	64QAM	1	37	19.19	0.083	18.89	0.077	18.90	0.078
15	64QAM	1	74	19.12	0.082	18.76	0.075	18.84	0.077
15	64QAM	36	0	18.10	0.065	18.12	0.065	18.14	0.065
15	64QAM	36	20	18.01	0.063	17.98	0.063	18.07	0.064
15	64QAM	36	39	17.93	0.062	17.98	0.063	18.00	0.063
15	64QAM	75	0	18.05	0.064	18.02	0.063	18.12	0.065



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	20.84	0.121	20.95	0.124	20.96	0.125
10	QPSK	1	25	21.07	0.128	21.03	0.127	21.08	0.128
10	QPSK	1	49	20.91	0.123	20.86	0.122	20.98	0.125
10	QPSK	25	0	20.01	0.100	20.09	0.102	20.12	0.103
10	QPSK	25	12	20.14	0.103	20.13	0.103	20.20	0.105
10	QPSK	25	25	19.96	0.099	19.96	0.099	19.99	0.100
10	QPSK	50	0	20.14	0.103	20.04	0.101	20.15	0.104
10	16QAM	1	0	19.98	0.100	20.03	0.101	20.07	0.102
10	16QAM	1	25	20.18	0.104	20.09	0.102	20.19	0.104
10	16QAM	1	49	20.09	0.102	20.01	0.100	20.11	0.103
10	16QAM	25	0	19.06	0.081	19.14	0.082	19.17	0.083
10	16QAM	25	12	18.75	0.075	18.81	0.076	18.83	0.076
10	16QAM	25	25	19.05	0.080	19.06	0.081	19.10	0.081
10	16QAM	50	0	18.91	0.078	18.90	0.078	18.93	0.078
10	64QAM	1	0	18.89	0.077	19.00	0.079	19.01	0.080
10	64QAM	1	25	18.73	0.075	18.76	0.075	18.85	0.077
10	64QAM	1	49	18.77	0.075	18.84	0.077	18.88	0.077
10	64QAM	25	0	18.15	0.065	18.09	0.064	18.16	0.065
10	64QAM	25	12	18.10	0.065	18.03	0.064	18.14	0.065
10	64QAM	25	25	18.05	0.064	18.10	0.065	18.11	0.065
10	64QAM	50	0	18.16	0.065	18.06	0.064	18.17	0.066



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	20.75	0.119	20.70	0.117	20.82	0.121
5	QPSK	1	12	20.76	0.119	20.80	0.120	20.87	0.122
5	QPSK	1	24	21.01	0.126	21.08	0.128	21.12	0.129
5	QPSK	12	0	20.12	0.103	20.15	0.104	20.24	0.106
5	QPSK	12	7	19.80	0.095	19.85	0.097	19.88	0.097
5	QPSK	12	13	20.16	0.104	20.10	0.102	20.17	0.104
5	QPSK	25	0	19.98	0.100	19.97	0.099	20.06	0.101
5	16QAM	1	0	20.10	0.102	20.13	0.103	20.14	0.103
5	16QAM	1	12	19.94	0.099	19.91	0.098	20.02	0.100
5	16QAM	1	24	19.82	0.096	19.79	0.095	19.87	0.097
5	16QAM	12	0	19.10	0.081	19.06	0.081	19.16	0.082
5	16QAM	12	7	18.74	0.075	18.72	0.074	18.81	0.076
5	16QAM	12	13	18.95	0.079	18.97	0.079	18.98	0.079
5	16QAM	25	0	18.94	0.078	18.95	0.079	19.02	0.080
5	64QAM	1	0	18.97	0.079	18.94	0.078	19.05	0.080
5	64QAM	1	12	18.78	0.076	18.80	0.076	18.87	0.077
5	64QAM	1	24	18.85	0.077	18.81	0.076	18.88	0.077
5	64QAM	12	0	18.05	0.064	18.09	0.064	18.11	0.065
5	64QAM	12	7	18.05	0.064	18.07	0.064	18.08	0.064
5	64QAM	12	13	17.88	0.061	17.91	0.062	17.93	0.062
5	64QAM	25	0	17.95	0.062	17.93	0.062	18.04	0.064



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	21.02	0.126	21.07	0.128	21.09	0.129
3	QPSK	1	8	20.71	0.118	20.75	0.119	20.81	0.121
3	QPSK	1	14	20.84	0.121	20.87	0.122	20.88	0.122
3	QPSK	8	0	20.10	0.102	20.06	0.101	20.16	0.104
3	QPSK	8	4	19.98	0.100	20.07	0.102	20.10	0.102
3	QPSK	8	7	19.90	0.098	19.87	0.097	19.98	0.100
3	QPSK	15	0	19.99	0.100	19.97	0.099	20.06	0.101
3	16QAM	1	0	19.79	0.095	19.82	0.096	19.86	0.097
3	16QAM	1	8	19.98	0.100	20.06	0.101	20.08	0.102
3	16QAM	1	14	19.96	0.099	19.97	0.099	20.06	0.101
3	16QAM	8	0	19.17	0.083	19.12	0.082	19.23	0.084
3	16QAM	8	4	18.82	0.076	18.87	0.077	18.91	0.078
3	16QAM	8	7	18.82	0.076	18.83	0.076	18.91	0.078
3	16QAM	15	0	19.01	0.080	18.96	0.079	19.05	0.080
3	64QAM	1	0	19.02	0.080	18.98	0.079	19.03	0.080
3	64QAM	1	8	18.78	0.076	18.84	0.077	18.88	0.077
3	64QAM	1	14	19.03	0.080	19.07	0.081	19.08	0.081
3	64QAM	8	0	18.15	0.065	18.06	0.064	18.18	0.066
3	64QAM	8	4	17.98	0.063	17.96	0.063	18.03	0.064
3	64QAM	8	7	18.08	0.064	18.15	0.065	18.17	0.066
3	64QAM	15	0	18.14	0.065	18.17	0.066	18.19	0.066



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	20.99	0.126	21.02	0.126	21.10	0.129
1.4	QPSK	1	3	20.83	0.121	20.90	0.123	20.95	0.124
1.4	QPSK	1	5	20.99	0.126	21.04	0.127	21.09	0.129
1.4	QPSK	3	0	20.06	0.101	20.05	0.101	20.10	0.102
1.4	QPSK	3	1	19.94	0.099	19.99	0.100	20.06	0.101
1.4	QPSK	3	3	19.98	0.100	19.93	0.098	20.05	0.101
1.4	QPSK	6	0	20.15	0.104	20.20	0.105	20.23	0.105
1.4	16QAM	1	0	19.82	0.096	19.73	0.094	19.85	0.097
1.4	16QAM	1	3	19.87	0.097	19.82	0.096	19.94	0.099
1.4	16QAM	1	5	19.84	0.096	19.83	0.096	19.89	0.097
1.4	16QAM	3	0	19.04	0.080	19.10	0.081	19.15	0.082
1.4	16QAM	3	1	18.83	0.076	18.82	0.076	18.90	0.078
1.4	16QAM	3	3	19.10	0.081	19.06	0.081	19.11	0.081
1.4	16QAM	6	0	19.04	0.080	18.94	0.078	19.05	0.080
1.4	64QAM	1	0	18.78	0.076	18.80	0.076	18.85	0.077
1.4	64QAM	1	3	18.83	0.076	18.90	0.078	18.92	0.078
1.4	64QAM	1	5	18.87	0.077	18.88	0.077	18.92	0.078
1.4	64QAM	3	0	17.95	0.062	18.01	0.063	18.06	0.064
1.4	64QAM	3	1	17.97	0.063	17.92	0.062	18.00	0.063
1.4	64QAM	3	3	17.79	0.060	17.80	0.060	17.83	0.061
1.4	64QAM	6	0	18.07	0.064	18.09	0.064	18.17	0.066



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	/	/	27.07	0.509	/	/
10	QPSK	1	25	/	/	26.97	0.498	/	/
10	QPSK	1	49	/	/	26.90	0.490	/	/
10	QPSK	25	0	/	/	26.09	0.406	/	/
10	QPSK	25	12	/	/	26.01	0.399	/	/
10	QPSK	25	25	/	/	26.08	0.406	/	/
10	QPSK	50	0	/	/	26.01	0.399	/	/
10	16QAM	1	0	/	/	26.06	0.404	/	/
10	16QAM	1	25	/	/	26.03	0.401	/	/
10	16QAM	1	49	/	/	26.14	0.411	/	/
10	16QAM	25	0	/	/	25.18	0.330	/	/
10	16QAM	25	12	/	/	25.20	0.331	/	/
10	16QAM	25	25	/	/	24.93	0.311	/	/
10	16QAM	50	0	/	/	25.03	0.318	/	/
10	64QAM	1	0	/	/	25.14	0.327	/	/
10	64QAM	1	25	/	/	25.15	0.327	/	/
10	64QAM	1	49	/	/	25.08	0.322	/	/
10	64QAM	25	0	/	/	24.11	0.258	/	/
10	64QAM	25	12	/	/	24.17	0.261	/	/
10	64QAM	25	25	/	/	24.13	0.259	/	/
10	64QAM	50	0	/	/	24.12	0.258	/	/



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	26.93	0.493	27.04	0.506	26.83	0.482
5	QPSK	1	12	26.88	0.488	26.84	0.483	26.81	0.480
5	QPSK	1	24	27.00	0.501	26.96	0.497	26.98	0.499
5	QPSK	12	0	25.99	0.397	26.20	0.417	26.01	0.399
5	QPSK	12	7	26.08	0.406	26.17	0.414	26.21	0.418
5	QPSK	12	13	25.96	0.394	26.04	0.402	26.15	0.412
5	QPSK	25	0	25.94	0.393	25.90	0.389	26.15	0.412
5	16QAM	1	0	26.10	0.407	26.06	0.404	25.93	0.392
5	16QAM	1	12	25.89	0.388	26.16	0.413	26.21	0.418
5	16QAM	1	24	26.09	0.406	26.15	0.412	25.93	0.392
5	16QAM	12	0	24.94	0.312	25.15	0.327	25.16	0.328
5	16QAM	12	7	24.96	0.313	25.00	0.316	24.82	0.303
5	16QAM	12	13	25.00	0.316	25.02	0.318	24.91	0.310
5	16QAM	25	0	24.95	0.313	24.90	0.309	24.87	0.307
5	64QAM	1	0	25.03	0.318	25.00	0.316	24.84	0.305
5	64QAM	1	12	25.19	0.330	25.09	0.323	24.90	0.309
5	64QAM	1	24	24.99	0.316	24.89	0.308	25.02	0.318
5	64QAM	12	0	24.08	0.256	24.12	0.258	24.04	0.254
5	64QAM	12	7	24.17	0.261	23.98	0.250	23.88	0.244
5	64QAM	12	13	23.86	0.243	24.00	0.251	23.94	0.248
5	64QAM	25	0	24.00	0.251	23.98	0.250	24.06	0.255



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	31.34	1.361	31.59	1.442	31.32	1.355
20	QPSK	1	49	31.18	1.312	31.32	1.355	31.47	1.403
20	QPSK	1	99	31.35	1.365	31.46	1.400	31.44	1.393
20	QPSK	50	0	30.55	1.135	30.62	1.153	30.42	1.102
20	QPSK	50	24	30.47	1.114	30.55	1.135	30.46	1.112
20	QPSK	50	50	30.40	1.096	30.44	1.107	30.39	1.094
20	QPSK	100	0	30.30	1.072	30.38	1.091	30.40	1.096
20	16QAM	1	0	30.53	1.130	30.56	1.138	30.51	1.125
20	16QAM	1	49	30.52	1.127	30.38	1.091	30.60	1.148
20	16QAM	1	99	30.60	1.148	30.42	1.102	30.57	1.140
20	16QAM	50	0	29.44	0.879	29.43	0.877	29.42	0.875
20	16QAM	50	24	29.41	0.873	29.26	0.843	29.44	0.879
20	16QAM	50	50	29.37	0.865	29.53	0.897	29.37	0.865
20	16QAM	100	0	29.42	0.875	29.37	0.865	29.52	0.895
20	64QAM	1	0	29.57	0.906	29.58	0.908	29.52	0.895
20	64QAM	1	49	29.36	0.863	29.38	0.867	29.54	0.899
20	64QAM	1	99	29.56	0.904	29.55	0.902	29.31	0.853
20	64QAM	50	0	28.59	0.723	28.51	0.710	28.52	0.711
20	64QAM	50	24	28.46	0.701	28.60	0.724	28.60	0.724
20	64QAM	50	50	28.37	0.687	28.38	0.689	28.59	0.723
20	64QAM	100	0	28.48	0.705	28.54	0.714	28.55	0.716



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	31.44	1.393	31.56	1.432	31.41	1.384
15	QPSK	1	37	31.51	1.416	31.47	1.403	31.28	1.343
15	QPSK	1	74	31.47	1.403	31.52	1.419	31.36	1.368
15	QPSK	36	0	30.38	1.091	30.64	1.159	30.51	1.125
15	QPSK	36	20	30.53	1.130	30.54	1.132	30.48	1.117
15	QPSK	36	39	30.44	1.107	30.43	1.104	30.59	1.146
15	QPSK	75	0	30.52	1.127	30.45	1.109	30.56	1.138
15	16QAM	1	0	30.34	1.081	30.59	1.146	30.46	1.112
15	16QAM	1	37	30.25	1.059	30.49	1.119	30.59	1.146
15	16QAM	1	74	30.49	1.119	30.23	1.054	30.31	1.074
15	16QAM	36	0	29.34	0.859	29.63	0.918	29.47	0.885
15	16QAM	36	20	29.37	0.865	29.34	0.859	29.34	0.859
15	16QAM	36	39	29.41	0.873	29.39	0.869	29.46	0.883
15	16QAM	75	0	29.58	0.908	29.59	0.910	29.40	0.871
15	64QAM	1	0	29.59	0.910	29.36	0.863	29.37	0.865
15	64QAM	1	37	29.44	0.879	29.54	0.899	29.28	0.847
15	64QAM	1	74	29.33	0.857	29.58	0.908	29.30	0.851
15	64QAM	36	0	28.45	0.700	28.57	0.719	28.50	0.708
15	64QAM	36	20	28.46	0.701	28.52	0.711	28.55	0.716
15	64QAM	36	39	28.57	0.719	28.50	0.708	28.32	0.679
15	64QAM	75	0	28.39	0.690	28.58	0.721	28.52	0.711



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	31.29	1.346	31.57	1.435	31.28	1.343
10	QPSK	1	25	31.28	1.343	31.28	1.343	31.46	1.400
10	QPSK	1	49	31.54	1.426	31.55	1.429	31.36	1.368
10	QPSK	25	0	30.46	1.112	30.64	1.159	30.54	1.132
10	QPSK	25	12	30.42	1.102	30.46	1.112	30.60	1.148
10	QPSK	25	25	30.58	1.143	30.38	1.091	30.60	1.148
10	QPSK	50	0	30.33	1.079	30.58	1.143	30.41	1.099
10	16QAM	1	0	30.45	1.109	30.61	1.151	30.56	1.138
10	16QAM	1	25	30.30	1.072	30.54	1.132	30.46	1.112
10	16QAM	1	49	30.56	1.138	30.23	1.054	30.35	1.084
10	16QAM	25	0	29.34	0.859	29.40	0.871	29.36	0.863
10	16QAM	25	12	29.63	0.918	29.58	0.908	29.31	0.853
10	16QAM	25	25	29.48	0.887	29.45	0.881	29.52	0.895
10	16QAM	50	0	29.62	0.916	29.57	0.906	29.29	0.849
10	64QAM	1	0	29.53	0.897	29.42	0.875	29.50	0.891
10	64QAM	1	25	29.65	0.923	29.60	0.912	29.34	0.859
10	64QAM	1	49	29.53	0.897	29.42	0.875	29.51	0.893
10	64QAM	25	0	28.48	0.705	28.53	0.713	28.61	0.726
10	64QAM	25	12	28.66	0.735	28.53	0.713	28.65	0.733
10	64QAM	25	25	28.46	0.701	28.44	0.698	28.65	0.733
10	64QAM	50	0	28.42	0.695	28.53	0.713	28.46	0.701



