



REPORT No.: SZ24090048W08

TEST REPORT

APPLICANT : Rhino Mobility LLC

PRODUCT NAME : Tablet

MODEL NAME : T105

PART NUMBER : T105-001-RHN-0A-001

BRAND NAME : RHINO

FCC ID : 2AUOUT105

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 : 2024-09-09

TEST DATE : 2024-10-10 to 2024-11-22

ISSUE DATE : 2024-11-26



Edited by:

Zeng Xiaoying
Zeng Xiaoying (Rapporteur)

Approved by:

Shen Junsheng
Shen Junsheng (Supervisor)

NOTE: This document is issued by Shenzhen Morlab Communications Technology Co., Ltd., the test report shall not be reproduced except in full without prior written permission of the company. The test results apply only to the particular sample(s) tested and to the specific tests carried out which is available on request for validation and information confirmed at our website.

MORLAB

Shenzhen Morlab Communications Technology Co., Ltd.
FL.1-3, Building A, FeiYang Science Park, No.8 LongChang Road,
Block67, BaoAn District, ShenZhen, Guangdong Province, P. R. China

Tel: 86-755-36698555
Http://www.morlab.cn

Fax: 86-755-36698525
E-mail: service@morlab.cn





DIRECTORY

1. Technical Information	3
1.1. Applicant and Manufacturer Information	3
1.2. Equipment Under Test (EUT) Description	3
1.3. Maximum E.R.P./E.I.R.P. and Emission Designator	6
1.4. Test Standards and Results	9
1.5. Environmental Conditions	10
2. 47 CFR Part 2, Part 22H, Part 24E, Part 27 D&F&H&L&M&N Requirements	11
2.1. Transmitter Conducted Output Power and E.R.P./E.I.R.P.	11
2.2. Occupied Bandwidth	147
2.3. Frequency Stability	265
2.4. Peak to Average Ratio	274
2.5. Conducted Spurious Emissions	319
2.6. Band Edge	368
2.7. Radiated Spurious Emissions	417
Annex A Test Uncertainty	518
Annex B Testing Laboratory Information	519

Change History		
Version	Date	Reason for change
1.0	2024-11-26	First edition



1. Technical Information

Note: Provide by applicant.

1.1. Applicant and Manufacturer Information

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

1.2. Equipment Under Test (EUT) Description

Product Name:	Tablet	
Sample No.:	1#, 11#	
Hardware Version:	T1007-MB_V1.0	
Software Version:	T105(001)_20241114	
Modulation Type:	QPSK, 16QAM, 64QAM	
Operation Band:	Band 2 / 4 / 5 / 7 / 12 / 13 / 17 / 18 / 19 / 25 / 26 / 30 / 38 / 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 38	Tx: 2570MHz–2620MHz
		Rx: 2570MHz–2620MHz
	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 38	5 MHz, 10MHz, 15MHz, 20MHz
	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	1.64dBi
	LTE Band 4	1.13dBi
	LTE Band 5	-1.38dBi

	LTE Band 7	1.44dBi
	LTE Band 12	-2.21dBi
	LTE Band 13	-2.54dBi
	LTE Band 17	-2.12dBi
	LTE Band 18	-1.88dBi
	LTE Band 19	-1.38dBi
	LTE Band 25	1.64dBi
	LTE Band 26	-1.38dBi
	LTE Band 30	0.16dBi
	LTE Band 38	0.51dBi
	LTE Band 41	1.44dBi
	LTE Band 66	1.41dBi
	LTE Band 71	-2.81dBi
	Battery	
Accessory Information:	Brand Name:	N/A
	Model No.:	BPT105
	Serial No.:	N/A
	Capacity:	7000mAh
	Rated Voltage:	3.85V
	Charge Limit:	4.4V
	Manufacturer:	Phenix New Energy (Huizhou) Co., Ltd.
	AC Adapter	
	Brand Name:	RHINO
	Model No.:	PS20C120K1670UC
	Serial No.:	N/A
	Rated Output:	5.0V $\Rightarrow$ 3.0A, 9.0V $\Rightarrow$ 2.22A, 12.0V $\Rightarrow$ 1.67A
	Rated Input:	100-240V $\sim$ 50/60Hz, 0.6A
	Manufacturer:	Shenzhen Flypower Technology Co., Ltd.
	USB Cable 1	
	Model No.:	USB TYPE C to C 2.0
	Manufacturer:	HUIZHOU WASHIN ELECTRONICS CO., LTD
	USB Cable 2	
	Model No.:	CP.SJ01.H.0422
	Manufacturer:	Dongguan Keling Electronic Technology Co., Ltd.

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



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

LTE Band 2	Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20	0.340	0.304	0.290	17M9G7D	18M0W7D	17M9W7D
15	0.337	0.301	0.291	13M4G7D	13M4W7D	13M5W7D
10	0.339	0.297	0.290	8M97G7D	8M97W7D	8M97W7D
5	0.337	0.303	0.284	4M49G7D	4M49W7D	4M49W7D
3	0.337	0.292	0.280	2M72G7D	2M72W7D	2M72W7D
1.4	0.336	0.294	0.283	1M11G7D	1M11W7D	1M11W7D
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	0.297	0.256	0.254	17M9G7D	17M9W7D	17M9W7D
15	0.295	0.262	0.247	13M4G7D	13M4W7D	13M5W7D
10	0.294	0.261	0.254	8M97G7D	8M97W7D	8M97W7D
5	0.296	0.262	0.249	4M49G7D	4M48W7D	4M48W7D
3	0.294	0.262	0.249	2M72G7D	2M72W7D	2M73W7D
1.4	0.294	0.258	0.252	1M11G7D	1M11W7D	1M11W7D
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	0.105	0.092	0.088	8M96G7D	8M96W7D	8M96W7D
5	0.104	0.094	0.088	4M48G7D	4M49W7D	4M48W7D
3	0.104	0.092	0.086	2M72G7D	2M72W7D	2M72W7D
1.4	0.105	0.092	0.089	1M10G7D	1M11W7D	1M10W7D
LTE Band 7	Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20	0.339	0.299	0.284	17M9G7D	17M9W7D	18M0W7D
15	0.325	0.286	0.275	13M4G7D	13M4W7D	13M4W7D
10	0.326	0.285	0.271	8M97G7D	8M97W7D	8M97W7D
5	0.324	0.292	0.277	4M49G7D	4M48W7D	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	0.090	0.077	0.077	8M95G7D	8M96W7D	8M98W7D
5	0.089	0.078	0.078	4M49G7D	4M48W7D	4M48W7D
3	0.088	0.080	0.077	2M71G7D	2M72W7D	2M71W7D
1.4	0.091	0.081	0.077	1M10G7D	1M11W7D	1M11W7D



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		0.084	0.073	0.070	8M95G7D	8M94W7D	8M96W7D
5		0.083	0.074	0.070	4M48G7D	4M48W7D	4M48W7D
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		0.091	0.080	0.077	8M98G7D	8M97W7D	8M95W7D
5		0.091	0.081	0.078	4M49G7D	4M49W7D	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		0.082	0.069	0.054	4M50G7D	4M49W7D	4M49W7D
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		0.107	0.091	0.091	13M4G7D	13M4W7D	13M5W7D
10		0.106	0.093	0.089	8M96G7D	8M96W7D	8M97W7D
5		0.105	0.091	0.087	4M49G7D	4M49W7D	4M48W7D
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		0.350	0.301	0.302	17M9G7D	17M9W7D	18M0W7D
15		0.347	0.297	0.299	13M4G7D	13M4W7D	13M5W7D
10		0.348	0.305	0.300	8M97G7D	8M98W7D	8M97W7D
5		0.348	0.305	0.294	4M48G7D	4M49W7D	4M49W7D
3		0.347	0.311	0.296	2M72G7D	2M72W7D	2M72W7D
1.4		0.345	0.315	0.296	1M11G7D	1M12W7D	1M11W7D
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		0.091	0.076	0.060	13M4G7D	13M4W7D	13M4W7D
10		0.094	0.080	0.065	8M96G7D	8M96W7D	8M95W7D
5		0.093	0.078	0.065	4M48G7D	4M49W7D	4M49W7D
3		0.092	0.082	0.062	2M72G7D	2M71W7D	2M72W7D
1.4		0.092	0.080	0.062	1M11G7D	1M11W7D	1M11W7D
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		0.238	0.203	0.196	8M96G7D	8M96W7D	8M95W7D
5		0.237	0.207	0.192	4M48G7D	4M49W7D	4M49W7D



LTE Band 38		Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20		0.271	0.244	0.225	18M0G7D	17M9W7D	17M9W7D
15		0.270	0.237	0.230	13M4G7D	13M5W7D	13M4W7D
10		0.268	0.239	0.229	8M97G7D	8M95W7D	8M97W7D
5		0.269	0.242	0.230	4M49G7D	4M48W7D	4M48W7D
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		0.343	0.285	0.273	17M9G7D	17M9W7D	17M9W7D
15		0.330	0.284	0.272	13M5G7D	13M5W7D	13M4W7D
10		0.328	0.287	0.274	8M97G7D	8M97W7D	8M97W7D
5		0.327	0.275	0.275	4M49G7D	4M48W7D	4M48W7D
3		0.326	0.281	0.276	2M73G7D	2M72W7D	2M72W7D
1.4		0.325	0.285	0.277	1M10G7D	1M11W7D	1M11W7D
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		0.077	0.065	0.064	17M9G7D	17M9W7D	17M9W7D
15		0.077	0.067	0.063	13M4G7D	13M4W7D	13M4W7D
10		0.076	0.067	0.064	8M97G7D	8M97W7D	8M95W7D
5		0.076	0.067	0.064	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	0.340	0.299	0.281	0.552	0.474	0.456
15	0.339	0.297	0.285	0.548	0.481	0.453
10	0.338	0.295	0.290	0.550	0.473	0.459
5	0.337	0.291	0.284	0.546	0.483	0.450
LTE Band 41	Emission Designator (99%OBW)					
	QPSK		16QAM		64QAM	
5	17M9G7D		17M9W7D		17M9W7D	
10	13M4G7D		13M5W7D		13M4W7D	
15	8M97G7D		8M96W7D		8M97W7D	
20	4M49G7D		4M49W7D		4M49W7D	



1.4. Test Standards and Results

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

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

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

Section	Description	Test Date	Test Engineer	Result	Method Determination /Remark
2.1046 22.913(a)(2) 24.232(c) 27.50(a)(3) 27.50(b)(10) 27.50(c)(10) 27.50(d)(4) 27.50(h)(2)	Transmitter Conducted Output Power and E.R.P./E.I.R.P.	Nov. 22, 2024	Zheng Jianhua	PASS	No deviation
2.1049	Occupied Bandwidth	Oct. 21,2024 to Nov. 22, 2024	Gan Jing	PASS	No deviation
2.1055 22.355 24.235 27.54	Frequency Stability	Nov. 19, 2024	Gan Jing	PASS	No deviation
24.232(d), 27.50(d)(5)	Peak to Average Radio	Oct. 21,2024 to Nov. 22, 2024	Gan Jing	PASS	No deviation
2.1051 22.917(a) 24.238(a) 27.53(a)(4) 27.53(c)(2) 27.53(g)	Conducted Spurious Emissions	Oct. 21,2024 to Nov. 22, 2024	Gan Jing	PASS	No deviation



27.53(h) 27.53(m)(4)					
2.1051 22.917(a) 24.238(a) 27.53(a)(4) 27.53(c)(2) 27.53(g) 27.53(h) 27.53(m)(4)	Band Edge	Oct. 21,2024 to Nov. 22, 2024	Gan Jing	PASS	No deviation
2.1053 22.917(a) 24.238(a) 27.53(a)(4) 27.53(c)(2) 27.53(g) 27.53(h) 27.53(m)(4)	Radiated Spurious Emissions	Nov. 14&15, 2024	Yang Lian	PASS	No deviation

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

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

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

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

1.5. Environmental Conditions

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

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



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

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

2.1.1. Requirement

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

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

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

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

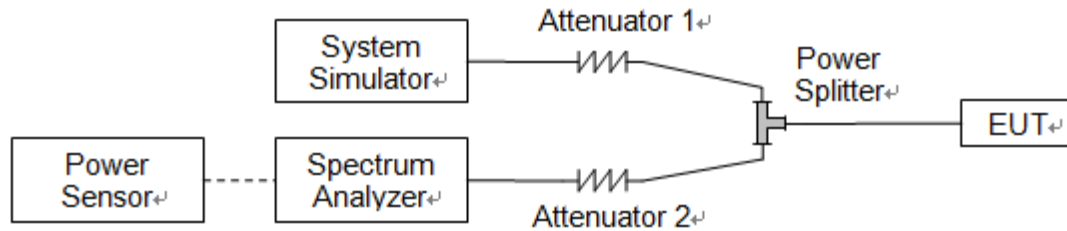
According to FCC section 27.50 (h)(2) for LTE Band 7/41, Mobile and other user stations. Mobile stations are limited to 2 watts E.I.R.P. All user stations are limited to 2 watts transmitter output power.

