



REPORT No.: SZ24090015W02

TEST REPORT

APPLICANT : Securus Technologies, LLC

PRODUCT NAME : Tablet

MODEL NAME : EVOTAB

BRAND NAME : SECURUS

FCC ID : 2AZJPEVOTAB

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

RECEIPT DATE : 2025-05-12

TEST DATE : 2025-05-16 to 2025-06-12

ISSUE DATE : 2025-06-19

Edited by:

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Change History		
Version	Date	Reason for change
1.0	2025-06-19	First edition



1. Technical Information

Note: Provide by applicant.

1.1. Applicant and Manufacturer Information

Applicant:	Securus Technologies, LLC
Applicant Address:	5360 Legacy Drive, Suite 300, Plano, Texas, United States, 75024
Manufacturer:	Rhino Mobility LLC
Manufacturer Address:	8 The Green, Suite A, Dover, Delaware, 19901, USA

1.2. Equipment Under Test (EUT) Description

Product Name:	Tablet	
Sample No.:	30#, 28#, 14#	
Hardware Version:	T8006_MB_V1.0	
Software Version:	T81R(001)_20250530	
Modulation Type:	QPSK, 16QAM, 64QAM	
Operation Band:	Band 2 / 4 / 5 / 7 / 12 / 13 / 17 / 18 / 19 / 25 / 26 / 30 / 41 / 66 / 71 (Band 29 only support receiver)	
Frequency Range:	LTE Band 2	Tx: 1850MHz–1910MHz
		Rx: 1930MHz–1990MHz
	LTE Band 4	Tx: 1710MHz–1755MHz
		Rx: 2110MHz–2155MHz
	LTE Band 5	Tx: 824MHz–849MHz
		Rx: 869MHz–894MHz
	LTE Band 7	Tx: 2500MHz–2570MHz
		Rx: 2620MHz–2690MHz
	LTE Band 12	Tx: 699MHz–716MHz
		Rx: 729MHz–746MHz
	LTE Band 13	Tx: 777MHz–787MHz
		Rx: 746MHz–756MHz
	LTE Band 17	Tx: 704MHz–716MHz
		Rx: 734MHz–746MHz
	LTE Band 18	Tx: 824MHz–830MHz
		Rx: 869MHz–875MHz



	LTE Band 19	Tx: 830MHz–845MHz
		Rx: 875MHz–890MHz
	LTE Band 25	Tx: 1850MHz–1915MHz
		Rx: 1930MHz–1995MHz
	LTE Band 26	Tx: 824MHz–849MHz
		Rx: 869MHz–894MHz
	LTE Band 29	Rx: 717MHz–728MHz
	LTE Band 30	Tx: 2305MHz–2315MHz
		Rx: 2350MHz–2360MHz
	LTE Band 41	Tx: 2496MHz–2690MHz
		Rx: 2496MHz–2690MHz
Channel Bandwidth:	LTE Band 66	Tx: 1710MHz –1780MHz
		Rx: 2110MHz–2200MHz
	LTE Band 71	Tx: 663MHz–698MHz
		Rx: 617MHz–652MHz
	LTE Band 2	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
	LTE Band 4	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
	LTE Band 5	1.4MHz, 3MHz, 5MHz, 10MHz
	LTE Band 7	5 MHz, 10MHz, 15MHz, 20MHz
	LTE Band 12	1.4MHz, 3 MHz, 5 MHz, 10MHz
	LTE Band 13	5 MHz, 10MHz
	LTE Band 17	5 MHz, 10MHz
	LTE Band 18	5 MHz
	LTE Band 19	5 MHz, 10MHz, 15MHz
	LTE Band 25	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
	LTE Band 26	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz
	LTE Band 30	5 MHz, 10MHz
	LTE Band 41	5 MHz, 10MHz, 15MHz, 20MHz
	LTE Band 66	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
	LTE Band 71	5MHz, 10MHz, 15MHz, 20MHz
Antenna Type:		PIFA Antenna
Antenna Gain:	LTE Band 2	4.31dBi
	LTE Band 4	2.78dBi
	LTE Band 5	1.37dBi
	LTE Band 7	4.01dBi
	LTE Band 12	1.48dBi
	LTE Band 13	1.95dBi

	LTE Band 17	1.05dBi
	LTE Band 18	1.05dBi
	LTE Band 19	1.57dBi
	LTE Band 25	4.31dBi
	LTE Band 26	1.37dBi
	LTE Band 30	2.33dBi
	LTE Band 41	3.99dBi
	LTE Band 66	2.78dBi
	LTE Band 71	2.26dBi
Accessory Information:	Battery	
	Brand Name:	N/A
	Model No.:	ST-E6
	Serial No.:	N/A
	Capacity:	6000mAh
	Rated Voltage:	3.87V
	Charge Limit:	4.45V
	Manufacturer:	PHENIX NEW ENERGY (HUIZHOU) CO., LTD.
	AC Adapter	
	Brand Name:	N/A
	Model No.:	DCT18W090200US-T0
	Serial No.:	N/A
	Rated Output:	9V $\Rightarrow$ 2A
	Rated Input:	100-240V $\sim$ 50/60Hz, 0.7A
	Manufacturer:	Zhuzhou Dachuan Electronic Technology Co.,Ltd

Note 1: The EUT description presented in the report are provided by applicant and/or manufacturer, and the test laboratory is not responsible for the accuracy of the information. 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	0.561	0.461	0.455	17M9G7D	17M9W7D	17M9W7D
15	0.557	0.465	0.461	13M5G7D	13M5W7D	13M4W7D
10	0.558	0.471	0.458	8M98G7D	8M95W7D	8M97W7D
5	0.556	0.467	0.450	4M49G7D	4M49W7D	4M50W7D
3	0.557	0.465	0.458	2M70G7D	2M70W7D	2M71W7D
1.4	0.555	0.461	0.461	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	0.399	0.327	0.321	17M9G7D	17M9W7D	17M9W7D
15	0.396	0.327	0.322	13M4G7D	13M4W7D	13M4W7D
10	0.395	0.327	0.324	8M97G7D	8M94W7D	8M95W7D
5	0.394	0.325	0.324	4M49G7D	4M49W7D	4M49W7D
3	0.394	0.328	0.327	2M70G7D	2M71W7D	2M71W7D
1.4	0.394	0.323	0.322	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	0.182	0.147	0.148	8M98G7D	8M95W7D	8M96W7D
5	0.180	0.149	0.143	4M49G7D	4M49W7D	4M50W7D
3	0.181	0.146	0.146	2M70G7D	2M71W7D	2M71W7D
1.4	0.180	0.147	0.145	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	0.530	0.429	0.435	17M9G7D	17M9W7D	17M9W7D
15	0.527	0.430	0.434	13M5G7D	13M4W7D	13M4W7D
10	0.524	0.432	0.437	8M98G7D	8M95W7D	8M96W7D
5	0.526	0.442	0.422	4M49G7D	4M49W7D	4M49W7D
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	0.187	0.151	0.151	8M98G7D	8M96W7D	8M97W7D
5	0.185	0.156	0.150	4M49G7D	4M49W7D	4M49W7D
3	0.185	0.155	0.153	2M71G7D	2M70W7D	2M71W7D
1.4	0.185	0.153	0.152	1M10G7D	1M10W7D	1M10W7D



LTE Band 13		Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10		0.209	0.166	0.164	8M96G7D	8M95W7D	8M95W7D
5		0.208	0.172	0.171	4M50G7D	4M50W7D	4M50W7D
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		0.191	0.157	0.152	8M97G7D	8M93W7D	8M95W7D
5		0.190	0.155	0.157	4M49G7D	4M50W7D	4M50W7D
LTE Band 18		Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
5		0.140	0.118	0.115	4M49G7D	4M49W7D	4M50W7D
LTE Band 19		Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
15		0.142	0.114	0.116	13M5G7D	13M5W7D	13M4W7D
10		0.180	0.147	0.144	8M96G7D	8M95W7D	8M98W7D
5		0.180	0.147	0.147	4M49G7D	4M49W7D	4M50W7D
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		0.575	0.474	0.467	17M9G7D	18M0W7D	18M0W7D
15		0.570	0.472	0.465	13M5G7D	13M5W7D	13M4W7D
10		0.571	0.473	0.468	8M98G7D	8M94W7D	8M96W7D
5		0.568	0.481	0.461	4M49G7D	4M49W7D	4M49W7D
3		0.566	0.466	0.473	2M71G7D	2M70W7D	2M71W7D
1.4		0.569	0.471	0.468	1M10G7D	1M11W7D	1M10W7D
LTE Band 26		Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
15		0.178	0.159	0.151	13M5G7D	13M5W7D	13M5W7D
10		0.183	0.160	0.154	9M00G7D	8M96W7D	8M98W7D
5		0.182	0.163	0.148	4M48G7D	4M49W7D	4M48W7D
3		0.182	0.152	0.151	2M72G7D	2M72W7D	2M73W7D
1.4		0.185	0.162	0.154	1M10G7D	1M10W7D	1M10W7D
LTE Band 30		Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10		0.402	0.324	0.318	8M96G7D	8M94W7D	8M95W7D
5		0.397	0.318	0.314	4M49G7D	4M49W7D	4M49W7D



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	0.406	0.324	0.320	17M9G7D	17M9W7D	17M9W7D
15	0.401	0.327	0.324	13M4G7D	13M4W7D	13M4W7D
10	0.403	0.331	0.322	8M97G7D	8M95W7D	8M98W7D
5	0.404	0.328	0.316	4M49G7D	4M50W7D	4M50W7D
3	0.403	0.327	0.322	2M70G7D	2M70W7D	2M71W7D
1.4	0.400	0.324	0.324	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	0.174	0.145	0.139	17M8G7D	17M8W7D	17M9W7D
15	0.215	0.182	0.179	13M5G7D	13M4W7D	13M4W7D
10	0.213	0.180	0.182	8M99G7D	8M94W7D	8M95W7D
5	0.214	0.182	0.180	4M49G7D	4M49W7D	4M49W7D

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	0.975	0.818	0.813	0.589	0.476	0.473
15	0.968	0.822	0.804	0.583	0.484	0.482
10	0.964	0.826	0.793	0.586	0.492	0.479
5	0.966	0.822	0.813	0.585	0.491	0.473
LTE Band 41	Emission Designator (99%OBW)					
	Power Class 2			Power Class 3		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20	17M9G7D	17M9W7D	17M9W7D	17M9G7D	17M9W7D	17M9W7D
15	13M5G7D	13M5W7D	13M5W7D	13M5G7D	13M5W7D	13M4W7D
10	8M97G7D	8M95W7D	8M97W7D	8M96G7D	8M95W7D	8M97W7D
5	4M49G7D	4M49W7D	4M49W7D	4M48G7D	4M49W7D	4M48W7D



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	Remark
2.1046 22.913(a)(2) 24.232(c) 27.50(a)(3) 27.50(b)(10) 27.50(c)(10) 27.50(d)(4) 27.50(h)(2)	Transmitter Conducted Output Power and E.R.P./E.I.R.P.	May 16, 2025	Shen Biaohong Liu Huiyan	PASS ^{Note3}	/
2.1049	Occupied Bandwidth	May 27, 2025	Liu Huiyan	PASS	/
2.1055 22.355 24.235 27.54	Frequency Stability	Jun. 12, 2025	Liu Huiyan	PASS	/
24.232(d), 27.50(d)(5)	Peak to Average Radio	May 27, 2025	Liu Huiyan	PASS	/
2.1051 22.917(a) 24.238(a) 27.53(a)(4) 27.53(c)(2) 27.53(g) 27.53(h) 27.53(m)(4)	Conducted Spurious Emissions	May 27, 2025	Liu Huiyan	PASS	/
2.1051 22.917(a)	Band Edge	May 27, 2025	Liu Huiyan	PASS	/



24.238(a) 27.53(a)(4) 27.53(c)(2) 27.53(g) 27.53(h) 27.53(m)(4)					
2.1053 22.917(a) 24.238(a) 27.53(a)(4) 27.53(c)(2) 27.53(g) 27.53(h) 27.53(m)(4)	Radiated Spurious Emissions	May 26, 2024 to Jun. 03, 2025	Li Hanbin	PASS	/
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: Any additions, deviation, or exclusions from the method shall be noted in the "Remark". Note 3: The antenna gain presented in the report are provided by applicant and/or manufacturer, and the test laboratory is not responsible for the accuracy of the information.					

1.5. Environmental Conditions

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

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



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

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

2.1.1. Requirement

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

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

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

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

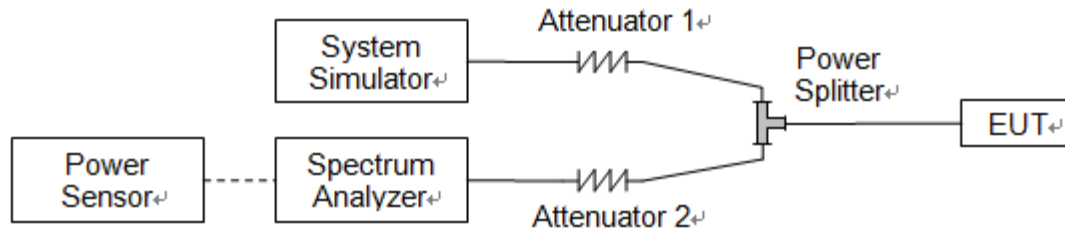
According to FCC section 27.50 (h)(2) for LTE Band 7/41, Mobile and other user stations. Mobile stations are limited to 2 watts E.I.R.P. All user stations are limited to 2 watts transmitter output power.

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

According to FCC section 27.50 (c)(10) for LTE Band 12/17/71, Portable stations (hand-held devices) operating in the 704-716MHz band are limited to 3watts E.R.P.

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

2.1.2. Test Description



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

2.1.3. Test Procedure

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

$$\text{E.I.R.P. (dBm)} = \text{Conducted Output Power (dBm)} + \text{Antenna Gain (dBi)}$$

$$\text{E.R.P. (dBm)} = \text{E.I.R.P. (dBm)} - 2.15$$



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	23.10	23.18	23.15
20	QPSK	1	49	22.96	23.09	23.09
20	QPSK	1	99	23.07	23.13	23.11
20	QPSK	50	0	22.26	22.32	22.27
20	QPSK	50	24	22.20	22.23	22.18
20	QPSK	50	50	22.22	22.15	22.19
20	QPSK	100	0	22.17	22.20	22.13
20	16QAM	1	0	22.25	22.30	22.11
20	16QAM	1	49	22.23	22.33	22.23
20	16QAM	1	99	22.18	22.25	22.19
20	16QAM	50	0	21.03	21.25	21.10
20	16QAM	50	24	21.21	21.04	20.98
20	16QAM	50	50	21.14	21.23	21.18
20	16QAM	100	0	21.20	21.23	21.21
20	64QAM	1	0	22.26	22.27	22.16
20	64QAM	1	49	22.23	22.21	22.00
20	64QAM	1	99	22.18	22.01	22.09
20	64QAM	50	0	21.24	21.35	21.33
20	64QAM	50	24	21.05	21.13	21.19
20	64QAM	50	50	21.18	21.20	21.11
20	64QAM	100	0	21.27	21.35	21.11



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	23.14	23.15	23.10
15	QPSK	1	37	22.92	23.00	22.93
15	QPSK	1	74	23.01	23.05	23.07
15	QPSK	36	0	22.28	22.31	22.18
15	QPSK	36	20	22.19	22.25	22.18
15	QPSK	36	39	22.16	22.04	22.19
15	QPSK	75	0	22.00	22.16	22.18
15	16QAM	1	0	22.35	22.36	22.30
15	16QAM	1	37	22.12	22.16	22.31
15	16QAM	1	74	22.31	22.25	22.10
15	16QAM	36	0	21.20	21.15	21.14
15	16QAM	36	20	21.03	21.20	21.14
15	16QAM	36	39	21.11	21.32	21.15
15	16QAM	75	0	21.12	21.13	21.01
15	64QAM	1	0	22.22	22.31	22.30
15	64QAM	1	37	22.29	22.33	22.03
15	64QAM	1	74	22.18	22.02	22.22
15	64QAM	36	0	21.35	21.36	21.37
15	64QAM	36	20	21.04	21.13	21.30
15	64QAM	36	39	21.08	21.13	21.10
15	64QAM	75	0	21.10	21.26	21.22



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	23.10	23.16	23.14
10	QPSK	1	25	23.08	23.12	23.09
10	QPSK	1	49	23.05	23.13	23.03
10	QPSK	25	0	22.16	22.36	22.17
10	QPSK	25	12	22.19	22.12	22.05
10	QPSK	25	25	22.24	22.20	22.20
10	QPSK	50	0	22.12	22.21	22.28
10	16QAM	1	0	22.21	22.42	22.15
10	16QAM	1	25	22.10	22.13	22.33
10	16QAM	1	49	22.25	22.33	22.07
10	16QAM	25	0	21.05	21.30	21.32
10	16QAM	25	12	21.17	21.12	21.12
10	16QAM	25	25	21.09	21.19	21.04
10	16QAM	50	0	21.22	21.20	21.22
10	64QAM	1	0	22.26	22.16	22.07
10	64QAM	1	25	22.20	22.30	22.18
10	64QAM	1	49	22.06	22.10	22.26
10	64QAM	25	0	21.26	21.35	21.40
10	64QAM	25	12	21.17	21.26	21.23
10	64QAM	25	25	21.11	21.12	21.17
10	64QAM	50	0	21.09	21.18	21.22



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	23.13	23.14	23.11
5	QPSK	1	12	22.94	23.04	23.07
5	QPSK	1	24	22.96	23.06	23.01
5	QPSK	12	0	22.11	22.33	22.13
5	QPSK	12	7	22.20	22.23	22.11
5	QPSK	12	13	22.19	22.26	22.23
5	QPSK	25	0	22.02	22.28	22.19
5	16QAM	1	0	22.38	22.23	22.25
5	16QAM	1	12	22.12	22.14	22.37
5	16QAM	1	24	22.25	22.31	22.15
5	16QAM	12	0	21.11	21.15	21.19
5	16QAM	12	7	21.27	21.21	21.16
5	16QAM	12	13	21.25	21.17	21.26
5	16QAM	25	0	21.21	21.26	21.18
5	64QAM	1	0	22.12	22.20	22.22
5	64QAM	1	12	22.17	22.21	22.11
5	64QAM	1	24	22.09	22.21	22.19
5	64QAM	12	0	21.26	21.23	21.40
5	64QAM	12	7	21.20	21.36	21.36
5	64QAM	12	13	21.03	21.24	21.12
5	64QAM	25	0	21.09	21.29	21.07



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	23.10	23.15	23.07
3	QPSK	1	8	22.89	23.04	23.08
3	QPSK	1	14	23.06	23.00	23.06
3	QPSK	8	0	22.11	22.20	22.33
3	QPSK	8	4	22.21	22.23	22.17
3	QPSK	8	7	22.24	22.11	22.09
3	QPSK	15	0	22.09	22.05	22.24
3	16QAM	1	0	22.34	22.30	22.09
3	16QAM	1	8	22.24	22.36	22.16
3	16QAM	1	14	22.30	22.14	22.10
3	16QAM	8	0	21.28	21.32	21.27
3	16QAM	8	4	21.06	21.02	21.13
3	16QAM	8	7	21.19	21.13	21.15
3	16QAM	15	0	21.05	21.12	21.06
3	64QAM	1	0	22.17	22.30	22.08
3	64QAM	1	8	22.11	22.21	22.12
3	64QAM	1	14	22.07	22.12	22.03
3	64QAM	8	0	21.25	21.31	21.41
3	64QAM	8	4	21.29	21.31	21.35
3	64QAM	8	7	21.09	21.16	21.06
3	64QAM	15	0	21.16	21.14	21.10



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	23.07	23.13	23.11
1.4	QPSK	1	3	23.09	22.95	23.08
1.4	QPSK	1	5	23.06	23.04	23.05
1.4	QPSK	3	0	22.13	22.29	22.26
1.4	QPSK	3	1	22.09	22.24	22.09
1.4	QPSK	3	3	22.19	22.24	22.28
1.4	QPSK	6	0	22.00	22.05	22.23
1.4	16QAM	1	0	22.25	22.30	22.14
1.4	16QAM	1	3	22.19	22.28	22.19
1.4	16QAM	1	5	22.33	22.28	22.15
1.4	16QAM	3	0	21.28	21.32	21.18
1.4	16QAM	3	1	21.21	21.20	21.16
1.4	16QAM	3	3	21.24	21.11	21.05
1.4	16QAM	6	0	21.02	21.06	21.04
1.4	64QAM	1	0	22.25	22.20	22.14
1.4	64QAM	1	3	22.33	22.28	21.99
1.4	64QAM	1	5	22.12	22.19	22.24
1.4	64QAM	3	0	21.30	21.30	21.30
1.4	64QAM	3	1	21.12	21.31	21.17
1.4	64QAM	3	3	21.02	21.22	21.16
1.4	64QAM	6	0	21.19	21.26	21.12



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	23.22	23.23	23.16
20	QPSK	1	49	23.14	23.04	23.15
20	QPSK	1	99	23.11	23.04	23.00
20	QPSK	50	0	22.32	22.33	22.22
20	QPSK	50	24	22.05	22.15	22.07
20	QPSK	50	50	22.03	22.26	22.26
20	QPSK	100	0	22.10	22.17	22.18
20	16QAM	1	0	22.36	22.37	22.22
20	16QAM	1	49	22.08	22.19	22.20
20	16QAM	1	99	22.20	22.10	22.05
20	16QAM	50	0	21.05	21.29	21.26
20	16QAM	50	24	21.26	21.25	21.13
20	16QAM	50	50	21.29	21.14	21.08
20	16QAM	100	0	21.21	21.15	21.18
20	64QAM	1	0	22.29	22.16	22.13
20	64QAM	1	49	22.17	22.16	22.17
20	64QAM	1	99	22.08	22.12	22.19
20	64QAM	50	0	21.33	21.30	21.22
20	64QAM	50	24	21.27	21.17	21.31
20	64QAM	50	50	21.08	21.03	21.04
20	64QAM	100	0	21.11	21.26	21.30



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20025	20175	20325
Frequency (MHz)				1717.5	1732.5	1747.5
15	QPSK	1	0	23.20	23.13	23.12
15	QPSK	1	37	22.99	22.99	23.08
15	QPSK	1	74	23.06	23.08	23.03
15	QPSK	36	0	22.28	22.23	22.35
15	QPSK	36	20	22.10	22.29	22.26
15	QPSK	36	39	22.00	22.11	22.24
15	QPSK	75	0	21.99	22.14	22.14
15	16QAM	1	0	22.24	22.37	22.12
15	16QAM	1	37	22.14	22.32	22.24
15	16QAM	1	74	22.13	22.25	22.05
15	16QAM	36	0	21.05	21.14	21.12
15	16QAM	36	20	21.08	21.26	21.12
15	16QAM	36	39	21.10	21.11	21.26
15	16QAM	75	0	21.06	21.14	21.11
15	64QAM	1	0	22.06	22.23	22.22
15	64QAM	1	37	22.30	22.24	22.23
15	64QAM	1	74	22.21	22.02	22.27
15	64QAM	36	0	21.17	21.36	21.19
15	64QAM	36	20	21.26	21.27	21.36
15	64QAM	36	39	21.20	21.12	21.15
15	64QAM	75	0	21.19	21.35	21.06



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20000	20175	20350
Frequency (MHz)				1715	1732.5	1750
10	QPSK	1	0	23.19	23.17	23.15
10	QPSK	1	25	22.94	23.14	22.92
10	QPSK	1	49	23.13	23.11	23.03
10	QPSK	25	0	22.16	22.44	22.35
10	QPSK	25	12	22.18	22.36	22.09
10	QPSK	25	25	22.21	22.24	22.23
10	QPSK	50	0	21.99	22.16	22.27
10	16QAM	1	0	22.21	22.33	22.29
10	16QAM	1	25	22.13	22.36	22.29
10	16QAM	1	49	22.11	22.21	22.15
10	16QAM	25	0	21.07	21.17	21.31
10	16QAM	25	12	21.05	21.17	21.19
10	16QAM	25	25	21.13	21.26	21.19
10	16QAM	50	0	21.12	21.21	21.04
10	64QAM	1	0	22.18	22.28	22.07
10	64QAM	1	25	22.32	22.20	22.18
10	64QAM	1	49	22.21	22.15	22.06
10	64QAM	25	0	21.40	21.30	21.37
10	64QAM	25	12	21.04	21.31	21.28
10	64QAM	25	25	21.25	21.19	21.23
10	64QAM	50	0	21.32	21.10	21.16



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				19975	20175	20375
Frequency (MHz)				1712.5	1732.5	1752.5
5	QPSK	1	0	23.17	23.15	23.11
5	QPSK	1	12	22.91	23.09	23.03
5	QPSK	1	24	23.03	23.07	23.05
5	QPSK	12	0	22.31	22.30	22.35
5	QPSK	12	7	22.19	22.24	22.05
5	QPSK	12	13	22.16	22.13	22.25
5	QPSK	25	0	22.23	22.30	22.26
5	16QAM	1	0	22.21	22.29	22.23
5	16QAM	1	12	22.05	22.21	22.34
5	16QAM	1	24	22.34	22.13	22.16
5	16QAM	12	0	21.11	21.24	21.19
5	16QAM	12	7	21.25	21.11	21.04
5	16QAM	12	13	21.16	21.32	21.13
5	16QAM	25	0	21.16	21.25	21.02
5	64QAM	1	0	22.17	22.33	22.10
5	64QAM	1	12	22.16	22.32	22.24
5	64QAM	1	24	22.18	22.09	22.25
5	64QAM	12	0	21.41	21.25	21.21
5	64QAM	12	7	21.25	21.24	21.31
5	64QAM	12	13	21.17	21.25	20.99
5	64QAM	25	0	21.24	21.32	21.27



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				19965	20175	20385
Frequency (MHz)				1711.5	1732.5	1753.5
3	QPSK	1	0	23.16	23.11	23.09
3	QPSK	1	8	23.10	23.12	23.14
3	QPSK	1	14	22.99	23.06	23.17
3	QPSK	8	0	22.09	22.39	22.29
3	QPSK	8	4	22.17	22.33	22.14
3	QPSK	8	7	22.13	22.06	22.07
3	QPSK	15	0	22.03	22.28	22.24
3	16QAM	1	0	22.36	22.31	22.30
3	16QAM	1	8	22.11	22.38	22.20
3	16QAM	1	14	22.23	22.19	22.06
3	16QAM	8	0	21.19	21.15	21.24
3	16QAM	8	4	21.11	21.24	21.11
3	16QAM	8	7	21.26	21.19	21.04
3	16QAM	15	0	21.24	21.12	21.04
3	64QAM	1	0	22.18	22.26	22.05
3	64QAM	1	8	22.26	22.36	22.08
3	64QAM	1	14	22.27	22.16	22.21
3	64QAM	8	0	21.22	21.35	21.39
3	64QAM	8	4	21.28	21.21	21.27
3	64QAM	8	7	21.22	21.22	21.16
3	64QAM	15	0	21.31	21.22	21.30



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				19957	20175	20393
Frequency (MHz)				1710.7	1732.5	1754.3
1.4	QPSK	1	0	23.18	23.09	23.06
1.4	QPSK	1	3	23.07	23.16	22.95
1.4	QPSK	1	5	22.97	23.08	23.11
1.4	QPSK	3	0	22.15	22.41	22.15
1.4	QPSK	3	1	22.08	22.32	22.10
1.4	QPSK	3	3	22.21	22.01	22.32
1.4	QPSK	6	0	22.06	22.25	22.24
1.4	16QAM	1	0	22.20	22.25	22.26
1.4	16QAM	1	3	22.09	22.17	22.23
1.4	16QAM	1	5	22.31	22.30	22.14
1.4	16QAM	3	0	21.10	21.37	21.26
1.4	16QAM	3	1	21.26	21.10	21.09
1.4	16QAM	3	3	21.16	21.15	21.07
1.4	16QAM	6	0	21.21	21.27	21.01
1.4	64QAM	1	0	22.21	22.30	22.29
1.4	64QAM	1	3	22.12	22.25	22.12
1.4	64QAM	1	5	22.26	22.01	22.16
1.4	64QAM	3	0	21.40	21.47	21.19
1.4	64QAM	3	1	21.18	21.22	21.39
1.4	64QAM	3	3	21.17	21.28	21.18
1.4	64QAM	6	0	21.29	21.18	21.13



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	23.35	23.37	23.29
10	QPSK	1	25	23.26	23.28	23.21
10	QPSK	1	49	23.24	23.17	23.18
10	QPSK	25	0	22.40	22.42	22.40
10	QPSK	25	12	22.16	22.30	22.15
10	QPSK	25	25	22.12	22.36	22.37
10	QPSK	50	0	22.31	22.39	22.26
10	16QAM	1	0	22.45	22.39	22.29
10	16QAM	1	25	22.16	22.43	22.35
10	16QAM	1	49	22.33	22.21	22.18
10	16QAM	25	0	21.30	21.38	21.19
10	16QAM	25	12	21.21	21.27	21.20
10	16QAM	25	25	21.19	21.44	21.14
10	16QAM	50	0	21.20	21.38	21.31
10	64QAM	1	0	22.22	22.47	22.20
10	64QAM	1	25	22.32	22.41	22.17
10	64QAM	1	49	22.34	22.18	22.28
10	64QAM	25	0	21.34	21.52	21.41
10	64QAM	25	12	21.38	21.47	21.34
10	64QAM	25	25	21.19	21.13	21.10
10	64QAM	50	0	21.36	21.43	21.24



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	23.31	23.34	23.28
5	QPSK	1	12	23.24	23.07	23.19
5	QPSK	1	24	23.15	23.28	23.21
5	QPSK	12	0	22.26	22.52	22.34
5	QPSK	12	7	22.15	22.38	22.18
5	QPSK	12	13	22.28	22.36	22.35
5	QPSK	25	0	22.15	22.26	22.34
5	16QAM	1	0	22.40	22.52	22.24
5	16QAM	1	12	22.32	22.28	22.33
5	16QAM	1	24	22.39	22.25	22.34
5	16QAM	12	0	21.23	21.46	21.39
5	16QAM	12	7	21.34	21.31	21.22
5	16QAM	12	13	21.15	21.30	21.31
5	16QAM	25	0	21.24	21.29	21.21
5	64QAM	1	0	22.33	22.27	22.18
5	64QAM	1	12	22.31	22.31	22.31
5	64QAM	1	24	22.33	22.17	22.14
5	64QAM	12	0	21.50	21.39	21.36
5	64QAM	12	7	21.27	21.35	21.50
5	64QAM	12	13	21.24	21.14	21.16
5	64QAM	25	0	21.36	21.42	21.27



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	23.31	23.36	23.28
3	QPSK	1	8	23.05	23.15	23.25
3	QPSK	1	14	23.23	23.17	23.25
3	QPSK	8	0	22.40	22.54	22.26
3	QPSK	8	4	22.13	22.32	22.27
3	QPSK	8	7	22.30	22.15	22.25
3	QPSK	15	0	22.13	22.31	22.39
3	16QAM	1	0	22.28	22.40	22.41
3	16QAM	1	8	22.21	22.37	22.25
3	16QAM	1	14	22.34	22.26	22.37
3	16QAM	8	0	21.31	21.38	21.21
3	16QAM	8	4	21.24	21.31	21.10
3	16QAM	8	7	21.40	21.38	21.13
3	16QAM	15	0	21.18	21.38	21.27
3	64QAM	1	0	22.19	22.34	22.23
3	64QAM	1	8	22.33	22.42	22.21
3	64QAM	1	14	22.41	22.32	22.17
3	64QAM	8	0	21.43	21.43	21.44
3	64QAM	8	4	21.31	21.40	21.32
3	64QAM	8	7	21.12	21.32	21.15
3	64QAM	15	0	21.32	21.25	21.22



