



REPORT No. : SZ23040221W02

TEST REPORT

APPLICANT : BLU Products, Inc.

PRODUCT NAME : Tablet

MODEL NAME : M10L

BRAND NAME : BLU

FCC ID : YHLBLUM10LUU

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

RECEIPT DATE : 2023-04-26

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Edited by:

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Change History		
Version	Date	Reason for change
1.0	2023-05-29	First edition



1. Technical Information

Note: Provide by applicant.

1.1. Applicant and Manufacturer Information

Applicant:	BLU Products, Inc.
Applicant Address:	8600 NW 36th Street, Suite #200 Doral, FL 33166, USA
Manufacturer:	BLU Products, Inc.
Manufacturer Address:	8600 NW 36th Street, Suite #200 Doral, FL 33166, USA

1.2. Equipment Under Test (EUT) Description

Product Name:	Tablet	
Sample No.:	2#	
Hardware Version:	AD159M40-C10	
Software Version:	AD159_40C_20230420_0539	
Modulation Type:	QPSK, 16QAM, 64QAM	
Operation Band:	Band 2 / 4 / 5 / 7 / 12 / 17 / 25 / 26 / 41 / 66 / 71	
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 17	Tx: 704MHz - 716MHz
		Rx: 734MHz – 746MHz
	LTE Band 25	Tx: 1850MHz–1915MHz
		Rx: 1930MHz–1995MHz
	LTE Band 26	Tx: 824MHz–849MHz
		Rx: 869MHz–894MHz



Frequency Range:	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	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
	LTE Band 4	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
	LTE Band 5	1.4MHz, 3MHz, 5MHz, 10MHz
	LTE Band 7	5 MHz, 10MHz, 15 MHz, 20 MHz
	LTE Band 12	1.4MHz, 3 MHz, 5 MHz, 10MHz
	LTE Band 17	5 MHz, 10MHz
	LTE Band 25	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
	LTE Band 26	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz
	LTE Band 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	0.60dBi
	LTE Band 4	0.40dBi
	LTE Band 5	-1.20dBi
	LTE Band 7	0.70dBi
	LTE Band 12	-1.50dBi
	LTE Band 17	-1.50dBi
	LTE Band 25	0.60dBi
	LTE Band 26	-1.20dBi
	LTE Band 41	0.90dBi
	LTE Band 66	0.40dBi
	LTE Band 71	-1.60dBi



Accessory Information:	Battery	
	Brand Name:	BLU
	Model No.:	C1279929500P
	Serial No.:	N/A
	Capacity:	5000mAh
	Rated Voltage:	3.8V
	Charge Limit:	4.35V
	Manufacturer:	SHENZHEN JIAYUANTONGDA TECHNOLOGY CO.,LTD
	AC Adapter	
	Brand Name:	BLU
	Model No.:	US-WW-2000
	Serial No.:	N/A
	Rated Output:	5.0V $\pm$ 2000mA
	Rated Input:	100-240V $\sim$ 50/60Hz, 0.4A
	Manufacturer:	ShenZhen Nanbang Electronics Co., LTD

Note 1: For a more detailed description, please refer to Specification or User's Manual supplied by the applicant and/or manufacturer.



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

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	0.242	0.202	0.169	18M0G7D	18M0W7D	18M0W7D
15	0.239	0.200	0.167	13M5G7D	13M5W7D	13M5W7D
10	0.238	0.199	0.167	9M00G7D	8M97W7D	8M98W7D
5	0.236	0.198	0.165	4M50G7D	4M50W7D	4M50W7D
3	0.236	0.196	0.165	2M69G7D	2M69W7D	2M70W7D
1.4	0.236	0.196	0.165	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	0.227	0.191	0.159	18M0G7D	18M0W7D	18M0W7D
15	0.225	0.189	0.157	13M5G7D	13M5W7D	13M5W7D
10	0.224	0.190	0.157	9M00G7D	8M97W7D	8M99W7D
5	0.220	0.187	0.155	4M50G7D	4M50W7D	4M50W7D
3	0.221	0.188	0.155	2M70G7D	2M70W7D	2M70W7D
1.4	0.219	0.187	0.154	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	0.104	0.086	0.074	9M00G7D	8M97W7D	8M99W7D
5	0.103	0.084	0.073	4M50G7D	4M51W7D	4M51W7D
3	0.102	0.085	0.073	2M69G7D	2M70W7D	2M70W7D
1.4	0.102	0.085	0.073	1M10G7D	1M10W7D	1M10W7D
LTE Band 7	Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20	0.232	0.193	0.164	18M0G7D	18M0W7D	18M0W7D
15	0.231	0.189	0.163	13M5G7D	13M5W7D	13M5W7D
10	0.230	0.189	0.163	9M01G7D	8M97W7D	8M98W7D
5	0.229	0.187	0.161	4M50G7D	4M51W7D	4M50W7D
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	0.090	0.074	0.058	9M02G7D	9M00W7D	9M02W7D
5	0.089	0.073	0.057	4M53G7D	4M52W7D	4M53W7D
3	0.087	0.072	0.056	2M70G7D	2M69W7D	2M70W7D
1.4	0.086	0.072	0.055	1M10G7D	1M10W7D	1M10W7D



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		0.088	0.074	0.057	9M03G7D	8M98W7D	9M01W7D
5		0.086	0.072	0.056	4M52G7D	4M51W7D	4M54W7D
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		0.244	0.201	0.166	18M0G7D	18M0W7D	18M0W7D
15		0.240	0.197	0.163	13M5G7D	13M5W7D	13M5W7D
10		0.238	0.195	0.162	9M04G7D	8M98W7D	9M00W7D
5		0.237	0.194	0.161	4M52G7D	4M52W7D	4M53W7D
3		0.235	0.193	0.160	2M69G7D	2M69W7D	2M70W7D
1.4		0.234	0.192	0.159	1M09G7D	1M10W7D	1M10W7D
LTE Band 26		Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
15		0.101	0.083	0.067	13M5G7D	13M5W7D	13M5W7D
10		0.100	0.083	0.067	8M99G7D	8M97W7D	8M98W7D
5		0.099	0.082	0.066	4M50G7D	4M50W7D	4M51W7D
3		0.098	0.081	0.065	2M69G7D	2M69W7D	2M70W7D
1.4		0.097	0.080	0.065	1M10G7D	1M10W7D	1M10W7D
LTE Band 66		Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20		0.234	0.197	0.164	18M0G7D	18M0W7D	18M0W7D
15		0.231	0.194	0.163	13M5G7D	13M5W7D	13M5W7D
10		0.231	0.194	0.161	9M02G7D	8M99W7D	9M00W7D
5		0.230	0.192	0.159	4M52G7D	4M52W7D	4M53W7D
3		0.229	0.192	0.160	2M69G7D	2M69W7D	2M70W7D
1.4		0.228	0.191	0.159	1M10G7D	1M10W7D	1M10W7D
LTE Band 71		Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20		0.083	0.070	0.062	18M0G7D	18M0W7D	18M0W7D
15		0.082	0.069	0.061	13M5G7D	13M5W7D	13M5W7D
10		0.081	0.068	0.060	9M03G7D	9M00W7D	9M00W7D
5		0.081	0.068	0.061	4M52G7D	4M53W7D	4M55W7D



LTE Band 41	Maximum E.R.P./E.I.R.P. (W)					
	Power Class 2			Power Class 3		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20	0.547	0.448	0.375	0.218	0.177	0.145
15	0.540	0.441	0.371	0.215	0.175	0.144
10	0.531	0.439	0.369	0.213	0.173	0.143
5	0.526	0.435	0.366	0.211	0.172	0.143
LTE Band 41	Emission Designator (99%OBW)					
BW(MHz)	QPSK		16QAM		64QAM	
5	4M52G7D		4M52W7D		4M52W7D	
10	8M99G7D		9M00W7D		9M01W7D	
15	13M5G7D		13M5W7D		13M5W7D	
20	18M0G7D		18M0W7D		18M0W7D	



1.4. Test Standards and Results

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

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

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

Section	Description	Test Date	Test Engineer	Result	Method Determination /Remark
2.1046 22.913(a)(2) 24.232(c) 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.	May. 04, 2023	Chen Hao Li Huaijie	PASS	No deviation
2.1049	Occupied Bandwidth	May. 04, 2023	Li Huaijie	PASS	No deviation
2.1055 22.355 24.235 27.54	Frequency Stability	May. 04, 2023	Li Huaijie	PASS	No deviation
24.232(d), 27.50(d)(5)	Peak to Average Radio	May. 04, 2023	Li Huaijie	PASS	No deviation
2.1051 22.917(a) 24.238(a) 27.53(c)(2) 27.53(g) 27.53(h) 27.53(m)(4)	Conducted Spurious Emissions	May. 04, 2023	Li Huaijie	PASS	No deviation
2.1051 22.917(a)	Band Edge	May. 04, 2023	Li Huaijie	PASS	No deviation



24.238(a) 27.53(c)(2) 27.53(g) 27.53(h) 27.53(m)(4)					
2.1053 22.917(a) 24.238(a) 27.53(c)(2) 27.53(g) 27.53(h) 27.53(m)(4)	Radiated Spurious Emissions	May. 18, 2023	Su Zhan	PASS	No deviation
Note 1: The tests were performed according to the method of measurements prescribed in KDB971168 D01 v03 and ANSI/TIA-603-E-2016. Note 2: The path loss during the RF test is calibrated to correct the results by the offset setting in the test equipments. The ref offset 24.5dB contains two parts that cable loss 14.5dB and Attenuator 10dB. Note 3: Additions to, deviation, or exclusions from the method shall be judged in the "method determination" column of add, deviate or exclude from the specific method shall be explained in the "Remark" of the above table. Note 4: When the test result is a critical value, we will use the measurement uncertainty give the judgment result based on the 95% confidence intervals.					

1.5. Environmental Conditions

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

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



2.47 CFR Part 2, Part 22H, Part 24E, Part 27 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.

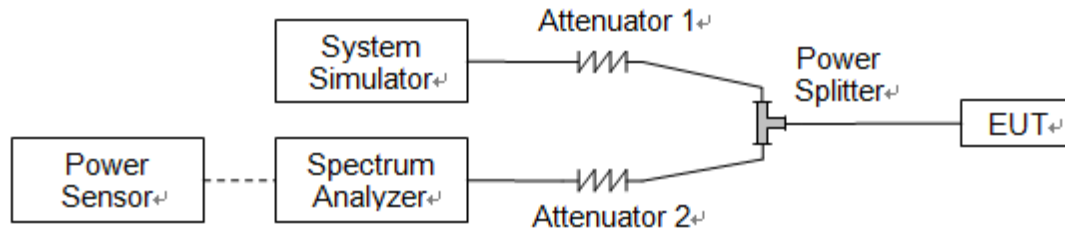
According to FCC section 22.913 (a)(2) for LTE Band 5/26, the E.R.P. of mobile transmitters and auxiliary test transmitters must not exceed 7 watts.

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.

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	23.19	23.24	23.19
20	QPSK	1	49	22.87	23.13	22.98
20	QPSK	1	99	22.77	22.94	22.86
20	QPSK	50	0	22.40	22.42	22.32
20	QPSK	50	24	22.25	22.29	22.38
20	QPSK	50	50	22.38	22.45	22.35
20	QPSK	100	0	22.28	22.47	22.40
20	16QAM	1	0	22.36	22.45	22.36
20	16QAM	1	49	22.19	22.42	22.29
20	16QAM	1	99	22.21	22.26	22.28
20	16QAM	50	0	21.68	21.74	21.70
20	16QAM	50	24	21.50	21.66	21.59
20	16QAM	50	50	21.50	21.65	21.51
20	16QAM	100	0	21.47	21.62	21.52
20	64QAM	1	0	21.52	21.64	21.68
20	64QAM	1	49	21.57	21.59	21.52
20	64QAM	1	99	21.47	21.50	21.50
20	64QAM	50	0	20.67	20.77	20.61
20	64QAM	50	24	20.64	20.58	20.46
20	64QAM	50	50	20.59	20.56	20.63
20	64QAM	100	0	20.59	20.62	20.48



LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18675	18900	19125
Frequency (MHz)				1857.5	1880	1902.5
15	QPSK	1	0	23.16	23.19	23.15
15	QPSK	1	37	22.84	23.10	22.95
15	QPSK	1	74	22.73	22.88	22.80
15	QPSK	36	0	22.35	22.36	22.25
15	QPSK	36	20	22.20	22.27	22.34
15	QPSK	36	39	22.34	22.42	22.30
15	QPSK	75	0	22.22	22.41	22.36
15	16QAM	1	0	22.29	22.41	22.30
15	16QAM	1	37	22.15	22.38	22.27
15	16QAM	1	74	22.17	22.22	22.22
15	16QAM	36	0	21.62	21.73	21.64
15	16QAM	36	20	21.41	21.65	21.56
15	16QAM	36	39	21.47	21.62	21.56
15	16QAM	75	0	21.38	21.55	21.44
15	64QAM	1	0	21.46	21.62	21.61
15	64QAM	1	37	21.52	21.53	21.46
15	64QAM	1	74	21.44	21.45	21.43
15	64QAM	36	0	20.61	20.72	20.58
15	64QAM	36	20	20.59	20.56	20.39
15	64QAM	36	39	20.55	20.51	20.60
15	64QAM	75	0	20.56	20.57	20.43



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	23.15	23.17	23.13
10	QPSK	1	25	22.84	23.08	22.95
10	QPSK	1	49	22.74	22.90	22.80
10	QPSK	25	0	22.33	22.37	22.30
10	QPSK	25	12	22.20	22.25	22.35
10	QPSK	25	25	22.31	22.43	22.30
10	QPSK	50	0	22.24	22.44	22.34
10	16QAM	1	0	22.29	22.39	22.32
10	16QAM	1	25	22.14	22.36	22.26
10	16QAM	1	49	22.19	22.23	22.25
10	16QAM	25	0	21.61	21.76	21.65
10	16QAM	25	12	21.37	21.65	21.55
10	16QAM	25	25	21.45	21.60	21.53
10	16QAM	50	0	21.39	21.55	21.47
10	64QAM	1	0	21.46	21.60	21.63
10	64QAM	1	25	21.52	21.56	21.47
10	64QAM	1	49	21.44	21.48	21.45
10	64QAM	25	0	20.65	20.71	20.59
10	64QAM	25	12	20.60	20.51	20.39
10	64QAM	25	25	20.56	20.50	20.58
10	64QAM	50	0	20.53	20.58	20.42



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	23.12	23.13	23.11
5	QPSK	1	12	22.79	23.05	22.91
5	QPSK	1	24	22.68	22.84	22.74
5	QPSK	12	0	22.30	22.31	22.23
5	QPSK	12	7	22.18	22.20	22.32
5	QPSK	12	13	22.26	22.38	22.26
5	QPSK	25	0	22.20	22.40	22.30
5	16QAM	1	0	22.23	22.36	22.28
5	16QAM	1	12	22.11	22.31	22.20
5	16QAM	1	24	22.15	22.20	22.22
5	16QAM	12	0	21.59	21.72	21.60
5	16QAM	12	7	21.41	21.64	21.49
5	16QAM	12	13	21.46	21.64	21.53
5	16QAM	25	0	21.38	21.50	21.48
5	64QAM	1	0	21.44	21.54	21.58
5	64QAM	1	12	21.47	21.52	21.44
5	64QAM	1	24	21.41	21.44	21.40
5	64QAM	12	0	20.62	20.68	20.53
5	64QAM	12	7	20.56	20.45	20.32
5	64QAM	12	13	20.53	20.47	20.54
5	64QAM	25	0	20.48	20.53	20.40



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	23.12	23.13	23.08
3	QPSK	1	8	22.78	23.03	22.92
3	QPSK	1	14	22.70	22.85	22.78
3	QPSK	8	0	22.30	22.31	22.27
3	QPSK	8	4	22.13	22.20	22.32
3	QPSK	8	7	22.29	22.37	22.26
3	QPSK	15	0	22.22	22.42	22.31
3	16QAM	1	0	22.23	22.33	22.26
3	16QAM	1	8	22.10	22.32	22.24
3	16QAM	1	14	22.12	22.20	22.19
3	16QAM	8	0	21.59	21.77	21.61
3	16QAM	8	4	21.40	21.67	21.53
3	16QAM	8	7	21.48	21.59	21.55
3	16QAM	15	0	21.40	21.51	21.46
3	64QAM	1	0	21.41	21.57	21.58
3	64QAM	1	8	21.47	21.50	21.43
3	64QAM	1	14	21.40	21.44	21.38
3	64QAM	8	0	20.62	20.66	20.56
3	64QAM	8	4	20.57	20.46	20.34
3	64QAM	8	7	20.52	20.44	20.53
3	64QAM	15	0	20.51	20.56	20.35



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	23.11	23.12	23.07
1.4	QPSK	1	3	22.77	23.02	22.91
1.4	QPSK	1	5	22.69	22.84	22.77
1.4	QPSK	3	0	22.29	22.30	22.26
1.4	QPSK	3	1	22.12	22.19	22.31
1.4	QPSK	3	3	22.28	22.36	22.25
1.4	QPSK	6	0	22.21	22.41	22.30
1.4	16QAM	1	0	22.22	22.32	22.25
1.4	16QAM	1	3	22.09	22.31	22.23
1.4	16QAM	1	5	22.11	22.19	22.18
1.4	16QAM	3	0	21.58	21.76	21.60
1.4	16QAM	3	1	21.39	21.66	21.52
1.4	16QAM	3	3	21.47	21.58	21.54
1.4	16QAM	6	0	21.39	21.50	21.45
1.4	64QAM	1	0	21.40	21.56	21.57
1.4	64QAM	1	3	21.46	21.49	21.42
1.4	64QAM	1	5	21.39	21.43	21.37
1.4	64QAM	3	0	20.61	20.65	20.55
1.4	64QAM	3	1	20.56	20.45	20.33
1.4	64QAM	3	3	20.51	20.43	20.52
1.4	64QAM	6	0	20.50	20.55	20.34



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20050	20175	20300
Frequency (MHz)				1720	1732.5	1745
20	QPSK	1	0	23.03	23.16	23.09
20	QPSK	1	49	22.82	23.09	22.84
20	QPSK	1	99	22.74	22.83	22.75
20	QPSK	50	0	22.39	22.47	22.37
20	QPSK	50	24	22.20	22.34	22.43
20	QPSK	50	50	22.35	22.46	22.29
20	QPSK	100	0	22.22	22.54	22.35
20	16QAM	1	0	22.31	22.41	22.37
20	16QAM	1	49	22.21	22.40	22.29
20	16QAM	1	99	22.15	22.20	22.34
20	16QAM	50	0	21.36	21.57	21.47
20	16QAM	50	24	21.40	21.70	21.60
20	16QAM	50	50	21.45	21.61	21.58
20	16QAM	100	0	21.45	21.59	21.50
20	64QAM	1	0	21.37	21.49	21.62
20	64QAM	1	49	21.44	21.46	21.44
20	64QAM	1	99	21.43	21.36	21.43
20	64QAM	50	0	20.55	20.72	20.57
20	64QAM	50	24	20.49	20.41	20.36
20	64QAM	50	50	20.50	20.53	20.46
20	64QAM	100	0	20.51	20.46	20.43



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20025	20175	20325
Frequency (MHz)				1717.5	1732.5	1747.5
15	QPSK	1	0	22.97	23.13	23.05
15	QPSK	1	37	22.77	23.05	22.78
15	QPSK	1	74	22.71	22.78	22.70
15	QPSK	36	0	22.34	22.40	22.33
15	QPSK	36	20	22.16	22.27	22.40
15	QPSK	36	39	22.32	22.40	22.25
15	QPSK	75	0	22.15	22.51	22.32
15	16QAM	1	0	22.26	22.37	22.33
15	16QAM	1	37	22.18	22.36	22.26
15	16QAM	1	74	22.13	22.18	22.27
15	16QAM	36	0	21.32	21.52	21.36
15	16QAM	36	20	21.44	21.66	21.53
15	16QAM	36	39	21.39	21.56	21.48
15	16QAM	75	0	21.41	21.54	21.39
15	64QAM	1	0	21.31	21.44	21.56
15	64QAM	1	37	21.39	21.41	21.41
15	64QAM	1	74	21.39	21.32	21.41
15	64QAM	36	0	20.50	20.69	20.51
15	64QAM	36	20	20.44	20.34	20.34
15	64QAM	36	39	20.43	20.47	20.44
15	64QAM	75	0	20.46	20.40	20.37



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20000	20175	20350
Frequency (MHz)				1715	1732.5	1750
10	QPSK	1	0	22.99	23.10	23.04
10	QPSK	1	25	22.77	23.03	22.79
10	QPSK	1	49	22.69	22.78	22.69
10	QPSK	25	0	22.36	22.40	22.31
10	QPSK	25	12	22.16	22.32	22.40
10	QPSK	25	25	22.30	22.42	22.23
10	QPSK	50	0	22.15	22.49	22.30
10	16QAM	1	0	22.26	22.38	22.31
10	16QAM	1	25	22.16	22.34	22.22
10	16QAM	1	49	22.08	22.15	22.30
10	16QAM	25	0	21.33	21.50	21.37
10	16QAM	25	12	21.38	21.66	21.50
10	16QAM	25	25	21.37	21.57	21.47
10	16QAM	50	0	21.41	21.54	21.44
10	64QAM	1	0	21.35	21.45	21.57
10	64QAM	1	25	21.42	21.41	21.42
10	64QAM	1	49	21.40	21.29	21.40
10	64QAM	25	0	20.52	20.69	20.50
10	64QAM	25	12	20.42	20.35	20.31
10	64QAM	25	25	20.47	20.46	20.40
10	64QAM	50	0	20.49	20.42	20.38



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				19975	20175	20375
Frequency (MHz)				1712.5	1732.5	1752.5
5	QPSK	1	0	22.92	23.03	23.00
5	QPSK	1	12	22.74	22.99	22.75
5	QPSK	1	24	22.68	22.75	22.66
5	QPSK	12	0	22.31	22.41	22.27
5	QPSK	12	7	22.13	22.25	22.36
5	QPSK	12	13	22.24	22.36	22.20
5	QPSK	25	0	22.16	22.47	22.24
5	16QAM	1	0	22.21	22.30	22.30
5	16QAM	1	12	22.13	22.32	22.22
5	16QAM	1	24	22.07	22.14	22.26
5	16QAM	12	0	21.33	21.51	21.40
5	16QAM	12	7	21.37	21.67	21.54
5	16QAM	12	13	21.39	21.62	21.48
5	16QAM	25	0	21.40	21.55	21.38
5	64QAM	1	0	21.25	21.43	21.49
5	64QAM	1	12	21.32	21.37	21.35
5	64QAM	1	24	21.39	21.28	21.31
5	64QAM	12	0	20.42	20.66	20.47
5	64QAM	12	7	20.42	20.34	20.24
5	64QAM	12	13	20.41	20.45	20.36
5	64QAM	25	0	20.40	20.35	20.35



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				19965	20175	20385
Frequency (MHz)				1711.5	1732.5	1753.5
3	QPSK	1	0	22.89	23.04	22.99
3	QPSK	1	8	22.72	23.00	22.71
3	QPSK	1	14	22.67	22.73	22.65
3	QPSK	8	0	22.27	22.38	22.28
3	QPSK	8	4	22.12	22.23	22.33
3	QPSK	8	7	22.26	22.35	22.21
3	QPSK	15	0	22.16	22.47	22.25
3	16QAM	1	0	22.19	22.29	22.30
3	16QAM	1	8	22.10	22.34	22.20
3	16QAM	1	14	22.03	22.11	22.30
3	16QAM	8	0	21.28	21.54	21.37
3	16QAM	8	4	21.42	21.69	21.52
3	16QAM	8	7	21.37	21.63	21.52
3	16QAM	15	0	21.43	21.55	21.43
3	64QAM	1	0	21.25	21.40	21.50
3	64QAM	1	8	21.32	21.37	21.31
3	64QAM	1	14	21.39	21.24	21.33
3	64QAM	8	0	20.47	20.64	20.49
3	64QAM	8	4	20.40	20.35	20.24
3	64QAM	8	7	20.44	20.44	20.37
3	64QAM	15	0	20.41	20.37	20.35



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				19957	20175	20393
Frequency (MHz)				1710.7	1732.5	1754.3
1.4	QPSK	1	0	22.86	23.01	22.96
1.4	QPSK	1	3	22.69	22.97	22.68
1.4	QPSK	1	5	22.64	22.70	22.62
1.4	QPSK	3	0	22.24	22.35	22.25
1.4	QPSK	3	1	22.09	22.20	22.30
1.4	QPSK	3	3	22.23	22.32	22.18
1.4	QPSK	6	0	22.13	22.44	22.22
1.4	16QAM	1	0	22.16	22.26	22.27
1.4	16QAM	1	3	22.07	22.31	22.17
1.4	16QAM	1	5	22.00	22.08	22.27
1.4	16QAM	3	0	21.25	21.51	21.34
1.4	16QAM	3	1	21.39	21.66	21.49
1.4	16QAM	3	3	21.34	21.60	21.49
1.4	16QAM	6	0	21.40	21.52	21.40
1.4	64QAM	1	0	21.22	21.37	21.47
1.4	64QAM	1	3	21.29	21.34	21.28
1.4	64QAM	1	5	21.36	21.21	21.30
1.4	64QAM	3	0	20.44	20.61	20.46
1.4	64QAM	3	1	20.37	20.32	20.21
1.4	64QAM	3	3	20.41	20.41	20.34
1.4	64QAM	6	0	20.38	20.34	20.32



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	23.41	23.52	23.39
10	QPSK	1	25	23.37	23.46	23.31
10	QPSK	1	49	23.22	23.25	23.23
10	QPSK	25	0	22.52	22.87	22.59
10	QPSK	25	12	22.68	22.67	22.62
10	QPSK	25	25	22.69	22.75	22.62
10	QPSK	50	0	22.72	22.80	22.69
10	16QAM	1	0	22.68	22.61	22.49
10	16QAM	1	25	22.48	22.62	22.57
10	16QAM	1	49	22.63	22.51	22.51
10	16QAM	25	0	21.75	21.99	21.96
10	16QAM	25	12	21.83	22.06	22.01
10	16QAM	25	25	21.79	22.05	21.84
10	16QAM	50	0	21.98	22.24	22.10
10	64QAM	1	0	21.85	22.04	21.87
10	64QAM	1	25	21.85	21.98	21.99
10	64QAM	1	49	21.83	22.01	21.99
10	64QAM	25	0	20.82	20.93	20.82
10	64QAM	25	12	20.60	20.59	20.79
10	64QAM	25	25	20.67	20.55	20.69
10	64QAM	50	0	20.68	20.58	20.60



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	23.35	23.46	23.33
5	QPSK	1	12	23.23	23.41	23.26
5	QPSK	1	24	23.10	23.22	23.18
5	QPSK	12	0	22.49	22.82	22.52
5	QPSK	12	7	22.65	22.64	22.58
5	QPSK	12	13	22.67	22.68	22.57
5	QPSK	25	0	22.66	22.78	22.62
5	16QAM	1	0	22.61	22.57	22.43
5	16QAM	1	12	22.43	22.59	22.52
5	16QAM	1	24	22.59	22.46	22.48
5	16QAM	12	0	21.70	21.95	21.92
5	16QAM	12	7	21.80	22.03	21.97
5	16QAM	12	13	21.75	22.00	21.81
5	16QAM	25	0	21.91	22.19	22.04
5	64QAM	1	0	21.81	21.99	21.81
5	64QAM	1	12	21.80	21.95	21.93
5	64QAM	1	24	21.79	21.95	21.96
5	64QAM	12	0	20.76	20.87	20.76
5	64QAM	12	7	20.54	20.55	20.75
5	64QAM	12	13	20.64	20.50	20.63
5	64QAM	25	0	20.63	20.53	20.57



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	23.34	23.43	23.33
3	QPSK	1	8	23.21	23.43	23.27
3	QPSK	1	14	23.07	23.21	23.20
3	QPSK	8	0	22.50	22.84	22.55
3	QPSK	8	4	22.65	22.65	22.57
3	QPSK	8	7	22.63	22.69	22.58
3	QPSK	15	0	22.66	22.76	22.67
3	16QAM	1	0	22.62	22.59	22.42
3	16QAM	1	8	22.46	22.60	22.50
3	16QAM	1	14	22.58	22.49	22.47
3	16QAM	8	0	21.71	21.95	21.94
3	16QAM	8	4	21.80	22.01	21.96
3	16QAM	8	7	21.73	22.00	21.77
3	16QAM	15	0	21.93	22.21	22.04
3	64QAM	1	0	21.80	21.99	21.83
3	64QAM	1	8	21.82	21.91	21.95
3	64QAM	1	14	21.78	21.96	21.95
3	64QAM	8	0	20.78	20.89	20.79
3	64QAM	8	4	20.57	20.56	20.73
3	64QAM	8	7	20.61	20.51	20.64
3	64QAM	15	0	20.65	20.56	20.57



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	23.36	23.43	23.35
1.4	QPSK	1	3	23.23	23.42	23.29
1.4	QPSK	1	5	23.09	23.23	23.22
1.4	QPSK	3	0	22.52	22.86	22.57
1.4	QPSK	3	1	22.67	22.67	22.59
1.4	QPSK	3	3	22.65	22.71	22.60
1.4	QPSK	6	0	22.68	22.78	22.69
1.4	16QAM	1	0	22.64	22.61	22.44
1.4	16QAM	1	3	22.48	22.62	22.52
1.4	16QAM	1	5	22.60	22.51	22.49
1.4	16QAM	3	0	21.73	21.97	21.96
1.4	16QAM	3	1	21.82	22.03	21.98
1.4	16QAM	3	3	21.75	22.02	21.79
1.4	16QAM	6	0	21.95	22.23	22.06
1.4	64QAM	1	0	21.82	22.01	21.85
1.4	64QAM	1	3	21.84	21.93	21.97
1.4	64QAM	1	5	21.80	21.98	21.97
1.4	64QAM	3	0	20.80	20.91	20.81
1.4	64QAM	3	1	20.59	20.58	20.75
1.4	64QAM	3	3	20.63	20.53	20.66
1.4	64QAM	6	0	20.67	20.58	20.59