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

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

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

2.1.2. Test Description



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

2.1.3. Test Procedure

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

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

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

**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	23.67	23.58	23.54
20	QPSK	1	49	23.62	23.50	23.51
20	QPSK	1	99	23.56	23.54	23.45
20	QPSK	50	0	22.89	22.86	22.75
20	QPSK	50	24	22.86	22.69	22.71
20	QPSK	50	50	22.81	22.61	22.62
20	QPSK	100	0	22.82	22.74	22.74
20	16QAM	1	0	23.19	23.01	23.07
20	16QAM	1	49	22.83	23.19	22.92
20	16QAM	1	99	22.78	22.83	22.83
20	16QAM	50	0	21.85	21.85	21.91
20	16QAM	50	24	21.65	21.80	21.73
20	16QAM	50	50	21.61	21.80	21.62
20	16QAM	100	0	21.75	21.71	21.53
20	64QAM	1	0	22.99	22.99	22.77
20	64QAM	1	49	22.67	22.77	22.74
20	64QAM	1	99	22.89	22.84	22.67
20	64QAM	50	0	21.83	21.75	21.79
20	64QAM	50	24	21.75	21.77	21.72
20	64QAM	50	50	21.70	21.78	21.49
20	64QAM	100	0	21.69	21.80	21.55



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	23.64	23.60	23.56
15	QPSK	1	37	23.61	23.56	23.53
15	QPSK	1	74	23.55	23.53	23.52
15	QPSK	36	0	22.92	22.89	22.82
15	QPSK	36	20	22.77	22.63	22.73
15	QPSK	36	39	22.76	22.84	22.62
15	QPSK	75	0	22.85	22.74	22.61
15	16QAM	1	0	23.12	23.12	23.09
15	16QAM	1	37	23.14	23.03	22.97
15	16QAM	1	74	22.99	22.96	22.80
15	16QAM	36	0	21.67	21.81	21.70
15	16QAM	36	20	21.64	21.73	21.73
15	16QAM	36	39	21.66	21.58	21.59
15	16QAM	75	0	21.57	21.73	21.61
15	64QAM	1	0	22.87	22.90	22.86
15	64QAM	1	37	22.87	22.89	22.67
15	64QAM	1	74	22.82	23.00	22.75
15	64QAM	36	0	21.84	21.78	21.71
15	64QAM	36	20	21.58	21.64	21.74
15	64QAM	36	39	21.85	21.87	21.59
15	64QAM	75	0	21.70	21.81	21.80



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	23.66	23.61	23.57
10	QPSK	1	25	23.53	23.54	23.61
10	QPSK	1	49	23.61	23.47	23.48
10	QPSK	25	0	22.85	22.71	22.73
10	QPSK	25	12	22.63	22.74	22.84
10	QPSK	25	25	22.84	22.67	22.61
10	QPSK	50	0	22.79	22.72	22.69
10	16QAM	1	0	23.09	22.99	23.07
10	16QAM	1	25	23.02	23.01	22.97
10	16QAM	1	49	22.96	22.95	22.70
10	16QAM	25	0	21.81	21.75	21.89
10	16QAM	25	12	21.64	21.93	21.78
10	16QAM	25	25	21.65	21.71	21.60
10	16QAM	50	0	21.66	21.70	21.75
10	64QAM	1	0	22.99	22.75	22.93
10	64QAM	1	25	22.61	22.85	22.82
10	64QAM	1	49	22.74	22.66	22.69
10	64QAM	25	0	21.90	21.86	21.85
10	64QAM	25	12	21.64	21.77	21.79
10	64QAM	25	25	21.51	21.93	21.69
10	64QAM	50	0	21.87	21.59	21.74



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	23.63	23.60	23.62
5	QPSK	1	12	23.57	23.53	23.45
5	QPSK	1	24	23.46	23.38	23.47
5	QPSK	12	0	22.91	22.94	22.61
5	QPSK	12	7	22.82	22.75	22.60
5	QPSK	12	13	22.77	22.63	22.69
5	QPSK	25	0	22.97	22.86	22.86
5	16QAM	1	0	23.17	23.10	22.91
5	16QAM	1	12	22.85	23.14	23.00
5	16QAM	1	24	22.90	22.99	22.81
5	16QAM	12	0	21.74	21.93	21.81
5	16QAM	12	7	21.77	21.64	21.71
5	16QAM	12	13	21.68	21.87	21.73
5	16QAM	25	0	21.59	21.83	21.50
5	64QAM	1	0	22.87	22.77	22.82
5	64QAM	1	12	22.89	22.83	22.83
5	64QAM	1	24	22.69	22.66	22.49
5	64QAM	12	0	21.69	21.75	21.87
5	64QAM	12	7	21.89	21.98	21.85
5	64QAM	12	13	21.57	21.83	21.78
5	64QAM	25	0	21.58	21.88	21.63



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	23.64	23.55	23.51
3	QPSK	1	8	23.57	23.51	23.58
3	QPSK	1	14	23.50	23.43	23.56
3	QPSK	8	0	22.70	22.65	22.82
3	QPSK	8	4	22.57	22.72	22.51
3	QPSK	8	7	22.55	22.57	22.68
3	QPSK	15	0	22.54	22.61	22.54
3	16QAM	1	0	23.01	22.90	22.84
3	16QAM	1	8	22.94	22.96	22.61
3	16QAM	1	14	22.90	22.83	22.95
3	16QAM	8	0	21.82	21.80	21.71
3	16QAM	8	4	21.68	21.81	21.67
3	16QAM	8	7	21.53	21.72	21.62
3	16QAM	15	0	21.72	21.64	21.46
3	64QAM	1	0	22.72	22.75	22.50
3	64QAM	1	8	22.65	22.83	22.59
3	64QAM	1	14	22.47	22.68	22.65
3	64QAM	8	0	21.78	21.85	21.62
3	64QAM	8	4	21.79	21.80	21.76
3	64QAM	8	7	21.58	21.68	21.65
3	64QAM	15	0	21.57	21.79	21.68



LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18607	18900	19193
Frequency (MHz)				1850.7	1880	1909.3
1.4	QPSK	1	0	23.62	23.53	23.56
1.4	QPSK	1	3	23.44	23.46	23.52
1.4	QPSK	1	5	23.45	23.50	23.50
1.4	QPSK	3	0	22.88	22.89	22.66
1.4	QPSK	3	1	22.77	22.74	22.50
1.4	QPSK	3	3	22.61	22.59	22.50
1.4	QPSK	6	0	22.64	22.81	22.50
1.4	16QAM	1	0	22.92	22.89	22.98
1.4	16QAM	1	3	23.04	22.91	22.83
1.4	16QAM	1	5	22.95	22.91	22.68
1.4	16QAM	3	0	21.84	21.90	21.86
1.4	16QAM	3	1	21.76	21.72	21.65
1.4	16QAM	3	3	21.53	21.69	21.52
1.4	16QAM	6	0	21.67	21.71	21.41
1.4	64QAM	1	0	22.79	22.73	22.65
1.4	64QAM	1	3	22.74	22.86	22.66
1.4	64QAM	1	5	22.72	22.88	22.48
1.4	64QAM	3	0	21.75	21.72	21.70
1.4	64QAM	3	1	21.48	21.61	21.64
1.4	64QAM	3	3	21.60	21.76	21.55
1.4	64QAM	6	0	21.58	21.65	21.70



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20050	20175	20300
Frequency (MHz)				1720	1732.5	1745
20	QPSK	1	0	23.47	23.55	23.60
20	QPSK	1	49	23.39	23.53	23.53
20	QPSK	1	99	23.36	23.39	23.50
20	QPSK	50	0	22.88	22.89	22.91
20	QPSK	50	24	22.66	22.77	22.73
20	QPSK	50	50	22.63	22.67	22.80
20	QPSK	100	0	22.55	22.56	22.61
20	16QAM	1	0	22.91	22.93	22.95
20	16QAM	1	49	22.83	22.92	22.93
20	16QAM	1	99	22.88	22.96	22.71
20	16QAM	50	0	21.57	21.64	21.90
20	16QAM	50	24	21.69	21.63	21.69
20	16QAM	50	50	21.51	21.78	21.68
20	16QAM	100	0	21.62	21.66	21.69
20	64QAM	1	0	22.68	22.91	22.89
20	64QAM	1	49	22.75	22.75	22.60
20	64QAM	1	99	22.54	22.85	22.86
20	64QAM	50	0	21.65	21.84	21.85
20	64QAM	50	24	21.69	21.69	21.64
20	64QAM	50	50	21.57	21.84	21.59
20	64QAM	100	0	21.74	21.71	21.64



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	23.51	23.48	23.57
15	QPSK	1	37	23.50	23.45	23.55
15	QPSK	1	74	23.47	23.42	23.51
15	QPSK	36	0	22.63	22.58	22.68
15	QPSK	36	20	22.54	22.66	22.57
15	QPSK	36	39	22.69	22.54	22.69
15	QPSK	75	0	22.81	22.61	22.67
15	16QAM	1	0	22.92	22.88	23.03
15	16QAM	1	37	22.95	22.95	22.96
15	16QAM	1	74	22.85	23.05	22.74
15	16QAM	36	0	21.75	21.77	21.86
15	16QAM	36	20	21.74	21.75	21.75
15	16QAM	36	39	21.61	21.72	21.70
15	16QAM	75	0	21.46	21.52	21.65
15	64QAM	1	0	22.73	22.79	22.64
15	64QAM	1	37	22.71	22.64	22.79
15	64QAM	1	74	22.68	22.64	22.55
15	64QAM	36	0	21.71	21.63	21.72
15	64QAM	36	20	21.63	21.64	21.78
15	64QAM	36	39	21.39	21.55	21.47
15	64QAM	75	0	21.69	21.69	21.51



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	23.47	23.54	23.56
10	QPSK	1	25	23.41	23.49	23.52
10	QPSK	1	49	23.49	23.35	23.51
10	QPSK	25	0	22.78	22.58	22.73
10	QPSK	25	12	22.56	22.70	22.76
10	QPSK	25	25	22.81	22.61	22.66
10	QPSK	50	0	22.51	22.83	22.51
10	16QAM	1	0	22.78	23.04	22.92
10	16QAM	1	25	22.97	23.04	22.72
10	16QAM	1	49	22.82	22.83	22.72
10	16QAM	25	0	21.81	21.77	21.76
10	16QAM	25	12	21.62	21.79	21.57
10	16QAM	25	25	21.64	21.61	21.71
10	16QAM	50	0	21.48	21.72	21.63
10	64QAM	1	0	22.66	22.69	22.91
10	64QAM	1	25	22.56	22.80	22.58
10	64QAM	1	49	22.57	22.71	22.46
10	64QAM	25	0	21.70	21.83	21.86
10	64QAM	25	12	21.48	21.71	21.50
10	64QAM	25	25	21.73	21.53	21.64
10	64QAM	50	0	21.46	21.47	21.63



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	23.53	23.50	23.58
5	QPSK	1	12	23.48	23.33	23.47
5	QPSK	1	24	23.51	23.30	23.42
5	QPSK	12	0	22.64	22.74	22.80
5	QPSK	12	7	22.49	22.55	22.65
5	QPSK	12	13	22.73	22.45	22.75
5	QPSK	25	0	22.69	22.71	22.85
5	16QAM	1	0	23.01	22.85	22.95
5	16QAM	1	12	22.78	23.05	22.96
5	16QAM	1	24	22.85	22.95	22.99
5	16QAM	12	0	21.63	21.69	21.80
5	16QAM	12	7	21.51	21.61	21.69
5	16QAM	12	13	21.55	21.75	21.58
5	16QAM	25	0	21.70	21.65	21.69
5	64QAM	1	0	22.72	22.74	22.60
5	64QAM	1	12	22.72	22.57	22.80
5	64QAM	1	24	22.54	22.83	22.73
5	64QAM	12	0	21.85	21.83	21.62
5	64QAM	12	7	21.78	21.76	21.69
5	64QAM	12	13	21.61	21.81	21.66
5	64QAM	25	0	21.77	21.64	21.73



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	23.42	23.41	23.55
3	QPSK	1	8	23.34	23.38	23.48
3	QPSK	1	14	23.32	23.30	23.52
3	QPSK	8	0	22.67	22.91	22.92
3	QPSK	8	4	22.57	22.70	22.71
3	QPSK	8	7	22.62	22.59	22.71
3	QPSK	15	0	22.74	22.78	22.81
3	16QAM	1	0	23.05	22.86	22.75
3	16QAM	1	8	22.72	23.01	22.97
3	16QAM	1	14	22.85	22.97	22.73
3	16QAM	8	0	21.62	21.68	21.90
3	16QAM	8	4	21.65	21.50	21.46
3	16QAM	8	7	21.55	21.60	21.71
3	16QAM	15	0	21.49	21.41	21.76
3	64QAM	1	0	22.65	22.79	22.83
3	64QAM	1	8	22.56	22.58	22.74
3	64QAM	1	14	22.66	22.61	22.59
3	64QAM	8	0	21.74	21.71	21.83
3	64QAM	8	4	21.50	21.66	21.57
3	64QAM	8	7	21.68	21.63	21.55
3	64QAM	15	0	21.61	21.70	21.83



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	23.48	23.50	23.56
1.4	QPSK	1	3	23.29	23.46	23.43
1.4	QPSK	1	5	23.26	23.28	23.53
1.4	QPSK	3	0	22.86	22.85	22.79
1.4	QPSK	3	1	22.57	22.83	22.57
1.4	QPSK	3	3	22.64	22.77	22.63
1.4	QPSK	6	0	22.72	22.82	22.62
1.4	16QAM	1	0	22.89	22.81	22.84
1.4	16QAM	1	3	22.73	22.87	22.68
1.4	16QAM	1	5	22.65	22.82	22.99
1.4	16QAM	3	0	21.67	21.83	21.85
1.4	16QAM	3	1	21.50	21.80	21.68
1.4	16QAM	3	3	21.56	21.66	21.42
1.4	16QAM	6	0	21.51	21.39	21.76
1.4	64QAM	1	0	22.89	22.72	22.86
1.4	64QAM	1	3	22.70	22.73	22.68
1.4	64QAM	1	5	22.74	22.86	22.69
1.4	64QAM	3	0	21.79	21.62	21.86
1.4	64QAM	3	1	21.64	21.64	21.83
1.4	64QAM	3	3	21.68	21.54	21.65
1.4	64QAM	6	0	21.55	21.52	21.53