LTE Band 5						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20407	20525	20643
Frequency (MHz)				824.7	836.5	848.3
1.4	QPSK	1	0	23.30	23.33	23.29
1.4	QPSK	1	3	23.24	23.20	23.14
1.4	QPSK	1	5	23.26	23.30	23.10
1.4	QPSK	3	0	22.39	22.50	22.25
1.4	QPSK	3	1	22.09	22.43	22.26
1.4	QPSK	3	3	22.24	22.32	22.20
1.4	QPSK	6	0	22.33	22.17	22.35
1.4	16QAM	1	0	22.34	22.41	22.42
1.4	16QAM	1	3	22.28	22.45	22.36
1.4	16QAM	1	5	22.45	22.32	22.14
1.4	16QAM	3	0	21.29	21.39	21.22
1.4	16QAM	3	1	21.20	21.17	21.19
1.4	16QAM	3	3	21.36	21.19	21.30
1.4	16QAM	6	0	21.17	21.19	21.27
1.4	64QAM	1	0	22.19	22.29	22.26
1.4	64QAM	1	3	22.38	22.25	22.21
1.4	64QAM	1	5	22.38	22.34	22.34
1.4	64QAM	3	0	21.32	21.54	21.52
1.4	64QAM	3	1	21.30	21.24	21.39
1.4	64QAM	3	3	21.29	21.20	21.29
1.4	64QAM	6	0	21.31	21.44	21.18



LTE Band 7						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20850	21100	21350
Frequency (MHz)				2510	2535	2560
20	QPSK	1	0	23.16	23.23	23.20
20	QPSK	1	49	22.92	22.97	23.07
20	QPSK	1	99	23.07	23.22	23.04
20	QPSK	50	0	22.21	22.30	22.15
20	QPSK	50	24	21.99	22.17	22.06
20	QPSK	50	50	22.03	22.20	22.10
20	QPSK	100	0	22.19	22.22	22.21
20	16QAM	1	0	22.31	22.27	22.26
20	16QAM	1	49	22.18	22.30	22.26
20	16QAM	1	99	22.29	22.27	22.06
20	16QAM	50	0	21.05	21.16	21.11
20	16QAM	50	24	21.11	21.08	21.07
20	16QAM	50	50	21.27	21.26	21.14
20	16QAM	100	0	21.13	21.24	21.19
20	64QAM	1	0	22.25	22.27	22.17
20	64QAM	1	49	22.20	22.37	21.99
20	64QAM	1	99	22.27	22.02	22.07
20	64QAM	50	0	21.23	21.40	21.39
20	64QAM	50	24	21.25	21.27	21.17
20	64QAM	50	50	21.19	21.17	21.11
20	64QAM	100	0	21.20	21.19	21.14



LTE Band 7						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20825	21100	21375
Frequency (MHz)				2507.5	2535	2562.5
15	QPSK	1	0	23.15	23.21	23.17
15	QPSK	1	37	23.10	22.94	22.92
15	QPSK	1	74	23.09	23.06	23.05
15	QPSK	36	0	22.13	22.30	22.29
15	QPSK	36	20	22.07	22.21	22.03
15	QPSK	36	39	22.19	22.09	22.13
15	QPSK	75	0	22.04	22.14	22.21
15	16QAM	1	0	22.21	22.23	22.32
15	16QAM	1	37	22.07	22.28	22.27
15	16QAM	1	74	22.26	22.31	22.21
15	16QAM	36	0	21.23	21.34	21.18
15	16QAM	36	20	21.13	21.23	21.05
15	16QAM	36	39	21.29	21.22	21.16
15	16QAM	75	0	21.13	21.25	21.14
15	64QAM	1	0	22.25	22.16	22.17
15	64QAM	1	37	22.23	22.36	22.09
15	64QAM	1	74	22.14	22.09	22.18
15	64QAM	36	0	21.18	21.38	21.26
15	64QAM	36	20	21.11	21.34	21.35
15	64QAM	36	39	21.18	21.21	21.05
15	64QAM	75	0	21.20	21.15	21.19



LTE Band 7						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20800	21100	21400
Frequency (MHz)				2505	2535	2565
10	QPSK	1	0	23.15	23.18	23.13
10	QPSK	1	25	23.01	22.99	23.09
10	QPSK	1	49	23.11	23.10	23.12
10	QPSK	25	0	22.12	22.33	22.14
10	QPSK	25	12	22.23	22.17	22.11
10	QPSK	25	25	22.16	22.08	22.23
10	QPSK	50	0	22.02	22.29	22.28
10	16QAM	1	0	22.34	22.26	22.32
10	16QAM	1	25	22.10	22.25	22.29
10	16QAM	1	49	22.27	22.26	22.22
10	16QAM	25	0	21.23	21.30	21.10
10	16QAM	25	12	21.17	21.03	20.98
10	16QAM	25	25	21.17	21.22	21.22
10	16QAM	50	0	21.17	21.12	21.04
10	64QAM	1	0	22.08	22.39	22.19
10	64QAM	1	25	22.12	22.24	22.24
10	64QAM	1	49	22.16	22.21	22.16
10	64QAM	25	0	21.40	21.22	21.36
10	64QAM	25	12	21.07	21.20	21.21
10	64QAM	25	25	21.13	21.28	21.20
10	64QAM	50	0	21.29	21.12	21.10



LTE Band 7						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20775	21100	21425
Frequency (MHz)				2502.5	2535	2567.5
5	QPSK	1	0	23.09	23.20	23.14
5	QPSK	1	12	23.05	23.18	22.93
5	QPSK	1	24	23.18	23.08	23.11
5	QPSK	12	0	22.15	22.33	22.27
5	QPSK	12	7	22.02	22.28	22.14
5	QPSK	12	13	22.21	22.11	22.15
5	QPSK	25	0	22.11	22.28	22.25
5	16QAM	1	0	22.16	22.44	22.21
5	16QAM	1	12	22.26	22.18	22.24
5	16QAM	1	24	22.15	22.23	22.13
5	16QAM	12	0	21.25	21.39	21.14
5	16QAM	12	7	21.26	21.05	21.10
5	16QAM	12	13	21.09	21.13	21.20
5	16QAM	25	0	21.18	21.27	21.12
5	64QAM	1	0	22.06	22.17	22.24
5	64QAM	1	12	22.21	22.20	22.15
5	64QAM	1	24	22.11	22.20	22.03
5	64QAM	12	0	21.41	21.34	21.18
5	64QAM	12	7	21.20	21.31	21.28
5	64QAM	12	13	21.15	21.25	21.03
5	64QAM	25	0	21.26	21.19	21.08



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	23.30	23.38	23.35
10	QPSK	1	25	23.12	23.30	23.20
10	QPSK	1	49	23.19	23.16	23.24
10	QPSK	25	0	22.38	22.44	22.36
10	QPSK	25	12	22.36	22.28	22.19
10	QPSK	25	25	22.27	22.40	22.29
10	QPSK	50	0	22.35	22.37	22.33
10	16QAM	1	0	22.41	22.44	22.37
10	16QAM	1	25	22.19	22.31	22.37
10	16QAM	1	49	22.45	22.47	22.17
10	16QAM	25	0	21.21	21.38	21.24
10	16QAM	25	12	21.27	21.37	21.12
10	16QAM	25	25	21.37	21.24	21.29
10	16QAM	50	0	21.21	21.38	21.21
10	64QAM	1	0	22.23	22.46	22.39
10	64QAM	1	25	22.30	22.46	22.36
10	64QAM	1	49	22.44	22.23	22.30
10	64QAM	25	0	21.38	21.39	21.53
10	64QAM	25	12	21.23	21.51	21.37
10	64QAM	25	25	21.38	21.26	21.25
10	64QAM	50	0	21.31	21.36	21.24



LTE Band 12						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23035	23095	23155
Frequency (MHz)				701.5	707.5	713.5
5	QPSK	1	0	23.20	23.35	23.15
5	QPSK	1	12	23.07	23.21	23.18
5	QPSK	1	24	23.22	23.26	23.27
5	QPSK	12	0	22.39	22.40	22.44
5	QPSK	12	7	22.34	22.31	22.36
5	QPSK	12	13	22.36	22.29	22.43
5	QPSK	25	0	22.19	22.27	22.34
5	16QAM	1	0	22.39	22.59	22.41
5	16QAM	1	12	22.22	22.30	22.51
5	16QAM	1	24	22.32	22.45	22.25
5	16QAM	12	0	21.29	21.53	21.42
5	16QAM	12	7	21.33	21.33	21.22
5	16QAM	12	13	21.44	21.26	21.19
5	16QAM	25	0	21.24	21.44	21.29
5	64QAM	1	0	22.33	22.42	22.26
5	64QAM	1	12	22.34	22.43	22.31
5	64QAM	1	24	22.34	22.21	22.35
5	64QAM	12	0	21.39	21.43	21.42
5	64QAM	12	7	21.34	21.29	21.52
5	64QAM	12	13	21.40	21.40	21.32
5	64QAM	25	0	21.46	21.35	21.24



LTE Band 12						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23025	23095	23165
Frequency (MHz)				700.5	707.5	714.5
3	QPSK	1	0	23.19	23.33	23.12
3	QPSK	1	8	23.28	23.17	23.17
3	QPSK	1	14	23.29	23.22	23.34
3	QPSK	8	0	22.34	22.50	22.32
3	QPSK	8	4	22.15	22.38	22.22
3	QPSK	8	7	22.35	22.26	22.24
3	QPSK	15	0	22.33	22.33	22.34
3	16QAM	1	0	22.52	22.56	22.48
3	16QAM	1	8	22.22	22.49	22.55
3	16QAM	1	14	22.35	22.41	22.31
3	16QAM	8	0	21.25	21.47	21.31
3	16QAM	8	4	21.40	21.37	21.22
3	16QAM	8	7	21.44	21.44	21.22
3	16QAM	15	0	21.29	21.30	21.18
3	64QAM	1	0	22.29	22.31	22.33
3	64QAM	1	8	22.39	22.51	22.16
3	64QAM	1	14	22.35	22.20	22.43
3	64QAM	8	0	21.50	21.53	21.50
3	64QAM	8	4	21.19	21.32	21.33
3	64QAM	8	7	21.38	21.41	21.16
3	64QAM	15	0	21.33	21.50	21.29



LTE Band 12						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23017	23095	23173
Frequency (MHz)				699.7	707.5	715.3
1.4	QPSK	1	0	23.15	23.34	23.32
1.4	QPSK	1	3	23.04	23.22	23.17
1.4	QPSK	1	5	23.13	23.19	23.26
1.4	QPSK	3	0	22.25	22.57	22.43
1.4	QPSK	3	1	22.24	22.28	22.38
1.4	QPSK	3	3	22.33	22.26	22.37
1.4	QPSK	6	0	22.25	22.29	22.33
1.4	16QAM	1	0	22.41	22.52	22.48
1.4	16QAM	1	3	22.30	22.50	22.48
1.4	16QAM	1	5	22.48	22.45	22.36
1.4	16QAM	3	0	21.40	21.32	21.37
1.4	16QAM	3	1	21.28	21.24	21.22
1.4	16QAM	3	3	21.39	21.45	21.28
1.4	16QAM	6	0	21.19	21.23	21.18
1.4	64QAM	1	0	22.20	22.49	22.40
1.4	64QAM	1	3	22.49	22.31	22.16
1.4	64QAM	1	5	22.37	22.41	22.36
1.4	64QAM	3	0	21.40	21.37	21.52
1.4	64QAM	3	1	21.19	21.52	21.45
1.4	64QAM	3	3	21.39	21.24	21.38
1.4	64QAM	6	0	21.25	21.27	21.27



LTE Band 13						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				/	23230	/
Frequency (MHz)				/	782	/
10	QPSK	1	0	/	23.40	/
10	QPSK	1	25	/	23.32	/
10	QPSK	1	49	/	23.25	/
10	QPSK	25	0	/	22.41	/
10	QPSK	25	12	/	22.38	/
10	QPSK	25	25	/	22.27	/
10	QPSK	50	0	/	22.30	/
10	16QAM	1	0	/	22.40	/
10	16QAM	1	25	/	22.31	/
10	16QAM	1	49	/	22.35	/
10	16QAM	25	0	/	21.37	/
10	16QAM	25	12	/	21.26	/
10	16QAM	25	25	/	21.29	/
10	16QAM	50	0	/	21.23	/
10	64QAM	1	0	/	22.36	/
10	64QAM	1	25	/	22.19	/
10	64QAM	1	49	/	22.22	/
10	64QAM	25	0	/	21.43	/
10	64QAM	25	12	/	21.38	/
10	64QAM	25	25	/	21.38	/
10	64QAM	50	0	/	21.42	/



LTE Band 13						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23205	23230	23255
Frequency (MHz)				779.5	782	784.5
5	QPSK	1	0	23.35	23.38	23.28
5	QPSK	1	12	23.11	23.20	23.28
5	QPSK	1	24	23.33	23.37	23.37
5	QPSK	12	0	22.33	22.35	22.37
5	QPSK	12	7	22.32	22.49	22.25
5	QPSK	12	13	22.23	22.29	22.40
5	QPSK	25	0	22.35	22.31	22.31
5	16QAM	1	0	22.37	22.55	22.38
5	16QAM	1	12	22.27	22.45	22.38
5	16QAM	1	24	22.40	22.45	22.21
5	16QAM	12	0	21.26	21.40	21.25
5	16QAM	12	7	21.24	21.28	21.14
5	16QAM	12	13	21.38	21.44	21.39
5	16QAM	25	0	21.33	21.24	21.29
5	64QAM	1	0	22.23	22.52	22.36
5	64QAM	1	12	22.32	22.48	22.18
5	64QAM	1	24	22.30	22.38	22.18
5	64QAM	12	0	21.45	21.40	21.49
5	64QAM	12	7	21.43	21.49	21.38
5	64QAM	12	13	21.29	21.30	21.27
5	64QAM	25	0	21.48	21.28	21.22



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	23.35	23.30	23.29
10	QPSK	1	25	23.27	23.14	23.16
10	QPSK	1	49	23.09	23.14	23.25
10	QPSK	25	0	22.32	22.50	22.31
10	QPSK	25	12	22.14	22.25	22.36
10	QPSK	25	25	22.17	22.24	22.44
10	QPSK	50	0	22.31	22.33	22.32
10	16QAM	1	0	22.31	22.49	22.30
10	16QAM	1	25	22.17	22.30	22.37
10	16QAM	1	49	22.35	22.26	22.20
10	16QAM	25	0	21.15	21.28	21.24
10	16QAM	25	12	21.32	21.21	21.32
10	16QAM	25	25	21.27	21.40	21.26
10	16QAM	50	0	21.28	21.31	21.12
10	64QAM	1	0	22.20	22.34	22.35
10	64QAM	1	25	22.30	22.36	22.32
10	64QAM	1	49	22.35	22.32	22.16
10	64QAM	25	0	21.40	21.54	21.45
10	64QAM	25	12	21.35	21.45	21.52
10	64QAM	25	25	21.33	21.26	21.20
10	64QAM	50	0	21.41	21.37	21.31



LTE Band 17						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23755	23790	23825
Frequency (MHz)				706.5	710	713.5
5	QPSK	1	0	23.32	23.28	23.24
5	QPSK	1	12	23.13	23.07	23.17
5	QPSK	1	24	23.08	23.18	23.21
5	QPSK	12	0	22.40	22.50	22.40
5	QPSK	12	7	22.26	22.26	22.34
5	QPSK	12	13	22.28	22.25	22.33
5	QPSK	25	0	22.14	22.30	22.24
5	16QAM	1	0	22.44	22.40	22.40
5	16QAM	1	12	22.21	22.39	22.41
5	16QAM	1	24	22.27	22.37	22.27
5	16QAM	12	0	21.15	21.39	21.42
5	16QAM	12	7	21.22	21.19	21.10
5	16QAM	12	13	21.17	21.34	21.37
5	16QAM	25	0	21.34	21.31	21.15
5	64QAM	1	0	22.30	22.47	22.20
5	64QAM	1	12	22.42	22.50	22.30
5	64QAM	1	24	22.31	22.18	22.16
5	64QAM	12	0	21.34	21.44	21.43
5	64QAM	12	7	21.39	21.29	21.27
5	64QAM	12	13	21.27	21.18	21.28
5	64QAM	25	0	21.38	21.41	21.22



LTE Band 18						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23965	23970	23975
Frequency (MHz)				826.5	827	827.5
5	QPSK	1	0	22.30	22.34	22.35
5	QPSK	1	12	22.53	21.90	22.55
5	QPSK	1	24	22.46	22.25	22.39
5	QPSK	12	0	21.60	21.34	21.52
5	QPSK	12	7	21.51	21.54	21.40
5	QPSK	12	13	21.28	21.38	21.34
5	QPSK	25	0	21.51	21.35	21.56
5	16QAM	1	0	21.76	21.81	21.69
5	16QAM	1	12	21.72	21.61	21.63
5	16QAM	1	24	21.62	21.50	21.50
5	16QAM	12	0	20.43	20.49	20.45
5	16QAM	12	7	20.34	20.29	20.50
5	16QAM	12	13	20.54	20.59	20.54
5	16QAM	25	0	20.48	20.49	20.51
5	64QAM	1	0	21.30	21.46	21.46
5	64QAM	1	12	21.70	21.43	21.56
5	64QAM	1	24	21.58	21.18	21.32
5	64QAM	12	0	20.44	20.29	20.36
5	64QAM	12	7	20.53	20.35	20.43
5	64QAM	12	13	20.35	20.43	20.49
5	64QAM	25	0	20.53	20.36	20.38



LTE Band 19						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				/	24075	/
Frequency (MHz)				/	837.5	/
15	QPSK	1	0	/	22.09	/
15	QPSK	1	37	/	22.03	/
15	QPSK	1	74	/	22.06	/
15	QPSK	36	0	/	21.15	/
15	QPSK	36	20	/	21.13	/
15	QPSK	36	39	/	21.06	/
15	QPSK	75	0	/	21.12	/
15	16QAM	1	0	/	21.16	/
15	16QAM	1	37	/	21.09	/
15	16QAM	1	74	/	21.11	/
15	16QAM	36	0	/	20.19	/
15	16QAM	36	20	/	20.15	/
15	16QAM	36	39	/	20.06	/
15	16QAM	75	0	/	20.10	/
15	64QAM	1	0	/	21.22	/
15	64QAM	1	37	/	21.16	/
15	64QAM	1	74	/	21.11	/
15	64QAM	36	0	/	20.18	/
15	64QAM	36	20	/	20.09	/
15	64QAM	36	39	/	20.12	/
15	64QAM	75	0	/	20.10	/



LTE Band 19						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				24050	24075	24100
Frequency (MHz)				835	837.5	840
10	QPSK	1	0	23.07	23.14	23.08
10	QPSK	1	25	22.82	22.87	22.86
10	QPSK	1	49	23.09	23.06	22.91
10	QPSK	25	0	22.23	22.26	22.22
10	QPSK	25	12	22.03	22.09	22.14
10	QPSK	25	25	22.14	22.03	22.21
10	QPSK	50	0	22.12	22.15	22.11
10	16QAM	1	0	22.11	22.14	22.07
10	16QAM	1	25	22.14	22.08	22.24
10	16QAM	1	49	22.07	22.22	22.03
10	16QAM	25	0	20.98	21.16	20.99
10	16QAM	25	12	21.06	21.07	20.90
10	16QAM	25	25	21.13	21.14	20.92
10	16QAM	50	0	21.10	21.15	20.98
10	64QAM	1	0	21.96	22.12	22.08
10	64QAM	1	25	22.07	22.09	21.92
10	64QAM	1	49	22.12	22.15	22.00
10	64QAM	25	0	21.13	21.35	21.11
10	64QAM	25	12	21.02	21.15	21.17
10	64QAM	25	25	21.09	21.04	21.15
10	64QAM	50	0	21.11	21.09	21.05



LTE Band 19						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				24025	24075	24125
Frequency (MHz)				832.5	837.5	842.5
5	QPSK	1	0	23.09	23.13	23.03
5	QPSK	1	12	22.99	22.93	22.97
5	QPSK	1	24	23.05	22.91	23.02
5	QPSK	12	0	22.00	22.25	22.12
5	QPSK	12	7	22.08	22.08	22.04
5	QPSK	12	13	22.03	21.93	22.08
5	QPSK	25	0	22.02	22.01	21.98
5	16QAM	1	0	22.25	22.26	21.99
5	16QAM	1	12	22.01	22.13	22.08
5	16QAM	1	24	22.18	22.21	22.08
5	16QAM	12	0	21.06	21.13	21.00
5	16QAM	12	7	20.98	21.11	20.93
5	16QAM	12	13	21.01	21.00	21.01
5	16QAM	25	0	21.05	21.10	21.08
5	64QAM	1	0	22.09	22.11	22.02
5	64QAM	1	12	22.05	22.26	21.99
5	64QAM	1	24	22.04	22.14	21.96
5	64QAM	12	0	21.08	21.19	21.19
5	64QAM	12	7	21.11	21.18	21.09
5	64QAM	12	13	21.14	21.17	21.05
5	64QAM	25	0	21.23	21.02	20.97



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	23.16	23.29	23.25
20	QPSK	1	49	23.12	23.17	23.18
20	QPSK	1	99	23.10	23.09	23.13
20	QPSK	50	0	22.23	22.38	22.32
20	QPSK	50	24	22.07	22.17	22.18
20	QPSK	50	50	22.17	22.20	22.22
20	QPSK	100	0	22.14	22.35	22.33
20	16QAM	1	0	22.21	22.45	22.22
20	16QAM	1	49	22.21	22.20	22.36
20	16QAM	1	99	22.33	22.23	22.08
20	16QAM	50	0	21.18	21.27	21.27
20	16QAM	50	24	21.17	21.22	21.06
20	16QAM	50	50	21.20	21.31	21.12
20	16QAM	100	0	21.25	21.10	21.04
20	64QAM	1	0	22.09	22.20	22.24
20	64QAM	1	49	22.22	22.38	22.26
20	64QAM	1	99	22.33	22.17	22.23
20	64QAM	50	0	21.28	21.46	21.24
20	64QAM	50	24	21.33	21.37	21.23
20	64QAM	50	50	21.16	21.32	21.11
20	64QAM	100	0	21.24	21.18	21.27



LTE Band 25						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26115	26365	26615
Frequency (MHz)				1857.5	1882.5	1907.5
15	QPSK	1	0	23.21	23.25	23.17
15	QPSK	1	37	23.06	23.12	23.14
15	QPSK	1	74	23.04	23.19	23.17
15	QPSK	36	0	22.13	22.26	22.35
15	QPSK	36	20	22.11	22.21	22.31
15	QPSK	36	39	22.17	22.18	22.20
15	QPSK	75	0	22.09	22.34	22.14
15	16QAM	1	0	22.21	22.43	22.25
15	16QAM	1	37	22.32	22.29	22.27
15	16QAM	1	74	22.15	22.18	22.27
15	16QAM	36	0	21.17	21.19	21.13
15	16QAM	36	20	21.06	21.09	21.21
15	16QAM	36	39	21.30	21.34	21.22
15	16QAM	75	0	21.11	21.11	21.02
15	64QAM	1	0	22.10	22.26	22.32
15	64QAM	1	37	22.26	22.36	22.25
15	64QAM	1	74	22.26	22.18	22.14
15	64QAM	36	0	21.27	21.51	21.45
15	64QAM	36	20	21.09	21.35	21.32
15	64QAM	36	39	21.16	21.18	21.23
15	64QAM	75	0	21.37	21.23	21.35



LTE Band 25						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26090	26365	26640
Frequency (MHz)				1855	1882.5	1910
10	QPSK	1	0	23.22	23.26	23.16
10	QPSK	1	25	23.10	23.12	23.18
10	QPSK	1	49	23.12	23.04	23.08
10	QPSK	25	0	22.15	22.34	22.28
10	QPSK	25	12	22.27	22.34	22.19
10	QPSK	25	25	22.09	22.24	22.26
10	QPSK	50	0	22.12	22.18	22.28
10	16QAM	1	0	22.25	22.34	22.24
10	16QAM	1	25	22.10	22.36	22.44
10	16QAM	1	49	22.32	22.28	22.18
10	16QAM	25	0	21.22	21.24	21.14
10	16QAM	25	12	21.30	21.09	21.05
10	16QAM	25	25	21.18	21.17	21.05
10	16QAM	50	0	21.14	21.19	21.18
10	64QAM	1	0	22.10	22.27	22.09
10	64QAM	1	25	22.24	22.39	22.11
10	64QAM	1	49	22.21	22.07	22.23
10	64QAM	25	0	21.31	21.50	21.26
10	64QAM	25	12	21.16	21.28	21.24
10	64QAM	25	25	21.25	21.29	21.25
10	64QAM	50	0	21.35	21.14	21.25



LTE Band 25						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26065	26365	26665
Frequency (MHz)				1852.5	1882.5	1912.5
5	QPSK	1	0	23.14	23.23	23.19
5	QPSK	1	12	22.93	23.12	23.11
5	QPSK	1	24	23.11	23.19	23.03
5	QPSK	12	0	22.11	22.33	22.20
5	QPSK	12	7	22.15	22.35	22.11
5	QPSK	12	13	22.28	22.27	22.16
5	QPSK	25	0	22.16	22.18	22.28
5	16QAM	1	0	22.43	22.51	22.34
5	16QAM	1	12	22.18	22.29	22.26
5	16QAM	1	24	22.16	22.17	22.23
5	16QAM	12	0	21.28	21.35	21.16
5	16QAM	12	7	21.07	21.22	21.05
5	16QAM	12	13	21.15	21.18	21.11
5	16QAM	25	0	21.07	21.25	21.07
5	64QAM	1	0	22.28	22.27	22.16
5	64QAM	1	12	22.29	22.29	22.09
5	64QAM	1	24	22.33	22.14	22.07
5	64QAM	12	0	21.26	21.33	21.26
5	64QAM	12	7	21.08	21.18	21.22
5	64QAM	12	13	21.12	21.11	21.07
5	64QAM	25	0	21.22	21.34	21.24



LTE Band 25						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26055	26365	26675
Frequency (MHz)				1851.5	1882.5	1913.5
3	QPSK	1	0	23.16	23.22	23.20
3	QPSK	1	8	23.05	23.19	23.05
3	QPSK	1	14	23.02	23.11	23.03
3	QPSK	8	0	22.33	22.48	22.21
3	QPSK	8	4	22.22	22.28	22.27
3	QPSK	8	7	22.22	22.06	22.26
3	QPSK	15	0	22.21	22.12	22.30
3	16QAM	1	0	22.21	22.36	22.19
3	16QAM	1	8	22.15	22.37	22.29
3	16QAM	1	14	22.31	22.26	22.22
3	16QAM	8	0	21.08	21.30	21.12
3	16QAM	8	4	21.29	21.24	21.19
3	16QAM	8	7	21.33	21.30	21.13
3	16QAM	15	0	21.18	21.10	21.26
3	64QAM	1	0	22.12	22.44	22.17
3	64QAM	1	8	22.29	22.41	22.19
3	64QAM	1	14	22.28	22.16	22.25
3	64QAM	8	0	21.43	21.46	21.25
3	64QAM	8	4	21.18	21.38	21.40
3	64QAM	8	7	21.22	21.14	21.26
3	64QAM	15	0	21.14	21.26	21.22



LTE Band 25						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26047	26365	26683
Frequency (MHz)				1850.7	1882.5	1914.3
1.4	QPSK	1	0	23.19	23.24	23.16
1.4	QPSK	1	3	23.15	23.10	23.09
1.4	QPSK	1	5	23.09	23.11	23.02
1.4	QPSK	3	0	22.17	22.26	22.32
1.4	QPSK	3	1	22.07	22.25	22.19
1.4	QPSK	3	3	22.23	22.26	22.27
1.4	QPSK	6	0	22.07	22.27	22.32
1.4	16QAM	1	0	22.26	22.36	22.29
1.4	16QAM	1	3	22.26	22.42	22.34
1.4	16QAM	1	5	22.29	22.24	22.18
1.4	16QAM	3	0	21.10	21.33	21.20
1.4	16QAM	3	1	21.08	21.10	21.09
1.4	16QAM	3	3	21.16	21.26	21.15
1.4	16QAM	6	0	21.16	21.11	21.03
1.4	64QAM	1	0	22.33	22.31	22.12
1.4	64QAM	1	3	22.39	22.37	22.17
1.4	64QAM	1	5	22.20	22.23	22.31
1.4	64QAM	3	0	21.40	21.32	21.26
1.4	64QAM	3	1	21.23	21.33	21.35
1.4	64QAM	3	3	21.04	21.22	21.23
1.4	64QAM	6	0	21.25	21.39	21.16



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	23.09	22.71	22.94
15	QPSK	1	37	23.06	23.08	22.68
15	QPSK	1	74	23.13	23.28	23.15
15	QPSK	36	0	22.33	22.27	22.69
15	QPSK	36	20	22.39	22.36	22.66
15	QPSK	36	39	22.31	22.39	22.47
15	QPSK	75	0	22.38	22.03	21.53
15	16QAM	1	0	22.50	22.43	22.79
15	16QAM	1	37	22.28	22.49	22.49
15	16QAM	1	74	22.25	22.46	22.36
15	16QAM	36	0	21.29	21.68	21.02
15	16QAM	36	20	20.99	20.79	20.06
15	16QAM	36	39	21.28	21.22	21.64
15	16QAM	75	0	21.45	20.61	21.24
15	64QAM	1	0	22.01	22.32	22.08
15	64QAM	1	37	21.99	22.16	22.57
15	64QAM	1	74	21.51	22.25	21.54
15	64QAM	36	0	21.04	21.07	19.95
15	64QAM	36	20	21.11	21.64	20.82
15	64QAM	36	39	20.96	21.04	21.70
15	64QAM	75	0	21.47	20.09	21.37



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	22.81	23.41	23.14
10	QPSK	1	25	23.12	23.33	23.15
10	QPSK	1	49	22.87	23.18	23.16
10	QPSK	25	0	22.35	21.92	22.64
10	QPSK	25	12	22.33	22.44	19.91
10	QPSK	25	25	22.21	22.41	22.57
10	QPSK	50	0	22.32	22.33	22.24
10	16QAM	1	0	22.43	22.31	22.09
10	16QAM	1	25	22.81	22.57	22.62
10	16QAM	1	49	22.47	22.67	22.34
10	16QAM	25	0	21.27	21.50	21.14
10	16QAM	25	12	21.53	20.93	22.09
10	16QAM	25	25	21.55	21.20	21.81
10	16QAM	50	0	21.26	20.72	21.64
10	64QAM	1	0	21.95	22.33	22.22
10	64QAM	1	25	22.56	22.31	22.40
10	64QAM	1	49	22.66	22.44	22.04
10	64QAM	25	0	21.47	21.28	21.62
10	64QAM	25	12	21.36	20.84	21.56
10	64QAM	25	25	21.58	21.09	21.75
10	64QAM	50	0	21.20	21.16	21.65



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	22.99	22.54	22.65
5	QPSK	1	12	22.92	23.39	22.84
5	QPSK	1	24	23.14	22.64	22.71
5	QPSK	12	0	22.30	22.36	22.84
5	QPSK	12	7	22.15	22.10	22.59
5	QPSK	12	13	22.06	22.35	22.40
5	QPSK	25	0	22.26	22.37	22.34
5	16QAM	1	0	22.25	22.50	22.91
5	16QAM	1	12	22.42	21.81	22.75
5	16QAM	1	24	22.38	22.10	22.04
5	16QAM	12	0	21.26	21.09	21.80
5	16QAM	12	7	20.94	20.78	21.57
5	16QAM	12	13	20.27	21.30	21.66
5	16QAM	25	0	21.31	21.50	21.70
5	64QAM	1	0	22.01	22.31	22.49
5	64QAM	1	12	22.31	21.92	22.49
5	64QAM	1	24	21.85	22.36	21.81
5	64QAM	12	0	21.17	20.69	21.73
5	64QAM	12	7	21.06	20.53	21.63
5	64QAM	12	13	19.82	21.08	21.16
5	64QAM	25	0	21.06	21.03	21.51