LTE Band 7						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20850	21100	21350
Frequency (MHz)				2510	2535	2560
20	QPSK	1	0	22.87	22.95	22.87
20	QPSK	1	49	22.66	22.78	22.70
20	QPSK	1	99	22.51	22.68	22.58
20	QPSK	50	0	21.99	22.32	22.04
20	QPSK	50	24	22.08	22.04	22.06
20	QPSK	50	50	22.07	22.16	21.98
20	QPSK	100	0	22.13	22.14	22.12
20	16QAM	1	0	22.00	22.15	21.98
20	16QAM	1	49	21.79	22.01	21.98
20	16QAM	1	99	22.11	21.94	21.94
20	16QAM	50	0	21.29	21.50	21.46
20	16QAM	50	24	21.28	21.56	21.56
20	16QAM	50	50	21.27	21.66	21.40
20	16QAM	100	0	21.57	21.66	21.51
20	64QAM	1	0	21.25	21.45	21.24
20	64QAM	1	49	21.24	21.30	21.38
20	64QAM	1	99	21.17	21.35	21.39
20	64QAM	50	0	20.33	20.50	20.47
20	64QAM	50	24	20.30	20.28	20.38
20	64QAM	50	50	20.25	20.13	20.26
20	64QAM	100	0	20.32	20.18	20.08



LTE Band 7						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20825	21100	21375
Frequency (MHz)				2507.5	2535	2562.5
15	QPSK	1	0	22.84	22.93	22.84
15	QPSK	1	37	22.61	22.74	22.64
15	QPSK	1	74	22.47	22.64	22.52
15	QPSK	36	0	21.94	22.29	22.01
15	QPSK	36	20	22.01	22.00	22.03
15	QPSK	36	39	22.02	22.10	21.96
15	QPSK	75	0	22.07	22.11	22.09
15	16QAM	1	0	21.97	22.05	21.94
15	16QAM	1	37	21.72	21.95	21.96
15	16QAM	1	74	22.06	21.88	21.89
15	16QAM	36	0	21.24	21.47	21.41
15	16QAM	36	20	21.22	21.50	21.53
15	16QAM	36	39	21.22	21.63	21.37
15	16QAM	75	0	21.52	21.62	21.46
15	64QAM	1	0	21.20	21.41	21.20
15	64QAM	1	37	21.18	21.23	21.32
15	64QAM	1	74	21.15	21.31	21.32
15	64QAM	36	0	20.27	20.47	20.43
15	64QAM	36	20	20.28	20.22	20.33
15	64QAM	36	39	20.21	20.07	20.20
15	64QAM	75	0	20.28	20.14	20.05



LTE Band 7						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20800	21100	21400
Frequency (MHz)				2505	2535	2565
10	QPSK	1	0	22.84	22.92	22.82
10	QPSK	1	25	22.59	22.73	22.64
10	QPSK	1	49	22.48	22.65	22.54
10	QPSK	25	0	21.95	22.27	22.02
10	QPSK	25	12	22.06	22.01	22.00
10	QPSK	25	25	22.04	22.10	21.94
10	QPSK	50	0	22.10	22.09	22.06
10	16QAM	1	0	21.94	22.07	21.96
10	16QAM	1	25	21.73	21.94	21.93
10	16QAM	1	49	22.07	21.91	21.89
10	16QAM	25	0	21.24	21.46	21.42
10	16QAM	25	12	21.25	21.52	21.54
10	16QAM	25	25	21.21	21.60	21.37
10	16QAM	50	0	21.53	21.61	21.49
10	64QAM	1	0	21.20	21.42	21.18
10	64QAM	1	25	21.19	21.25	21.35
10	64QAM	1	49	21.15	21.31	21.34
10	64QAM	25	0	20.26	20.45	20.43
10	64QAM	25	12	20.27	20.22	20.34
10	64QAM	25	25	20.20	20.10	20.21
10	64QAM	50	0	20.29	20.16	20.04



LTE Band 7						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20775	21100	21425
Frequency (MHz)				2502.5	2535	2567.5
5	QPSK	1	0	22.81	22.89	22.78
5	QPSK	1	12	22.56	22.67	22.58
5	QPSK	1	24	22.42	22.60	22.50
5	QPSK	12	0	21.92	22.22	21.95
5	QPSK	12	7	22.01	21.95	21.97
5	QPSK	12	13	21.98	22.06	21.89
5	QPSK	25	0	22.03	22.07	22.00
5	16QAM	1	0	21.91	22.02	21.91
5	16QAM	1	12	21.67	21.89	21.88
5	16QAM	1	24	22.01	21.84	21.87
5	16QAM	12	0	21.18	21.42	21.37
5	16QAM	12	7	21.22	21.49	21.50
5	16QAM	12	13	21.16	21.56	21.31
5	16QAM	25	0	21.48	21.55	21.44
5	64QAM	1	0	21.18	21.38	21.16
5	64QAM	1	12	21.15	21.21	21.28
5	64QAM	1	24	21.08	21.27	21.29
5	64QAM	12	0	20.23	20.41	20.38
5	64QAM	12	7	20.24	20.16	20.29
5	64QAM	12	13	20.14	20.08	20.15
5	64QAM	25	0	20.23	20.11	19.99



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	23.05	23.18	23.16
10	QPSK	1	25	22.92	23.10	23.04
10	QPSK	1	49	22.80	22.87	22.91
10	QPSK	25	0	22.28	22.53	22.32
10	QPSK	25	12	22.42	22.45	22.37
10	QPSK	25	25	22.33	22.40	22.35
10	QPSK	50	0	22.48	22.53	22.37
10	16QAM	1	0	22.32	22.37	22.22
10	16QAM	1	25	22.19	22.28	22.28
10	16QAM	1	49	22.32	22.28	22.23
10	16QAM	25	0	21.45	21.67	21.61
10	16QAM	25	12	21.54	21.75	21.67
10	16QAM	25	25	21.43	21.73	21.48
10	16QAM	50	0	21.74	21.99	21.78
10	64QAM	1	0	21.11	21.26	21.05
10	64QAM	1	25	21.12	21.25	21.14
10	64QAM	1	49	21.10	21.19	21.14
10	64QAM	25	0	20.53	20.70	20.47
10	64QAM	25	12	20.28	20.33	20.46
10	64QAM	25	25	20.36	20.28	20.39
10	64QAM	50	0	20.32	20.33	20.28



LTE Band 12						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23035	23095	23155
Frequency (MHz)				701.5	707.5	713.5
5	QPSK	1	0	22.98	23.15	23.09
5	QPSK	1	12	22.86	23.06	22.96
5	QPSK	1	24	22.73	22.82	22.86
5	QPSK	12	0	22.22	22.46	22.28
5	QPSK	12	7	22.33	22.39	22.32
5	QPSK	12	13	22.24	22.34	22.30
5	QPSK	25	0	22.43	22.49	22.33
5	16QAM	1	0	22.30	22.26	22.14
5	16QAM	1	12	22.11	22.21	22.19
5	16QAM	1	24	22.24	22.20	22.16
5	16QAM	12	0	21.36	21.60	21.54
5	16QAM	12	7	21.50	21.71	21.63
5	16QAM	12	13	21.34	21.68	21.40
5	16QAM	25	0	21.65	21.90	21.69
5	64QAM	1	0	21.04	21.19	20.98
5	64QAM	1	12	21.04	21.20	21.06
5	64QAM	1	24	21.06	21.11	21.06
5	64QAM	12	0	20.45	20.62	20.40
5	64QAM	12	7	20.20	20.27	20.37
5	64QAM	12	13	20.30	20.22	20.30
5	64QAM	25	0	20.26	20.29	20.19



LTE Band 12						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23025	23095	23165
Frequency (MHz)				700.5	707.5	714.5
3	QPSK	1	0	22.99	23.07	23.05
3	QPSK	1	8	22.82	23.02	22.93
3	QPSK	1	14	22.68	22.77	22.79
3	QPSK	8	0	22.13	22.40	22.21
3	QPSK	8	4	22.32	22.29	22.24
3	QPSK	8	7	22.23	22.28	22.25
3	QPSK	15	0	22.40	22.41	22.28
3	16QAM	1	0	22.24	22.21	22.10
3	16QAM	1	8	22.10	22.16	22.20
3	16QAM	1	14	22.25	22.17	22.10
3	16QAM	8	0	21.32	21.56	21.50
3	16QAM	8	4	21.44	21.62	21.59
3	16QAM	8	7	21.28	21.59	21.39
3	16QAM	15	0	21.63	21.87	21.65
3	64QAM	1	0	21.01	21.14	20.96
3	64QAM	1	8	21.01	21.12	21.04
3	64QAM	1	14	21.03	21.05	21.03
3	64QAM	8	0	20.39	20.57	20.39
3	64QAM	8	4	20.17	20.20	20.37
3	64QAM	8	7	20.21	20.19	20.28
3	64QAM	15	0	20.21	20.21	20.19



LTE Band 12						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23017	23095	23173
Frequency (MHz)				699.7	707.5	715.3
1.4	QPSK	1	0	22.94	23.02	23.00
1.4	QPSK	1	3	22.77	22.97	22.88
1.4	QPSK	1	5	22.63	22.72	22.74
1.4	QPSK	3	0	22.08	22.35	22.16
1.4	QPSK	3	1	22.27	22.24	22.19
1.4	QPSK	3	3	22.18	22.23	22.20
1.4	QPSK	6	0	22.35	22.36	22.23
1.4	16QAM	1	0	22.19	22.16	22.05
1.4	16QAM	1	3	22.05	22.11	22.15
1.4	16QAM	1	5	22.20	22.12	22.05
1.4	16QAM	3	0	21.27	21.51	21.45
1.4	16QAM	3	1	21.39	21.57	21.54
1.4	16QAM	3	3	21.23	21.54	21.34
1.4	16QAM	6	0	21.58	21.82	21.60
1.4	64QAM	1	0	20.96	21.09	20.91
1.4	64QAM	1	3	20.96	21.07	20.99
1.4	64QAM	1	5	20.98	21.00	20.98
1.4	64QAM	3	0	20.34	20.52	20.34
1.4	64QAM	3	1	20.12	20.15	20.32
1.4	64QAM	3	3	20.16	20.14	20.23
1.4	64QAM	6	0	20.16	20.16	20.14



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	23.07	23.11	22.91
10	QPSK	1	25	22.86	23.01	22.84
10	QPSK	1	49	22.76	22.92	22.77
10	QPSK	25	0	22.06	22.49	22.18
10	QPSK	25	12	22.16	22.25	22.11
10	QPSK	25	25	22.31	22.39	22.23
10	QPSK	50	0	22.37	22.42	22.38
10	16QAM	1	0	22.28	22.33	22.24
10	16QAM	1	25	22.10	22.26	22.21
10	16QAM	1	49	22.28	22.12	22.14
10	16QAM	25	0	21.43	21.58	21.58
10	16QAM	25	12	21.55	21.72	21.62
10	16QAM	25	25	21.35	21.61	21.41
10	16QAM	50	0	21.54	21.85	21.65
10	64QAM	1	0	21.06	21.15	20.86
10	64QAM	1	25	20.93	21.09	21.20
10	64QAM	1	49	20.94	21.03	21.19
10	64QAM	25	0	20.43	20.51	20.41
10	64QAM	25	12	20.29	20.20	20.39
10	64QAM	25	25	20.40	20.06	20.22
10	64QAM	50	0	20.33	20.15	20.24



LTE Band 17						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23755	23790	23825
Frequency (MHz)				706.5	710	713.5
5	QPSK	1	0	22.97	23.02	22.83
5	QPSK	1	12	22.80	22.91	22.78
5	QPSK	1	24	22.70	22.83	22.69
5	QPSK	12	0	21.99	22.40	22.11
5	QPSK	12	7	22.11	22.17	22.01
5	QPSK	12	13	22.25	22.33	22.17
5	QPSK	25	0	22.30	22.32	22.29
5	16QAM	1	0	22.21	22.24	22.04
5	16QAM	1	12	22.00	22.23	22.12
5	16QAM	1	24	22.23	22.03	22.05
5	16QAM	12	0	21.38	21.53	21.50
5	16QAM	12	7	21.45	21.63	21.54
5	16QAM	12	13	21.26	21.53	21.34
5	16QAM	25	0	21.44	21.79	21.58
5	64QAM	1	0	20.97	21.07	20.80
5	64QAM	1	12	20.83	21.00	21.11
5	64QAM	1	24	20.88	20.93	21.12
5	64QAM	12	0	20.35	20.44	20.36
5	64QAM	12	7	20.23	20.12	20.34
5	64QAM	12	13	20.33	19.96	20.12
5	64QAM	25	0	20.25	20.07	20.15



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	23.11	23.27	23.17
20	QPSK	1	49	22.90	23.13	22.96
20	QPSK	1	99	22.79	23.01	22.83
20	QPSK	50	0	22.40	22.47	22.38
20	QPSK	50	24	22.28	22.35	22.34
20	QPSK	50	50	22.31	22.38	22.33
20	QPSK	100	0	22.33	22.44	22.39
20	16QAM	1	0	22.36	22.43	22.30
20	16QAM	1	49	22.20	22.41	22.35
20	16QAM	1	99	22.19	22.30	22.24
20	16QAM	50	0	21.43	21.61	21.50
20	16QAM	50	24	21.48	21.67	21.62
20	16QAM	50	50	21.50	21.70	21.45
20	16QAM	100	0	21.56	21.59	21.53
20	64QAM	1	0	21.53	21.58	21.60
20	64QAM	1	49	21.49	21.51	21.58
20	64QAM	1	99	21.44	21.47	21.54
20	64QAM	50	0	20.63	20.78	20.77
20	64QAM	50	24	20.57	20.64	20.66
20	64QAM	50	50	20.55	20.51	20.58
20	64QAM	100	0	20.55	20.56	20.53



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	23.05	23.20	23.10
15	QPSK	1	37	22.80	23.06	22.87
15	QPSK	1	74	22.71	22.95	22.73
15	QPSK	36	0	22.31	22.42	22.31
15	QPSK	36	20	22.23	22.28	22.24
15	QPSK	36	39	22.26	22.33	22.27
15	QPSK	75	0	22.25	22.34	22.31
15	16QAM	1	0	22.27	22.34	22.21
15	16QAM	1	37	22.12	22.33	22.29
15	16QAM	1	74	22.12	22.20	22.14
15	16QAM	36	0	21.30	21.51	21.46
15	16QAM	36	20	21.51	21.63	21.64
15	16QAM	36	39	21.46	21.59	21.42
15	16QAM	75	0	21.52	21.56	21.53
15	64QAM	1	0	21.44	21.49	21.52
15	64QAM	1	37	21.44	21.45	21.49
15	64QAM	1	74	21.38	21.42	21.46
15	64QAM	36	0	20.56	20.70	20.68
15	64QAM	36	20	20.51	20.54	20.58
15	64QAM	36	39	20.50	20.46	20.52
15	64QAM	75	0	20.49	20.48	20.43



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	23.02	23.17	23.07
10	QPSK	1	25	22.77	23.03	22.84
10	QPSK	1	49	22.68	22.92	22.70
10	QPSK	25	0	22.28	22.39	22.28
10	QPSK	25	12	22.20	22.25	22.21
10	QPSK	25	25	22.23	22.30	22.24
10	QPSK	50	0	22.22	22.31	22.28
10	16QAM	1	0	22.24	22.31	22.18
10	16QAM	1	25	22.09	22.30	22.26
10	16QAM	1	49	22.09	22.17	22.11
10	16QAM	25	0	21.27	21.50	21.47
10	16QAM	25	12	21.50	21.67	21.60
10	16QAM	25	25	21.46	21.60	21.46
10	16QAM	50	0	21.52	21.55	21.56
10	64QAM	1	0	21.41	21.46	21.49
10	64QAM	1	25	21.41	21.42	21.46
10	64QAM	1	49	21.35	21.39	21.43
10	64QAM	25	0	20.53	20.67	20.65
10	64QAM	25	12	20.48	20.51	20.55
10	64QAM	25	25	20.47	20.43	20.49
10	64QAM	50	0	20.46	20.45	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	22.99	23.14	23.04
5	QPSK	1	12	22.74	23.00	22.81
5	QPSK	1	24	22.65	22.89	22.67
5	QPSK	12	0	22.25	22.36	22.25
5	QPSK	12	7	22.17	22.22	22.18
5	QPSK	12	13	22.20	22.27	22.21
5	QPSK	25	0	22.19	22.28	22.25
5	16QAM	1	0	22.21	22.28	22.15
5	16QAM	1	12	22.06	22.27	22.23
5	16QAM	1	24	22.06	22.14	22.08
5	16QAM	12	0	21.30	21.54	21.45
5	16QAM	12	7	21.45	21.64	21.65
5	16QAM	12	13	21.50	21.62	21.44
5	16QAM	25	0	21.52	21.51	21.53
5	64QAM	1	0	21.38	21.43	21.46
5	64QAM	1	12	21.38	21.39	21.43
5	64QAM	1	24	21.32	21.36	21.40
5	64QAM	12	0	20.50	20.64	20.62
5	64QAM	12	7	20.45	20.48	20.52
5	64QAM	12	13	20.44	20.40	20.46
5	64QAM	25	0	20.43	20.42	20.37



LTE Band 25						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26055	26365	26675
Frequency (MHz)				1851.5	1882.5	1913.5
3	QPSK	1	0	22.96	23.11	23.01
3	QPSK	1	8	22.71	22.97	22.78
3	QPSK	1	14	22.62	22.86	22.64
3	QPSK	8	0	22.22	22.33	22.22
3	QPSK	8	4	22.14	22.19	22.15
3	QPSK	8	7	22.17	22.24	22.18
3	QPSK	15	0	22.16	22.25	22.22
3	16QAM	1	0	22.18	22.25	22.12
3	16QAM	1	8	22.03	22.24	22.20
3	16QAM	1	14	22.03	22.11	22.05
3	16QAM	8	0	21.34	21.53	21.48
3	16QAM	8	4	21.48	21.68	21.66
3	16QAM	8	7	21.53	21.64	21.45
3	16QAM	15	0	21.57	21.50	21.53
3	64QAM	1	0	21.35	21.40	21.43
3	64QAM	1	8	21.35	21.36	21.40
3	64QAM	1	14	21.29	21.33	21.37
3	64QAM	8	0	20.47	20.61	20.59
3	64QAM	8	4	20.42	20.45	20.49
3	64QAM	8	7	20.41	20.37	20.43
3	64QAM	15	0	20.40	20.39	20.34



LTE Band 25						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26047	26365	26683
Frequency (MHz)				1850.7	1882.5	1914.3
1.4	QPSK	1	0	22.94	23.09	22.99
1.4	QPSK	1	3	22.69	22.95	22.76
1.4	QPSK	1	5	22.60	22.84	22.62
1.4	QPSK	3	0	22.20	22.31	22.20
1.4	QPSK	3	1	22.12	22.17	22.13
1.4	QPSK	3	3	22.15	22.22	22.16
1.4	QPSK	6	0	22.14	22.23	22.20
1.4	16QAM	1	0	22.16	22.23	22.10
1.4	16QAM	1	3	22.01	22.22	22.18
1.4	16QAM	1	5	22.01	22.09	22.03
1.4	16QAM	3	0	21.32	21.51	21.46
1.4	16QAM	3	1	21.46	21.66	21.64
1.4	16QAM	3	3	21.51	21.62	21.43
1.4	16QAM	6	0	21.55	21.48	21.51
1.4	64QAM	1	0	21.33	21.38	21.41
1.4	64QAM	1	3	21.33	21.34	21.38
1.4	64QAM	1	5	21.27	21.31	21.35
1.4	64QAM	3	0	20.45	20.59	20.57
1.4	64QAM	3	1	20.40	20.43	20.47
1.4	64QAM	3	3	20.39	20.35	20.41
1.4	64QAM	6	0	20.38	20.37	20.32



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	23.37	23.28	23.39
15	QPSK	1	37	23.26	23.29	23.30
15	QPSK	1	74	23.20	23.12	23.21
15	QPSK	36	0	22.48	22.51	22.58
15	QPSK	36	20	22.65	22.54	22.66
15	QPSK	36	39	22.45	22.46	22.57
15	QPSK	75	0	22.66	22.71	22.72
15	16QAM	1	0	22.44	22.43	22.52
15	16QAM	1	37	22.48	22.52	22.55
15	16QAM	1	74	22.48	22.41	22.49
15	16QAM	36	0	21.78	21.69	21.79
15	16QAM	36	20	21.86	21.92	21.94
15	16QAM	36	39	21.65	21.73	21.74
15	16QAM	75	0	21.88	21.87	21.96
15	64QAM	1	0	21.52	21.50	21.54
15	64QAM	1	37	21.62	21.56	21.64
15	64QAM	1	74	21.62	21.52	21.64
15	64QAM	36	0	20.77	20.80	20.82
15	64QAM	36	20	20.72	20.78	20.82
15	64QAM	36	39	20.58	20.61	20.65
15	64QAM	75	0	20.50	20.48	20.55



LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26840	26915	26990
Frequency (MHz)				829.0	836.5	844.0
10	QPSK	1	0	23.33	23.29	23.36
10	QPSK	1	25	23.20	23.16	23.27
10	QPSK	1	49	23.13	23.09	23.18
10	QPSK	25	0	22.46	22.44	22.55
10	QPSK	25	12	22.53	22.59	22.63
10	QPSK	25	25	22.43	22.47	22.54
10	QPSK	50	0	22.67	22.62	22.69
10	16QAM	1	0	22.40	22.42	22.49
10	16QAM	1	25	22.51	22.42	22.52
10	16QAM	1	49	22.45	22.39	22.46
10	16QAM	25	0	21.66	21.69	21.76
10	16QAM	25	12	21.87	21.81	21.91
10	16QAM	25	25	21.66	21.60	21.71
10	16QAM	50	0	21.82	21.83	21.93
10	64QAM	1	0	21.49	21.45	21.51
10	64QAM	1	25	21.51	21.53	21.61
10	64QAM	1	49	21.49	21.51	21.61
10	64QAM	25	0	20.72	20.69	20.79
10	64QAM	25	12	20.67	20.71	20.79
10	64QAM	25	25	20.61	20.56	20.62
10	64QAM	50	0	20.49	20.40	20.52



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	23.24	23.20	23.31
5	QPSK	1	12	23.17	23.13	23.22
5	QPSK	1	24	23.06	23.01	23.13
5	QPSK	12	0	22.47	22.42	22.50
5	QPSK	12	7	22.49	22.53	22.58
5	QPSK	12	13	22.42	22.38	22.49
5	QPSK	25	0	22.56	22.55	22.64
5	16QAM	1	0	22.40	22.37	22.44
5	16QAM	1	12	22.45	22.36	22.47
5	16QAM	1	24	22.33	22.34	22.41
5	16QAM	12	0	21.68	21.62	21.71
5	16QAM	12	7	21.82	21.83	21.86
5	16QAM	12	13	21.59	21.62	21.66
5	16QAM	25	0	21.76	21.78	21.88
5	64QAM	1	0	21.36	21.38	21.46
5	64QAM	1	12	21.50	21.46	21.56
5	64QAM	1	24	21.55	21.53	21.56
5	64QAM	12	0	20.67	20.65	20.74
5	64QAM	12	7	20.67	20.65	20.74
5	64QAM	12	13	20.49	20.51	20.57
5	64QAM	25	0	20.46	20.41	20.47



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	23.24	23.18	23.26
3	QPSK	1	8	23.05	23.08	23.17
3	QPSK	1	14	23.02	22.99	23.08
3	QPSK	8	0	22.33	22.42	22.45
3	QPSK	8	4	22.45	22.52	22.53
3	QPSK	8	7	22.37	22.38	22.44
3	QPSK	15	0	22.57	22.56	22.59
3	16QAM	1	0	22.27	22.32	22.39
3	16QAM	1	8	22.32	22.36	22.42
3	16QAM	1	14	22.34	22.28	22.36
3	16QAM	8	0	21.60	21.56	21.66
3	16QAM	8	4	21.76	21.80	21.81
3	16QAM	8	7	21.58	21.60	21.61
3	16QAM	15	0	21.74	21.78	21.83
3	64QAM	1	0	21.34	21.37	21.41
3	64QAM	1	8	21.49	21.41	21.51
3	64QAM	1	14	21.46	21.40	21.51
3	64QAM	8	0	20.62	20.67	20.69
3	64QAM	8	4	20.65	20.61	20.69
3	64QAM	8	7	20.40	20.45	20.52
3	64QAM	15	0	20.35	20.30	20.42



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	23.12	23.14	23.22
1.4	QPSK	1	3	23.06	23.02	23.13
1.4	QPSK	1	5	22.95	23.00	23.04
1.4	QPSK	3	0	22.38	22.32	22.41
1.4	QPSK	3	1	22.46	22.44	22.49
1.4	QPSK	3	3	22.30	22.36	22.40
1.4	QPSK	6	0	22.45	22.47	22.55
1.4	16QAM	1	0	22.27	22.26	22.35
1.4	16QAM	1	3	22.31	22.26	22.38
1.4	16QAM	1	5	22.23	22.29	22.32
1.4	16QAM	3	0	21.53	21.58	21.62
1.4	16QAM	3	1	21.68	21.70	21.77
1.4	16QAM	3	3	21.47	21.45	21.57
1.4	16QAM	6	0	21.77	21.73	21.79
1.4	64QAM	1	0	21.25	21.27	21.37
1.4	64QAM	1	3	21.40	21.38	21.47
1.4	64QAM	1	5	21.41	21.45	21.47
1.4	64QAM	3	0	20.61	20.60	20.65
1.4	64QAM	3	1	20.53	20.53	20.65
1.4	64QAM	3	3	20.40	20.36	20.48
1.4	64QAM	6	0	20.31	20.36	20.38



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	26.47	26.58	26.44
20	QPSK	1	49	26.34	26.40	26.40
20	QPSK	1	99	26.16	26.34	26.22
20	QPSK	50	0	25.56	25.89	25.59
20	QPSK	50	24	25.69	25.62	25.70
20	QPSK	50	50	25.69	25.75	25.68
20	QPSK	100	0	25.74	25.75	25.72
20	16QAM	1	0	25.61	25.71	25.64
20	16QAM	1	49	25.42	25.55	25.36
20	16QAM	1	99	25.66	25.51	25.70
20	16QAM	50	0	25.13	25.19	25.06
20	16QAM	50	24	25.12	25.34	25.18
20	16QAM	50	50	25.08	25.48	25.09
20	16QAM	100	0	24.95	25.13	24.94
20	64QAM	1	0	24.57	24.94	24.68
20	64QAM	1	49	24.72	24.70	24.63
20	64QAM	1	99	24.56	24.78	24.53
20	64QAM	50	0	23.69	23.82	23.81
20	64QAM	50	24	23.69	23.70	23.64
20	64QAM	50	50	23.64	23.57	23.70
20	64QAM	100	0	23.65	23.56	23.74



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	26.42	26.52	26.38
15	QPSK	1	37	26.30	26.35	26.33
15	QPSK	1	74	26.14	26.30	26.18
15	QPSK	36	0	25.53	25.82	25.57
15	QPSK	36	20	25.63	25.59	25.65
15	QPSK	36	39	25.63	25.70	25.65
15	QPSK	75	0	25.72	25.64	25.70
15	16QAM	1	0	25.58	25.64	25.58
15	16QAM	1	37	25.39	25.50	25.31
15	16QAM	1	74	25.61	25.47	25.63
15	16QAM	36	0	25.07	25.15	25.03
15	16QAM	36	20	25.09	25.30	25.13
15	16QAM	36	39	25.05	25.43	25.03
15	16QAM	75	0	24.93	25.10	24.89
15	64QAM	1	0	24.53	24.89	24.65
15	64QAM	1	37	24.69	24.64	24.60
15	64QAM	1	74	24.49	24.76	24.48
15	64QAM	36	0	23.67	23.75	23.79
15	64QAM	36	20	23.63	23.63	23.61
15	64QAM	36	39	23.60	23.54	23.67
15	64QAM	75	0	23.63	23.49	23.67



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	26.38	26.45	26.31
10	QPSK	1	25	26.28	26.29	26.26
10	QPSK	1	49	26.11	26.26	26.12
10	QPSK	25	0	25.48	25.80	25.54
10	QPSK	25	12	25.59	25.56	25.59
10	QPSK	25	25	25.58	25.66	25.63
10	QPSK	50	0	25.69	25.57	25.64
10	16QAM	1	0	25.52	25.62	25.51
10	16QAM	1	25	25.35	25.48	25.25
10	16QAM	1	49	25.58	25.41	25.61
10	16QAM	25	0	25.02	25.09	24.98
10	16QAM	25	12	25.04	25.26	25.09
10	16QAM	25	25	24.99	25.41	24.99
10	16QAM	50	0	24.86	25.05	24.85
10	64QAM	1	0	24.48	24.87	24.60
10	64QAM	1	25	24.64	24.61	24.58
10	64QAM	1	49	24.46	24.74	24.43
10	64QAM	25	0	23.62	23.70	23.73
10	64QAM	25	12	23.59	23.56	23.59
10	64QAM	25	25	23.55	23.51	23.62
10	64QAM	50	0	23.60	23.43	23.65



LTE Band 41 (Power Class 2)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39675	40620	41565
Frequency (MHz)				2498.5	2593	2687.5
5	QPSK	1	0	26.34	26.41	26.27
5	QPSK	1	12	26.24	26.25	26.22
5	QPSK	1	24	26.07	26.22	26.08
5	QPSK	12	0	25.44	25.76	25.50
5	QPSK	12	7	25.55	25.52	25.55
5	QPSK	12	13	25.54	25.62	25.59
5	QPSK	25	0	25.65	25.53	25.60
5	16QAM	1	0	25.48	25.58	25.47
5	16QAM	1	12	25.31	25.44	25.21
5	16QAM	1	24	25.54	25.37	25.57
5	16QAM	12	0	24.98	25.05	24.94
5	16QAM	12	7	25.00	25.22	25.05
5	16QAM	12	13	24.95	25.37	24.95
5	16QAM	25	0	24.82	25.01	24.81
5	64QAM	1	0	24.44	24.83	24.56
5	64QAM	1	12	24.60	24.57	24.54
5	64QAM	1	24	24.42	24.70	24.39
5	64QAM	12	0	23.58	23.66	23.69
5	64QAM	12	7	23.55	23.52	23.55
5	64QAM	12	13	23.51	23.47	23.58
5	64QAM	25	0	23.56	23.39	23.61