LTE Band 5						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20450	20525	20600
Frequency (MHz)				829	836.5	844
10	QPSK	1	0	23.73	23.76	23.68
10	QPSK	1	25	23.66	23.68	23.62
10	QPSK	1	49	23.59	23.64	23.60
10	QPSK	25	0	22.95	22.96	22.87
10	QPSK	25	12	22.79	22.89	22.83
10	QPSK	25	25	22.87	22.83	22.77
10	QPSK	50	0	22.89	22.90	22.80
10	16QAM	1	0	23.12	23.16	23.02
10	16QAM	1	25	23.08	23.13	22.94
10	16QAM	1	49	23.03	23.10	22.97
10	16QAM	25	0	21.94	21.96	21.88
10	16QAM	25	12	21.78	21.86	21.70
10	16QAM	25	25	21.67	21.85	21.69
10	16QAM	50	0	21.83	21.77	21.72
10	64QAM	1	0	22.94	22.98	22.87
10	64QAM	1	25	22.85	22.88	22.82
10	64QAM	1	49	22.81	22.93	22.74
10	64QAM	25	0	21.92	21.96	21.85
10	64QAM	25	12	21.83	21.90	21.80
10	64QAM	25	25	21.77	21.88	21.76
10	64QAM	50	0	21.84	21.84	21.79



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	23.70	23.72	23.60
5	QPSK	1	12	23.65	23.63	23.64
5	QPSK	1	24	23.62	23.68	23.58
5	QPSK	12	0	22.90	23.02	22.80
5	QPSK	12	7	22.81	22.84	22.83
5	QPSK	12	13	22.98	22.88	22.89
5	QPSK	25	0	22.71	22.98	22.67
5	16QAM	1	0	23.02	23.26	23.04
5	16QAM	1	12	23.01	23.22	22.96
5	16QAM	1	24	22.85	23.22	22.92
5	16QAM	12	0	21.87	21.89	21.87
5	16QAM	12	7	21.93	21.79	21.59
5	16QAM	12	13	21.49	21.87	21.71
5	16QAM	25	0	21.64	21.76	21.57
5	64QAM	1	0	22.88	22.96	22.84
5	64QAM	1	12	22.83	22.83	22.78
5	64QAM	1	24	22.86	22.92	22.59
5	64QAM	12	0	21.95	21.92	21.89
5	64QAM	12	7	21.70	21.83	21.74
5	64QAM	12	13	21.72	21.78	21.64
5	64QAM	25	0	21.85	21.98	21.59



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	23.68	23.70	23.60
3	QPSK	1	8	23.50	23.53	23.55
3	QPSK	1	14	23.58	23.66	23.51
3	QPSK	8	0	22.94	23.02	22.94
3	QPSK	8	4	22.86	22.95	22.71
3	QPSK	8	7	22.81	22.68	22.81
3	QPSK	15	0	22.69	22.83	22.95
3	16QAM	1	0	23.18	22.99	22.95
3	16QAM	1	8	22.88	23.17	22.74
3	16QAM	1	14	23.00	22.98	22.81
3	16QAM	8	0	21.81	21.99	21.81
3	16QAM	8	4	21.86	21.74	21.79
3	16QAM	8	7	21.56	21.68	21.81
3	16QAM	15	0	21.94	21.86	21.76
3	64QAM	1	0	22.82	22.90	22.72
3	64QAM	1	8	22.84	22.76	22.65
3	64QAM	1	14	22.79	22.81	22.56
3	64QAM	8	0	21.73	21.93	21.74
3	64QAM	8	4	21.84	21.91	21.85
3	64QAM	8	7	21.88	21.68	21.58
3	64QAM	15	0	21.68	21.82	21.59



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	23.74	23.73	23.62
1.4	QPSK	1	3	23.71	23.67	23.45
1.4	QPSK	1	5	23.52	23.45	23.55
1.4	QPSK	3	0	22.77	22.80	22.74
1.4	QPSK	3	1	22.66	22.95	22.66
1.4	QPSK	3	3	22.71	22.92	22.86
1.4	QPSK	6	0	22.76	22.78	22.73
1.4	16QAM	1	0	22.96	23.14	22.84
1.4	16QAM	1	3	23.02	23.17	23.01
1.4	16QAM	1	5	23.11	22.93	23.05
1.4	16QAM	3	0	21.75	21.89	21.77
1.4	16QAM	3	1	21.84	21.79	21.52
1.4	16QAM	3	3	21.70	21.77	21.78
1.4	16QAM	6	0	21.64	21.59	21.86
1.4	64QAM	1	0	22.77	23.03	22.98
1.4	64QAM	1	3	22.81	22.82	22.89
1.4	64QAM	1	5	22.62	22.90	22.77
1.4	64QAM	3	0	22.02	21.81	21.99
1.4	64QAM	3	1	21.71	21.88	21.80
1.4	64QAM	3	3	21.82	21.80	21.71
1.4	64QAM	6	0	21.99	21.82	21.77



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	23.71	23.74	23.86
20	QPSK	1	49	23.62	23.64	23.82
20	QPSK	1	99	23.76	23.52	23.68
20	QPSK	50	0	22.94	22.96	23.04
20	QPSK	50	24	22.82	22.83	22.87
20	QPSK	50	50	22.83	22.69	22.92
20	QPSK	100	0	22.94	22.90	22.99
20	16QAM	1	0	23.32	23.13	23.21
20	16QAM	1	49	23.10	23.05	23.14
20	16QAM	1	99	23.03	22.98	23.08
20	16QAM	50	0	21.81	22.07	22.09
20	16QAM	50	24	21.74	22.02	21.77
20	16QAM	50	50	21.82	21.99	21.86
20	16QAM	100	0	21.88	21.92	21.99
20	64QAM	1	0	23.09	22.85	22.81
20	64QAM	1	49	23.02	22.82	23.07
20	64QAM	1	99	22.90	23.10	22.89
20	64QAM	50	0	22.03	21.96	21.98
20	64QAM	50	24	21.71	21.88	22.07
20	64QAM	50	50	21.72	21.93	21.75
20	64QAM	100	0	21.78	22.01	22.08



LTE Band 7						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20825	21100	21375
Frequency (MHz)				2507.5	2535	2562.5
15	QPSK	1	0	23.54	23.63	23.68
15	QPSK	1	37	23.45	23.51	23.65
15	QPSK	1	74	23.46	23.39	23.58
15	QPSK	36	0	22.74	22.83	22.76
15	QPSK	36	20	22.55	22.70	22.69
15	QPSK	36	39	22.63	22.64	22.81
15	QPSK	75	0	22.71	22.85	22.71
15	16QAM	1	0	23.12	22.97	23.12
15	16QAM	1	37	22.83	23.11	22.86
15	16QAM	1	74	22.89	22.82	22.77
15	16QAM	36	0	21.92	21.84	21.69
15	16QAM	36	20	21.73	21.92	21.67
15	16QAM	36	39	21.55	21.64	21.80
15	16QAM	75	0	21.83	21.51	21.65
15	64QAM	1	0	22.79	22.96	22.66
15	64QAM	1	37	22.90	22.62	22.75
15	64QAM	1	74	22.80	22.85	22.84
15	64QAM	36	0	21.76	21.96	21.92
15	64QAM	36	20	21.72	21.82	21.84
15	64QAM	36	39	21.60	21.83	21.72
15	64QAM	75	0	21.56	21.68	21.64



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	23.54	23.61	23.69
10	QPSK	1	25	23.46	23.58	23.65
10	QPSK	1	49	23.51	23.42	23.63
10	QPSK	25	0	22.86	22.71	22.88
10	QPSK	25	12	22.65	22.73	22.69
10	QPSK	25	25	22.72	22.66	22.89
10	QPSK	50	0	22.80	22.67	22.59
10	16QAM	1	0	23.05	23.06	23.11
10	16QAM	1	25	22.98	22.92	22.74
10	16QAM	1	49	23.08	22.85	22.88
10	16QAM	25	0	21.73	21.90	21.98
10	16QAM	25	12	21.73	21.67	21.60
10	16QAM	25	25	21.74	21.81	21.79
10	16QAM	50	0	21.68	21.66	21.79
10	64QAM	1	0	22.78	22.83	22.89
10	64QAM	1	25	22.81	22.69	22.82
10	64QAM	1	49	22.53	22.78	22.75
10	64QAM	25	0	21.95	21.87	21.86
10	64QAM	25	12	21.85	21.87	21.71
10	64QAM	25	25	21.63	21.72	21.61
10	64QAM	50	0	21.70	21.78	21.82



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	23.51	23.59	23.67
5	QPSK	1	12	23.47	23.57	23.56
5	QPSK	1	24	23.40	23.52	23.59
5	QPSK	12	0	22.75	22.82	22.90
5	QPSK	12	7	22.68	22.68	22.89
5	QPSK	12	13	22.90	22.75	22.68
5	QPSK	25	0	22.79	22.88	22.85
5	16QAM	1	0	22.98	23.22	22.90
5	16QAM	1	12	22.93	23.15	22.86
5	16QAM	1	24	22.97	23.07	22.92
5	16QAM	12	0	21.74	21.91	21.87
5	16QAM	12	7	21.79	21.61	21.81
5	16QAM	12	13	21.63	21.80	21.81
5	16QAM	25	0	21.64	21.60	21.53
5	64QAM	1	0	22.74	22.99	22.80
5	64QAM	1	12	22.78	22.90	22.91
5	64QAM	1	24	22.57	22.98	22.86
5	64QAM	12	0	21.90	21.87	21.76
5	64QAM	12	7	21.72	21.63	21.68
5	64QAM	12	13	21.69	21.82	21.82
5	64QAM	25	0	21.85	21.89	21.81



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	23.85	23.92	23.80
10	QPSK	1	25	23.67	23.84	23.65
10	QPSK	1	49	23.82	23.70	23.71
10	QPSK	25	0	23.08	23.13	22.99
10	QPSK	25	12	23.02	23.08	23.08
10	QPSK	25	25	23.02	22.98	23.07
10	QPSK	50	0	22.98	23.04	22.98
10	16QAM	1	0	23.19	23.22	23.02
10	16QAM	1	25	23.13	23.20	22.90
10	16QAM	1	49	23.19	23.20	23.07
10	16QAM	25	0	21.99	22.13	22.09
10	16QAM	25	12	21.77	22.06	21.95
10	16QAM	25	25	21.87	22.04	21.88
10	16QAM	50	0	21.95	21.79	21.83
10	64QAM	1	0	23.19	23.20	22.94
10	64QAM	1	25	22.83	23.17	22.92
10	64QAM	1	49	22.99	22.88	22.86
10	64QAM	25	0	22.05	22.15	22.02
10	64QAM	25	12	21.96	21.90	21.96
10	64QAM	25	25	21.82	22.15	21.99
10	64QAM	50	0	21.95	21.95	21.75



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	23.81	23.87	23.78
5	QPSK	1	12	23.79	23.76	23.66
5	QPSK	1	24	23.64	23.71	23.77
5	QPSK	12	0	23.06	23.08	22.85
5	QPSK	12	7	23.01	23.07	23.02
5	QPSK	12	13	23.02	22.91	23.02
5	QPSK	25	0	22.86	22.88	22.87
5	16QAM	1	0	23.09	23.29	23.05
5	16QAM	1	12	23.10	23.26	23.00
5	16QAM	1	24	23.14	23.16	23.08
5	16QAM	12	0	21.92	22.07	21.83
5	16QAM	12	7	21.81	22.08	21.81
5	16QAM	12	13	21.78	21.83	21.88
5	16QAM	25	0	21.96	22.07	21.83
5	64QAM	1	0	22.94	23.27	22.90
5	64QAM	1	12	22.87	23.02	22.95
5	64QAM	1	24	22.81	22.89	22.86
5	64QAM	12	0	21.95	22.18	21.98
5	64QAM	12	7	21.81	22.00	21.76
5	64QAM	12	13	21.72	22.07	21.73
5	64QAM	25	0	21.90	21.98	22.01



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	23.80	23.82	23.73
3	QPSK	1	8	23.76	23.78	23.68
3	QPSK	1	14	23.68	23.72	23.70
3	QPSK	8	0	23.11	23.14	22.82
3	QPSK	8	4	23.04	22.89	22.81
3	QPSK	8	7	23.07	22.89	22.97
3	QPSK	15	0	22.89	23.16	22.93
3	16QAM	1	0	23.26	23.13	23.27
3	16QAM	1	8	23.31	23.37	23.02
3	16QAM	1	14	23.33	23.31	23.17
3	16QAM	8	0	22.13	22.11	21.87
3	16QAM	8	4	21.75	22.10	21.76
3	16QAM	8	7	21.83	21.84	21.85
3	16QAM	15	0	21.79	22.03	21.77
3	64QAM	1	0	23.08	23.12	23.06
3	64QAM	1	8	22.98	22.93	23.05
3	64QAM	1	14	22.90	23.21	22.96
3	64QAM	8	0	22.16	22.17	21.81
3	64QAM	8	4	21.92	22.20	21.85
3	64QAM	8	7	21.82	21.84	21.87
3	64QAM	15	0	21.90	21.91	21.91