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	31.29	1.346	31.55	1.429	31.49	1.409
5	QPSK	1	12	31.30	1.349	31.53	1.422	31.24	1.330
5	QPSK	1	24	31.28	1.343	31.44	1.393	31.41	1.384
5	QPSK	12	0	30.63	1.156	30.53	1.130	30.60	1.148
5	QPSK	12	7	30.62	1.153	30.68	1.169	30.45	1.109
5	QPSK	12	13	30.62	1.153	30.59	1.146	30.54	1.132
5	QPSK	25	0	30.33	1.079	30.58	1.143	30.41	1.099
5	16QAM	1	0	30.42	1.102	30.64	1.159	30.42	1.102
5	16QAM	1	12	30.44	1.107	30.46	1.112	30.49	1.119
5	16QAM	1	24	30.44	1.107	30.23	1.054	30.48	1.117
5	16QAM	12	0	29.33	0.857	29.67	0.927	29.67	0.927
5	16QAM	12	7	29.49	0.889	29.30	0.851	29.31	0.853
5	16QAM	12	13	29.54	0.899	29.62	0.916	29.58	0.908
5	16QAM	25	0	29.46	0.883	29.55	0.902	29.50	0.891
5	64QAM	1	0	29.62	0.916	29.43	0.877	29.53	0.897
5	64QAM	1	12	29.57	0.906	29.25	0.841	29.28	0.847
5	64QAM	1	24	29.39	0.869	29.41	0.873	29.46	0.883
5	64QAM	12	0	28.69	0.740	28.62	0.728	28.53	0.713
5	64QAM	12	7	28.49	0.706	28.59	0.723	28.68	0.738
5	64QAM	12	13	28.30	0.676	28.57	0.719	28.30	0.676
5	64QAM	25	0	28.42	0.695	28.64	0.731	28.38	0.689



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	28.49	0.706	28.61	0.726	28.44	0.698
20	QPSK	1	49	28.34	0.682	28.56	0.718	28.44	0.698
20	QPSK	1	99	28.28	0.673	28.49	0.706	28.35	0.684
20	QPSK	50	0	27.52	0.565	27.62	0.578	27.44	0.555
20	QPSK	50	24	27.40	0.550	27.41	0.551	27.46	0.557
20	QPSK	50	50	27.47	0.558	27.47	0.558	27.41	0.551
20	QPSK	100	0	27.52	0.565	27.58	0.573	27.42	0.552
20	16QAM	1	0	27.34	0.542	27.59	0.574	27.35	0.543
20	16QAM	1	49	27.24	0.530	27.38	0.547	27.39	0.548
20	16QAM	1	99	27.43	0.553	27.34	0.542	27.25	0.531
20	16QAM	50	0	26.34	0.431	26.40	0.437	26.49	0.446
20	16QAM	50	24	26.36	0.433	26.54	0.451	26.42	0.439
20	16QAM	50	50	26.41	0.438	26.46	0.443	26.42	0.439
20	16QAM	100	0	26.42	0.439	26.49	0.446	26.36	0.433
20	64QAM	1	0	26.37	0.434	26.54	0.451	26.34	0.431
20	64QAM	1	49	26.38	0.435	26.39	0.436	26.44	0.441
20	64QAM	1	99	26.47	0.444	26.42	0.439	26.46	0.443
20	64QAM	50	0	25.50	0.355	25.62	0.365	25.51	0.356
20	64QAM	50	24	25.43	0.349	25.50	0.355	25.54	0.358
20	64QAM	50	50	25.53	0.357	25.48	0.353	25.41	0.348
20	64QAM	100	0	25.50	0.355	25.44	0.350	25.49	0.354



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	28.45	0.700	28.57	0.719	28.40	0.692
15	QPSK	1	37	28.53	0.713	28.25	0.668	28.30	0.676
15	QPSK	1	74	28.44	0.698	28.53	0.713	28.56	0.718
15	QPSK	36	0	27.58	0.573	27.67	0.585	27.56	0.570
15	QPSK	36	20	27.53	0.566	27.55	0.569	27.38	0.547
15	QPSK	36	39	27.32	0.540	27.63	0.579	27.55	0.569
15	QPSK	75	0	27.37	0.546	27.57	0.571	27.57	0.571
15	16QAM	1	0	27.54	0.568	27.58	0.573	27.58	0.573
15	16QAM	1	37	27.52	0.565	27.39	0.548	27.43	0.553
15	16QAM	1	74	27.33	0.541	27.25	0.531	27.24	0.530
15	16QAM	36	0	26.53	0.450	26.43	0.440	26.39	0.436
15	16QAM	36	20	26.40	0.437	26.46	0.443	26.36	0.433
15	16QAM	36	39	26.50	0.447	26.38	0.435	26.52	0.449
15	16QAM	75	0	26.52	0.449	26.47	0.444	26.56	0.453
15	64QAM	1	0	26.34	0.431	26.56	0.453	26.47	0.444
15	64QAM	1	37	26.53	0.450	26.42	0.439	26.30	0.427
15	64QAM	1	74	26.59	0.456	26.61	0.458	26.34	0.431
15	64QAM	36	0	25.60	0.363	25.61	0.364	25.49	0.354
15	64QAM	36	20	25.58	0.361	25.60	0.363	25.56	0.360
15	64QAM	36	39	25.37	0.344	25.34	0.342	25.33	0.341
15	64QAM	75	0	25.37	0.344	25.56	0.360	25.51	0.356



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	28.37	0.687	28.58	0.721	28.51	0.710
10	QPSK	1	25	28.21	0.662	28.57	0.719	28.46	0.701
10	QPSK	1	49	28.28	0.673	28.50	0.708	28.38	0.689
10	QPSK	25	0	27.39	0.548	27.59	0.574	27.54	0.568
10	QPSK	25	12	27.52	0.565	27.43	0.553	27.43	0.553
10	QPSK	25	25	27.55	0.569	27.47	0.558	27.50	0.562
10	QPSK	50	0	27.53	0.566	27.55	0.569	27.39	0.548
10	16QAM	1	0	27.62	0.578	27.52	0.565	27.42	0.552
10	16QAM	1	25	27.40	0.550	27.60	0.575	27.51	0.564
10	16QAM	1	49	27.50	0.562	27.23	0.528	27.35	0.543
10	16QAM	25	0	26.37	0.434	26.47	0.444	26.46	0.443
10	16QAM	25	12	26.59	0.456	26.34	0.431	26.54	0.451
10	16QAM	25	25	26.47	0.444	26.47	0.444	26.64	0.461
10	16QAM	50	0	26.36	0.433	26.41	0.438	26.54	0.451
10	64QAM	1	0	26.46	0.443	26.57	0.454	26.34	0.431
10	64QAM	1	25	26.35	0.432	26.57	0.454	26.56	0.453
10	64QAM	1	49	26.55	0.452	26.41	0.438	26.63	0.460
10	64QAM	25	0	25.51	0.356	25.54	0.358	25.49	0.354
10	64QAM	25	12	25.55	0.359	25.51	0.356	25.64	0.366
10	64QAM	25	25	25.35	0.343	25.50	0.355	25.35	0.343
10	64QAM	50	0	25.42	0.348	25.43	0.349	25.44	0.350



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	28.33	0.681	28.57	0.719	28.51	0.710
5	QPSK	1	12	28.21	0.662	28.46	0.701	28.35	0.684
5	QPSK	1	24	28.52	0.711	28.34	0.682	28.51	0.710
5	QPSK	12	0	27.34	0.542	27.58	0.573	27.51	0.564
5	QPSK	12	7	27.28	0.535	27.35	0.543	27.56	0.570
5	QPSK	12	13	27.59	0.574	27.61	0.577	27.36	0.545
5	QPSK	25	0	27.43	0.553	27.63	0.579	27.55	0.569
5	16QAM	1	0	27.40	0.550	27.42	0.552	27.55	0.569
5	16QAM	1	12	27.47	0.558	27.60	0.575	27.41	0.551
5	16QAM	1	24	27.35	0.543	27.35	0.543	27.48	0.560
5	16QAM	12	0	26.54	0.451	26.41	0.438	26.55	0.452
5	16QAM	12	7	26.55	0.452	26.42	0.439	26.59	0.456
5	16QAM	12	13	26.42	0.439	26.54	0.451	26.40	0.437
5	16QAM	25	0	26.52	0.449	26.34	0.431	26.41	0.438
5	64QAM	1	0	26.42	0.439	26.63	0.460	26.62	0.459
5	64QAM	1	12	26.44	0.441	26.55	0.452	26.32	0.429
5	64QAM	1	24	26.41	0.438	26.59	0.456	26.53	0.450
5	64QAM	12	0	25.47	0.352	25.59	0.362	25.58	0.361
5	64QAM	12	7	25.55	0.359	25.54	0.358	25.61	0.364
5	64QAM	12	13	25.37	0.344	25.39	0.346	25.44	0.350
5	64QAM	25	0	25.44	0.350	25.56	0.360	25.50	0.355



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	27.18	0.522	27.23	0.528	27.14	0.518
20	QPSK	1	49	27.06	0.508	27.19	0.524	26.95	0.495
20	QPSK	1	99	26.97	0.498	27.17	0.521	27.02	0.504
20	QPSK	50	0	26.15	0.412	26.22	0.419	26.21	0.418
20	QPSK	50	24	26.03	0.401	26.09	0.406	26.01	0.399
20	QPSK	50	50	26.04	0.402	26.06	0.404	26.13	0.410
20	QPSK	100	0	26.10	0.407	26.06	0.404	26.04	0.402
20	16QAM	1	0	26.01	0.399	26.10	0.407	26.12	0.409
20	16QAM	1	49	26.10	0.407	26.01	0.399	26.17	0.414
20	16QAM	1	99	26.16	0.413	26.04	0.402	26.08	0.406
20	16QAM	50	0	25.04	0.319	25.20	0.331	25.20	0.331
20	16QAM	50	24	25.21	0.332	25.24	0.334	25.16	0.328
20	16QAM	50	50	25.15	0.327	25.07	0.321	25.23	0.333
20	16QAM	100	0	25.26	0.336	25.17	0.329	25.22	0.333
20	64QAM	1	0	25.00	0.316	25.15	0.327	25.03	0.318
20	64QAM	1	49	25.06	0.321	25.22	0.333	24.98	0.315
20	64QAM	1	99	25.18	0.330	25.01	0.317	25.16	0.328
20	64QAM	50	0	24.23	0.265	24.21	0.264	24.14	0.259
20	64QAM	50	24	24.21	0.264	24.10	0.257	24.12	0.258
20	64QAM	50	50	24.09	0.256	24.07	0.255	24.10	0.257
20	64QAM	100	0	24.05	0.254	24.13	0.259	24.09	0.256



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	27.14	0.518	27.20	0.525	27.11	0.514
15	QPSK	1	37	26.89	0.489	27.03	0.505	26.97	0.498
15	QPSK	1	74	26.93	0.493	27.12	0.515	27.06	0.508
15	QPSK	36	0	26.11	0.408	26.26	0.423	26.21	0.418
15	QPSK	36	20	26.13	0.410	26.17	0.414	26.06	0.404
15	QPSK	36	39	26.19	0.416	26.06	0.404	26.19	0.416
15	QPSK	75	0	26.08	0.406	26.10	0.407	26.17	0.414
15	16QAM	1	0	26.15	0.412	26.15	0.412	26.15	0.412
15	16QAM	1	37	26.12	0.409	26.07	0.405	26.17	0.414
15	16QAM	1	74	26.13	0.410	25.99	0.397	25.98	0.396
15	16QAM	36	0	25.18	0.330	25.24	0.334	25.20	0.331
15	16QAM	36	20	25.03	0.318	25.02	0.318	25.04	0.319
15	16QAM	36	39	25.17	0.329	25.09	0.323	25.02	0.318
15	16QAM	75	0	25.24	0.334	25.05	0.320	25.22	0.333
15	64QAM	1	0	24.97	0.314	25.22	0.333	25.09	0.323
15	64QAM	1	37	25.15	0.327	25.05	0.320	25.05	0.320
15	64QAM	1	74	25.07	0.321	25.02	0.318	25.08	0.322
15	64QAM	36	0	24.26	0.267	24.21	0.264	24.16	0.261
15	64QAM	36	20	24.27	0.267	24.08	0.256	24.15	0.260
15	64QAM	36	39	24.08	0.256	24.13	0.259	24.04	0.254
15	64QAM	75	0	24.22	0.264	24.21	0.264	24.30	0.269



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	27.14	0.518	27.20	0.525	27.01	0.502
10	QPSK	1	25	27.02	0.504	27.14	0.518	27.05	0.507
10	QPSK	1	49	27.06	0.508	27.02	0.504	27.07	0.509
10	QPSK	25	0	26.09	0.406	26.24	0.421	26.17	0.414
10	QPSK	25	12	26.07	0.405	26.09	0.406	26.22	0.419
10	QPSK	25	25	26.17	0.414	26.06	0.404	26.23	0.420
10	QPSK	50	0	26.22	0.419	26.20	0.417	26.02	0.400
10	16QAM	1	0	26.04	0.402	26.10	0.407	25.95	0.394
10	16QAM	1	25	25.95	0.394	26.16	0.413	26.31	0.428
10	16QAM	1	49	26.10	0.407	25.98	0.396	26.09	0.406
10	16QAM	25	0	25.00	0.316	25.13	0.326	25.05	0.320
10	16QAM	25	12	25.26	0.336	25.02	0.318	24.95	0.313
10	16QAM	25	25	25.14	0.327	25.18	0.330	25.27	0.337
10	16QAM	50	0	25.00	0.316	25.23	0.333	25.02	0.318
10	64QAM	1	0	25.10	0.324	25.23	0.333	25.02	0.318
10	64QAM	1	25	25.19	0.330	25.13	0.326	25.26	0.336
10	64QAM	1	49	25.12	0.325	24.94	0.312	25.12	0.325
10	64QAM	25	0	24.13	0.259	24.24	0.265	24.26	0.267
10	64QAM	25	12	24.11	0.258	24.12	0.258	24.25	0.266
10	64QAM	25	25	24.05	0.254	24.22	0.264	24.20	0.263
10	64QAM	50	0	24.26	0.267	24.08	0.256	24.17	0.261