LTE Band 41 (Power Class 3)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39750	40620	41490
Frequency (MHz)				2506	2593	2680
20	QPSK	1	0	22.44	22.58	22.48
20	QPSK	1	49	22.32	22.44	22.38
20	QPSK	1	99	22.21	22.23	22.12
20	QPSK	50	0	21.59	21.79	21.58
20	QPSK	50	24	21.64	21.72	21.62
20	QPSK	50	50	21.68	21.71	21.69
20	QPSK	100	0	21.76	21.70	21.75
20	16QAM	1	0	21.60	21.68	21.67
20	16QAM	1	49	21.41	21.49	21.39
20	16QAM	1	99	21.58	21.51	21.63
20	16QAM	50	0	21.05	21.12	20.95
20	16QAM	50	24	20.99	21.28	21.01
20	16QAM	50	50	20.94	21.36	20.94
20	16QAM	100	0	20.92	20.97	20.88
20	64QAM	1	0	20.58	20.80	20.63
20	64QAM	1	49	20.57	20.73	20.58
20	64QAM	1	99	20.50	20.74	20.53
20	64QAM	50	0	19.75	19.78	19.77
20	64QAM	50	24	19.55	19.61	19.58
20	64QAM	50	50	19.63	19.50	19.55
20	64QAM	100	0	19.66	19.63	19.63



LTE Band 41 (Power Class 3)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39725	40620	41515
Frequency (MHz)				2503.5	2593	2682.5
15	QPSK	1	0	22.40	22.52	22.42
15	QPSK	1	37	22.29	22.41	22.33
15	QPSK	1	74	22.15	22.18	22.07
15	QPSK	36	0	21.54	21.73	21.56
15	QPSK	36	20	21.59	21.68	21.56
15	QPSK	36	39	21.64	21.68	21.64
15	QPSK	75	0	21.72	21.67	21.71
15	16QAM	1	0	21.58	21.59	21.62
15	16QAM	1	37	21.34	21.45	21.32
15	16QAM	1	74	21.55	21.45	21.59
15	16QAM	36	0	21.01	21.08	20.89
15	16QAM	36	20	20.94	21.23	20.98
15	16QAM	36	39	20.90	21.34	20.91
15	16QAM	75	0	20.88	20.93	20.83
15	64QAM	1	0	20.53	20.78	20.61
15	64QAM	1	37	20.54	20.71	20.54
15	64QAM	1	74	20.43	20.71	20.50
15	64QAM	36	0	19.69	19.72	19.72
15	64QAM	36	20	19.51	19.57	19.53
15	64QAM	36	39	19.58	19.44	19.52
15	64QAM	75	0	19.61	19.57	19.60



LTE Band 41 (Power Class 3)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39700	40620	41540
Frequency (MHz)				2501	2593	2685
10	QPSK	1	0	22.36	22.48	22.38
10	QPSK	1	25	22.25	22.37	22.29
10	QPSK	1	49	22.11	22.14	22.03
10	QPSK	25	0	21.50	21.69	21.52
10	QPSK	25	12	21.55	21.64	21.52
10	QPSK	25	25	21.60	21.64	21.60
10	QPSK	50	0	21.68	21.63	21.67
10	16QAM	1	0	21.54	21.55	21.58
10	16QAM	1	25	21.30	21.41	21.28
10	16QAM	1	49	21.51	21.41	21.55
10	16QAM	25	0	20.97	21.04	20.85
10	16QAM	25	12	20.90	21.19	20.94
10	16QAM	25	25	20.86	21.30	20.87
10	16QAM	50	0	20.84	20.89	20.79
10	64QAM	1	0	20.49	20.74	20.57
10	64QAM	1	25	20.50	20.67	20.50
10	64QAM	1	49	20.39	20.67	20.46
10	64QAM	25	0	19.65	19.68	19.68
10	64QAM	25	12	19.47	19.53	19.49
10	64QAM	25	25	19.54	19.40	19.48
10	64QAM	50	0	19.57	19.53	19.56



LTE Band 41 (Power Class 3)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39675	40620	41565
Frequency (MHz)				2498.5	2593	2687.5
5	QPSK	1	0	22.32	22.44	22.34
5	QPSK	1	12	22.21	22.33	22.25
5	QPSK	1	24	22.07	22.10	21.99
5	QPSK	12	0	21.46	21.65	21.48
5	QPSK	12	7	21.51	21.60	21.48
5	QPSK	12	13	21.56	21.60	21.56
5	QPSK	25	0	21.64	21.59	21.63
5	16QAM	1	0	21.50	21.51	21.54
5	16QAM	1	12	21.31	21.42	21.29
5	16QAM	1	24	21.52	21.42	21.56
5	16QAM	12	0	20.98	21.05	20.86
5	16QAM	12	7	20.91	21.20	20.95
5	16QAM	12	13	20.87	21.31	20.88
5	16QAM	25	0	20.85	20.90	20.80
5	64QAM	1	0	20.50	20.75	20.58
5	64QAM	1	12	20.51	20.68	20.51
5	64QAM	1	24	20.40	20.68	20.47
5	64QAM	12	0	19.66	19.69	19.69
5	64QAM	12	7	19.48	19.54	19.50
5	64QAM	12	13	19.55	19.41	19.49
5	64QAM	25	0	19.58	19.54	19.57



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	23.14	23.30	23.27
20	QPSK	1	49	22.90	23.19	22.96
20	QPSK	1	99	22.80	22.96	22.80
20	QPSK	50	0	22.44	22.57	22.48
20	QPSK	50	24	22.31	22.41	22.50
20	QPSK	50	50	22.41	22.61	22.39
20	QPSK	100	0	22.31	22.59	22.53
20	16QAM	1	0	22.45	22.55	22.54
20	16QAM	1	49	22.25	22.45	22.34
20	16QAM	1	99	22.19	22.26	22.47
20	16QAM	50	0	21.55	21.57	21.47
20	16QAM	50	24	21.43	21.51	21.54
20	16QAM	50	50	21.49	21.51	21.57
20	16QAM	100	0	21.48	21.57	21.55
20	64QAM	1	0	21.49	21.62	21.74
20	64QAM	1	49	21.49	21.52	21.50
20	64QAM	1	99	21.56	21.49	21.48
20	64QAM	50	0	20.70	20.83	20.66
20	64QAM	50	24	20.66	20.50	20.41
20	64QAM	50	50	20.66	20.59	20.64
20	64QAM	100	0	20.57	20.61	20.54



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	23.10	23.23	23.23
15	QPSK	1	37	22.84	23.16	22.91
15	QPSK	1	74	22.74	22.93	22.78
15	QPSK	36	0	22.41	22.55	22.45
15	QPSK	36	20	22.26	22.36	22.45
15	QPSK	36	39	22.37	22.56	22.32
15	QPSK	75	0	22.25	22.54	22.49
15	16QAM	1	0	22.41	22.42	22.48
15	16QAM	1	37	22.20	22.41	22.28
15	16QAM	1	74	22.17	22.21	22.40
15	16QAM	36	0	21.52	21.50	21.35
15	16QAM	36	20	21.42	21.41	21.47
15	16QAM	36	39	21.45	21.54	21.45
15	16QAM	75	0	21.47	21.49	21.49
15	64QAM	1	0	21.44	21.59	21.72
15	64QAM	1	37	21.47	21.48	21.46
15	64QAM	1	74	21.49	21.47	21.44
15	64QAM	36	0	20.68	20.77	20.60
15	64QAM	36	20	20.62	20.44	20.38
15	64QAM	36	39	20.62	20.54	20.57
15	64QAM	75	0	20.52	20.59	20.51



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	23.07	23.24	23.23
10	QPSK	1	25	22.88	23.15	22.94
10	QPSK	1	49	22.77	22.90	22.75
10	QPSK	25	0	22.39	22.54	22.42
10	QPSK	25	12	22.28	22.34	22.47
10	QPSK	25	25	22.35	22.56	22.36
10	QPSK	50	0	22.27	22.53	22.49
10	16QAM	1	0	22.40	22.45	22.47
10	16QAM	1	25	22.20	22.42	22.31
10	16QAM	1	49	22.14	22.20	22.41
10	16QAM	25	0	21.50	21.47	21.34
10	16QAM	25	12	21.43	21.46	21.43
10	16QAM	25	25	21.44	21.52	21.49
10	16QAM	50	0	21.46	21.55	21.46
10	64QAM	1	0	21.46	21.58	21.68
10	64QAM	1	25	21.46	21.49	21.47
10	64QAM	1	49	21.54	21.45	21.46
10	64QAM	25	0	20.67	20.77	20.61
10	64QAM	25	12	20.62	20.46	20.36
10	64QAM	25	25	20.59	20.53	20.61
10	64QAM	50	0	20.54	20.57	20.52



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	23.05	23.20	23.21
5	QPSK	1	12	22.85	23.09	22.88
5	QPSK	1	24	22.73	22.86	22.73
5	QPSK	12	0	22.34	22.50	22.39
5	QPSK	12	7	22.22	22.28	22.41
5	QPSK	12	13	22.33	22.54	22.31
5	QPSK	25	0	22.21	22.50	22.44
5	16QAM	1	0	22.37	22.42	22.44
5	16QAM	1	12	22.15	22.39	22.29
5	16QAM	1	24	22.10	22.16	22.37
5	16QAM	12	0	21.47	21.51	21.33
5	16QAM	12	7	21.44	21.47	21.42
5	16QAM	12	13	21.45	21.53	21.49
5	16QAM	25	0	21.41	21.51	21.45
5	64QAM	1	0	21.43	21.54	21.62
5	64QAM	1	12	21.44	21.45	21.43
5	64QAM	1	24	21.50	21.43	21.42
5	64QAM	12	0	20.61	20.73	20.58
5	64QAM	12	7	20.59	20.40	20.31
5	64QAM	12	13	20.57	20.49	20.57
5	64QAM	25	0	20.52	20.53	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	23.00	23.20	23.19
3	QPSK	1	8	22.84	23.08	22.91
3	QPSK	1	14	22.71	22.84	22.71
3	QPSK	8	0	22.37	22.51	22.36
3	QPSK	8	4	22.25	22.28	22.43
3	QPSK	8	7	22.33	22.51	22.30
3	QPSK	15	0	22.20	22.47	22.45
3	16QAM	1	0	22.34	22.43	22.41
3	16QAM	1	8	22.16	22.37	22.24
3	16QAM	1	14	22.11	22.15	22.36
3	16QAM	8	0	21.46	21.51	21.38
3	16QAM	8	4	21.43	21.43	21.45
3	16QAM	8	7	21.41	21.54	21.50
3	16QAM	15	0	21.42	21.50	21.51
3	64QAM	1	0	21.42	21.54	21.64
3	64QAM	1	8	21.40	21.46	21.42
3	64QAM	1	14	21.49	21.42	21.42
3	64QAM	8	0	20.64	20.74	20.56
3	64QAM	8	4	20.56	20.43	20.30
3	64QAM	8	7	20.54	20.49	20.54
3	64QAM	15	0	20.49	20.51	20.46



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				131979	132322	132665
Frequency (MHz)				1710.7	1745	1779.3
1.4	QPSK	1	0	22.98	23.18	23.17
1.4	QPSK	1	3	22.82	23.06	22.89
1.4	QPSK	1	5	22.69	22.82	22.69
1.4	QPSK	3	0	22.35	22.49	22.34
1.4	QPSK	3	1	22.23	22.26	22.41
1.4	QPSK	3	3	22.31	22.49	22.28
1.4	QPSK	6	0	22.18	22.45	22.43
1.4	16QAM	1	0	22.32	22.41	22.39
1.4	16QAM	1	3	22.14	22.35	22.22
1.4	16QAM	1	5	22.09	22.13	22.34
1.4	16QAM	3	0	21.44	21.49	21.36
1.4	16QAM	3	1	21.41	21.41	21.43
1.4	16QAM	3	3	21.39	21.52	21.48
1.4	16QAM	6	0	21.40	21.48	21.49
1.4	64QAM	1	0	21.40	21.52	21.62
1.4	64QAM	1	3	21.38	21.44	21.40
1.4	64QAM	1	5	21.47	21.40	21.40
1.4	64QAM	3	0	20.62	20.72	20.54
1.4	64QAM	3	1	20.54	20.41	20.28
1.4	64QAM	3	3	20.52	20.47	20.52
1.4	64QAM	6	0	20.47	20.49	20.44



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	22.86	22.94	22.84
20	QPSK	1	49	22.77	22.88	22.75
20	QPSK	1	99	22.68	22.85	22.70
20	QPSK	50	0	22.01	22.37	22.03
20	QPSK	50	24	22.14	22.15	22.13
20	QPSK	50	50	22.06	22.28	22.03
20	QPSK	100	0	22.10	22.26	22.18
20	16QAM	1	0	22.05	22.19	22.05
20	16QAM	1	49	21.86	22.05	22.04
20	16QAM	1	99	22.18	22.02	22.00
20	16QAM	50	0	21.26	21.41	21.44
20	16QAM	50	24	21.23	21.56	21.55
20	16QAM	50	50	21.21	21.59	21.29
20	16QAM	100	0	21.32	21.55	21.43
20	64QAM	1	0	21.37	21.67	21.41
20	64QAM	1	49	21.38	21.43	21.44
20	64QAM	1	99	21.33	21.47	21.40
20	64QAM	50	0	20.22	20.41	20.27
20	64QAM	50	24	20.12	20.17	20.37
20	64QAM	50	50	20.04	20.06	20.10
20	64QAM	100	0	20.16	20.14	20.07



LTE Band 71						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				133197	133297	133397
Frequency (MHz)				670.5	680.5	690.5
15	QPSK	1	0	22.82	22.89	22.79
15	QPSK	1	37	22.74	22.81	22.69
15	QPSK	1	74	22.65	22.80	22.64
15	QPSK	36	0	21.97	22.32	22.01
15	QPSK	36	20	22.10	22.13	22.09
15	QPSK	36	39	22.01	22.22	21.99
15	QPSK	75	0	22.06	22.20	22.14
15	16QAM	1	0	21.98	22.12	22.00
15	16QAM	1	37	21.82	21.99	22.02
15	16QAM	1	74	22.11	22.00	21.96
15	16QAM	36	0	21.22	21.37	21.40
15	16QAM	36	20	21.17	21.50	21.53
15	16QAM	36	39	21.16	21.54	21.25
15	16QAM	75	0	21.29	21.51	21.36
15	64QAM	1	0	21.35	21.63	21.36
15	64QAM	1	37	21.34	21.36	21.40
15	64QAM	1	74	21.29	21.43	21.35
15	64QAM	36	0	20.18	20.37	20.24
15	64QAM	36	20	20.05	20.14	20.32
15	64QAM	36	39	20.00	20.03	20.04
15	64QAM	75	0	20.13	20.11	20.05



LTE Band 71						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				133172	133272	133422
Frequency (MHz)				668	678	693
10	QPSK	1	0	22.75	22.83	22.76
10	QPSK	1	25	22.68	22.77	22.64
10	QPSK	1	49	22.59	22.75	22.60
10	QPSK	25	0	21.91	22.28	21.96
10	QPSK	25	12	22.06	22.10	22.07
10	QPSK	25	25	21.95	22.18	21.94
10	QPSK	50	0	22.04	22.14	22.11
10	16QAM	1	0	21.93	22.08	21.97
10	16QAM	1	25	21.79	21.95	21.96
10	16QAM	1	49	22.06	21.95	21.89
10	16QAM	25	0	21.18	21.30	21.37
10	16QAM	25	12	21.14	21.48	21.47
10	16QAM	25	25	21.10	21.52	21.21
10	16QAM	50	0	21.26	21.46	21.31
10	64QAM	1	0	21.33	21.56	21.30
10	64QAM	1	25	21.28	21.31	21.35
10	64QAM	1	49	21.25	21.38	21.32
10	64QAM	25	0	20.15	20.32	20.20
10	64QAM	25	12	20.00	20.09	20.26
10	64QAM	25	25	19.97	20.00	20.02
10	64QAM	50	0	20.10	20.05	20.02



LTE Band 71						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				133147	133247	133447
Frequency (MHz)				665.5	675.5	695.5
5	QPSK	1	0	22.77	22.85	22.76
5	QPSK	1	12	22.68	22.75	22.66
5	QPSK	1	24	22.58	22.78	22.59
5	QPSK	12	0	21.94	22.29	21.98
5	QPSK	12	7	22.06	22.11	22.07
5	QPSK	12	13	21.98	22.18	21.96
5	QPSK	25	0	22.00	22.15	22.07
5	16QAM	1	0	21.94	22.07	21.93
5	16QAM	1	12	21.75	21.95	21.98
5	16QAM	1	24	22.05	21.97	21.91
5	16QAM	12	0	21.19	21.31	21.37
5	16QAM	12	7	21.11	21.45	21.47
5	16QAM	12	13	21.13	21.49	21.22
5	16QAM	25	0	21.23	21.46	21.32
5	64QAM	1	0	21.31	21.60	21.31
5	64QAM	1	12	21.30	21.32	21.34
5	64QAM	1	24	21.22	21.40	21.32
5	64QAM	12	0	20.13	20.32	20.22
5	64QAM	12	7	20.01	20.07	20.26
5	64QAM	12	13	19.94	19.99	20.02
5	64QAM	25	0	20.07	20.08	20.01

**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	23.79	0.239	23.84	0.242	23.79	0.239
20	QPSK	1	49	23.47	0.222	23.73	0.236	23.58	0.228
20	QPSK	1	99	23.37	0.217	23.54	0.226	23.46	0.222
20	QPSK	50	0	23.00	0.200	23.02	0.200	22.92	0.196
20	QPSK	50	24	22.85	0.193	22.89	0.195	22.98	0.199
20	QPSK	50	50	22.98	0.199	23.05	0.202	22.95	0.197
20	QPSK	100	0	22.88	0.194	23.07	0.203	23.00	0.200
20	16QAM	1	0	22.96	0.198	23.05	0.202	22.96	0.198
20	16QAM	1	49	22.79	0.190	23.02	0.200	22.89	0.195
20	16QAM	1	99	22.81	0.191	22.86	0.193	22.88	0.194
20	16QAM	50	0	22.28	0.169	22.34	0.171	22.30	0.170
20	16QAM	50	24	22.10	0.162	22.26	0.168	22.19	0.166
20	16QAM	50	50	22.10	0.162	22.25	0.168	22.11	0.163
20	16QAM	100	0	22.07	0.161	22.22	0.167	22.12	0.163
20	64QAM	1	0	22.12	0.163	22.24	0.167	22.28	0.169
20	64QAM	1	49	22.17	0.165	22.19	0.166	22.12	0.163
20	64QAM	1	99	22.07	0.161	22.10	0.162	22.10	0.162
20	64QAM	50	0	21.27	0.134	21.37	0.137	21.21	0.132
20	64QAM	50	24	21.24	0.133	21.18	0.131	21.06	0.128
20	64QAM	50	50	21.19	0.132	21.16	0.131	21.23	0.133
20	64QAM	100	0	21.19	0.132	21.22	0.132	21.08	0.128



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	23.76	0.238	23.79	0.239	23.75	0.237
15	QPSK	1	37	23.44	0.221	23.70	0.234	23.55	0.226
15	QPSK	1	74	23.33	0.215	23.48	0.223	23.40	0.219
15	QPSK	36	0	22.95	0.197	22.96	0.198	22.85	0.193
15	QPSK	36	20	22.80	0.191	22.87	0.194	22.94	0.197
15	QPSK	36	39	22.94	0.197	23.02	0.200	22.90	0.195
15	QPSK	75	0	22.82	0.191	23.01	0.200	22.96	0.198
15	16QAM	1	0	22.89	0.195	23.01	0.200	22.90	0.195
15	16QAM	1	37	22.75	0.188	22.98	0.199	22.87	0.194
15	16QAM	1	74	22.77	0.189	22.82	0.191	22.82	0.191
15	16QAM	36	0	22.22	0.167	22.33	0.171	22.24	0.167
15	16QAM	36	20	22.01	0.159	22.25	0.168	22.16	0.164
15	16QAM	36	39	22.07	0.161	22.22	0.167	22.16	0.164
15	16QAM	75	0	21.98	0.158	22.15	0.164	22.04	0.160
15	64QAM	1	0	22.06	0.161	22.22	0.167	22.21	0.166
15	64QAM	1	37	22.12	0.163	22.13	0.163	22.06	0.161
15	64QAM	1	74	22.04	0.160	22.05	0.160	22.03	0.160
15	64QAM	36	0	21.21	0.132	21.32	0.136	21.18	0.131
15	64QAM	36	20	21.19	0.132	21.16	0.131	20.99	0.126
15	64QAM	36	39	21.15	0.130	21.11	0.129	21.20	0.132
15	64QAM	75	0	21.16	0.131	21.17	0.131	21.03	0.127



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	23.75	0.237	23.77	0.238	23.73	0.236
10	QPSK	1	25	23.44	0.221	23.68	0.233	23.55	0.226
10	QPSK	1	49	23.34	0.216	23.50	0.224	23.40	0.219
10	QPSK	25	0	22.93	0.196	22.97	0.198	22.90	0.195
10	QPSK	25	12	22.80	0.191	22.85	0.193	22.95	0.197
10	QPSK	25	25	22.91	0.195	23.03	0.201	22.90	0.195
10	QPSK	50	0	22.84	0.192	23.04	0.201	22.94	0.197
10	16QAM	1	0	22.89	0.195	22.99	0.199	22.92	0.196
10	16QAM	1	25	22.74	0.188	22.96	0.198	22.86	0.193
10	16QAM	1	49	22.79	0.190	22.83	0.192	22.85	0.193
10	16QAM	25	0	22.21	0.166	22.36	0.172	22.25	0.168
10	16QAM	25	12	21.97	0.157	22.25	0.168	22.15	0.164
10	16QAM	25	25	22.05	0.160	22.20	0.166	22.13	0.163
10	16QAM	50	0	21.99	0.158	22.15	0.164	22.07	0.161
10	64QAM	1	0	22.06	0.161	22.20	0.166	22.23	0.167
10	64QAM	1	25	22.12	0.163	22.16	0.164	22.07	0.161
10	64QAM	1	49	22.04	0.160	22.08	0.161	22.05	0.160
10	64QAM	25	0	21.25	0.133	21.31	0.135	21.19	0.132
10	64QAM	25	12	21.20	0.132	21.11	0.129	20.99	0.126
10	64QAM	25	25	21.16	0.131	21.10	0.129	21.18	0.131
10	64QAM	50	0	21.13	0.130	21.18	0.131	21.02	0.126



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	23.72	0.236	23.73	0.236	23.71	0.235
5	QPSK	1	12	23.39	0.218	23.65	0.232	23.51	0.224
5	QPSK	1	24	23.28	0.213	23.44	0.221	23.34	0.216
5	QPSK	12	0	22.90	0.195	22.91	0.195	22.83	0.192
5	QPSK	12	7	22.78	0.190	22.80	0.191	22.92	0.196
5	QPSK	12	13	22.86	0.193	22.98	0.199	22.86	0.193
5	QPSK	25	0	22.80	0.191	23.00	0.200	22.90	0.195
5	16QAM	1	0	22.83	0.192	22.96	0.198	22.88	0.194
5	16QAM	1	12	22.71	0.187	22.91	0.195	22.80	0.191
5	16QAM	1	24	22.75	0.188	22.80	0.191	22.82	0.191
5	16QAM	12	0	22.19	0.166	22.32	0.171	22.20	0.166
5	16QAM	12	7	22.01	0.159	22.24	0.167	22.09	0.162
5	16QAM	12	13	22.06	0.161	22.24	0.167	22.13	0.163
5	16QAM	25	0	21.98	0.158	22.10	0.162	22.08	0.161
5	64QAM	1	0	22.04	0.160	22.14	0.164	22.18	0.165
5	64QAM	1	12	22.07	0.161	22.12	0.163	22.04	0.160
5	64QAM	1	24	22.01	0.159	22.04	0.160	22.00	0.158
5	64QAM	12	0	21.22	0.132	21.28	0.134	21.13	0.130
5	64QAM	12	7	21.16	0.131	21.05	0.127	20.92	0.124
5	64QAM	12	13	21.13	0.130	21.07	0.128	21.14	0.130
5	64QAM	25	0	21.08	0.128	21.13	0.130	21.00	0.126



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	23.72	0.236	23.73	0.236	23.68	0.233
3	QPSK	1	8	23.38	0.218	23.63	0.231	23.52	0.225
3	QPSK	1	14	23.30	0.214	23.45	0.221	23.38	0.218
3	QPSK	8	0	22.90	0.195	22.91	0.195	22.87	0.194
3	QPSK	8	4	22.73	0.187	22.80	0.191	22.92	0.196
3	QPSK	8	7	22.89	0.195	22.97	0.198	22.86	0.193
3	QPSK	15	0	22.82	0.191	23.02	0.200	22.91	0.195
3	16QAM	1	0	22.83	0.192	22.93	0.196	22.86	0.193
3	16QAM	1	8	22.70	0.186	22.92	0.196	22.84	0.192
3	16QAM	1	14	22.72	0.187	22.80	0.191	22.79	0.190
3	16QAM	8	0	22.19	0.166	22.37	0.173	22.21	0.166
3	16QAM	8	4	22.00	0.158	22.27	0.169	22.13	0.163
3	16QAM	8	7	22.08	0.161	22.19	0.166	22.15	0.164
3	16QAM	15	0	22.00	0.158	22.11	0.163	22.06	0.161
3	64QAM	1	0	22.01	0.159	22.17	0.165	22.18	0.165
3	64QAM	1	8	22.07	0.161	22.10	0.162	22.03	0.160
3	64QAM	1	14	22.00	0.158	22.04	0.160	21.98	0.158
3	64QAM	8	0	21.22	0.132	21.26	0.134	21.16	0.131
3	64QAM	8	4	21.17	0.131	21.06	0.128	20.94	0.124
3	64QAM	8	7	21.12	0.129	21.04	0.127	21.13	0.130
3	64QAM	15	0	21.11	0.129	21.16	0.131	20.95	0.124



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	23.71	0.235	23.72	0.236	23.67	0.233
1.4	QPSK	1	3	23.37	0.217	23.62	0.230	23.51	0.224
1.4	QPSK	1	5	23.29	0.213	23.44	0.221	23.37	0.217
1.4	QPSK	3	0	22.89	0.195	22.90	0.195	22.86	0.193
1.4	QPSK	3	1	22.72	0.187	22.79	0.190	22.91	0.195
1.4	QPSK	3	3	22.88	0.194	22.96	0.198	22.85	0.193
1.4	QPSK	6	0	22.81	0.191	23.01	0.200	22.90	0.195
1.4	16QAM	1	0	22.82	0.191	22.92	0.196	22.85	0.193
1.4	16QAM	1	3	22.69	0.186	22.91	0.195	22.83	0.192
1.4	16QAM	1	5	22.71	0.187	22.79	0.190	22.78	0.190
1.4	16QAM	3	0	22.18	0.165	22.36	0.172	22.20	0.166
1.4	16QAM	3	1	21.99	0.158	22.26	0.168	22.12	0.163
1.4	16QAM	3	3	22.07	0.161	22.18	0.165	22.14	0.164
1.4	16QAM	6	0	21.99	0.158	22.10	0.162	22.05	0.160
1.4	64QAM	1	0	22.00	0.158	22.16	0.164	22.17	0.165
1.4	64QAM	1	3	22.06	0.161	22.09	0.162	22.02	0.159
1.4	64QAM	1	5	21.99	0.158	22.03	0.160	21.97	0.157
1.4	64QAM	3	0	21.21	0.132	21.25	0.133	21.15	0.130
1.4	64QAM	3	1	21.16	0.131	21.05	0.127	20.93	0.124
1.4	64QAM	3	3	21.11	0.129	21.03	0.127	21.12	0.129
1.4	64QAM	6	0	21.10	0.129	21.15	0.130	20.94	0.124



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20050		20175		20300	
Frequency (MHz)				1720		1732.5		1745	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	23.43	0.220	23.56	0.227	23.49	0.223
20	QPSK	1	49	23.22	0.210	23.49	0.223	23.24	0.211
20	QPSK	1	99	23.14	0.206	23.23	0.210	23.15	0.207
20	QPSK	50	0	22.79	0.190	22.87	0.194	22.77	0.189
20	QPSK	50	24	22.60	0.182	22.74	0.188	22.83	0.192
20	QPSK	50	50	22.75	0.188	22.86	0.193	22.69	0.186
20	QPSK	100	0	22.62	0.183	22.94	0.197	22.75	0.188
20	16QAM	1	0	22.71	0.187	22.81	0.191	22.77	0.189
20	16QAM	1	49	22.61	0.182	22.80	0.191	22.69	0.186
20	16QAM	1	99	22.55	0.180	22.60	0.182	22.74	0.188
20	16QAM	50	0	21.76	0.150	21.97	0.157	21.87	0.154
20	16QAM	50	24	21.80	0.151	22.10	0.162	22.00	0.158
20	16QAM	50	50	21.85	0.153	22.01	0.159	21.98	0.158
20	16QAM	100	0	21.85	0.153	21.99	0.158	21.90	0.155
20	64QAM	1	0	21.77	0.150	21.89	0.155	22.02	0.159
20	64QAM	1	49	21.84	0.153	21.86	0.153	21.84	0.153
20	64QAM	1	99	21.83	0.152	21.76	0.150	21.83	0.152
20	64QAM	50	0	20.95	0.124	21.12	0.129	20.97	0.125
20	64QAM	50	24	20.89	0.123	20.81	0.121	20.76	0.119
20	64QAM	50	50	20.90	0.123	20.93	0.124	20.86	0.122
20	64QAM	100	0	20.91	0.123	20.86	0.122	20.83	0.121