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	23.75	23.80	23.73
1.4	QPSK	1	3	23.78	23.77	23.71
1.4	QPSK	1	5	23.56	23.94	23.65
1.4	QPSK	3	0	23.08	23.14	22.94
1.4	QPSK	3	1	22.74	22.92	22.84
1.4	QPSK	3	3	23.04	22.92	23.04
1.4	QPSK	6	0	22.94	22.99	22.94
1.4	16QAM	1	0	23.15	23.42	23.17
1.4	16QAM	1	3	23.12	23.29	23.01
1.4	16QAM	1	5	23.03	23.10	23.17
1.4	16QAM	3	0	21.94	22.07	21.92
1.4	16QAM	3	1	21.99	21.97	21.91
1.4	16QAM	3	3	21.79	21.89	21.73
1.4	16QAM	6	0	22.11	21.82	21.83
1.4	64QAM	1	0	23.22	22.97	23.04
1.4	64QAM	1	3	22.81	23.05	23.03
1.4	64QAM	1	5	22.92	23.16	22.77
1.4	64QAM	3	0	22.01	22.12	21.87
1.4	64QAM	3	1	22.11	22.03	21.89
1.4	64QAM	3	3	21.98	22.11	21.75
1.4	64QAM	6	0	21.94	21.86	21.86



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	/	23.91	/
10	QPSK	1	25	/	23.84	/
10	QPSK	1	49	/	23.75	/
10	QPSK	25	0	/	23.04	/
10	QPSK	25	12	/	22.90	/
10	QPSK	25	25	/	22.95	/
10	QPSK	50	0	/	23.02	/
10	16QAM	1	0	/	23.31	/
10	16QAM	1	25	/	23.27	/
10	16QAM	1	49	/	23.20	/
10	16QAM	25	0	/	21.99	/
10	16QAM	25	12	/	21.94	/
10	16QAM	25	25	/	21.89	/
10	16QAM	50	0	/	21.96	/
10	64QAM	1	0	/	23.14	/
10	64QAM	1	25	/	23.12	/
10	64QAM	1	49	/	22.99	/
10	64QAM	25	0	/	22.26	/
10	64QAM	25	12	/	22.16	/
10	64QAM	25	25	/	22.06	/
10	64QAM	50	0	/	22.10	/



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	23.85	23.87	23.86
5	QPSK	1	12	23.82	23.82	23.84
5	QPSK	1	24	23.86	23.66	23.72
5	QPSK	12	0	22.93	22.92	22.86
5	QPSK	12	7	22.93	23.05	22.89
5	QPSK	12	13	23.05	22.84	22.80
5	QPSK	25	0	22.92	23.00	23.01
5	16QAM	1	0	23.11	23.40	23.04
5	16QAM	1	12	23.11	23.40	22.97
5	16QAM	1	24	23.23	23.35	23.16
5	16QAM	12	0	22.04	22.01	21.96
5	16QAM	12	7	21.78	21.81	21.87
5	16QAM	12	13	21.73	21.81	21.70
5	16QAM	25	0	21.93	21.85	21.86
5	64QAM	1	0	22.91	23.06	22.95
5	64QAM	1	12	23.13	23.08	23.10
5	64QAM	1	24	22.96	22.98	22.97
5	64QAM	12	0	21.87	22.21	22.10
5	64QAM	12	7	21.87	21.92	21.92
5	64QAM	12	13	22.03	22.14	21.76
5	64QAM	25	0	21.82	21.87	21.96



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	23.77	23.88	23.79
10	QPSK	1	25	23.61	23.86	23.65
10	QPSK	1	49	23.65	23.67	23.70
10	QPSK	25	0	23.10	23.15	22.94
10	QPSK	25	12	23.01	22.87	23.06
10	QPSK	25	25	23.07	22.86	22.89
10	QPSK	50	0	22.93	22.87	22.74
10	16QAM	1	0	23.21	23.25	23.27
10	16QAM	1	25	23.15	23.24	22.97
10	16QAM	1	49	23.00	23.29	23.16
10	16QAM	25	0	21.94	22.04	21.91
10	16QAM	25	12	21.73	21.85	21.73
10	16QAM	25	25	21.79	21.98	21.77
10	16QAM	50	0	21.73	21.96	21.82
10	64QAM	1	0	23.06	23.11	22.90
10	64QAM	1	25	22.95	22.94	22.85
10	64QAM	1	49	22.97	23.02	22.98
10	64QAM	25	0	22.07	22.11	21.95
10	64QAM	25	12	21.88	21.96	21.72
10	64QAM	25	25	21.95	22.09	21.89
10	64QAM	50	0	21.90	21.78	21.86



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	23.83	23.86	23.72
5	QPSK	1	12	23.77	23.84	23.74
5	QPSK	1	24	23.73	23.55	23.63
5	QPSK	12	0	23.01	23.04	23.00
5	QPSK	12	7	22.94	22.90	22.80
5	QPSK	12	13	22.87	22.78	22.77
5	QPSK	25	0	22.79	22.89	22.90
5	16QAM	1	0	23.09	23.37	23.16
5	16QAM	1	12	23.30	23.08	22.95
5	16QAM	1	24	23.19	23.10	22.96
5	16QAM	12	0	22.03	22.09	22.04
5	16QAM	12	7	21.90	21.80	21.75
5	16QAM	12	13	21.86	22.00	21.72
5	16QAM	25	0	21.99	21.91	21.78
5	64QAM	1	0	22.91	23.18	22.81
5	64QAM	1	12	22.77	23.00	22.89
5	64QAM	1	24	23.02	23.09	22.88
5	64QAM	12	0	22.12	21.99	21.88
5	64QAM	12	7	21.94	21.87	21.74
5	64QAM	12	13	21.70	21.91	21.95
5	64QAM	25	0	21.96	21.87	21.80



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	22.68	23.16	23.11
5	QPSK	1	12	22.80	23.09	22.99
5	QPSK	1	24	22.85	23.05	23.02
5	QPSK	12	0	22.08	22.26	22.25
5	QPSK	12	7	21.98	22.32	21.97
5	QPSK	12	13	21.88	22.20	21.91
5	QPSK	25	0	22.01	22.05	22.23
5	16QAM	1	0	22.28	22.43	22.34
5	16QAM	1	12	22.17	22.34	22.29
5	16QAM	1	24	21.95	22.24	22.30
5	16QAM	12	0	21.06	21.25	21.30
5	16QAM	12	7	21.18	21.31	21.33
5	16QAM	12	13	21.11	21.19	21.23
5	16QAM	25	0	21.08	21.18	21.16
5	64QAM	1	0	20.95	21.14	20.96
5	64QAM	1	12	20.97	21.23	21.33
5	64QAM	1	24	20.97	21.03	21.28
5	64QAM	12	0	20.02	20.27	20.29
5	64QAM	12	7	20.17	20.20	20.31
5	64QAM	12	13	19.83	20.13	20.01
5	64QAM	25	0	19.93	20.11	20.13



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	/	23.81	/
15	QPSK	1	37	/	23.64	/
15	QPSK	1	74	/	23.60	/
15	QPSK	36	0	/	22.92	/
15	QPSK	36	20	/	22.90	/
15	QPSK	36	39	/	22.75	/
15	QPSK	75	0	/	22.84	/
15	16QAM	1	0	/	23.10	/
15	16QAM	1	37	/	23.08	/
15	16QAM	1	74	/	22.97	/
15	16QAM	36	0	/	21.91	/
15	16QAM	36	20	/	21.66	/
15	16QAM	36	39	/	21.95	/
15	16QAM	75	0	/	21.64	/
15	64QAM	1	0	/	23.10	/
15	64QAM	1	37	/	22.82	/
15	64QAM	1	74	/	23.03	/
15	64QAM	36	0	/	21.83	/
15	64QAM	36	20	/	21.72	/
15	64QAM	36	39	/	22.03	/
15	64QAM	75	0	/	21.75	/



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	23.75	23.77	23.71
10	QPSK	1	25	23.72	23.73	23.59
10	QPSK	1	49	23.53	23.52	23.52
10	QPSK	25	0	22.97	22.82	22.73
10	QPSK	25	12	22.76	22.97	22.97
10	QPSK	25	25	22.87	22.85	22.68
10	QPSK	50	0	22.98	22.96	22.95
10	16QAM	1	0	23.08	23.05	23.00
10	16QAM	1	25	23.10	23.19	22.80
10	16QAM	1	49	22.86	23.21	22.78
10	16QAM	25	0	21.95	21.90	21.84
10	16QAM	25	12	21.78	21.69	21.76
10	16QAM	25	25	21.55	21.67	21.71
10	16QAM	50	0	21.92	21.71	21.68
10	64QAM	1	0	23.02	22.95	22.88
10	64QAM	1	25	22.93	22.96	22.79
10	64QAM	1	49	22.79	22.82	22.72
10	64QAM	25	0	21.92	21.79	21.75
10	64QAM	25	12	21.77	21.78	21.70
10	64QAM	25	25	21.61	21.76	21.70
10	64QAM	50	0	21.74	21.79	21.67



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	23.63	23.76	23.67
5	QPSK	1	12	23.53	23.75	23.63
5	QPSK	1	24	23.67	23.58	23.49
5	QPSK	12	0	22.97	22.76	23.02
5	QPSK	12	7	22.77	22.78	22.76
5	QPSK	12	13	22.98	22.66	22.75
5	QPSK	25	0	22.91	22.97	22.75
5	16QAM	1	0	23.10	23.11	22.97
5	16QAM	1	12	22.99	23.05	22.80
5	16QAM	1	24	23.01	22.94	22.77
5	16QAM	12	0	21.98	22.04	21.82
5	16QAM	12	7	21.82	21.98	21.73
5	16QAM	12	13	21.82	21.76	21.79
5	16QAM	25	0	21.74	21.74	21.58
5	64QAM	1	0	22.90	22.91	22.73
5	64QAM	1	12	22.71	22.87	22.64
5	64QAM	1	24	22.90	22.90	22.74
5	64QAM	12	0	21.82	21.87	21.92
5	64QAM	12	7	21.82	21.99	21.92
5	64QAM	12	13	21.60	21.91	21.71
5	64QAM	25	0	21.82	21.86	21.91



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	23.80	23.78	23.71
20	QPSK	1	49	23.72	23.73	23.69
20	QPSK	1	99	23.66	23.74	23.58
20	QPSK	50	0	22.95	22.88	22.79
20	QPSK	50	24	22.66	22.89	22.82
20	QPSK	50	50	22.87	22.75	22.89
20	QPSK	100	0	22.89	22.77	22.78
20	16QAM	1	0	23.15	23.14	23.05
20	16QAM	1	49	23.06	23.05	22.92
20	16QAM	1	99	23.06	23.09	23.01
20	16QAM	50	0	22.07	21.90	21.91
20	16QAM	50	24	21.70	21.85	21.81
20	16QAM	50	50	21.71	22.06	21.97
20	16QAM	100	0	22.03	21.92	22.00
20	64QAM	1	0	23.10	23.16	23.12
20	64QAM	1	49	23.06	23.01	22.77
20	64QAM	1	99	22.91	22.89	22.79
20	64QAM	50	0	22.03	22.18	21.87
20	64QAM	50	24	22.02	21.92	21.98
20	64QAM	50	50	21.86	21.89	22.03
20	64QAM	100	0	21.94	21.96	21.97



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				26115	26365	26615
Frequency (MHz)				1857.5	1882.5	1907.5
15	QPSK	1	0	23.76	23.72	23.57
15	QPSK	1	37	23.62	23.68	23.58
15	QPSK	1	74	23.60	23.57	23.56
15	QPSK	36	0	22.96	22.89	22.96
15	QPSK	36	20	22.84	22.86	22.86
15	QPSK	36	39	22.96	22.79	22.93
15	QPSK	75	0	22.88	22.88	22.76
15	16QAM	1	0	23.09	23.05	23.02
15	16QAM	1	37	22.98	23.06	22.97
15	16QAM	1	74	22.91	22.98	22.96
15	16QAM	36	0	22.07	21.84	21.96
15	16QAM	36	20	21.75	21.98	21.87
15	16QAM	36	39	21.84	22.05	21.76
15	16QAM	75	0	22.03	21.84	21.75
15	64QAM	1	0	22.98	23.08	22.89
15	64QAM	1	37	22.93	22.79	23.11
15	64QAM	1	74	22.86	23.00	22.86
15	64QAM	36	0	22.04	21.87	21.83
15	64QAM	36	20	21.91	22.01	21.91
15	64QAM	36	39	21.92	21.98	21.99
15	64QAM	75	0	21.83	21.78	21.78



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	23.77	23.63	23.56
10	QPSK	1	25	23.68	23.71	23.51
10	QPSK	1	49	23.57	23.53	23.58
10	QPSK	25	0	22.88	22.87	23.03
10	QPSK	25	12	22.88	23.04	22.81
10	QPSK	25	25	22.91	22.87	22.76
10	QPSK	50	0	22.79	22.87	22.81
10	16QAM	1	0	23.19	23.21	23.07
10	16QAM	1	25	23.10	23.04	22.93
10	16QAM	1	49	23.09	23.14	22.96
10	16QAM	25	0	21.88	22.10	22.01
10	16QAM	25	12	21.93	21.73	21.71
10	16QAM	25	25	21.89	22.06	21.76
10	16QAM	50	0	22.02	21.77	21.89
10	64QAM	1	0	22.91	23.13	23.04
10	64QAM	1	25	22.99	22.89	23.06
10	64QAM	1	49	22.78	22.92	23.01
10	64QAM	25	0	22.06	22.05	22.06
10	64QAM	25	12	21.82	22.02	21.88
10	64QAM	25	25	21.71	22.06	21.76
10	64QAM	50	0	21.97	21.74	22.09