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	27.19	0.524	27.18	0.522	27.04	0.506
5	QPSK	1	12	26.96	0.497	27.04	0.506	26.99	0.500
5	QPSK	1	24	27.04	0.506	27.14	0.518	27.06	0.508
5	QPSK	12	0	26.18	0.415	26.11	0.408	26.11	0.408
5	QPSK	12	7	26.12	0.409	26.15	0.412	26.05	0.403
5	QPSK	12	13	26.07	0.405	26.13	0.410	26.11	0.408
5	QPSK	25	0	26.11	0.408	26.08	0.406	26.15	0.412
5	16QAM	1	0	26.01	0.399	26.13	0.410	25.96	0.394
5	16QAM	1	12	25.94	0.393	26.22	0.419	26.08	0.406
5	16QAM	1	24	26.19	0.416	25.97	0.395	26.19	0.416
5	16QAM	12	0	25.04	0.319	25.14	0.327	25.10	0.324
5	16QAM	12	7	25.15	0.327	25.21	0.332	25.12	0.325
5	16QAM	12	13	25.12	0.325	25.10	0.324	25.25	0.335
5	16QAM	25	0	24.99	0.316	25.06	0.321	25.10	0.324
5	64QAM	1	0	25.19	0.330	25.15	0.327	25.08	0.322
5	64QAM	1	12	25.08	0.322	25.23	0.333	25.20	0.331
5	64QAM	1	24	24.99	0.316	25.03	0.318	25.03	0.318
5	64QAM	12	0	24.23	0.265	24.21	0.264	24.30	0.269
5	64QAM	12	7	24.15	0.260	24.14	0.259	24.15	0.260
5	64QAM	12	13	24.03	0.253	24.02	0.252	24.07	0.255
5	64QAM	25	0	24.22	0.264	24.10	0.257	24.29	0.269



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	27.15	0.519	27.21	0.526	27.16	0.520
3	QPSK	1	8	27.20	0.525	26.97	0.498	27.15	0.519
3	QPSK	1	14	27.07	0.509	27.09	0.512	27.10	0.513
3	QPSK	8	0	26.21	0.418	26.10	0.407	26.18	0.415
3	QPSK	8	4	26.08	0.406	26.11	0.408	26.06	0.404
3	QPSK	8	7	26.21	0.418	26.07	0.405	26.05	0.403
3	QPSK	15	0	26.26	0.423	26.34	0.431	26.31	0.428
3	16QAM	1	0	26.21	0.418	26.21	0.418	26.03	0.401
3	16QAM	1	8	26.22	0.419	26.15	0.412	26.25	0.422
3	16QAM	1	14	26.22	0.419	26.22	0.419	25.98	0.396
3	16QAM	8	0	25.24	0.334	25.26	0.336	25.08	0.322
3	16QAM	8	4	25.29	0.338	25.29	0.338	25.08	0.322
3	16QAM	8	7	25.03	0.318	25.14	0.327	25.05	0.320
3	16QAM	15	0	25.07	0.321	25.15	0.327	24.98	0.315
3	64QAM	1	0	25.00	0.316	25.19	0.330	25.10	0.324
3	64QAM	1	8	25.14	0.327	25.13	0.326	24.95	0.313
3	64QAM	1	14	25.12	0.325	25.04	0.319	25.07	0.321
3	64QAM	8	0	24.24	0.265	24.20	0.263	24.12	0.258
3	64QAM	8	4	24.09	0.256	24.09	0.256	24.21	0.264
3	64QAM	8	7	24.17	0.261	24.22	0.264	24.15	0.260
3	64QAM	15	0	24.12	0.258	24.36	0.273	24.19	0.262



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	26.99	0.500	27.19	0.524	27.18	0.522
1.4	QPSK	1	3	26.97	0.498	27.08	0.511	27.00	0.501
1.4	QPSK	1	5	27.11	0.514	27.06	0.508	26.95	0.495
1.4	QPSK	3	0	26.18	0.415	26.23	0.420	26.27	0.424
1.4	QPSK	3	1	26.03	0.401	26.23	0.420	26.28	0.425
1.4	QPSK	3	3	26.00	0.398	26.17	0.414	26.27	0.424
1.4	QPSK	6	0	26.22	0.419	26.17	0.414	26.01	0.399
1.4	16QAM	1	0	26.20	0.417	26.42	0.439	25.99	0.397
1.4	16QAM	1	3	25.94	0.393	26.33	0.430	26.19	0.416
1.4	16QAM	1	5	26.02	0.400	26.28	0.425	25.97	0.395
1.4	16QAM	3	0	25.09	0.323	25.44	0.350	25.15	0.327
1.4	16QAM	3	1	25.28	0.337	25.22	0.333	25.12	0.325
1.4	16QAM	3	3	25.36	0.344	25.32	0.340	25.04	0.319
1.4	16QAM	6	0	25.02	0.318	25.13	0.326	24.99	0.316
1.4	64QAM	1	0	25.12	0.325	25.33	0.341	25.20	0.331
1.4	64QAM	1	3	25.22	0.333	25.22	0.333	25.21	0.332
1.4	64QAM	1	5	25.09	0.323	25.14	0.327	25.19	0.330
1.4	64QAM	3	0	24.29	0.269	24.38	0.274	24.26	0.267
1.4	64QAM	3	1	24.14	0.259	24.27	0.267	24.23	0.265
1.4	64QAM	3	3	24.10	0.257	24.04	0.254	24.28	0.268
1.4	64QAM	6	0	24.39	0.275	24.25	0.266	24.36	0.273



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	20.17	0.104	20.21	0.105	20.15	0.104
20	QPSK	1	49	20.09	0.102	20.16	0.104	20.07	0.102
20	QPSK	1	99	20.14	0.103	20.06	0.101	20.11	0.103
20	QPSK	50	0	19.14	0.082	19.28	0.085	19.27	0.085
20	QPSK	50	24	19.26	0.084	19.18	0.083	19.24	0.084
20	QPSK	50	50	19.25	0.084	19.11	0.081	19.12	0.082
20	QPSK	100	0	19.05	0.080	19.20	0.083	19.15	0.082
20	16QAM	1	0	19.31	0.085	19.32	0.086	19.17	0.083
20	16QAM	1	49	19.23	0.084	19.15	0.082	19.29	0.085
20	16QAM	1	99	19.17	0.083	19.20	0.083	19.18	0.083
20	16QAM	50	0	18.31	0.068	18.25	0.067	18.36	0.069
20	16QAM	50	24	18.15	0.065	18.12	0.065	18.31	0.068
20	16QAM	50	50	18.26	0.067	18.13	0.065	18.18	0.066
20	16QAM	100	0	18.15	0.065	18.18	0.066	18.25	0.067
20	64QAM	1	0	18.18	0.066	18.17	0.066	18.12	0.065
20	64QAM	1	49	18.21	0.066	18.34	0.068	18.22	0.066
20	64QAM	1	99	18.20	0.066	18.34	0.068	18.13	0.065
20	64QAM	50	0	17.24	0.053	17.17	0.052	17.17	0.052
20	64QAM	50	24	17.17	0.052	17.25	0.053	17.23	0.053
20	64QAM	50	50	17.06	0.051	17.09	0.051	17.17	0.052
20	64QAM	100	0	17.22	0.053	17.16	0.052	17.21	0.053



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	21.00	0.126	21.11	0.129	20.98	0.125
15	QPSK	1	37	21.05	0.127	21.01	0.126	21.04	0.127
15	QPSK	1	74	21.02	0.126	20.98	0.125	20.98	0.125
15	QPSK	36	0	20.04	0.101	20.17	0.104	20.15	0.104
15	QPSK	36	20	20.13	0.103	20.10	0.102	20.12	0.103
15	QPSK	36	39	20.01	0.100	20.00	0.100	20.03	0.101
15	QPSK	75	0	20.09	0.102	20.02	0.100	20.14	0.103
15	16QAM	1	0	20.06	0.101	20.18	0.104	20.23	0.105
15	16QAM	1	37	19.99	0.100	20.23	0.105	20.14	0.103
15	16QAM	1	74	20.02	0.100	20.09	0.102	20.23	0.105
15	16QAM	36	0	19.10	0.081	19.13	0.082	19.23	0.084
15	16QAM	36	20	19.16	0.082	19.10	0.081	19.16	0.082
15	16QAM	36	39	19.14	0.082	19.12	0.082	19.02	0.080
15	16QAM	75	0	18.96	0.079	19.13	0.082	19.05	0.080
15	64QAM	1	0	19.03	0.080	19.17	0.083	19.06	0.081
15	64QAM	1	37	19.01	0.080	19.26	0.084	19.17	0.083
15	64QAM	1	74	19.20	0.083	19.05	0.080	19.12	0.082
15	64QAM	36	0	18.15	0.065	18.18	0.066	18.04	0.064
15	64QAM	36	20	18.03	0.064	18.10	0.065	18.23	0.067
15	64QAM	36	39	18.23	0.067	18.24	0.067	18.09	0.064
15	64QAM	75	0	18.27	0.067	18.14	0.065	18.11	0.065



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	21.05	0.127	21.09	0.129	20.95	0.124
10	QPSK	1	25	21.07	0.128	20.98	0.125	21.00	0.126
10	QPSK	1	49	21.02	0.126	21.04	0.127	21.02	0.126
10	QPSK	25	0	20.03	0.101	20.24	0.106	20.25	0.106
10	QPSK	25	12	20.02	0.100	20.10	0.102	20.06	0.101
10	QPSK	25	25	20.16	0.104	20.21	0.105	20.07	0.102
10	QPSK	50	0	20.00	0.100	20.09	0.102	20.15	0.104
10	16QAM	1	0	20.24	0.106	20.14	0.103	20.25	0.106
10	16QAM	1	25	20.06	0.101	20.04	0.101	20.13	0.103
10	16QAM	1	49	20.08	0.102	20.16	0.104	20.11	0.103
10	16QAM	25	0	19.17	0.083	19.10	0.081	19.25	0.084
10	16QAM	25	12	19.13	0.082	19.09	0.081	18.98	0.079
10	16QAM	25	25	19.15	0.082	19.18	0.083	19.17	0.083
10	16QAM	50	0	18.98	0.079	19.21	0.083	19.02	0.080
10	64QAM	1	0	19.01	0.080	19.13	0.082	19.02	0.080
10	64QAM	1	25	19.23	0.084	19.17	0.083	19.08	0.081
10	64QAM	1	49	19.13	0.082	18.99	0.079	19.15	0.082
10	64QAM	25	0	17.97	0.063	18.21	0.066	18.25	0.067
10	64QAM	25	12	18.18	0.066	18.27	0.067	18.16	0.065
10	64QAM	25	25	18.20	0.066	18.14	0.065	18.27	0.067
10	64QAM	50	0	18.26	0.067	18.24	0.067	18.20	0.066



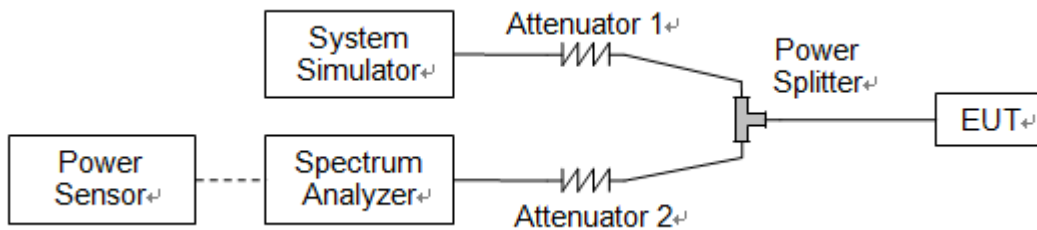
LTE Band 71				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				133147		133297		133447	
Frequency (MHz)				665.5		680.5		695.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	21.07	0.128	21.08	0.128	21.00	0.126
5	QPSK	1	12	20.86	0.122	20.92	0.124	20.92	0.124
5	QPSK	1	24	21.00	0.126	21.02	0.126	20.98	0.125
5	QPSK	12	0	20.35	0.108	20.24	0.106	20.10	0.102
5	QPSK	12	7	20.11	0.103	20.21	0.105	20.26	0.106
5	QPSK	12	13	20.12	0.103	20.01	0.100	20.04	0.101
5	QPSK	25	0	20.16	0.104	20.12	0.103	20.21	0.105
5	16QAM	1	0	20.18	0.104	20.16	0.104	20.21	0.105
5	16QAM	1	12	20.09	0.102	20.07	0.102	20.28	0.107
5	16QAM	1	24	19.99	0.100	20.20	0.105	20.11	0.103
5	16QAM	12	0	19.04	0.080	19.17	0.083	19.07	0.081
5	16QAM	12	7	18.99	0.079	19.21	0.083	19.04	0.080
5	16QAM	12	13	19.21	0.083	19.18	0.083	19.14	0.082
5	16QAM	25	0	19.22	0.084	19.11	0.081	18.99	0.079
5	64QAM	1	0	19.13	0.082	19.12	0.082	19.29	0.085
5	64QAM	1	12	19.16	0.082	19.12	0.082	19.07	0.081
5	64QAM	1	24	19.05	0.080	18.95	0.079	19.15	0.082
5	64QAM	12	0	18.19	0.066	18.25	0.067	18.27	0.067
5	64QAM	12	7	18.18	0.066	18.14	0.065	18.13	0.065
5	64QAM	12	13	18.08	0.064	18.12	0.065	18.09	0.064
5	64QAM	25	0	18.05	0.064	18.20	0.066	18.19	0.066

2.2. Occupied Bandwidth

2.2.1. Requirement

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

2.2.2. Test Description



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

2.2.3. Test Procedure

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

2.2.4. Test Result



LTE Band 2				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.10	1.30
	Low	16QAM	1.10	1.32
	Low	64QAM	1.10	1.29
	Mid	QPSK	1.10	1.30
	Mid	16QAM	1.10	1.33
	Mid	64QAM	1.10	1.27
	High	QPSK	1.10	1.29
	High	16QAM	1.10	1.31
	High	64QAM	1.10	1.29
3	Low	QPSK	2.70	3.00
	Low	16QAM	2.70	3.00
	Low	64QAM	2.70	2.98
	Mid	QPSK	2.70	2.98
	Mid	16QAM	2.70	2.99
	Mid	64QAM	2.70	2.98
	High	QPSK	2.70	2.99
	High	16QAM	2.70	2.99
	High	64QAM	2.70	2.99
5	Low	QPSK	4.50	5.00
	Low	16QAM	4.49	5.00
	Low	64QAM	4.51	5.03
	Mid	QPSK	4.50	5.02
	Mid	16QAM	4.51	4.95
	Mid	64QAM	4.52	4.98
	High	QPSK	4.50	5.01
	High	16QAM	4.50	4.96
	High	64QAM	4.50	4.97
10	Low	QPSK	8.98	9.82
	Low	16QAM	8.95	9.81
	Low	64QAM	8.97	9.87
	Mid	QPSK	9.00	9.87
	Mid	16QAM	8.97	9.87
	Mid	64QAM	8.98	9.89
	High	QPSK	8.99	9.86
	High	16QAM	8.96	9.82
	High	64QAM	8.97	9.88



15	Low	QPSK	13.43	14.68
	Low	16QAM	13.42	14.63
	Low	64QAM	13.42	14.59
	Mid	QPSK	13.48	14.67
	Mid	16QAM	13.46	14.75
	Mid	64QAM	13.45	14.64
	High	QPSK	13.47	14.72
	High	16QAM	13.49	14.83
	High	64QAM	13.47	14.73
20	Low	QPSK	17.89	19.34
	Low	16QAM	17.93	19.40
	Low	64QAM	17.91	19.37
	Mid	QPSK	17.93	19.42
	Mid	16QAM	17.94	19.38
	Mid	64QAM	17.98	19.57
	High	QPSK	18.02	19.56
	High	16QAM	18.03	19.52
	High	64QAM	18.04	19.44