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	23.37	0.217	23.53	0.225	23.45	0.221
15	QPSK	1	37	23.17	0.207	23.45	0.221	23.18	0.208
15	QPSK	1	74	23.11	0.205	23.18	0.208	23.10	0.204
15	QPSK	36	0	22.74	0.188	22.80	0.191	22.73	0.187
15	QPSK	36	20	22.56	0.180	22.67	0.185	22.80	0.191
15	QPSK	36	39	22.72	0.187	22.80	0.191	22.65	0.184
15	QPSK	75	0	22.55	0.180	22.91	0.195	22.72	0.187
15	16QAM	1	0	22.66	0.185	22.77	0.189	22.73	0.187
15	16QAM	1	37	22.58	0.181	22.76	0.189	22.66	0.185
15	16QAM	1	74	22.53	0.179	22.58	0.181	22.67	0.185
15	16QAM	36	0	21.72	0.149	21.92	0.156	21.76	0.150
15	16QAM	36	20	21.84	0.153	22.06	0.161	21.93	0.156
15	16QAM	36	39	21.79	0.151	21.96	0.157	21.88	0.154
15	16QAM	75	0	21.81	0.152	21.94	0.156	21.79	0.151
15	64QAM	1	0	21.71	0.148	21.84	0.153	21.96	0.157
15	64QAM	1	37	21.79	0.151	21.81	0.152	21.81	0.152
15	64QAM	1	74	21.79	0.151	21.72	0.149	21.81	0.152
15	64QAM	36	0	20.90	0.123	21.09	0.129	20.91	0.123
15	64QAM	36	20	20.84	0.121	20.74	0.119	20.74	0.119
15	64QAM	36	39	20.83	0.121	20.87	0.122	20.84	0.121
15	64QAM	75	0	20.86	0.122	20.80	0.120	20.77	0.119



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20000		20175		20350	
Frequency (MHz)				1715		1732.5		1750	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	23.39	0.218	23.50	0.224	23.44	0.221
10	QPSK	1	25	23.17	0.207	23.43	0.220	23.19	0.208
10	QPSK	1	49	23.09	0.204	23.18	0.208	23.09	0.204
10	QPSK	25	0	22.76	0.189	22.80	0.191	22.71	0.187
10	QPSK	25	12	22.56	0.180	22.72	0.187	22.80	0.191
10	QPSK	25	25	22.70	0.186	22.82	0.191	22.63	0.183
10	QPSK	50	0	22.55	0.180	22.89	0.195	22.70	0.186
10	16QAM	1	0	22.66	0.185	22.78	0.190	22.71	0.187
10	16QAM	1	25	22.56	0.180	22.74	0.188	22.62	0.183
10	16QAM	1	49	22.48	0.177	22.55	0.180	22.70	0.186
10	16QAM	25	0	21.73	0.149	21.90	0.155	21.77	0.150
10	16QAM	25	12	21.78	0.151	22.06	0.161	21.90	0.155
10	16QAM	25	25	21.77	0.150	21.97	0.157	21.87	0.154
10	16QAM	50	0	21.81	0.152	21.94	0.156	21.84	0.153
10	64QAM	1	0	21.75	0.150	21.85	0.153	21.97	0.157
10	64QAM	1	25	21.82	0.152	21.81	0.152	21.82	0.152
10	64QAM	1	49	21.80	0.151	21.69	0.148	21.80	0.151
10	64QAM	25	0	20.92	0.124	21.09	0.129	20.90	0.123
10	64QAM	25	12	20.82	0.121	20.75	0.119	20.71	0.118
10	64QAM	25	25	20.87	0.122	20.86	0.122	20.80	0.120
10	64QAM	50	0	20.89	0.123	20.82	0.121	20.78	0.120



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				19975		20175		20375	
Frequency (MHz)				1712.5		1732.5		1752.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	23.32	0.215	23.43	0.220	23.40	0.219
5	QPSK	1	12	23.14	0.206	23.39	0.218	23.15	0.207
5	QPSK	1	24	23.08	0.203	23.15	0.207	23.06	0.202
5	QPSK	12	0	22.71	0.187	22.81	0.191	22.67	0.185
5	QPSK	12	7	22.53	0.179	22.65	0.184	22.76	0.189
5	QPSK	12	13	22.64	0.184	22.76	0.189	22.60	0.182
5	QPSK	25	0	22.56	0.180	22.87	0.194	22.64	0.184
5	16QAM	1	0	22.61	0.182	22.70	0.186	22.70	0.186
5	16QAM	1	12	22.53	0.179	22.72	0.187	22.62	0.183
5	16QAM	1	24	22.47	0.177	22.54	0.179	22.66	0.185
5	16QAM	12	0	21.73	0.149	21.91	0.155	21.80	0.151
5	16QAM	12	7	21.77	0.150	22.07	0.161	21.94	0.156
5	16QAM	12	13	21.79	0.151	22.02	0.159	21.88	0.154
5	16QAM	25	0	21.80	0.151	21.95	0.157	21.78	0.151
5	64QAM	1	0	21.65	0.146	21.83	0.152	21.89	0.155
5	64QAM	1	12	21.72	0.149	21.77	0.150	21.75	0.150
5	64QAM	1	24	21.79	0.151	21.68	0.147	21.71	0.148
5	64QAM	12	0	20.82	0.121	21.06	0.128	20.87	0.122
5	64QAM	12	7	20.82	0.121	20.74	0.119	20.64	0.116
5	64QAM	12	13	20.81	0.121	20.85	0.122	20.76	0.119
5	64QAM	25	0	20.80	0.120	20.75	0.119	20.75	0.119



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	23.29	0.213	23.44	0.221	23.39	0.218
3	QPSK	1	8	23.12	0.205	23.40	0.219	23.11	0.205
3	QPSK	1	14	23.07	0.203	23.13	0.206	23.05	0.202
3	QPSK	8	0	22.67	0.185	22.78	0.190	22.68	0.185
3	QPSK	8	4	22.52	0.179	22.63	0.183	22.73	0.187
3	QPSK	8	7	22.66	0.185	22.75	0.188	22.61	0.182
3	QPSK	15	0	22.56	0.180	22.87	0.194	22.65	0.184
3	16QAM	1	0	22.59	0.182	22.69	0.186	22.70	0.186
3	16QAM	1	8	22.50	0.178	22.74	0.188	22.60	0.182
3	16QAM	1	14	22.43	0.175	22.51	0.178	22.70	0.186
3	16QAM	8	0	21.68	0.147	21.94	0.156	21.77	0.150
3	16QAM	8	4	21.82	0.152	22.09	0.162	21.92	0.156
3	16QAM	8	7	21.77	0.150	22.03	0.160	21.92	0.156
3	16QAM	15	0	21.83	0.152	21.95	0.157	21.83	0.152
3	64QAM	1	0	21.65	0.146	21.80	0.151	21.90	0.155
3	64QAM	1	8	21.72	0.149	21.77	0.150	21.71	0.148
3	64QAM	1	14	21.79	0.151	21.64	0.146	21.73	0.149
3	64QAM	8	0	20.87	0.122	21.04	0.127	20.89	0.123
3	64QAM	8	4	20.80	0.120	20.75	0.119	20.64	0.116
3	64QAM	8	7	20.84	0.121	20.84	0.121	20.77	0.119
3	64QAM	15	0	20.81	0.121	20.77	0.119	20.75	0.119



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	23.26	0.212	23.41	0.219	23.36	0.217
1.4	QPSK	1	3	23.09	0.204	23.37	0.217	23.08	0.203
1.4	QPSK	1	5	23.04	0.201	23.10	0.204	23.02	0.200
1.4	QPSK	3	0	22.64	0.184	22.75	0.188	22.65	0.184
1.4	QPSK	3	1	22.49	0.177	22.60	0.182	22.70	0.186
1.4	QPSK	3	3	22.63	0.183	22.72	0.187	22.58	0.181
1.4	QPSK	6	0	22.53	0.179	22.84	0.192	22.62	0.183
1.4	16QAM	1	0	22.56	0.180	22.66	0.185	22.67	0.185
1.4	16QAM	1	3	22.47	0.177	22.71	0.187	22.57	0.181
1.4	16QAM	1	5	22.40	0.174	22.48	0.177	22.67	0.185
1.4	16QAM	3	0	21.65	0.146	21.91	0.155	21.74	0.149
1.4	16QAM	3	1	21.79	0.151	22.06	0.161	21.89	0.155
1.4	16QAM	3	3	21.74	0.149	22.00	0.158	21.89	0.155
1.4	16QAM	6	0	21.80	0.151	21.92	0.156	21.80	0.151
1.4	64QAM	1	0	21.62	0.145	21.77	0.150	21.87	0.154
1.4	64QAM	1	3	21.69	0.148	21.74	0.149	21.68	0.147
1.4	64QAM	1	5	21.76	0.150	21.61	0.145	21.70	0.148
1.4	64QAM	3	0	20.84	0.121	21.01	0.126	20.86	0.122
1.4	64QAM	3	1	20.77	0.119	20.72	0.118	20.61	0.115
1.4	64QAM	3	3	20.81	0.121	20.81	0.121	20.74	0.119
1.4	64QAM	6	0	20.78	0.120	20.74	0.119	20.72	0.118



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	20.06	0.101	20.17	0.104	20.04	0.101
10	QPSK	1	25	20.02	0.100	20.11	0.103	19.96	0.099
10	QPSK	1	49	19.87	0.097	19.90	0.098	19.88	0.097
10	QPSK	25	0	19.17	0.083	19.52	0.090	19.24	0.084
10	QPSK	25	12	19.33	0.086	19.32	0.086	19.27	0.085
10	QPSK	25	25	19.34	0.086	19.40	0.087	19.27	0.085
10	QPSK	50	0	19.37	0.086	19.45	0.088	19.34	0.086
10	16QAM	1	0	19.33	0.086	19.26	0.084	19.14	0.082
10	16QAM	1	25	19.13	0.082	19.27	0.085	19.22	0.084
10	16QAM	1	49	19.28	0.085	19.16	0.082	19.16	0.082
10	16QAM	25	0	18.40	0.069	18.64	0.073	18.61	0.073
10	16QAM	25	12	18.48	0.070	18.71	0.074	18.66	0.073
10	16QAM	25	25	18.44	0.070	18.70	0.074	18.49	0.071
10	16QAM	50	0	18.63	0.073	18.89	0.077	18.75	0.075
10	64QAM	1	0	18.50	0.071	18.69	0.074	18.52	0.071
10	64QAM	1	25	18.50	0.071	18.63	0.073	18.64	0.073
10	64QAM	1	49	18.48	0.070	18.66	0.073	18.64	0.073
10	64QAM	25	0	17.47	0.056	17.58	0.057	17.47	0.056
10	64QAM	25	12	17.25	0.053	17.24	0.053	17.44	0.055
10	64QAM	25	25	17.32	0.054	17.20	0.052	17.34	0.054
10	64QAM	50	0	17.33	0.054	17.23	0.053	17.25	0.053



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	20.00	0.100	20.11	0.103	19.98	0.100
5	QPSK	1	12	19.88	0.097	20.06	0.101	19.91	0.098
5	QPSK	1	24	19.75	0.094	19.87	0.097	19.83	0.096
5	QPSK	12	0	19.14	0.082	19.47	0.089	19.17	0.083
5	QPSK	12	7	19.30	0.085	19.29	0.085	19.23	0.084
5	QPSK	12	13	19.32	0.086	19.33	0.086	19.22	0.084
5	QPSK	25	0	19.31	0.085	19.43	0.088	19.27	0.085
5	16QAM	1	0	19.26	0.084	19.22	0.084	19.08	0.081
5	16QAM	1	12	19.08	0.081	19.24	0.084	19.17	0.083
5	16QAM	1	24	19.24	0.084	19.11	0.081	19.13	0.082
5	16QAM	12	0	18.35	0.068	18.60	0.072	18.57	0.072
5	16QAM	12	7	18.45	0.070	18.68	0.074	18.62	0.073
5	16QAM	12	13	18.40	0.069	18.65	0.073	18.46	0.070
5	16QAM	25	0	18.56	0.072	18.84	0.077	18.69	0.074
5	64QAM	1	0	18.46	0.070	18.64	0.073	18.46	0.070
5	64QAM	1	12	18.45	0.070	18.60	0.072	18.58	0.072
5	64QAM	1	24	18.44	0.070	18.60	0.072	18.61	0.073
5	64QAM	12	0	17.41	0.055	17.52	0.056	17.41	0.055
5	64QAM	12	7	17.19	0.052	17.20	0.052	17.40	0.055
5	64QAM	12	13	17.29	0.054	17.15	0.052	17.28	0.053
5	64QAM	25	0	17.28	0.053	17.18	0.052	17.22	0.053



LTE Band 5				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20415		20525		20635	
Frequency (MHz)				825.5		836.5		847.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	19.99	0.100	20.08	0.102	19.98	0.100
3	QPSK	1	8	19.86	0.097	20.08	0.102	19.92	0.098
3	QPSK	1	14	19.72	0.094	19.86	0.097	19.85	0.097
3	QPSK	8	0	19.15	0.082	19.49	0.089	19.20	0.083
3	QPSK	8	4	19.30	0.085	19.30	0.085	19.22	0.084
3	QPSK	8	7	19.28	0.085	19.34	0.086	19.23	0.084
3	QPSK	15	0	19.31	0.085	19.41	0.087	19.32	0.086
3	16QAM	1	0	19.27	0.085	19.24	0.084	19.07	0.081
3	16QAM	1	8	19.11	0.081	19.25	0.084	19.15	0.082
3	16QAM	1	14	19.23	0.084	19.14	0.082	19.12	0.082
3	16QAM	8	0	18.36	0.069	18.60	0.072	18.59	0.072
3	16QAM	8	4	18.45	0.070	18.66	0.073	18.61	0.073
3	16QAM	8	7	18.38	0.069	18.65	0.073	18.42	0.070
3	16QAM	15	0	18.58	0.072	18.86	0.077	18.69	0.074
3	64QAM	1	0	18.45	0.070	18.64	0.073	18.48	0.070
3	64QAM	1	8	18.47	0.070	18.56	0.072	18.60	0.072
3	64QAM	1	14	18.43	0.070	18.61	0.073	18.60	0.072
3	64QAM	8	0	17.43	0.055	17.54	0.057	17.44	0.055
3	64QAM	8	4	17.22	0.053	17.21	0.053	17.38	0.055
3	64QAM	8	7	17.26	0.053	17.16	0.052	17.29	0.054
3	64QAM	15	0	17.30	0.054	17.21	0.053	17.22	0.053



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	20.01	0.100	20.08	0.102	20.00	0.100
1.4	QPSK	1	3	19.88	0.097	20.07	0.102	19.94	0.099
1.4	QPSK	1	5	19.74	0.094	19.88	0.097	19.87	0.097
1.4	QPSK	3	0	19.17	0.083	19.51	0.089	19.22	0.084
1.4	QPSK	3	1	19.32	0.086	19.32	0.086	19.24	0.084
1.4	QPSK	3	3	19.30	0.085	19.36	0.086	19.25	0.084
1.4	QPSK	6	0	19.33	0.086	19.43	0.088	19.34	0.086
1.4	16QAM	1	0	19.29	0.085	19.26	0.084	19.09	0.081
1.4	16QAM	1	3	19.13	0.082	19.27	0.085	19.17	0.083
1.4	16QAM	1	5	19.25	0.084	19.16	0.082	19.14	0.082
1.4	16QAM	3	0	18.38	0.069	18.62	0.073	18.61	0.073
1.4	16QAM	3	1	18.47	0.070	18.68	0.074	18.63	0.073
1.4	16QAM	3	3	18.40	0.069	18.67	0.074	18.44	0.070
1.4	16QAM	6	0	18.60	0.072	18.88	0.077	18.71	0.074
1.4	64QAM	1	0	18.47	0.070	18.66	0.073	18.50	0.071
1.4	64QAM	1	3	18.49	0.071	18.58	0.072	18.62	0.073
1.4	64QAM	1	5	18.45	0.070	18.63	0.073	18.62	0.073
1.4	64QAM	3	0	17.45	0.056	17.56	0.057	17.46	0.056
1.4	64QAM	3	1	17.24	0.053	17.23	0.053	17.40	0.055
1.4	64QAM	3	3	17.28	0.053	17.18	0.052	17.31	0.054
1.4	64QAM	6	0	17.32	0.054	17.23	0.053	17.24	0.053



LTE Band 7				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20850		21100		21350	
Frequency (MHz)				2510		2535		2560	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	23.57	0.228	23.65	0.232	23.57	0.228
20	QPSK	1	49	23.36	0.217	23.48	0.223	23.40	0.219
20	QPSK	1	99	23.21	0.209	23.38	0.218	23.28	0.213
20	QPSK	50	0	22.69	0.186	23.02	0.200	22.74	0.188
20	QPSK	50	24	22.78	0.190	22.74	0.188	22.76	0.189
20	QPSK	50	50	22.77	0.189	22.86	0.193	22.68	0.185
20	QPSK	100	0	22.83	0.192	22.84	0.192	22.82	0.191
20	16QAM	1	0	22.70	0.186	22.85	0.193	22.68	0.185
20	16QAM	1	49	22.49	0.177	22.71	0.187	22.68	0.185
20	16QAM	1	99	22.81	0.191	22.64	0.184	22.64	0.184
20	16QAM	50	0	21.99	0.158	22.20	0.166	22.16	0.164
20	16QAM	50	24	21.98	0.158	22.26	0.168	22.26	0.168
20	16QAM	50	50	21.97	0.157	22.36	0.172	22.10	0.162
20	16QAM	100	0	22.27	0.169	22.36	0.172	22.21	0.166
20	64QAM	1	0	21.95	0.157	22.15	0.164	21.94	0.156
20	64QAM	1	49	21.94	0.156	22.00	0.158	22.08	0.161
20	64QAM	1	99	21.87	0.154	22.05	0.160	22.09	0.162
20	64QAM	50	0	21.03	0.127	21.20	0.132	21.17	0.131
20	64QAM	50	24	21.00	0.126	20.98	0.125	21.08	0.128
20	64QAM	50	50	20.95	0.124	20.83	0.121	20.96	0.125
20	64QAM	100	0	21.02	0.126	20.88	0.122	20.78	0.120



LTE Band 7				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20825		21100		21375	
Frequency (MHz)				2507.5		2535		2562.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	23.54	0.226	23.63	0.231	23.54	0.226
15	QPSK	1	37	23.31	0.214	23.44	0.221	23.34	0.216
15	QPSK	1	74	23.17	0.207	23.34	0.216	23.22	0.210
15	QPSK	36	0	22.64	0.184	22.99	0.199	22.71	0.187
15	QPSK	36	20	22.71	0.187	22.70	0.186	22.73	0.187
15	QPSK	36	39	22.72	0.187	22.80	0.191	22.66	0.185
15	QPSK	75	0	22.77	0.189	22.81	0.191	22.79	0.190
15	16QAM	1	0	22.67	0.185	22.75	0.188	22.64	0.184
15	16QAM	1	37	22.42	0.175	22.65	0.184	22.66	0.185
15	16QAM	1	74	22.76	0.189	22.58	0.181	22.59	0.182
15	16QAM	36	0	21.94	0.156	22.17	0.165	22.11	0.163
15	16QAM	36	20	21.92	0.156	22.20	0.166	22.23	0.167
15	16QAM	36	39	21.92	0.156	22.33	0.171	22.07	0.161
15	16QAM	75	0	22.22	0.167	22.32	0.171	22.16	0.164
15	64QAM	1	0	21.90	0.155	22.11	0.163	21.90	0.155
15	64QAM	1	37	21.88	0.154	21.93	0.156	22.02	0.159
15	64QAM	1	74	21.85	0.153	22.01	0.159	22.02	0.159
15	64QAM	36	0	20.97	0.125	21.17	0.131	21.13	0.130
15	64QAM	36	20	20.98	0.125	20.92	0.124	21.03	0.127
15	64QAM	36	39	20.91	0.123	20.77	0.119	20.90	0.123
15	64QAM	75	0	20.98	0.125	20.84	0.121	20.75	0.119



LTE Band 7				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20800		21100		21400	
Frequency (MHz)				2505		2535		2565	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	23.54	0.226	23.62	0.230	23.52	0.225
10	QPSK	1	25	23.29	0.213	23.43	0.220	23.34	0.216
10	QPSK	1	49	23.18	0.208	23.35	0.216	23.24	0.211
10	QPSK	25	0	22.65	0.184	22.97	0.198	22.72	0.187
10	QPSK	25	12	22.76	0.189	22.71	0.187	22.70	0.186
10	QPSK	25	25	22.74	0.188	22.80	0.191	22.64	0.184
10	QPSK	50	0	22.80	0.191	22.79	0.190	22.76	0.189
10	16QAM	1	0	22.64	0.184	22.77	0.189	22.66	0.185
10	16QAM	1	25	22.43	0.175	22.64	0.184	22.63	0.183
10	16QAM	1	49	22.77	0.189	22.61	0.182	22.59	0.182
10	16QAM	25	0	21.94	0.156	22.16	0.164	22.12	0.163
10	16QAM	25	12	21.95	0.157	22.22	0.167	22.24	0.167
10	16QAM	25	25	21.91	0.155	22.30	0.170	22.07	0.161
10	16QAM	50	0	22.23	0.167	22.31	0.170	22.19	0.166
10	64QAM	1	0	21.90	0.155	22.12	0.163	21.88	0.154
10	64QAM	1	25	21.89	0.155	21.95	0.157	22.05	0.160
10	64QAM	1	49	21.85	0.153	22.01	0.159	22.04	0.160
10	64QAM	25	0	20.96	0.125	21.15	0.130	21.13	0.130
10	64QAM	25	12	20.97	0.125	20.92	0.124	21.04	0.127
10	64QAM	25	25	20.90	0.123	20.80	0.120	20.91	0.123
10	64QAM	50	0	20.99	0.126	20.86	0.122	20.74	0.119



LTE Band 7				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20775		21100		21425	
Frequency (MHz)				2502.5		2535		2567.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	23.51	0.224	23.59	0.229	23.48	0.223
5	QPSK	1	12	23.26	0.212	23.37	0.217	23.28	0.213
5	QPSK	1	24	23.12	0.205	23.30	0.214	23.20	0.209
5	QPSK	12	0	22.62	0.183	22.92	0.196	22.65	0.184
5	QPSK	12	7	22.71	0.187	22.65	0.184	22.67	0.185
5	QPSK	12	13	22.68	0.185	22.76	0.189	22.59	0.182
5	QPSK	25	0	22.73	0.187	22.77	0.189	22.70	0.186
5	16QAM	1	0	22.61	0.182	22.72	0.187	22.61	0.182
5	16QAM	1	12	22.37	0.173	22.59	0.182	22.58	0.181
5	16QAM	1	24	22.71	0.187	22.54	0.179	22.57	0.181
5	16QAM	12	0	21.88	0.154	22.12	0.163	22.07	0.161
5	16QAM	12	7	21.92	0.156	22.19	0.166	22.20	0.166
5	16QAM	12	13	21.86	0.153	22.26	0.168	22.01	0.159
5	16QAM	25	0	22.18	0.165	22.25	0.168	22.14	0.164
5	64QAM	1	0	21.88	0.154	22.08	0.161	21.86	0.153
5	64QAM	1	12	21.85	0.153	21.91	0.155	21.98	0.158
5	64QAM	1	24	21.78	0.151	21.97	0.157	21.99	0.158
5	64QAM	12	0	20.93	0.124	21.11	0.129	21.08	0.128
5	64QAM	12	7	20.94	0.124	20.86	0.122	20.99	0.126
5	64QAM	12	13	20.84	0.121	20.78	0.120	20.85	0.122
5	64QAM	25	0	20.93	0.124	20.81	0.121	20.69	0.117



LTE Band 12				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23060		23095		23130	
Frequency (MHz)				704		707.5		711	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	19.40	0.087	19.53	0.090	19.51	0.089
10	QPSK	1	25	19.27	0.085	19.45	0.088	19.39	0.087
10	QPSK	1	49	19.15	0.082	19.22	0.084	19.26	0.084
10	QPSK	25	0	18.63	0.073	18.88	0.077	18.67	0.074
10	QPSK	25	12	18.77	0.075	18.80	0.076	18.72	0.074
10	QPSK	25	25	18.68	0.074	18.75	0.075	18.70	0.074
10	QPSK	50	0	18.83	0.076	18.88	0.077	18.72	0.074
10	16QAM	1	0	18.67	0.074	18.72	0.074	18.57	0.072
10	16QAM	1	25	18.54	0.071	18.63	0.073	18.63	0.073
10	16QAM	1	49	18.67	0.074	18.63	0.073	18.58	0.072
10	16QAM	25	0	17.80	0.060	18.02	0.063	17.96	0.063
10	16QAM	25	12	17.89	0.062	18.10	0.065	18.02	0.063
10	16QAM	25	25	17.78	0.060	18.08	0.064	17.83	0.061
10	16QAM	50	0	18.09	0.064	18.34	0.068	18.13	0.065
10	64QAM	1	0	17.46	0.056	17.61	0.058	17.40	0.055
10	64QAM	1	25	17.47	0.056	17.60	0.058	17.49	0.056
10	64QAM	1	49	17.45	0.056	17.54	0.057	17.49	0.056
10	64QAM	25	0	16.88	0.049	17.05	0.051	16.82	0.048
10	64QAM	25	12	16.63	0.046	16.68	0.047	16.81	0.048
10	64QAM	25	25	16.71	0.047	16.63	0.046	16.74	0.047
10	64QAM	50	0	16.67	0.046	16.68	0.047	16.63	0.046



LTE Band 12				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23035		23095		23155	
Frequency (MHz)				701.5		707.5		713.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	19.33	0.086	19.50	0.089	19.44	0.088
5	QPSK	1	12	19.21	0.083	19.41	0.087	19.31	0.085
5	QPSK	1	24	19.08	0.081	19.17	0.083	19.21	0.083
5	QPSK	12	0	18.57	0.072	18.81	0.076	18.63	0.073
5	QPSK	12	7	18.68	0.074	18.74	0.075	18.67	0.074
5	QPSK	12	13	18.59	0.072	18.69	0.074	18.65	0.073
5	QPSK	25	0	18.78	0.076	18.84	0.077	18.68	0.074
5	16QAM	1	0	18.65	0.073	18.61	0.073	18.49	0.071
5	16QAM	1	12	18.46	0.070	18.56	0.072	18.54	0.071
5	16QAM	1	24	18.59	0.072	18.55	0.072	18.51	0.071
5	16QAM	12	0	17.71	0.059	17.95	0.062	17.89	0.062
5	16QAM	12	7	17.85	0.061	18.06	0.064	17.98	0.063
5	16QAM	12	13	17.69	0.059	18.03	0.064	17.75	0.060
5	16QAM	25	0	18.00	0.063	18.25	0.067	18.04	0.064
5	64QAM	1	0	17.39	0.055	17.54	0.057	17.33	0.054
5	64QAM	1	12	17.39	0.055	17.55	0.057	17.41	0.055
5	64QAM	1	24	17.41	0.055	17.46	0.056	17.41	0.055
5	64QAM	12	0	16.80	0.048	16.97	0.050	16.75	0.047
5	64QAM	12	7	16.55	0.045	16.62	0.046	16.72	0.047
5	64QAM	12	13	16.65	0.046	16.57	0.045	16.65	0.046
5	64QAM	25	0	16.61	0.046	16.64	0.046	16.54	0.045



LTE Band 12				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23025		23095		23165	
Frequency (MHz)				700.5		707.5		714.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	19.34	0.086	19.42	0.087	19.40	0.087
3	QPSK	1	8	19.17	0.083	19.37	0.086	19.28	0.085
3	QPSK	1	14	19.03	0.080	19.12	0.082	19.14	0.082
3	QPSK	8	0	18.48	0.070	18.75	0.075	18.56	0.072
3	QPSK	8	4	18.67	0.074	18.64	0.073	18.59	0.072
3	QPSK	8	7	18.58	0.072	18.63	0.073	18.60	0.072
3	QPSK	15	0	18.75	0.075	18.76	0.075	18.63	0.073
3	16QAM	1	0	18.59	0.072	18.56	0.072	18.45	0.070
3	16QAM	1	8	18.45	0.070	18.51	0.071	18.55	0.072
3	16QAM	1	14	18.60	0.072	18.52	0.071	18.45	0.070
3	16QAM	8	0	17.67	0.058	17.91	0.062	17.85	0.061
3	16QAM	8	4	17.79	0.060	17.97	0.063	17.94	0.062
3	16QAM	8	7	17.63	0.058	17.94	0.062	17.74	0.059
3	16QAM	15	0	17.98	0.063	18.22	0.066	18.00	0.063
3	64QAM	1	0	17.36	0.054	17.49	0.056	17.31	0.054
3	64QAM	1	8	17.36	0.054	17.47	0.056	17.39	0.055
3	64QAM	1	14	17.38	0.055	17.40	0.055	17.38	0.055
3	64QAM	8	0	16.74	0.047	16.92	0.049	16.74	0.047
3	64QAM	8	4	16.52	0.045	16.55	0.045	16.72	0.047
3	64QAM	8	7	16.56	0.045	16.54	0.045	16.63	0.046
3	64QAM	15	0	16.56	0.045	16.56	0.045	16.54	0.045