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	23.23	23.37	22.95
3	QPSK	1	8	22.85	23.08	23.03
3	QPSK	1	14	22.73	23.15	23.08
3	QPSK	8	0	22.14	22.02	23.11
3	QPSK	8	4	21.94	22.24	22.06
3	QPSK	8	7	22.23	22.34	22.28
3	QPSK	15	0	21.71	22.26	22.52
3	16QAM	1	0	22.08	22.22	22.13
3	16QAM	1	8	22.31	21.94	22.40
3	16QAM	1	14	22.43	22.47	22.60
3	16QAM	8	0	21.46	19.66	21.54
3	16QAM	8	4	21.52	21.17	21.50
3	16QAM	8	7	20.56	20.49	21.34
3	16QAM	15	0	21.48	20.77	21.69
3	64QAM	1	0	21.56	22.16	22.56
3	64QAM	1	8	22.39	22.01	22.19
3	64QAM	1	14	21.94	22.00	21.91
3	64QAM	8	0	21.54	21.39	21.66
3	64QAM	8	4	21.41	19.89	21.51
3	64QAM	8	7	21.32	20.71	21.47
3	64QAM	15	0	21.45	21.67	21.60



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	23.29	22.96	23.08
1.4	QPSK	1	3	22.97	23.07	23.34
1.4	QPSK	1	5	23.21	23.16	22.75
1.4	QPSK	3	0	23.13	22.80	22.69
1.4	QPSK	3	1	23.39	23.04	22.86
1.4	QPSK	3	3	22.69	23.46	22.80
1.4	QPSK	6	0	22.25	22.30	22.23
1.4	16QAM	1	0	22.40	22.70	22.14
1.4	16QAM	1	3	21.96	22.77	22.65
1.4	16QAM	1	5	22.20	22.41	22.88
1.4	16QAM	3	0	22.47	22.27	21.97
1.4	16QAM	3	1	22.08	22.30	22.14
1.4	16QAM	3	3	22.39	22.21	22.49
1.4	16QAM	6	0	21.14	21.24	22.16
1.4	64QAM	1	0	22.14	22.32	22.37
1.4	64QAM	1	3	22.08	22.66	22.54
1.4	64QAM	1	5	22.02	22.23	22.47
1.4	64QAM	3	0	22.13	22.41	22.64
1.4	64QAM	3	1	22.10	22.14	21.58
1.4	64QAM	3	3	22.23	22.04	21.62
1.4	64QAM	6	0	21.36	20.96	21.58



LTE Band 30						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				/	27710	/
Frequency (MHz)				/	2310	/
10	QPSK	1	0	/	23.71	/
10	QPSK	1	25	/	23.64	/
10	QPSK	1	49	/	23.62	/
10	QPSK	25	0	/	22.66	/
10	QPSK	25	12	/	22.59	/
10	QPSK	25	25	/	22.54	/
10	QPSK	50	0	/	22.56	/
10	16QAM	1	0	/	22.78	/
10	16QAM	1	25	/	22.73	/
10	16QAM	1	49	/	22.51	/
10	16QAM	25	0	/	21.52	/
10	16QAM	25	12	/	21.44	/
10	16QAM	25	25	/	21.54	/
10	16QAM	50	0	/	21.67	/
10	64QAM	1	0	/	22.69	/
10	64QAM	1	25	/	22.59	/
10	64QAM	1	49	/	22.54	/
10	64QAM	25	0	/	21.73	/
10	64QAM	25	12	/	21.52	/
10	64QAM	25	25	/	21.61	/
10	64QAM	50	0	/	21.52	/



LTE Band 30						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				27685	27710	27735
Frequency (MHz)				2307.5	2310	2312.5
5	QPSK	1	0	23.61	23.66	23.56
5	QPSK	1	12	23.55	23.53	23.49
5	QPSK	1	24	23.47	23.48	23.57
5	QPSK	12	0	22.43	22.57	22.69
5	QPSK	12	7	22.36	22.49	22.51
5	QPSK	12	13	22.36	22.47	22.51
5	QPSK	25	0	22.35	22.66	22.61
5	16QAM	1	0	22.62	22.69	22.47
5	16QAM	1	12	22.45	22.62	22.60
5	16QAM	1	24	22.53	22.53	22.48
5	16QAM	12	0	21.55	21.53	21.49
5	16QAM	12	7	21.46	21.41	21.35
5	16QAM	12	13	21.58	21.57	21.38
5	16QAM	25	0	21.46	21.52	21.40
5	64QAM	1	0	22.45	22.52	22.41
5	64QAM	1	12	22.62	22.64	22.50
5	64QAM	1	24	22.57	22.43	22.52
5	64QAM	12	0	21.69	21.76	21.64
5	64QAM	12	7	21.53	21.66	21.65
5	64QAM	12	13	21.41	21.44	21.56
5	64QAM	25	0	21.59	21.49	21.57



LTE Band 41 (Power Class 2)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39750	40620	41490
Frequency (MHz)				2506	2593	2680
20	QPSK	1	0	25.75	25.86	25.90
20	QPSK	1	49	25.80	25.79	25.76
20	QPSK	1	99	25.87	25.84	25.81
20	QPSK	50	0	24.86	24.95	24.96
20	QPSK	50	24	24.91	24.89	24.90
20	QPSK	50	50	24.94	24.87	24.85
20	QPSK	100	0	24.82	24.90	24.92
20	16QAM	1	0	25.04	25.06	25.14
20	16QAM	1	49	24.93	24.92	24.85
20	16QAM	1	99	24.93	24.90	24.98
20	16QAM	50	0	23.96	23.99	23.90
20	16QAM	50	24	23.94	23.97	23.74
20	16QAM	50	50	23.76	24.01	23.86
20	16QAM	100	0	23.71	23.77	23.99
20	64QAM	1	0	24.83	25.11	24.99
20	64QAM	1	49	24.86	24.86	24.97
20	64QAM	1	99	24.97	24.86	24.82
20	64QAM	50	0	24.12	24.03	24.06
20	64QAM	50	24	23.95	23.96	23.87
20	64QAM	50	50	23.82	23.89	23.92
20	64QAM	100	0	23.85	23.89	24.01



LTE Band 41 (Power Class 2)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39725	40620	41515
Frequency (MHz)				2503.5	2593	2682.5
15	QPSK	1	0	25.79	25.80	25.87
15	QPSK	1	37	25.73	25.77	25.74
15	QPSK	1	74	25.70	25.73	25.86
15	QPSK	36	0	24.81	24.97	24.94
15	QPSK	36	20	24.76	25.02	25.03
15	QPSK	36	39	24.94	24.75	24.78
15	QPSK	75	0	24.92	24.97	24.81
15	16QAM	1	0	24.96	25.16	24.95
15	16QAM	1	37	24.85	24.97	24.99
15	16QAM	1	74	24.83	24.93	25.02
15	16QAM	36	0	23.79	23.96	24.02
15	16QAM	36	20	23.97	23.93	23.97
15	16QAM	36	39	23.93	24.04	23.89
15	16QAM	75	0	23.78	23.77	23.78
15	64QAM	1	0	24.85	24.91	24.99
15	64QAM	1	37	25.06	24.98	24.98
15	64QAM	1	74	24.77	24.89	24.90
15	64QAM	36	0	23.91	24.06	24.04
15	64QAM	36	20	23.90	23.88	24.02
15	64QAM	36	39	23.84	23.78	23.86
15	64QAM	75	0	23.97	23.91	23.93



LTE Band 41 (Power Class 2)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39700	40620	41540
Frequency (MHz)				2501	2593	2685
10	QPSK	1	0	25.77	25.83	25.85
10	QPSK	1	25	25.74	25.77	25.74
10	QPSK	1	49	25.80	25.78	25.71
10	QPSK	25	0	24.78	24.92	25.11
10	QPSK	25	12	24.83	24.93	25.05
10	QPSK	25	25	24.82	24.74	24.81
10	QPSK	50	0	24.71	24.88	24.95
10	16QAM	1	0	24.98	25.18	24.96
10	16QAM	1	25	24.95	24.95	25.07
10	16QAM	1	49	24.95	24.83	24.82
10	16QAM	25	0	23.95	23.95	23.89
10	16QAM	25	12	23.76	23.76	23.97
10	16QAM	25	25	23.97	23.95	23.97
10	16QAM	50	0	23.96	23.81	23.93
10	64QAM	1	0	24.79	24.94	24.90
10	64QAM	1	25	24.83	25.00	24.91
10	64QAM	1	49	24.86	24.75	24.83
10	64QAM	25	0	23.90	24.02	24.05
10	64QAM	25	12	23.75	23.92	23.92
10	64QAM	25	25	23.96	23.85	23.96
10	64QAM	50	0	24.00	24.03	23.93



LTE Band 41 (Power Class 2)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39675	40620	41565
Frequency (MHz)				2498.5	2593	2687.5
5	QPSK	1	0	25.71	25.82	25.86
5	QPSK	1	12	25.70	25.75	25.75
5	QPSK	1	24	25.67	25.72	25.85
5	QPSK	12	0	24.88	24.97	25.15
5	QPSK	12	7	24.82	24.97	24.88
5	QPSK	12	13	24.80	24.89	24.86
5	QPSK	25	0	24.90	24.95	24.96
5	16QAM	1	0	25.06	25.06	25.16
5	16QAM	1	12	24.77	25.07	24.93
5	16QAM	1	24	24.85	24.98	24.88
5	16QAM	12	0	23.96	23.98	24.05
5	16QAM	12	7	23.90	23.86	23.83
5	16QAM	12	13	23.91	23.90	23.94
5	16QAM	25	0	23.80	23.81	23.96
5	64QAM	1	0	24.80	25.11	25.01
5	64QAM	1	12	24.97	25.01	24.86
5	64QAM	1	24	24.78	24.93	24.91
5	64QAM	12	0	24.04	24.04	24.15
5	64QAM	12	7	23.99	23.97	23.99
5	64QAM	12	13	23.89	23.91	23.86
5	64QAM	25	0	23.87	23.90	23.85



LTE Band 41 (Power Class 3)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39750	40620	41490
Frequency (MHz)				2506	2593	2680
20	QPSK	1	0	23.59	23.68	23.71
20	QPSK	1	49	23.43	23.46	23.50
20	QPSK	1	99	23.47	23.46	23.61
20	QPSK	50	0	22.68	22.77	22.80
20	QPSK	50	24	22.56	22.68	22.75
20	QPSK	50	50	22.49	22.65	22.49
20	QPSK	100	0	22.59	22.72	22.74
20	16QAM	1	0	22.68	22.79	22.72
20	16QAM	1	49	22.50	22.66	22.62
20	16QAM	1	99	22.67	22.56	22.60
20	16QAM	50	0	21.58	21.66	21.71
20	16QAM	50	24	21.65	21.55	21.61
20	16QAM	50	50	21.62	21.79	21.56
20	16QAM	100	0	21.63	21.74	21.60
20	64QAM	1	0	22.61	22.64	22.73
20	64QAM	1	49	22.67	22.76	22.67
20	64QAM	1	99	22.74	22.55	22.57
20	64QAM	50	0	21.65	21.77	21.93
20	64QAM	50	24	21.60	21.59	21.70
20	64QAM	50	50	21.65	21.65	21.56
20	64QAM	100	0	21.56	21.81	21.71



LTE Band 41 (Power Class 3)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39725	40620	41515
Frequency (MHz)				2503.5	2593	2682.5
15	QPSK	1	0	23.47	23.65	23.67
15	QPSK	1	37	23.38	23.63	23.53
15	QPSK	1	74	23.50	23.52	23.47
15	QPSK	36	0	22.57	22.75	22.67
15	QPSK	36	20	22.47	22.65	22.81
15	QPSK	36	39	22.68	22.55	22.70
15	QPSK	75	0	22.66	22.61	22.57
15	16QAM	1	0	22.64	22.86	22.80
15	16QAM	1	37	22.54	22.63	22.81
15	16QAM	1	74	22.69	22.81	22.71
15	16QAM	36	0	21.61	21.64	21.76
15	16QAM	36	20	21.54	21.58	21.61
15	16QAM	36	39	21.75	21.59	21.69
15	16QAM	75	0	21.60	21.73	21.67
15	64QAM	1	0	22.68	22.65	22.75
15	64QAM	1	37	22.60	22.67	22.84
15	64QAM	1	74	22.67	22.69	22.60
15	64QAM	36	0	21.62	21.75	21.86
15	64QAM	36	20	21.51	21.83	21.83
15	64QAM	36	39	21.71	21.70	21.72
15	64QAM	75	0	21.71	21.74	21.70



LTE Band 41 (Power Class 3)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39700	40620	41540
Frequency (MHz)				2501	2593	2685
10	QPSK	1	0	23.49	23.60	23.69
10	QPSK	1	25	23.37	23.51	23.58
10	QPSK	1	49	23.63	23.46	23.49
10	QPSK	25	0	22.73	22.67	22.79
10	QPSK	25	12	22.52	22.80	22.67
10	QPSK	25	25	22.47	22.47	22.69
10	QPSK	50	0	22.70	22.75	22.52
10	16QAM	1	0	22.71	22.77	22.93
10	16QAM	1	25	22.52	22.67	22.74
10	16QAM	1	49	22.72	22.57	22.64
10	16QAM	25	0	21.55	21.64	21.81
10	16QAM	25	12	21.60	21.60	21.65
10	16QAM	25	25	21.76	21.80	21.55
10	16QAM	50	0	21.71	21.52	21.77
10	64QAM	1	0	22.54	22.74	22.78
10	64QAM	1	25	22.70	22.65	22.81
10	64QAM	1	49	22.56	22.52	22.65
10	64QAM	25	0	21.77	21.87	21.72
10	64QAM	25	12	21.65	21.71	21.77
10	64QAM	25	25	21.51	21.67	21.55
10	64QAM	50	0	21.64	21.68	21.56



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	23.62	23.66	23.68
5	QPSK	1	12	23.51	23.63	23.49
5	QPSK	1	24	23.51	23.55	23.56
5	QPSK	12	0	22.76	22.90	22.91
5	QPSK	12	7	22.55	22.68	22.74
5	QPSK	12	13	22.64	22.71	22.55
5	QPSK	25	0	22.49	22.70	22.73
5	16QAM	1	0	22.69	22.92	22.91
5	16QAM	1	12	22.54	22.73	22.84
5	16QAM	1	24	22.69	22.58	22.68
5	16QAM	12	0	21.61	21.79	21.67
5	16QAM	12	7	21.62	21.64	21.48
5	16QAM	12	13	21.60	21.75	21.77
5	16QAM	25	0	21.64	21.73	21.54
5	64QAM	1	0	22.59	22.71	22.76
5	64QAM	1	12	22.64	22.68	22.72
5	64QAM	1	24	22.56	22.58	22.59
5	64QAM	12	0	21.78	21.70	21.90
5	64QAM	12	7	21.55	21.79	21.70
5	64QAM	12	13	21.57	21.59	21.61
5	64QAM	25	0	21.66	21.81	21.72



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	23.31	23.30
20	QPSK	1	49	22.96	23.09	23.19
20	QPSK	1	99	23.07	23.13	23.11
20	QPSK	50	0	22.26	22.32	22.27
20	QPSK	50	24	22.20	22.23	22.18
20	QPSK	50	50	22.22	22.15	22.19
20	QPSK	100	0	22.17	22.20	22.13
20	16QAM	1	0	22.25	22.30	22.11
20	16QAM	1	49	22.23	22.33	22.23
20	16QAM	1	99	22.18	22.25	22.19
20	16QAM	50	0	21.03	21.25	21.10
20	16QAM	50	24	21.21	21.04	20.98
20	16QAM	50	50	21.14	21.23	21.18
20	16QAM	100	0	21.20	21.23	21.21
20	64QAM	1	0	22.26	22.27	22.16
20	64QAM	1	49	22.23	22.21	22.00
20	64QAM	1	99	22.18	22.01	22.09
20	64QAM	50	0	21.24	21.35	21.33
20	64QAM	50	24	21.05	21.13	21.19
20	64QAM	50	50	21.18	21.20	21.11
20	64QAM	100	0	21.27	21.35	21.11



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	23.14	23.25	23.20
15	QPSK	1	37	22.92	23.16	22.93
15	QPSK	1	74	23.01	23.05	23.07
15	QPSK	36	0	22.28	22.31	22.18
15	QPSK	36	20	22.19	22.25	22.18
15	QPSK	36	39	22.16	22.04	22.19
15	QPSK	75	0	22.00	22.16	22.18
15	16QAM	1	0	22.35	22.36	22.30
15	16QAM	1	37	22.12	22.16	22.31
15	16QAM	1	74	22.31	22.25	22.10
15	16QAM	36	0	21.20	21.15	21.14
15	16QAM	36	20	21.03	21.20	21.14
15	16QAM	36	39	21.11	21.32	21.15
15	16QAM	75	0	21.12	21.13	21.01
15	64QAM	1	0	22.22	22.31	22.30
15	64QAM	1	37	22.29	22.33	22.03
15	64QAM	1	74	22.18	22.02	22.22
15	64QAM	36	0	21.35	21.36	21.37
15	64QAM	36	20	21.04	21.13	21.30
15	64QAM	36	39	21.08	21.13	21.10
15	64QAM	75	0	21.10	21.26	21.22



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	23.20	23.27	23.24
10	QPSK	1	25	23.08	23.12	23.09
10	QPSK	1	49	23.05	23.13	23.03
10	QPSK	25	0	22.16	22.36	22.17
10	QPSK	25	12	22.19	22.12	22.05
10	QPSK	25	25	22.24	22.20	22.20
10	QPSK	50	0	22.12	22.21	22.28
10	16QAM	1	0	22.21	22.42	22.15
10	16QAM	1	25	22.10	22.13	22.33
10	16QAM	1	49	22.25	22.33	22.07
10	16QAM	25	0	21.05	21.30	21.32
10	16QAM	25	12	21.17	21.12	21.12
10	16QAM	25	25	21.09	21.19	21.04
10	16QAM	50	0	21.22	21.20	21.22
10	64QAM	1	0	22.26	22.16	22.07
10	64QAM	1	25	22.20	22.30	22.18
10	64QAM	1	49	22.06	22.10	22.26
10	64QAM	25	0	21.26	21.35	21.40
10	64QAM	25	12	21.17	21.26	21.23
10	64QAM	25	25	21.11	21.12	21.17
10	64QAM	50	0	21.09	21.18	21.22



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	23.13	23.28	23.21
5	QPSK	1	12	22.94	23.04	23.07
5	QPSK	1	24	22.96	23.06	23.01
5	QPSK	12	0	22.11	22.33	22.13
5	QPSK	12	7	22.20	22.23	22.11
5	QPSK	12	13	22.19	22.26	22.23
5	QPSK	25	0	22.02	22.28	22.19
5	16QAM	1	0	22.38	22.23	22.25
5	16QAM	1	12	22.12	22.14	22.37
5	16QAM	1	24	22.25	22.31	22.15
5	16QAM	12	0	21.11	21.15	21.19
5	16QAM	12	7	21.27	21.21	21.16
5	16QAM	12	13	21.25	21.17	21.26
5	16QAM	25	0	21.21	21.26	21.18
5	64QAM	1	0	22.12	22.20	22.22
5	64QAM	1	12	22.17	22.21	22.11
5	64QAM	1	24	22.09	22.21	22.19
5	64QAM	12	0	21.26	21.23	21.40
5	64QAM	12	7	21.20	21.36	21.36
5	64QAM	12	13	21.03	21.24	21.12
5	64QAM	25	0	21.09	21.29	21.07



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	23.20	23.26	23.27
3	QPSK	1	8	23.09	23.04	23.08
3	QPSK	1	14	23.06	23.00	23.06
3	QPSK	8	0	22.11	22.20	22.33
3	QPSK	8	4	22.21	22.23	22.17
3	QPSK	8	7	22.24	22.11	22.09
3	QPSK	15	0	22.09	22.05	22.24
3	16QAM	1	0	22.34	22.30	22.09
3	16QAM	1	8	22.24	22.36	22.16
3	16QAM	1	14	22.30	22.14	22.10
3	16QAM	8	0	21.28	21.32	21.27
3	16QAM	8	4	21.06	21.02	21.13
3	16QAM	8	7	21.19	21.13	21.15
3	16QAM	15	0	21.05	21.12	21.06
3	64QAM	1	0	22.17	22.30	22.08
3	64QAM	1	8	22.11	22.21	22.12
3	64QAM	1	14	22.07	22.12	22.03
3	64QAM	8	0	21.25	21.31	21.41
3	64QAM	8	4	21.29	21.31	21.35
3	64QAM	8	7	21.09	21.16	21.06
3	64QAM	15	0	21.16	21.14	21.10



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				131979	132322	132665
Frequency (MHz)				1710.7	1745	1779.3
1.4	QPSK	1	0	23.07	23.24	23.16
1.4	QPSK	1	3	23.09	22.95	23.08
1.4	QPSK	1	5	23.06	23.04	23.05
1.4	QPSK	3	0	22.13	22.29	22.26
1.4	QPSK	3	1	22.09	22.24	22.09
1.4	QPSK	3	3	22.19	22.24	22.28
1.4	QPSK	6	0	22.00	22.05	22.23
1.4	16QAM	1	0	22.25	22.30	22.14
1.4	16QAM	1	3	22.19	22.28	22.19
1.4	16QAM	1	5	22.33	22.28	22.15
1.4	16QAM	3	0	21.28	21.32	21.18
1.4	16QAM	3	1	21.21	21.20	21.16
1.4	16QAM	3	3	21.24	21.11	21.05
1.4	16QAM	6	0	21.02	21.06	21.04
1.4	64QAM	1	0	22.25	22.20	22.14
1.4	64QAM	1	3	22.33	22.28	21.99
1.4	64QAM	1	5	22.12	22.19	22.24
1.4	64QAM	3	0	21.30	21.30	21.30
1.4	64QAM	3	1	21.12	21.31	21.17
1.4	64QAM	3	3	21.02	21.22	21.16
1.4	64QAM	6	0	21.19	21.26	21.12



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	22.20	22.29	22.26
20	QPSK	1	49	22.11	22.18	22.17
20	QPSK	1	99	22.08	22.23	22.13
20	QPSK	50	0	21.43	21.54	21.38
20	QPSK	50	24	21.30	21.38	21.25
20	QPSK	50	50	21.17	21.21	21.21
20	QPSK	100	0	21.16	21.39	21.20
20	16QAM	1	0	21.30	21.42	21.33
20	16QAM	1	49	21.38	21.49	21.49
20	16QAM	1	99	21.44	21.37	21.23
20	16QAM	50	0	20.26	20.38	20.21
20	16QAM	50	24	20.15	20.34	20.14
20	16QAM	50	50	20.23	20.35	20.36
20	16QAM	100	0	20.20	20.35	20.31
20	64QAM	1	0	21.21	21.31	21.28
20	64QAM	1	49	21.32	21.32	21.33
20	64QAM	1	99	21.29	21.19	21.32
20	64QAM	50	0	20.49	20.36	20.30
20	64QAM	50	24	20.27	20.36	20.29
20	64QAM	50	50	20.18	20.37	20.18
20	64QAM	100	0	20.44	20.45	20.20



LTE Band 71						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				133197	133297	133397
Frequency (MHz)				670.5	680.5	690.5
15	QPSK	1	0	23.16	23.22	23.20
15	QPSK	1	37	23.04	23.14	23.09
15	QPSK	1	74	23.19	23.18	23.14
15	QPSK	36	0	22.29	22.35	22.28
15	QPSK	36	20	22.24	22.34	22.18
15	QPSK	36	39	22.20	22.23	22.31
15	QPSK	75	0	22.21	22.31	22.25
15	16QAM	1	0	22.49	22.47	22.27
15	16QAM	1	37	22.30	22.32	22.48
15	16QAM	1	74	22.23	22.45	22.37
15	16QAM	36	0	21.28	21.27	21.32
15	16QAM	36	20	21.37	21.26	21.24
15	16QAM	36	39	21.19	21.34	21.29
15	16QAM	75	0	21.11	21.22	21.15
15	64QAM	1	0	22.35	22.41	22.31
15	64QAM	1	37	22.35	22.33	22.12
15	64QAM	1	74	22.17	22.37	22.36
15	64QAM	36	0	21.30	21.37	21.44
15	64QAM	36	20	21.27	21.35	21.37
15	64QAM	36	39	21.33	21.38	21.27
15	64QAM	75	0	21.44	21.42	21.29



LTE Band 71						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				133172	133272	133422
Frequency (MHz)				668	678	693
10	QPSK	1	0	23.18	23.18	23.13
10	QPSK	1	25	23.10	23.14	23.11
10	QPSK	1	49	23.08	23.09	23.08
10	QPSK	25	0	22.38	22.43	22.40
10	QPSK	25	12	22.34	22.25	22.18
10	QPSK	25	25	22.26	22.13	22.30
10	QPSK	50	0	22.13	22.16	22.38
10	16QAM	1	0	22.37	22.45	22.38
10	16QAM	1	25	22.26	22.43	22.39
10	16QAM	1	49	22.27	22.41	22.18
10	16QAM	25	0	21.24	21.46	21.28
10	16QAM	25	12	21.18	21.14	21.30
10	16QAM	25	25	21.35	21.37	21.22
10	16QAM	50	0	21.27	21.25	21.25
10	64QAM	1	0	22.24	22.48	22.40
10	64QAM	1	25	22.24	22.36	22.23
10	64QAM	1	49	22.41	22.26	22.35
10	64QAM	25	0	21.37	21.35	21.44
10	64QAM	25	12	21.21	21.44	21.42
10	64QAM	25	25	21.23	21.31	21.34
10	64QAM	50	0	21.43	21.30	21.36



LTE Band 71						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				133147	133247	133447
Frequency (MHz)				665.5	675.5	695.5
5	QPSK	1	0	23.14	23.19	23.15
5	QPSK	1	12	23.13	23.12	23.12
5	QPSK	1	24	23.10	23.09	23.16
5	QPSK	12	0	22.41	22.35	22.23
5	QPSK	12	7	22.21	22.31	22.35
5	QPSK	12	13	22.36	22.24	22.28
5	QPSK	25	0	22.24	22.25	22.39
5	16QAM	1	0	22.38	22.46	22.21
5	16QAM	1	12	22.19	22.49	22.35
5	16QAM	1	24	22.33	22.24	22.14
5	16QAM	12	0	21.37	21.38	21.32
5	16QAM	12	7	21.25	21.33	21.24
5	16QAM	12	13	21.21	21.20	21.14
5	16QAM	25	0	21.14	21.36	21.31
5	64QAM	1	0	22.39	22.45	22.36
5	64QAM	1	12	22.38	22.24	22.27
5	64QAM	1	24	22.26	22.32	22.17
5	64QAM	12	0	21.40	21.39	21.37
5	64QAM	12	7	21.36	21.36	21.47
5	64QAM	12	13	21.27	21.20	21.23
5	64QAM	25	0	21.21	21.31	21.34

**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	27.41	0.551	27.49	0.561	27.46	0.557
20	QPSK	1	49	27.27	0.533	27.40	0.550	27.40	0.550
20	QPSK	1	99	27.38	0.547	27.44	0.555	27.42	0.552
20	QPSK	50	0	26.57	0.454	26.63	0.460	26.58	0.455
20	QPSK	50	24	26.51	0.448	26.54	0.451	26.49	0.446
20	QPSK	50	50	26.53	0.450	26.46	0.443	26.50	0.447
20	QPSK	100	0	26.48	0.445	26.51	0.448	26.44	0.441
20	16QAM	1	0	26.56	0.453	26.61	0.458	26.42	0.439
20	16QAM	1	49	26.54	0.451	26.64	0.461	26.54	0.451
20	16QAM	1	99	26.49	0.446	26.56	0.453	26.50	0.447
20	16QAM	50	0	25.34	0.342	25.56	0.360	25.41	0.348
20	16QAM	50	24	25.52	0.356	25.35	0.343	25.29	0.338
20	16QAM	50	50	25.45	0.351	25.54	0.358	25.49	0.354
20	16QAM	100	0	25.51	0.356	25.54	0.358	25.52	0.356
20	64QAM	1	0	26.57	0.454	26.58	0.455	26.47	0.444
20	64QAM	1	49	26.54	0.451	26.52	0.449	26.31	0.428
20	64QAM	1	99	26.49	0.446	26.32	0.429	26.40	0.437
20	64QAM	50	0	25.55	0.359	25.66	0.368	25.64	0.366
20	64QAM	50	24	25.36	0.344	25.44	0.350	25.50	0.355
20	64QAM	50	50	25.49	0.354	25.51	0.356	25.42	0.348
20	64QAM	100	0	25.58	0.361	25.66	0.368	25.42	0.348



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	27.45	0.556	27.46	0.557	27.41	0.551
15	QPSK	1	37	27.23	0.528	27.31	0.538	27.24	0.530
15	QPSK	1	74	27.32	0.540	27.36	0.545	27.38	0.547
15	QPSK	36	0	26.59	0.456	26.62	0.459	26.49	0.446
15	QPSK	36	20	26.50	0.447	26.56	0.453	26.49	0.446
15	QPSK	36	39	26.47	0.444	26.35	0.432	26.50	0.447
15	QPSK	75	0	26.31	0.428	26.47	0.444	26.49	0.446
15	16QAM	1	0	26.66	0.463	26.67	0.465	26.61	0.458
15	16QAM	1	37	26.43	0.440	26.47	0.444	26.62	0.459
15	16QAM	1	74	26.62	0.459	26.56	0.453	26.41	0.438
15	16QAM	36	0	25.51	0.356	25.46	0.352	25.45	0.351
15	16QAM	36	20	25.34	0.342	25.51	0.356	25.45	0.351
15	16QAM	36	39	25.42	0.348	25.63	0.366	25.46	0.352
15	16QAM	75	0	25.43	0.349	25.44	0.350	25.32	0.340
15	64QAM	1	0	26.53	0.450	26.62	0.459	26.61	0.458
15	64QAM	1	37	26.60	0.457	26.64	0.461	26.34	0.431
15	64QAM	1	74	26.49	0.446	26.33	0.430	26.53	0.450
15	64QAM	36	0	25.66	0.368	25.67	0.369	25.68	0.370
15	64QAM	36	20	25.35	0.343	25.44	0.350	25.61	0.364
15	64QAM	36	39	25.39	0.346	25.44	0.350	25.41	0.348
15	64QAM	75	0	25.41	0.348	25.57	0.361	25.53	0.357



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	27.41	0.551	27.47	0.558	27.45	0.556
10	QPSK	1	25	27.39	0.548	27.43	0.553	27.40	0.550
10	QPSK	1	49	27.36	0.545	27.44	0.555	27.34	0.542
10	QPSK	25	0	26.47	0.444	26.67	0.465	26.48	0.445
10	QPSK	25	12	26.50	0.447	26.43	0.440	26.36	0.433
10	QPSK	25	25	26.55	0.452	26.51	0.448	26.51	0.448
10	QPSK	50	0	26.43	0.440	26.52	0.449	26.59	0.456
10	16QAM	1	0	26.52	0.449	26.73	0.471	26.46	0.443
10	16QAM	1	25	26.41	0.438	26.44	0.441	26.64	0.461
10	16QAM	1	49	26.56	0.453	26.64	0.461	26.38	0.435
10	16QAM	25	0	25.36	0.344	25.61	0.364	25.63	0.366
10	16QAM	25	12	25.48	0.353	25.43	0.349	25.43	0.349
10	16QAM	25	25	25.40	0.347	25.50	0.355	25.35	0.343
10	16QAM	50	0	25.53	0.357	25.51	0.356	25.53	0.357
10	64QAM	1	0	26.57	0.454	26.47	0.444	26.38	0.435
10	64QAM	1	25	26.51	0.448	26.61	0.458	26.49	0.446
10	64QAM	1	49	26.37	0.434	26.41	0.438	26.57	0.454
10	64QAM	25	0	25.57	0.361	25.66	0.368	25.71	0.372
10	64QAM	25	12	25.48	0.353	25.57	0.361	25.54	0.358
10	64QAM	25	25	25.42	0.348	25.43	0.349	25.48	0.353
10	64QAM	50	0	25.40	0.347	25.49	0.354	25.53	0.357