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	23.78	23.66	23.64
5	QPSK	1	12	23.71	23.55	23.67
5	QPSK	1	24	23.75	23.64	23.62
5	QPSK	12	0	23.12	22.93	23.03
5	QPSK	12	7	22.73	22.91	23.06
5	QPSK	12	13	22.93	22.88	22.84
5	QPSK	25	0	22.77	23.03	22.85
5	16QAM	1	0	23.20	23.11	23.12
5	16QAM	1	12	23.02	23.17	22.90
5	16QAM	1	24	23.15	23.09	23.02
5	16QAM	12	0	21.96	22.16	21.89
5	16QAM	12	7	21.90	22.01	21.84
5	16QAM	12	13	21.78	21.87	21.99
5	16QAM	25	0	22.01	21.75	21.96
5	64QAM	1	0	23.00	22.89	23.04
5	64QAM	1	12	22.73	22.99	22.91
5	64QAM	1	24	23.02	23.02	22.98
5	64QAM	12	0	21.79	21.87	22.01
5	64QAM	12	7	21.94	22.01	21.86
5	64QAM	12	13	21.66	21.90	21.88
5	64QAM	25	0	21.86	21.77	21.95



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	23.76	23.70	23.63
3	QPSK	1	8	23.60	23.60	23.59
3	QPSK	1	14	23.54	23.53	23.56
3	QPSK	8	0	23.07	22.95	23.07
3	QPSK	8	4	22.84	22.88	23.10
3	QPSK	8	7	22.96	22.80	23.07
3	QPSK	15	0	23.00	22.86	22.98
3	16QAM	1	0	23.28	23.25	23.06
3	16QAM	1	8	23.08	23.19	23.08
3	16QAM	1	14	22.94	23.29	23.13
3	16QAM	8	0	21.89	21.94	21.96
3	16QAM	8	4	22.00	21.89	21.82
3	16QAM	8	7	21.80	22.04	21.85
3	16QAM	15	0	21.83	21.84	21.89
3	64QAM	1	0	23.07	22.91	23.06
3	64QAM	1	8	22.89	22.85	22.96
3	64QAM	1	14	22.94	22.93	22.78
3	64QAM	8	0	22.08	22.14	22.15
3	64QAM	8	4	22.03	22.08	21.79
3	64QAM	8	7	21.69	21.99	21.88
3	64QAM	15	0	21.82	21.89	22.07



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	23.74	23.63	23.61
1.4	QPSK	1	3	23.72	23.59	23.58
1.4	QPSK	1	5	23.65	23.53	23.60
1.4	QPSK	3	0	23.02	22.83	23.02
1.4	QPSK	3	1	22.87	22.77	22.83
1.4	QPSK	3	3	22.82	22.78	22.73
1.4	QPSK	6	0	22.89	22.82	22.93
1.4	16QAM	1	0	23.34	23.04	23.27
1.4	16QAM	1	3	22.97	23.24	23.06
1.4	16QAM	1	5	23.16	23.26	23.16
1.4	16QAM	3	0	21.87	21.96	21.88
1.4	16QAM	3	1	21.84	21.99	21.73
1.4	16QAM	3	3	21.66	21.89	21.68
1.4	16QAM	6	0	21.83	21.79	21.96
1.4	64QAM	1	0	22.96	23.08	22.96
1.4	64QAM	1	3	22.79	23.04	23.04
1.4	64QAM	1	5	22.69	22.83	22.94
1.4	64QAM	3	0	21.86	21.93	22.01
1.4	64QAM	3	1	21.99	22.08	21.94
1.4	64QAM	3	3	21.88	21.97	21.81
1.4	64QAM	6	0	21.98	21.94	22.06



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	23.12	22.88	23.06
15	QPSK	1	37	22.94	23.08	23.12
15	QPSK	1	74	22.96	22.92	22.98
15	QPSK	36	0	22.07	22.08	21.83
15	QPSK	36	20	21.84	22.12	22.32
15	QPSK	36	39	21.85	22.08	22.10
15	QPSK	75	0	22.08	22.11	21.82
15	16QAM	1	0	22.15	22.13	22.21
15	16QAM	1	37	22.11	22.05	22.33
15	16QAM	1	74	22.10	22.05	22.17
15	16QAM	36	0	21.08	21.01	21.12
15	16QAM	36	20	21.19	21.24	21.15
15	16QAM	36	39	21.12	21.07	20.98
15	16QAM	75	0	21.10	21.14	21.00
15	64QAM	1	0	21.29	21.23	21.25
15	64QAM	1	37	21.03	21.04	21.00
15	64QAM	1	74	21.08	20.96	21.00
15	64QAM	36	0	20.09	20.11	20.16
15	64QAM	36	20	20.18	20.14	20.19
15	64QAM	36	39	20.20	20.26	20.07
15	64QAM	75	0	20.11	20.12	20.01



LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26840	26915	26990
Frequency (MHz)				829.0	836.5	844.0
10	QPSK	1	0	23.16	23.18	22.98
10	QPSK	1	25	23.13	23.26	23.09
10	QPSK	1	49	23.15	22.98	22.87
10	QPSK	25	0	22.08	22.18	22.06
10	QPSK	25	12	22.12	22.29	21.97
10	QPSK	25	25	21.90	22.37	22.19
10	QPSK	50	0	22.20	22.28	21.93
10	16QAM	1	0	22.58	22.04	22.19
10	16QAM	1	25	22.33	22.38	22.36
10	16QAM	1	49	22.19	22.37	22.33
10	16QAM	25	0	21.10	21.14	21.16
10	16QAM	25	12	21.29	21.29	21.14
10	16QAM	25	25	21.14	21.22	21.31
10	16QAM	50	0	21.22	21.18	21.16
10	64QAM	1	0	21.69	21.33	21.13
10	64QAM	1	25	21.49	21.43	21.35
10	64QAM	1	49	21.24	21.07	20.97
10	64QAM	25	0	20.09	20.16	20.14
10	64QAM	25	12	20.30	20.26	20.14
10	64QAM	25	25	20.15	20.22	20.12
10	64QAM	50	0	20.27	20.31	20.10



LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26815	26915	27015
Frequency (MHz)				826.5	836.5	846.5
5	QPSK	1	0	23.16	23.20	23.15
5	QPSK	1	12	23.18	23.05	23.01
5	QPSK	1	24	23.01	23.18	23.06
5	QPSK	12	0	22.22	22.20	22.25
5	QPSK	12	7	22.39	22.34	21.95
5	QPSK	12	13	22.63	22.27	22.22
5	QPSK	25	0	22.27	22.27	22.21
5	16QAM	1	0	22.47	22.35	22.22
5	16QAM	1	12	22.42	22.30	22.43
5	16QAM	1	24	22.27	22.38	22.28
5	16QAM	12	0	21.22	21.13	21.18
5	16QAM	12	7	21.41	21.32	21.25
5	16QAM	12	13	21.29	21.20	21.26
5	16QAM	25	0	21.18	21.19	21.11
5	64QAM	1	0	21.29	21.65	21.24
5	64QAM	1	12	21.23	21.29	21.06
5	64QAM	1	24	21.13	21.17	21.18
5	64QAM	12	0	20.07	20.08	20.21
5	64QAM	12	7	20.12	20.26	20.28
5	64QAM	12	13	20.21	20.34	20.21
5	64QAM	25	0	20.22	20.31	20.07



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	23.05	23.17	23.12
3	QPSK	1	8	23.16	23.09	23.06
3	QPSK	1	14	23.10	23.17	22.97
3	QPSK	8	0	22.18	22.07	22.21
3	QPSK	8	4	22.31	22.24	22.00
3	QPSK	8	7	22.20	22.21	22.22
3	QPSK	15	0	22.21	22.22	22.02
3	16QAM	1	0	22.60	22.41	22.22
3	16QAM	1	8	22.65	22.35	22.35
3	16QAM	1	14	22.54	22.34	22.16
3	16QAM	8	0	21.25	21.09	21.25
3	16QAM	8	4	21.20	21.28	21.21
3	16QAM	8	7	21.26	21.14	21.21
3	16QAM	15	0	21.19	21.22	21.20
3	64QAM	1	0	21.33	21.11	21.29
3	64QAM	1	8	21.44	21.05	21.25
3	64QAM	1	14	21.06	21.20	21.24
3	64QAM	8	0	20.26	20.29	20.09
3	64QAM	8	4	20.35	20.21	20.38
3	64QAM	8	7	20.20	20.25	20.22
3	64QAM	15	0	20.22	20.16	20.15



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	22.87	23.19	22.96
1.4	QPSK	1	3	23.05	23.00	23.03
1.4	QPSK	1	5	22.89	23.07	22.94
1.4	QPSK	3	0	23.02	22.98	22.81
1.4	QPSK	3	1	22.94	22.84	22.96
1.4	QPSK	3	3	23.01	23.19	22.88
1.4	QPSK	6	0	22.33	22.00	22.22
1.4	16QAM	1	0	22.38	22.37	22.26
1.4	16QAM	1	3	22.55	22.03	22.31
1.4	16QAM	1	5	22.27	22.24	22.10
1.4	16QAM	3	0	22.33	21.96	22.08
1.4	16QAM	3	1	22.34	22.21	22.04
1.4	16QAM	3	3	22.31	22.09	22.07
1.4	16QAM	6	0	21.29	21.22	21.13
1.4	64QAM	1	0	21.40	21.14	21.22
1.4	64QAM	1	3	21.43	21.27	21.28
1.4	64QAM	1	5	21.17	21.25	21.27
1.4	64QAM	3	0	21.22	21.12	21.06
1.4	64QAM	3	1	21.22	21.30	21.15
1.4	64QAM	3	3	21.37	21.05	21.18
1.4	64QAM	6	0	20.32	20.18	20.18



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	/	23.61	/
10	QPSK	1	25	/	23.57	/
10	QPSK	1	49	/	23.52	/
10	QPSK	25	0	/	22.67	/
10	QPSK	25	12	/	22.71	/
10	QPSK	25	25	/	22.65	/
10	QPSK	50	0	/	22.66	/
10	16QAM	1	0	/	22.92	/
10	16QAM	1	25	/	22.74	/
10	16QAM	1	49	/	22.71	/
10	16QAM	25	0	/	21.68	/
10	16QAM	25	12	/	21.64	/
10	16QAM	25	25	/	21.74	/
10	16QAM	50	0	/	21.62	/
10	64QAM	1	0	/	22.76	/
10	64QAM	1	25	/	22.68	/
10	64QAM	1	49	/	22.60	/
10	64QAM	25	0	/	21.62	/
10	64QAM	25	12	/	21.59	/
10	64QAM	25	25	/	21.55	/
10	64QAM	50	0	/	21.68	/



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	23.48	23.59	23.56
5	QPSK	1	12	23.36	23.50	23.50
5	QPSK	1	24	23.42	23.47	23.42
5	QPSK	12	0	22.63	22.79	22.73
5	QPSK	12	7	22.50	22.61	22.59
5	QPSK	12	13	22.72	22.63	22.61
5	QPSK	25	0	22.74	22.60	22.48
5	16QAM	1	0	22.85	22.90	22.70
5	16QAM	1	12	22.99	22.71	22.63
5	16QAM	1	24	22.75	22.92	22.76
5	16QAM	12	0	21.57	21.83	21.68
5	16QAM	12	7	21.61	21.60	21.69
5	16QAM	12	13	21.50	21.57	21.50
5	16QAM	25	0	21.75	21.44	21.59
5	64QAM	1	0	22.63	22.68	22.58
5	64QAM	1	12	22.45	22.58	22.58
5	64QAM	1	24	22.61	22.61	22.65
5	64QAM	12	0	21.54	21.78	21.71
5	64QAM	12	7	21.48	21.53	21.74
5	64QAM	12	13	21.62	21.57	21.74
5	64QAM	25	0	21.52	21.75	21.69



LTE Band 38						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				37850	38000	38150
Frequency (MHz)				2580	2595	2610
20	QPSK	1	0	23.80	23.82	23.77
20	QPSK	1	49	23.79	23.71	23.70
20	QPSK	1	99	23.68	23.64	23.72
20	QPSK	50	0	22.98	23.04	23.03
20	QPSK	50	24	22.76	22.98	23.02
20	QPSK	50	50	22.99	22.77	22.73
20	QPSK	100	0	22.79	22.85	22.78
20	16QAM	1	0	23.29	23.36	23.01
20	16QAM	1	49	23.02	23.02	23.12
20	16QAM	1	99	23.09	23.14	23.16
20	16QAM	50	0	22.05	22.04	21.87
20	16QAM	50	24	21.76	22.04	21.83
20	16QAM	50	50	21.80	21.74	21.85
20	16QAM	100	0	21.83	21.72	21.68
20	64QAM	1	0	22.97	22.98	23.02
20	64QAM	1	49	22.87	22.89	22.97
20	64QAM	1	99	22.97	23.02	22.71
20	64QAM	50	0	21.94	22.16	22.10
20	64QAM	50	24	21.96	22.12	21.86
20	64QAM	50	50	21.82	21.98	22.04
20	64QAM	100	0	21.71	21.97	21.88



LTE Band 38						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				37825	38000	38175
Frequency (MHz)				2577.5	2595	2612.5
15	QPSK	1	0	23.69	23.80	23.73
15	QPSK	1	37	23.71	23.74	23.62
15	QPSK	1	74	23.72	23.56	23.56
15	QPSK	36	0	22.84	23.06	23.05
15	QPSK	36	20	22.97	22.79	22.94
15	QPSK	36	39	22.77	23.00	22.99
15	QPSK	75	0	22.99	23.12	23.00
15	16QAM	1	0	23.00	23.08	23.16
15	16QAM	1	37	22.98	23.12	22.96
15	16QAM	1	74	22.91	23.17	23.24
15	16QAM	36	0	22.01	22.00	21.85
15	16QAM	36	20	21.69	22.02	21.97
15	16QAM	36	39	21.75	21.85	21.94
15	16QAM	75	0	21.97	21.80	21.70
15	64QAM	1	0	22.81	22.93	22.90
15	64QAM	1	37	22.90	23.09	23.11
15	64QAM	1	74	22.81	22.98	22.90
15	64QAM	36	0	21.86	21.83	21.92
15	64QAM	36	20	21.92	21.93	22.02
15	64QAM	36	39	21.66	21.85	21.75
15	64QAM	75	0	22.01	21.89	21.77