LTE Band 12				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23017		23095		23173	
Frequency (MHz)				699.7		707.5		715.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	19.29	0.085	19.37	0.086	19.35	0.086
1.4	QPSK	1	3	19.12	0.082	19.32	0.086	19.23	0.084
1.4	QPSK	1	5	18.98	0.079	19.07	0.081	19.09	0.081
1.4	QPSK	3	0	18.43	0.070	18.70	0.074	18.51	0.071
1.4	QPSK	3	1	18.62	0.073	18.59	0.072	18.54	0.071
1.4	QPSK	3	3	18.53	0.071	18.58	0.072	18.55	0.072
1.4	QPSK	6	0	18.70	0.074	18.71	0.074	18.58	0.072
1.4	16QAM	1	0	18.54	0.071	18.51	0.071	18.40	0.069
1.4	16QAM	1	3	18.40	0.069	18.46	0.070	18.50	0.071
1.4	16QAM	1	5	18.55	0.072	18.47	0.070	18.40	0.069
1.4	16QAM	3	0	17.62	0.058	17.86	0.061	17.80	0.060
1.4	16QAM	3	1	17.74	0.059	17.92	0.062	17.89	0.062
1.4	16QAM	3	3	17.58	0.057	17.89	0.062	17.69	0.059
1.4	16QAM	6	0	17.93	0.062	18.17	0.066	17.95	0.062
1.4	64QAM	1	0	17.31	0.054	17.44	0.055	17.26	0.053
1.4	64QAM	1	3	17.31	0.054	17.42	0.055	17.34	0.054
1.4	64QAM	1	5	17.33	0.054	17.35	0.054	17.33	0.054
1.4	64QAM	3	0	16.69	0.047	16.87	0.049	16.69	0.047
1.4	64QAM	3	1	16.47	0.044	16.50	0.045	16.67	0.046
1.4	64QAM	3	3	16.51	0.045	16.49	0.045	16.58	0.045
1.4	64QAM	6	0	16.51	0.045	16.51	0.045	16.49	0.045



LTE Band 17				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23780		23790		23800	
Frequency (MHz)				709		710		711	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	19.42	0.087	19.46	0.088	19.26	0.084
10	QPSK	1	25	19.21	0.083	19.36	0.086	19.19	0.083
10	QPSK	1	49	19.11	0.081	19.27	0.085	19.12	0.082
10	QPSK	25	0	18.41	0.069	18.84	0.077	18.53	0.071
10	QPSK	25	12	18.51	0.071	18.60	0.072	18.46	0.070
10	QPSK	25	25	18.66	0.073	18.74	0.075	18.58	0.072
10	QPSK	50	0	18.72	0.074	18.77	0.075	18.73	0.075
10	16QAM	1	0	18.63	0.073	18.68	0.074	18.59	0.072
10	16QAM	1	25	18.45	0.070	18.61	0.073	18.56	0.072
10	16QAM	1	49	18.63	0.073	18.47	0.070	18.49	0.071
10	16QAM	25	0	17.78	0.060	17.93	0.062	17.93	0.062
10	16QAM	25	12	17.90	0.062	18.07	0.064	17.97	0.063
10	16QAM	25	25	17.70	0.059	17.96	0.063	17.76	0.060
10	16QAM	50	0	17.89	0.062	18.20	0.066	18.00	0.063
10	64QAM	1	0	17.41	0.055	17.50	0.056	17.21	0.053
10	64QAM	1	25	17.28	0.053	17.44	0.055	17.55	0.057
10	64QAM	1	49	17.29	0.054	17.38	0.055	17.54	0.057
10	64QAM	25	0	16.78	0.048	16.86	0.049	16.76	0.047
10	64QAM	25	12	16.64	0.046	16.55	0.045	16.74	0.047
10	64QAM	25	25	16.75	0.047	16.41	0.044	16.57	0.045
10	64QAM	50	0	16.68	0.047	16.50	0.045	16.59	0.046



LTE Band 17				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23755		23790		23825	
Frequency (MHz)				706.5		710		713.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	19.32	0.086	19.37	0.086	19.18	0.083
5	QPSK	1	12	19.15	0.082	19.26	0.084	19.13	0.082
5	QPSK	1	24	19.05	0.080	19.18	0.083	19.04	0.080
5	QPSK	12	0	18.34	0.068	18.75	0.075	18.46	0.070
5	QPSK	12	7	18.46	0.070	18.52	0.071	18.36	0.069
5	QPSK	12	13	18.60	0.072	18.68	0.074	18.52	0.071
5	QPSK	25	0	18.65	0.073	18.67	0.074	18.64	0.073
5	16QAM	1	0	18.56	0.072	18.59	0.072	18.39	0.069
5	16QAM	1	12	18.35	0.068	18.58	0.072	18.47	0.070
5	16QAM	1	24	18.58	0.072	18.38	0.069	18.40	0.069
5	16QAM	12	0	17.73	0.059	17.88	0.061	17.85	0.061
5	16QAM	12	7	17.80	0.060	17.98	0.063	17.89	0.062
5	16QAM	12	13	17.61	0.058	17.88	0.061	17.69	0.059
5	16QAM	25	0	17.79	0.060	18.14	0.065	17.93	0.062
5	64QAM	1	0	17.32	0.054	17.42	0.055	17.15	0.052
5	64QAM	1	12	17.18	0.052	17.35	0.054	17.46	0.056
5	64QAM	1	24	17.23	0.053	17.28	0.053	17.47	0.056
5	64QAM	12	0	16.70	0.047	16.79	0.048	16.71	0.047
5	64QAM	12	7	16.58	0.045	16.47	0.044	16.69	0.047
5	64QAM	12	13	16.68	0.047	16.31	0.043	16.47	0.044
5	64QAM	25	0	16.60	0.046	16.42	0.044	16.50	0.045



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	23.71	0.235	23.87	0.244	23.77	0.238
20	QPSK	1	49	23.50	0.224	23.73	0.236	23.56	0.227
20	QPSK	1	99	23.39	0.218	23.61	0.230	23.43	0.220
20	QPSK	50	0	23.00	0.200	23.07	0.203	22.98	0.199
20	QPSK	50	24	22.88	0.194	22.95	0.197	22.94	0.197
20	QPSK	50	50	22.91	0.195	22.98	0.199	22.93	0.196
20	QPSK	100	0	22.93	0.196	23.04	0.201	22.99	0.199
20	16QAM	1	0	22.96	0.198	23.03	0.201	22.90	0.195
20	16QAM	1	49	22.80	0.191	23.01	0.200	22.95	0.197
20	16QAM	1	99	22.79	0.190	22.90	0.195	22.84	0.192
20	16QAM	50	0	22.03	0.160	22.21	0.166	22.10	0.162
20	16QAM	50	24	22.08	0.161	22.27	0.169	22.22	0.167
20	16QAM	50	50	22.10	0.162	22.30	0.170	22.05	0.160
20	16QAM	100	0	22.16	0.164	22.19	0.166	22.13	0.163
20	64QAM	1	0	22.13	0.163	22.18	0.165	22.20	0.166
20	64QAM	1	49	22.09	0.162	22.11	0.163	22.18	0.165
20	64QAM	1	99	22.04	0.160	22.07	0.161	22.14	0.164
20	64QAM	50	0	21.23	0.133	21.38	0.137	21.37	0.137
20	64QAM	50	24	21.17	0.131	21.24	0.133	21.26	0.134
20	64QAM	50	50	21.15	0.130	21.11	0.129	21.18	0.131
20	64QAM	100	0	21.15	0.130	21.16	0.131	21.13	0.130



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	23.65	0.232	23.80	0.240	23.70	0.234
15	QPSK	1	37	23.40	0.219	23.66	0.232	23.47	0.222
15	QPSK	1	74	23.31	0.214	23.55	0.226	23.33	0.215
15	QPSK	36	0	22.91	0.195	23.02	0.200	22.91	0.195
15	QPSK	36	20	22.83	0.192	22.88	0.194	22.84	0.192
15	QPSK	36	39	22.86	0.193	22.93	0.196	22.87	0.194
15	QPSK	75	0	22.85	0.193	22.94	0.197	22.91	0.195
15	16QAM	1	0	22.87	0.194	22.94	0.197	22.81	0.191
15	16QAM	1	37	22.72	0.187	22.93	0.196	22.89	0.195
15	16QAM	1	74	22.72	0.187	22.80	0.191	22.74	0.188
15	16QAM	36	0	21.90	0.155	22.11	0.163	22.06	0.161
15	16QAM	36	20	22.11	0.163	22.23	0.167	22.24	0.167
15	16QAM	36	39	22.06	0.161	22.19	0.166	22.02	0.159
15	16QAM	75	0	22.12	0.163	22.16	0.164	22.13	0.163
15	64QAM	1	0	22.04	0.160	22.09	0.162	22.12	0.163
15	64QAM	1	37	22.04	0.160	22.05	0.160	22.09	0.162
15	64QAM	1	74	21.98	0.158	22.02	0.159	22.06	0.161
15	64QAM	36	0	21.16	0.131	21.30	0.135	21.28	0.134
15	64QAM	36	20	21.11	0.129	21.14	0.130	21.18	0.131
15	64QAM	36	39	21.10	0.129	21.06	0.128	21.12	0.129
15	64QAM	75	0	21.09	0.129	21.08	0.128	21.03	0.127



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	23.62	0.230	23.77	0.238	23.67	0.233
10	QPSK	1	25	23.37	0.217	23.63	0.231	23.44	0.221
10	QPSK	1	49	23.28	0.213	23.52	0.225	23.30	0.214
10	QPSK	25	0	22.88	0.194	22.99	0.199	22.88	0.194
10	QPSK	25	12	22.80	0.191	22.85	0.193	22.81	0.191
10	QPSK	25	25	22.83	0.192	22.90	0.195	22.84	0.192
10	QPSK	50	0	22.82	0.191	22.91	0.195	22.88	0.194
10	16QAM	1	0	22.84	0.192	22.91	0.195	22.78	0.190
10	16QAM	1	25	22.69	0.186	22.90	0.195	22.86	0.193
10	16QAM	1	49	22.69	0.186	22.77	0.189	22.71	0.187
10	16QAM	25	0	21.87	0.154	22.10	0.162	22.07	0.161
10	16QAM	25	12	22.10	0.162	22.27	0.169	22.20	0.166
10	16QAM	25	25	22.06	0.161	22.20	0.166	22.06	0.161
10	16QAM	50	0	22.12	0.163	22.15	0.164	22.16	0.164
10	64QAM	1	0	22.01	0.159	22.06	0.161	22.09	0.162
10	64QAM	1	25	22.01	0.159	22.02	0.159	22.06	0.161
10	64QAM	1	49	21.95	0.157	21.99	0.158	22.03	0.160
10	64QAM	25	0	21.13	0.130	21.27	0.134	21.25	0.133
10	64QAM	25	12	21.08	0.128	21.11	0.129	21.15	0.130
10	64QAM	25	25	21.07	0.128	21.03	0.127	21.09	0.129
10	64QAM	50	0	21.06	0.128	21.05	0.127	21.00	0.126



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	23.59	0.229	23.74	0.237	23.64	0.231
5	QPSK	1	12	23.34	0.216	23.60	0.229	23.41	0.219
5	QPSK	1	24	23.25	0.211	23.49	0.223	23.27	0.212
5	QPSK	12	0	22.85	0.193	22.96	0.198	22.85	0.193
5	QPSK	12	7	22.77	0.189	22.82	0.191	22.78	0.190
5	QPSK	12	13	22.80	0.191	22.87	0.194	22.81	0.191
5	QPSK	25	0	22.79	0.190	22.88	0.194	22.85	0.193
5	16QAM	1	0	22.81	0.191	22.88	0.194	22.75	0.188
5	16QAM	1	12	22.66	0.185	22.87	0.194	22.83	0.192
5	16QAM	1	24	22.66	0.185	22.74	0.188	22.68	0.185
5	16QAM	12	0	21.90	0.155	22.14	0.164	22.05	0.160
5	16QAM	12	7	22.05	0.160	22.24	0.167	22.25	0.168
5	16QAM	12	13	22.10	0.162	22.22	0.167	22.04	0.160
5	16QAM	25	0	22.12	0.163	22.11	0.163	22.13	0.163
5	64QAM	1	0	21.98	0.158	22.03	0.160	22.06	0.161
5	64QAM	1	12	21.98	0.158	21.99	0.158	22.03	0.160
5	64QAM	1	24	21.92	0.156	21.96	0.157	22.00	0.158
5	64QAM	12	0	21.10	0.129	21.24	0.133	21.22	0.132
5	64QAM	12	7	21.05	0.127	21.08	0.128	21.12	0.129
5	64QAM	12	13	21.04	0.127	21.00	0.126	21.06	0.128
5	64QAM	25	0	21.03	0.127	21.02	0.126	20.97	0.125



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	23.56	0.227	23.71	0.235	23.61	0.230
3	QPSK	1	8	23.31	0.214	23.57	0.228	23.38	0.218
3	QPSK	1	14	23.22	0.210	23.46	0.222	23.24	0.211
3	QPSK	8	0	22.82	0.191	22.93	0.196	22.82	0.191
3	QPSK	8	4	22.74	0.188	22.79	0.190	22.75	0.188
3	QPSK	8	7	22.77	0.189	22.84	0.192	22.78	0.190
3	QPSK	15	0	22.76	0.189	22.85	0.193	22.82	0.191
3	16QAM	1	0	22.78	0.190	22.85	0.193	22.72	0.187
3	16QAM	1	8	22.63	0.183	22.84	0.192	22.80	0.191
3	16QAM	1	14	22.63	0.183	22.71	0.187	22.65	0.184
3	16QAM	8	0	21.94	0.156	22.13	0.163	22.08	0.161
3	16QAM	8	4	22.08	0.161	22.28	0.169	22.26	0.168
3	16QAM	8	7	22.13	0.163	22.24	0.167	22.05	0.160
3	16QAM	15	0	22.17	0.165	22.10	0.162	22.13	0.163
3	64QAM	1	0	21.95	0.157	22.00	0.158	22.03	0.160
3	64QAM	1	8	21.95	0.157	21.96	0.157	22.00	0.158
3	64QAM	1	14	21.89	0.155	21.93	0.156	21.97	0.157
3	64QAM	8	0	21.07	0.128	21.21	0.132	21.19	0.132
3	64QAM	8	4	21.02	0.126	21.05	0.127	21.09	0.129
3	64QAM	8	7	21.01	0.126	20.97	0.125	21.03	0.127
3	64QAM	15	0	21.00	0.126	20.99	0.126	20.94	0.124



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	23.54	0.226	23.69	0.234	23.59	0.229
1.4	QPSK	1	3	23.29	0.213	23.55	0.226	23.36	0.217
1.4	QPSK	1	5	23.20	0.209	23.44	0.221	23.22	0.210
1.4	QPSK	3	0	22.80	0.191	22.91	0.195	22.80	0.191
1.4	QPSK	3	1	22.72	0.187	22.77	0.189	22.73	0.187
1.4	QPSK	3	3	22.75	0.188	22.82	0.191	22.76	0.189
1.4	QPSK	6	0	22.74	0.188	22.83	0.192	22.80	0.191
1.4	16QAM	1	0	22.76	0.189	22.83	0.192	22.70	0.186
1.4	16QAM	1	3	22.61	0.182	22.82	0.191	22.78	0.190
1.4	16QAM	1	5	22.61	0.182	22.69	0.186	22.63	0.183
1.4	16QAM	3	0	21.92	0.156	22.11	0.163	22.06	0.161
1.4	16QAM	3	1	22.06	0.161	22.26	0.168	22.24	0.167
1.4	16QAM	3	3	22.11	0.163	22.22	0.167	22.03	0.160
1.4	16QAM	6	0	22.15	0.164	22.08	0.161	22.11	0.163
1.4	64QAM	1	0	21.93	0.156	21.98	0.158	22.01	0.159
1.4	64QAM	1	3	21.93	0.156	21.94	0.156	21.98	0.158
1.4	64QAM	1	5	21.87	0.154	21.91	0.155	21.95	0.157
1.4	64QAM	3	0	21.05	0.127	21.19	0.132	21.17	0.131
1.4	64QAM	3	1	21.00	0.126	21.03	0.127	21.07	0.128
1.4	64QAM	3	3	20.99	0.126	20.95	0.124	21.01	0.126
1.4	64QAM	6	0	20.98	0.125	20.97	0.125	20.92	0.124



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	20.02	0.100	19.93	0.098	20.04	0.101
15	QPSK	1	37	19.91	0.098	19.94	0.099	19.95	0.099
15	QPSK	1	74	19.85	0.097	19.77	0.095	19.86	0.097
15	QPSK	36	0	19.13	0.082	19.16	0.082	19.23	0.084
15	QPSK	36	20	19.30	0.085	19.19	0.083	19.31	0.085
15	QPSK	36	39	19.10	0.081	19.11	0.081	19.22	0.084
15	QPSK	75	0	19.31	0.085	19.36	0.086	19.37	0.086
15	16QAM	1	0	19.09	0.081	19.08	0.081	19.17	0.083
15	16QAM	1	37	19.13	0.082	19.17	0.083	19.20	0.083
15	16QAM	1	74	19.13	0.082	19.06	0.081	19.14	0.082
15	16QAM	36	0	18.43	0.070	18.34	0.068	18.44	0.070
15	16QAM	36	20	18.51	0.071	18.57	0.072	18.59	0.072
15	16QAM	36	39	18.30	0.068	18.38	0.069	18.39	0.069
15	16QAM	75	0	18.53	0.071	18.52	0.071	18.61	0.073
15	64QAM	1	0	18.17	0.066	18.15	0.065	18.19	0.066
15	64QAM	1	37	18.27	0.067	18.21	0.066	18.29	0.067
15	64QAM	1	74	18.27	0.067	18.17	0.066	18.29	0.067
15	64QAM	36	0	17.42	0.055	17.45	0.056	17.47	0.056
15	64QAM	36	20	17.37	0.055	17.43	0.055	17.47	0.056
15	64QAM	36	39	17.23	0.053	17.26	0.053	17.30	0.054
15	64QAM	75	0	17.15	0.052	17.13	0.052	17.20	0.052



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	19.98	0.100	19.94	0.099	20.01	0.100
10	QPSK	1	25	19.85	0.097	19.81	0.096	19.92	0.098
10	QPSK	1	49	19.78	0.095	19.74	0.094	19.83	0.096
10	QPSK	25	0	19.11	0.081	19.09	0.081	19.20	0.083
10	QPSK	25	12	19.18	0.083	19.24	0.084	19.28	0.085
10	QPSK	25	25	19.08	0.081	19.12	0.082	19.19	0.083
10	QPSK	50	0	19.32	0.086	19.27	0.085	19.34	0.086
10	16QAM	1	0	19.05	0.080	19.07	0.081	19.14	0.082
10	16QAM	1	25	19.16	0.082	19.07	0.081	19.17	0.083
10	16QAM	1	49	19.10	0.081	19.04	0.080	19.11	0.081
10	16QAM	25	0	18.31	0.068	18.34	0.068	18.41	0.069
10	16QAM	25	12	18.52	0.071	18.46	0.070	18.56	0.072
10	16QAM	25	25	18.31	0.068	18.25	0.067	18.36	0.069
10	16QAM	50	0	18.47	0.070	18.48	0.070	18.58	0.072
10	64QAM	1	0	18.14	0.065	18.10	0.065	18.16	0.065
10	64QAM	1	25	18.16	0.065	18.18	0.066	18.26	0.067
10	64QAM	1	49	18.14	0.065	18.16	0.065	18.26	0.067
10	64QAM	25	0	17.37	0.055	17.34	0.054	17.44	0.055
10	64QAM	25	12	17.32	0.054	17.36	0.054	17.44	0.055
10	64QAM	25	25	17.26	0.053	17.21	0.053	17.27	0.053
10	64QAM	50	0	17.14	0.052	17.05	0.051	17.17	0.052



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	19.89	0.097	19.85	0.097	19.96	0.099
5	QPSK	1	12	19.82	0.096	19.78	0.095	19.87	0.097
5	QPSK	1	24	19.71	0.094	19.66	0.092	19.78	0.095
5	QPSK	12	0	19.12	0.082	19.07	0.081	19.15	0.082
5	QPSK	12	7	19.14	0.082	19.18	0.083	19.23	0.084
5	QPSK	12	13	19.07	0.081	19.03	0.080	19.14	0.082
5	QPSK	25	0	19.21	0.083	19.20	0.083	19.29	0.085
5	16QAM	1	0	19.05	0.080	19.02	0.080	19.09	0.081
5	16QAM	1	12	19.10	0.081	19.01	0.080	19.12	0.082
5	16QAM	1	24	18.98	0.079	18.99	0.079	19.06	0.081
5	16QAM	12	0	18.33	0.068	18.27	0.067	18.36	0.069
5	16QAM	12	7	18.47	0.070	18.48	0.070	18.51	0.071
5	16QAM	12	13	18.24	0.067	18.27	0.067	18.31	0.068
5	16QAM	25	0	18.41	0.069	18.43	0.070	18.53	0.071
5	64QAM	1	0	18.01	0.063	18.03	0.064	18.11	0.065
5	64QAM	1	12	18.15	0.065	18.11	0.065	18.21	0.066
5	64QAM	1	24	18.20	0.066	18.18	0.066	18.21	0.066
5	64QAM	12	0	17.32	0.054	17.30	0.054	17.39	0.055
5	64QAM	12	7	17.32	0.054	17.30	0.054	17.39	0.055
5	64QAM	12	13	17.14	0.052	17.16	0.052	17.22	0.053
5	64QAM	25	0	17.11	0.051	17.06	0.051	17.12	0.052



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	19.89	0.097	19.83	0.096	19.91	0.098
3	QPSK	1	8	19.70	0.093	19.73	0.094	19.82	0.096
3	QPSK	1	14	19.67	0.093	19.64	0.092	19.73	0.094
3	QPSK	8	0	18.98	0.079	19.07	0.081	19.10	0.081
3	QPSK	8	4	19.10	0.081	19.17	0.083	19.18	0.083
3	QPSK	8	7	19.02	0.080	19.03	0.080	19.09	0.081
3	QPSK	15	0	19.22	0.084	19.21	0.083	19.24	0.084
3	16QAM	1	0	18.92	0.078	18.97	0.079	19.04	0.080
3	16QAM	1	8	18.97	0.079	19.01	0.080	19.07	0.081
3	16QAM	1	14	18.99	0.079	18.93	0.078	19.01	0.080
3	16QAM	8	0	18.25	0.067	18.21	0.066	18.31	0.068
3	16QAM	8	4	18.41	0.069	18.45	0.070	18.46	0.070
3	16QAM	8	7	18.23	0.067	18.25	0.067	18.26	0.067
3	16QAM	15	0	18.39	0.069	18.43	0.070	18.48	0.070
3	64QAM	1	0	17.99	0.063	18.02	0.063	18.06	0.064
3	64QAM	1	8	18.14	0.065	18.06	0.064	18.16	0.065
3	64QAM	1	14	18.11	0.065	18.05	0.064	18.16	0.065
3	64QAM	8	0	17.27	0.053	17.32	0.054	17.34	0.054
3	64QAM	8	4	17.30	0.054	17.26	0.053	17.34	0.054
3	64QAM	8	7	17.05	0.051	17.10	0.051	17.17	0.052
3	64QAM	15	0	17.00	0.050	16.95	0.050	17.07	0.051



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	19.77	0.095	19.79	0.095	19.87	0.097
1.4	QPSK	1	3	19.71	0.094	19.67	0.093	19.78	0.095
1.4	QPSK	1	5	19.60	0.091	19.65	0.092	19.69	0.093
1.4	QPSK	3	0	19.03	0.080	18.97	0.079	19.06	0.081
1.4	QPSK	3	1	19.11	0.081	19.09	0.081	19.14	0.082
1.4	QPSK	3	3	18.95	0.079	19.01	0.080	19.05	0.080
1.4	QPSK	6	0	19.10	0.081	19.12	0.082	19.20	0.083
1.4	16QAM	1	0	18.92	0.078	18.91	0.078	19.00	0.079
1.4	16QAM	1	3	18.96	0.079	18.91	0.078	19.03	0.080
1.4	16QAM	1	5	18.88	0.077	18.94	0.078	18.97	0.079
1.4	16QAM	3	0	18.18	0.066	18.23	0.067	18.27	0.067
1.4	16QAM	3	1	18.33	0.068	18.35	0.068	18.42	0.070
1.4	16QAM	3	3	18.12	0.065	18.10	0.065	18.22	0.066
1.4	16QAM	6	0	18.42	0.070	18.38	0.069	18.44	0.070
1.4	64QAM	1	0	17.90	0.062	17.92	0.062	18.02	0.063
1.4	64QAM	1	3	18.05	0.064	18.03	0.064	18.12	0.065
1.4	64QAM	1	5	18.06	0.064	18.10	0.065	18.12	0.065
1.4	64QAM	3	0	17.26	0.053	17.25	0.053	17.30	0.054
1.4	64QAM	3	1	17.18	0.052	17.18	0.052	17.30	0.054
1.4	64QAM	3	3	17.05	0.051	17.01	0.050	17.13	0.052
1.4	64QAM	6	0	16.96	0.050	17.01	0.050	17.03	0.050



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	27.27	0.533	27.38	0.547	27.24	0.530
20	QPSK	1	49	27.14	0.518	27.20	0.525	27.20	0.525
20	QPSK	1	99	26.96	0.497	27.14	0.518	27.02	0.504
20	QPSK	50	0	26.36	0.433	26.69	0.467	26.39	0.436
20	QPSK	50	24	26.49	0.446	26.42	0.439	26.50	0.447
20	QPSK	50	50	26.49	0.446	26.55	0.452	26.48	0.445
20	QPSK	100	0	26.54	0.451	26.55	0.452	26.52	0.449
20	16QAM	1	0	26.41	0.438	26.51	0.448	26.44	0.441
20	16QAM	1	49	26.22	0.419	26.35	0.432	26.16	0.413
20	16QAM	1	99	26.46	0.443	26.31	0.428	26.50	0.447
20	16QAM	50	0	25.93	0.392	25.99	0.397	25.86	0.385
20	16QAM	50	24	25.92	0.391	26.14	0.411	25.98	0.396
20	16QAM	50	50	25.88	0.387	26.28	0.425	25.89	0.388
20	16QAM	100	0	25.75	0.376	25.93	0.392	25.74	0.375
20	64QAM	1	0	25.37	0.344	25.74	0.375	25.48	0.353
20	64QAM	1	49	25.52	0.356	25.50	0.355	25.43	0.349
20	64QAM	1	99	25.36	0.344	25.58	0.361	25.33	0.341
20	64QAM	50	0	24.49	0.281	24.62	0.290	24.61	0.289
20	64QAM	50	24	24.49	0.281	24.50	0.282	24.44	0.278
20	64QAM	50	50	24.44	0.278	24.37	0.274	24.50	0.282
20	64QAM	100	0	24.45	0.279	24.36	0.273	24.54	0.284



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	27.22	0.527	27.32	0.540	27.18	0.522
15	QPSK	1	37	27.10	0.513	27.15	0.519	27.13	0.516
15	QPSK	1	74	26.94	0.494	27.10	0.513	26.98	0.499
15	QPSK	36	0	26.33	0.430	26.62	0.459	26.37	0.434
15	QPSK	36	20	26.43	0.440	26.39	0.436	26.45	0.442
15	QPSK	36	39	26.43	0.440	26.50	0.447	26.45	0.442
15	QPSK	75	0	26.52	0.449	26.44	0.441	26.50	0.447
15	16QAM	1	0	26.38	0.435	26.44	0.441	26.38	0.435
15	16QAM	1	37	26.19	0.416	26.30	0.427	26.11	0.408
15	16QAM	1	74	26.41	0.438	26.27	0.424	26.43	0.440
15	16QAM	36	0	25.87	0.386	25.95	0.394	25.83	0.383
15	16QAM	36	20	25.89	0.388	26.10	0.407	25.93	0.392
15	16QAM	36	39	25.85	0.385	26.23	0.420	25.83	0.383
15	16QAM	75	0	25.73	0.374	25.90	0.389	25.69	0.371
15	64QAM	1	0	25.33	0.341	25.69	0.371	25.45	0.351
15	64QAM	1	37	25.49	0.354	25.44	0.350	25.40	0.347
15	64QAM	1	74	25.29	0.338	25.56	0.360	25.28	0.337
15	64QAM	36	0	24.47	0.280	24.55	0.285	24.59	0.288
15	64QAM	36	20	24.43	0.277	24.43	0.277	24.41	0.276
15	64QAM	36	39	24.40	0.275	24.34	0.272	24.47	0.280
15	64QAM	75	0	24.43	0.277	24.29	0.269	24.47	0.280



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	27.18	0.522	27.25	0.531	27.11	0.514
10	QPSK	1	25	27.08	0.511	27.09	0.512	27.06	0.508
10	QPSK	1	49	26.91	0.491	27.06	0.508	26.92	0.492
10	QPSK	25	0	26.28	0.425	26.60	0.457	26.34	0.431
10	QPSK	25	12	26.39	0.436	26.36	0.433	26.39	0.436
10	QPSK	25	25	26.38	0.435	26.46	0.443	26.43	0.440
10	QPSK	50	0	26.49	0.446	26.37	0.434	26.44	0.441
10	16QAM	1	0	26.32	0.429	26.42	0.439	26.31	0.428
10	16QAM	1	25	26.15	0.412	26.28	0.425	26.05	0.403
10	16QAM	1	49	26.38	0.435	26.21	0.418	26.41	0.438
10	16QAM	25	0	25.82	0.382	25.89	0.388	25.78	0.378
10	16QAM	25	12	25.84	0.384	26.06	0.404	25.89	0.388
10	16QAM	25	25	25.79	0.379	26.21	0.418	25.79	0.379
10	16QAM	50	0	25.66	0.368	25.85	0.385	25.65	0.367
10	64QAM	1	0	25.28	0.337	25.67	0.369	25.40	0.347
10	64QAM	1	25	25.44	0.350	25.41	0.348	25.38	0.345
10	64QAM	1	49	25.26	0.336	25.54	0.358	25.23	0.333
10	64QAM	25	0	24.42	0.277	24.50	0.282	24.53	0.284
10	64QAM	25	12	24.39	0.275	24.36	0.273	24.39	0.275
10	64QAM	25	25	24.35	0.272	24.31	0.270	24.42	0.277
10	64QAM	50	0	24.40	0.275	24.23	0.265	24.45	0.279