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	27.44	0.555	27.45	0.556	27.42	0.552
5	QPSK	1	12	27.25	0.531	27.35	0.543	27.38	0.547
5	QPSK	1	24	27.27	0.533	27.37	0.546	27.32	0.540
5	QPSK	12	0	26.42	0.439	26.64	0.461	26.44	0.441
5	QPSK	12	7	26.51	0.448	26.54	0.451	26.42	0.439
5	QPSK	12	13	26.50	0.447	26.57	0.454	26.54	0.451
5	QPSK	25	0	26.33	0.430	26.59	0.456	26.50	0.447
5	16QAM	1	0	26.69	0.467	26.54	0.451	26.56	0.453
5	16QAM	1	12	26.43	0.440	26.45	0.442	26.68	0.466
5	16QAM	1	24	26.56	0.453	26.62	0.459	26.46	0.443
5	16QAM	12	0	25.42	0.348	25.46	0.352	25.50	0.355
5	16QAM	12	7	25.58	0.361	25.52	0.356	25.47	0.352
5	16QAM	12	13	25.56	0.360	25.48	0.353	25.57	0.361
5	16QAM	25	0	25.52	0.356	25.57	0.361	25.49	0.354
5	64QAM	1	0	26.43	0.440	26.51	0.448	26.53	0.450
5	64QAM	1	12	26.48	0.445	26.52	0.449	26.42	0.439
5	64QAM	1	24	26.40	0.437	26.52	0.449	26.50	0.447
5	64QAM	12	0	25.57	0.361	25.54	0.358	25.71	0.372
5	64QAM	12	7	25.51	0.356	25.67	0.369	25.67	0.369
5	64QAM	12	13	25.34	0.342	25.55	0.359	25.43	0.349
5	64QAM	25	0	25.40	0.347	25.60	0.363	25.38	0.345



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	27.41	0.551	27.46	0.557	27.38	0.547
3	QPSK	1	8	27.20	0.525	27.35	0.543	27.39	0.548
3	QPSK	1	14	27.37	0.546	27.31	0.538	27.37	0.546
3	QPSK	8	0	26.42	0.439	26.51	0.448	26.64	0.461
3	QPSK	8	4	26.52	0.449	26.54	0.451	26.48	0.445
3	QPSK	8	7	26.55	0.452	26.42	0.439	26.40	0.437
3	QPSK	15	0	26.40	0.437	26.36	0.433	26.55	0.452
3	16QAM	1	0	26.65	0.462	26.61	0.458	26.40	0.437
3	16QAM	1	8	26.55	0.452	26.67	0.465	26.47	0.444
3	16QAM	1	14	26.61	0.458	26.45	0.442	26.41	0.438
3	16QAM	8	0	25.59	0.362	25.63	0.366	25.58	0.361
3	16QAM	8	4	25.37	0.344	25.33	0.341	25.44	0.350
3	16QAM	8	7	25.50	0.355	25.44	0.350	25.46	0.352
3	16QAM	15	0	25.36	0.344	25.43	0.349	25.37	0.344
3	64QAM	1	0	26.48	0.445	26.61	0.458	26.39	0.436
3	64QAM	1	8	26.42	0.439	26.52	0.449	26.43	0.440
3	64QAM	1	14	26.38	0.435	26.43	0.440	26.34	0.431
3	64QAM	8	0	25.56	0.360	25.62	0.365	25.72	0.373
3	64QAM	8	4	25.60	0.363	25.62	0.365	25.66	0.368
3	64QAM	8	7	25.40	0.347	25.47	0.352	25.37	0.344
3	64QAM	15	0	25.47	0.352	25.45	0.351	25.41	0.348



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	27.38	0.547	27.44	0.555	27.42	0.552
1.4	QPSK	1	3	27.40	0.550	27.26	0.532	27.39	0.548
1.4	QPSK	1	5	27.37	0.546	27.35	0.543	27.36	0.545
1.4	QPSK	3	0	26.44	0.441	26.60	0.457	26.57	0.454
1.4	QPSK	3	1	26.40	0.437	26.55	0.452	26.40	0.437
1.4	QPSK	3	3	26.50	0.447	26.55	0.452	26.59	0.456
1.4	QPSK	6	0	26.31	0.428	26.36	0.433	26.54	0.451
1.4	16QAM	1	0	26.56	0.453	26.61	0.458	26.45	0.442
1.4	16QAM	1	3	26.50	0.447	26.59	0.456	26.50	0.447
1.4	16QAM	1	5	26.64	0.461	26.59	0.456	26.46	0.443
1.4	16QAM	3	0	25.59	0.362	25.63	0.366	25.49	0.354
1.4	16QAM	3	1	25.52	0.356	25.51	0.356	25.47	0.352
1.4	16QAM	3	3	25.55	0.359	25.42	0.348	25.36	0.344
1.4	16QAM	6	0	25.33	0.341	25.37	0.344	25.35	0.343
1.4	64QAM	1	0	26.56	0.453	26.51	0.448	26.45	0.442
1.4	64QAM	1	3	26.64	0.461	26.59	0.456	26.30	0.427
1.4	64QAM	1	5	26.43	0.440	26.50	0.447	26.55	0.452
1.4	64QAM	3	0	25.61	0.364	25.61	0.364	25.61	0.364
1.4	64QAM	3	1	25.43	0.349	25.62	0.365	25.48	0.353
1.4	64QAM	3	3	25.33	0.341	25.53	0.357	25.47	0.352
1.4	64QAM	6	0	25.50	0.355	25.57	0.361	25.43	0.349



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	26.00	0.398	26.01	0.399	25.94	0.393
20	QPSK	1	49	25.92	0.391	25.82	0.382	25.93	0.392
20	QPSK	1	99	25.89	0.388	25.82	0.382	25.78	0.378
20	QPSK	50	0	25.10	0.324	25.11	0.324	25.00	0.316
20	QPSK	50	24	24.83	0.304	24.93	0.311	24.85	0.305
20	QPSK	50	50	24.81	0.303	25.04	0.319	25.04	0.319
20	QPSK	100	0	24.88	0.308	24.95	0.313	24.96	0.313
20	16QAM	1	0	25.14	0.327	25.15	0.327	25.00	0.316
20	16QAM	1	49	24.86	0.306	24.97	0.314	24.98	0.315
20	16QAM	1	99	24.98	0.315	24.88	0.308	24.83	0.304
20	16QAM	50	0	23.83	0.242	24.07	0.255	24.04	0.254
20	16QAM	50	24	24.04	0.254	24.03	0.253	23.91	0.246
20	16QAM	50	50	24.07	0.255	23.92	0.247	23.86	0.243
20	16QAM	100	0	23.99	0.251	23.93	0.247	23.96	0.249
20	64QAM	1	0	25.07	0.321	24.94	0.312	24.91	0.310
20	64QAM	1	49	24.95	0.313	24.94	0.312	24.95	0.313
20	64QAM	1	99	24.86	0.306	24.90	0.309	24.97	0.314
20	64QAM	50	0	24.11	0.258	24.08	0.256	24.00	0.251
20	64QAM	50	24	24.05	0.254	23.95	0.248	24.09	0.256
20	64QAM	50	50	23.86	0.243	23.81	0.240	23.82	0.241
20	64QAM	100	0	23.89	0.245	24.04	0.254	24.08	0.256



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20025		20175		20325	
Frequency (MHz)				1717.5		1732.5		1747.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	25.98	0.396	25.91	0.390	25.90	0.389
15	QPSK	1	37	25.77	0.378	25.77	0.378	25.86	0.385
15	QPSK	1	74	25.84	0.384	25.86	0.385	25.81	0.381
15	QPSK	36	0	25.06	0.321	25.01	0.317	25.13	0.326
15	QPSK	36	20	24.88	0.308	25.07	0.321	25.04	0.319
15	QPSK	36	39	24.78	0.301	24.89	0.308	25.02	0.318
15	QPSK	75	0	24.77	0.300	24.92	0.310	24.92	0.310
15	16QAM	1	0	25.02	0.318	25.15	0.327	24.90	0.309
15	16QAM	1	37	24.92	0.310	25.10	0.324	25.02	0.318
15	16QAM	1	74	24.91	0.310	25.03	0.318	24.83	0.304
15	16QAM	36	0	23.83	0.242	23.92	0.247	23.90	0.245
15	16QAM	36	20	23.86	0.243	24.04	0.254	23.90	0.245
15	16QAM	36	39	23.88	0.244	23.89	0.245	24.04	0.254
15	16QAM	75	0	23.84	0.242	23.92	0.247	23.89	0.245
15	64QAM	1	0	24.84	0.305	25.01	0.317	25.00	0.316
15	64QAM	1	37	25.08	0.322	25.02	0.318	25.01	0.317
15	64QAM	1	74	24.99	0.316	24.80	0.302	25.05	0.320
15	64QAM	36	0	23.95	0.248	24.14	0.259	23.97	0.249
15	64QAM	36	20	24.04	0.254	24.05	0.254	24.14	0.259
15	64QAM	36	39	23.98	0.250	23.90	0.245	23.93	0.247
15	64QAM	75	0	23.97	0.249	24.13	0.259	23.84	0.242



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	25.97	0.395	25.95	0.394	25.93	0.392
10	QPSK	1	25	25.72	0.373	25.92	0.391	25.70	0.372
10	QPSK	1	49	25.91	0.390	25.89	0.388	25.81	0.381
10	QPSK	25	0	24.94	0.312	25.22	0.333	25.13	0.326
10	QPSK	25	12	24.96	0.313	25.14	0.327	24.87	0.307
10	QPSK	25	25	24.99	0.316	25.02	0.318	25.01	0.317
10	QPSK	50	0	24.77	0.300	24.94	0.312	25.05	0.320
10	16QAM	1	0	24.99	0.316	25.11	0.324	25.07	0.321
10	16QAM	1	25	24.91	0.310	25.14	0.327	25.07	0.321
10	16QAM	1	49	24.89	0.308	24.99	0.316	24.93	0.311
10	16QAM	25	0	23.85	0.243	23.95	0.248	24.09	0.256
10	16QAM	25	12	23.83	0.242	23.95	0.248	23.97	0.249
10	16QAM	25	25	23.91	0.246	24.04	0.254	23.97	0.249
10	16QAM	50	0	23.90	0.245	23.99	0.251	23.82	0.241
10	64QAM	1	0	24.96	0.313	25.06	0.321	24.85	0.305
10	64QAM	1	25	25.10	0.324	24.98	0.315	24.96	0.313
10	64QAM	1	49	24.99	0.316	24.93	0.311	24.84	0.305
10	64QAM	25	0	24.18	0.262	24.08	0.256	24.15	0.260
10	64QAM	25	12	23.82	0.241	24.09	0.256	24.06	0.255
10	64QAM	25	25	24.03	0.253	23.97	0.249	24.01	0.252
10	64QAM	50	0	24.10	0.257	23.88	0.244	23.94	0.248



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	25.95	0.394	25.93	0.392	25.89	0.388
5	QPSK	1	12	25.69	0.371	25.87	0.386	25.81	0.381
5	QPSK	1	24	25.81	0.381	25.85	0.385	25.83	0.383
5	QPSK	12	0	25.09	0.323	25.08	0.322	25.13	0.326
5	QPSK	12	7	24.97	0.314	25.02	0.318	24.83	0.304
5	QPSK	12	13	24.94	0.312	24.91	0.310	25.03	0.318
5	QPSK	25	0	25.01	0.317	25.08	0.322	25.04	0.319
5	16QAM	1	0	24.99	0.316	25.07	0.321	25.01	0.317
5	16QAM	1	12	24.83	0.304	24.99	0.316	25.12	0.325
5	16QAM	1	24	25.12	0.325	24.91	0.310	24.94	0.312
5	16QAM	12	0	23.89	0.245	24.02	0.252	23.97	0.249
5	16QAM	12	7	24.03	0.253	23.89	0.245	23.82	0.241
5	16QAM	12	13	23.94	0.248	24.10	0.257	23.91	0.246
5	16QAM	25	0	23.94	0.248	24.03	0.253	23.80	0.240
5	64QAM	1	0	24.95	0.313	25.11	0.324	24.88	0.308
5	64QAM	1	12	24.94	0.312	25.10	0.324	25.02	0.318
5	64QAM	1	24	24.96	0.313	24.87	0.307	25.03	0.318
5	64QAM	12	0	24.19	0.262	24.03	0.253	23.99	0.251
5	64QAM	12	7	24.03	0.253	24.02	0.252	24.09	0.256
5	64QAM	12	13	23.95	0.248	24.03	0.253	23.77	0.238
5	64QAM	25	0	24.02	0.252	24.10	0.257	24.05	0.254



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				19965		20175		20385	
Frequency (MHz)				1711.5		1732.5		1753.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	25.94	0.393	25.89	0.388	25.87	0.386
3	QPSK	1	8	25.88	0.387	25.90	0.389	25.92	0.391
3	QPSK	1	14	25.77	0.378	25.84	0.384	25.95	0.394
3	QPSK	8	0	24.87	0.307	25.17	0.329	25.07	0.321
3	QPSK	8	4	24.95	0.313	25.11	0.324	24.92	0.310
3	QPSK	8	7	24.91	0.310	24.84	0.305	24.85	0.305
3	QPSK	15	0	24.81	0.303	25.06	0.321	25.02	0.318
3	16QAM	1	0	25.14	0.327	25.09	0.323	25.08	0.322
3	16QAM	1	8	24.89	0.308	25.16	0.328	24.98	0.315
3	16QAM	1	14	25.01	0.317	24.97	0.314	24.84	0.305
3	16QAM	8	0	23.97	0.249	23.93	0.247	24.02	0.252
3	16QAM	8	4	23.89	0.245	24.02	0.252	23.89	0.245
3	16QAM	8	7	24.04	0.254	23.97	0.249	23.82	0.241
3	16QAM	15	0	24.02	0.252	23.90	0.245	23.82	0.241
3	64QAM	1	0	24.96	0.313	25.04	0.319	24.83	0.304
3	64QAM	1	8	25.04	0.319	25.14	0.327	24.86	0.306
3	64QAM	1	14	25.05	0.320	24.94	0.312	24.99	0.316
3	64QAM	8	0	24.00	0.251	24.13	0.259	24.17	0.261
3	64QAM	8	4	24.06	0.255	23.99	0.251	24.05	0.254
3	64QAM	8	7	24.00	0.251	24.00	0.251	23.94	0.248
3	64QAM	15	0	24.09	0.256	24.00	0.251	24.08	0.256



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				19957		20175		20393	
Frequency (MHz)				1710.7		1732.5		1754.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	25.96	0.394	25.87	0.386	25.84	0.384
1.4	QPSK	1	3	25.85	0.385	25.94	0.393	25.73	0.374
1.4	QPSK	1	5	25.75	0.376	25.86	0.385	25.89	0.388
1.4	QPSK	3	0	24.93	0.311	25.19	0.330	24.93	0.311
1.4	QPSK	3	1	24.86	0.306	25.10	0.324	24.88	0.308
1.4	QPSK	3	3	24.99	0.316	24.79	0.301	25.10	0.324
1.4	QPSK	6	0	24.84	0.305	25.03	0.318	25.02	0.318
1.4	16QAM	1	0	24.98	0.315	25.03	0.318	25.04	0.319
1.4	16QAM	1	3	24.87	0.307	24.95	0.313	25.01	0.317
1.4	16QAM	1	5	25.09	0.323	25.08	0.322	24.92	0.310
1.4	16QAM	3	0	23.88	0.244	24.15	0.260	24.04	0.254
1.4	16QAM	3	1	24.04	0.254	23.88	0.244	23.87	0.244
1.4	16QAM	3	3	23.94	0.248	23.93	0.247	23.85	0.243
1.4	16QAM	6	0	23.99	0.251	24.05	0.254	23.79	0.239
1.4	64QAM	1	0	24.99	0.316	25.08	0.322	25.07	0.321
1.4	64QAM	1	3	24.90	0.309	25.03	0.318	24.90	0.309
1.4	64QAM	1	5	25.04	0.319	24.79	0.301	24.94	0.312
1.4	64QAM	3	0	24.18	0.262	24.25	0.266	23.97	0.249
1.4	64QAM	3	1	23.96	0.249	24.00	0.251	24.17	0.261
1.4	64QAM	3	3	23.95	0.248	24.06	0.255	23.96	0.249
1.4	64QAM	6	0	24.07	0.255	23.96	0.249	23.91	0.246



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	22.57	0.181	22.59	0.182	22.51	0.178
10	QPSK	1	25	22.48	0.177	22.50	0.178	22.43	0.175
10	QPSK	1	49	22.46	0.176	22.39	0.173	22.40	0.174
10	QPSK	25	0	21.62	0.145	21.64	0.146	21.62	0.145
10	QPSK	25	12	21.38	0.137	21.52	0.142	21.37	0.137
10	QPSK	25	25	21.34	0.136	21.58	0.144	21.59	0.144
10	QPSK	50	0	21.53	0.142	21.61	0.145	21.48	0.141
10	16QAM	1	0	21.67	0.147	21.61	0.145	21.51	0.142
10	16QAM	1	25	21.38	0.137	21.65	0.146	21.57	0.144
10	16QAM	1	49	21.55	0.143	21.43	0.139	21.40	0.138
10	16QAM	25	0	20.52	0.113	20.60	0.115	20.41	0.110
10	16QAM	25	12	20.43	0.110	20.49	0.112	20.42	0.110
10	16QAM	25	25	20.41	0.110	20.66	0.116	20.36	0.109
10	16QAM	50	0	20.42	0.110	20.60	0.115	20.53	0.113
10	64QAM	1	0	21.44	0.139	21.69	0.148	21.42	0.139
10	64QAM	1	25	21.54	0.143	21.63	0.146	21.39	0.138
10	64QAM	1	49	21.56	0.143	21.40	0.138	21.50	0.141
10	64QAM	25	0	20.56	0.114	20.74	0.119	20.63	0.116
10	64QAM	25	12	20.60	0.115	20.69	0.117	20.56	0.114
10	64QAM	25	25	20.41	0.110	20.35	0.108	20.32	0.108
10	64QAM	50	0	20.58	0.114	20.65	0.116	20.46	0.111



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	22.53	0.179	22.56	0.180	22.50	0.178
5	QPSK	1	12	22.46	0.176	22.29	0.169	22.41	0.174
5	QPSK	1	24	22.37	0.173	22.50	0.178	22.43	0.175
5	QPSK	12	0	21.48	0.141	21.74	0.149	21.56	0.143
5	QPSK	12	7	21.37	0.137	21.60	0.145	21.40	0.138
5	QPSK	12	13	21.50	0.141	21.58	0.144	21.57	0.144
5	QPSK	25	0	21.37	0.137	21.48	0.141	21.56	0.143
5	16QAM	1	0	21.62	0.145	21.74	0.149	21.46	0.140
5	16QAM	1	12	21.54	0.143	21.50	0.141	21.55	0.143
5	16QAM	1	24	21.61	0.145	21.47	0.140	21.56	0.143
5	16QAM	12	0	20.45	0.111	20.68	0.117	20.61	0.115
5	16QAM	12	7	20.56	0.114	20.53	0.113	20.44	0.111
5	16QAM	12	13	20.37	0.109	20.52	0.113	20.53	0.113
5	16QAM	25	0	20.46	0.111	20.51	0.112	20.43	0.110
5	64QAM	1	0	21.55	0.143	21.49	0.141	21.40	0.138
5	64QAM	1	12	21.53	0.142	21.53	0.142	21.53	0.142
5	64QAM	1	24	21.55	0.143	21.39	0.138	21.36	0.137
5	64QAM	12	0	20.72	0.118	20.61	0.115	20.58	0.114
5	64QAM	12	7	20.49	0.112	20.57	0.114	20.72	0.118
5	64QAM	12	13	20.46	0.111	20.36	0.109	20.38	0.109
5	64QAM	25	0	20.58	0.114	20.64	0.116	20.49	0.112



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	22.53	0.179	22.58	0.181	22.50	0.178
3	QPSK	1	8	22.27	0.169	22.37	0.173	22.47	0.177
3	QPSK	1	14	22.45	0.176	22.39	0.173	22.47	0.177
3	QPSK	8	0	21.62	0.145	21.76	0.150	21.48	0.141
3	QPSK	8	4	21.35	0.136	21.54	0.143	21.49	0.141
3	QPSK	8	7	21.52	0.142	21.37	0.137	21.47	0.140
3	QPSK	15	0	21.35	0.136	21.53	0.142	21.61	0.145
3	16QAM	1	0	21.50	0.141	21.62	0.145	21.63	0.146
3	16QAM	1	8	21.43	0.139	21.59	0.144	21.47	0.140
3	16QAM	1	14	21.56	0.143	21.48	0.141	21.59	0.144
3	16QAM	8	0	20.53	0.113	20.60	0.115	20.43	0.110
3	16QAM	8	4	20.46	0.111	20.53	0.113	20.32	0.108
3	16QAM	8	7	20.62	0.115	20.60	0.115	20.35	0.108
3	16QAM	15	0	20.40	0.110	20.60	0.115	20.49	0.112
3	64QAM	1	0	21.41	0.138	21.56	0.143	21.45	0.140
3	64QAM	1	8	21.55	0.143	21.64	0.146	21.43	0.139
3	64QAM	1	14	21.63	0.146	21.54	0.143	21.39	0.138
3	64QAM	8	0	20.65	0.116	20.65	0.116	20.66	0.116
3	64QAM	8	4	20.53	0.113	20.62	0.115	20.54	0.113
3	64QAM	8	7	20.34	0.108	20.54	0.113	20.37	0.109
3	64QAM	15	0	20.54	0.113	20.47	0.111	20.44	0.111



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	22.52	0.179	22.55	0.180	22.51	0.178
1.4	QPSK	1	3	22.46	0.176	22.42	0.175	22.36	0.172
1.4	QPSK	1	5	22.48	0.177	22.52	0.179	22.32	0.171
1.4	QPSK	3	0	21.61	0.145	21.72	0.149	21.47	0.140
1.4	QPSK	3	1	21.31	0.135	21.65	0.146	21.48	0.141
1.4	QPSK	3	3	21.46	0.140	21.54	0.143	21.42	0.139
1.4	QPSK	6	0	21.55	0.143	21.39	0.138	21.57	0.144
1.4	16QAM	1	0	21.56	0.143	21.63	0.146	21.64	0.146
1.4	16QAM	1	3	21.50	0.141	21.67	0.147	21.58	0.144
1.4	16QAM	1	5	21.67	0.147	21.54	0.143	21.36	0.137
1.4	16QAM	3	0	20.51	0.112	20.61	0.115	20.44	0.111
1.4	16QAM	3	1	20.42	0.110	20.39	0.109	20.41	0.110
1.4	16QAM	3	3	20.58	0.114	20.41	0.110	20.52	0.113
1.4	16QAM	6	0	20.39	0.109	20.41	0.110	20.49	0.112
1.4	64QAM	1	0	21.41	0.138	21.51	0.142	21.48	0.141
1.4	64QAM	1	3	21.60	0.145	21.47	0.140	21.43	0.139
1.4	64QAM	1	5	21.60	0.145	21.56	0.143	21.56	0.143
1.4	64QAM	3	0	20.54	0.113	20.76	0.119	20.74	0.119
1.4	64QAM	3	1	20.52	0.113	20.46	0.111	20.61	0.115
1.4	64QAM	3	3	20.51	0.112	20.42	0.110	20.51	0.112
1.4	64QAM	6	0	20.53	0.113	20.66	0.116	20.40	0.110



LTE Band 7				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20850		21100		21350	
Frequency (MHz)				2510		2535		2560	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	27.17	0.521	27.24	0.530	27.21	0.526
20	QPSK	1	49	26.93	0.493	26.98	0.499	27.08	0.511
20	QPSK	1	99	27.08	0.511	27.23	0.528	27.05	0.507
20	QPSK	50	0	26.22	0.419	26.31	0.428	26.16	0.413
20	QPSK	50	24	26.00	0.398	26.18	0.415	26.07	0.405
20	QPSK	50	50	26.04	0.402	26.21	0.418	26.11	0.408
20	QPSK	100	0	26.20	0.417	26.23	0.420	26.22	0.419
20	16QAM	1	0	26.32	0.429	26.28	0.425	26.27	0.424
20	16QAM	1	49	26.19	0.416	26.31	0.428	26.27	0.424
20	16QAM	1	99	26.30	0.427	26.28	0.425	26.07	0.405
20	16QAM	50	0	25.06	0.321	25.17	0.329	25.12	0.325
20	16QAM	50	24	25.12	0.325	25.09	0.323	25.08	0.322
20	16QAM	50	50	25.28	0.337	25.27	0.337	25.15	0.327
20	16QAM	100	0	25.14	0.327	25.25	0.335	25.20	0.331
20	64QAM	1	0	26.26	0.423	26.28	0.425	26.18	0.415
20	64QAM	1	49	26.21	0.418	26.38	0.435	26.00	0.398
20	64QAM	1	99	26.28	0.425	26.03	0.401	26.08	0.406
20	64QAM	50	0	25.24	0.334	25.41	0.348	25.40	0.347
20	64QAM	50	24	25.26	0.336	25.28	0.337	25.18	0.330
20	64QAM	50	50	25.20	0.331	25.18	0.330	25.12	0.325
20	64QAM	100	0	25.21	0.332	25.20	0.331	25.15	0.327



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	27.16	0.520	27.22	0.527	27.18	0.522
15	QPSK	1	37	27.11	0.514	26.95	0.495	26.93	0.493
15	QPSK	1	74	27.10	0.513	27.07	0.509	27.06	0.508
15	QPSK	36	0	26.14	0.411	26.31	0.428	26.30	0.427
15	QPSK	36	20	26.08	0.406	26.22	0.419	26.04	0.402
15	QPSK	36	39	26.20	0.417	26.10	0.407	26.14	0.411
15	QPSK	75	0	26.05	0.403	26.15	0.412	26.22	0.419
15	16QAM	1	0	26.22	0.419	26.24	0.421	26.33	0.430
15	16QAM	1	37	26.08	0.406	26.29	0.426	26.28	0.425
15	16QAM	1	74	26.27	0.424	26.32	0.429	26.22	0.419
15	16QAM	36	0	25.24	0.334	25.35	0.343	25.19	0.330
15	16QAM	36	20	25.14	0.327	25.24	0.334	25.06	0.321
15	16QAM	36	39	25.30	0.339	25.23	0.333	25.17	0.329
15	16QAM	75	0	25.14	0.327	25.26	0.336	25.15	0.327
15	64QAM	1	0	26.26	0.423	26.17	0.414	26.18	0.415
15	64QAM	1	37	26.24	0.421	26.37	0.434	26.10	0.407
15	64QAM	1	74	26.15	0.412	26.10	0.407	26.19	0.416
15	64QAM	36	0	25.19	0.330	25.39	0.346	25.27	0.337
15	64QAM	36	20	25.12	0.325	25.35	0.343	25.36	0.344
15	64QAM	36	39	25.19	0.330	25.22	0.333	25.06	0.321
15	64QAM	75	0	25.21	0.332	25.16	0.328	25.20	0.331



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	27.16	0.520	27.19	0.524	27.14	0.518
10	QPSK	1	25	27.02	0.504	27.00	0.501	27.10	0.513
10	QPSK	1	49	27.12	0.515	27.11	0.514	27.13	0.516
10	QPSK	25	0	26.13	0.410	26.34	0.431	26.15	0.412
10	QPSK	25	12	26.24	0.421	26.18	0.415	26.12	0.409
10	QPSK	25	25	26.17	0.414	26.09	0.406	26.24	0.421
10	QPSK	50	0	26.03	0.401	26.30	0.427	26.29	0.426
10	16QAM	1	0	26.35	0.432	26.27	0.424	26.33	0.430
10	16QAM	1	25	26.11	0.408	26.26	0.423	26.30	0.427
10	16QAM	1	49	26.28	0.425	26.27	0.424	26.23	0.420
10	16QAM	25	0	25.24	0.334	25.31	0.340	25.11	0.324
10	16QAM	25	12	25.18	0.330	25.04	0.319	24.99	0.316
10	16QAM	25	25	25.18	0.330	25.23	0.333	25.23	0.333
10	16QAM	50	0	25.18	0.330	25.13	0.326	25.05	0.320
10	64QAM	1	0	26.09	0.406	26.40	0.437	26.20	0.417
10	64QAM	1	25	26.13	0.410	26.25	0.422	26.25	0.422
10	64QAM	1	49	26.17	0.414	26.22	0.419	26.17	0.414
10	64QAM	25	0	25.41	0.348	25.23	0.333	25.37	0.344
10	64QAM	25	12	25.08	0.322	25.21	0.332	25.22	0.333
10	64QAM	25	25	25.14	0.327	25.29	0.338	25.21	0.332
10	64QAM	50	0	25.30	0.339	25.13	0.326	25.11	0.324



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	27.10	0.513	27.21	0.526	27.15	0.519
5	QPSK	1	12	27.06	0.508	27.19	0.524	26.94	0.494
5	QPSK	1	24	27.19	0.524	27.09	0.512	27.12	0.515
5	QPSK	12	0	26.16	0.413	26.34	0.431	26.28	0.425
5	QPSK	12	7	26.03	0.401	26.29	0.426	26.15	0.412
5	QPSK	12	13	26.22	0.419	26.12	0.409	26.16	0.413
5	QPSK	25	0	26.12	0.409	26.29	0.426	26.26	0.423
5	16QAM	1	0	26.17	0.414	26.45	0.442	26.22	0.419
5	16QAM	1	12	26.27	0.424	26.19	0.416	26.25	0.422
5	16QAM	1	24	26.16	0.413	26.24	0.421	26.14	0.411
5	16QAM	12	0	25.26	0.336	25.40	0.347	25.15	0.327
5	16QAM	12	7	25.27	0.337	25.06	0.321	25.11	0.324
5	16QAM	12	13	25.10	0.324	25.14	0.327	25.21	0.332
5	16QAM	25	0	25.19	0.330	25.28	0.337	25.13	0.326
5	64QAM	1	0	26.07	0.405	26.18	0.415	26.25	0.422
5	64QAM	1	12	26.22	0.419	26.21	0.418	26.16	0.413
5	64QAM	1	24	26.12	0.409	26.21	0.418	26.04	0.402
5	64QAM	12	0	25.42	0.348	25.35	0.343	25.19	0.330
5	64QAM	12	7	25.21	0.332	25.32	0.340	25.29	0.338
5	64QAM	12	13	25.16	0.328	25.26	0.336	25.04	0.319
5	64QAM	25	0	25.27	0.337	25.20	0.331	25.09	0.323



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	22.63	0.183	22.71	0.187	22.68	0.185
10	QPSK	1	25	22.45	0.176	22.63	0.183	22.53	0.179
10	QPSK	1	49	22.52	0.179	22.49	0.177	22.57	0.181
10	QPSK	25	0	21.71	0.148	21.77	0.150	21.69	0.148
10	QPSK	25	12	21.69	0.148	21.61	0.145	21.52	0.142
10	QPSK	25	25	21.60	0.145	21.73	0.149	21.62	0.145
10	QPSK	50	0	21.68	0.147	21.70	0.148	21.66	0.147
10	16QAM	1	0	21.74	0.149	21.77	0.150	21.70	0.148
10	16QAM	1	25	21.52	0.142	21.64	0.146	21.70	0.148
10	16QAM	1	49	21.78	0.151	21.80	0.151	21.50	0.141
10	16QAM	25	0	20.54	0.113	20.71	0.118	20.57	0.114
10	16QAM	25	12	20.60	0.115	20.70	0.117	20.45	0.111
10	16QAM	25	25	20.70	0.117	20.57	0.114	20.62	0.115
10	16QAM	50	0	20.54	0.113	20.71	0.118	20.54	0.113
10	64QAM	1	0	21.56	0.143	21.79	0.151	21.72	0.149
10	64QAM	1	25	21.63	0.146	21.79	0.151	21.69	0.148
10	64QAM	1	49	21.77	0.150	21.56	0.143	21.63	0.146
10	64QAM	25	0	20.71	0.118	20.72	0.118	20.86	0.122
10	64QAM	25	12	20.56	0.114	20.84	0.121	20.70	0.117
10	64QAM	25	25	20.71	0.118	20.59	0.115	20.58	0.114
10	64QAM	50	0	20.64	0.116	20.69	0.117	20.57	0.114