LTE Band 4				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.10	1.29
	Low	16QAM	1.10	1.30
	Low	64QAM	1.10	1.29
	Mid	QPSK	1.10	1.28
	Mid	16QAM	1.10	1.29
	Mid	64QAM	1.10	1.29
	High	QPSK	1.10	1.29
	High	16QAM	1.10	1.30
	High	64QAM	1.10	1.29
3	Low	QPSK	2.70	2.98
	Low	16QAM	2.70	2.98
	Low	64QAM	2.70	2.98
	Mid	QPSK	2.70	2.97
	Mid	16QAM	2.70	2.99
	Mid	64QAM	2.70	2.98
	High	QPSK	2.70	2.98
	High	16QAM	2.70	3.00
	High	64QAM	2.70	2.97
5	Low	QPSK	4.50	5.02
	Low	16QAM	4.50	4.99
	Low	64QAM	4.51	4.99
	Mid	QPSK	4.50	5.06
	Mid	16QAM	4.52	4.99
	Mid	64QAM	4.50	5.00
	High	QPSK	4.51	5.01
	High	16QAM	4.50	5.01
	High	64QAM	4.50	5.01
10	Low	QPSK	9.00	9.83
	Low	16QAM	8.98	9.85
	Low	64QAM	8.98	9.87
	Mid	QPSK	9.00	9.86
	Mid	16QAM	8.97	9.77
	Mid	64QAM	8.97	9.88
	High	QPSK	8.98	9.88
	High	16QAM	8.96	9.85
	High	64QAM	8.98	9.87



15	Low	QPSK	13.45	14.67
	Low	16QAM	13.47	14.69
	Low	64QAM	13.46	14.77
	Mid	QPSK	13.49	14.73
	Mid	16QAM	13.47	14.77
	Mid	64QAM	13.45	14.65
	High	QPSK	13.46	14.72
	High	16QAM	13.47	14.67
	High	64QAM	13.43	14.63
20	Low	QPSK	17.92	19.52
	Low	16QAM	17.94	19.42
	Low	64QAM	17.91	19.51
	Mid	QPSK	17.97	19.44
	Mid	16QAM	18.01	19.47
	Mid	64QAM	18.01	19.55
	High	QPSK	17.97	19.55
	High	16QAM	17.95	19.57
	High	64QAM	17.97	19.45



LTE Band 5				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.10	1.28
	Low	16QAM	1.10	1.30
	Low	64QAM	1.10	1.30
	Mid	QPSK	1.09	1.28
	Mid	16QAM	1.10	1.28
	Mid	64QAM	1.10	1.29
	High	QPSK	1.10	1.28
	High	16QAM	1.11	1.29
	High	64QAM	1.10	1.30
3	Low	QPSK	2.70	2.97
	Low	16QAM	2.70	2.97
	Low	64QAM	2.70	2.98
	Mid	QPSK	2.70	2.99
	Mid	16QAM	2.70	2.99
	Mid	64QAM	2.71	2.98
	High	QPSK	2.70	2.98
	High	16QAM	2.70	3.01
	High	64QAM	2.70	2.98
5	Low	QPSK	4.51	5.01
	Low	16QAM	4.51	5.01
	Low	64QAM	4.50	4.96
	Mid	QPSK	4.50	5.01
	Mid	16QAM	4.50	5.02
	Mid	64QAM	4.52	5.00
	High	QPSK	4.50	5.00
	High	16QAM	4.51	5.02
	High	64QAM	4.50	5.02
10	Low	QPSK	9.02	9.93
	Low	16QAM	8.99	9.81
	Low	64QAM	9.00	9.90
	Mid	QPSK	8.99	9.85
	Mid	16QAM	8.95	9.76
	Mid	64QAM	8.98	9.85
	High	QPSK	9.00	9.87
	High	16QAM	8.96	9.85
	High	64QAM	9.00	9.91



LTE Band 7				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.51	4.99
	Low	16QAM	4.51	5.01
	Low	64QAM	4.51	4.99
	Mid	QPSK	4.50	4.99
	Mid	16QAM	4.50	4.99
	Mid	64QAM	4.51	4.98
	High	QPSK	4.50	5.03
	High	16QAM	4.51	5.02
	High	64QAM	4.52	4.97
10	Low	QPSK	8.98	9.89
	Low	16QAM	8.97	9.82
	Low	64QAM	8.98	9.86
	Mid	QPSK	9.01	9.90
	Mid	16QAM	8.96	9.84
	Mid	64QAM	9.00	9.89
	High	QPSK	9.00	9.88
	High	16QAM	8.96	9.83
	High	64QAM	8.98	9.83
15	Low	QPSK	13.46	14.69
	Low	16QAM	13.47	14.67
	Low	64QAM	13.44	14.74
	Mid	QPSK	13.49	14.68
	Mid	16QAM	13.45	14.82
	Mid	64QAM	13.45	14.73
	High	QPSK	13.47	14.71
	High	16QAM	13.48	14.83
	High	64QAM	13.47	14.74
20	Low	QPSK	17.92	19.55
	Low	16QAM	17.98	19.54
	Low	64QAM	17.95	19.50
	Mid	QPSK	17.95	19.51
	Mid	16QAM	17.98	19.55
	Mid	64QAM	17.98	19.56
	High	QPSK	17.95	19.43
	High	16QAM	17.97	19.51
	High	64QAM	17.97	19.58



LTE Band 12				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.10	1.28
	Low	16QAM	1.10	1.30
	Low	64QAM	1.10	1.27
	Mid	QPSK	1.09	1.30
	Mid	16QAM	1.10	1.30
	Mid	64QAM	1.10	1.28
	High	QPSK	1.10	1.29
	High	16QAM	1.10	1.30
	High	64QAM	1.10	1.30
3	Low	QPSK	2.71	2.96
	Low	16QAM	2.70	3.03
	Low	64QAM	2.71	2.99
	Mid	QPSK	2.70	2.98
	Mid	16QAM	2.70	2.99
	Mid	64QAM	2.70	2.96
	High	QPSK	2.71	2.99
	High	16QAM	2.70	3.00
	High	64QAM	2.70	2.98
5	Low	QPSK	4.50	5.02
	Low	16QAM	4.51	4.98
	Low	64QAM	4.52	5.00
	Mid	QPSK	4.51	5.00
	Mid	16QAM	4.51	5.02
	Mid	64QAM	4.51	5.00
	High	QPSK	4.51	5.02
	High	16QAM	4.51	5.02
	High	64QAM	4.50	4.99
10	Low	QPSK	8.96	9.79
	Low	16QAM	8.96	9.76
	Low	64QAM	8.96	9.85
	Mid	QPSK	8.95	9.82
	Mid	16QAM	8.96	9.79
	Mid	64QAM	8.98	9.84
	High	QPSK	9.00	9.89
	High	16QAM	8.98	9.85
	High	64QAM	9.02	9.89



LTE Band 13				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.49	5.01
	Low	16QAM	4.49	4.98
	Low	64QAM	4.50	5.01
	Mid	QPSK	4.51	5.06
	Mid	16QAM	4.51	5.00
	Mid	64QAM	4.52	5.03
	High	QPSK	4.51	5.06
	High	16QAM	4.50	5.00
	High	64QAM	4.51	5.01
10	Mid	QPSK	8.99	9.86
	Mid	16QAM	8.96	9.81
	Mid	64QAM	8.97	9.86

LTE Band 17				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.51	5.00
	Low	16QAM	4.51	5.04
	Low	64QAM	4.50	5.00
	Mid	QPSK	4.52	5.06
	Mid	16QAM	4.51	4.99
	Mid	64QAM	4.52	4.99
	High	QPSK	4.50	5.01
	High	16QAM	4.51	5.12
	High	64QAM	4.51	5.01
10	Low	QPSK	9.03	9.90
	Low	16QAM	8.97	9.89
	Low	64QAM	8.98	9.89
	Mid	QPSK	8.99	9.92
	Mid	16QAM	8.98	9.88
	Mid	64QAM	8.99	9.90
	High	QPSK	9.01	9.93
	High	16QAM	8.98	9.84
	High	64QAM	9.01	9.89



LTE Band 18				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.51	5.02
	Low	16QAM	4.50	4.99
	Low	64QAM	4.50	4.98
	Mid	QPSK	4.51	5.02
	Mid	16QAM	4.50	5.00
	Mid	64QAM	4.51	4.99
	High	QPSK	4.50	5.02
	High	16QAM	4.50	5.01
	High	64QAM	4.51	4.99



LTE Band 19				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.52	4.98
	Low	16QAM	4.49	4.98
	Low	64QAM	4.51	5.02
	Mid	QPSK	4.49	5.05
	Mid	16QAM	4.50	5.02
	Mid	64QAM	4.50	4.97
	High	QPSK	4.51	5.00
	High	16QAM	4.50	5.01
	High	64QAM	4.50	5.00
10	Low	QPSK	9.00	9.83
	Low	16QAM	8.96	9.79
	Low	64QAM	9.00	9.94
	Mid	QPSK	8.98	9.78
	Mid	16QAM	8.96	9.79
	Mid	64QAM	8.97	9.87
	High	QPSK	9.00	9.80
	High	16QAM	8.96	9.83
	High	64QAM	8.99	9.85
15	Low	QPSK	13.43	14.68
	Low	16QAM	13.43	14.70
	Low	64QAM	13.44	14.76
	Mid	QPSK	13.46	14.69
	Mid	16QAM	13.44	14.84
	Mid	64QAM	13.42	14.66
	High	QPSK	13.43	14.70
	High	16QAM	13.43	14.67
	High	64QAM	13.44	14.75



LTE Band 25				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.10	1.27
	Low	16QAM	1.10	1.33
	Low	64QAM	1.10	1.29
	Mid	QPSK	1.10	1.30
	Mid	16QAM	1.10	1.31
	Mid	64QAM	1.10	1.29
	High	QPSK	1.10	1.33
	High	16QAM	1.11	1.44
	High	64QAM	1.10	1.31
3	Low	QPSK	2.70	2.99
	Low	16QAM	2.70	2.98
	Low	64QAM	2.71	2.98
	Mid	QPSK	2.70	2.98
	Mid	16QAM	2.70	2.99
	Mid	64QAM	2.70	2.97
	High	QPSK	2.71	2.99
	High	16QAM	2.71	3.02
	High	64QAM	2.71	2.96
5	Low	QPSK	4.51	5.01
	Low	16QAM	4.50	4.99
	Low	64QAM	4.51	5.00
	Mid	QPSK	4.50	5.02
	Mid	16QAM	4.51	5.01
	Mid	64QAM	4.51	4.99
	High	QPSK	4.51	5.00
	High	16QAM	4.50	4.98
	High	64QAM	4.51	4.99
10	Low	QPSK	8.95	9.82
	Low	16QAM	8.96	9.81
	Low	64QAM	8.96	9.81
	Mid	QPSK	8.97	9.76
	Mid	16QAM	8.96	9.84
	Mid	64QAM	8.98	9.88
	High	QPSK	8.95	9.81
	High	16QAM	8.92	9.79
	High	64QAM	8.94	9.79



15	Low	QPSK	13.42	14.62
	Low	16QAM	13.41	14.62
	Low	64QAM	13.38	14.57
	Mid	QPSK	13.47	14.61
	Mid	16QAM	13.45	14.69
	Mid	64QAM	13.44	14.70
	High	QPSK	13.42	14.57
	High	16QAM	13.37	14.63
	High	64QAM	13.37	14.53
20	Low	QPSK	17.85	19.35
	Low	16QAM	17.85	19.45
	Low	64QAM	17.90	19.43
	Mid	QPSK	17.92	19.32
	Mid	16QAM	17.93	19.43
	Mid	64QAM	17.91	19.52
	High	QPSK	17.89	19.36
	High	16QAM	17.89	19.49
	High	64QAM	17.91	19.56



LTE Band 26				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.10	1.30
	Low	16QAM	1.10	1.29
	Low	64QAM	1.10	1.29
	Mid	QPSK	1.10	1.29
	Mid	16QAM	1.10	1.29
	Mid	64QAM	1.10	1.28
	High	QPSK	1.10	1.30
	High	16QAM	1.10	1.30
	High	64QAM	1.10	1.30
3	Low	QPSK	2.70	2.98
	Low	16QAM	2.71	2.98
	Low	64QAM	2.71	2.98
	Mid	QPSK	2.70	3.00
	Mid	16QAM	2.70	2.99
	Mid	64QAM	2.70	2.98
	High	QPSK	2.70	2.98
	High	16QAM	2.70	2.98
	High	64QAM	2.70	2.97
5	Low	QPSK	4.50	5.02
	Low	16QAM	4.51	5.04
	Low	64QAM	4.52	5.01
	Mid	QPSK	4.50	5.03
	Mid	16QAM	4.51	4.99
	Mid	64QAM	4.51	5.01
	High	QPSK	4.50	5.00
	High	16QAM	4.51	5.00
	High	64QAM	4.51	5.01
10	Low	QPSK	9.02	9.89
	Low	16QAM	8.98	9.84
	Low	64QAM	9.00	9.94
	Mid	QPSK	8.98	9.82
	Mid	16QAM	8.94	9.79
	Mid	64QAM	8.98	9.84
	High	QPSK	8.99	9.92
	High	16QAM	8.96	9.87
	High	64QAM	8.98	9.92



15	Low	QPSK	13.54	14.84
	Low	16QAM	13.52	14.88
	Low	64QAM	13.49	14.71
	Mid	QPSK	13.46	14.63
	Mid	16QAM	13.46	14.66
	Mid	64QAM	13.44	14.69
	High	QPSK	13.44	14.69
	High	16QAM	13.45	14.63
	High	64QAM	13.42	14.65

LTE Band 30				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.51	5.04
	Low	16QAM	4.50	5.01
	Low	64QAM	4.52	5.00
	Mid	QPSK	4.50	5.00
	Mid	16QAM	4.50	4.96
	Mid	64QAM	4.51	5.04
	High	QPSK	4.51	4.99
	High	16QAM	4.50	4.98
	High	64QAM	4.52	5.01
10	Mid	QPSK	8.99	9.92
	Mid	16QAM	8.96	9.80
	Mid	64QAM	8.99	9.85



LTE Band 41				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.52	5.01
	Low	16QAM	4.51	5.08
	Low	64QAM	4.51	4.98
	Mid	QPSK	4.51	5.03
	Mid	16QAM	4.50	5.06
	Mid	64QAM	4.52	4.97
	High	QPSK	4.52	5.04
	High	16QAM	4.50	5.03
	High	64QAM	4.51	4.98
10	Low	QPSK	8.97	9.77
	Low	16QAM	8.98	10.08
	Low	64QAM	8.95	9.83
	Mid	QPSK	9.00	9.78
	Mid	16QAM	8.97	9.90
	Mid	64QAM	8.97	9.82
	High	QPSK	8.97	9.80
	High	16QAM	8.97	10.03
	High	64QAM	8.96	9.84
15	Low	QPSK	13.48	14.75
	Low	16QAM	13.46	14.66
	Low	64QAM	13.43	14.61
	Mid	QPSK	13.45	14.63
	Mid	16QAM	13.50	14.71
	Mid	64QAM	13.43	14.68
	High	QPSK	13.47	14.53
	High	16QAM	13.47	14.74
	High	64QAM	13.45	14.58
20	Low	QPSK	17.92	19.46
	Low	16QAM	17.97	20.55
	Low	64QAM	17.93	19.56
	Mid	QPSK	17.95	20.05
	Mid	16QAM	17.93	20.51
	Mid	64QAM	17.94	19.47
	High	QPSK	17.95	19.44
	High	16QAM	17.92	19.80
	High	64QAM	17.93	19.63