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	27.14	0.518	27.21	0.526	27.07	0.509
5	QPSK	1	12	27.04	0.506	27.05	0.507	27.02	0.504
5	QPSK	1	24	26.87	0.486	27.02	0.504	26.88	0.488
5	QPSK	12	0	26.24	0.421	26.56	0.453	26.30	0.427
5	QPSK	12	7	26.35	0.432	26.32	0.429	26.35	0.432
5	QPSK	12	13	26.34	0.431	26.42	0.439	26.39	0.436
5	QPSK	25	0	26.45	0.442	26.33	0.430	26.40	0.437
5	16QAM	1	0	26.28	0.425	26.38	0.435	26.27	0.424
5	16QAM	1	12	26.11	0.408	26.24	0.421	26.01	0.399
5	16QAM	1	24	26.34	0.431	26.17	0.414	26.37	0.434
5	16QAM	12	0	25.78	0.378	25.85	0.385	25.74	0.375
5	16QAM	12	7	25.80	0.380	26.02	0.400	25.85	0.385
5	16QAM	12	13	25.75	0.376	26.17	0.414	25.75	0.376
5	16QAM	25	0	25.62	0.365	25.81	0.381	25.61	0.364
5	64QAM	1	0	25.24	0.334	25.63	0.366	25.36	0.344
5	64QAM	1	12	25.40	0.347	25.37	0.344	25.34	0.342
5	64QAM	1	24	25.22	0.333	25.50	0.355	25.19	0.330
5	64QAM	12	0	24.38	0.274	24.46	0.279	24.49	0.281
5	64QAM	12	7	24.35	0.272	24.32	0.270	24.35	0.272
5	64QAM	12	13	24.31	0.270	24.27	0.267	24.38	0.274
5	64QAM	25	0	24.36	0.273	24.19	0.262	24.41	0.276



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	23.24	0.211	23.38	0.218	23.28	0.213
20	QPSK	1	49	23.12	0.205	23.24	0.211	23.18	0.208
20	QPSK	1	99	23.01	0.200	23.03	0.201	22.92	0.196
20	QPSK	50	0	22.39	0.173	22.59	0.182	22.38	0.173
20	QPSK	50	24	22.44	0.175	22.52	0.179	22.42	0.175
20	QPSK	50	50	22.48	0.177	22.51	0.178	22.49	0.177
20	QPSK	100	0	22.56	0.180	22.50	0.178	22.55	0.180
20	16QAM	1	0	22.40	0.174	22.48	0.177	22.47	0.177
20	16QAM	1	49	22.21	0.166	22.29	0.169	22.19	0.166
20	16QAM	1	99	22.38	0.173	22.31	0.170	22.43	0.175
20	16QAM	50	0	21.85	0.153	21.92	0.156	21.75	0.150
20	16QAM	50	24	21.79	0.151	22.08	0.161	21.81	0.152
20	16QAM	50	50	21.74	0.149	22.16	0.164	21.74	0.149
20	16QAM	100	0	21.72	0.149	21.77	0.150	21.68	0.147
20	64QAM	1	0	21.38	0.137	21.60	0.145	21.43	0.139
20	64QAM	1	49	21.37	0.137	21.53	0.142	21.38	0.137
20	64QAM	1	99	21.30	0.135	21.54	0.143	21.33	0.136
20	64QAM	50	0	20.55	0.114	20.58	0.114	20.57	0.114
20	64QAM	50	24	20.35	0.108	20.41	0.110	20.38	0.109
20	64QAM	50	50	20.43	0.110	20.30	0.107	20.35	0.108
20	64QAM	100	0	20.46	0.111	20.43	0.110	20.43	0.110



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	23.20	0.209	23.32	0.215	23.22	0.210
15	QPSK	1	37	23.09	0.204	23.21	0.209	23.13	0.206
15	QPSK	1	74	22.95	0.197	22.98	0.199	22.87	0.194
15	QPSK	36	0	22.34	0.171	22.53	0.179	22.36	0.172
15	QPSK	36	20	22.39	0.173	22.48	0.177	22.36	0.172
15	QPSK	36	39	22.44	0.175	22.48	0.177	22.44	0.175
15	QPSK	75	0	22.52	0.179	22.47	0.177	22.51	0.178
15	16QAM	1	0	22.38	0.173	22.39	0.173	22.42	0.175
15	16QAM	1	37	22.14	0.164	22.25	0.168	22.12	0.163
15	16QAM	1	74	22.35	0.172	22.25	0.168	22.39	0.173
15	16QAM	36	0	21.81	0.152	21.88	0.154	21.69	0.148
15	16QAM	36	20	21.74	0.149	22.03	0.160	21.78	0.151
15	16QAM	36	39	21.70	0.148	22.14	0.164	21.71	0.148
15	16QAM	75	0	21.68	0.147	21.73	0.149	21.63	0.146
15	64QAM	1	0	21.33	0.136	21.58	0.144	21.41	0.138
15	64QAM	1	37	21.34	0.136	21.51	0.142	21.34	0.136
15	64QAM	1	74	21.23	0.133	21.51	0.142	21.30	0.135
15	64QAM	36	0	20.49	0.112	20.52	0.113	20.52	0.113
15	64QAM	36	20	20.31	0.107	20.37	0.109	20.33	0.108
15	64QAM	36	39	20.38	0.109	20.24	0.106	20.32	0.108
15	64QAM	75	0	20.41	0.110	20.37	0.109	20.40	0.110



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	23.16	0.207	23.28	0.213	23.18	0.208
10	QPSK	1	25	23.05	0.202	23.17	0.207	23.09	0.204
10	QPSK	1	49	22.91	0.195	22.94	0.197	22.83	0.192
10	QPSK	25	0	22.30	0.170	22.49	0.177	22.32	0.171
10	QPSK	25	12	22.35	0.172	22.44	0.175	22.32	0.171
10	QPSK	25	25	22.40	0.174	22.44	0.175	22.40	0.174
10	QPSK	50	0	22.48	0.177	22.43	0.175	22.47	0.177
10	16QAM	1	0	22.34	0.171	22.35	0.172	22.38	0.173
10	16QAM	1	25	22.10	0.162	22.21	0.166	22.08	0.161
10	16QAM	1	49	22.31	0.170	22.21	0.166	22.35	0.172
10	16QAM	25	0	21.77	0.150	21.84	0.153	21.65	0.146
10	16QAM	25	12	21.70	0.148	21.99	0.158	21.74	0.149
10	16QAM	25	25	21.66	0.147	22.10	0.162	21.67	0.147
10	16QAM	50	0	21.64	0.146	21.69	0.148	21.59	0.144
10	64QAM	1	0	21.29	0.135	21.54	0.143	21.37	0.137
10	64QAM	1	25	21.30	0.135	21.47	0.140	21.30	0.135
10	64QAM	1	49	21.19	0.132	21.47	0.140	21.26	0.134
10	64QAM	25	0	20.45	0.111	20.48	0.112	20.48	0.112
10	64QAM	25	12	20.27	0.106	20.33	0.108	20.29	0.107
10	64QAM	25	25	20.34	0.108	20.20	0.105	20.28	0.107
10	64QAM	50	0	20.37	0.109	20.33	0.108	20.36	0.109



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	23.12	0.205	23.24	0.211	23.14	0.206
5	QPSK	1	12	23.01	0.200	23.13	0.206	23.05	0.202
5	QPSK	1	24	22.87	0.194	22.90	0.195	22.79	0.190
5	QPSK	12	0	22.26	0.168	22.45	0.176	22.28	0.169
5	QPSK	12	7	22.31	0.170	22.40	0.174	22.28	0.169
5	QPSK	12	13	22.36	0.172	22.40	0.174	22.36	0.172
5	QPSK	25	0	22.44	0.175	22.39	0.173	22.43	0.175
5	16QAM	1	0	22.30	0.170	22.31	0.170	22.34	0.171
5	16QAM	1	12	22.11	0.163	22.22	0.167	22.09	0.162
5	16QAM	1	24	22.32	0.171	22.22	0.167	22.36	0.172
5	16QAM	12	0	21.78	0.151	21.85	0.153	21.66	0.147
5	16QAM	12	7	21.71	0.148	22.00	0.158	21.75	0.150
5	16QAM	12	13	21.67	0.147	22.11	0.163	21.68	0.147
5	16QAM	25	0	21.65	0.146	21.70	0.148	21.60	0.145
5	64QAM	1	0	21.30	0.135	21.55	0.143	21.38	0.137
5	64QAM	1	12	21.31	0.135	21.48	0.141	21.31	0.135
5	64QAM	1	24	21.20	0.132	21.48	0.141	21.27	0.134
5	64QAM	12	0	20.46	0.111	20.49	0.112	20.49	0.112
5	64QAM	12	7	20.28	0.107	20.34	0.108	20.30	0.107
5	64QAM	12	13	20.35	0.108	20.21	0.105	20.29	0.107
5	64QAM	25	0	20.38	0.109	20.34	0.108	20.37	0.109



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				132072		132322		132572	
Frequency (MHz)				1720		1745		1770	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	23.54	0.226	23.70	0.234	23.67	0.233
20	QPSK	1	49	23.30	0.214	23.59	0.229	23.36	0.217
20	QPSK	1	99	23.20	0.209	23.36	0.217	23.20	0.209
20	QPSK	50	0	22.84	0.192	22.97	0.198	22.88	0.194
20	QPSK	50	24	22.71	0.187	22.81	0.191	22.90	0.195
20	QPSK	50	50	22.81	0.191	23.01	0.200	22.79	0.190
20	QPSK	100	0	22.71	0.187	22.99	0.199	22.93	0.196
20	16QAM	1	0	22.85	0.193	22.95	0.197	22.94	0.197
20	16QAM	1	49	22.65	0.184	22.85	0.193	22.74	0.188
20	16QAM	1	99	22.59	0.182	22.66	0.185	22.87	0.194
20	16QAM	50	0	21.95	0.157	21.97	0.157	21.87	0.154
20	16QAM	50	24	21.83	0.152	21.91	0.155	21.94	0.156
20	16QAM	50	50	21.89	0.155	21.91	0.155	21.97	0.157
20	16QAM	100	0	21.88	0.154	21.97	0.157	21.95	0.157
20	64QAM	1	0	21.89	0.155	22.02	0.159	22.14	0.164
20	64QAM	1	49	21.89	0.155	21.92	0.156	21.90	0.155
20	64QAM	1	99	21.96	0.157	21.89	0.155	21.88	0.154
20	64QAM	50	0	21.10	0.129	21.23	0.133	21.06	0.128
20	64QAM	50	24	21.06	0.128	20.90	0.123	20.81	0.121
20	64QAM	50	50	21.06	0.128	20.99	0.126	21.04	0.127
20	64QAM	100	0	20.97	0.125	21.01	0.126	20.94	0.124



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				132047		132322		132597	
Frequency (MHz)				1717.5		1745		1772.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	23.50	0.224	23.63	0.231	23.63	0.231
15	QPSK	1	37	23.24	0.211	23.56	0.227	23.31	0.214
15	QPSK	1	74	23.14	0.206	23.33	0.215	23.18	0.208
15	QPSK	36	0	22.81	0.191	22.95	0.197	22.85	0.193
15	QPSK	36	20	22.66	0.185	22.76	0.189	22.85	0.193
15	QPSK	36	39	22.77	0.189	22.96	0.198	22.72	0.187
15	QPSK	75	0	22.65	0.184	22.94	0.197	22.89	0.195
15	16QAM	1	0	22.81	0.191	22.82	0.191	22.88	0.194
15	16QAM	1	37	22.60	0.182	22.81	0.191	22.68	0.185
15	16QAM	1	74	22.57	0.181	22.61	0.182	22.80	0.191
15	16QAM	36	0	21.92	0.156	21.90	0.155	21.75	0.150
15	16QAM	36	20	21.82	0.152	21.81	0.152	21.87	0.154
15	16QAM	36	39	21.85	0.153	21.94	0.156	21.85	0.153
15	16QAM	75	0	21.87	0.154	21.89	0.155	21.89	0.155
15	64QAM	1	0	21.84	0.153	21.99	0.158	22.12	0.163
15	64QAM	1	37	21.87	0.154	21.88	0.154	21.86	0.153
15	64QAM	1	74	21.89	0.155	21.87	0.154	21.84	0.153
15	64QAM	36	0	21.08	0.128	21.17	0.131	21.00	0.126
15	64QAM	36	20	21.02	0.126	20.84	0.121	20.78	0.120
15	64QAM	36	39	21.02	0.126	20.94	0.124	20.97	0.125
15	64QAM	75	0	20.92	0.124	20.99	0.126	20.91	0.123



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	23.47	0.222	23.64	0.231	23.63	0.231
10	QPSK	1	25	23.28	0.213	23.55	0.226	23.34	0.216
10	QPSK	1	49	23.17	0.207	23.30	0.214	23.15	0.207
10	QPSK	25	0	22.79	0.190	22.94	0.197	22.82	0.191
10	QPSK	25	12	22.68	0.185	22.74	0.188	22.87	0.194
10	QPSK	25	25	22.75	0.188	22.96	0.198	22.76	0.189
10	QPSK	50	0	22.67	0.185	22.93	0.196	22.89	0.195
10	16QAM	1	0	22.80	0.191	22.85	0.193	22.87	0.194
10	16QAM	1	25	22.60	0.182	22.82	0.191	22.71	0.187
10	16QAM	1	49	22.54	0.179	22.60	0.182	22.81	0.191
10	16QAM	25	0	21.90	0.155	21.87	0.154	21.74	0.149
10	16QAM	25	12	21.83	0.152	21.86	0.153	21.83	0.152
10	16QAM	25	25	21.84	0.153	21.92	0.156	21.89	0.155
10	16QAM	50	0	21.86	0.153	21.95	0.157	21.86	0.153
10	64QAM	1	0	21.86	0.153	21.98	0.158	22.08	0.161
10	64QAM	1	25	21.86	0.153	21.89	0.155	21.87	0.154
10	64QAM	1	49	21.94	0.156	21.85	0.153	21.86	0.153
10	64QAM	25	0	21.07	0.128	21.17	0.131	21.01	0.126
10	64QAM	25	12	21.02	0.126	20.86	0.122	20.76	0.119
10	64QAM	25	25	20.99	0.126	20.93	0.124	21.01	0.126
10	64QAM	50	0	20.94	0.124	20.97	0.125	20.92	0.124



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				131997		132322		132647	
Frequency (MHz)				1712.5		1745		1777.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	23.45	0.221	23.60	0.229	23.61	0.230
5	QPSK	1	12	23.25	0.211	23.49	0.223	23.28	0.213
5	QPSK	1	24	23.13	0.206	23.26	0.212	23.13	0.206
5	QPSK	12	0	22.74	0.188	22.90	0.195	22.79	0.190
5	QPSK	12	7	22.62	0.183	22.68	0.185	22.81	0.191
5	QPSK	12	13	22.73	0.187	22.94	0.197	22.71	0.187
5	QPSK	25	0	22.61	0.182	22.90	0.195	22.84	0.192
5	16QAM	1	0	22.77	0.189	22.82	0.191	22.84	0.192
5	16QAM	1	12	22.55	0.180	22.79	0.190	22.69	0.186
5	16QAM	1	24	22.50	0.178	22.56	0.180	22.77	0.189
5	16QAM	12	0	21.87	0.154	21.91	0.155	21.73	0.149
5	16QAM	12	7	21.84	0.153	21.87	0.154	21.82	0.152
5	16QAM	12	13	21.85	0.153	21.93	0.156	21.89	0.155
5	16QAM	25	0	21.81	0.152	21.91	0.155	21.85	0.153
5	64QAM	1	0	21.83	0.152	21.94	0.156	22.02	0.159
5	64QAM	1	12	21.84	0.153	21.85	0.153	21.83	0.152
5	64QAM	1	24	21.90	0.155	21.83	0.152	21.82	0.152
5	64QAM	12	0	21.01	0.126	21.13	0.130	20.98	0.125
5	64QAM	12	7	20.99	0.126	20.80	0.120	20.71	0.118
5	64QAM	12	13	20.97	0.125	20.89	0.123	20.97	0.125
5	64QAM	25	0	20.92	0.124	20.93	0.124	20.87	0.122



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				131987		132322		132657	
Frequency (MHz)				1711.5		1745		1778.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	23.40	0.219	23.60	0.229	23.59	0.229
3	QPSK	1	8	23.24	0.211	23.48	0.223	23.31	0.214
3	QPSK	1	14	23.11	0.205	23.24	0.211	23.11	0.205
3	QPSK	8	0	22.77	0.189	22.91	0.195	22.76	0.189
3	QPSK	8	4	22.65	0.184	22.68	0.185	22.83	0.192
3	QPSK	8	7	22.73	0.187	22.91	0.195	22.70	0.186
3	QPSK	15	0	22.60	0.182	22.87	0.194	22.85	0.193
3	16QAM	1	0	22.74	0.188	22.83	0.192	22.81	0.191
3	16QAM	1	8	22.56	0.180	22.77	0.189	22.64	0.184
3	16QAM	1	14	22.51	0.178	22.55	0.180	22.76	0.189
3	16QAM	8	0	21.86	0.153	21.91	0.155	21.78	0.151
3	16QAM	8	4	21.83	0.152	21.83	0.152	21.85	0.153
3	16QAM	8	7	21.81	0.152	21.94	0.156	21.90	0.155
3	16QAM	15	0	21.82	0.152	21.90	0.155	21.91	0.155
3	64QAM	1	0	21.82	0.152	21.94	0.156	22.04	0.160
3	64QAM	1	8	21.80	0.151	21.86	0.153	21.82	0.152
3	64QAM	1	14	21.89	0.155	21.82	0.152	21.82	0.152
3	64QAM	8	0	21.04	0.127	21.14	0.130	20.96	0.125
3	64QAM	8	4	20.96	0.125	20.83	0.121	20.70	0.117
3	64QAM	8	7	20.94	0.124	20.89	0.123	20.94	0.124
3	64QAM	15	0	20.89	0.123	20.91	0.123	20.86	0.122



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				131979		132322		132665	
Frequency (MHz)				1710.7		1745		1779.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	23.38	0.218	23.58	0.228	23.57	0.228
1.4	QPSK	1	3	23.22	0.210	23.46	0.222	23.29	0.213
1.4	QPSK	1	5	23.09	0.204	23.22	0.210	23.09	0.204
1.4	QPSK	3	0	22.75	0.188	22.89	0.195	22.74	0.188
1.4	QPSK	3	1	22.63	0.183	22.66	0.185	22.81	0.191
1.4	QPSK	3	3	22.71	0.187	22.89	0.195	22.68	0.185
1.4	QPSK	6	0	22.58	0.181	22.85	0.193	22.83	0.192
1.4	16QAM	1	0	22.72	0.187	22.81	0.191	22.79	0.190
1.4	16QAM	1	3	22.54	0.179	22.75	0.188	22.62	0.183
1.4	16QAM	1	5	22.49	0.177	22.53	0.179	22.74	0.188
1.4	16QAM	3	0	21.84	0.153	21.89	0.155	21.76	0.150
1.4	16QAM	3	1	21.81	0.152	21.81	0.152	21.83	0.152
1.4	16QAM	3	3	21.79	0.151	21.92	0.156	21.88	0.154
1.4	16QAM	6	0	21.80	0.151	21.88	0.154	21.89	0.155
1.4	64QAM	1	0	21.80	0.151	21.92	0.156	22.02	0.159
1.4	64QAM	1	3	21.78	0.151	21.84	0.153	21.80	0.151
1.4	64QAM	1	5	21.87	0.154	21.80	0.151	21.80	0.151
1.4	64QAM	3	0	21.02	0.126	21.12	0.129	20.94	0.124
1.4	64QAM	3	1	20.94	0.124	20.81	0.121	20.68	0.117
1.4	64QAM	3	3	20.92	0.124	20.87	0.122	20.92	0.124
1.4	64QAM	6	0	20.87	0.122	20.89	0.123	20.84	0.121



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	19.11	0.081	19.19	0.083	19.09	0.081
20	QPSK	1	49	19.02	0.080	19.13	0.082	19.00	0.079
20	QPSK	1	99	18.93	0.078	19.10	0.081	18.95	0.079
20	QPSK	50	0	18.26	0.067	18.62	0.073	18.28	0.067
20	QPSK	50	24	18.39	0.069	18.40	0.069	18.38	0.069
20	QPSK	50	50	18.31	0.068	18.53	0.071	18.28	0.067
20	QPSK	100	0	18.35	0.068	18.51	0.071	18.43	0.070
20	16QAM	1	0	18.30	0.068	18.44	0.070	18.30	0.068
20	16QAM	1	49	18.11	0.065	18.30	0.068	18.29	0.067
20	16QAM	1	99	18.43	0.070	18.27	0.067	18.25	0.067
20	16QAM	50	0	17.51	0.056	17.66	0.058	17.69	0.059
20	16QAM	50	24	17.48	0.056	17.81	0.060	17.80	0.060
20	16QAM	50	50	17.46	0.056	17.84	0.061	17.54	0.057
20	16QAM	100	0	17.57	0.057	17.80	0.060	17.68	0.059
20	64QAM	1	0	17.62	0.058	17.92	0.062	17.66	0.058
20	64QAM	1	49	17.63	0.058	17.68	0.059	17.69	0.059
20	64QAM	1	99	17.58	0.057	17.72	0.059	17.65	0.058
20	64QAM	50	0	16.47	0.044	16.66	0.046	16.52	0.045
20	64QAM	50	24	16.37	0.043	16.42	0.044	16.62	0.046
20	64QAM	50	50	16.29	0.043	16.31	0.043	16.35	0.043
20	64QAM	100	0	16.41	0.044	16.39	0.044	16.32	0.043



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	19.07	0.081	19.14	0.082	19.04	0.080
15	QPSK	1	37	18.99	0.079	19.06	0.081	18.94	0.078
15	QPSK	1	74	18.90	0.078	19.05	0.080	18.89	0.077
15	QPSK	36	0	18.22	0.066	18.57	0.072	18.26	0.067
15	QPSK	36	20	18.35	0.068	18.38	0.069	18.34	0.068
15	QPSK	36	39	18.26	0.067	18.47	0.070	18.24	0.067
15	QPSK	75	0	18.31	0.068	18.45	0.070	18.39	0.069
15	16QAM	1	0	18.23	0.067	18.37	0.069	18.25	0.067
15	16QAM	1	37	18.07	0.064	18.24	0.067	18.27	0.067
15	16QAM	1	74	18.36	0.069	18.25	0.067	18.21	0.066
15	16QAM	36	0	17.47	0.056	17.62	0.058	17.65	0.058
15	16QAM	36	20	17.42	0.055	17.75	0.060	17.78	0.060
15	16QAM	36	39	17.41	0.055	17.79	0.060	17.50	0.056
15	16QAM	75	0	17.54	0.057	17.76	0.060	17.61	0.058
15	64QAM	1	0	17.60	0.058	17.88	0.061	17.61	0.058
15	64QAM	1	37	17.59	0.057	17.61	0.058	17.65	0.058
15	64QAM	1	74	17.54	0.057	17.68	0.059	17.60	0.058
15	64QAM	36	0	16.43	0.044	16.62	0.046	16.49	0.045
15	64QAM	36	20	16.30	0.043	16.39	0.044	16.57	0.045
15	64QAM	36	39	16.25	0.042	16.28	0.042	16.29	0.043
15	64QAM	75	0	16.38	0.043	16.36	0.043	16.30	0.043



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	19.00	0.079	19.08	0.081	19.01	0.080
10	QPSK	1	25	18.93	0.078	19.02	0.080	18.89	0.077
10	QPSK	1	49	18.84	0.077	19.00	0.079	18.85	0.077
10	QPSK	25	0	18.16	0.065	18.53	0.071	18.21	0.066
10	QPSK	25	12	18.31	0.068	18.35	0.068	18.32	0.068
10	QPSK	25	25	18.20	0.066	18.43	0.070	18.19	0.066
10	QPSK	50	0	18.29	0.067	18.39	0.069	18.36	0.069
10	16QAM	1	0	18.18	0.066	18.33	0.068	18.22	0.066
10	16QAM	1	25	18.04	0.064	18.20	0.066	18.21	0.066
10	16QAM	1	49	18.31	0.068	18.20	0.066	18.14	0.065
10	16QAM	25	0	17.43	0.055	17.55	0.057	17.62	0.058
10	16QAM	25	12	17.39	0.055	17.73	0.059	17.72	0.059
10	16QAM	25	25	17.35	0.054	17.77	0.060	17.46	0.056
10	16QAM	50	0	17.51	0.056	17.71	0.059	17.56	0.057
10	64QAM	1	0	17.58	0.057	17.81	0.060	17.55	0.057
10	64QAM	1	25	17.53	0.057	17.56	0.057	17.60	0.058
10	64QAM	1	49	17.50	0.056	17.63	0.058	17.57	0.057
10	64QAM	25	0	16.40	0.044	16.57	0.045	16.45	0.044
10	64QAM	25	12	16.25	0.042	16.34	0.043	16.51	0.045
10	64QAM	25	25	16.22	0.042	16.25	0.042	16.27	0.042
10	64QAM	50	0	16.35	0.043	16.30	0.043	16.27	0.042



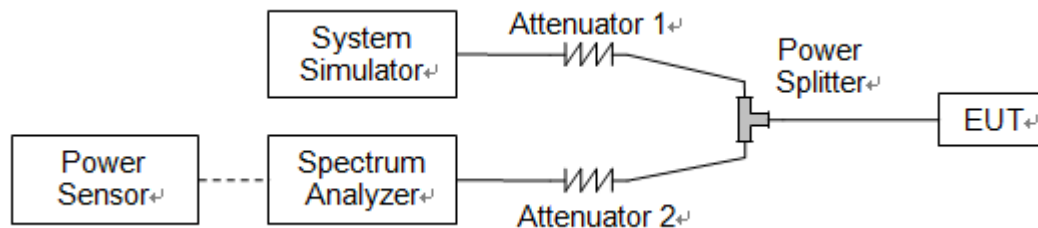
LTE Band 71				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				133147		133297		133447	
Frequency (MHz)				665.5		680.5		695.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	19.02	0.080	19.10	0.081	19.01	0.080
5	QPSK	1	12	18.93	0.078	19.00	0.079	18.91	0.078
5	QPSK	1	24	18.83	0.076	19.03	0.080	18.84	0.077
5	QPSK	12	0	18.19	0.066	18.54	0.071	18.23	0.067
5	QPSK	12	7	18.31	0.068	18.36	0.069	18.32	0.068
5	QPSK	12	13	18.23	0.067	18.43	0.070	18.21	0.066
5	QPSK	25	0	18.25	0.067	18.40	0.069	18.32	0.068
5	16QAM	1	0	18.19	0.066	18.32	0.068	18.18	0.066
5	16QAM	1	12	18.00	0.063	18.20	0.066	18.23	0.067
5	16QAM	1	24	18.30	0.068	18.22	0.066	18.16	0.065
5	16QAM	12	0	17.44	0.055	17.56	0.057	17.62	0.058
5	16QAM	12	7	17.36	0.054	17.70	0.059	17.72	0.059
5	16QAM	12	13	17.38	0.055	17.74	0.059	17.47	0.056
5	16QAM	25	0	17.48	0.056	17.71	0.059	17.57	0.057
5	64QAM	1	0	17.56	0.057	17.85	0.061	17.56	0.057
5	64QAM	1	12	17.55	0.057	17.57	0.057	17.59	0.057
5	64QAM	1	24	17.47	0.056	17.65	0.058	17.57	0.057
5	64QAM	12	0	16.38	0.043	16.57	0.045	16.47	0.044
5	64QAM	12	7	16.26	0.042	16.32	0.043	16.51	0.045
5	64QAM	12	13	16.19	0.042	16.24	0.042	16.27	0.042
5	64QAM	25	0	16.32	0.043	16.33	0.043	16.26	0.042

2.2. Occupied Bandwidth

2.2.1. Requirement

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

2.2.2. Test Description



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

2.2.3. Test Procedure

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

2.2.4. Test Result



LTE Band 2				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.09	1.29
	Low	16QAM	1.10	1.30
	Low	64QAM	1.10	1.30
	Mid	QPSK	1.10	1.26
	Mid	16QAM	1.10	1.30
	Mid	64QAM	1.10	1.29
	High	QPSK	1.10	1.27
	High	16QAM	1.10	1.30
	High	64QAM	1.10	1.29
3	Low	QPSK	2.69	2.93
	Low	16QAM	2.69	2.94
	Low	64QAM	2.70	2.92
	Mid	QPSK	2.69	2.91
	Mid	16QAM	2.69	2.92
	Mid	64QAM	2.70	2.92
	High	QPSK	2.68	2.92
	High	16QAM	2.69	2.93
	High	64QAM	2.70	2.91
5	Low	QPSK	4.49	4.95
	Low	16QAM	4.49	4.89
	Low	64QAM	4.50	4.91
	Mid	QPSK	4.49	4.92
	Mid	16QAM	4.50	4.87
	Mid	64QAM	4.49	4.92
	High	QPSK	4.50	4.93
	High	16QAM	4.49	4.91
	High	64QAM	4.49	4.91
10	Low	QPSK	8.99	9.71
	Low	16QAM	8.97	9.62
	Low	64QAM	8.98	9.77
	Mid	QPSK	9.00	9.67
	Mid	16QAM	8.96	9.70
	Mid	64QAM	8.96	9.68
	High	QPSK	9.00	9.70
	High	16QAM	8.96	9.68
	High	64QAM	8.97	9.74



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15	Low	QPSK	13.49	14.40
	Low	16QAM	13.47	14.54
	Low	64QAM	13.44	14.62
	Mid	QPSK	13.49	14.60
	Mid	16QAM	13.47	14.58
	Mid	64QAM	13.42	14.56
	High	QPSK	13.47	14.63
	High	16QAM	13.48	14.55
	High	64QAM	13.46	14.50
20	Low	QPSK	17.98	19.34
	Low	16QAM	17.96	19.38
	Low	64QAM	17.93	19.49
	Mid	QPSK	17.90	19.34
	Mid	16QAM	17.96	19.36
	Mid	64QAM	17.97	19.41
	High	QPSK	17.98	19.39
	High	16QAM	18.00	19.37
	High	64QAM	17.99	19.46