LTE Band 12				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23035		23095		23155	
Frequency (MHz)				701.5		707.5		713.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	22.53	0.179	22.68	0.185	22.48	0.177
5	QPSK	1	12	22.40	0.174	22.54	0.179	22.51	0.178
5	QPSK	1	24	22.55	0.180	22.59	0.182	22.60	0.182
5	QPSK	12	0	21.72	0.149	21.73	0.149	21.77	0.150
5	QPSK	12	7	21.67	0.147	21.64	0.146	21.69	0.148
5	QPSK	12	13	21.69	0.148	21.62	0.145	21.76	0.150
5	QPSK	25	0	21.52	0.142	21.60	0.145	21.67	0.147
5	16QAM	1	0	21.72	0.149	21.92	0.156	21.74	0.149
5	16QAM	1	12	21.55	0.143	21.63	0.146	21.84	0.153
5	16QAM	1	24	21.65	0.146	21.78	0.151	21.58	0.144
5	16QAM	12	0	20.62	0.115	20.86	0.122	20.75	0.119
5	16QAM	12	7	20.66	0.116	20.66	0.116	20.55	0.114
5	16QAM	12	13	20.77	0.119	20.59	0.115	20.52	0.113
5	16QAM	25	0	20.57	0.114	20.77	0.119	20.62	0.115
5	64QAM	1	0	21.66	0.147	21.75	0.150	21.59	0.144
5	64QAM	1	12	21.67	0.147	21.76	0.150	21.64	0.146
5	64QAM	1	24	21.67	0.147	21.54	0.143	21.68	0.147
5	64QAM	12	0	20.72	0.118	20.76	0.119	20.75	0.119
5	64QAM	12	7	20.67	0.117	20.62	0.115	20.85	0.122
5	64QAM	12	13	20.73	0.118	20.73	0.118	20.65	0.116
5	64QAM	25	0	20.79	0.120	20.68	0.117	20.57	0.114



LTE Band 12				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23025		23095		23165	
Frequency (MHz)				700.5		707.5		714.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	22.52	0.179	22.66	0.185	22.45	0.176
3	QPSK	1	8	22.61	0.182	22.50	0.178	22.50	0.178
3	QPSK	1	14	22.62	0.183	22.55	0.180	22.67	0.185
3	QPSK	8	0	21.67	0.147	21.83	0.152	21.65	0.146
3	QPSK	8	4	21.48	0.141	21.71	0.148	21.55	0.143
3	QPSK	8	7	21.68	0.147	21.59	0.144	21.57	0.144
3	QPSK	15	0	21.66	0.147	21.66	0.147	21.67	0.147
3	16QAM	1	0	21.85	0.153	21.89	0.155	21.81	0.152
3	16QAM	1	8	21.55	0.143	21.82	0.152	21.88	0.154
3	16QAM	1	14	21.68	0.147	21.74	0.149	21.64	0.146
3	16QAM	8	0	20.58	0.114	20.80	0.120	20.64	0.116
3	16QAM	8	4	20.73	0.118	20.70	0.117	20.55	0.114
3	16QAM	8	7	20.77	0.119	20.77	0.119	20.55	0.114
3	16QAM	15	0	20.62	0.115	20.63	0.116	20.51	0.112
3	64QAM	1	0	21.62	0.145	21.64	0.146	21.66	0.147
3	64QAM	1	8	21.72	0.149	21.84	0.153	21.49	0.141
3	64QAM	1	14	21.68	0.147	21.53	0.142	21.76	0.150
3	64QAM	8	0	20.83	0.121	20.86	0.122	20.83	0.121
3	64QAM	8	4	20.52	0.113	20.65	0.116	20.66	0.116
3	64QAM	8	7	20.71	0.118	20.74	0.119	20.49	0.112
3	64QAM	15	0	20.66	0.116	20.83	0.121	20.62	0.115



LTE Band 12				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23017		23095		23173	
Frequency (MHz)				699.7		707.5		715.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	22.48	0.177	22.67	0.185	22.65	0.184
1.4	QPSK	1	3	22.37	0.173	22.55	0.180	22.50	0.178
1.4	QPSK	1	5	22.46	0.176	22.52	0.179	22.59	0.182
1.4	QPSK	3	0	21.58	0.144	21.90	0.155	21.76	0.150
1.4	QPSK	3	1	21.57	0.144	21.61	0.145	21.71	0.148
1.4	QPSK	3	3	21.66	0.147	21.59	0.144	21.70	0.148
1.4	QPSK	6	0	21.58	0.144	21.62	0.145	21.66	0.147
1.4	16QAM	1	0	21.74	0.149	21.85	0.153	21.81	0.152
1.4	16QAM	1	3	21.63	0.146	21.83	0.152	21.81	0.152
1.4	16QAM	1	5	21.81	0.152	21.78	0.151	21.69	0.148
1.4	16QAM	3	0	20.73	0.118	20.65	0.116	20.70	0.117
1.4	16QAM	3	1	20.61	0.115	20.57	0.114	20.55	0.114
1.4	16QAM	3	3	20.72	0.118	20.78	0.120	20.61	0.115
1.4	16QAM	6	0	20.52	0.113	20.56	0.114	20.51	0.112
1.4	64QAM	1	0	21.53	0.142	21.82	0.152	21.73	0.149
1.4	64QAM	1	3	21.82	0.152	21.64	0.146	21.49	0.141
1.4	64QAM	1	5	21.70	0.148	21.74	0.149	21.69	0.148
1.4	64QAM	3	0	20.73	0.118	20.70	0.117	20.85	0.122
1.4	64QAM	3	1	20.52	0.113	20.85	0.122	20.78	0.120
1.4	64QAM	3	3	20.72	0.118	20.57	0.114	20.71	0.118
1.4	64QAM	6	0	20.58	0.114	20.60	0.115	20.60	0.115



LTE Band 13				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				/		23230		/	
Frequency (MHz)				/		782		/	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	/	/	23.20	0.209	/	/
10	QPSK	1	25	/	/	23.12	0.205	/	/
10	QPSK	1	49	/	/	23.05	0.202	/	/
10	QPSK	25	0	/	/	22.21	0.166	/	/
10	QPSK	25	12	/	/	22.18	0.165	/	/
10	QPSK	25	25	/	/	22.07	0.161	/	/
10	QPSK	50	0	/	/	22.10	0.162	/	/
10	16QAM	1	0	/	/	22.20	0.166	/	/
10	16QAM	1	25	/	/	22.11	0.163	/	/
10	16QAM	1	49	/	/	22.15	0.164	/	/
10	16QAM	25	0	/	/	21.17	0.131	/	/
10	16QAM	25	12	/	/	21.06	0.128	/	/
10	16QAM	25	25	/	/	21.09	0.129	/	/
10	16QAM	50	0	/	/	21.03	0.127	/	/
10	64QAM	1	0	/	/	22.16	0.164	/	/
10	64QAM	1	25	/	/	21.99	0.158	/	/
10	64QAM	1	49	/	/	22.02	0.159	/	/
10	64QAM	25	0	/	/	21.23	0.133	/	/
10	64QAM	25	12	/	/	21.18	0.131	/	/
10	64QAM	25	25	/	/	21.18	0.131	/	/
10	64QAM	50	0	/	/	21.22	0.132	/	/



LTE Band 13				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23205		23230		23255	
Frequency (MHz)				779.5		782		784.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	23.15	0.207	23.18	0.208	23.08	0.203
5	QPSK	1	12	22.91	0.195	23.00	0.200	23.08	0.203
5	QPSK	1	24	23.13	0.206	23.17	0.207	23.17	0.207
5	QPSK	12	0	22.13	0.163	22.15	0.164	22.17	0.165
5	QPSK	12	7	22.12	0.163	22.29	0.169	22.05	0.160
5	QPSK	12	13	22.03	0.160	22.09	0.162	22.20	0.166
5	QPSK	25	0	22.15	0.164	22.11	0.163	22.11	0.163
5	16QAM	1	0	22.17	0.165	22.35	0.172	22.18	0.165
5	16QAM	1	12	22.07	0.161	22.25	0.168	22.18	0.165
5	16QAM	1	24	22.20	0.166	22.25	0.168	22.01	0.159
5	16QAM	12	0	21.06	0.128	21.20	0.132	21.05	0.127
5	16QAM	12	7	21.04	0.127	21.08	0.128	20.94	0.124
5	16QAM	12	13	21.18	0.131	21.24	0.133	21.19	0.132
5	16QAM	25	0	21.13	0.130	21.04	0.127	21.09	0.129
5	64QAM	1	0	22.03	0.160	22.32	0.171	22.16	0.164
5	64QAM	1	12	22.12	0.163	22.28	0.169	21.98	0.158
5	64QAM	1	24	22.10	0.162	22.18	0.165	21.98	0.158
5	64QAM	12	0	21.25	0.133	21.20	0.132	21.29	0.135
5	64QAM	12	7	21.23	0.133	21.29	0.135	21.18	0.131
5	64QAM	12	13	21.09	0.129	21.10	0.129	21.07	0.128
5	64QAM	25	0	21.28	0.134	21.08	0.128	21.02	0.126



LTE Band 17				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23780		23790		23800	
Frequency (MHz)				709		710		711	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	22.82	0.191	22.77	0.189	22.76	0.189
10	QPSK	1	25	22.74	0.188	22.61	0.182	22.63	0.183
10	QPSK	1	49	22.56	0.180	22.61	0.182	22.72	0.187
10	QPSK	25	0	21.79	0.151	21.97	0.157	21.78	0.151
10	QPSK	25	12	21.61	0.145	21.72	0.149	21.83	0.152
10	QPSK	25	25	21.64	0.146	21.71	0.148	21.91	0.155
10	QPSK	50	0	21.78	0.151	21.80	0.151	21.79	0.151
10	16QAM	1	0	21.78	0.151	21.96	0.157	21.77	0.150
10	16QAM	1	25	21.64	0.146	21.77	0.150	21.84	0.153
10	16QAM	1	49	21.82	0.152	21.73	0.149	21.67	0.147
10	16QAM	25	0	20.62	0.115	20.75	0.119	20.71	0.118
10	16QAM	25	12	20.79	0.120	20.68	0.117	20.79	0.120
10	16QAM	25	25	20.74	0.119	20.87	0.122	20.73	0.118
10	16QAM	50	0	20.75	0.119	20.78	0.120	20.59	0.115
10	64QAM	1	0	21.67	0.147	21.81	0.152	21.82	0.152
10	64QAM	1	25	21.77	0.150	21.83	0.152	21.79	0.151
10	64QAM	1	49	21.82	0.152	21.79	0.151	21.63	0.146
10	64QAM	25	0	20.87	0.122	21.01	0.126	20.92	0.124
10	64QAM	25	12	20.82	0.121	20.92	0.124	20.99	0.126
10	64QAM	25	25	20.80	0.120	20.73	0.118	20.67	0.117
10	64QAM	50	0	20.88	0.122	20.84	0.121	20.78	0.120



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	22.79	0.190	22.75	0.188	22.71	0.187
5	QPSK	1	12	22.60	0.182	22.54	0.179	22.64	0.184
5	QPSK	1	24	22.55	0.180	22.65	0.184	22.68	0.185
5	QPSK	12	0	21.87	0.154	21.97	0.157	21.87	0.154
5	QPSK	12	7	21.73	0.149	21.73	0.149	21.81	0.152
5	QPSK	12	13	21.75	0.150	21.72	0.149	21.80	0.151
5	QPSK	25	0	21.61	0.145	21.77	0.150	21.71	0.148
5	16QAM	1	0	21.91	0.155	21.87	0.154	21.87	0.154
5	16QAM	1	12	21.68	0.147	21.86	0.153	21.88	0.154
5	16QAM	1	24	21.74	0.149	21.84	0.153	21.74	0.149
5	16QAM	12	0	20.62	0.115	20.86	0.122	20.89	0.123
5	16QAM	12	7	20.69	0.117	20.66	0.116	20.57	0.114
5	16QAM	12	13	20.64	0.116	20.81	0.121	20.84	0.121
5	16QAM	25	0	20.81	0.121	20.78	0.120	20.62	0.115
5	64QAM	1	0	21.77	0.150	21.94	0.156	21.67	0.147
5	64QAM	1	12	21.89	0.155	21.97	0.157	21.77	0.150
5	64QAM	1	24	21.78	0.151	21.65	0.146	21.63	0.146
5	64QAM	12	0	20.81	0.121	20.91	0.123	20.90	0.123
5	64QAM	12	7	20.86	0.122	20.76	0.119	20.74	0.119
5	64QAM	12	13	20.74	0.119	20.65	0.116	20.75	0.119
5	64QAM	25	0	20.85	0.122	20.88	0.122	20.69	0.117



LTE Band 18				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23965		23970		23975	
Frequency (MHz)				826.5		827		827.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	21.20	0.132	21.24	0.133	21.25	0.133
5	QPSK	1	12	21.43	0.139	20.80	0.120	21.45	0.140
5	QPSK	1	24	21.36	0.137	21.15	0.130	21.29	0.135
5	QPSK	12	0	20.50	0.112	20.24	0.106	20.42	0.110
5	QPSK	12	7	20.41	0.110	20.44	0.111	20.30	0.107
5	QPSK	12	13	20.18	0.104	20.28	0.107	20.24	0.106
5	QPSK	25	0	20.41	0.110	20.25	0.106	20.46	0.111
5	16QAM	1	0	20.66	0.116	20.71	0.118	20.59	0.115
5	16QAM	1	12	20.62	0.115	20.51	0.112	20.53	0.113
5	16QAM	1	24	20.52	0.113	20.40	0.110	20.40	0.110
5	16QAM	12	0	19.33	0.086	19.39	0.087	19.35	0.086
5	16QAM	12	7	19.24	0.084	19.19	0.083	19.40	0.087
5	16QAM	12	13	19.44	0.088	19.49	0.089	19.44	0.088
5	16QAM	25	0	19.38	0.087	19.39	0.087	19.41	0.087
5	64QAM	1	0	20.20	0.105	20.36	0.109	20.36	0.109
5	64QAM	1	12	20.60	0.115	20.33	0.108	20.46	0.111
5	64QAM	1	24	20.48	0.112	20.08	0.102	20.22	0.105
5	64QAM	12	0	19.34	0.086	19.19	0.083	19.26	0.084
5	64QAM	12	7	19.43	0.088	19.25	0.084	19.33	0.086
5	64QAM	12	13	19.25	0.084	19.33	0.086	19.39	0.087
5	64QAM	25	0	19.43	0.088	19.26	0.084	19.28	0.085



LTE Band 19				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				/		24075		/	
Frequency (MHz)				/		837.5		/	
				/	/	dbm	W	/	/
15	QPSK	1	0	/	/	21.51	0.142	/	/
15	QPSK	1	37	/	/	21.45	0.140	/	/
15	QPSK	1	74	/	/	21.48	0.141	/	/
15	QPSK	36	0	/	/	20.57	0.114	/	/
15	QPSK	36	20	/	/	20.55	0.114	/	/
15	QPSK	36	39	/	/	20.48	0.112	/	/
15	QPSK	75	0	/	/	20.54	0.113	/	/
15	16QAM	1	0	/	/	20.58	0.114	/	/
15	16QAM	1	37	/	/	20.51	0.112	/	/
15	16QAM	1	74	/	/	20.53	0.113	/	/
15	16QAM	36	0	/	/	19.61	0.091	/	/
15	16QAM	36	20	/	/	19.57	0.091	/	/
15	16QAM	36	39	/	/	19.48	0.089	/	/
15	16QAM	75	0	/	/	19.52	0.090	/	/
15	64QAM	1	0	/	/	20.64	0.116	/	/
15	64QAM	1	37	/	/	20.58	0.114	/	/
15	64QAM	1	74	/	/	20.53	0.113	/	/
15	64QAM	36	0	/	/	19.60	0.091	/	/
15	64QAM	36	20	/	/	19.51	0.089	/	/
15	64QAM	36	39	/	/	19.54	0.090	/	/
15	64QAM	75	0	/	/	19.52	0.090	/	/



LTE Band 19				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				24050		24075		24100	
Frequency (MHz)				835		837.5		840	
				dbm	W	dbm	W	dbm	W
10	QPSK	1	0	22.49	0.177	22.56	0.180	22.50	0.178
10	QPSK	1	25	22.24	0.167	22.29	0.169	22.28	0.169
10	QPSK	1	49	22.51	0.178	22.48	0.177	22.33	0.171
10	QPSK	25	0	21.65	0.146	21.68	0.147	21.64	0.146
10	QPSK	25	12	21.45	0.140	21.51	0.142	21.56	0.143
10	QPSK	25	25	21.56	0.143	21.45	0.140	21.63	0.146
10	QPSK	50	0	21.54	0.143	21.57	0.144	21.53	0.142
10	16QAM	1	0	21.53	0.142	21.56	0.143	21.49	0.141
10	16QAM	1	25	21.56	0.143	21.50	0.141	21.66	0.147
10	16QAM	1	49	21.49	0.141	21.64	0.146	21.45	0.140
10	16QAM	25	0	20.40	0.110	20.58	0.114	20.41	0.110
10	16QAM	25	12	20.48	0.112	20.49	0.112	20.32	0.108
10	16QAM	25	25	20.55	0.114	20.56	0.114	20.34	0.108
10	16QAM	50	0	20.52	0.113	20.57	0.114	20.40	0.110
10	64QAM	1	0	21.38	0.137	21.54	0.143	21.50	0.141
10	64QAM	1	12	21.49	0.141	21.51	0.142	21.34	0.136
10	64QAM	1	24	21.54	0.143	21.57	0.144	21.42	0.139
10	64QAM	12	0	20.55	0.114	20.77	0.119	20.53	0.113
10	64QAM	12	7	20.44	0.111	20.57	0.114	20.59	0.115
10	64QAM	12	13	20.51	0.112	20.46	0.111	20.57	0.114
10	64QAM	25	0	20.53	0.113	20.51	0.112	20.47	0.111



LTE Band 19				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				24025		24075		24125	
Frequency (MHz)				832.5		837.5		842.5	
				dbm	W	dbm	W	dbm	W
5	QPSK	1	0	22.51	0.178	22.55	0.180	22.45	0.176
5	QPSK	1	12	22.41	0.174	22.35	0.172	22.39	0.173
5	QPSK	1	24	22.47	0.177	22.33	0.171	22.44	0.175
5	QPSK	12	0	21.42	0.139	21.67	0.147	21.54	0.143
5	QPSK	12	7	21.50	0.141	21.50	0.141	21.46	0.140
5	QPSK	12	13	21.45	0.140	21.35	0.136	21.50	0.141
5	QPSK	25	0	21.44	0.139	21.43	0.139	21.40	0.138
5	16QAM	1	0	21.67	0.147	21.68	0.147	21.41	0.138
5	16QAM	1	12	21.43	0.139	21.55	0.143	21.50	0.141
5	16QAM	1	24	21.60	0.145	21.63	0.146	21.50	0.141
5	16QAM	12	0	20.48	0.112	20.55	0.114	20.42	0.110
5	16QAM	12	7	20.40	0.110	20.53	0.113	20.35	0.108
5	16QAM	12	13	20.43	0.110	20.42	0.110	20.43	0.110
5	16QAM	25	0	20.47	0.111	20.52	0.113	20.50	0.112
5	64QAM	1	0	21.51	0.142	21.53	0.142	21.44	0.139
5	64QAM	1	12	21.47	0.140	21.68	0.147	21.41	0.138
5	64QAM	1	24	21.46	0.140	21.56	0.143	21.38	0.137
5	64QAM	12	0	20.50	0.112	20.61	0.115	20.61	0.115
5	64QAM	12	7	20.53	0.113	20.60	0.115	20.51	0.112
5	64QAM	12	13	20.56	0.114	20.59	0.115	20.47	0.111
5	64QAM	25	0	20.65	0.116	20.44	0.111	20.39	0.109



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	27.47	0.558	27.60	0.575	27.56	0.570
20	QPSK	1	49	27.43	0.553	27.48	0.560	27.49	0.561
20	QPSK	1	99	27.41	0.551	27.40	0.550	27.44	0.555
20	QPSK	50	0	26.54	0.451	26.69	0.467	26.63	0.460
20	QPSK	50	24	26.38	0.435	26.48	0.445	26.49	0.446
20	QPSK	50	50	26.48	0.445	26.51	0.448	26.53	0.450
20	QPSK	100	0	26.45	0.442	26.66	0.463	26.64	0.461
20	16QAM	1	0	26.52	0.449	26.76	0.474	26.53	0.450
20	16QAM	1	49	26.52	0.449	26.51	0.448	26.67	0.465
20	16QAM	1	99	26.64	0.461	26.54	0.451	26.39	0.436
20	16QAM	50	0	25.49	0.354	25.58	0.361	25.58	0.361
20	16QAM	50	24	25.48	0.353	25.53	0.357	25.37	0.344
20	16QAM	50	50	25.51	0.356	25.62	0.365	25.43	0.349
20	16QAM	100	0	25.56	0.360	25.41	0.348	25.35	0.343
20	64QAM	1	0	26.40	0.437	26.51	0.448	26.55	0.452
20	64QAM	1	49	26.53	0.450	26.69	0.467	26.57	0.454
20	64QAM	1	99	26.64	0.461	26.48	0.445	26.54	0.451
20	64QAM	50	0	25.59	0.362	25.77	0.378	25.55	0.359
20	64QAM	50	24	25.64	0.366	25.68	0.370	25.54	0.358
20	64QAM	50	50	25.47	0.352	25.63	0.366	25.42	0.348
20	64QAM	100	0	25.55	0.359	25.49	0.354	25.58	0.361



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	27.52	0.565	27.56	0.570	27.48	0.560
15	QPSK	1	37	27.37	0.546	27.43	0.553	27.45	0.556
15	QPSK	1	74	27.35	0.543	27.50	0.562	27.48	0.560
15	QPSK	36	0	26.44	0.441	26.57	0.454	26.66	0.463
15	QPSK	36	20	26.42	0.439	26.52	0.449	26.62	0.459
15	QPSK	36	39	26.48	0.445	26.49	0.446	26.51	0.448
15	QPSK	75	0	26.40	0.437	26.65	0.462	26.45	0.442
15	16QAM	1	0	26.52	0.449	26.74	0.472	26.56	0.453
15	16QAM	1	37	26.63	0.460	26.60	0.457	26.58	0.455
15	16QAM	1	74	26.46	0.443	26.49	0.446	26.58	0.455
15	16QAM	36	0	25.48	0.353	25.50	0.355	25.44	0.350
15	16QAM	36	20	25.37	0.344	25.40	0.347	25.52	0.356
15	16QAM	36	39	25.61	0.364	25.65	0.367	25.53	0.357
15	16QAM	75	0	25.42	0.348	25.42	0.348	25.33	0.341
15	64QAM	1	0	26.41	0.438	26.57	0.454	26.63	0.460
15	64QAM	1	37	26.57	0.454	26.67	0.465	26.56	0.453
15	64QAM	1	74	26.57	0.454	26.49	0.446	26.45	0.442
15	64QAM	36	0	25.58	0.361	25.82	0.382	25.76	0.377
15	64QAM	36	20	25.40	0.347	25.66	0.368	25.63	0.366
15	64QAM	36	39	25.47	0.352	25.49	0.354	25.54	0.358
15	64QAM	75	0	25.68	0.370	25.54	0.358	25.66	0.368



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	27.53	0.566	27.57	0.571	27.47	0.558
10	QPSK	1	25	27.41	0.551	27.43	0.553	27.49	0.561
10	QPSK	1	49	27.43	0.553	27.35	0.543	27.39	0.548
10	QPSK	25	0	26.46	0.443	26.65	0.462	26.59	0.456
10	QPSK	25	12	26.58	0.455	26.65	0.462	26.50	0.447
10	QPSK	25	25	26.40	0.437	26.55	0.452	26.57	0.454
10	QPSK	50	0	26.43	0.440	26.49	0.446	26.59	0.456
10	16QAM	1	0	26.56	0.453	26.65	0.462	26.55	0.452
10	16QAM	1	25	26.41	0.438	26.67	0.465	26.75	0.473
10	16QAM	1	49	26.63	0.460	26.59	0.456	26.49	0.446
10	16QAM	25	0	25.53	0.357	25.55	0.359	25.45	0.351
10	16QAM	25	12	25.61	0.364	25.40	0.347	25.36	0.344
10	16QAM	25	25	25.49	0.354	25.48	0.353	25.36	0.344
10	16QAM	50	0	25.45	0.351	25.50	0.355	25.49	0.354
10	64QAM	1	0	26.41	0.438	26.58	0.455	26.40	0.437
10	64QAM	1	25	26.55	0.452	26.70	0.468	26.42	0.439
10	64QAM	1	49	26.52	0.449	26.38	0.435	26.54	0.451
10	64QAM	25	0	25.62	0.365	25.81	0.381	25.57	0.361
10	64QAM	25	12	25.47	0.352	25.59	0.362	25.55	0.359
10	64QAM	25	25	25.56	0.360	25.60	0.363	25.56	0.360
10	64QAM	50	0	25.66	0.368	25.45	0.351	25.56	0.360



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	27.45	0.556	27.54	0.568	27.50	0.562
5	QPSK	1	12	27.24	0.530	27.43	0.553	27.42	0.552
5	QPSK	1	24	27.42	0.552	27.50	0.562	27.34	0.542
5	QPSK	12	0	26.42	0.439	26.64	0.461	26.51	0.448
5	QPSK	12	7	26.46	0.443	26.66	0.463	26.42	0.439
5	QPSK	12	13	26.59	0.456	26.58	0.455	26.47	0.444
5	QPSK	25	0	26.47	0.444	26.49	0.446	26.59	0.456
5	16QAM	1	0	26.74	0.472	26.82	0.481	26.65	0.462
5	16QAM	1	12	26.49	0.446	26.60	0.457	26.57	0.454
5	16QAM	1	24	26.47	0.444	26.48	0.445	26.54	0.451
5	16QAM	12	0	25.59	0.362	25.66	0.368	25.47	0.352
5	16QAM	12	7	25.38	0.345	25.53	0.357	25.36	0.344
5	16QAM	12	13	25.46	0.352	25.49	0.354	25.42	0.348
5	16QAM	25	0	25.38	0.345	25.56	0.360	25.38	0.345
5	64QAM	1	0	26.59	0.456	26.58	0.455	26.47	0.444
5	64QAM	1	12	26.60	0.457	26.60	0.457	26.40	0.437
5	64QAM	1	24	26.64	0.461	26.45	0.442	26.38	0.435
5	64QAM	12	0	25.57	0.361	25.64	0.366	25.57	0.361
5	64QAM	12	7	25.39	0.346	25.49	0.354	25.53	0.357
5	64QAM	12	13	25.43	0.349	25.42	0.348	25.38	0.345
5	64QAM	25	0	25.53	0.357	25.65	0.367	25.55	0.359



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	27.47	0.558	27.53	0.566	27.51	0.564
3	QPSK	1	8	27.36	0.545	27.50	0.562	27.36	0.545
3	QPSK	1	14	27.33	0.541	27.42	0.552	27.34	0.542
3	QPSK	8	0	26.64	0.461	26.79	0.478	26.52	0.449
3	QPSK	8	4	26.53	0.450	26.59	0.456	26.58	0.455
3	QPSK	8	7	26.53	0.450	26.37	0.434	26.57	0.454
3	QPSK	15	0	26.52	0.449	26.43	0.440	26.61	0.458
3	16QAM	1	0	26.52	0.449	26.67	0.465	26.50	0.447
3	16QAM	1	8	26.46	0.443	26.68	0.466	26.60	0.457
3	16QAM	1	14	26.62	0.459	26.57	0.454	26.53	0.450
3	16QAM	8	0	25.39	0.346	25.61	0.364	25.43	0.349
3	16QAM	8	4	25.60	0.363	25.55	0.359	25.50	0.355
3	16QAM	8	7	25.64	0.366	25.61	0.364	25.44	0.350
3	16QAM	15	0	25.49	0.354	25.41	0.348	25.57	0.361
3	64QAM	1	0	26.43	0.440	26.75	0.473	26.48	0.445
3	64QAM	1	8	26.60	0.457	26.72	0.470	26.50	0.447
3	64QAM	1	14	26.59	0.456	26.47	0.444	26.56	0.453
3	64QAM	8	0	25.74	0.375	25.77	0.378	25.56	0.360
3	64QAM	8	4	25.49	0.354	25.69	0.371	25.71	0.372
3	64QAM	8	7	25.53	0.357	25.45	0.351	25.57	0.361
3	64QAM	15	0	25.45	0.351	25.57	0.361	25.53	0.357



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	27.50	0.562	27.55	0.569	27.47	0.558
1.4	QPSK	1	3	27.46	0.557	27.41	0.551	27.40	0.550
1.4	QPSK	1	5	27.40	0.550	27.42	0.552	27.33	0.541
1.4	QPSK	3	0	26.48	0.445	26.57	0.454	26.63	0.460
1.4	QPSK	3	1	26.38	0.435	26.56	0.453	26.50	0.447
1.4	QPSK	3	3	26.54	0.451	26.57	0.454	26.58	0.455
1.4	QPSK	6	0	26.38	0.435	26.58	0.455	26.63	0.460
1.4	16QAM	1	0	26.57	0.454	26.67	0.465	26.60	0.457
1.4	16QAM	1	3	26.57	0.454	26.73	0.471	26.65	0.462
1.4	16QAM	1	5	26.60	0.457	26.55	0.452	26.49	0.446
1.4	16QAM	3	0	25.41	0.348	25.64	0.366	25.51	0.356
1.4	16QAM	3	1	25.39	0.346	25.41	0.348	25.40	0.347
1.4	16QAM	3	3	25.47	0.352	25.57	0.361	25.46	0.352
1.4	16QAM	6	0	25.47	0.352	25.42	0.348	25.34	0.342
1.4	64QAM	1	0	26.64	0.461	26.62	0.459	26.43	0.440
1.4	64QAM	1	3	26.70	0.468	26.68	0.466	26.48	0.445
1.4	64QAM	1	5	26.51	0.448	26.54	0.451	26.62	0.459
1.4	64QAM	3	0	25.71	0.372	25.63	0.366	25.57	0.361
1.4	64QAM	3	1	25.54	0.358	25.64	0.366	25.66	0.368
1.4	64QAM	3	3	25.35	0.343	25.53	0.357	25.54	0.358
1.4	64QAM	6	0	25.56	0.360	25.70	0.372	25.47	0.352