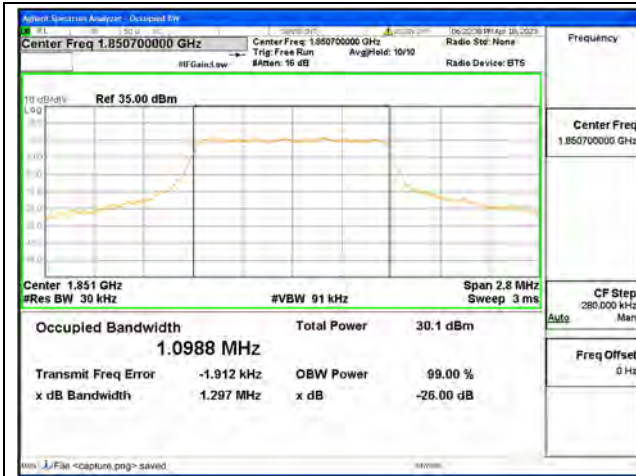
LTE Band 66				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.10	1.29
	Low	16QAM	1.10	1.30
	Low	64QAM	1.10	1.28
	Mid	QPSK	1.10	1.30
	Mid	16QAM	1.10	1.28
	Mid	64QAM	1.10	1.31
	High	QPSK	1.10	1.28
	High	16QAM	1.10	1.30
	High	64QAM	1.10	1.30
3	Low	QPSK	2.70	2.98
	Low	16QAM	2.70	3.01
	Low	64QAM	2.71	2.98
	Mid	QPSK	2.70	2.98
	Mid	16QAM	2.70	2.99
	Mid	64QAM	2.70	2.96
	High	QPSK	2.70	2.99
	High	16QAM	2.70	2.98
	High	64QAM	2.70	2.99
5	Low	QPSK	4.51	5.01
	Low	16QAM	4.51	4.99
	Low	64QAM	4.51	5.04
	Mid	QPSK	4.51	5.04
	Mid	16QAM	4.50	4.98
	Mid	64QAM	4.50	4.97
	High	QPSK	4.51	5.06
	High	16QAM	4.50	4.98
	High	64QAM	4.50	4.95
10	Low	QPSK	8.99	9.86
	Low	16QAM	8.98	9.82
	Low	64QAM	8.98	9.88
	Mid	QPSK	8.98	9.87
	Mid	16QAM	8.96	9.79
	Mid	64QAM	8.98	9.85
	High	QPSK	8.99	9.88
	High	16QAM	8.95	9.74
	High	64QAM	8.99	9.85



15	Low	QPSK	13.46	14.68
	Low	16QAM	13.46	14.66
	Low	64QAM	13.45	14.64
	Mid	QPSK	13.45	14.78
	Mid	16QAM	13.47	14.78
	Mid	64QAM	13.43	14.75
	High	QPSK	13.47	14.71
	High	16QAM	13.46	14.70
	High	64QAM	13.45	14.78
20	Low	QPSK	17.88	19.41
	Low	16QAM	17.94	19.39
	Low	64QAM	17.95	19.38
	Mid	QPSK	17.93	19.50
	Mid	16QAM	17.97	19.51
	Mid	64QAM	17.98	19.48
	High	QPSK	17.94	19.49
	High	16QAM	17.98	19.57
	High	64QAM	17.96	19.65



LTE Band 71				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.49	4.99
	Low	16QAM	4.48	4.98
	Low	64QAM	4.49	4.97
	Mid	QPSK	4.51	5.04
	Mid	16QAM	4.51	4.99
	Mid	64QAM	4.51	5.02
	High	QPSK	4.52	5.01
	High	16QAM	4.49	4.99
	High	64QAM	4.51	4.98
10	Low	QPSK	8.97	9.75
	Low	16QAM	8.94	9.79
	Low	64QAM	8.94	9.83
	Mid	QPSK	8.99	9.89
	Mid	16QAM	8.98	9.89
	Mid	64QAM	9.00	10.13
	High	QPSK	9.01	10.07
	High	16QAM	8.96	9.78
	High	64QAM	8.99	10.27
15	Low	QPSK	13.45	14.61
	Low	16QAM	13.43	14.64
	Low	64QAM	13.42	14.64
	Mid	QPSK	13.49	14.70
	Mid	16QAM	13.49	14.90
	Mid	64QAM	13.48	14.80
	High	QPSK	13.45	14.66
	High	16QAM	13.44	14.67
	High	64QAM	13.41	14.70
20	Low	QPSK	17.90	19.34
	Low	16QAM	17.89	19.40
	Low	64QAM	17.88	19.48
	Mid	QPSK	17.87	19.47
	Mid	16QAM	17.89	19.34
	Mid	64QAM	17.90	19.57
	High	QPSK	17.86	19.37
	High	16QAM	17.89	19.43
	High	64QAM	17.85	19.29