LTE Band 38						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				37800	38000	38200
Frequency (MHz)				2575	2595	2615
10	QPSK	1	0	23.73	23.77	23.67
10	QPSK	1	25	23.62	23.68	23.72
10	QPSK	1	49	23.69	23.74	23.74
10	QPSK	25	0	23.04	23.04	22.83
10	QPSK	25	12	22.75	22.77	22.87
10	QPSK	25	25	22.76	23.03	22.72
10	QPSK	50	0	22.78	22.88	23.04
10	16QAM	1	0	23.25	23.14	23.16
10	16QAM	1	25	22.99	23.16	23.07
10	16QAM	1	49	23.25	23.27	23.10
10	16QAM	25	0	21.94	22.07	22.05
10	16QAM	25	12	21.96	21.87	21.73
10	16QAM	25	25	21.77	21.75	21.97
10	16QAM	50	0	21.75	21.85	21.85
10	64QAM	1	0	22.90	23.03	23.02
10	64QAM	1	25	22.73	22.82	23.06
10	64QAM	1	49	22.97	23.09	22.81
10	64QAM	25	0	22.13	21.94	22.12
10	64QAM	25	12	21.99	21.79	21.84
10	64QAM	25	25	21.81	21.79	22.06
10	64QAM	50	0	21.99	21.86	21.99



LTE Band 38						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				37775	38000	38225
Frequency (MHz)				2572.5	2595	2617.5
5	QPSK	1	0	23.76	23.79	23.77
5	QPSK	1	12	23.75	23.76	23.75
5	QPSK	1	24	23.60	23.73	23.65
5	QPSK	12	0	22.97	22.97	22.89
5	QPSK	12	7	22.95	23.07	23.09
5	QPSK	12	13	23.07	22.95	22.98
5	QPSK	25	0	22.91	22.89	22.99
5	16QAM	1	0	23.17	23.32	23.19
5	16QAM	1	12	23.09	23.13	23.12
5	16QAM	1	24	23.19	23.20	23.04
5	16QAM	12	0	22.08	21.86	22.09
5	16QAM	12	7	21.96	21.99	21.78
5	16QAM	12	13	21.80	21.77	21.81
5	16QAM	25	0	21.99	21.71	21.84
5	64QAM	1	0	22.89	23.11	22.88
5	64QAM	1	12	22.85	23.10	23.02
5	64QAM	1	24	22.79	22.82	22.92
5	64QAM	12	0	21.96	22.04	22.09
5	64QAM	12	7	21.87	22.09	21.97
5	64QAM	12	13	21.86	21.76	21.87
5	64QAM	25	0	21.72	21.76	22.03



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	23.59	23.88	23.70
20	QPSK	1	49	23.54	23.85	23.60
20	QPSK	1	99	23.51	23.84	23.55
20	QPSK	50	0	22.82	23.13	23.00
20	QPSK	50	24	22.73	22.86	22.85
20	QPSK	50	50	22.71	22.95	22.93
20	QPSK	100	0	22.75	23.00	22.87
20	16QAM	1	0	23.06	23.17	23.22
20	16QAM	1	49	22.93	23.31	22.90
20	16QAM	1	99	22.98	23.19	22.90
20	16QAM	50	0	21.88	22.15	21.90
20	16QAM	50	24	21.75	22.09	21.90
20	16QAM	50	50	21.82	22.08	21.76
20	16QAM	100	0	21.82	21.95	21.83
20	64QAM	1	0	22.63	23.05	22.78
20	64QAM	1	49	22.71	22.94	22.94
20	64QAM	1	99	22.63	22.89	22.66
20	64QAM	50	0	21.72	22.14	21.90
20	64QAM	50	24	21.70	22.00	21.81
20	64QAM	50	50	21.75	21.84	21.77
20	64QAM	100	0	21.77	22.08	21.88



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	23.54	23.86	23.58
15	QPSK	1	37	23.46	23.82	23.55
15	QPSK	1	74	23.51	23.79	23.48
15	QPSK	36	0	22.83	23.00	22.77
15	QPSK	36	20	22.81	22.87	22.80
15	QPSK	36	39	22.69	23.00	22.67
15	QPSK	75	0	22.87	23.14	22.71
15	16QAM	1	0	22.92	23.29	22.92
15	16QAM	1	37	22.97	23.19	23.05
15	16QAM	1	74	22.91	23.17	23.02
15	16QAM	36	0	21.84	22.20	22.04
15	16QAM	36	20	21.78	21.89	21.88
15	16QAM	36	39	21.72	22.11	21.79
15	16QAM	75	0	21.66	21.77	21.90
15	64QAM	1	0	22.76	23.11	23.05
15	64QAM	1	37	22.82	23.07	22.84
15	64QAM	1	74	22.69	22.99	22.68
15	64QAM	36	0	21.87	22.07	21.70
15	64QAM	36	20	21.84	21.94	21.75
15	64QAM	36	39	21.71	22.01	21.63
15	64QAM	75	0	21.84	21.89	21.66



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	23.67	23.85	23.60
10	QPSK	1	25	23.36	23.76	23.44
10	QPSK	1	49	23.51	23.79	23.70
10	QPSK	25	0	22.72	23.19	22.93
10	QPSK	25	12	22.72	22.90	22.83
10	QPSK	25	25	22.71	22.92	22.75
10	QPSK	50	0	22.85	23.03	22.83
10	16QAM	1	0	23.04	23.26	22.96
10	16QAM	1	25	23.10	23.21	22.86
10	16QAM	1	49	22.93	23.09	22.98
10	16QAM	25	0	21.95	22.13	21.86
10	16QAM	25	12	21.71	22.10	21.71
10	16QAM	25	25	21.74	21.80	21.72
10	16QAM	50	0	21.85	21.99	21.93
10	64QAM	1	0	22.80	23.19	22.80
10	64QAM	1	25	22.83	23.09	22.77
10	64QAM	1	49	22.70	23.02	22.72
10	64QAM	25	0	21.75	22.06	21.84
10	64QAM	25	12	21.81	22.18	21.76
10	64QAM	25	25	21.69	22.03	21.77
10	64QAM	50	0	21.65	21.89	21.65



LTE Band 41 (Power Class 2)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39675	40620	41565
Frequency (MHz)				2498.5	2593	2687.5
5	QPSK	1	0	23.53	23.83	23.69
5	QPSK	1	12	23.52	23.68	23.63
5	QPSK	1	24	23.50	23.64	23.43
5	QPSK	12	0	22.93	23.11	23.01
5	QPSK	12	7	22.66	22.99	22.87
5	QPSK	12	13	22.71	23.04	22.79
5	QPSK	25	0	22.61	22.94	22.84
5	16QAM	1	0	22.81	23.20	22.89
5	16QAM	1	12	22.79	23.12	22.90
5	16QAM	1	24	22.84	23.15	22.82
5	16QAM	12	0	21.93	22.16	21.74
5	16QAM	12	7	21.81	21.90	21.74
5	16QAM	12	13	21.75	21.94	21.80
5	16QAM	25	0	21.74	22.07	21.85
5	64QAM	1	0	22.82	23.10	22.96
5	64QAM	1	12	22.62	23.05	22.78
5	64QAM	1	24	22.83	23.09	22.79
5	64QAM	12	0	21.60	22.01	21.78
5	64QAM	12	7	21.57	22.02	21.63
5	64QAM	12	13	21.69	21.94	21.62
5	64QAM	25	0	21.55	21.89	21.95



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	25.86	25.98	25.81
20	QPSK	1	49	25.73	25.76	25.54
20	QPSK	1	99	25.77	25.63	25.73
20	QPSK	50	0	24.95	25.05	24.99
20	QPSK	50	24	24.79	24.89	24.88
20	QPSK	50	50	24.87	24.83	24.81
20	QPSK	100	0	24.90	25.04	24.85
20	16QAM	1	0	25.12	25.32	25.07
20	16QAM	1	49	25.13	25.23	25.06
20	16QAM	1	99	25.01	25.27	24.89
20	16QAM	50	0	24.14	24.20	24.06
20	16QAM	50	24	23.91	24.07	23.74
20	16QAM	50	50	23.73	23.85	23.80
20	16QAM	100	0	23.96	24.01	23.84
20	64QAM	1	0	25.08	25.05	24.90
20	64QAM	1	49	25.07	25.15	24.75
20	64QAM	1	99	24.87	25.07	24.75
20	64QAM	50	0	24.06	24.00	23.85
20	64QAM	50	24	23.99	23.98	23.75
20	64QAM	50	50	24.00	23.91	23.87
20	64QAM	100	0	24.01	24.04	23.98



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	25.84	25.95	25.75
15	QPSK	1	37	25.80	25.70	25.68
15	QPSK	1	74	25.69	25.84	25.61
15	QPSK	36	0	25.08	25.11	24.90
15	QPSK	36	20	24.86	24.96	24.68
15	QPSK	36	39	24.80	24.92	24.83
15	QPSK	75	0	24.90	24.96	24.81
15	16QAM	1	0	25.34	25.38	25.06
15	16QAM	1	37	25.06	25.33	24.99
15	16QAM	1	74	25.03	25.19	25.00
15	16QAM	36	0	23.93	24.17	23.91
15	16QAM	36	20	24.03	24.14	23.90
15	16QAM	36	39	23.84	24.16	23.72
15	16QAM	75	0	24.09	24.02	23.98
15	64QAM	1	0	24.95	25.12	24.76
15	64QAM	1	37	25.01	24.94	24.88
15	64QAM	1	74	24.95	25.07	24.70
15	64QAM	36	0	24.05	24.14	23.92
15	64QAM	36	20	23.97	24.08	23.71
15	64QAM	36	39	23.97	24.05	23.88
15	64QAM	75	0	24.08	24.03	23.86



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	25.73	25.96	25.86
10	QPSK	1	25	25.85	25.70	25.58
10	QPSK	1	49	25.61	25.75	25.62
10	QPSK	25	0	25.16	25.04	24.99
10	QPSK	25	12	24.83	24.97	24.94
10	QPSK	25	25	25.06	25.04	24.77
10	QPSK	50	0	24.85	24.89	24.78
10	16QAM	1	0	25.29	25.26	25.15
10	16QAM	1	25	25.31	25.15	25.22
10	16QAM	1	49	25.13	25.28	24.93
10	16QAM	25	0	23.99	24.18	23.86
10	16QAM	25	12	23.69	23.97	23.78
10	16QAM	25	25	23.74	24.01	23.83
10	16QAM	50	0	23.95	23.80	23.82
10	64QAM	1	0	25.17	25.18	25.06
10	64QAM	1	25	24.94	24.88	24.95
10	64QAM	1	49	24.92	24.93	24.85
10	64QAM	25	0	23.87	24.15	23.84
10	64QAM	25	12	24.06	24.15	23.76
10	64QAM	25	25	23.76	24.14	23.84
10	64QAM	50	0	23.81	23.90	23.90



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	25.89	25.93	25.79
5	QPSK	1	12	25.59	25.82	25.69
5	QPSK	1	24	25.53	25.80	25.62
5	QPSK	12	0	25.10	25.08	24.77
5	QPSK	12	7	24.73	24.97	24.63
5	QPSK	12	13	24.97	25.07	24.74
5	QPSK	25	0	24.85	24.98	24.84
5	16QAM	1	0	25.11	25.40	25.08
5	16QAM	1	12	25.22	25.21	25.23
5	16QAM	1	24	25.23	25.13	25.16
5	16QAM	12	0	23.85	24.18	23.96
5	16QAM	12	7	23.98	24.11	23.82
5	16QAM	12	13	23.84	24.00	23.72
5	16QAM	25	0	23.95	23.83	23.87
5	64QAM	1	0	24.93	25.09	24.87
5	64QAM	1	12	24.95	24.89	24.85
5	64QAM	1	24	24.95	25.03	24.72
5	64QAM	12	0	24.07	24.18	23.98
5	64QAM	12	7	24.03	24.17	23.89
5	64QAM	12	13	23.94	24.11	23.68
5	64QAM	25	0	23.98	24.10	23.76



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				132072	132322	132572
Frequency (MHz)				1720	1745	1770
20	QPSK	1	0	23.71	23.76	23.94
20	QPSK	1	49	23.61	23.68	23.81
20	QPSK	1	99	23.68	23.73	23.83
20	QPSK	50	0	22.79	22.84	22.90
20	QPSK	50	24	22.71	22.71	22.86
20	QPSK	50	50	22.75	22.73	22.63
20	QPSK	100	0	22.74	22.64	22.81
20	16QAM	1	0	23.10	23.14	22.88
20	16QAM	1	49	23.14	23.01	23.02
20	16QAM	1	99	22.78	22.91	22.91
20	16QAM	50	0	21.79	21.86	21.86
20	16QAM	50	24	21.52	21.64	21.74
20	16QAM	50	50	21.71	21.75	21.74
20	16QAM	100	0	21.73	21.74	21.65
20	64QAM	1	0	22.68	22.85	22.95
20	64QAM	1	49	22.60	22.94	22.63
20	64QAM	1	99	22.76	22.71	22.87
20	64QAM	50	0	21.84	21.93	21.72
20	64QAM	50	24	21.80	21.64	21.76
20	64QAM	50	50	21.81	21.79	21.61
20	64QAM	100	0	21.76	21.73	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				132047	132322	132597
Frequency (MHz)				1717.5	1745	1772.5
15	QPSK	1	0	23.60	23.58	23.78
15	QPSK	1	37	23.44	23.62	23.63
15	QPSK	1	74	23.53	23.55	23.74
15	QPSK	36	0	22.75	22.79	22.77
15	QPSK	36	20	22.73	22.67	22.67
15	QPSK	36	39	22.80	22.72	22.57
15	QPSK	75	0	22.65	22.92	22.94
15	16QAM	1	0	22.98	22.96	22.96
15	16QAM	1	37	23.12	22.96	23.08
15	16QAM	1	74	22.98	23.01	23.08
15	16QAM	36	0	21.75	21.71	21.92
15	16QAM	36	20	21.60	21.68	21.58
15	16QAM	36	39	21.69	21.77	21.78
15	16QAM	75	0	21.73	21.62	21.65
15	64QAM	1	0	22.94	22.87	22.71
15	64QAM	1	37	22.83	22.92	22.92
15	64QAM	1	74	22.85	22.85	22.62
15	64QAM	36	0	21.86	21.85	21.79
15	64QAM	36	20	21.59	21.89	21.65
15	64QAM	36	39	21.52	21.88	21.74
15	64QAM	75	0	21.76	21.71	21.77