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	22.31	0.170	21.93	0.156	22.16	0.164
15	QPSK	1	37	22.28	0.169	22.30	0.170	21.90	0.155
15	QPSK	1	74	22.35	0.172	22.50	0.178	22.37	0.173
15	QPSK	36	0	21.55	0.143	21.49	0.141	21.91	0.155
15	QPSK	36	20	21.61	0.145	21.58	0.144	21.88	0.154
15	QPSK	36	39	21.53	0.142	21.61	0.145	21.69	0.148
15	QPSK	75	0	21.60	0.145	21.25	0.133	20.75	0.119
15	16QAM	1	0	21.72	0.149	21.65	0.146	22.01	0.159
15	16QAM	1	37	21.50	0.141	21.71	0.148	21.71	0.148
15	16QAM	1	74	21.47	0.140	21.68	0.147	21.58	0.144
15	16QAM	36	0	20.51	0.112	20.90	0.123	20.24	0.106
15	16QAM	36	20	20.21	0.105	20.01	0.100	19.28	0.085
15	16QAM	36	39	20.50	0.112	20.44	0.111	20.86	0.122
15	16QAM	75	0	20.67	0.117	19.83	0.096	20.46	0.111
15	64QAM	1	0	21.23	0.133	21.54	0.143	21.30	0.135
15	64QAM	1	37	21.21	0.132	21.38	0.137	21.79	0.151
15	64QAM	1	74	20.73	0.118	21.47	0.140	20.76	0.119
15	64QAM	36	0	20.26	0.106	20.29	0.107	19.17	0.083
15	64QAM	36	20	20.33	0.108	20.86	0.122	20.04	0.101
15	64QAM	36	39	20.18	0.104	20.26	0.106	20.92	0.124
15	64QAM	75	0	20.69	0.117	19.31	0.085	20.59	0.115



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	22.03	0.160	22.63	0.183	22.36	0.172
10	QPSK	1	25	22.34	0.171	22.55	0.180	22.37	0.173
10	QPSK	1	49	22.09	0.162	22.40	0.174	22.38	0.173
10	QPSK	25	0	21.57	0.144	21.14	0.130	21.86	0.153
10	QPSK	25	12	21.55	0.143	21.66	0.147	19.13	0.082
10	QPSK	25	25	21.43	0.139	21.63	0.146	21.79	0.151
10	QPSK	50	0	21.54	0.143	21.55	0.143	21.46	0.140
10	16QAM	1	0	21.65	0.146	21.53	0.142	21.31	0.135
10	16QAM	1	25	22.03	0.160	21.79	0.151	21.84	0.153
10	16QAM	1	49	21.69	0.148	21.89	0.155	21.56	0.143
10	16QAM	25	0	20.49	0.112	20.72	0.118	20.36	0.109
10	16QAM	25	12	20.75	0.119	20.15	0.104	21.31	0.135
10	16QAM	25	25	20.77	0.119	20.42	0.110	21.03	0.127
10	16QAM	50	0	20.48	0.112	19.94	0.099	20.86	0.122
10	64QAM	1	0	21.17	0.131	21.55	0.143	21.44	0.139
10	64QAM	1	25	21.78	0.151	21.53	0.142	21.62	0.145
10	64QAM	1	49	21.88	0.154	21.66	0.147	21.26	0.134
10	64QAM	25	0	20.69	0.117	20.50	0.112	20.84	0.121
10	64QAM	25	12	20.58	0.114	20.06	0.101	20.78	0.120
10	64QAM	25	25	20.80	0.120	20.31	0.107	20.97	0.125
10	64QAM	50	0	20.42	0.110	20.38	0.109	20.87	0.122



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	22.21	0.166	21.76	0.150	21.87	0.154
5	QPSK	1	12	22.14	0.164	22.61	0.182	22.06	0.161
5	QPSK	1	24	22.36	0.172	21.86	0.153	21.93	0.156
5	QPSK	12	0	21.52	0.142	21.58	0.144	22.06	0.161
5	QPSK	12	7	21.37	0.137	21.32	0.136	21.81	0.152
5	QPSK	12	13	21.28	0.134	21.57	0.144	21.62	0.145
5	QPSK	25	0	21.48	0.141	21.59	0.144	21.56	0.143
5	16QAM	1	0	21.47	0.140	21.72	0.149	22.13	0.163
5	16QAM	1	12	21.64	0.146	21.03	0.127	21.97	0.157
5	16QAM	1	24	21.60	0.145	21.32	0.136	21.26	0.134
5	16QAM	12	0	20.48	0.112	20.31	0.107	21.02	0.126
5	16QAM	12	7	20.16	0.104	20.00	0.100	20.79	0.120
5	16QAM	12	13	19.49	0.089	20.52	0.113	20.88	0.122
5	16QAM	25	0	20.53	0.113	20.72	0.118	20.92	0.124
5	64QAM	1	0	21.23	0.133	21.53	0.142	21.71	0.148
5	64QAM	1	12	21.53	0.142	21.14	0.130	21.71	0.148
5	64QAM	1	24	21.07	0.128	21.58	0.144	21.03	0.127
5	64QAM	12	0	20.39	0.109	19.91	0.098	20.95	0.124
5	64QAM	12	7	20.28	0.107	19.75	0.094	20.85	0.122
5	64QAM	12	13	19.04	0.080	20.30	0.107	20.38	0.109
5	64QAM	25	0	20.28	0.107	20.25	0.106	20.73	0.118



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	22.45	0.176	22.59	0.182	22.17	0.165
3	QPSK	1	8	22.07	0.161	22.30	0.170	22.25	0.168
3	QPSK	1	14	21.95	0.157	22.37	0.173	22.30	0.170
3	QPSK	8	0	21.36	0.137	21.24	0.133	22.33	0.171
3	QPSK	8	4	21.16	0.131	21.46	0.140	21.28	0.134
3	QPSK	8	7	21.45	0.140	21.56	0.143	21.50	0.141
3	QPSK	15	0	20.93	0.124	21.48	0.141	21.74	0.149
3	16QAM	1	0	21.30	0.135	21.44	0.139	21.35	0.136
3	16QAM	1	8	21.53	0.142	21.16	0.131	21.62	0.145
3	16QAM	1	14	21.65	0.146	21.69	0.148	21.82	0.152
3	16QAM	8	0	20.68	0.117	18.88	0.077	20.76	0.119
3	16QAM	8	4	20.74	0.119	20.39	0.109	20.72	0.118
3	16QAM	8	7	19.78	0.095	19.71	0.094	20.56	0.114
3	16QAM	15	0	20.70	0.117	19.99	0.100	20.91	0.123
3	64QAM	1	0	20.78	0.120	21.38	0.137	21.78	0.151
3	64QAM	1	8	21.61	0.145	21.23	0.133	21.41	0.138
3	64QAM	1	14	21.16	0.131	21.22	0.132	21.13	0.130
3	64QAM	8	0	20.76	0.119	20.61	0.115	20.88	0.122
3	64QAM	8	4	20.63	0.116	19.11	0.081	20.73	0.118
3	64QAM	8	7	20.54	0.113	19.93	0.098	20.69	0.117
3	64QAM	15	0	20.67	0.117	20.89	0.123	20.82	0.121



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	22.51	0.178	22.18	0.165	22.30	0.170
1.4	QPSK	1	3	22.19	0.166	22.29	0.169	22.56	0.180
1.4	QPSK	1	5	22.43	0.175	22.38	0.173	21.97	0.157
1.4	QPSK	3	0	22.35	0.172	22.02	0.159	21.91	0.155
1.4	QPSK	3	1	22.61	0.182	22.26	0.168	22.08	0.161
1.4	QPSK	3	3	21.91	0.155	22.68	0.185	22.02	0.159
1.4	QPSK	6	0	21.47	0.140	21.52	0.142	21.45	0.140
1.4	16QAM	1	0	21.62	0.145	21.92	0.156	21.36	0.137
1.4	16QAM	1	3	21.18	0.131	21.99	0.158	21.87	0.154
1.4	16QAM	1	5	21.42	0.139	21.63	0.146	22.10	0.162
1.4	16QAM	3	0	21.69	0.148	21.49	0.141	21.19	0.132
1.4	16QAM	3	1	21.30	0.135	21.52	0.142	21.36	0.137
1.4	16QAM	3	3	21.61	0.145	21.43	0.139	21.71	0.148
1.4	16QAM	6	0	20.36	0.109	20.46	0.111	21.38	0.137
1.4	64QAM	1	0	21.36	0.137	21.54	0.143	21.59	0.144
1.4	64QAM	1	3	21.30	0.135	21.88	0.154	21.76	0.150
1.4	64QAM	1	5	21.24	0.133	21.45	0.140	21.69	0.148
1.4	64QAM	3	0	21.35	0.136	21.63	0.146	21.86	0.153
1.4	64QAM	3	1	21.32	0.136	21.36	0.137	20.80	0.120
1.4	64QAM	3	3	21.45	0.140	21.26	0.134	20.84	0.121
1.4	64QAM	6	0	20.58	0.114	20.18	0.104	20.80	0.120



LTE Band 30				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				/		27710		/	
Frequency (MHz)				/		2310		/	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	/	/	26.04	0.402	/	/
10	QPSK	1	25	/	/	25.97	0.395	/	/
10	QPSK	1	49	/	/	25.95	0.394	/	/
10	QPSK	25	0	/	/	24.99	0.316	/	/
10	QPSK	25	12	/	/	24.92	0.310	/	/
10	QPSK	25	25	/	/	24.87	0.307	/	/
10	QPSK	50	0	/	/	24.89	0.308	/	/
10	16QAM	1	0	/	/	25.11	0.324	/	/
10	16QAM	1	25	/	/	25.06	0.321	/	/
10	16QAM	1	49	/	/	24.84	0.305	/	/
10	16QAM	25	0	/	/	23.85	0.243	/	/
10	16QAM	25	12	/	/	23.77	0.238	/	/
10	16QAM	25	25	/	/	23.87	0.244	/	/
10	16QAM	50	0	/	/	24.00	0.251	/	/
10	64QAM	1	0	/	/	25.02	0.318	/	/
10	64QAM	1	25	/	/	24.92	0.310	/	/
10	64QAM	1	49	/	/	24.87	0.307	/	/
10	64QAM	25	0	/	/	24.06	0.255	/	/
10	64QAM	25	12	/	/	23.85	0.243	/	/
10	64QAM	25	25	/	/	23.94	0.248	/	/
10	64QAM	50	0	/	/	23.85	0.243	/	/



LTE Band 30				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				27685		27710		27735	
Frequency (MHz)				2307.5		2310		2312.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	25.94	0.393	25.99	0.397	25.89	0.388
5	QPSK	1	12	25.88	0.387	25.86	0.385	25.82	0.382
5	QPSK	1	24	25.80	0.380	25.81	0.381	25.90	0.389
5	QPSK	12	0	24.76	0.299	24.90	0.309	25.02	0.318
5	QPSK	12	7	24.69	0.294	24.82	0.303	24.84	0.305
5	QPSK	12	13	24.69	0.294	24.80	0.302	24.84	0.305
5	QPSK	25	0	24.68	0.294	24.99	0.316	24.94	0.312
5	16QAM	1	0	24.95	0.313	25.02	0.318	24.80	0.302
5	16QAM	1	12	24.78	0.301	24.95	0.313	24.93	0.311
5	16QAM	1	24	24.86	0.306	24.86	0.306	24.81	0.303
5	16QAM	12	0	23.88	0.244	23.86	0.243	23.82	0.241
5	16QAM	12	7	23.79	0.239	23.74	0.237	23.68	0.233
5	16QAM	12	13	23.91	0.246	23.90	0.245	23.71	0.235
5	16QAM	25	0	23.79	0.239	23.85	0.243	23.73	0.236
5	64QAM	1	0	24.78	0.301	24.85	0.305	24.74	0.298
5	64QAM	1	12	24.95	0.313	24.97	0.314	24.83	0.304
5	64QAM	1	24	24.90	0.309	24.76	0.299	24.85	0.305
5	64QAM	12	0	24.02	0.252	24.09	0.256	23.97	0.249
5	64QAM	12	7	23.86	0.243	23.99	0.251	23.98	0.250
5	64QAM	12	13	23.74	0.237	23.77	0.238	23.89	0.245
5	64QAM	25	0	23.92	0.247	23.82	0.241	23.90	0.245



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	29.74	0.942	29.85	0.966	29.89	0.975
20	QPSK	1	49	29.79	0.953	29.78	0.951	29.75	0.944
20	QPSK	1	99	29.86	0.968	29.83	0.962	29.80	0.955
20	QPSK	50	0	28.85	0.767	28.94	0.783	28.95	0.785
20	QPSK	50	24	28.90	0.776	28.88	0.773	28.89	0.774
20	QPSK	50	50	28.93	0.782	28.86	0.769	28.84	0.766
20	QPSK	100	0	28.81	0.760	28.89	0.774	28.91	0.778
20	16QAM	1	0	29.03	0.800	29.05	0.804	29.13	0.818
20	16QAM	1	49	28.92	0.780	28.91	0.778	28.84	0.766
20	16QAM	1	99	28.92	0.780	28.89	0.774	28.97	0.789
20	16QAM	50	0	27.95	0.624	27.98	0.628	27.89	0.615
20	16QAM	50	24	27.93	0.621	27.96	0.625	27.73	0.593
20	16QAM	50	50	27.75	0.596	28.00	0.631	27.85	0.610
20	16QAM	100	0	27.70	0.589	27.76	0.597	27.98	0.628
20	64QAM	1	0	28.82	0.762	29.10	0.813	28.98	0.791
20	64QAM	1	49	28.85	0.767	28.85	0.767	28.96	0.787
20	64QAM	1	99	28.96	0.787	28.85	0.767	28.81	0.760
20	64QAM	50	0	28.11	0.647	28.02	0.634	28.05	0.638
20	64QAM	50	24	27.94	0.622	27.95	0.624	27.86	0.611
20	64QAM	50	50	27.81	0.604	27.88	0.614	27.91	0.618
20	64QAM	100	0	27.84	0.608	27.88	0.614	28.00	0.631



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	29.78	0.951	29.79	0.953	29.86	0.968
15	QPSK	1	37	29.72	0.938	29.76	0.946	29.73	0.940
15	QPSK	1	74	29.69	0.931	29.72	0.938	29.85	0.966
15	QPSK	36	0	28.80	0.759	28.96	0.787	28.93	0.782
15	QPSK	36	20	28.75	0.750	29.01	0.796	29.02	0.798
15	QPSK	36	39	28.93	0.782	28.74	0.748	28.77	0.753
15	QPSK	75	0	28.91	0.778	28.96	0.787	28.80	0.759
15	16QAM	1	0	28.95	0.785	29.15	0.822	28.94	0.783
15	16QAM	1	37	28.84	0.766	28.96	0.787	28.98	0.791
15	16QAM	1	74	28.82	0.762	28.92	0.780	29.01	0.796
15	16QAM	36	0	27.78	0.600	27.95	0.624	28.01	0.632
15	16QAM	36	20	27.96	0.625	27.92	0.619	27.96	0.625
15	16QAM	36	39	27.92	0.619	28.03	0.635	27.88	0.614
15	16QAM	75	0	27.77	0.598	27.76	0.597	27.77	0.598
15	64QAM	1	0	28.84	0.766	28.90	0.776	28.98	0.791
15	64QAM	1	37	29.05	0.804	28.97	0.789	28.97	0.789
15	64QAM	1	74	28.76	0.752	28.88	0.773	28.89	0.774
15	64QAM	36	0	27.90	0.617	28.05	0.638	28.03	0.635
15	64QAM	36	20	27.89	0.615	27.87	0.612	28.01	0.632
15	64QAM	36	39	27.83	0.607	27.77	0.598	27.85	0.610
15	64QAM	75	0	27.96	0.625	27.90	0.617	27.92	0.619



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	29.76	0.946	29.82	0.959	29.84	0.964
10	QPSK	1	25	29.73	0.940	29.76	0.946	29.73	0.940
10	QPSK	1	49	29.79	0.953	29.77	0.948	29.70	0.933
10	QPSK	25	0	28.77	0.753	28.91	0.778	29.10	0.813
10	QPSK	25	12	28.82	0.762	28.92	0.780	29.04	0.802
10	QPSK	25	25	28.81	0.760	28.73	0.746	28.80	0.759
10	QPSK	50	0	28.70	0.741	28.87	0.771	28.94	0.783
10	16QAM	1	0	28.97	0.789	29.17	0.826	28.95	0.785
10	16QAM	1	25	28.94	0.783	28.94	0.783	29.06	0.805
10	16QAM	1	49	28.94	0.783	28.82	0.762	28.81	0.760
10	16QAM	25	0	27.94	0.622	27.94	0.622	27.88	0.614
10	16QAM	25	12	27.75	0.596	27.75	0.596	27.96	0.625
10	16QAM	25	25	27.96	0.625	27.94	0.622	27.96	0.625
10	16QAM	50	0	27.95	0.624	27.80	0.603	27.92	0.619
10	64QAM	1	0	28.78	0.755	28.93	0.782	28.89	0.774
10	64QAM	1	25	28.82	0.762	28.99	0.793	28.90	0.776
10	64QAM	1	49	28.85	0.767	28.74	0.748	28.82	0.762
10	64QAM	25	0	27.89	0.615	28.01	0.632	28.04	0.637
10	64QAM	25	12	27.74	0.594	27.91	0.618	27.91	0.618
10	64QAM	25	25	27.95	0.624	27.84	0.608	27.95	0.624
10	64QAM	50	0	27.99	0.630	28.02	0.634	27.92	0.619



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	29.70	0.933	29.81	0.957	29.85	0.966
5	QPSK	1	12	29.69	0.931	29.74	0.942	29.74	0.942
5	QPSK	1	24	29.66	0.925	29.71	0.935	29.84	0.964
5	QPSK	12	0	28.87	0.771	28.96	0.787	29.14	0.820
5	QPSK	12	7	28.81	0.760	28.96	0.787	28.87	0.771
5	QPSK	12	13	28.79	0.757	28.88	0.773	28.85	0.767
5	QPSK	25	0	28.89	0.774	28.94	0.783	28.95	0.785
5	16QAM	1	0	29.05	0.804	29.05	0.804	29.15	0.822
5	16QAM	1	12	28.76	0.752	29.06	0.805	28.92	0.780
5	16QAM	1	24	28.84	0.766	28.97	0.789	28.87	0.771
5	16QAM	12	0	27.95	0.624	27.97	0.627	28.04	0.637
5	16QAM	12	7	27.89	0.615	27.85	0.610	27.82	0.605
5	16QAM	12	13	27.90	0.617	27.89	0.615	27.93	0.621
5	16QAM	25	0	27.79	0.601	27.80	0.603	27.95	0.624
5	64QAM	1	0	28.79	0.757	29.10	0.813	29.00	0.794
5	64QAM	1	12	28.96	0.787	29.00	0.794	28.85	0.767
5	64QAM	1	24	28.77	0.753	28.92	0.780	28.90	0.776
5	64QAM	12	0	28.03	0.635	28.03	0.635	28.14	0.652
5	64QAM	12	7	27.98	0.628	27.96	0.625	27.98	0.628
5	64QAM	12	13	27.88	0.614	27.90	0.617	27.85	0.610
5	64QAM	25	0	27.86	0.611	27.89	0.615	27.84	0.608



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	27.58	0.573	27.67	0.585	27.70	0.589
20	QPSK	1	49	27.42	0.552	27.45	0.556	27.49	0.561
20	QPSK	1	99	27.46	0.557	27.45	0.556	27.60	0.575
20	QPSK	50	0	26.67	0.465	26.76	0.474	26.79	0.478
20	QPSK	50	24	26.55	0.452	26.67	0.465	26.74	0.472
20	QPSK	50	50	26.48	0.445	26.64	0.461	26.48	0.445
20	QPSK	100	0	26.58	0.455	26.71	0.469	26.73	0.471
20	16QAM	1	0	26.67	0.465	26.78	0.476	26.71	0.469
20	16QAM	1	49	26.49	0.446	26.65	0.462	26.61	0.458
20	16QAM	1	99	26.66	0.463	26.55	0.452	26.59	0.456
20	16QAM	50	0	25.57	0.361	25.65	0.367	25.70	0.372
20	16QAM	50	24	25.64	0.366	25.54	0.358	25.60	0.363
20	16QAM	50	50	25.61	0.364	25.78	0.378	25.55	0.359
20	16QAM	100	0	25.62	0.365	25.73	0.374	25.59	0.362
20	64QAM	1	0	26.60	0.457	26.63	0.460	26.72	0.470
20	64QAM	1	49	26.66	0.463	26.75	0.473	26.66	0.463
20	64QAM	1	99	26.73	0.471	26.54	0.451	26.56	0.453
20	64QAM	50	0	25.64	0.366	25.76	0.377	25.92	0.391
20	64QAM	50	24	25.59	0.362	25.58	0.361	25.69	0.371
20	64QAM	50	50	25.64	0.366	25.64	0.366	25.55	0.359
20	64QAM	100	0	25.55	0.359	25.80	0.380	25.70	0.372



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	27.46	0.557	27.64	0.581	27.66	0.583
15	QPSK	1	37	27.37	0.546	27.62	0.578	27.52	0.565
15	QPSK	1	74	27.49	0.561	27.51	0.564	27.46	0.557
15	QPSK	36	0	26.56	0.453	26.74	0.472	26.66	0.463
15	QPSK	36	20	26.46	0.443	26.64	0.461	26.80	0.479
15	QPSK	36	39	26.67	0.465	26.54	0.451	26.69	0.467
15	QPSK	75	0	26.65	0.462	26.60	0.457	26.56	0.453
15	16QAM	1	0	26.63	0.460	26.85	0.484	26.79	0.478
15	16QAM	1	37	26.53	0.450	26.62	0.459	26.80	0.479
15	16QAM	1	74	26.68	0.466	26.80	0.479	26.70	0.468
15	16QAM	36	0	25.60	0.363	25.63	0.366	25.75	0.376
15	16QAM	36	20	25.53	0.357	25.57	0.361	25.60	0.363
15	16QAM	36	39	25.74	0.375	25.58	0.361	25.68	0.370
15	16QAM	75	0	25.59	0.362	25.72	0.373	25.66	0.368
15	64QAM	1	0	26.67	0.465	26.64	0.461	26.74	0.472
15	64QAM	1	37	26.59	0.456	26.66	0.463	26.83	0.482
15	64QAM	1	74	26.66	0.463	26.68	0.466	26.59	0.456
15	64QAM	36	0	25.61	0.364	25.74	0.375	25.85	0.385
15	64QAM	36	20	25.50	0.355	25.82	0.382	25.82	0.382
15	64QAM	36	39	25.70	0.372	25.69	0.371	25.71	0.372
15	64QAM	75	0	25.70	0.372	25.73	0.374	25.69	0.371



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	27.48	0.560	27.59	0.574	27.68	0.586
10	QPSK	1	25	27.36	0.545	27.50	0.562	27.57	0.571
10	QPSK	1	49	27.62	0.578	27.45	0.556	27.48	0.560
10	QPSK	25	0	26.72	0.470	26.66	0.463	26.78	0.476
10	QPSK	25	12	26.51	0.448	26.79	0.478	26.66	0.463
10	QPSK	25	25	26.46	0.443	26.46	0.443	26.68	0.466
10	QPSK	50	0	26.69	0.467	26.74	0.472	26.51	0.448
10	16QAM	1	0	26.70	0.468	26.76	0.474	26.92	0.492
10	16QAM	1	25	26.51	0.448	26.66	0.463	26.73	0.471
10	16QAM	1	49	26.71	0.469	26.56	0.453	26.63	0.460
10	16QAM	25	0	25.54	0.358	25.63	0.366	25.80	0.380
10	16QAM	25	12	25.59	0.362	25.59	0.362	25.64	0.366
10	16QAM	25	25	25.75	0.376	25.79	0.379	25.54	0.358
10	16QAM	50	0	25.70	0.372	25.51	0.356	25.76	0.377
10	64QAM	1	0	26.53	0.450	26.73	0.471	26.77	0.475
10	64QAM	1	25	26.69	0.467	26.64	0.461	26.80	0.479
10	64QAM	1	49	26.55	0.452	26.51	0.448	26.64	0.461
10	64QAM	25	0	25.76	0.377	25.86	0.385	25.71	0.372
10	64QAM	25	12	25.64	0.366	25.70	0.372	25.76	0.377
10	64QAM	25	25	25.50	0.355	25.66	0.368	25.54	0.358
10	64QAM	50	0	25.63	0.366	25.67	0.369	25.55	0.359



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	27.61	0.577	27.65	0.582	27.67	0.585
5	QPSK	1	12	27.50	0.562	27.62	0.578	27.48	0.560
5	QPSK	1	24	27.50	0.562	27.54	0.568	27.55	0.569
5	QPSK	12	0	26.75	0.473	26.89	0.489	26.90	0.490
5	QPSK	12	7	26.54	0.451	26.67	0.465	26.73	0.471
5	QPSK	12	13	26.63	0.460	26.70	0.468	26.54	0.451
5	QPSK	25	0	26.48	0.445	26.69	0.467	26.72	0.470
5	16QAM	1	0	26.68	0.466	26.91	0.491	26.90	0.490
5	16QAM	1	12	26.53	0.450	26.72	0.470	26.83	0.482
5	16QAM	1	24	26.68	0.466	26.57	0.454	26.67	0.465
5	16QAM	12	0	25.60	0.363	25.78	0.378	25.66	0.368
5	16QAM	12	7	25.61	0.364	25.63	0.366	25.47	0.352
5	16QAM	12	13	25.59	0.362	25.74	0.375	25.76	0.377
5	16QAM	25	0	25.63	0.366	25.72	0.373	25.53	0.357
5	64QAM	1	0	26.58	0.455	26.70	0.468	26.75	0.473
5	64QAM	1	12	26.63	0.460	26.67	0.465	26.71	0.469
5	64QAM	1	24	26.55	0.452	26.57	0.454	26.58	0.455
5	64QAM	12	0	25.77	0.378	25.69	0.371	25.89	0.388
5	64QAM	12	7	25.54	0.358	25.78	0.378	25.69	0.371
5	64QAM	12	13	25.56	0.360	25.58	0.361	25.60	0.363
5	64QAM	25	0	25.65	0.367	25.80	0.380	25.71	0.372



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	25.92	0.391	26.09	0.406	26.08	0.406
20	QPSK	1	49	25.74	0.375	25.87	0.386	25.97	0.395
20	QPSK	1	99	25.85	0.385	25.91	0.390	25.89	0.388
20	QPSK	50	0	25.04	0.319	25.10	0.324	25.05	0.320
20	QPSK	50	24	24.98	0.315	25.01	0.317	24.96	0.313
20	QPSK	50	50	25.00	0.316	24.93	0.311	24.97	0.314
20	QPSK	100	0	24.95	0.313	24.98	0.315	24.91	0.310
20	16QAM	1	0	25.03	0.318	25.08	0.322	24.89	0.308
20	16QAM	1	49	25.01	0.317	25.11	0.324	25.01	0.317
20	16QAM	1	99	24.96	0.313	25.03	0.318	24.97	0.314
20	16QAM	50	0	23.81	0.240	24.03	0.253	23.88	0.244
20	16QAM	50	24	23.99	0.251	23.82	0.241	23.76	0.238
20	16QAM	50	50	23.92	0.247	24.01	0.252	23.96	0.249
20	16QAM	100	0	23.98	0.250	24.01	0.252	23.99	0.251
20	64QAM	1	0	25.04	0.319	25.05	0.320	24.94	0.312
20	64QAM	1	49	25.01	0.317	24.99	0.316	24.78	0.301
20	64QAM	1	99	24.96	0.313	24.79	0.301	24.87	0.307
20	64QAM	50	0	24.02	0.252	24.13	0.259	24.11	0.258
20	64QAM	50	24	23.83	0.242	23.91	0.246	23.97	0.249
20	64QAM	50	50	23.96	0.249	23.98	0.250	23.89	0.245
20	64QAM	100	0	24.05	0.254	24.13	0.259	23.89	0.245



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	25.92	0.391	26.03	0.401	25.98	0.396
15	QPSK	1	37	25.70	0.372	25.94	0.393	25.71	0.372
15	QPSK	1	74	25.79	0.379	25.83	0.383	25.85	0.385
15	QPSK	36	0	25.06	0.321	25.09	0.323	24.96	0.313
15	QPSK	36	20	24.97	0.314	25.03	0.318	24.96	0.313
15	QPSK	36	39	24.94	0.312	24.82	0.303	24.97	0.314
15	QPSK	75	0	24.78	0.301	24.94	0.312	24.96	0.313
15	16QAM	1	0	25.13	0.326	25.14	0.327	25.08	0.322
15	16QAM	1	37	24.90	0.309	24.94	0.312	25.09	0.323
15	16QAM	1	74	25.09	0.323	25.03	0.318	24.88	0.308
15	16QAM	36	0	23.98	0.250	23.93	0.247	23.92	0.247
15	16QAM	36	20	23.81	0.240	23.98	0.250	23.92	0.247
15	16QAM	36	39	23.89	0.245	24.10	0.257	23.93	0.247
15	16QAM	75	0	23.90	0.245	23.91	0.246	23.79	0.239
15	64QAM	1	0	25.00	0.316	25.09	0.323	25.08	0.322
15	64QAM	1	37	25.07	0.321	25.11	0.324	24.81	0.303
15	64QAM	1	74	24.96	0.313	24.80	0.302	25.00	0.316
15	64QAM	36	0	24.13	0.259	24.14	0.259	24.15	0.260
15	64QAM	36	20	23.82	0.241	23.91	0.246	24.08	0.256
15	64QAM	36	39	23.86	0.243	23.91	0.246	23.88	0.244
15	64QAM	75	0	23.88	0.244	24.04	0.254	24.00	0.251



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	25.98	0.396	26.05	0.403	26.02	0.400
10	QPSK	1	25	25.86	0.385	25.90	0.389	25.87	0.386
10	QPSK	1	49	25.83	0.383	25.91	0.390	25.81	0.381
10	QPSK	25	0	24.94	0.312	25.14	0.327	24.95	0.313
10	QPSK	25	12	24.97	0.314	24.90	0.309	24.83	0.304
10	QPSK	25	25	25.02	0.318	24.98	0.315	24.98	0.315
10	QPSK	50	0	24.90	0.309	24.99	0.316	25.06	0.321
10	16QAM	1	0	24.99	0.316	25.20	0.331	24.93	0.311
10	16QAM	1	25	24.88	0.308	24.91	0.310	25.11	0.324
10	16QAM	1	49	25.03	0.318	25.11	0.324	24.85	0.305
10	16QAM	25	0	23.83	0.242	24.08	0.256	24.10	0.257
10	16QAM	25	12	23.95	0.248	23.90	0.245	23.90	0.245
10	16QAM	25	25	23.87	0.244	23.97	0.249	23.82	0.241
10	16QAM	50	0	24.00	0.251	23.98	0.250	24.00	0.251
10	64QAM	1	0	25.04	0.319	24.94	0.312	24.85	0.305
10	64QAM	1	25	24.98	0.315	25.08	0.322	24.96	0.313
10	64QAM	1	49	24.84	0.305	24.88	0.308	25.04	0.319
10	64QAM	25	0	24.04	0.254	24.13	0.259	24.18	0.262
10	64QAM	25	12	23.95	0.248	24.04	0.254	24.01	0.252
10	64QAM	25	25	23.89	0.245	23.90	0.245	23.95	0.248
10	64QAM	50	0	23.87	0.244	23.96	0.249	24.00	0.251



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	25.91	0.390	26.06	0.404	25.99	0.397
5	QPSK	1	12	25.72	0.373	25.82	0.382	25.85	0.385
5	QPSK	1	24	25.74	0.375	25.84	0.384	25.79	0.379
5	QPSK	12	0	24.89	0.308	25.11	0.324	24.91	0.310
5	QPSK	12	7	24.98	0.315	25.01	0.317	24.89	0.308
5	QPSK	12	13	24.97	0.314	25.04	0.319	25.01	0.317
5	QPSK	25	0	24.80	0.302	25.06	0.321	24.97	0.314
5	16QAM	1	0	25.16	0.328	25.01	0.317	25.03	0.318
5	16QAM	1	12	24.90	0.309	24.92	0.310	25.15	0.327
5	16QAM	1	24	25.03	0.318	25.09	0.323	24.93	0.311
5	16QAM	12	0	23.89	0.245	23.93	0.247	23.97	0.249
5	16QAM	12	7	24.05	0.254	23.99	0.251	23.94	0.248
5	16QAM	12	13	24.03	0.253	23.95	0.248	24.04	0.254
5	16QAM	25	0	23.99	0.251	24.04	0.254	23.96	0.249
5	64QAM	1	0	24.90	0.309	24.98	0.315	25.00	0.316
5	64QAM	1	12	24.95	0.313	24.99	0.316	24.89	0.308
5	64QAM	1	24	24.87	0.307	24.99	0.316	24.97	0.314
5	64QAM	12	0	24.04	0.254	24.01	0.252	24.18	0.262
5	64QAM	12	7	23.98	0.250	24.14	0.259	24.14	0.259
5	64QAM	12	13	23.81	0.240	24.02	0.252	23.90	0.245
5	64QAM	25	0	23.87	0.244	24.07	0.255	23.85	0.243