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	1.29
	Low	64QAM	1.10	1.30
	Mid	QPSK	1.09	1.28
	Mid	16QAM	1.10	1.30
	Mid	64QAM	1.10	1.30
	High	QPSK	1.10	1.27
	High	16QAM	1.10	1.30
	High	64QAM	1.10	1.31
3	Low	QPSK	2.69	2.92
	Low	16QAM	2.70	2.94
	Low	64QAM	2.70	2.93
	Mid	QPSK	2.69	2.92
	Mid	16QAM	2.69	2.93
	Mid	64QAM	2.70	2.91
	High	QPSK	2.70	2.94
	High	16QAM	2.69	2.93
	High	64QAM	2.70	2.92
5	Low	QPSK	4.50	4.95
	Low	16QAM	4.50	4.93
	Low	64QAM	4.50	5.62
	Mid	QPSK	4.50	4.95
	Mid	16QAM	4.50	4.91
	Mid	64QAM	4.50	4.91
	High	QPSK	4.50	4.91
	High	16QAM	4.50	4.88
	High	64QAM	4.50	4.95
10	Low	QPSK	8.99	9.72
	Low	16QAM	8.95	9.67
	Low	64QAM	8.97	9.76
	Mid	QPSK	9.00	9.70
	Mid	16QAM	8.97	9.76
	Mid	64QAM	8.99	9.76
	High	QPSK	8.99	9.76
	High	16QAM	8.96	9.67
	High	64QAM	8.97	13.76



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15	Low	QPSK	13.47	14.59
	Low	16QAM	13.44	14.50
	Low	64QAM	13.44	14.62
	Mid	QPSK	13.51	14.62
	Mid	16QAM	13.48	14.53
	Mid	64QAM	13.47	14.62
	High	QPSK	13.44	14.56
	High	16QAM	13.46	14.51
	High	64QAM	13.43	14.64
20	Low	QPSK	17.94	19.37
	Low	16QAM	17.96	19.39
	Low	64QAM	17.94	19.43
	Mid	QPSK	17.99	19.28
	Mid	16QAM	18.00	19.59
	Mid	64QAM	18.00	19.50
	High	QPSK	17.94	19.42
	High	16QAM	17.97	19.22
	High	64QAM	17.96	19.34



LTE Band 5				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.09	1.26
	Low	16QAM	1.10	1.29
	Low	64QAM	1.10	1.30
	Mid	QPSK	1.10	1.27
	Mid	16QAM	1.10	1.29
	Mid	64QAM	1.10	1.29
	High	QPSK	1.10	1.28
	High	16QAM	1.10	1.31
	High	64QAM	1.10	1.30
3	Low	QPSK	2.69	2.91
	Low	16QAM	2.70	2.93
	Low	64QAM	2.69	2.92
	Mid	QPSK	2.69	2.93
	Mid	16QAM	2.69	2.93
	Mid	64QAM	2.70	2.91
	High	QPSK	2.69	2.93
	High	16QAM	2.70	2.94
	High	64QAM	2.70	2.91
5	Low	QPSK	4.50	4.93
	Low	16QAM	4.50	5.05
	Low	64QAM	4.51	4.93
	Mid	QPSK	4.50	4.99
	Mid	16QAM	4.50	4.91
	Mid	64QAM	4.50	4.91
	High	QPSK	4.50	4.92
	High	16QAM	4.51	5.41
	High	64QAM	4.50	4.91
10	Low	QPSK	9.00	9.74
	Low	16QAM	8.97	9.72
	Low	64QAM	8.99	9.73
	Mid	QPSK	8.98	9.71
	Mid	16QAM	8.96	9.76
	Mid	64QAM	8.98	9.76
	High	QPSK	8.99	9.75
	High	16QAM	8.97	9.77
	High	64QAM	8.97	9.76



LTE Band 7				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.50	4.96
	Low	16QAM	4.51	4.91
	Low	64QAM	4.49	4.93
	Mid	QPSK	4.49	4.92
	Mid	16QAM	4.49	4.92
	Mid	64QAM	4.50	4.91
	High	QPSK	4.50	4.92
	High	16QAM	4.50	4.94
	High	64QAM	4.50	4.90
10	Low	QPSK	9.00	9.74
	Low	16QAM	8.96	9.66
	Low	64QAM	8.98	9.75
	Mid	QPSK	8.99	9.68
	Mid	16QAM	8.97	9.79
	Mid	64QAM	8.97	9.76
	High	QPSK	9.01	9.68
	High	16QAM	8.97	9.67
	High	64QAM	8.98	9.76
15	Low	QPSK	13.46	14.64
	Low	16QAM	13.46	14.60
	Low	64QAM	13.43	14.59
	Mid	QPSK	13.47	14.55
	Mid	16QAM	13.47	14.57
	Mid	64QAM	13.46	14.67
	High	QPSK	13.50	14.57
	High	16QAM	13.48	14.66
	High	64QAM	13.47	14.54
20	Low	QPSK	17.95	19.39
	Low	16QAM	17.99	19.40
	Low	64QAM	17.95	19.53
	Mid	QPSK	17.94	19.27
	Mid	16QAM	17.99	19.34
	Mid	64QAM	17.92	19.48
	High	QPSK	17.95	19.28
	High	16QAM	17.99	19.36
	High	64QAM	17.98	19.52



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	1.39
	Low	64QAM	1.10	1.29
	Mid	QPSK	1.09	1.27
	Mid	16QAM	1.10	1.28
	Mid	64QAM	1.10	1.29
	High	QPSK	1.09	1.28
	High	16QAM	1.10	1.29
	High	64QAM	1.10	1.30
3	Low	QPSK	2.70	2.90
	Low	16QAM	2.69	2.93
	Low	64QAM	2.69	2.93
	Mid	QPSK	2.69	2.92
	Mid	16QAM	2.69	2.93
	Mid	64QAM	2.69	2.92
	High	QPSK	2.70	2.92
	High	16QAM	2.69	2.93
	High	64QAM	2.70	2.92
5	Low	QPSK	4.52	5.21
	Low	16QAM	4.51	5.08
	Low	64QAM	4.53	5.13
	Mid	QPSK	4.52	5.19
	Mid	16QAM	4.51	5.13
	Mid	64QAM	4.53	5.13
	High	QPSK	4.53	5.36
	High	16QAM	4.52	5.11
	High	64QAM	4.52	5.14
10	Low	QPSK	9.02	10.65
	Low	16QAM	9.00	10.37
	Low	64QAM	9.02	10.15
	Mid	QPSK	8.99	9.97
	Mid	16QAM	8.97	9.93
	Mid	64QAM	9.01	10.07
	High	QPSK	8.99	10.08
	High	16QAM	8.97	9.94
	High	64QAM	9.00	10.07



LTE Band 17				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.51	5.19
	Low	16QAM	4.51	5.15
	Low	64QAM	4.52	5.12
	Mid	QPSK	4.51	5.20
	Mid	16QAM	4.51	5.15
	Mid	64QAM	4.52	5.12
	High	QPSK	4.52	5.20
	High	16QAM	4.51	5.10
	High	64QAM	4.54	5.15
10	Low	QPSK	9.01	10.30
	Low	16QAM	8.97	10.00
	Low	64QAM	8.98	10.08
	Mid	QPSK	8.97	9.48
	Mid	16QAM	8.98	9.98
	Mid	64QAM	8.99	9.99
	High	QPSK	9.03	10.35
	High	16QAM	8.97	9.97
	High	64QAM	9.01	9.98



LTE Band 25				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.09	1.27
	Low	16QAM	1.10	1.27
	Low	64QAM	1.10	1.29
	Mid	QPSK	1.09	1.26
	Mid	16QAM	1.10	1.29
	Mid	64QAM	1.10	1.28
	High	QPSK	1.09	1.28
	High	16QAM	1.09	1.32
	High	64QAM	1.10	1.29
3	Low	QPSK	2.69	2.91
	Low	16QAM	2.69	2.93
	Low	64QAM	2.70	2.92
	Mid	QPSK	2.69	2.92
	Mid	16QAM	2.69	2.93
	Mid	64QAM	2.70	2.92
	High	QPSK	2.69	2.91
	High	16QAM	2.69	2.93
	High	64QAM	2.69	2.92
5	Low	QPSK	4.51	5.18
	Low	16QAM	4.52	5.17
	Low	64QAM	4.53	5.15
	Mid	QPSK	4.51	5.15
	Mid	16QAM	4.52	5.19
	Mid	64QAM	4.53	5.11
	High	QPSK	4.52	5.17
	High	16QAM	4.51	5.15
	High	64QAM	4.53	5.21
10	Low	QPSK	9.04	10.10
	Low	16QAM	8.98	10.00
	Low	64QAM	9.00	10.02
	Mid	QPSK	9.00	10.01
	Mid	16QAM	8.97	9.89
	Mid	64QAM	9.00	10.17
	High	QPSK	8.99	9.99
	High	16QAM	8.96	9.96
	High	64QAM	8.98	9.97



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15	Low	QPSK	13.51	14.92
	Low	16QAM	13.50	15.16
	Low	64QAM	13.49	15.08
	Mid	QPSK	13.49	14.94
	Mid	16QAM	13.36	14.41
	Mid	64QAM	13.48	15.03
	High	QPSK	13.48	14.91
	High	16QAM	13.47	15.03
	High	64QAM	13.46	14.92
20	Low	QPSK	17.96	19.79
	Low	16QAM	17.99	19.62
	Low	64QAM	17.99	19.83
	Mid	QPSK	17.99	19.62
	Mid	16QAM	18.02	19.73
	Mid	64QAM	17.98	19.64
	High	QPSK	17.97	19.64
	High	16QAM	17.96	19.60
	High	64QAM	17.98	19.63



LTE Band 26				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.10	1.27
	Low	16QAM	1.10	1.29
	Low	64QAM	1.10	1.29
	Mid	QPSK	1.10	1.27
	Mid	16QAM	1.10	1.31
	Mid	64QAM	1.10	1.28
	High	QPSK	1.10	1.30
	High	16QAM	1.10	1.30
	High	64QAM	1.10	1.28
3	Low	QPSK	2.69	2.92
	Low	16QAM	2.69	2.93
	Low	64QAM	2.70	2.92
	Mid	QPSK	2.69	2.92
	Mid	16QAM	2.69	2.92
	Mid	64QAM	2.70	2.92
	High	QPSK	2.69	2.92
	High	16QAM	2.69	2.92
	High	64QAM	2.70	2.92
5	Low	QPSK	4.50	5.24
	Low	16QAM	4.50	5.47
	Low	64QAM	4.51	4.93
	Mid	QPSK	4.50	4.91
	Mid	16QAM	4.50	4.95
	Mid	64QAM	4.50	4.94
	High	QPSK	4.50	4.94
	High	16QAM	4.50	4.89
	High	64QAM	4.50	4.92
10	Low	QPSK	8.99	9.79
	Low	16QAM	8.97	9.71
	Low	64QAM	8.98	9.71
	Mid	QPSK	8.98	9.72
	Mid	16QAM	8.97	9.70
	Mid	64QAM	8.98	9.79
	High	QPSK	8.99	9.69
	High	16QAM	8.97	9.72
	High	64QAM	8.97	9.76



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15	Low	QPSK	13.46	14.65
	Low	16QAM	13.47	14.64
	Low	64QAM	13.44	14.63
	Mid	QPSK	13.45	14.47
	Mid	16QAM	13.46	14.59
	Mid	64QAM	13.45	14.58
	High	QPSK	13.47	14.50
	High	16QAM	13.46	14.48
	High	64QAM	13.45	14.68



LTE Band 41				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.52	6.12
	Low	16QAM	4.52	6.45
	Low	64QAM	4.52	5.67
	Mid	QPSK	4.50	5.59
	Mid	16QAM	4.51	5.59
	Mid	64QAM	4.51	4.99
	High	QPSK	4.52	7.13
	High	16QAM	4.50	5.55
	High	64QAM	4.51	5.26
10	Low	QPSK	8.99	10.12
	Low	16QAM	8.99	12.39
	Low	64QAM	9.01	10.72
	Mid	QPSK	8.98	10.30
	Mid	16QAM	8.99	10.48
	Mid	64QAM	8.96	11.14
	High	QPSK	8.99	11.18
	High	16QAM	9.00	13.02
	High	64QAM	8.98	12.07
15	Low	QPSK	13.50	16.27
	Low	16QAM	13.48	17.32
	Low	64QAM	13.46	16.15
	Mid	QPSK	13.45	15.62
	Mid	16QAM	13.50	17.18
	Mid	64QAM	13.47	15.12
	High	QPSK	13.48	18.39
	High	16QAM	13.50	16.81
	High	64QAM	13.49	20.12
20	Low	QPSK	17.99	20.69
	Low	16QAM	17.99	20.90
	Low	64QAM	17.97	22.41
	Mid	QPSK	17.97	20.97
	Mid	16QAM	17.93	21.80
	Mid	64QAM	17.97	20.56
	High	QPSK	17.96	21.30
	High	16QAM	17.97	30.93
	High	64QAM	17.96	22.39



LTE Band 66				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.10	1.26
	Low	16QAM	1.10	1.30
	Low	64QAM	1.10	1.29
	Mid	QPSK	1.09	1.27
	Mid	16QAM	1.10	1.30
	Mid	64QAM	1.10	1.29
	High	QPSK	1.10	1.31
	High	16QAM	1.10	1.30
	High	64QAM	1.10	1.29
3	Low	QPSK	2.69	2.91
	Low	16QAM	2.68	2.93
	Low	64QAM	2.70	2.92
	Mid	QPSK	2.69	2.93
	Mid	16QAM	2.69	2.93
	Mid	64QAM	2.70	2.91
	High	QPSK	2.69	2.93
	High	16QAM	2.69	2.92
	High	64QAM	2.70	2.92
5	Low	QPSK	4.51	5.17
	Low	16QAM	4.51	5.17
	Low	64QAM	4.53	5.14
	Mid	QPSK	4.51	5.16
	Mid	16QAM	4.51	5.12
	Mid	64QAM	4.52	5.19
	High	QPSK	4.52	5.44
	High	16QAM	4.52	5.15
	High	64QAM	4.52	5.19
10	Low	QPSK	9.01	10.11
	Low	16QAM	8.99	9.99
	Low	64QAM	8.99	10.12
	Mid	QPSK	9.01	10.14
	Mid	16QAM	8.99	9.97
	Mid	64QAM	9.00	10.11
	High	QPSK	9.02	10.12
	High	16QAM	8.98	9.93
	High	64QAM	8.99	10.04



15	Low	QPSK	13.50	15.05
	Low	16QAM	13.50	14.95
	Low	64QAM	13.46	15.01
	Mid	QPSK	13.49	14.96
	Mid	16QAM	13.48	15.12
	Mid	64QAM	13.48	15.12
	High	QPSK	13.50	15.03
	High	16QAM	13.45	15.01
	High	64QAM	13.45	15.05
20	Low	QPSK	17.99	19.85
	Low	16QAM	18.01	20.42
	Low	64QAM	17.98	19.85
	Mid	QPSK	18.00	19.86
	Mid	16QAM	17.98	19.76
	Mid	64QAM	18.04	20.01
	High	QPSK	17.94	19.62
	High	16QAM	17.96	19.59
	High	64QAM	17.99	19.62



LTE Band 71				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.51	5.17
	Low	16QAM	4.51	5.11
	Low	64QAM	4.55	5.61
	Mid	QPSK	4.51	5.44
	Mid	16QAM	4.51	5.11
	Mid	64QAM	4.52	5.27
	High	QPSK	4.52	5.43
	High	16QAM	4.53	5.50
	High	64QAM	4.53	5.17
10	Low	QPSK	9.03	10.41
	Low	16QAM	9.00	10.62
	Low	64QAM	8.99	10.14
	Mid	QPSK	9.03	10.55
	Mid	16QAM	8.99	9.98
	Mid	64QAM	9.00	10.13
	High	QPSK	9.01	10.05
	High	16QAM	8.99	10.32
	High	64QAM	9.00	9.98
15	Low	QPSK	13.50	15.76
	Low	16QAM	13.48	15.16
	Low	64QAM	13.45	15.00
	Mid	QPSK	13.47	15.04
	Mid	16QAM	13.50	15.08
	Mid	64QAM	13.50	15.11
	High	QPSK	13.50	15.27
	High	16QAM	13.49	14.97
	High	64QAM	13.47	15.02
20	Low	QPSK	17.96	20.06
	Low	16QAM	17.99	20.94
	Low	64QAM	17.94	19.65
	Mid	QPSK	17.99	20.83
	Mid	16QAM	17.95	19.66
	Mid	64QAM	17.98	19.77
	High	QPSK	17.97	20.71
	High	16QAM	17.96	19.76
	High	64QAM	17.94	19.74