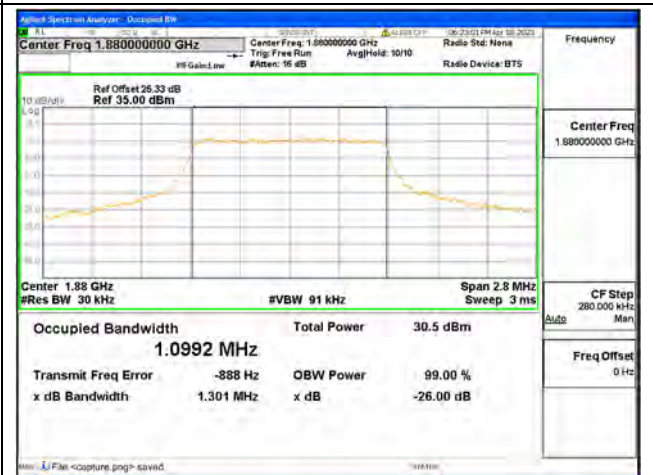
Band2 / 1.4MHz / QPSK/ Low CH



Band2 / 1.4MHz / 16QAM/ Low CH



Band2 / 1.4MHz / 64QAM/ Low CH



Band2 / 1.4MHz / QPSK/ Mid CH



Band2 / 1.4MHz / 16QAM/ Mid CH



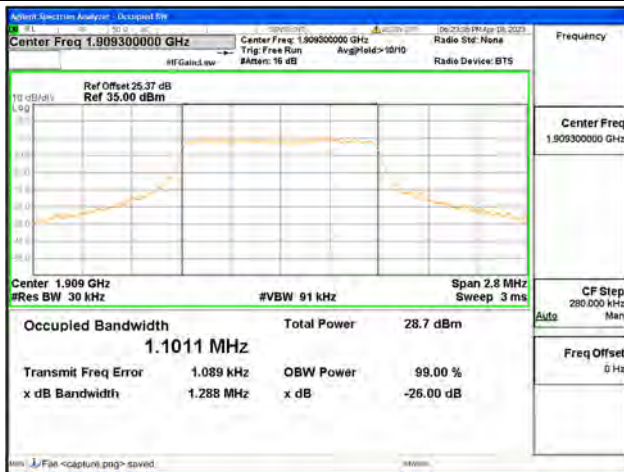
Band2 / 1.4MHz / 64QAM/ Mid CH



Band2 / 1.4MHz / QPSK/ High CH



Band2 / 1.4MHz / 16QAM/ High CH



Band2 / 1.4MHz / 64QAM/ High CH



Band2 / 3MHz / QPSK/ Low CH



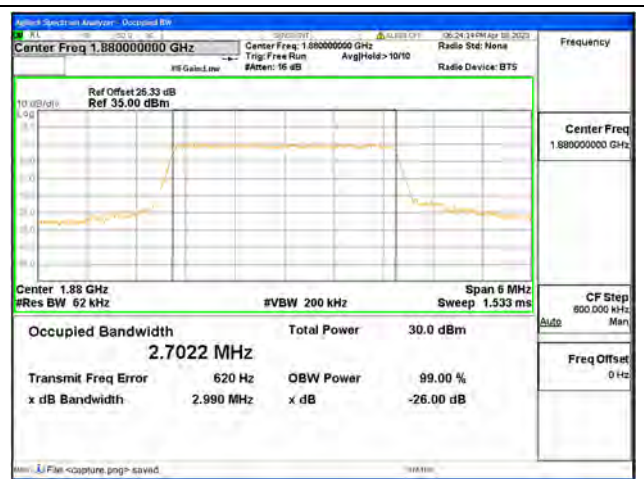
Band2 / 3MHz / 16QAM/ Low CH



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



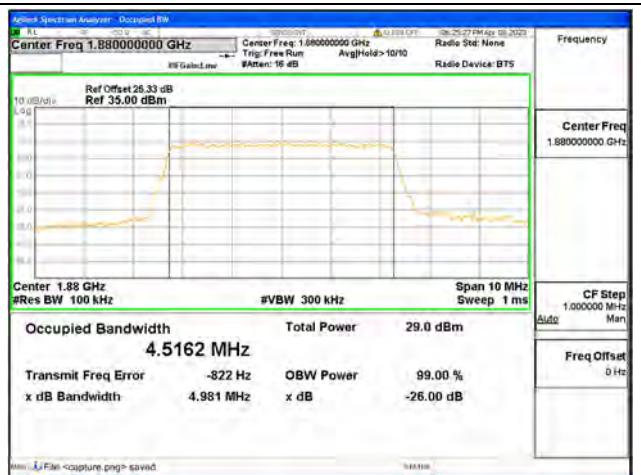
Band2 / 5MHz / 64QAM/ Low CH



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



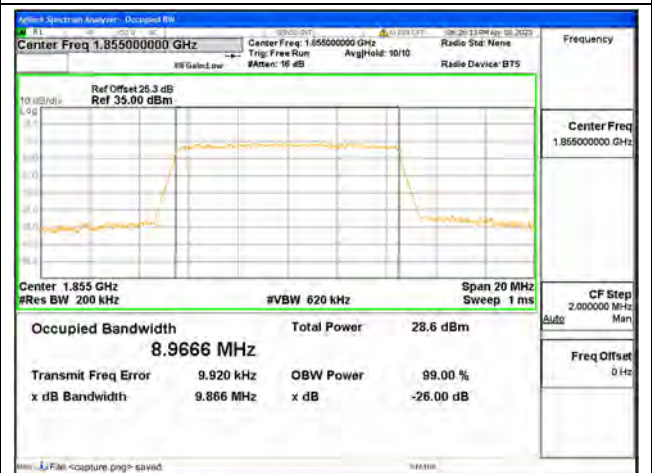
Band2 / 5MHz / 64QAM / High CH



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



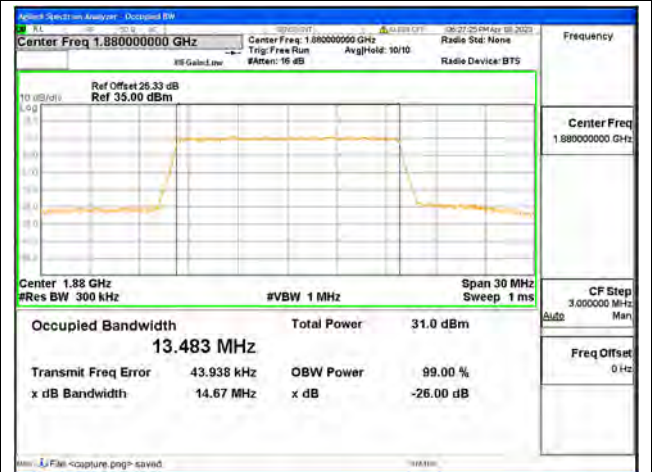
Band2 / 15MHz / QPSK/ Low CH



Band2 / 15MHz / 16QAM/ Low CH



Band2 / 15MHz / 64QAM/ Low CH



Band2 / 15MHz / QPSK/ Mid CH



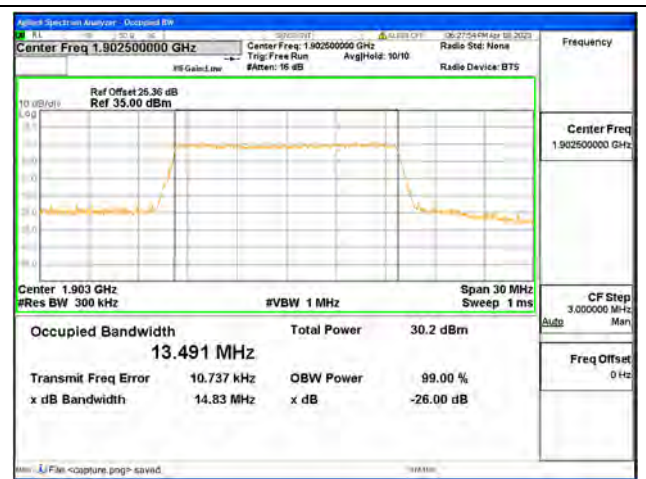
Band2 / 15MHz / 16QAM/ Mid CH



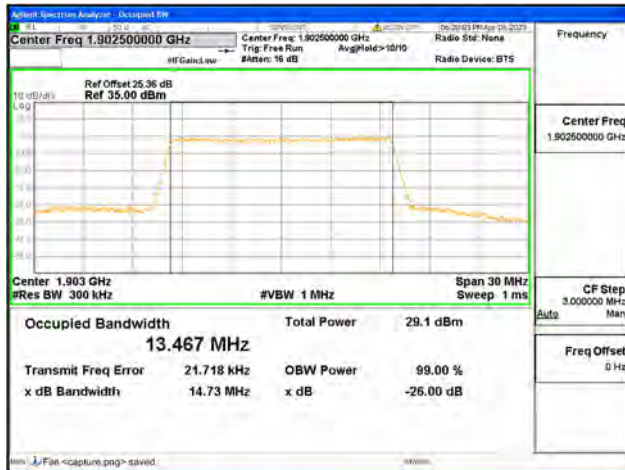
Band2 / 15MHz / 64QAM/ Mid CH



Band2 / 15MHz / QPSK/ High CH



Band2 / 15MHz / 16QAM/ High CH



Band2 / 15MHz / 64QAM/ High CH



Band2 / 20MHz / QPSK/ Low CH



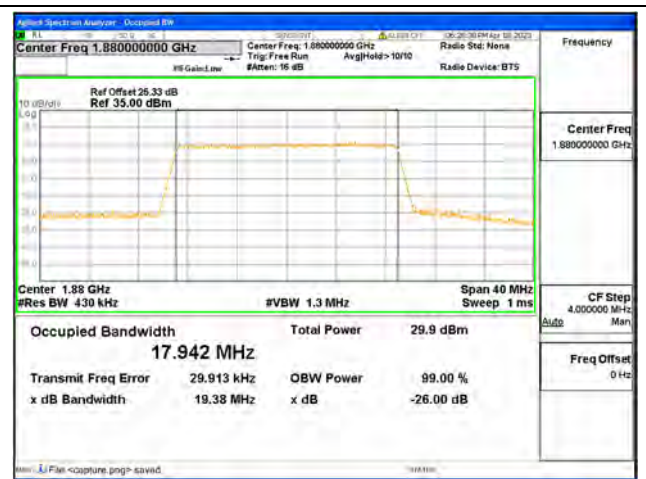
Band2 / 20MHz / 16QAM/ Low CH



Band2 / 20MHz / 64QAM/ Low CH



Band2 / 20MHz / QPSK/ Mid CH



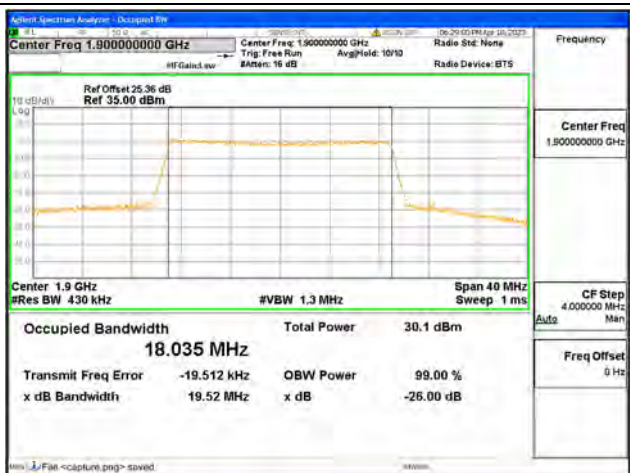
Band2 / 20MHz / 16QAM/ Mid CH



Band2 / 20MHz / 64QAM/ Mid CH



Band2 / 20MHz / QPSK/ High CH



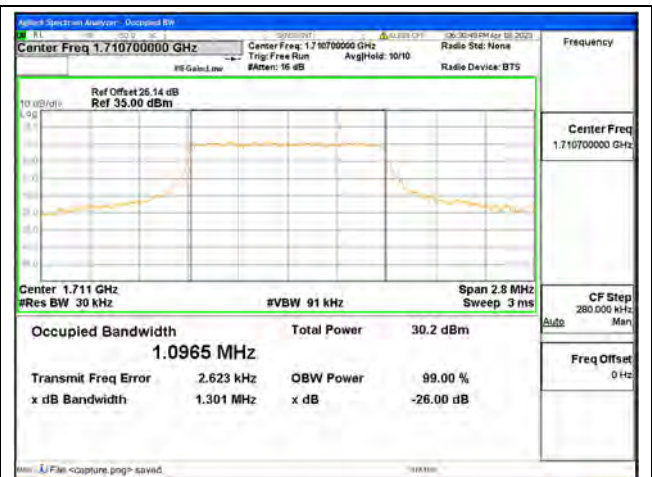
Band2 / 20MHz / 16QAM/ High CH



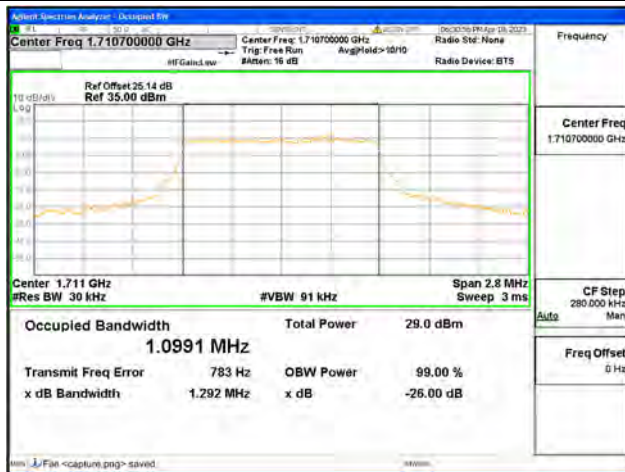
Band2 / 20MHz / 64QAM/ High CH



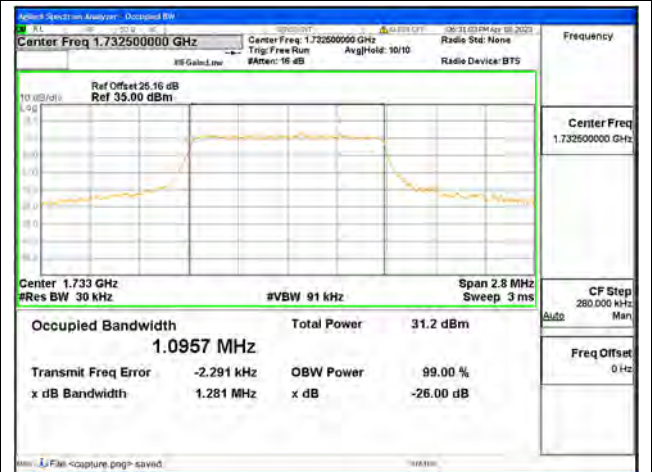
Band4 / 1.4MHz / QPSK/ Low CH



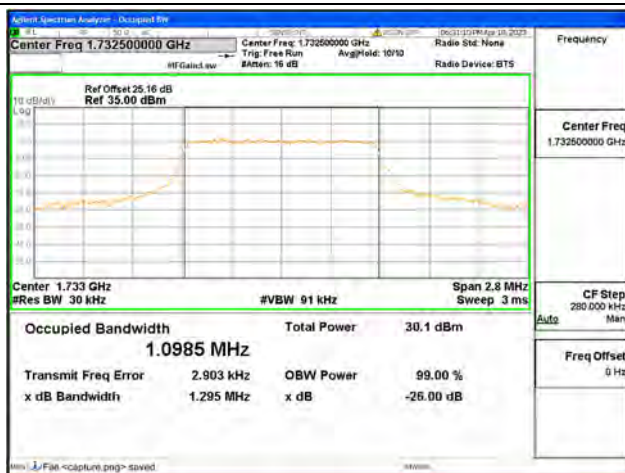
Band4 / 1.4MHz / 16QAM/ Low CH



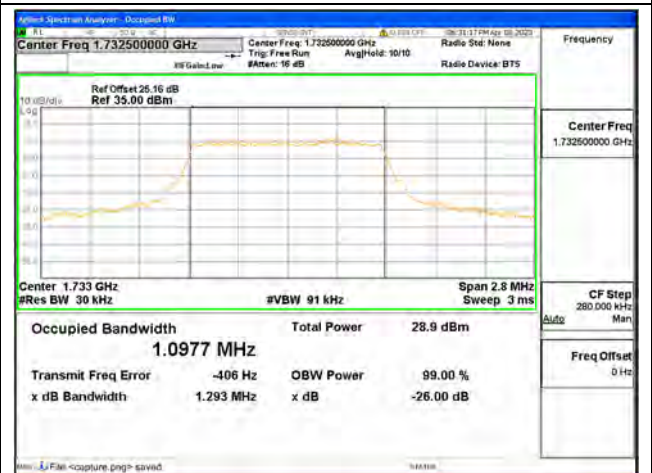
Band4 / 1.4MHz / 64QAM/ Low CH



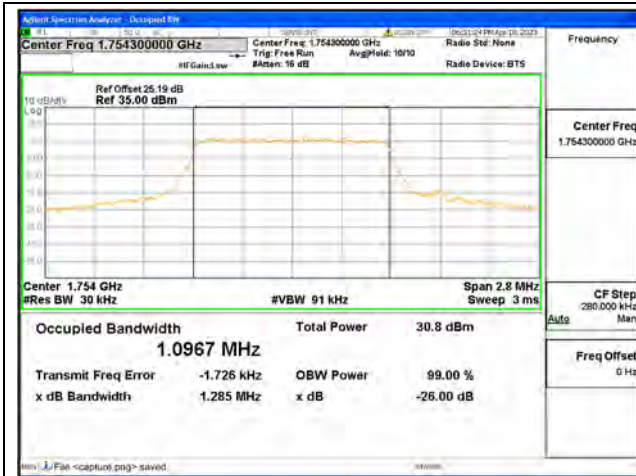
Band4 / 1.4MHz / QPSK/ Mid CH



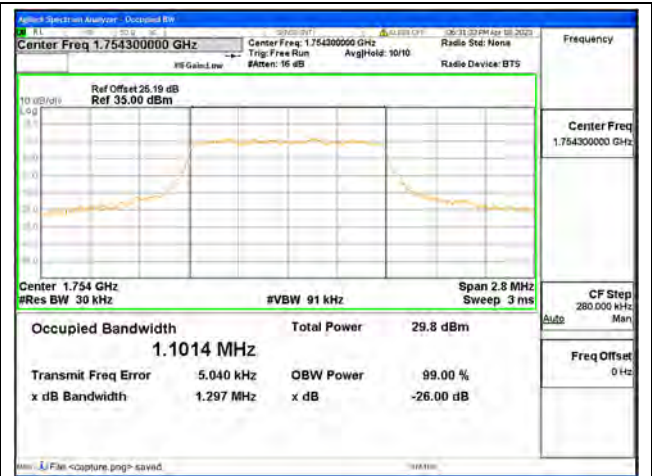
Band4 / 1.4MHz / 16QAM/ Mid CH



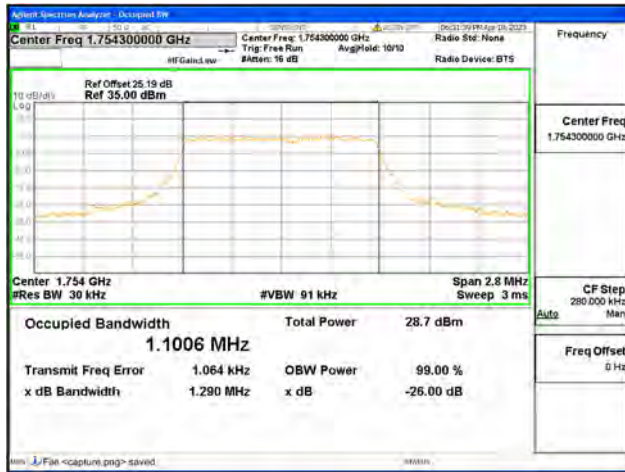
Band4 / 1.4MHz / 64QAM/ Mid CH



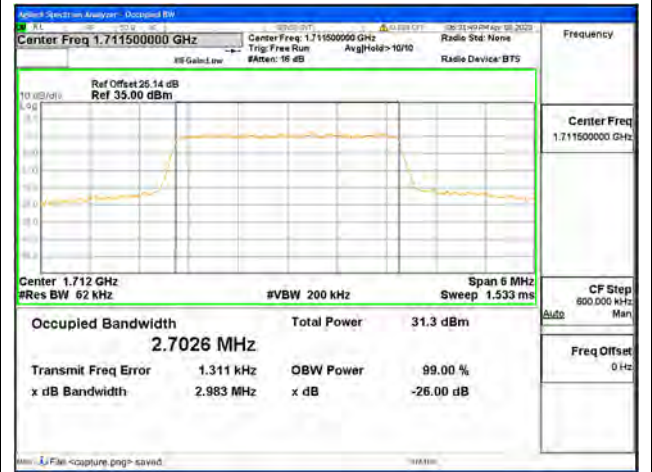
Band4 / 1.4MHz / QPSK/ High CH



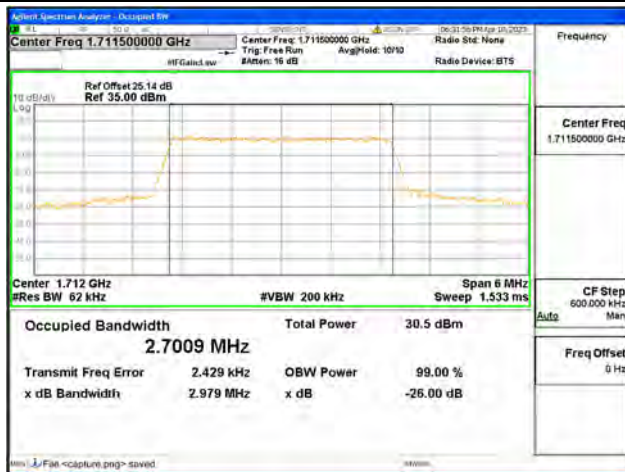