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	25.98	0.396	26.04	0.402	26.05	0.403
3	QPSK	1	8	25.87	0.386	25.82	0.382	25.86	0.385
3	QPSK	1	14	25.84	0.384	25.78	0.378	25.84	0.384
3	QPSK	8	0	24.89	0.308	24.98	0.315	25.11	0.324
3	QPSK	8	4	24.99	0.316	25.01	0.317	24.95	0.313
3	QPSK	8	7	25.02	0.318	24.89	0.308	24.87	0.307
3	QPSK	15	0	24.87	0.307	24.83	0.304	25.02	0.318
3	16QAM	1	0	25.12	0.325	25.08	0.322	24.87	0.307
3	16QAM	1	8	25.02	0.318	25.14	0.327	24.94	0.312
3	16QAM	1	14	25.08	0.322	24.92	0.310	24.88	0.308
3	16QAM	8	0	24.06	0.255	24.10	0.257	24.05	0.254
3	16QAM	8	4	23.84	0.242	23.80	0.240	23.91	0.246
3	16QAM	8	7	23.97	0.249	23.91	0.246	23.93	0.247
3	16QAM	15	0	23.83	0.242	23.90	0.245	23.84	0.242
3	64QAM	1	0	24.95	0.313	25.08	0.322	24.86	0.306
3	64QAM	1	8	24.89	0.308	24.99	0.316	24.90	0.309
3	64QAM	1	14	24.85	0.305	24.90	0.309	24.81	0.303
3	64QAM	8	0	24.03	0.253	24.09	0.256	24.19	0.262
3	64QAM	8	4	24.07	0.255	24.09	0.256	24.13	0.259
3	64QAM	8	7	23.87	0.244	23.94	0.248	23.84	0.242
3	64QAM	15	0	23.94	0.248	23.92	0.247	23.88	0.244



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	25.85	0.385	26.02	0.400	25.94	0.393
1.4	QPSK	1	3	25.87	0.386	25.73	0.374	25.86	0.385
1.4	QPSK	1	5	25.84	0.384	25.82	0.382	25.83	0.383
1.4	QPSK	3	0	24.91	0.310	25.07	0.321	25.04	0.319
1.4	QPSK	3	1	24.87	0.307	25.02	0.318	24.87	0.307
1.4	QPSK	3	3	24.97	0.314	25.02	0.318	25.06	0.321
1.4	QPSK	6	0	24.78	0.301	24.83	0.304	25.01	0.317
1.4	16QAM	1	0	25.03	0.318	25.08	0.322	24.92	0.310
1.4	16QAM	1	3	24.97	0.314	25.06	0.321	24.97	0.314
1.4	16QAM	1	5	25.11	0.324	25.06	0.321	24.93	0.311
1.4	16QAM	3	0	24.06	0.255	24.10	0.257	23.96	0.249
1.4	16QAM	3	1	23.99	0.251	23.98	0.250	23.94	0.248
1.4	16QAM	3	3	24.02	0.252	23.89	0.245	23.83	0.242
1.4	16QAM	6	0	23.80	0.240	23.84	0.242	23.82	0.241
1.4	64QAM	1	0	25.03	0.318	24.98	0.315	24.92	0.310
1.4	64QAM	1	3	25.11	0.324	25.06	0.321	24.77	0.300
1.4	64QAM	1	5	24.90	0.309	24.97	0.314	25.02	0.318
1.4	64QAM	3	0	24.08	0.256	24.08	0.256	24.08	0.256
1.4	64QAM	3	1	23.90	0.245	24.09	0.256	23.95	0.248
1.4	64QAM	3	3	23.80	0.240	24.00	0.251	23.94	0.248
1.4	64QAM	6	0	23.97	0.249	24.04	0.254	23.90	0.245



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	22.31	0.170	22.40	0.174	22.37	0.173
20	QPSK	1	49	22.22	0.167	22.29	0.169	22.28	0.169
20	QPSK	1	99	22.19	0.166	22.34	0.171	22.24	0.167
20	QPSK	50	0	21.54	0.143	21.65	0.146	21.49	0.141
20	QPSK	50	24	21.41	0.138	21.49	0.141	21.36	0.137
20	QPSK	50	50	21.28	0.134	21.32	0.136	21.32	0.136
20	QPSK	100	0	21.27	0.134	21.50	0.141	21.31	0.135
20	16QAM	1	0	21.41	0.138	21.53	0.142	21.44	0.139
20	16QAM	1	49	21.49	0.141	21.60	0.145	21.60	0.145
20	16QAM	1	99	21.55	0.143	21.48	0.141	21.34	0.136
20	16QAM	50	0	20.37	0.109	20.49	0.112	20.32	0.108
20	16QAM	50	24	20.26	0.106	20.45	0.111	20.25	0.106
20	16QAM	50	50	20.34	0.108	20.46	0.111	20.47	0.111
20	16QAM	100	0	20.31	0.107	20.46	0.111	20.42	0.110
20	64QAM	1	0	21.32	0.136	21.42	0.139	21.39	0.138
20	64QAM	1	49	21.43	0.139	21.43	0.139	21.44	0.139
20	64QAM	1	99	21.40	0.138	21.30	0.135	21.43	0.139
20	64QAM	50	0	20.60	0.115	20.47	0.111	20.41	0.110
20	64QAM	50	24	20.38	0.109	20.47	0.111	20.40	0.110
20	64QAM	50	50	20.29	0.107	20.48	0.112	20.29	0.107
20	64QAM	100	0	20.55	0.114	20.56	0.114	20.31	0.107



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	23.27	0.212	23.33	0.215	23.31	0.214
15	QPSK	1	37	23.15	0.207	23.25	0.211	23.20	0.209
15	QPSK	1	74	23.30	0.214	23.29	0.213	23.25	0.211
15	QPSK	36	0	22.40	0.174	22.46	0.176	22.39	0.173
15	QPSK	36	20	22.35	0.172	22.45	0.176	22.29	0.169
15	QPSK	36	39	22.31	0.170	22.34	0.171	22.42	0.175
15	QPSK	75	0	22.32	0.171	22.42	0.175	22.36	0.172
15	16QAM	1	0	22.60	0.182	22.58	0.181	22.38	0.173
15	16QAM	1	37	22.41	0.174	22.43	0.175	22.59	0.182
15	16QAM	1	74	22.34	0.171	22.56	0.180	22.48	0.177
15	16QAM	36	0	21.39	0.138	21.38	0.137	21.43	0.139
15	16QAM	36	20	21.48	0.141	21.37	0.137	21.35	0.136
15	16QAM	36	39	21.30	0.135	21.45	0.140	21.40	0.138
15	16QAM	75	0	21.22	0.132	21.33	0.136	21.26	0.134
15	64QAM	1	0	22.46	0.176	22.52	0.179	22.42	0.175
15	64QAM	1	37	22.46	0.176	22.44	0.175	22.23	0.167
15	64QAM	1	74	22.28	0.169	22.48	0.177	22.47	0.177
15	64QAM	36	0	21.41	0.138	21.48	0.141	21.55	0.143
15	64QAM	36	20	21.38	0.137	21.46	0.140	21.48	0.141
15	64QAM	36	39	21.44	0.139	21.49	0.141	21.38	0.137
15	64QAM	75	0	21.55	0.143	21.53	0.142	21.40	0.138



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	23.29	0.213	23.29	0.213	23.24	0.211
10	QPSK	1	25	23.21	0.209	23.25	0.211	23.22	0.210
10	QPSK	1	49	23.19	0.208	23.20	0.209	23.19	0.208
10	QPSK	25	0	22.49	0.177	22.54	0.179	22.51	0.178
10	QPSK	25	12	22.45	0.176	22.36	0.172	22.29	0.169
10	QPSK	25	25	22.37	0.173	22.24	0.167	22.41	0.174
10	QPSK	50	0	22.24	0.167	22.27	0.169	22.49	0.177
10	16QAM	1	0	22.48	0.177	22.56	0.180	22.49	0.177
10	16QAM	1	25	22.37	0.173	22.54	0.179	22.50	0.178
10	16QAM	1	49	22.38	0.173	22.52	0.179	22.29	0.169
10	16QAM	25	0	21.35	0.136	21.57	0.144	21.39	0.138
10	16QAM	25	12	21.29	0.135	21.25	0.133	21.41	0.138
10	16QAM	25	25	21.46	0.140	21.48	0.141	21.33	0.136
10	16QAM	50	0	21.38	0.137	21.36	0.137	21.36	0.137
10	64QAM	1	0	22.35	0.172	22.59	0.182	22.51	0.178
10	64QAM	1	25	22.35	0.172	22.47	0.177	22.34	0.171
10	64QAM	1	49	22.52	0.179	22.37	0.173	22.46	0.176
10	64QAM	25	0	21.48	0.141	21.46	0.140	21.55	0.143
10	64QAM	25	12	21.32	0.136	21.55	0.143	21.53	0.142
10	64QAM	25	25	21.34	0.136	21.42	0.139	21.45	0.140
10	64QAM	50	0	21.54	0.143	21.41	0.138	21.47	0.140



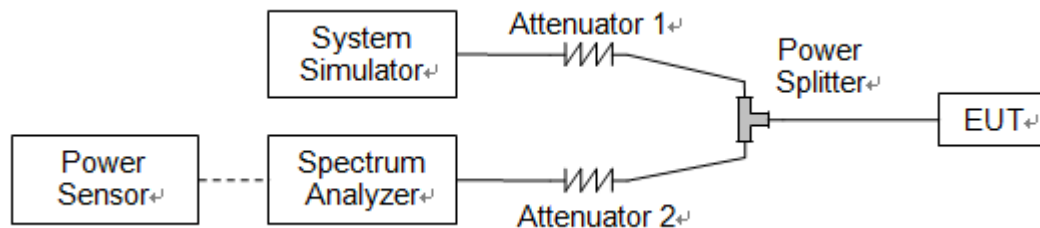
LTE Band 71				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				133147		133297		133447	
Frequency (MHz)				665.5		680.5		695.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	23.25	0.211	23.30	0.214	23.26	0.212
5	QPSK	1	12	23.24	0.211	23.23	0.210	23.23	0.210
5	QPSK	1	24	23.21	0.209	23.20	0.209	23.27	0.212
5	QPSK	12	0	22.52	0.179	22.46	0.176	22.34	0.171
5	QPSK	12	7	22.32	0.171	22.42	0.175	22.46	0.176
5	QPSK	12	13	22.47	0.177	22.35	0.172	22.39	0.173
5	QPSK	25	0	22.35	0.172	22.36	0.172	22.50	0.178
5	16QAM	1	0	22.49	0.177	22.57	0.181	22.32	0.171
5	16QAM	1	12	22.30	0.170	22.60	0.182	22.46	0.176
5	16QAM	1	24	22.44	0.175	22.35	0.172	22.25	0.168
5	16QAM	12	0	21.48	0.141	21.49	0.141	21.43	0.139
5	16QAM	12	7	21.36	0.137	21.44	0.139	21.35	0.136
5	16QAM	12	13	21.32	0.136	21.31	0.135	21.25	0.133
5	16QAM	25	0	21.25	0.133	21.47	0.140	21.42	0.139
5	64QAM	1	0	22.50	0.178	22.56	0.180	22.47	0.177
5	64QAM	1	12	22.49	0.177	22.35	0.172	22.38	0.173
5	64QAM	1	24	22.37	0.173	22.43	0.175	22.28	0.169
5	64QAM	12	0	21.51	0.142	21.50	0.141	21.48	0.141
5	64QAM	12	7	21.47	0.140	21.47	0.140	21.58	0.144
5	64QAM	12	13	21.38	0.137	21.31	0.135	21.34	0.136
5	64QAM	25	0	21.32	0.136	21.42	0.139	21.45	0.140

2.2. Occupied Bandwidth

2.2.1. Requirement

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

2.2.2. Test Description



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

2.2.3. Test Procedure

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



2.2.4. Test Result

LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B2	1.4	Low	18607	1850.7	QPSK	1.0987	1.2748	PASS
B2	1.4	Low	18607	1850.7	16QAM	1.1029	1.3198	PASS
B2	1.4	Low	18607	1850.7	64QAM	1.0984	1.2648	PASS
B2	1.4	Mid	18900	1880	QPSK	1.0977	1.2882	PASS
B2	1.4	Mid	18900	1880	16QAM	1.1029	1.2855	PASS
B2	1.4	Mid	18900	1880	64QAM	1.0975	1.2896	PASS
B2	1.4	High	19193	1909.3	QPSK	1.1016	1.3166	PASS
B2	1.4	High	19193	1909.3	16QAM	1.1012	1.3042	PASS
B2	1.4	High	19193	1909.3	64QAM	1.0981	1.3003	PASS
B2	3	Low	18615	1851.5	QPSK	2.6990	2.9838	PASS
B2	3	Low	18615	1851.5	16QAM	2.6980	3.0032	PASS
B2	3	Low	18615	1851.5	64QAM	2.7052	2.9854	PASS
B2	3	Mid	18900	1880	QPSK	2.6966	2.9812	PASS
B2	3	Mid	18900	1880	16QAM	2.7013	2.9936	PASS
B2	3	Mid	18900	1880	64QAM	2.7015	2.9659	PASS
B2	3	High	19185	1908.5	QPSK	2.7029	2.9856	PASS
B2	3	High	19185	1908.5	16QAM	2.7021	2.9923	PASS
B2	3	High	19185	1908.5	64QAM	2.6995	2.9953	PASS
B2	5	Low	18625	1852.5	QPSK	4.4799	4.9842	PASS
B2	5	Low	18625	1852.5	16QAM	4.4901	4.9821	PASS
B2	5	Low	18625	1852.5	64QAM	4.4890	4.9964	PASS
B2	5	Mid	18900	1880	QPSK	4.4811	4.9917	PASS
B2	5	Mid	18900	1880	16QAM	4.4939	4.9538	PASS
B2	5	Mid	18900	1880	64QAM	4.5027	4.9660	PASS
B2	5	High	19175	1907.5	QPSK	4.4928	4.9612	PASS
B2	5	High	19175	1907.5	16QAM	4.4780	4.9416	PASS
B2	5	High	19175	1907.5	64QAM	4.4917	4.9632	PASS
B2	10	Low	18650	1855	QPSK	8.9444	9.7374	PASS
B2	10	Low	18650	1855	16QAM	8.9272	9.7302	PASS
B2	10	Low	18650	1855	64QAM	8.9623	9.7368	PASS
B2	10	Mid	18900	1880	QPSK	8.9609	9.7694	PASS
B2	10	Mid	18900	1880	16QAM	8.9343	9.7696	PASS
B2	10	Mid	18900	1880	64QAM	8.9498	9.7675	PASS



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B2	10	High	19150	1905	QPSK	8.9776	9.8647	PASS
B2	10	High	19150	1905	16QAM	8.9516	9.7940	PASS
B2	10	High	19150	1905	64QAM	8.9689	9.8371	PASS
B2	15	Low	18675	1857.5	QPSK	13.470	14.529	PASS
B2	15	Low	18675	1857.5	16QAM	13.430	14.474	PASS
B2	15	Low	18675	1857.5	64QAM	13.424	14.613	PASS
B2	15	Mid	18900	1880	QPSK	13.429	14.458	PASS
B2	15	Mid	18900	1880	16QAM	13.424	14.504	PASS
B2	15	Mid	18900	1880	64QAM	13.409	14.435	PASS
B2	15	High	19125	1902.5	QPSK	13.489	14.513	PASS
B2	15	High	19125	1902.5	16QAM	13.462	14.625	PASS
B2	15	High	19125	1902.5	64QAM	13.415	14.474	PASS
B2	20	Low	18700	1860	QPSK	17.882	19.220	PASS
B2	20	Low	18700	1860	16QAM	17.892	19.115	PASS
B2	20	Low	18700	1860	64QAM	17.918	19.420	PASS
B2	20	Mid	18900	1880	QPSK	17.851	19.243	PASS
B2	20	Mid	18900	1880	16QAM	17.840	19.299	PASS
B2	20	Mid	18900	1880	64QAM	17.882	19.204	PASS
B2	20	High	19100	1900	QPSK	17.895	19.226	PASS
B2	20	High	19100	1900	16QAM	17.875	19.215	PASS
B2	20	High	19100	1900	64QAM	17.872	19.354	PASS



LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B4	1.4	Low	19957	1710.7	QPSK	1.0968	1.3011	PASS
B4	1.4	Low	19957	1710.7	16QAM	1.1036	1.2989	PASS
B4	1.4	Low	19957	1710.7	64QAM	1.0998	1.3056	PASS
B4	1.4	Mid	20175	1732.5	QPSK	1.0969	1.2935	PASS
B4	1.4	Mid	20175	1732.5	16QAM	1.1031	1.3091	PASS
B4	1.4	Mid	20175	1732.5	64QAM	1.1003	1.3032	PASS
B4	1.4	High	20393	1754.3	QPSK	1.0943	1.2855	PASS
B4	1.4	High	20393	1754.3	16QAM	1.1034	1.2854	PASS
B4	1.4	High	20393	1754.3	64QAM	1.0998	1.3045	PASS
B4	3	Low	19965	1711.5	QPSK	2.7034	2.9881	PASS
B4	3	Low	19965	1711.5	16QAM	2.6974	2.9889	PASS
B4	3	Low	19965	1711.5	64QAM	2.7010	2.9834	PASS
B4	3	Mid	20175	1732.5	QPSK	2.7044	2.9739	PASS
B4	3	Mid	20175	1732.5	16QAM	2.7056	3.0005	PASS
B4	3	Mid	20175	1732.5	64QAM	2.7070	2.9723	PASS
B4	3	High	20385	1753.5	QPSK	2.6992	2.9685	PASS
B4	3	High	20385	1753.5	16QAM	2.7030	2.9930	PASS
B4	3	High	20385	1753.5	64QAM	2.7016	2.9746	PASS
B4	5	Low	19975	1712.5	QPSK	4.4819	4.9832	PASS
B4	5	Low	19975	1712.5	16QAM	4.4805	4.9670	PASS
B4	5	Low	19975	1712.5	64QAM	4.4869	4.9596	PASS
B4	5	Mid	20175	1732.5	QPSK	4.4885	4.9969	PASS
B4	5	Mid	20175	1732.5	16QAM	4.4880	4.9432	PASS
B4	5	Mid	20175	1732.5	64QAM	4.4878	4.9433	PASS
B4	5	High	20375	1752.5	QPSK	4.4922	4.9849	PASS
B4	5	High	20375	1752.5	16QAM	4.4918	4.9546	PASS
B4	5	High	20375	1752.5	64QAM	4.4802	4.9630	PASS
B4	10	Low	20000	1715	QPSK	8.9688	9.7751	PASS
B4	10	Low	20000	1715	16QAM	8.9367	9.6865	PASS
B4	10	Low	20000	1715	64QAM	8.9522	9.7582	PASS
B4	10	Mid	20175	1732.5	QPSK	8.9576	9.7910	PASS
B4	10	Mid	20175	1732.5	16QAM	8.9393	9.6986	PASS
B4	10	Mid	20175	1732.5	64QAM	8.9488	9.8462	PASS
B4	10	High	20350	1750	QPSK	8.9703	9.8039	PASS
B4	10	High	20350	1750	16QAM	8.9399	9.7319	PASS



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B4	10	High	20350	1750	64QAM	8.9456	9.7601	PASS
B4	15	Low	20025	1717.5	QPSK	13.418	14.471	PASS
B4	15	Low	20025	1717.5	16QAM	13.407	14.691	PASS
B4	15	Low	20025	1717.5	64QAM	13.378	14.584	PASS
B4	15	Mid	20175	1732.5	QPSK	13.409	14.466	PASS
B4	15	Mid	20175	1732.5	16QAM	13.442	14.617	PASS
B4	15	Mid	20175	1732.5	64QAM	13.442	14.704	PASS
B4	15	High	20325	1747.5	QPSK	13.406	14.461	PASS
B4	15	High	20325	1747.5	16QAM	13.422	14.603	PASS
B4	15	High	20325	1747.5	64QAM	13.397	14.622	PASS
B4	20	Low	20050	1720	QPSK	17.861	19.274	PASS
B4	20	Low	20050	1720	16QAM	17.849	19.266	PASS
B4	20	Low	20050	1720	64QAM	17.802	19.222	PASS
B4	20	Mid	20175	1732.5	QPSK	17.923	19.336	PASS
B4	20	Mid	20175	1732.5	16QAM	17.934	19.310	PASS
B4	20	Mid	20175	1732.5	64QAM	17.904	19.312	PASS
B4	20	High	20300	1745	QPSK	17.862	19.188	PASS
B4	20	High	20300	1745	16QAM	17.874	19.188	PASS
B4	20	High	20300	1745	64QAM	17.889	19.386	PASS



LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B5	1.4	Low	20407	824.7	QPSK	1.0984	1.2746	PASS
B5	1.4	Low	20407	824.7	16QAM	1.0982	1.2898	PASS
B5	1.4	Low	20407	824.7	64QAM	1.0999	1.2874	PASS
B5	1.4	Mid	20525	836.5	QPSK	1.0966	1.2742	PASS
B5	1.4	Mid	20525	836.5	16QAM	1.0949	1.2899	PASS
B5	1.4	Mid	20525	836.5	64QAM	1.1013	1.2904	PASS
B5	1.4	High	20643	848.3	QPSK	1.0985	1.2862	PASS
B5	1.4	High	20643	848.3	16QAM	1.1009	1.2951	PASS
B5	1.4	High	20643	848.3	64QAM	1.1025	1.2968	PASS
B5	3	Low	20415	825.5	QPSK	2.7008	3.0008	PASS
B5	3	Low	20415	825.5	16QAM	2.6942	3.0004	PASS
B5	3	Low	20415	825.5	64QAM	2.7033	2.9842	PASS
B5	3	Mid	20525	836.5	QPSK	2.6974	2.9827	PASS
B5	3	Mid	20525	836.5	16QAM	2.6941	2.9813	PASS
B5	3	Mid	20525	836.5	64QAM	2.7070	2.9734	PASS
B5	3	High	20635	847.5	QPSK	2.6983	2.9680	PASS
B5	3	High	20635	847.5	16QAM	2.7055	2.9737	PASS
B5	3	High	20635	847.5	64QAM	2.7073	2.9633	PASS
B5	5	Low	20425	826.5	QPSK	4.4885	4.9460	PASS
B5	5	Low	20425	826.5	16QAM	4.4856	4.9723	PASS
B5	5	Low	20425	826.5	64QAM	4.4990	4.9397	PASS
B5	5	Mid	20525	836.5	QPSK	4.4878	4.9942	PASS
B5	5	Mid	20525	836.5	16QAM	4.4850	4.9011	PASS
B5	5	Mid	20525	836.5	64QAM	4.4959	4.9382	PASS
B5	5	High	20625	846.5	QPSK	4.4707	4.9578	PASS
B5	5	High	20625	846.5	16QAM	4.4744	4.9393	PASS
B5	5	High	20625	846.5	64QAM	4.4814	4.9429	PASS
B5	10	Low	20450	829	QPSK	8.9726	9.8248	PASS
B5	10	Low	20450	829	16QAM	8.9442	9.7315	PASS
B5	10	Low	20450	829	64QAM	8.9572	9.7896	PASS
B5	10	Mid	20525	836.5	QPSK	8.9783	9.7998	PASS
B5	10	Mid	20525	836.5	16QAM	8.9498	9.7354	PASS
B5	10	Mid	20525	836.5	64QAM	8.9623	9.7644	PASS
B5	10	High	20600	844	QPSK	8.9473	9.6558	PASS
B5	10	High	20600	844	16QAM	8.9076	9.7641	PASS



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B5	10	High	20600	844	64QAM	8.9163	9.6662	PASS
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LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B7	5	Low	20775	2502.5	QPSK	4.4942	4.9913	PASS
B7	5	Low	20775	2502.5	16QAM	4.4923	4.9681	PASS
B7	5	Low	20775	2502.5	64QAM	4.4932	4.9258	PASS
B7	5	Mid	21100	2535	QPSK	4.4864	4.9756	PASS
B7	5	Mid	21100	2535	16QAM	4.4871	4.9387	PASS
B7	5	Mid	21100	2535	64QAM	4.4939	4.9789	PASS
B7	5	High	21425	2567.5	QPSK	4.4900	4.9684	PASS
B7	5	High	21425	2567.5	16QAM	4.4923	4.9532	PASS
B7	5	High	21425	2567.5	64QAM	4.4874	4.9460	PASS
B7	10	Low	20800	2505	QPSK	8.9588	9.7569	PASS
B7	10	Low	20800	2505	16QAM	8.9536	9.7052	PASS
B7	10	Low	20800	2505	64QAM	8.9484	9.7888	PASS
B7	10	Mid	21100	2535	QPSK	8.9816	9.8084	PASS
B7	10	Mid	21100	2535	16QAM	8.9393	9.7444	PASS
B7	10	Mid	21100	2535	64QAM	8.9619	9.7788	PASS
B7	10	High	21400	2565	QPSK	8.9644	9.7421	PASS
B7	10	High	21400	2565	16QAM	8.9509	9.7371	PASS
B7	10	High	21400	2565	64QAM	8.9588	9.7606	PASS
B7	15	Low	20825	2507.5	QPSK	13.463	14.484	PASS
B7	15	Low	20825	2507.5	16QAM	13.426	14.528	PASS
B7	15	Low	20825	2507.5	64QAM	13.424	14.711	PASS
B7	15	Mid	21100	2535	QPSK	13.433	14.652	PASS
B7	15	Mid	21100	2535	16QAM	13.427	14.618	PASS
B7	15	Mid	21100	2535	64QAM	13.437	14.644	PASS
B7	15	High	21375	2562.5	QPSK	13.439	14.672	PASS
B7	15	High	21375	2562.5	16QAM	13.432	14.551	PASS
B7	15	High	21375	2562.5	64QAM	13.403	14.607	PASS
B7	20	Low	20850	2510	QPSK	17.894	19.260	PASS
B7	20	Low	20850	2510	16QAM	17.920	19.375	PASS
B7	20	Low	20850	2510	64QAM	17.867	19.280	PASS
B7	20	Mid	21100	2535	QPSK	17.908	19.296	PASS
B7	20	Mid	21100	2535	16QAM	17.945	19.326	PASS
B7	20	Mid	21100	2535	64QAM	17.880	19.194	PASS
B7	20	High	21350	2560	QPSK	17.909	19.344	PASS
B7	20	High	21350	2560	16QAM	17.940	19.223	PASS



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B7	20	High	21350	2560	64QAM	17.905	19.451	PASS
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LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B12	1.4	Low	23017	699.7	QPSK	1.0924	1.2904	PASS
B12	1.4	Low	23017	699.7	16QAM	1.0995	1.2952	PASS
B12	1.4	Low	23017	699.7	64QAM	1.0985	1.2892	PASS
B12	1.4	Mid	23095	707.5	QPSK	1.0983	1.2873	PASS
B12	1.4	Mid	23095	707.5	16QAM	1.0980	1.2892	PASS
B12	1.4	Mid	23095	707.5	64QAM	1.1025	1.2917	PASS
B12	1.4	High	23173	715.3	QPSK	1.0964	1.2935	PASS
B12	1.4	High	23173	715.3	16QAM	1.0987	1.2861	PASS
B12	1.4	High	23173	715.3	64QAM	1.1019	1.2786	PASS
B12	3	Low	23025	700.5	QPSK	2.6968	2.9858	PASS
B12	3	Low	23025	700.5	16QAM	2.6995	2.9976	PASS
B12	3	Low	23025	700.5	64QAM	2.7055	2.9681	PASS
B12	3	Mid	23095	707.5	QPSK	2.7040	2.9823	PASS
B12	3	Mid	23095	707.5	16QAM	2.7026	3.0017	PASS
B12	3	Mid	23095	707.5	64QAM	2.7072	2.9741	PASS
B12	3	High	23165	714.5	QPSK	2.7066	2.9827	PASS
B12	3	High	23165	714.5	16QAM	2.7049	2.9910	PASS
B12	3	High	23165	714.5	64QAM	2.7105	2.9797	PASS
B12	5	Low	23035	701.5	QPSK	4.4798	4.9176	PASS
B12	5	Low	23035	701.5	16QAM	4.4839	4.9385	PASS
B12	5	Low	23035	701.5	64QAM	4.4886	4.9477	PASS
B12	5	Mid	23095	707.5	QPSK	4.4898	4.9789	PASS
B12	5	Mid	23095	707.5	16QAM	4.4912	4.9974	PASS
B12	5	Mid	23095	707.5	64QAM	4.4912	4.9714	PASS
B12	5	High	23155	713.5	QPSK	4.4858	4.9777	PASS
B12	5	High	23155	713.5	16QAM	4.4891	4.9094	PASS
B12	5	High	23155	713.5	64QAM	4.4929	4.9537	PASS
B12	10	Low	23060	704	QPSK	8.9528	9.7630	PASS
B12	10	Low	23060	704	16QAM	8.9301	9.7515	PASS
B12	10	Low	23060	704	64QAM	8.9664	9.7158	PASS
B12	10	Mid	23095	707.5	QPSK	8.9753	9.7653	PASS
B12	10	Mid	23095	707.5	16QAM	8.9639	9.7128	PASS
B12	10	Mid	23095	707.5	64QAM	8.9689	9.8502	PASS
B12	10	High	23130	711	QPSK	8.9389	9.7536	PASS
B12	10	High	23130	711	16QAM	8.9211	9.7857	PASS



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B12	10	High	23130	711	64QAM	8.9369	9.7362	PASS
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LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B13	5	Low	23205	779.5	QPSK	4.4650	4.9252	PASS
B13	5	Low	23205	779.5	64QAM	4.4753	4.8859	PASS
B13	5	Low	23205	779.5	16QAM	4.4759	4.8751	PASS
B13	5	Mid	23230	782	QPSK	4.4883	4.9373	PASS
B13	5	Mid	23230	782	64QAM	4.4953	4.9373	PASS
B13	5	Mid	23230	782	16QAM	4.4907	4.9683	PASS
B13	5	High	23255	784.5	QPSK	4.4989	5.0054	PASS
B13	5	High	23255	784.5	64QAM	4.4977	5.0012	PASS
B13	5	High	23255	784.5	16QAM	4.5046	4.9451	PASS
B13	10	Mid	23230	782	QPSK	8.9640	9.7599	PASS
B13	10	Mid	23230	782	64QAM	8.9456	9.7059	PASS
B13	10	Mid	23230	782	16QAM	8.9457	9.7366	PASS



LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B17	5	Low	23755	706.5	QPSK	4.4891	4.9741	PASS
B17	5	Low	23755	706.5	16QAM	4.4953	4.9733	PASS
B17	5	Low	23755	706.5	64QAM	4.4945	4.9179	PASS
B17	5	Mid	23790	710	QPSK	4.4818	4.9720	PASS
B17	5	Mid	23790	710	16QAM	4.4843	4.9273	PASS
B17	5	Mid	23790	710	64QAM	4.4835	4.9370	PASS
B17	5	High	23825	713.5	QPSK	4.4898	4.9652	PASS
B17	5	High	23825	713.5	16QAM	4.4903	4.9828	PASS
B17	5	High	23825	713.5	64QAM	4.5024	4.9159	PASS
B17	10	Low	23780	709	QPSK	8.9485	9.8226	PASS
B17	10	Low	23780	709	16QAM	8.9322	9.6782	PASS
B17	10	Low	23780	709	64QAM	8.9475	9.7704	PASS
B17	10	Mid	23790	710	QPSK	8.9557	9.7407	PASS
B17	10	Mid	23790	710	16QAM	8.9167	9.6531	PASS
B17	10	Mid	23790	710	64QAM	8.9470	9.7012	PASS
B17	10	High	23800	711	QPSK	8.9667	9.7792	PASS
B17	10	High	23800	711	16QAM	8.9085	9.7163	PASS
B17	10	High	23800	711	64QAM	8.9380	9.6692	PASS



LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B18 part22	5	Low	23965	826.5	QPSK	4.4935	4.9646	PASS
B18 part22	5	Low	23965	826.5	16QAM	4.4894	4.9547	PASS
B18 part22	5	Low	23965	826.5	64QAM	4.4932	4.9423	PASS
B18 part22	5	Mid	23970	827	QPSK	4.4940	4.9837	PASS
B18 part22	5	Mid	23970	827	16QAM	4.4937	4.9492	PASS
B18 part22	5	Mid	23970	827	64QAM	4.4877	4.9458	PASS
B18 part22	5	High	23975	827.5	QPSK	4.4895	4.9794	PASS
B18 part22	5	High	23975	827.5	16QAM	4.4900	4.9202	PASS
B18 part22	5	High	23975	827.5	64QAM	4.4968	4.9556	PASS



LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B19	5	Low	24025	832.5	QPSK	4.4806	4.9652	PASS
B19	5	Low	24025	832.5	16QAM	4.4860	4.9627	PASS
B19	5	Low	24025	832.5	64QAM	4.4990	4.9321	PASS
B19	5	Mid	24075	837.5	QPSK	4.4870	4.9739	PASS
B19	5	Mid	24075	837.5	16QAM	4.4876	4.9673	PASS
B19	5	Mid	24075	837.5	64QAM	4.5038	4.9354	PASS
B19	5	High	24125	842.5	QPSK	4.4857	4.9392	PASS
B19	5	High	24125	842.5	16QAM	4.4924	4.9770	PASS
B19	5	High	24125	842.5	64QAM	4.4995	4.9228	PASS
B19	10	Low	24050	835	QPSK	8.9595	9.7985	PASS
B19	10	Low	24050	835	16QAM	8.9489	9.7177	PASS
B19	10	Low	24050	835	64QAM	8.9640	9.7733	PASS
B19	10	Mid	24075	837.5	QPSK	8.9502	9.8397	PASS
B19	10	Mid	24075	837.5	16QAM	8.9531	9.7945	PASS
B19	10	Mid	24075	837.5	64QAM	8.9752	9.8105	PASS
B19	10	High	24100	840	QPSK	8.9595	9.7843	PASS
B19	10	High	24100	840	16QAM	8.9370	9.7315	PASS
B19	10	High	24100	840	64QAM	8.9650	9.8197	PASS
B19	15	Low	24075	837.5	QPSK	13.438	14.536	PASS
B19	15	Low	24075	837.5	16QAM	13.452	14.716	PASS
B19	15	Low	24075	837.5	64QAM	13.430	14.669	PASS
B19	15	Mid	24075	837.5	QPSK	13.458	14.539	PASS
B19	15	Mid	24075	837.5	16QAM	13.450	14.628	PASS
B19	15	Mid	24075	837.5	64QAM	13.416	14.613	PASS
B19	15	High	24075	837.5	QPSK	13.447	14.520	PASS
B19	15	High	24075	837.5	16QAM	13.453	14.686	PASS
B19	15	High	24075	837.5	64QAM	13.431	14.727	PASS



LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B25	1.4	Low	26047	1850.7	QPSK	1.0960	1.3019	PASS
B25	1.4	Low	26047	1850.7	16QAM	1.1005	1.3212	PASS
B25	1.4	Low	26047	1850.7	64QAM	1.1031	1.2873	PASS
B25	1.4	Mid	26365	1882.5	QPSK	1.1017	1.3297	PASS
B25	1.4	Mid	26365	1882.5	16QAM	1.1018	1.3184	PASS
B25	1.4	Mid	26365	1882.5	64QAM	1.1026	1.3018	PASS
B25	1.4	High	26683	1914.3	QPSK	1.1041	1.3379	PASS
B25	1.4	High	26683	1914.3	16QAM	1.1067	1.3110	PASS
B25	1.4	High	26683	1914.3	64QAM	1.1033	1.3408	PASS
B25	3	Low	26055	1851.5	QPSK	2.7032	2.9804	PASS
B25	3	Low	26055	1851.5	16QAM	2.7015	2.9842	PASS
B25	3	Low	26055	1851.5	64QAM	2.6992	2.9741	PASS
B25	3	Mid	26365	1882.5	QPSK	2.7002	2.9980	PASS
B25	3	Mid	26365	1882.5	16QAM	2.6954	2.9871	PASS
B25	3	Mid	26365	1882.5	64QAM	2.7069	2.9869	PASS
B25	3	High	26675	1913.5	QPSK	2.7052	3.0103	PASS
B25	3	High	26675	1913.5	16QAM	2.7036	2.9852	PASS
B25	3	High	26675	1913.5	64QAM	2.7047	2.9728	PASS
B25	5	Low	26065	1852.5	QPSK	4.4895	4.9886	PASS
B25	5	Low	26065	1852.5	16QAM	4.4900	4.9559	PASS
B25	5	Low	26065	1852.5	64QAM	4.4819	4.9138	PASS
B25	5	Mid	26365	1882.5	QPSK	4.4817	4.9964	PASS
B25	5	Mid	26365	1882.5	16QAM	4.4839	4.9452	PASS
B25	5	Mid	26365	1882.5	64QAM	4.4865	4.9354	PASS
B25	5	High	26665	1912.5	QPSK	4.4837	4.9981	PASS
B25	5	High	26665	1912.5	16QAM	4.4704	4.9567	PASS
B25	5	High	26665	1912.5	64QAM	4.4872	4.9510	PASS
B25	10	Low	26090	1855	QPSK	8.9638	9.7295	PASS
B25	10	Low	26090	1855	16QAM	8.9337	9.7491	PASS
B25	10	Low	26090	1855	64QAM	8.9368	9.7876	PASS
B25	10	Mid	26365	1882.5	QPSK	8.9797	9.8276	PASS
B25	10	Mid	26365	1882.5	16QAM	8.9404	9.7865	PASS
B25	10	Mid	26365	1882.5	64QAM	8.9627	9.7806	PASS
B25	10	High	26640	1910	QPSK	8.9443	9.7166	PASS
B25	10	High	26640	1910	16QAM	8.9187	9.7317	PASS



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B25	10	High	26640	1910	64QAM	8.9210	9.6651	PASS
B25	15	Low	26115	1857.5	QPSK	13.443	14.514	PASS
B25	15	Low	26115	1857.5	16QAM	13.426	14.567	PASS
B25	15	Low	26115	1857.5	64QAM	13.406	14.604	PASS
B25	15	Mid	26365	1882.5	QPSK	13.492	14.511	PASS
B25	15	Mid	26365	1882.5	16QAM	13.454	14.715	PASS
B25	15	Mid	26365	1882.5	64QAM	13.443	14.586	PASS
B25	15	High	26615	1907.5	QPSK	13.411	14.497	PASS
B25	15	High	26615	1907.5	16QAM	13.409	14.483	PASS
B25	15	High	26615	1907.5	64QAM	13.375	14.541	PASS
B25	20	Low	26140	1860	QPSK	17.925	19.374	PASS
B25	20	Low	26140	1860	16QAM	17.928	19.359	PASS
B25	20	Low	26140	1860	64QAM	17.914	19.141	PASS
B25	20	Mid	26365	1882.5	QPSK	17.929	19.294	PASS
B25	20	Mid	26365	1882.5	16QAM	17.951	19.406	PASS
B25	20	Mid	26365	1882.5	64QAM	17.973	19.305	PASS
B25	20	High	26590	1905	QPSK	17.867	19.298	PASS
B25	20	High	26590	1905	16QAM	17.884	19.308	PASS
B25	20	High	26590	1905	64QAM	17.893	19.199	PASS



LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B26 Part22	1.4	Low	26797	824.7	QPSK	1.0972	1.2359	PASS
B26 Part22	1.4	Low	26797	824.7	16QAM	1.0964	1.2505	PASS
B26 Part22	1.4	Low	26797	824.7	64QAM	1.0961	1.2472	PASS
B26 Part22	1.4	Mid	26915	836.5	QPSK	1.0959	1.2427	PASS
B26 Part22	1.4	Mid	26915	836.5	16QAM	1.0965	1.2446	PASS
B26 Part22	1.4	Mid	26915	836.5	64QAM	1.0996	1.2473	PASS
B26 Part22	1.4	High	27033	848.3	QPSK	1.0986	1.2470	PASS
B26 Part22	1.4	High	27033	848.3	16QAM	1.0992	1.2499	PASS
B26 Part22	1.4	High	27033	848.3	64QAM	1.0951	1.2510	PASS
B26 Part22	3	Low	26805	825.5	QPSK	2.7184	3.0523	PASS
B26 Part22	3	Low	26805	825.5	16QAM	2.7164	3.0629	PASS
B26 Part22	3	Low	26805	825.5	64QAM	2.7221	3.0615	PASS
B26 Part22	3	Mid	26915	836.5	QPSK	2.7144	3.0449	PASS
B26 Part22	3	Mid	26915	836.5	16QAM	2.7105	3.0416	PASS
B26 Part22	3	Mid	26915	836.5	64QAM	2.7269	3.0441	PASS
B26 Part22	3	High	27025	847.5	QPSK	2.7146	3.0440	PASS
B26 Part22	3	High	27025	847.5	16QAM	2.7152	3.0516	PASS



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B26 Part22	3	High	27025	847.5	64QAM	2.7260	3.0576	PASS
B26 Part22	5	Low	26815	826.5	QPSK	4.4799	4.9234	PASS
B26 Part22	5	Low	26815	826.5	16QAM	4.4847	4.9600	PASS
B26 Part22	5	Low	26815	826.5	64QAM	4.4840	4.9188	PASS
B26 Part22	5	Mid	26915	836.5	QPSK	4.4788	4.9175	PASS
B26 Part22	5	Mid	26915	836.5	16QAM	4.4802	4.8971	PASS
B26 Part22	5	Mid	26915	836.5	64QAM	4.4777	4.9113	PASS
B26 Part22	5	High	27015	846.5	QPSK	4.4831	4.9453	PASS
B26 Part22	5	High	27015	846.5	16QAM	4.4873	4.9489	PASS
B26 Part22	5	High	27015	846.5	64QAM	4.4728	4.8965	PASS
B26 Part22	10	Low	26840	829	QPSK	8.9957	9.8564	PASS
B26 Part22	10	Low	26840	829	16QAM	8.9524	9.8037	PASS
B26 Part22	10	Low	26840	829	64QAM	8.9732	9.7867	PASS
B26 Part22	10	Mid	26915	836.5	QPSK	8.9705	9.8849	PASS
B26 Part22	10	Mid	26915	836.5	16QAM	8.9594	9.7813	PASS
B26 Part22	10	Mid	26915	836.5	64QAM	8.9827	9.7886	PASS
B26 Part22	10	High	26990	844	QPSK	8.9744	9.7990	PASS
B26 Part22	10	High	26990	844	16QAM	8.9543	9.7752	PASS
B26 Part22	10	High	26990	844	64QAM	8.9684	9.8055	PASS



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B26 Part22	15	Low	26865	831.5	QPSK	13.466	14.747	PASS
B26 Part22	15	Low	26865	831.5	16QAM	13.442	14.920	PASS
B26 Part22	15	Low	26865	831.5	64QAM	13.431	14.844	PASS
B26 Part22	15	Mid	26915	836.5	QPSK	13.470	14.708	PASS
B26 Part22	15	Mid	26915	836.5	16QAM	13.441	14.856	PASS
B26 Part22	15	Mid	26915	836.5	64QAM	13.452	14.804	PASS
B26 Part22	15	High	26965	841.5	QPSK	13.436	14.781	PASS
B26 Part22	15	High	26965	841.5	16QAM	13.458	14.889	PASS
B26 Part22	15	High	26965	841.5	64QAM	13.432	14.775	PASS



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LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B30	5	Low	27685	2307.5	QPSK	4.4868	4.9900	PASS
B30	5	Low	27685	2307.5	16QAM	4.4888	4.9061	PASS
B30	5	Low	27685	2307.5	64QAM	4.4887	4.9557	PASS
B30	5	Mid	27710	2310	QPSK	4.4870	4.9886	PASS
B30	5	Mid	27710	2310	16QAM	4.4869	4.9651	PASS
B30	5	Mid	27710	2310	64QAM	4.4885	4.9563	PASS
B30	5	High	27735	2312.5	QPSK	4.4861	4.9306	PASS
B30	5	High	27735	2312.5	16QAM	4.4803	4.9629	PASS
B30	5	High	27735	2312.5	64QAM	4.4896	4.9669	PASS
B30	10	Mid	27710	2310	QPSK	8.9591	9.7552	PASS
B30	10	Mid	27710	2310	16QAM	8.9422	9.6762	PASS
B30	10	Mid	27710	2310	64QAM	8.9464	9.7506	PASS





LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B41	5	Low	39675	2498.5	QPSK	4.4788	4.8590	PASS
B41	5	Low	39675	2498.5	16QAM	4.4842	4.8973	PASS
B41	5	Low	39675	2498.5	64QAM	4.4852	4.8897	PASS
B41	5	Mid	40620	2593	QPSK	4.4902	4.9470	PASS
B41	5	Mid	40620	2593	16QAM	4.4853	4.9301	PASS
B41	5	Mid	40620	2593	64QAM	4.4700	4.9012	PASS
B41	5	High	41565	2687.5	QPSK	4.4884	4.9462	PASS
B41	5	High	41565	2687.5	16QAM	4.4846	4.9259	PASS
B41	5	High	41565	2687.5	64QAM	4.4790	4.9416	PASS
B41	10	Low	39700	2501	QPSK	8.9650	9.7041	PASS
B41	10	Low	39700	2501	16QAM	8.9407	9.8675	PASS
B41	10	Low	39700	2501	64QAM	8.9699	9.8420	PASS
B41	10	Mid	40620	2593	QPSK	8.9666	9.7179	PASS
B41	10	Mid	40620	2593	16QAM	8.9395	9.6689	PASS
B41	10	Mid	40620	2593	64QAM	8.9593	10.0733	PASS
B41	10	High	41540	2685	QPSK	8.9551	9.8263	PASS
B41	10	High	41540	2685	16QAM	8.9517	10.1057	PASS
B41	10	High	41540	2685	64QAM	8.9545	9.9559	PASS
B41	15	Low	39725	2503.5	QPSK	13.456	14.495	PASS
B41	15	Low	39725	2503.5	16QAM	13.458	14.582	PASS
B41	15	Low	39725	2503.5	64QAM	13.474	14.569	PASS
B41	15	Mid	40620	2593	QPSK	13.418	14.523	PASS
B41	15	Mid	40620	2593	16QAM	13.408	14.590	PASS
B41	15	Mid	40620	2593	64QAM	13.425	14.423	PASS
B41	15	High	41515	2682.5	QPSK	13.450	14.392	PASS
B41	15	High	41515	2682.5	16QAM	13.415	14.401	PASS
B41	15	High	41515	2682.5	64QAM	13.407	14.695	PASS
B41	20	Low	39750	2506	QPSK	17.858	19.320	PASS
B41	20	Low	39750	2506	16QAM	17.897	20.034	PASS
B41	20	Low	39750	2506	64QAM	17.887	19.303	PASS
B41	20	Mid	40620	2593	QPSK	17.907	19.652	PASS
B41	20	Mid	40620	2593	16QAM	17.895	20.225	PASS
B41	20	Mid	40620	2593	64QAM	17.897	19.931	PASS
B41	20	High	41490	2680	QPSK	17.889	19.190	PASS
B41	20	High	41490	2680	16QAM	17.883	20.024	PASS



B41	20	High	41490	2680	64QAM	17.898	19.518	PASS
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LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B41	5	Low	39675	2498.5	QPSK	4.4732	4.9468	PASS
B41	5	Low	39675	2498.5	16QAM	4.4867	4.9805	PASS
B41	5	Low	39675	2498.5	64QAM	4.4778	4.9074	PASS
B41	5	Mid	40620	2593	QPSK	4.4809	4.9484	PASS
B41	5	Mid	40620	2593	16QAM	4.4857	4.9778	PASS
B41	5	Mid	40620	2593	64QAM	4.4742	4.9090	PASS
B41	5	High	41565	2687.5	QPSK	4.4848	4.9740	PASS
B41	5	High	41565	2687.5	16QAM	4.4840	5.0109	PASS
B41	5	High	41565	2687.5	64QAM	4.4786	4.8847	PASS
B41	10	Low	39700	2501	QPSK	8.9416	9.7820	PASS
B41	10	Low	39700	2501	16QAM	8.9396	10.0292	PASS
B41	10	Low	39700	2501	64QAM	8.9433	9.9421	PASS
B41	10	Mid	40620	2593	QPSK	8.9581	9.7298	PASS
B41	10	Mid	40620	2593	16QAM	8.9507	9.8337	PASS
B41	10	Mid	40620	2593	64QAM	8.9633	9.9719	PASS
B41	10	High	41540	2685	QPSK	8.9421	9.7550	PASS
B41	10	High	41540	2685	16QAM	8.9541	9.6157	PASS
B41	10	High	41540	2685	64QAM	8.9661	9.8053	PASS
B41	15	Low	39725	2503.5	QPSK	13.457	14.546	PASS
B41	15	Low	39725	2503.5	16QAM	13.416	14.275	PASS
B41	15	Low	39725	2503.5	64QAM	13.435	14.574	PASS
B41	15	Mid	40620	2593	QPSK	13.406	14.480	PASS
B41	15	Mid	40620	2593	16QAM	13.462	14.609	PASS
B41	15	Mid	40620	2593	64QAM	13.431	14.620	PASS
B41	15	High	41515	2682.5	QPSK	13.410	14.436	PASS
B41	15	High	41515	2682.5	16QAM	13.408	14.384	PASS
B41	15	High	41515	2682.5	64QAM	13.431	14.472	PASS
B41	20	Low	39750	2506	QPSK	17.870	19.462	PASS
B41	20	Low	39750	2506	16QAM	17.917	19.545	PASS
B41	20	Low	39750	2506	64QAM	17.891	19.237	PASS
B41	20	Mid	40620	2593	QPSK	17.897	19.189	PASS
B41	20	Mid	40620	2593	16QAM	17.869	19.350	PASS



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B41	20	Mid	40620	2593	64QAM	17.902	19.749	PASS
B41	20	High	41490	2680	QPSK	17.900	19.161	PASS
B41	20	High	41490	2680	16QAM	17.899	19.126	PASS
B41	20	High	41490	2680	64QAM	17.871	19.166	PASS



LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B66	1.4	Low	131979	1710.7	QPSK	1.0983	1.2842	PASS
B66	1.4	Low	131979	1710.7	16QAM	1.0899	1.2743	PASS
B66	1.4	Low	131979	1710.7	64QAM	1.1025	1.2959	PASS
B66	1.4	Mid	132322	1745	QPSK	1.1002	1.2852	PASS
B66	1.4	Mid	132322	1745	16QAM	1.1012	1.2857	PASS
B66	1.4	Mid	132322	1745	64QAM	1.0989	1.2955	PASS
B66	1.4	High	132665	1779.3	QPSK	1.0980	1.2684	PASS
B66	1.4	High	132665	1779.3	16QAM	1.1018	1.2891	PASS
B66	1.4	High	132665	1779.3	64QAM	1.1014	1.2780	PASS
B66	3	Low	131987	1711.5	QPSK	2.6967	2.9605	PASS
B66	3	Low	131987	1711.5	16QAM	2.7048	2.9838	PASS
B66	3	Low	131987	1711.5	64QAM	2.7032	2.9788	PASS
B66	3	Mid	132322	1745	QPSK	2.7011	2.9666	PASS
B66	3	Mid	132322	1745	16QAM	2.7022	2.9993	PASS
B66	3	Mid	132322	1745	64QAM	2.7032	2.9732	PASS
B66	3	High	132657	1778.5	QPSK	2.7034	3.0006	PASS
B66	3	High	132657	1778.5	16QAM	2.7026	2.9930	PASS
B66	3	High	132657	1778.5	64QAM	2.7089	2.9864	PASS
B66	5	Low	131997	1712.5	QPSK	4.4916	4.9574	PASS
B66	5	Low	131997	1712.5	16QAM	4.4929	4.8960	PASS
B66	5	Low	131997	1712.5	64QAM	4.4967	4.9837	PASS
B66	5	Mid	132322	1745	QPSK	4.4777	4.9925	PASS
B66	5	Mid	132322	1745	16QAM	4.4851	4.9596	PASS
B66	5	Mid	132322	1745	64QAM	4.4854	4.9726	PASS
B66	5	High	132647	1777.5	QPSK	4.4930	4.9547	PASS
B66	5	High	132647	1777.5	16QAM	4.4950	4.9876	PASS
B66	5	High	132647	1777.5	64QAM	4.4987	4.9768	PASS
B66	10	Low	132022	1715	QPSK	8.9317	9.6960	PASS
B66	10	Low	132022	1715	16QAM	8.9248	9.6569	PASS
B66	10	Low	132022	1715	64QAM	8.9346	9.7291	PASS
B66	10	Mid	132322	1745	QPSK	8.9540	9.6720	PASS
B66	10	Mid	132322	1745	16QAM	8.9427	9.7453	PASS
B66	10	Mid	132322	1745	64QAM	8.9410	9.7367	PASS
B66	10	High	132622	1775	QPSK	8.9667	9.8264	PASS
B66	10	High	132622	1775	16QAM	8.9524	9.7913	PASS



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B66	10	High	132622	1775	64QAM	8.9787	9.7748	PASS
B66	15	Low	132047	1717.5	QPSK	13.416	14.445	PASS
B66	15	Low	132047	1717.5	16QAM	13.383	14.553	PASS
B66	15	Low	132047	1717.5	64QAM	13.402	14.548	PASS
B66	15	Mid	132322	1745	QPSK	13.449	14.535	PASS
B66	15	Mid	132322	1745	16QAM	13.419	14.592	PASS
B66	15	Mid	132322	1745	64QAM	13.411	14.506	PASS
B66	15	High	132597	1772.5	QPSK	13.437	14.605	PASS
B66	15	High	132597	1772.5	16QAM	13.415	14.515	PASS
B66	15	High	132597	1772.5	64QAM	13.415	14.562	PASS
B66	20	Low	132072	1720	QPSK	17.815	19.171	PASS
B66	20	Low	132072	1720	16QAM	17.899	19.276	PASS
B66	20	Low	132072	1720	64QAM	17.839	19.168	PASS
B66	20	Mid	132322	1745	QPSK	17.881	19.204	PASS
B66	20	Mid	132322	1745	16QAM	17.865	19.176	PASS
B66	20	Mid	132322	1745	64QAM	17.854	19.230	PASS
B66	20	High	132572	1770	QPSK	17.857	19.263	PASS
B66	20	High	132572	1770	16QAM	17.884	19.235	PASS
B66	20	High	132572	1770	64QAM	17.865	19.415	PASS



LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B71	5	Low	133147	665.5	QPSK	4.4737	4.9030	PASS
B71	5	Low	133147	665.5	16QAM	4.4812	4.9694	PASS
B71	5	Low	133147	665.5	64QAM	4.4786	4.9320	PASS
B71	5	Mid	133297	680.5	QPSK	4.4897	4.9710	PASS
B71	5	Mid	133297	680.5	16QAM	4.4827	4.9824	PASS
B71	5	Mid	133297	680.5	64QAM	4.4906	4.9382	PASS
B71	5	High	133447	695.5	QPSK	4.4925	4.9918	PASS
B71	5	High	133447	695.5	16QAM	4.4912	4.9799	PASS
B71	5	High	133447	695.5	64QAM	4.4917	4.9283	PASS
B71	10	Low	133172	668	QPSK	8.9123	9.7406	PASS
B71	10	Low	133172	668	16QAM	8.8971	9.6970	PASS
B71	10	Low	133172	668	64QAM	8.9248	9.6993	PASS
B71	10	Mid	133297	680.5	QPSK	8.9689	9.7913	PASS
B71	10	Mid	133297	680.5	16QAM	8.9255	9.6560	PASS
B71	10	Mid	133297	680.5	64QAM	8.9344	9.7593	PASS
B71	10	High	133422	693	QPSK	8.9864	9.7859	PASS
B71	10	High	133422	693	16QAM	8.9409	9.7560	PASS
B71	10	High	133422	693	64QAM	8.9523	9.7927	PASS
B71	15	Low	133197	670.5	QPSK	13.361	14.425	PASS
B71	15	Low	133197	670.5	16QAM	13.393	14.669	PASS
B71	15	Low	133197	670.5	64QAM	13.376	14.707	PASS
B71	15	Mid	133297	680.5	QPSK	13.422	14.455	PASS
B71	15	Mid	133297	680.5	16QAM	13.428	14.511	PASS
B71	15	Mid	133297	680.5	64QAM	13.402	14.652	PASS
B71	15	High	133397	690.5	QPSK	13.451	14.495	PASS
B71	15	High	133397	690.5	16QAM	13.410	14.484	PASS
B71	15	High	133397	690.5	64QAM	13.387	14.624	PASS
B71	20	Low	133222	673	QPSK	17.828	19.204	PASS
B71	20	Low	133222	673	16QAM	17.826	19.226	PASS
B71	20	Low	133222	673	64QAM	17.834	19.253	PASS
B71	20	Mid	133322	683	QPSK	17.812	19.210	PASS
B71	20	Mid	133322	683	16QAM	17.825	19.270	PASS
B71	20	Mid	133322	683	64QAM	17.852	19.160	PASS
B71	20	High	133372	688	QPSK	17.818	19.321	PASS
B71	20	High	133372	688	16QAM	17.845	19.275	PASS



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B71	20	High	133372	688	64QAM	17.829	19.221	PASS
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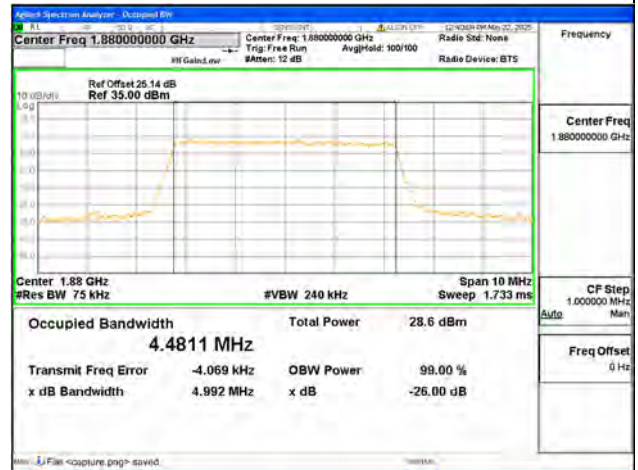
B2 / 5MHz / QPSK/ Low CH



B2 / 5MHz / 16QAM/ Low CH



B2 / 5MHz / 64QAM/ Low CH



B2 / 5MHz / QPSK/ Mid CH



B2 / 5MHz / 16QAM/ Mid CH



B2 / 5MHz / 64QAM/ Mid CH





B2 / 10MHz / QPSK/ Mid CH



B2 / 10MHz / 16QAM/ Mid CH



B2 / 10MHz / 64QAM/ Mid CH



B2 / 10MHz / QPSK/ High CH



B2 / 10MHz / 16QAM/ High CH



B2 / 10MHz / 64QAM/ High CH



B2 / 15MHz / QPSK/ Low CH



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B2 / 20MHz / QPSK/ Low CH



B2 / 20MHz / 16QAM/ Low CH



B2 / 20MHz / 64QAM/ Low CH



B2 / 20MHz / QPSK/ Mid CH



B2 / 20MHz / 16QAM/ Mid CH



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B2 / 20MHz / 16QAM/ High CH



B2 / 20MHz / 64QAM/ High CH







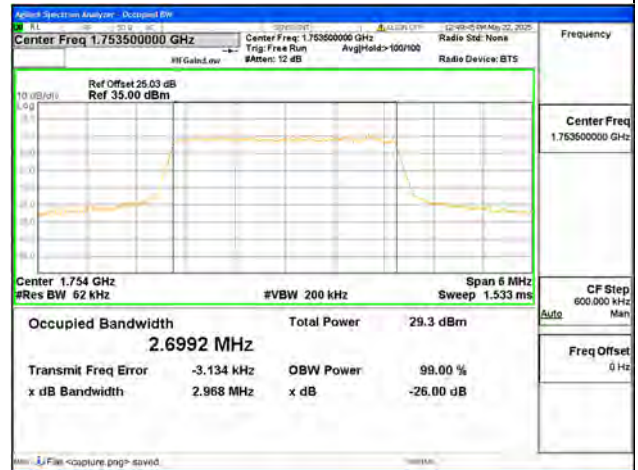
B4 / 3MHz / QPSK/ Mid CH



B4 / 3MHz / 16QAM/ Mid CH



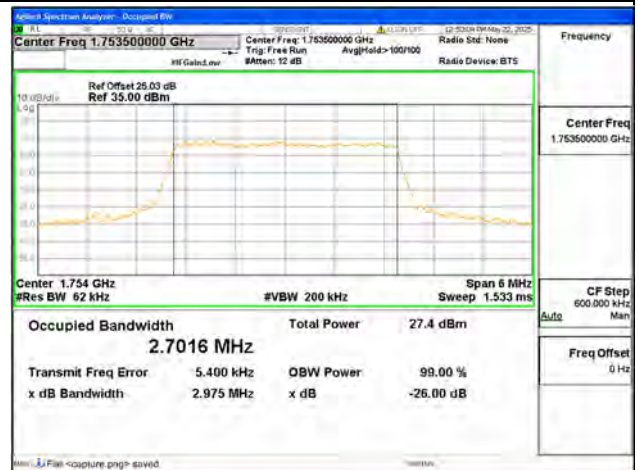
B4 / 3MHz / 64QAM/ Mid CH



B4 / 3MHz / QPSK/ High CH



B4 / 3MHz / 16QAM/ High CH



B4 / 3MHz / 64QAM/ High CH



B4 / 5MHz / QPSK/ Low CH



B4 / 5MHz / 16QAM/ Low CH



B4 / 5MHz / 64QAM/ Low CH



B4 / 5MHz / QPSK/ Mid CH



B4 / 5MHz / 16QAM/ Mid CH



B4 / 5MHz / 64QAM/ Mid CH



B4 / 5MHz / QPSK/ High CH



B4 / 5MHz / 16QAM/ High CH



B4 / 5MHz / 64QAM/ High CH



B4 / 10MHz / QPSK/ Low CH



B4 / 10MHz / 16QAM/ Low CH



B4 / 10MHz / 64QAM/ Low CH





B4 / 15MHz / QPSK/ Low CH



B4 / 15MHz / 16QAM/ Low CH



B4 / 15MHz / 64QAM/ Low CH



B4 / 15MHz / QPSK/ Mid CH



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B12 / 3MHz / QPSK/ Mid CH



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B12 / 3MHz / 64QAM/ Mid CH



B12 / 3MHz / QPSK/ High CH



B12 / 3MHz / 16QAM/ High CH



B12 / 3MHz / 64QAM/ High CH





B12 / 5MHz / QPSK/ High CH



B12 / 5MHz / 16QAM/ High CH



B12 / 5MHz / 64QAM/ High CH



B12 / 10MHz / QPSK/ Low CH



B12 / 10MHz / 16QAM/ Low CH



B12 / 10MHz / 64QAM/ Low CH













B17 / 10MHz / QPSK/ Mid CH



B17 / 10MHz / 16QAM/ Mid CH



B17 / 10MHz / 64QAM/ Mid CH



B17 / 10MHz / QPSK/ High CH



B17 / 10MHz / 16QAM/ High CH



B17 / 10MHz / 64QAM/ High CH