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



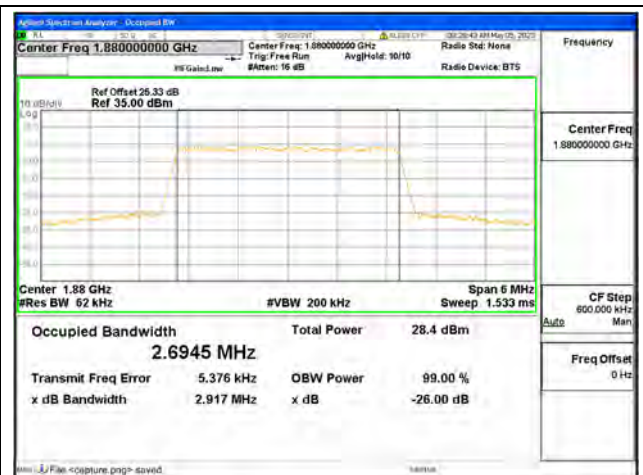
Band2 / 3MHz / 16QAM/ Low CH



Band2 / 3MHz / 64QAM/ Low CH



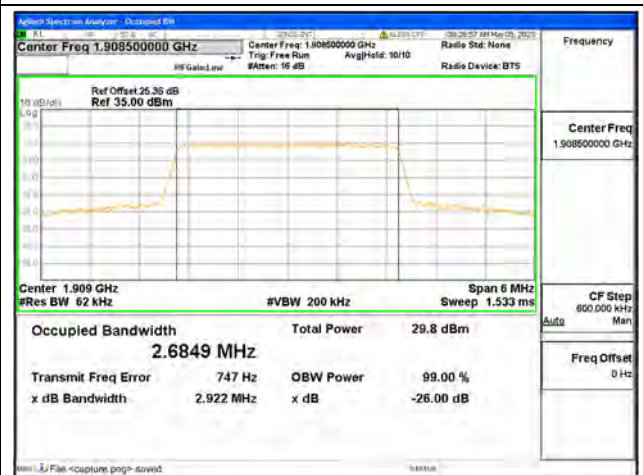
Band2 / 3MHz / QPSK/ Mid CH



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



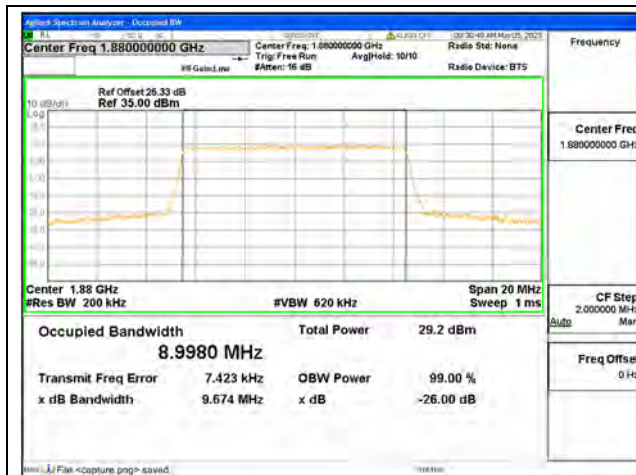
Band2 / 10MHz / QPSK/ Low CH



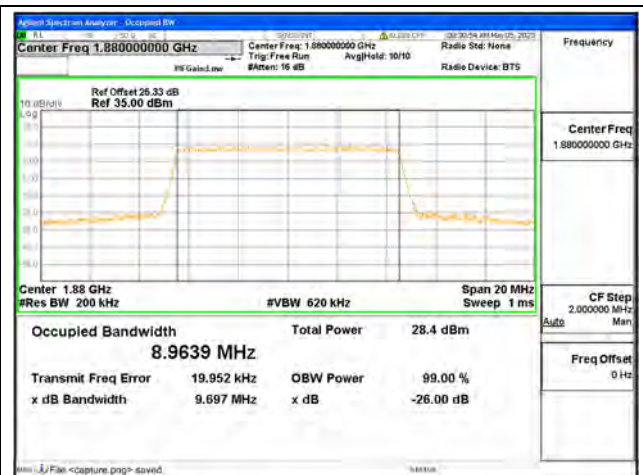
Band2 / 10MHz / 16QAM/ Low CH



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



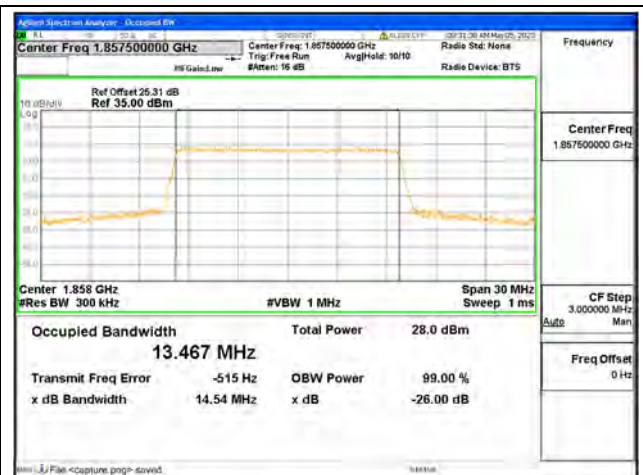
Band2 / 10MHz / 16QAM/ High CH



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



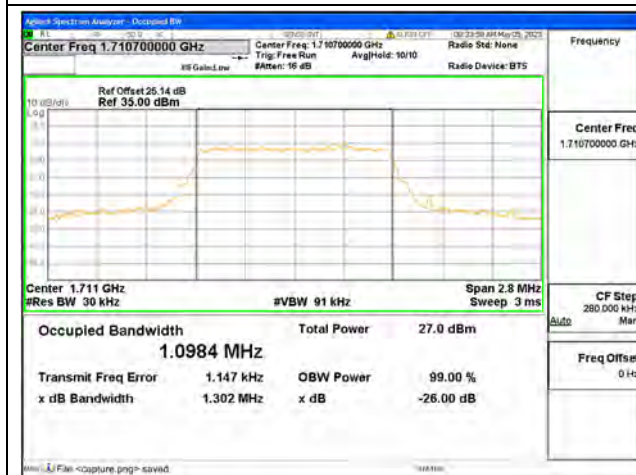
Band2 / 20MHz / 64QAM/ High CH



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



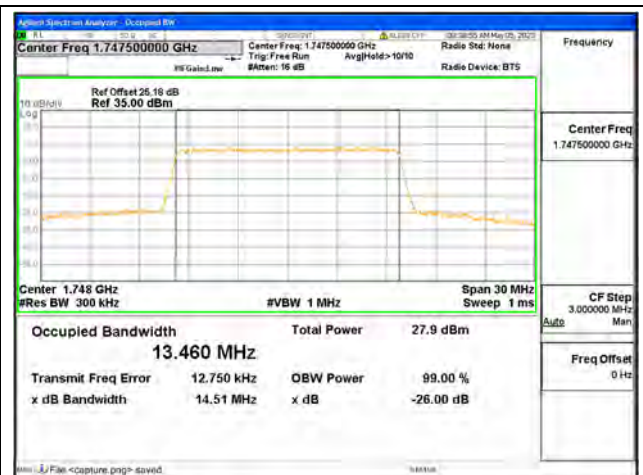
Band4 / 15MHz / 16QAM/ Mid CH



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



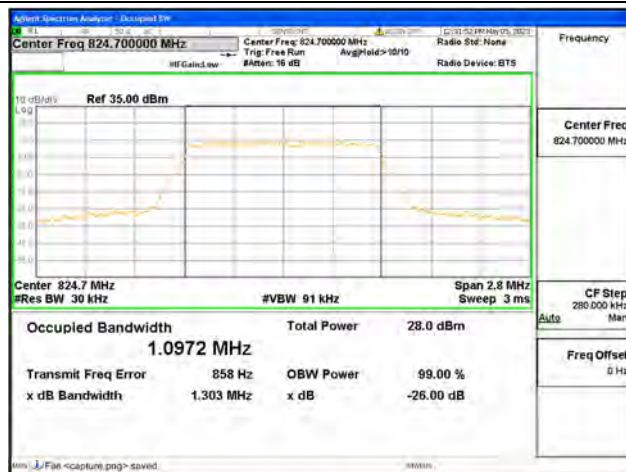
Band4 / 20MHz / 64QAM/ High CH



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



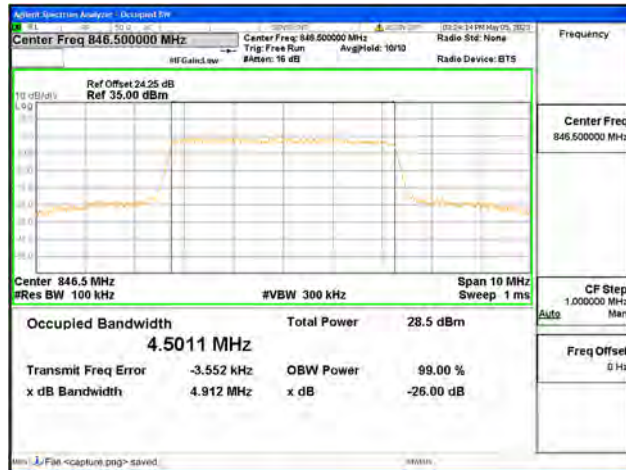
Band5 / 5MHz / 64QAM/ Mid CH



Band5 / 5MHz / QPSK/ High CH



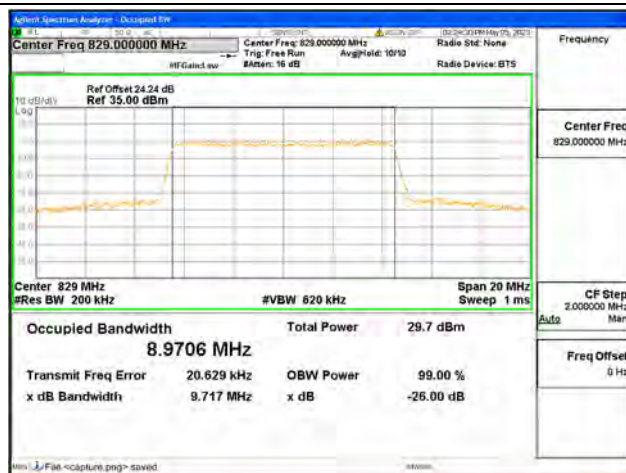
Band5 / 5MHz / 16QAM/ High CH



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



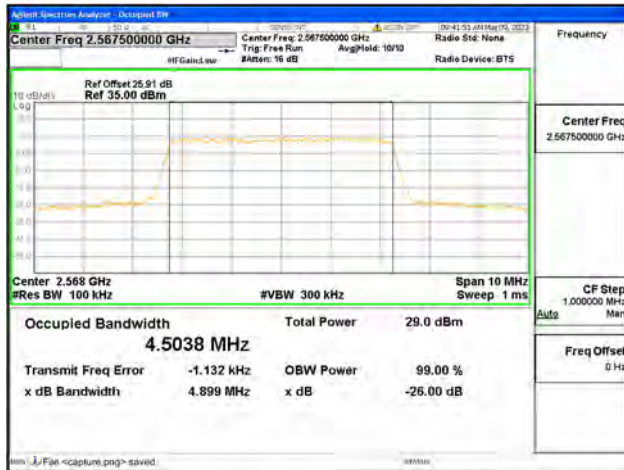
Band7 / 5MHz / 64QAM/ Mid CH



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



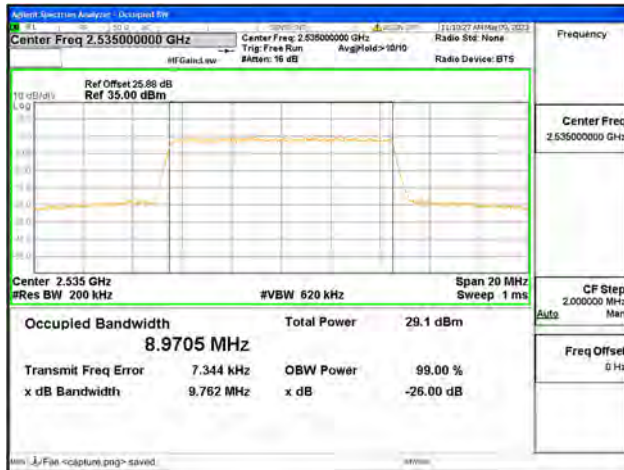
Band7 / 10MHz / 64QAM/ Low CH



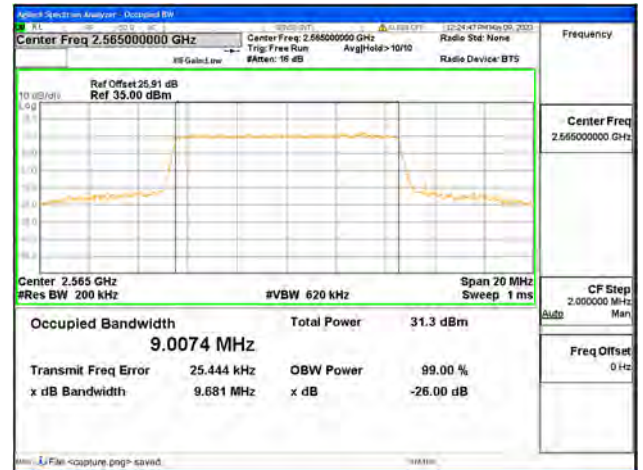
Band7 / 10MHz / QPSK/ Mid CH



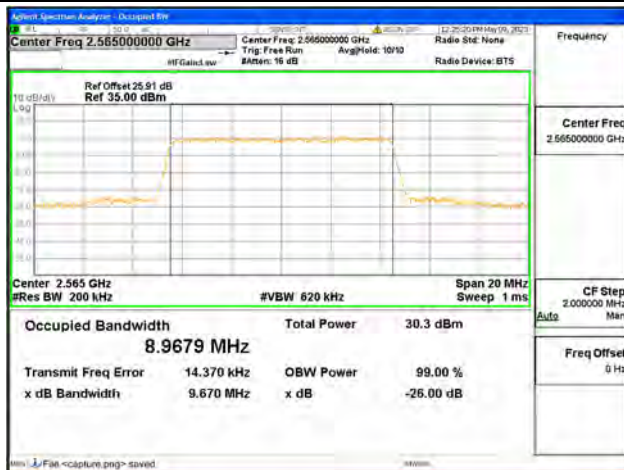
Band7 / 10MHz / 16QAM/ Mid CH



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



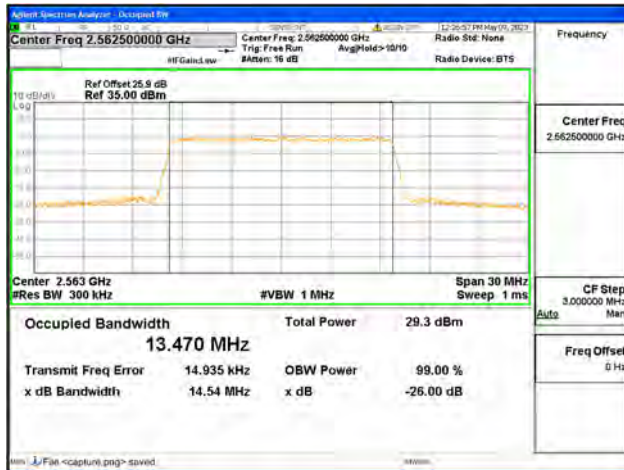
Band7 / 15MHz / 64QAM/ Mid CH



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



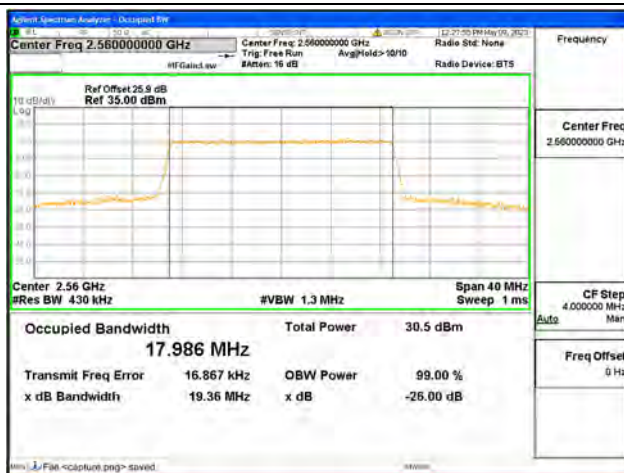
Band7 / 20MHz / 16QAM/ Mid CH



Band7 / 20MHz / 64QAM/ Mid CH



Band7 / 20MHz / QPSK/ High CH



Band7 / 20MHz / 16QAM/ High CH



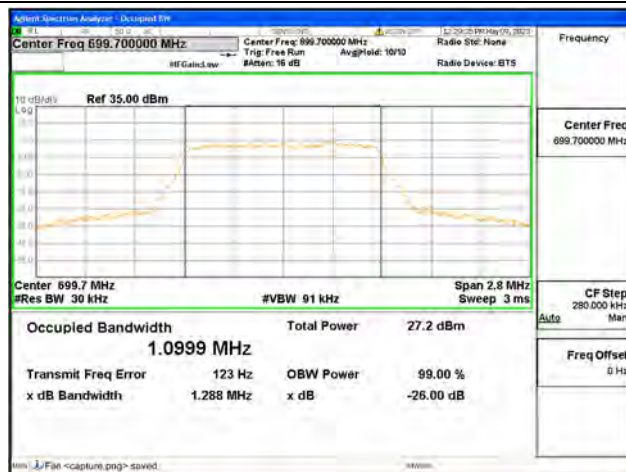
Band7 / 20MHz / 64QAM/ High CH



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



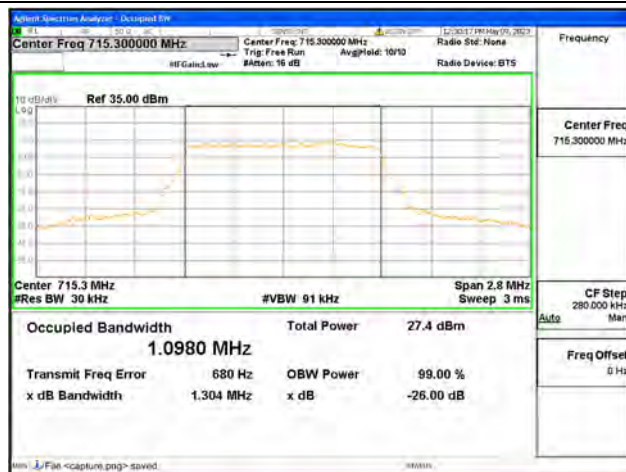
Band12 / 1.4MHz / 64QAM/ Mid CH



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



Band17 / 5MHz / QPSK/ Low CH



Band17 / 5MHz / 16QAM/ Low CH



Band17 / 5MHz / 64QAM/ Low CH



Band17 / 5MHz / QPSK/ Mid CH



Band17 / 5MHz / 16QAM/ Mid CH



Band17 / 5MHz / 64QAM/ Mid CH



Band17 / 5MHz / QPSK/ High CH



Band17 / 5MHz / 16QAM/ High CH



Band17 / 5MHz / 64QAM/ High CH



Band17 / 10MHz / QPSK/ Low CH



Band17 / 10MHz / 16QAM/ Low CH



Band17 / 10MHz / 64QAM/ Low CH



Band17 / 10MHz / QPSK/ Mid CH



Band17 / 10MHz / 16QAM/ Mid CH



Band17 / 10MHz / 64QAM/ Mid CH



Band17 / 10MHz / QPSK/ High CH



Band17 / 10MHz / 16QAM/ High CH



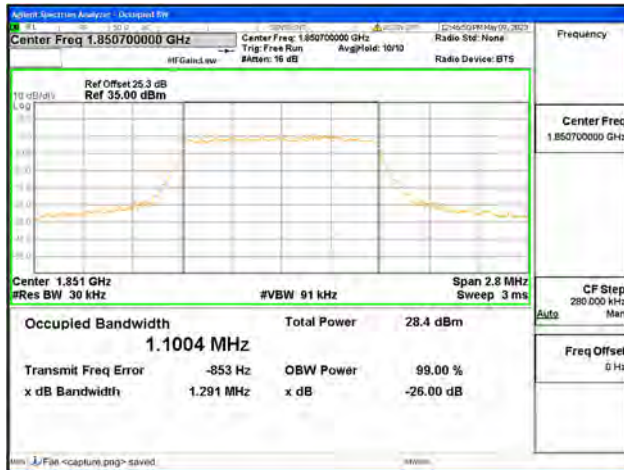
Band17 / 10MHz / 64QAM/ High CH



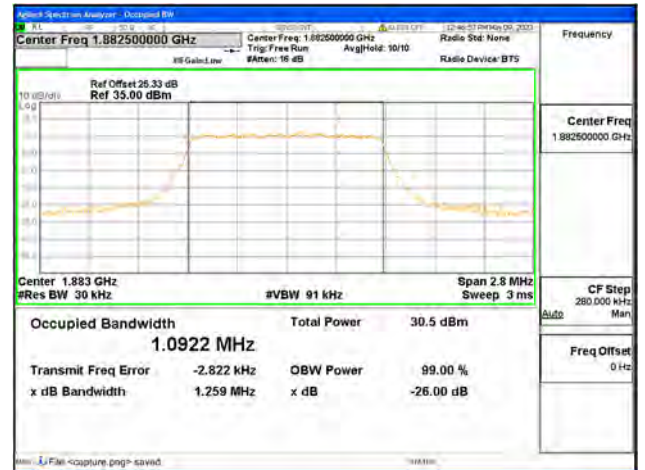
Band25 / 1.4MHz / QPSK/ Low CH



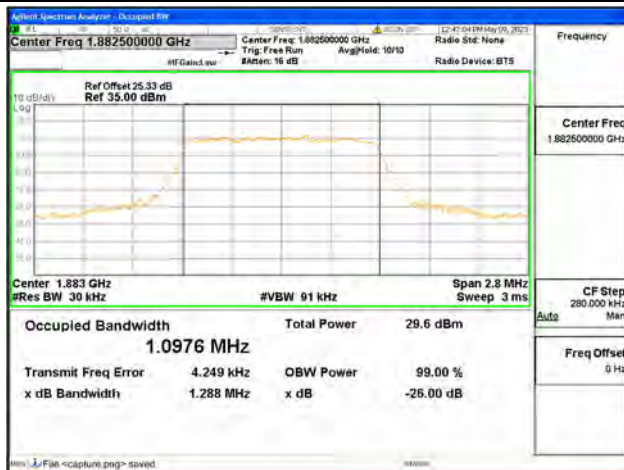
Band25 / 1.4MHz / 16QAM/ Low CH



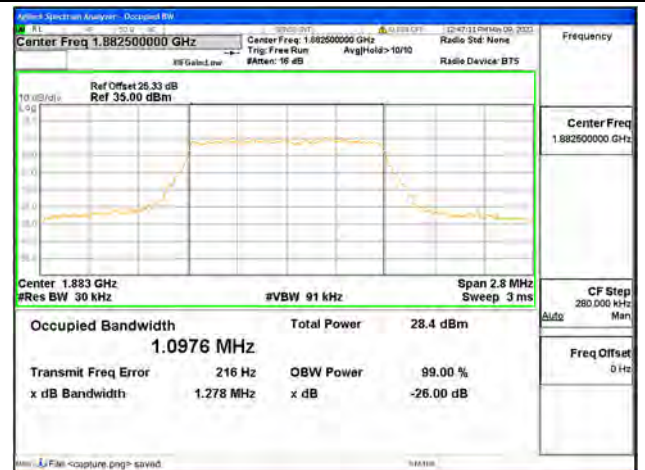
Band25 / 1.4MHz / 64QAM/ Low CH



Band25 / 1.4MHz / QPSK/ Mid CH



Band25 / 1.4MHz / 16QAM/ Mid CH



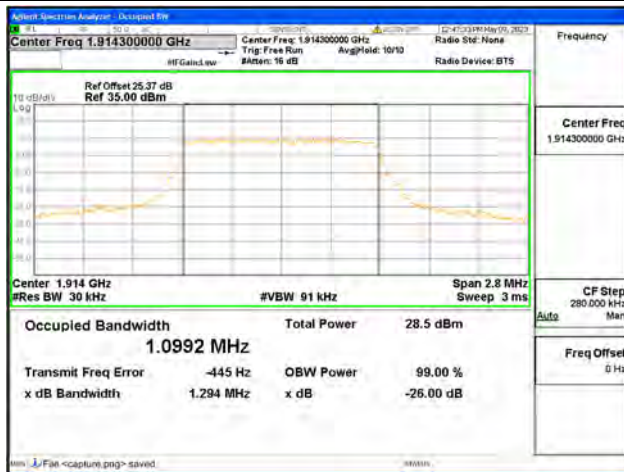
Band25 / 1.4MHz / 64QAM/ Mid CH



Band25 / 1.4MHz / QPSK/ High CH



Band25 / 1.4MHz / 16QAM/ High CH



Band25 / 1.4MHz / 64QAM/ High CH



Band25 / 3MHz / QPSK/ Low CH



Band25 / 3MHz / 16QAM/ Low CH



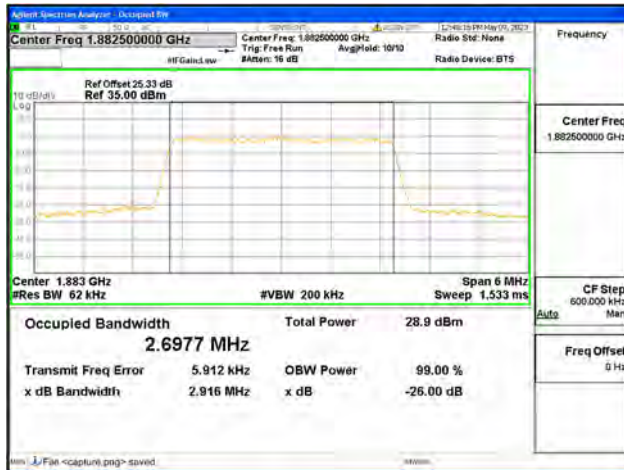
Band25 / 3MHz / 64QAM/ Low CH



Band25 / 3MHz / QPSK/ Mid CH



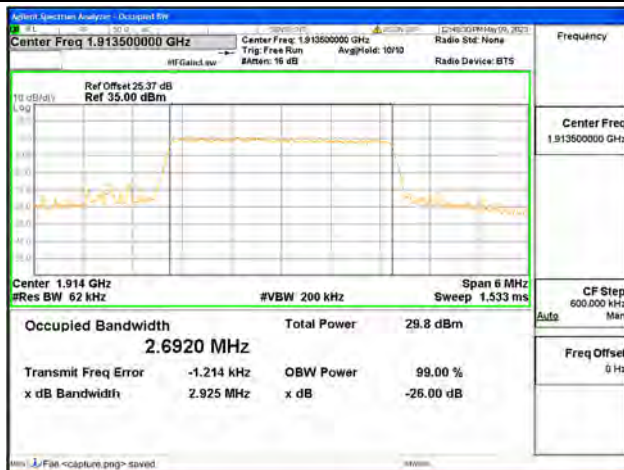
Band25 / 3MHz / 16QAM/ Mid CH



Band25 / 3MHz / 64QAM/ Mid CH



Band25 / 3MHz / QPSK/ High CH



Band25 / 3MHz / 16QAM/ High CH



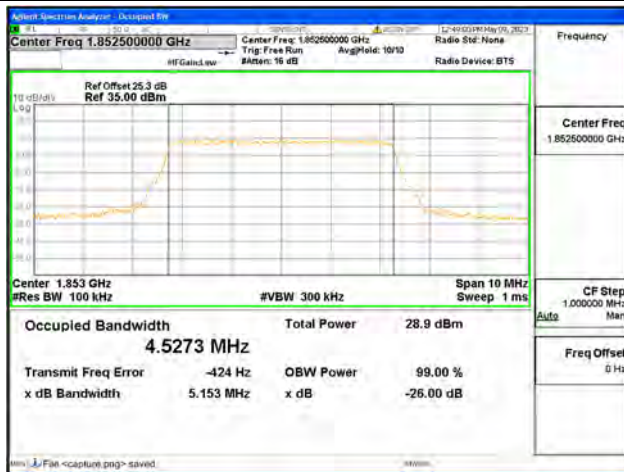
Band25 / 3MHz / 64QAM/ High CH



Band25 / 5MHz / QPSK/ Low CH



Band25 / 5MHz / 16QAM/ Low CH



Band25 / 5MHz / 64QAM/ Low CH



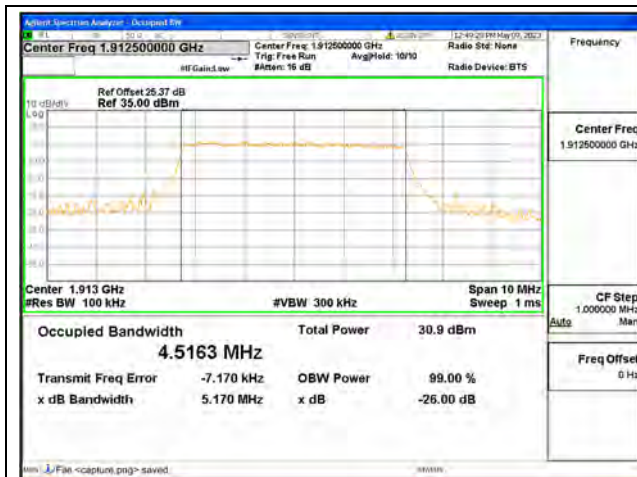
Band25 / 5MHz / QPSK/ Mid CH



Band25 / 5MHz / 16QAM/ Mid CH



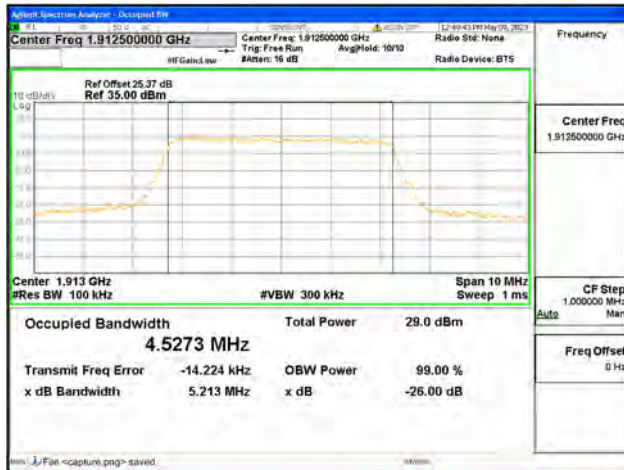
Band25 / 5MHz / 64QAM/ Mid CH



Band25 / 5MHz / QPSK/ High CH



Band25 / 5MHz / 16QAM/ High CH



Band25 / 5MHz / 64QAM/ High CH



Band25 / 10MHz / QPSK/ Low CH



Band25 / 10MHz / 16QAM/ Low CH



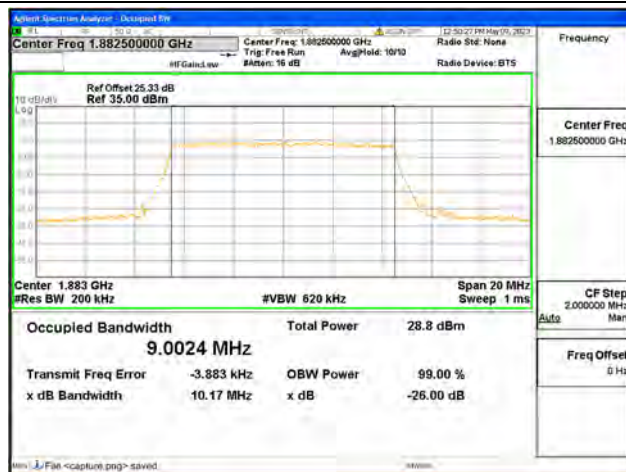
Band25 / 10MHz / 64QAM/ Low CH



Band25 / 10MHz / QPSK/ Mid CH



Band25 / 10MHz / 16QAM/ Mid CH



Band25 / 10MHz / 64QAM/ Mid CH



Band25 / 10MHz / QPSK/ High CH



Band25 / 10MHz / 16QAM/ High CH



Band25 / 10MHz / 64QAM/ High CH



Band25 / 15MHz / QPSK/ Low CH



Band25 / 15MHz / 16QAM/ Low CH



Band25 / 15MHz / 64QAM/ Low CH



Band25 / 15MHz / QPSK/ Mid CH



Band25 / 15MHz / 16QAM/ Mid CH



Band25 / 15MHz / 64QAM/ Mid CH



Band25 / 15MHz / QPSK/ High CH



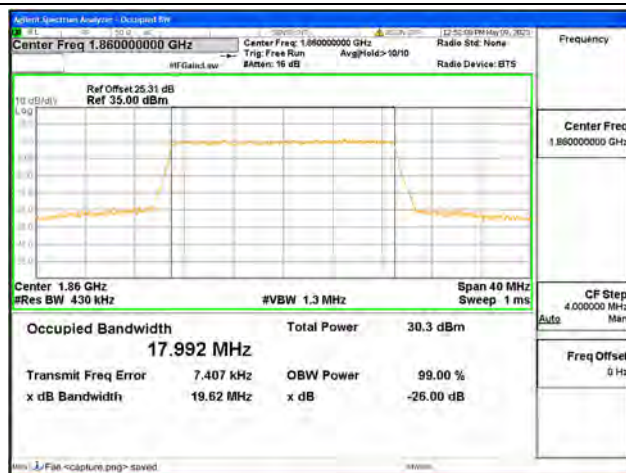
Band25 / 15MHz / 16QAM/ High CH



Band25 / 15MHz / 64QAM/ High CH



Band25 / 20MHz / QPSK/ Low CH



Band25 / 20MHz / 16QAM/ Low CH



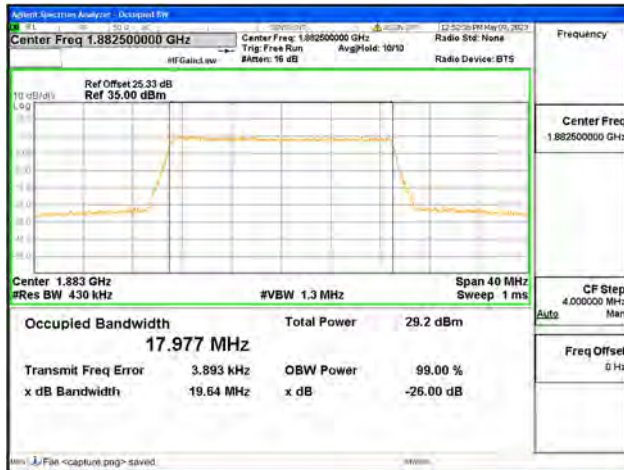
Band25 / 20MHz / 64QAM/ Low CH



Band25 / 20MHz / QPSK/ Mid CH



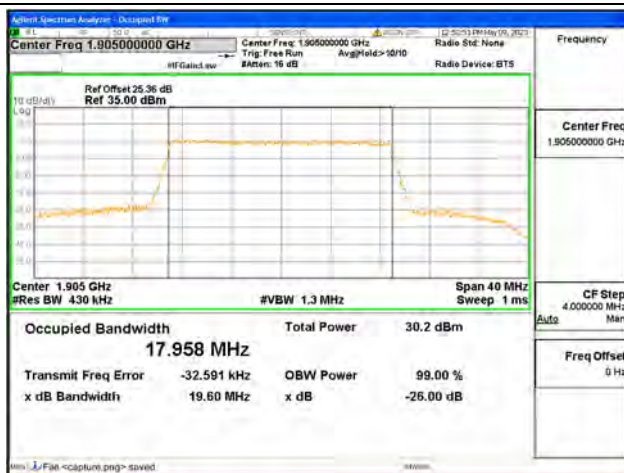
Band25 / 20MHz / 16QAM/ Mid CH



Band25 / 20MHz / 64QAM/ Mid CH



Band25 / 20MHz / QPSK/ High CH



Band25 / 20MHz / 16QAM/ High CH



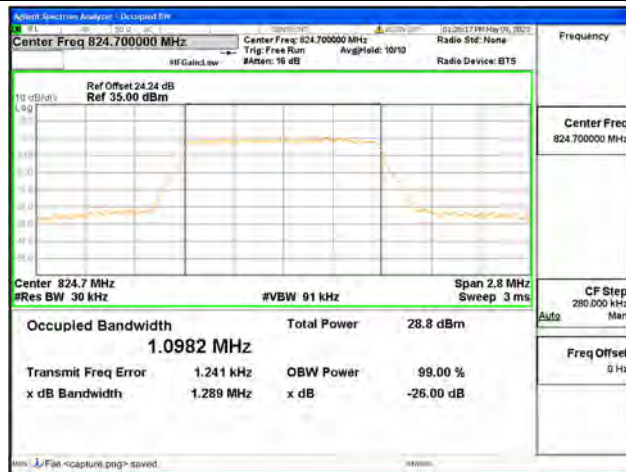
Band25 / 20MHz / 64QAM/ High CH



Band26 Part22 / 1.4MHz / QPSK/ Low CH



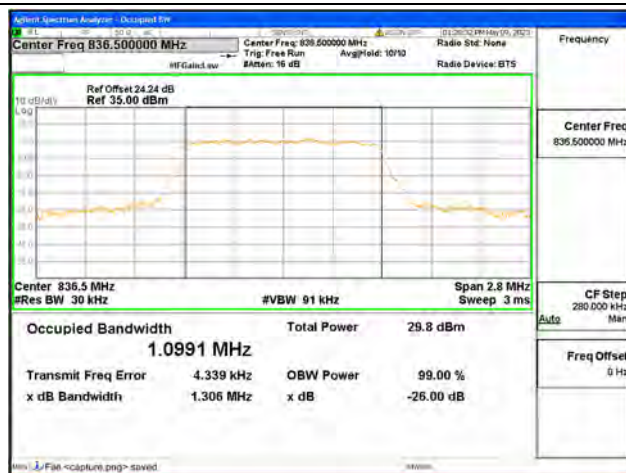
Band26 Part22 / 1.4MHz / 16QAM/ Low CH



Band26 Part22 / 1.4MHz / 64QAM/ Low CH



Band26 Part22 / 1.4MHz / QPSK/ Mid CH



Band26 Part22 / 1.4MHz / 16QAM/ Mid CH



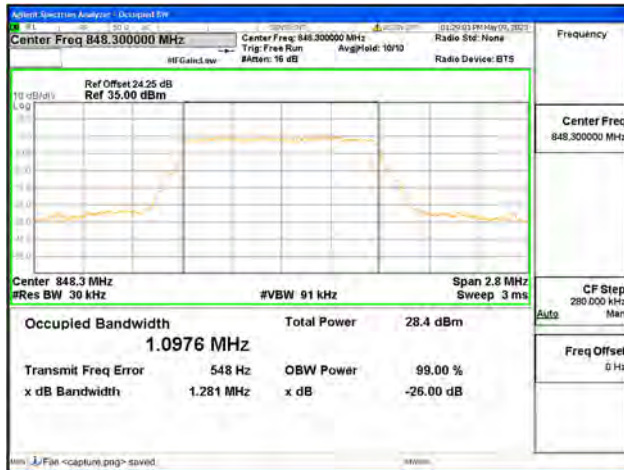
Band26 Part22 / 1.4MHz / 64QAM/ Mid CH



Band26 Part22 / 1.4MHz / QPSK/ High CH



Band26 Part22 / 1.4MHz / 16QAM/ High CH



Band26 Part22 / 1.4MHz / 64QAM/ High CH



Band26 Part22 / 3MHz / QPSK/ Low CH



Band26 Part22 / 3MHz / 16QAM/ Low CH



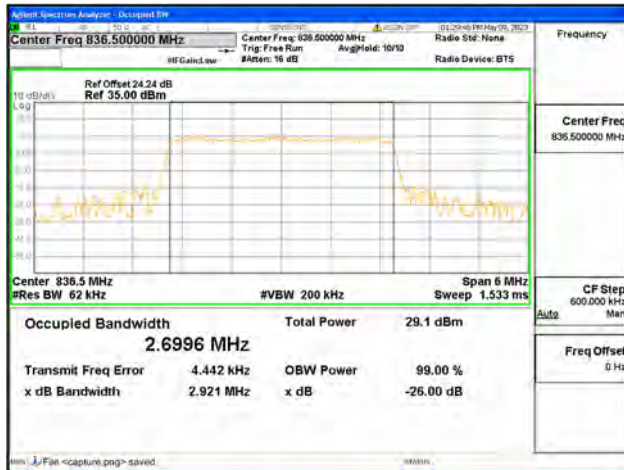
Band26 Part22 / 3MHz / 64QAM/ Low CH



Band26 Part22 / 3MHz / QPSK/ Mid CH



Band26 Part22 / 3MHz / 16QAM/ Mid CH



Band26 Part22 / 3MHz / 64QAM/ Mid CH



Band26 Part22 / 3MHz / QPSK/ High CH



Band26 Part22 / 3MHz / 16QAM/ High CH



Band26 Part22 / 3MHz / 64QAM/ High CH



Band26 Part22 / 5MHz / QPSK/ Low CH



Band26 Part22 / 5MHz / 16QAM/ Low CH



Band26 Part22 / 5MHz / 64QAM/ Low CH



Band26 Part22 / 5MHz / QPSK/ Mid CH



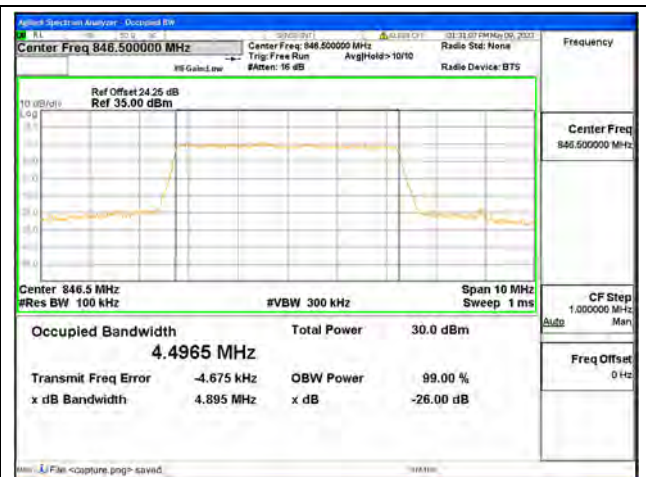
Band26 Part22 / 5MHz / 16QAM/ Mid CH



Band26 Part22 / 5MHz / 64QAM/ Mid CH



Band26 Part22 / 5MHz / QPSK/ High CH



Band26 Part22 / 5MHz / 16QAM/ High CH



Band26 Part22 / 5MHz / 64QAM/ High CH



Band26 Part22 / 10MHz / QPSK/ Low CH



Band26 Part22 / 10MHz / 16QAM/ Low CH



Band26 Part22 / 10MHz / 64QAM/ Low CH



Band26 Part22 / 10MHz / QPSK/ Mid CH



Band26 Part22 / 10MHz / 16QAM/ Mid CH



Band26 Part22 / 10MHz / 64QAM/ Mid CH



Band26 Part22 / 10MHz / QPSK/ High CH



Band26 Part22 / 10MHz / 16QAM/ High CH



Band26 Part22 / 10MHz / 64QAM/ High CH



Band26 Part22 / 15MHz / QPSK/ Low CH



Band26 Part22 / 15MHz / 16QAM/ Low CH



Band26 Part22 / 15MHz / 64QAM/ Low CH



Band26 Part22 / 15MHz / QPSK/ Mid CH



Band26 Part22 / 15MHz / 16QAM/ Mid CH



Band26 Part22 / 15MHz / 64QAM/ Mid CH