Band4 / 1.4MHz / 16QAM/ High CH



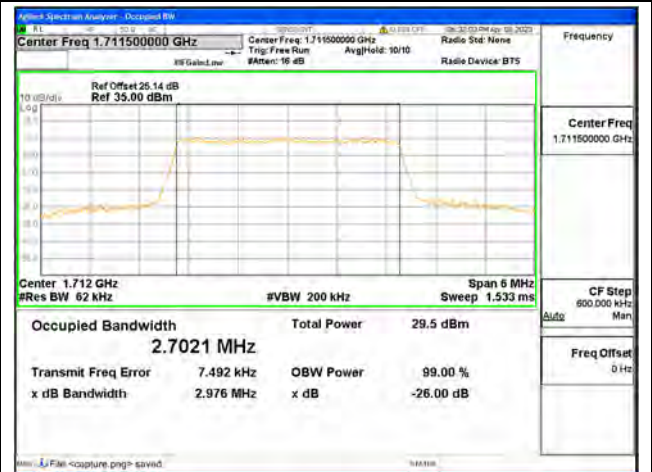
Band4 / 1.4MHz / 64QAM/ High CH



Band4 / 3MHz / QPSK/ Low CH



Band4 / 3MHz / 16QAM/ Low CH



Band4 / 3MHz / 64QAM/ Low CH



Band4 / 3MHz / QPSK/ Mid CH



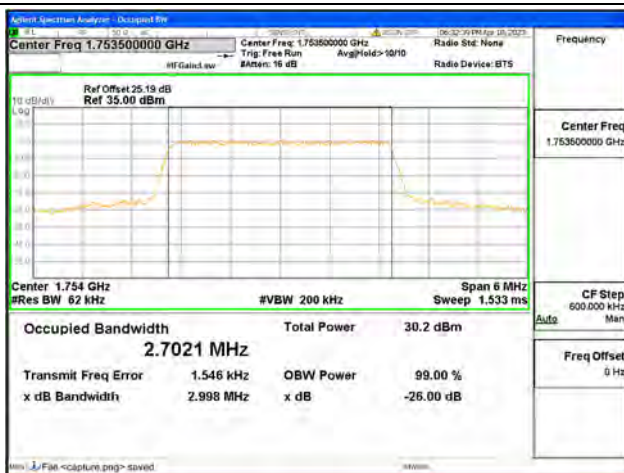
Band4 / 3MHz / 16QAM/ Mid CH



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



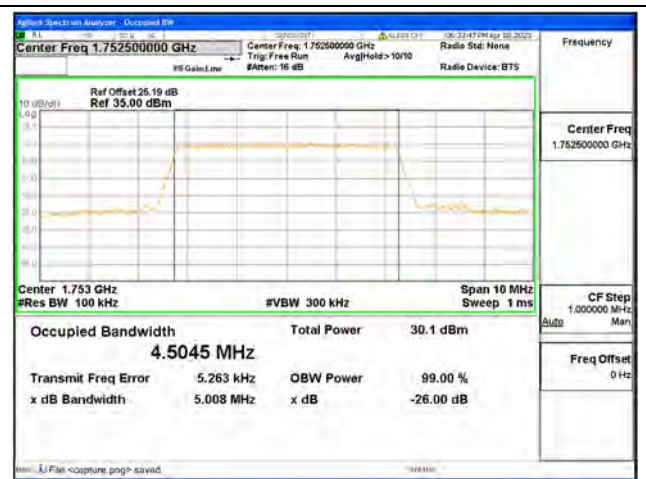
Band4 / 5MHz / 16QAM/ Mid CH



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



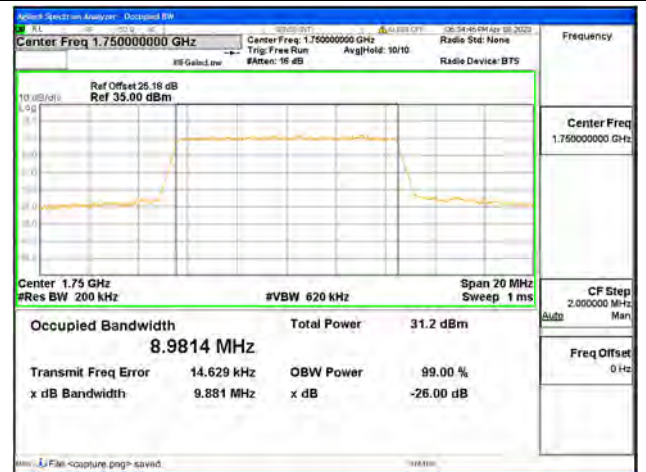
Band4 / 10MHz / QPSK/ Mid CH



Band4 / 10MHz / 16QAM/ Mid CH



Band4 / 10MHz / 64QAM/ Mid CH



Band4 / 10MHz / QPSK/ High CH



Band4 / 10MHz / 16QAM/ High CH



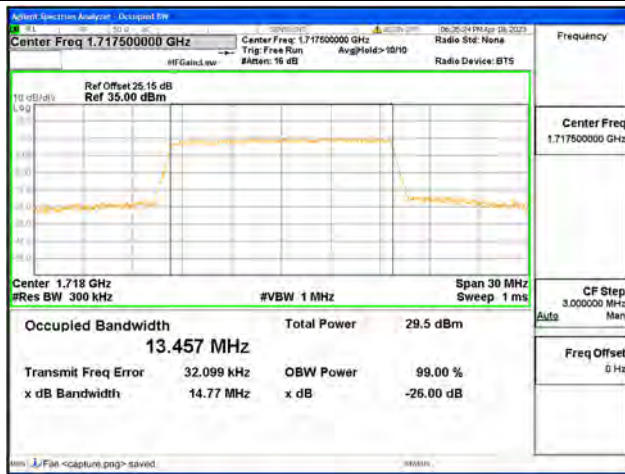
Band4 / 10MHz / 64QAM/ High CH



Band4 / 15MHz / QPSK/ Low CH



Band4 / 15MHz / 16QAM/ Low CH



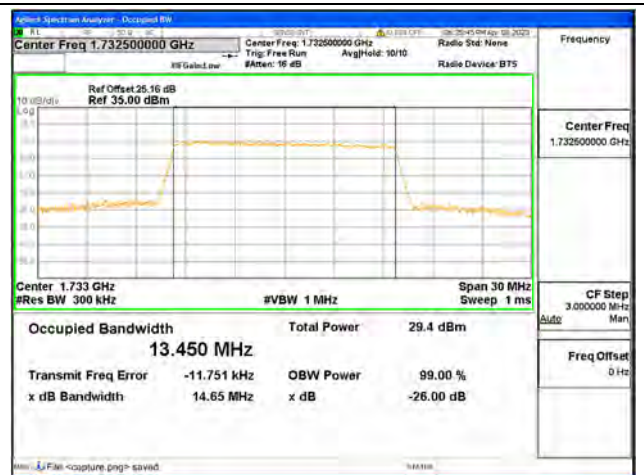
Band4 / 15MHz / 64QAM/ Low CH



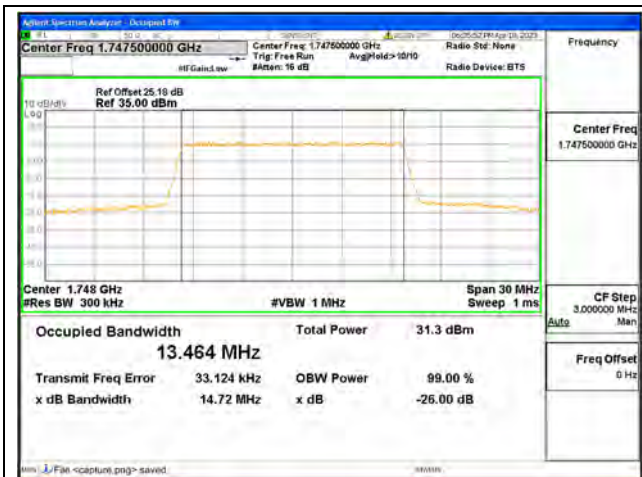
Band4 / 15MHz / QPSK/ Mid CH



Band4 / 15MHz / 16QAM/ Mid CH



Band4 / 15MHz / 64QAM/ Mid CH



Band4 / 15MHz / QPSK/ High CH



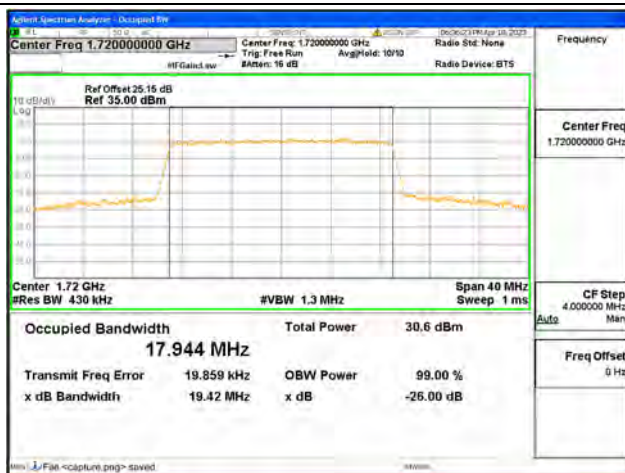
Band4 / 15MHz / 16QAM/ High CH



Band4 / 15MHz / 64QAM/ High CH



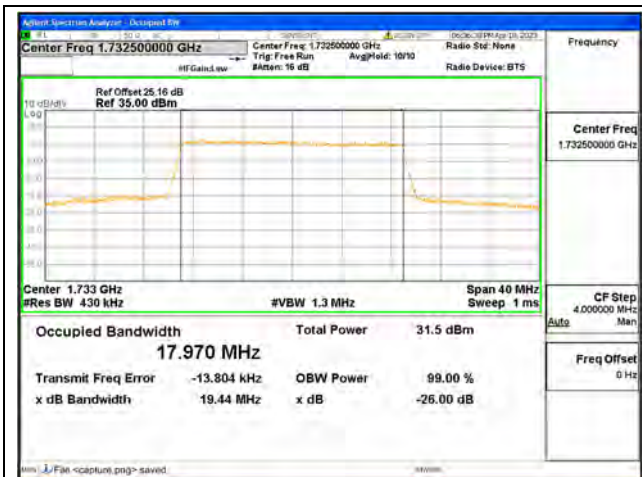
Band4 / 20MHz / QPSK/ Low CH



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



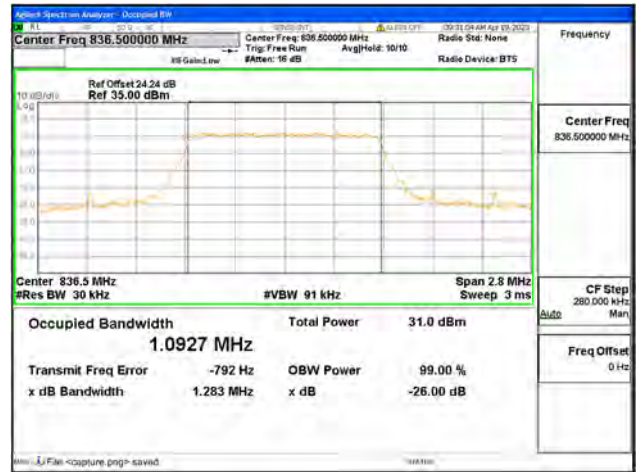
Band5 / 1.4MHz / QPSK/ Low CH



Band5 / 1.4MHz / 16QAM/ Low CH



Band5 / 1.4MHz / 64QAM/ Low CH



Band5 / 1.4MHz / QPSK/ Mid CH



Band5 / 1.4MHz / 16QAM/ Mid CH



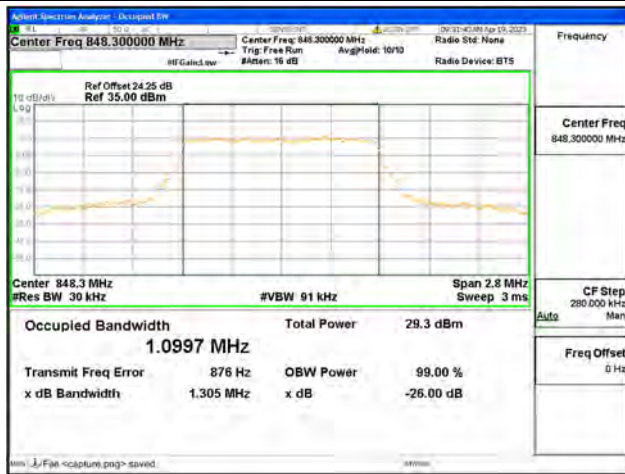
Band5 / 1.4MHz / 64QAM/ Mid CH



Band5 / 1.4MHz / QPSK/ High CH



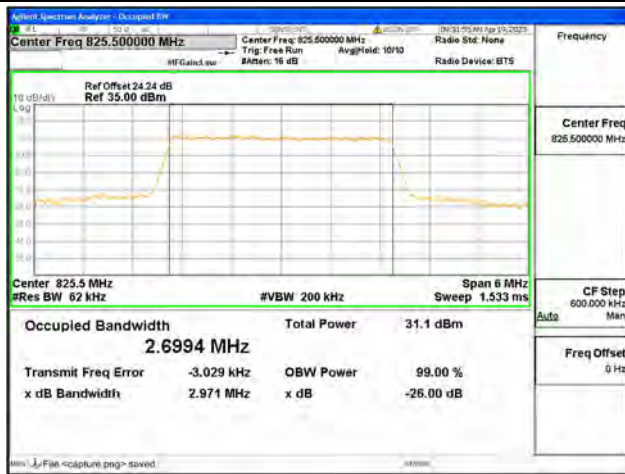
Band5 / 1.4MHz / 16QAM/ High CH



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



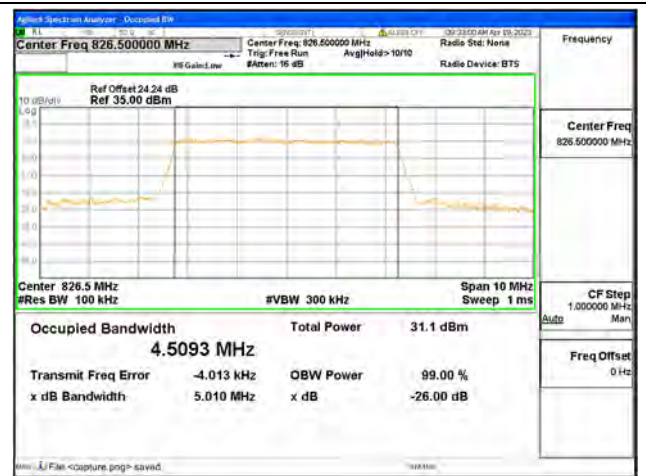
Band5 / 3MHz / 16QAM/ High CH



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



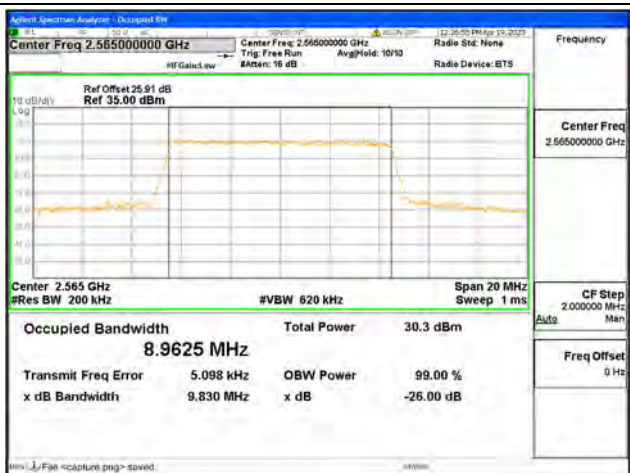
Band7 / 10MHz / 16QAM/ Mid CH



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



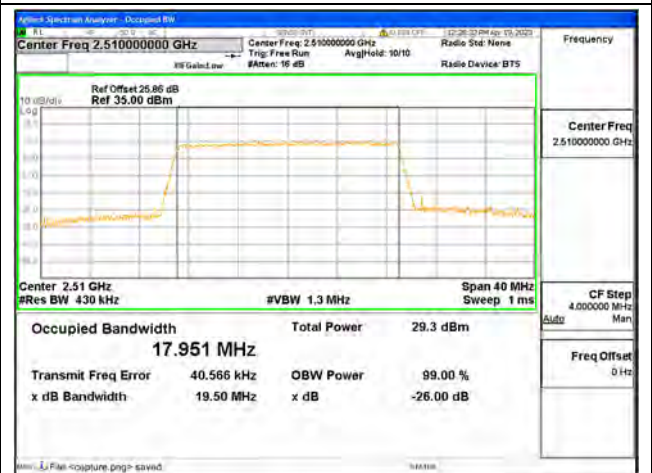
Band7 / 15MHz / 64QAM/ High CH



Band7 / 20MHz / QPSK/ Low CH



Band7 / 20MHz / 16QAM/ Low CH



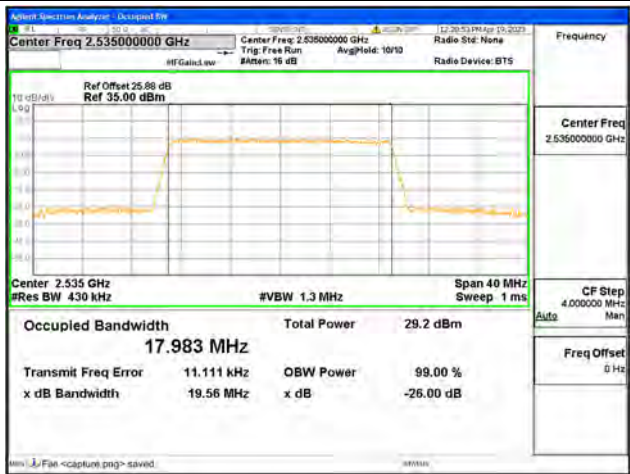
Band7 / 20MHz / 64QAM/ Low CH



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



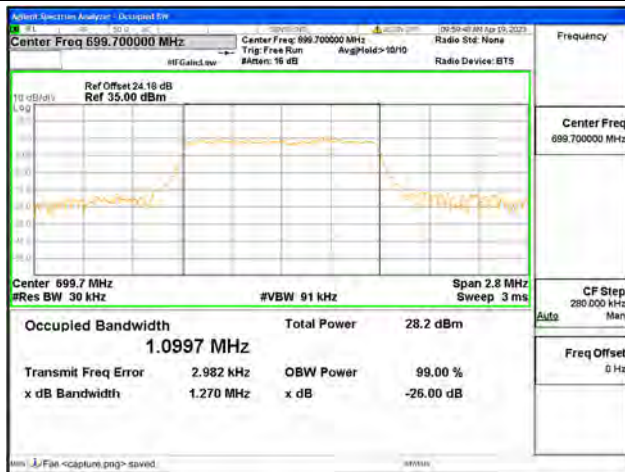
Band7 / 20MHz / 64QAM/ High CH



Band12 / 1.4MHz / QPSK/ Low CH



Band12 / 1.4MHz / 16QAM/ Low CH



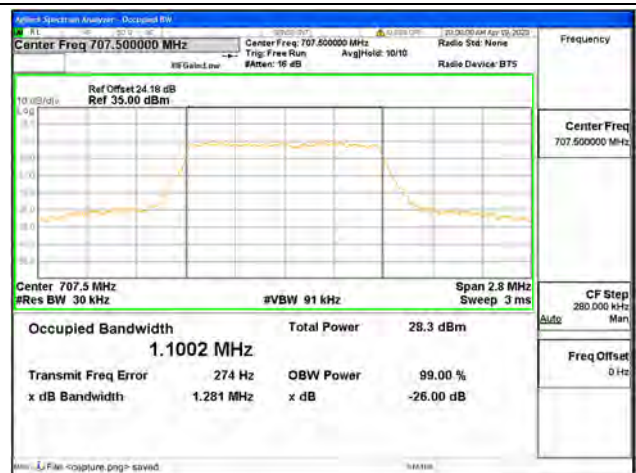
Band12 / 1.4MHz / 64QAM/ Low CH



Band12 / 1.4MHz / QPSK/ Mid CH



Band12 / 1.4MHz / 16QAM/ Mid CH



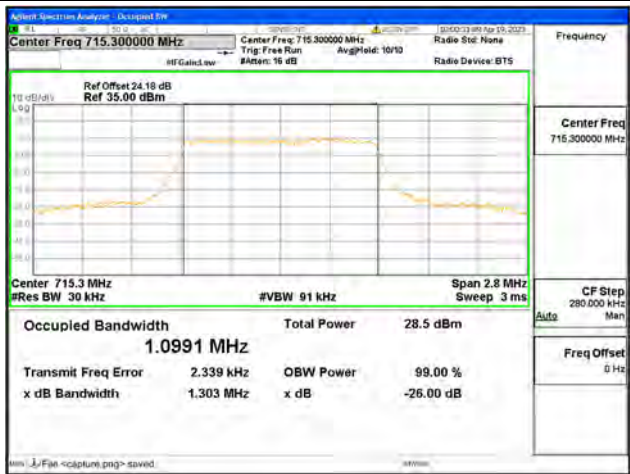
Band12 / 1.4MHz / 64QAM/ Mid CH



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



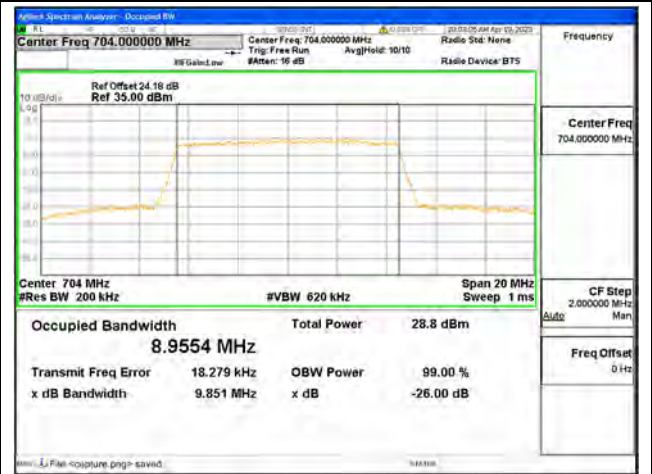
Band12 / 5MHz / 64QAM/ High CH



Band12 / 10MHz / QPSK/ Low CH



Band12 / 10MHz / 16QAM/ Low CH



Band12 / 10MHz / 64QAM/ Low CH



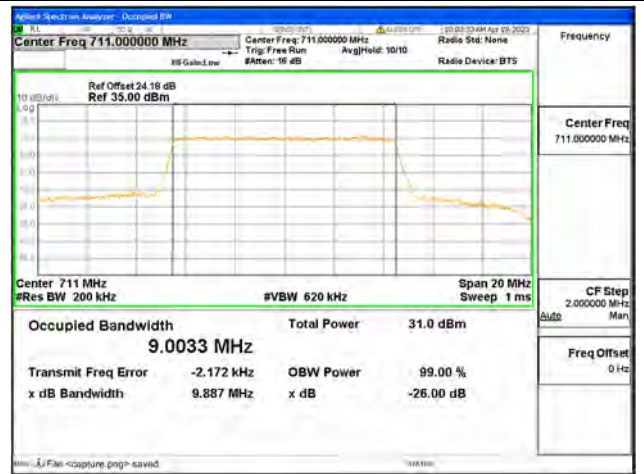
Band12 / 10MHz / QPSK/ Mid CH



Band12 / 10MHz / 16QAM/ Mid CH



Band12 / 10MHz / 64QAM/ Mid CH



Band12 / 10MHz / QPSK/ High CH



Band12 / 10MHz / 16QAM/ High CH



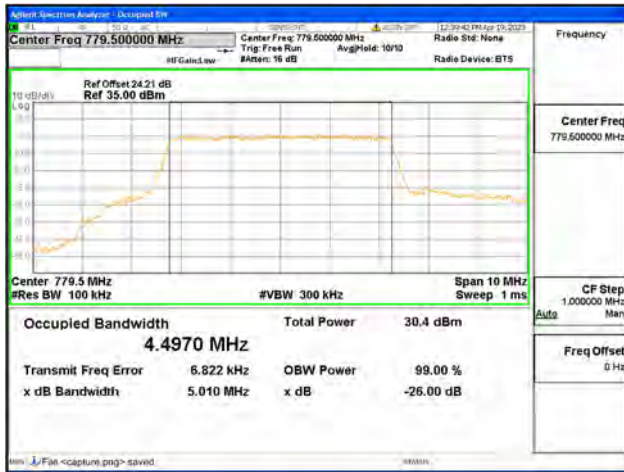
Band12 / 10MHz / 64QAM/ High CH



Band13 / 5MHz / QPSK/ Low CH



Band13 / 5MHz / 16QAM/ Low CH



Band13 / 5MHz / 64QAM/ Low CH



Band13 / 5MHz / QPSK/ Mid CH



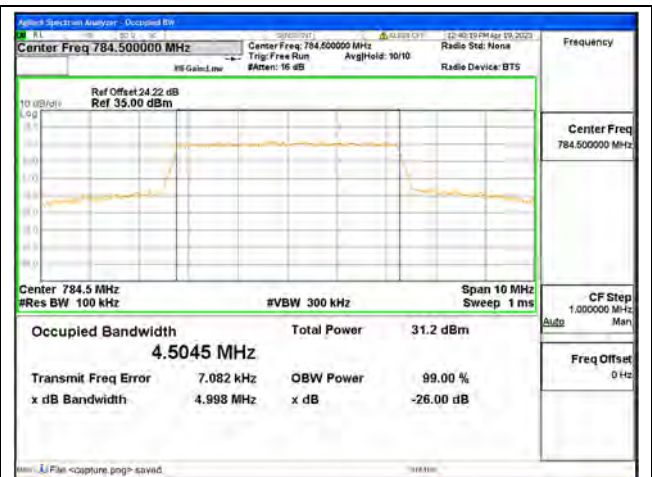
Band13 / 5MHz / 16QAM/ Mid CH



Band13 / 5MHz / 64QAM/ Mid CH



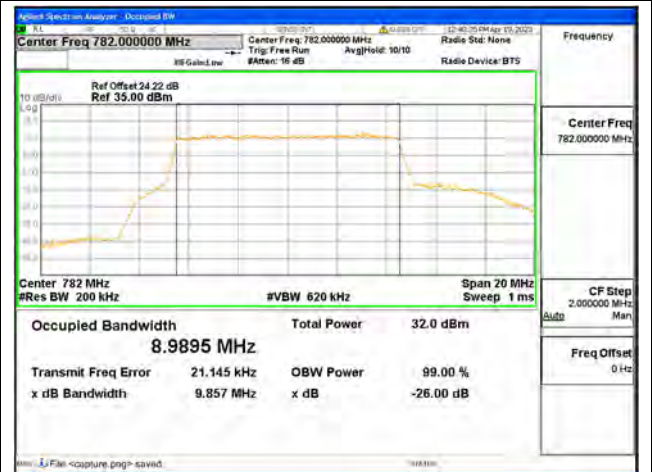
Band13 / 5MHz / QPSK/ High CH



Band13 / 5MHz / 16QAM/ High CH



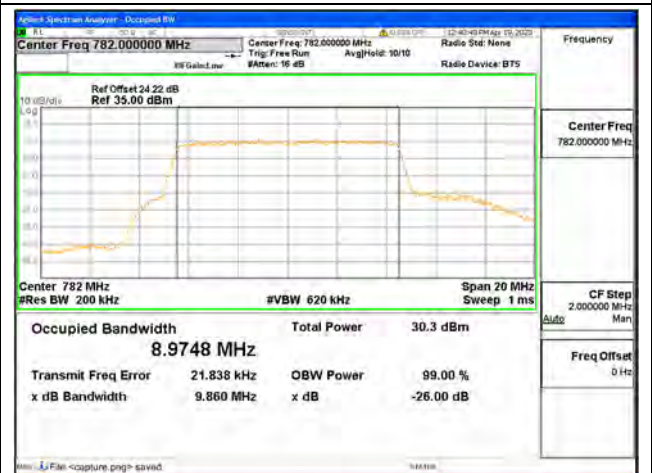
Band13 / 5MHz / 64QAM/ High CH



Band13 / 10MHz / QPSK/ Mid CH



Band13 / 10MHz / 16QAM/ Mid CH



Band13 / 10MHz / 64QAM/ Mid CH



Band17 / 5MHz / QPSK/ Low CH



Band17 / 5MHz / 16QAM/ Low CH



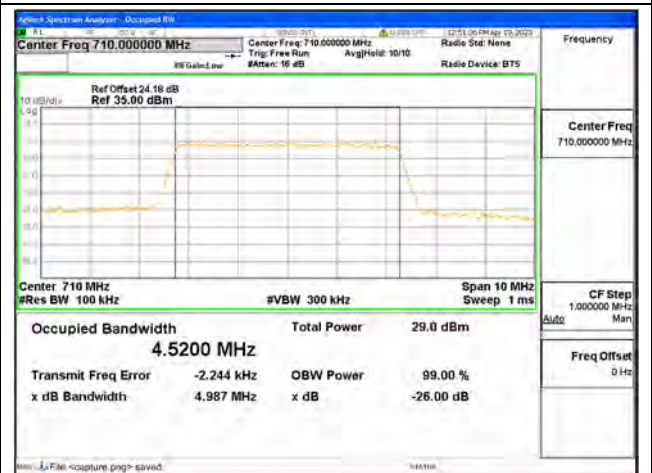
Band17 / 5MHz / 64QAM/ Low CH



Band17 / 5MHz / QPSK/ Mid CH



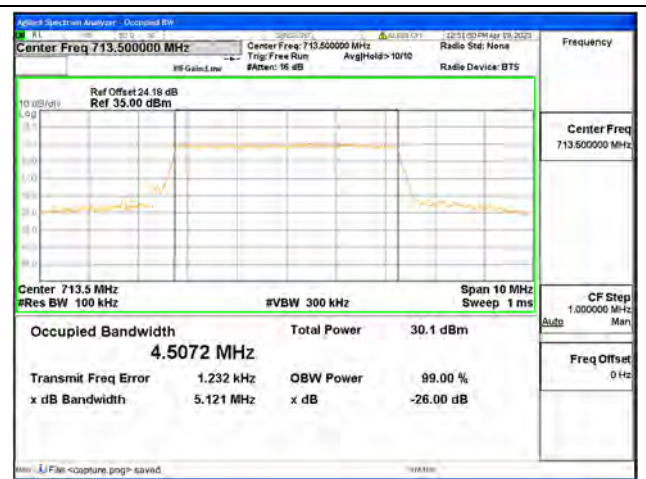
Band17 / 5MHz / 16QAM/ Mid CH



Band17 / 5MHz / 64QAM/ Mid CH



Band17 / 5MHz / QPSK/ High CH



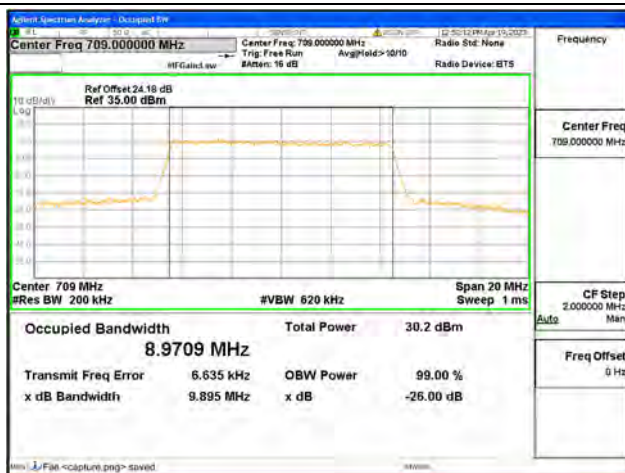
Band17 / 5MHz / 16QAM/ High CH



Band17 / 5MHz / 64QAM/ High CH



Band17 / 10MHz / QPSK/ Low CH



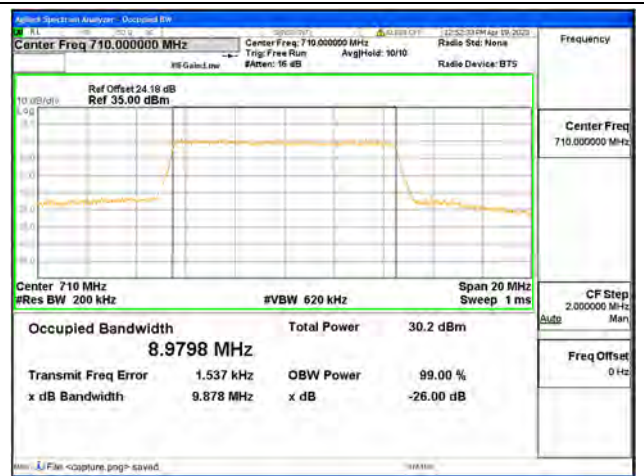
Band17 / 10MHz / 16QAM/ Low CH



Band17 / 10MHz / 64QAM/ Low CH



Band17 / 10MHz / QPSK/ Mid CH



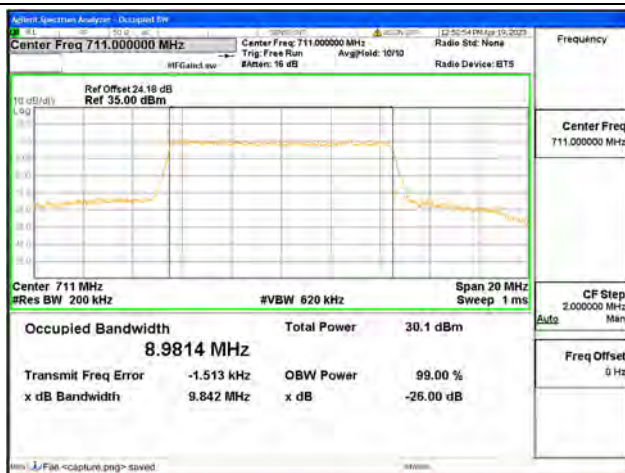
Band17 / 10MHz / 16QAM/ Mid CH



Band17 / 10MHz / 64QAM/ Mid CH



Band17 / 10MHz / QPSK/ High CH



Band17 / 10MHz / 16QAM/ High CH



Band17 / 10MHz / 64QAM/ High CH