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	23.57	23.66	23.75
10	QPSK	1	25	23.43	23.65	23.62
10	QPSK	1	49	23.48	23.46	23.64
10	QPSK	25	0	22.94	22.78	22.74
10	QPSK	25	12	22.63	22.75	22.74
10	QPSK	25	25	22.82	22.82	22.74
10	QPSK	50	0	22.95	22.73	22.72
10	16QAM	1	0	23.17	23.08	23.01
10	16QAM	1	25	22.90	22.94	23.06
10	16QAM	1	49	23.04	22.90	22.80
10	16QAM	25	0	21.81	21.68	21.72
10	16QAM	25	12	21.69	21.70	21.64
10	16QAM	25	25	21.72	21.87	21.54
10	16QAM	50	0	21.58	21.72	21.81
10	64QAM	1	0	22.97	22.79	22.77
10	64QAM	1	25	22.59	22.86	22.96
10	64QAM	1	49	22.66	22.90	22.63
10	64QAM	25	0	21.82	21.68	21.74
10	64QAM	25	12	21.70	21.66	21.61
10	64QAM	25	25	21.70	21.90	21.65
10	64QAM	50	0	21.76	21.90	21.69



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	23.57	23.56	23.74
5	QPSK	1	12	23.38	23.49	23.61
5	QPSK	1	24	23.38	23.45	23.48
5	QPSK	12	0	22.87	22.83	22.78
5	QPSK	12	7	22.56	22.87	22.75
5	QPSK	12	13	22.89	22.62	22.64
5	QPSK	25	0	22.83	22.65	22.90
5	16QAM	1	0	22.94	22.92	22.98
5	16QAM	1	12	22.92	22.90	22.76
5	16QAM	1	24	22.95	22.88	22.86
5	16QAM	12	0	21.87	21.83	21.79
5	16QAM	12	7	21.82	21.77	21.63
5	16QAM	12	13	21.65	21.73	21.73
5	16QAM	25	0	21.85	21.64	21.56
5	64QAM	1	0	22.83	22.79	22.98
5	64QAM	1	12	22.86	22.76	22.97
5	64QAM	1	24	22.76	22.94	22.79
5	64QAM	12	0	21.65	21.92	21.91
5	64QAM	12	7	21.58	21.64	21.60
5	64QAM	12	13	21.73	21.69	21.58
5	64QAM	25	0	21.90	21.79	21.80



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				131987	132322	132657
Frequency (MHz)				1711.5	1745	1778.5
3	QPSK	1	0	23.59	23.60	23.72
3	QPSK	1	8	23.50	23.48	23.67
3	QPSK	1	14	23.48	23.53	23.65
3	QPSK	8	0	22.82	22.91	22.95
3	QPSK	8	4	22.76	22.86	22.72
3	QPSK	8	7	22.87	22.73	22.88
3	QPSK	15	0	22.88	22.76	22.62
3	16QAM	1	0	22.84	23.08	23.05
3	16QAM	1	8	22.86	23.03	23.00
3	16QAM	1	14	22.92	23.06	22.78
3	16QAM	8	0	21.87	21.92	21.95
3	16QAM	8	4	21.68	21.83	21.80
3	16QAM	8	7	21.70	21.81	21.78
3	16QAM	15	0	21.61	21.84	21.77
3	64QAM	1	0	23.00	22.78	22.79
3	64QAM	1	8	22.91	22.79	22.95
3	64QAM	1	14	22.61	22.98	22.77
3	64QAM	8	0	21.92	21.84	21.79
3	64QAM	8	4	21.79	21.78	21.89
3	64QAM	8	7	21.56	21.85	21.67
3	64QAM	15	0	21.87	21.85	21.90



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	23.66	23.62	23.71
1.4	QPSK	1	3	23.66	23.66	23.53
1.4	QPSK	1	5	23.51	23.60	23.62
1.4	QPSK	3	0	22.97	22.84	22.69
1.4	QPSK	3	1	22.73	22.89	22.88
1.4	QPSK	3	3	22.72	22.85	22.85
1.4	QPSK	6	0	22.80	22.85	22.86
1.4	16QAM	1	0	23.07	22.96	22.87
1.4	16QAM	1	3	23.10	23.14	22.86
1.4	16QAM	1	5	22.89	22.94	23.06
1.4	16QAM	3	0	21.90	21.85	21.96
1.4	16QAM	3	1	21.64	21.81	21.72
1.4	16QAM	3	3	21.70	21.68	21.79
1.4	16QAM	6	0	21.65	21.50	21.82
1.4	64QAM	1	0	22.98	23.01	22.72
1.4	64QAM	1	3	22.71	22.70	22.64
1.4	64QAM	1	5	22.81	22.96	22.58
1.4	64QAM	3	0	21.81	22.02	21.90
1.4	64QAM	3	1	21.84	21.82	21.62
1.4	64QAM	3	3	21.78	21.92	21.89
1.4	64QAM	6	0	21.67	21.75	21.81



LTE Band 71						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				133222	133322	133372
Frequency (MHz)				673	683	688
20	QPSK	1	0	23.80	23.83	23.75
20	QPSK	1	49	23.66	23.77	23.52
20	QPSK	1	99	23.63	23.55	23.65
20	QPSK	50	0	22.90	22.94	22.89
20	QPSK	50	24	22.66	22.82	22.72
20	QPSK	50	50	22.90	22.68	22.83
20	QPSK	100	0	22.80	22.97	22.69
20	16QAM	1	0	22.88	23.10	22.85
20	16QAM	1	49	22.94	23.11	22.90
20	16QAM	1	99	23.07	22.98	22.93
20	16QAM	50	0	21.98	21.88	21.76
20	16QAM	50	24	21.77	21.90	21.79
20	16QAM	50	50	21.71	21.86	21.67
20	16QAM	100	0	21.87	21.76	21.68
20	64QAM	1	0	22.99	22.94	22.69
20	64QAM	1	49	22.88	22.90	22.71
20	64QAM	1	99	22.65	22.94	22.59
20	64QAM	50	0	21.83	21.82	21.77
20	64QAM	50	24	21.82	21.91	21.70
20	64QAM	50	50	21.79	21.90	21.61
20	64QAM	100	0	21.60	21.76	21.66



LTE Band 71						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				133197	133297	133397
Frequency (MHz)				670.5	680.5	690.5
15	QPSK	1	0	23.77	23.80	23.73
15	QPSK	1	37	23.53	23.66	23.61
15	QPSK	1	74	23.64	23.74	23.45
15	QPSK	36	0	22.71	22.75	22.84
15	QPSK	36	20	22.83	22.74	22.58
15	QPSK	36	39	22.68	22.64	22.70
15	QPSK	75	0	22.77	22.69	22.83
15	16QAM	1	0	23.22	23.25	23.07
15	16QAM	1	37	23.04	23.01	22.84
15	16QAM	1	74	22.96	22.95	23.01
15	16QAM	36	0	21.83	21.84	21.82
15	16QAM	36	20	21.55	21.96	21.56
15	16QAM	36	39	21.76	21.71	21.78
15	16QAM	75	0	21.66	21.62	21.71
15	64QAM	1	0	22.80	22.86	22.92
15	64QAM	1	37	22.66	22.76	22.79
15	64QAM	1	74	22.82	22.84	22.65
15	64QAM	36	0	21.72	21.99	21.76
15	64QAM	36	20	21.66	21.72	21.74
15	64QAM	36	39	21.82	21.94	21.77
15	64QAM	75	0	21.88	21.67	21.55



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	23.69	23.78	23.67
10	QPSK	1	25	23.62	23.56	23.61
10	QPSK	1	49	23.52	23.61	23.63
10	QPSK	25	0	22.76	22.90	22.95
10	QPSK	25	12	22.56	22.90	22.82
10	QPSK	25	25	22.81	22.72	22.76
10	QPSK	50	0	22.74	22.85	22.64
10	16QAM	1	0	23.19	23.20	22.85
10	16QAM	1	25	23.04	23.11	22.81
10	16QAM	1	49	22.87	22.96	22.89
10	16QAM	25	0	21.93	21.97	21.77
10	16QAM	25	12	21.62	21.75	21.72
10	16QAM	25	25	21.71	21.72	21.60
10	16QAM	50	0	21.62	21.65	21.73
10	64QAM	1	0	22.75	23.00	22.72
10	64QAM	1	25	22.83	22.95	22.68
10	64QAM	1	49	22.57	22.96	22.62
10	64QAM	25	0	21.96	21.76	21.75
10	64QAM	25	12	21.62	21.88	21.69
10	64QAM	25	25	21.76	21.63	21.59
10	64QAM	50	0	21.81	21.84	21.76



LTE Band 71						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				133147	133247	133447
Frequency (MHz)				665.5	675.5	695.5
5	QPSK	1	0	23.66	23.77	23.68
5	QPSK	1	12	23.48	23.55	23.52
5	QPSK	1	24	23.56	23.65	23.54
5	QPSK	12	0	22.83	22.84	22.62
5	QPSK	12	7	22.77	22.74	22.58
5	QPSK	12	13	22.69	22.59	22.70
5	QPSK	25	0	22.96	22.97	22.62
5	16QAM	1	0	22.89	23.22	22.92
5	16QAM	1	12	23.00	22.94	22.83
5	16QAM	1	24	23.11	22.92	22.78
5	16QAM	12	0	21.70	21.71	21.74
5	16QAM	12	7	21.75	21.92	21.72
5	16QAM	12	13	21.67	21.67	21.61
5	16QAM	25	0	21.62	21.87	21.64
5	64QAM	1	0	22.77	23.02	22.92
5	64QAM	1	12	22.81	22.73	22.68
5	64QAM	1	24	22.70	22.87	22.69
5	64QAM	12	0	21.95	21.71	21.79
5	64QAM	12	7	21.58	21.90	21.64
5	64QAM	12	13	21.75	21.92	21.61
5	64QAM	25	0	21.81	21.92	21.80

**Effective Radiated Power and Effective Isotropic Radiated Power**

LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18700		18900		19100	
Frequency (MHz)				1860		1880		1900	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	25.31	0.340	25.22	0.333	25.18	0.330
20	QPSK	1	49	25.26	0.336	25.14	0.327	25.15	0.327
20	QPSK	1	99	25.20	0.331	25.18	0.330	25.09	0.323
20	QPSK	50	0	24.53	0.284	24.50	0.282	24.39	0.275
20	QPSK	50	24	24.50	0.282	24.33	0.271	24.35	0.272
20	QPSK	50	50	24.45	0.279	24.25	0.266	24.26	0.267
20	QPSK	100	0	24.46	0.279	24.38	0.274	24.38	0.274
20	16QAM	1	0	24.83	0.304	24.65	0.292	24.71	0.296
20	16QAM	1	49	24.47	0.280	24.83	0.304	24.56	0.286
20	16QAM	1	99	24.42	0.277	24.47	0.280	24.47	0.280
20	16QAM	50	0	23.49	0.223	23.49	0.223	23.55	0.226
20	16QAM	50	24	23.29	0.213	23.44	0.221	23.37	0.217
20	16QAM	50	50	23.25	0.211	23.44	0.221	23.26	0.212
20	16QAM	100	0	23.39	0.218	23.35	0.216	23.17	0.207
20	64QAM	1	0	24.63	0.290	24.63	0.290	24.41	0.276
20	64QAM	1	49	24.31	0.270	24.41	0.276	24.38	0.274
20	64QAM	1	99	24.53	0.284	24.48	0.281	24.31	0.270
20	64QAM	50	0	23.47	0.222	23.39	0.218	23.43	0.220
20	64QAM	50	24	23.39	0.218	23.41	0.219	23.36	0.217
20	64QAM	50	50	23.34	0.216	23.42	0.220	23.13	0.206
20	64QAM	100	0	23.33	0.215	23.44	0.221	23.19	0.208



LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18675		18900		19125	
Frequency (MHz)				1857.5		1880		1902.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	25.28	0.337	25.24	0.334	25.20	0.331
15	QPSK	1	37	25.25	0.335	25.20	0.331	25.17	0.329
15	QPSK	1	74	25.19	0.330	25.17	0.329	25.16	0.328
15	QPSK	36	0	24.56	0.286	24.53	0.284	24.46	0.279
15	QPSK	36	20	24.41	0.276	24.27	0.267	24.37	0.274
15	QPSK	36	39	24.40	0.275	24.48	0.281	24.26	0.267
15	QPSK	75	0	24.49	0.281	24.38	0.274	24.25	0.266
15	16QAM	1	0	24.76	0.299	24.76	0.299	24.73	0.297
15	16QAM	1	37	24.78	0.301	24.67	0.293	24.61	0.289
15	16QAM	1	74	24.63	0.290	24.60	0.288	24.44	0.278
15	16QAM	36	0	23.31	0.214	23.45	0.221	23.34	0.216
15	16QAM	36	20	23.28	0.213	23.37	0.217	23.37	0.217
15	16QAM	36	39	23.30	0.214	23.22	0.210	23.23	0.210
15	16QAM	75	0	23.21	0.209	23.37	0.217	23.25	0.211
15	64QAM	1	0	24.51	0.282	24.54	0.284	24.50	0.282
15	64QAM	1	37	24.51	0.282	24.53	0.284	24.31	0.270
15	64QAM	1	74	24.46	0.279	24.64	0.291	24.39	0.275
15	64QAM	36	0	23.48	0.223	23.42	0.220	23.35	0.216
15	64QAM	36	20	23.22	0.210	23.28	0.213	23.38	0.218
15	64QAM	36	39	23.49	0.223	23.51	0.224	23.23	0.210
15	64QAM	75	0	23.34	0.216	23.45	0.221	23.44	0.221



LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18650		18900		19150	
Frequency (MHz)				1855		1880		1905	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	25.30	0.339	25.25	0.335	25.21	0.332
10	QPSK	1	25	25.17	0.329	25.18	0.330	25.25	0.335
10	QPSK	1	49	25.25	0.335	25.11	0.324	25.12	0.325
10	QPSK	25	0	24.49	0.281	24.35	0.272	24.37	0.274
10	QPSK	25	12	24.27	0.267	24.38	0.274	24.48	0.281
10	QPSK	25	25	24.48	0.281	24.31	0.270	24.25	0.266
10	QPSK	50	0	24.43	0.277	24.36	0.273	24.33	0.271
10	16QAM	1	0	24.73	0.297	24.63	0.290	24.71	0.296
10	16QAM	1	25	24.66	0.292	24.65	0.292	24.61	0.289
10	16QAM	1	49	24.60	0.288	24.59	0.288	24.34	0.272
10	16QAM	25	0	23.45	0.221	23.39	0.218	23.53	0.225
10	16QAM	25	12	23.28	0.213	23.57	0.228	23.42	0.220
10	16QAM	25	25	23.29	0.213	23.35	0.216	23.24	0.211
10	16QAM	50	0	23.30	0.214	23.34	0.216	23.39	0.218
10	64QAM	1	0	24.63	0.290	24.39	0.275	24.57	0.286
10	64QAM	1	25	24.25	0.266	24.49	0.281	24.46	0.279
10	64QAM	1	49	24.38	0.274	24.30	0.269	24.33	0.271
10	64QAM	25	0	23.54	0.226	23.50	0.224	23.49	0.223
10	64QAM	25	12	23.28	0.213	23.41	0.219	23.43	0.220
10	64QAM	25	25	23.15	0.207	23.57	0.228	23.33	0.215
10	64QAM	50	0	23.51	0.224	23.23	0.210	23.38	0.218



LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18625		18900		19175	
Frequency (MHz)				1852.5		1880		1907.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	25.27	0.337	25.24	0.334	25.26	0.336
5	QPSK	1	12	25.21	0.332	25.17	0.329	25.09	0.323
5	QPSK	1	24	25.10	0.324	25.02	0.318	25.11	0.324
5	QPSK	12	0	24.55	0.285	24.58	0.287	24.25	0.266
5	QPSK	12	7	24.46	0.279	24.39	0.275	24.24	0.265
5	QPSK	12	13	24.41	0.276	24.27	0.267	24.33	0.271
5	QPSK	25	0	24.61	0.289	24.50	0.282	24.50	0.282
5	16QAM	1	0	24.81	0.303	24.74	0.298	24.55	0.285
5	16QAM	1	12	24.49	0.281	24.78	0.301	24.64	0.291
5	16QAM	1	24	24.54	0.284	24.63	0.290	24.45	0.279
5	16QAM	12	0	23.38	0.218	23.57	0.228	23.45	0.221
5	16QAM	12	7	23.41	0.219	23.28	0.213	23.35	0.216
5	16QAM	12	13	23.32	0.215	23.51	0.224	23.37	0.217
5	16QAM	25	0	23.23	0.210	23.47	0.222	23.14	0.206
5	64QAM	1	0	24.51	0.282	24.41	0.276	24.46	0.279
5	64QAM	1	12	24.53	0.284	24.47	0.280	24.47	0.280
5	64QAM	1	24	24.33	0.271	24.30	0.269	24.13	0.259
5	64QAM	12	0	23.33	0.215	23.39	0.218	23.51	0.224
5	64QAM	12	7	23.53	0.225	23.62	0.230	23.49	0.223
5	64QAM	12	13	23.21	0.209	23.47	0.222	23.42	0.220
5	64QAM	25	0	23.22	0.210	23.52	0.225	23.27	0.212



LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18615		18900		19185	
Frequency (MHz)				1851.5		1880		1908.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	25.28	0.337	25.19	0.330	25.15	0.327
3	QPSK	1	8	25.21	0.332	25.15	0.327	25.22	0.333
3	QPSK	1	14	25.14	0.327	25.07	0.321	25.20	0.331
3	QPSK	8	0	24.34	0.272	24.29	0.269	24.46	0.279
3	QPSK	8	4	24.21	0.264	24.36	0.273	24.15	0.260
3	QPSK	8	7	24.19	0.262	24.21	0.264	24.32	0.270
3	QPSK	15	0	24.18	0.262	24.25	0.266	24.18	0.262
3	16QAM	1	0	24.65	0.292	24.54	0.284	24.48	0.281
3	16QAM	1	8	24.58	0.287	24.60	0.288	24.25	0.266
3	16QAM	1	14	24.54	0.284	24.47	0.280	24.59	0.288
3	16QAM	8	0	23.46	0.222	23.44	0.221	23.35	0.216
3	16QAM	8	4	23.32	0.215	23.45	0.221	23.31	0.214
3	16QAM	8	7	23.17	0.207	23.36	0.217	23.26	0.212
3	16QAM	15	0	23.36	0.217	23.28	0.213	23.10	0.204
3	64QAM	1	0	24.36	0.273	24.39	0.275	24.14	0.259
3	64QAM	1	8	24.29	0.269	24.47	0.280	24.23	0.265
3	64QAM	1	14	24.11	0.258	24.32	0.270	24.29	0.269
3	64QAM	8	0	23.42	0.220	23.49	0.223	23.26	0.212
3	64QAM	8	4	23.43	0.220	23.44	0.221	23.40	0.219
3	64QAM	8	7	23.22	0.210	23.32	0.215	23.29	0.213
3	64QAM	15	0	23.21	0.209	23.43	0.220	23.32	0.215



LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18607		18900		19193	
Frequency (MHz)				1850.7		1880		1909.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	25.26	0.336	25.17	0.329	25.20	0.331
1.4	QPSK	1	3	25.08	0.322	25.10	0.324	25.16	0.328
1.4	QPSK	1	5	25.09	0.323	25.14	0.327	25.14	0.327
1.4	QPSK	3	0	24.52	0.283	24.53	0.284	24.30	0.269
1.4	QPSK	3	1	24.41	0.276	24.38	0.274	24.14	0.259
1.4	QPSK	3	3	24.25	0.266	24.23	0.265	24.14	0.259
1.4	QPSK	6	0	24.28	0.268	24.45	0.279	24.14	0.259
1.4	16QAM	1	0	24.56	0.286	24.53	0.284	24.62	0.290
1.4	16QAM	1	3	24.68	0.294	24.55	0.285	24.47	0.280
1.4	16QAM	1	5	24.59	0.288	24.55	0.285	24.32	0.270
1.4	16QAM	3	0	23.48	0.223	23.54	0.226	23.50	0.224
1.4	16QAM	3	1	23.40	0.219	23.36	0.217	23.29	0.213
1.4	16QAM	3	3	23.17	0.207	23.33	0.215	23.16	0.207
1.4	16QAM	6	0	23.31	0.214	23.35	0.216	23.05	0.202
1.4	64QAM	1	0	24.43	0.277	24.37	0.274	24.29	0.269
1.4	64QAM	1	3	24.38	0.274	24.50	0.282	24.30	0.269
1.4	64QAM	1	5	24.36	0.273	24.52	0.283	24.12	0.258
1.4	64QAM	3	0	23.39	0.218	23.36	0.217	23.34	0.216
1.4	64QAM	3	1	23.12	0.205	23.25	0.211	23.28	0.213
1.4	64QAM	3	3	23.24	0.211	23.40	0.219	23.19	0.208
1.4	64QAM	6	0	23.22	0.210	23.29	0.213	23.34	0.216



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20050		20175		20300	
Frequency (MHz)				1720		1732.5		1745	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	24.60	0.288	24.68	0.294	24.73	0.297
20	QPSK	1	49	24.52	0.283	24.66	0.292	24.66	0.292
20	QPSK	1	99	24.49	0.281	24.52	0.283	24.63	0.290
20	QPSK	50	0	24.01	0.252	24.02	0.252	24.04	0.254
20	QPSK	50	24	23.79	0.239	23.90	0.245	23.86	0.243
20	QPSK	50	50	23.76	0.238	23.80	0.240	23.93	0.247
20	QPSK	100	0	23.68	0.233	23.69	0.234	23.74	0.237
20	16QAM	1	0	24.04	0.254	24.06	0.255	24.08	0.256
20	16QAM	1	49	23.96	0.249	24.05	0.254	24.06	0.255
20	16QAM	1	99	24.01	0.252	24.09	0.256	23.84	0.242
20	16QAM	50	0	22.70	0.186	22.77	0.189	23.03	0.201
20	16QAM	50	24	22.82	0.191	22.76	0.189	22.82	0.191
20	16QAM	50	50	22.64	0.184	22.91	0.195	22.81	0.191
20	16QAM	100	0	22.75	0.188	22.79	0.190	22.82	0.191
20	64QAM	1	0	23.81	0.240	24.04	0.254	24.02	0.252
20	64QAM	1	49	23.88	0.244	23.88	0.244	23.73	0.236
20	64QAM	1	99	23.67	0.233	23.98	0.250	23.99	0.251
20	64QAM	50	0	22.78	0.190	22.97	0.198	22.98	0.199
20	64QAM	50	24	22.82	0.191	22.82	0.191	22.77	0.189
20	64QAM	50	50	22.70	0.186	22.97	0.198	22.72	0.187
20	64QAM	100	0	22.87	0.194	22.84	0.192	22.77	0.189



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20025		20175		20325	
Frequency (MHz)				1717.5		1732.5		1747.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	24.64	0.291	24.61	0.289	24.70	0.295
15	QPSK	1	37	24.63	0.290	24.58	0.287	24.68	0.294
15	QPSK	1	74	24.60	0.288	24.55	0.285	24.64	0.291
15	QPSK	36	0	23.76	0.238	23.71	0.235	23.81	0.240
15	QPSK	36	20	23.67	0.233	23.79	0.239	23.70	0.234
15	QPSK	36	39	23.82	0.241	23.67	0.233	23.82	0.241
15	QPSK	75	0	23.94	0.248	23.74	0.237	23.80	0.240
15	16QAM	1	0	24.05	0.254	24.01	0.252	24.16	0.261
15	16QAM	1	37	24.08	0.256	24.08	0.256	24.09	0.256
15	16QAM	1	74	23.98	0.250	24.18	0.262	23.87	0.244
15	16QAM	36	0	22.88	0.194	22.90	0.195	22.99	0.199
15	16QAM	36	20	22.87	0.194	22.88	0.194	22.88	0.194
15	16QAM	36	39	22.74	0.188	22.85	0.193	22.83	0.192
15	16QAM	75	0	22.59	0.182	22.65	0.184	22.78	0.190
15	64QAM	1	0	23.86	0.243	23.92	0.247	23.77	0.238
15	64QAM	1	37	23.84	0.242	23.77	0.238	23.92	0.247
15	64QAM	1	74	23.81	0.240	23.77	0.238	23.68	0.233
15	64QAM	36	0	22.84	0.192	22.76	0.189	22.85	0.193
15	64QAM	36	20	22.76	0.189	22.77	0.189	22.91	0.195
15	64QAM	36	39	22.52	0.179	22.68	0.185	22.60	0.182
15	64QAM	75	0	22.82	0.191	22.82	0.191	22.64	0.184



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20000		20175		20350	
Frequency (MHz)				1715		1732.5		1750	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	24.60	0.288	24.67	0.293	24.69	0.294
10	QPSK	1	25	24.54	0.284	24.62	0.290	24.65	0.292
10	QPSK	1	49	24.62	0.290	24.48	0.281	24.64	0.291
10	QPSK	25	0	23.91	0.246	23.71	0.235	23.86	0.243
10	QPSK	25	12	23.69	0.234	23.83	0.242	23.89	0.245
10	QPSK	25	25	23.94	0.248	23.74	0.237	23.79	0.239
10	QPSK	50	0	23.64	0.231	23.96	0.249	23.64	0.231
10	16QAM	1	0	23.91	0.246	24.17	0.261	24.05	0.254
10	16QAM	1	25	24.10	0.257	24.17	0.261	23.85	0.243
10	16QAM	1	49	23.95	0.248	23.96	0.249	23.85	0.243
10	16QAM	25	0	22.94	0.197	22.90	0.195	22.89	0.195
10	16QAM	25	12	22.75	0.188	22.92	0.196	22.70	0.186
10	16QAM	25	25	22.77	0.189	22.74	0.188	22.84	0.192
10	16QAM	50	0	22.61	0.182	22.85	0.193	22.76	0.189
10	64QAM	1	0	23.79	0.239	23.82	0.241	24.04	0.254
10	64QAM	1	25	23.69	0.234	23.93	0.247	23.71	0.235
10	64QAM	1	49	23.70	0.234	23.84	0.242	23.59	0.229
10	64QAM	25	0	22.83	0.192	22.96	0.198	22.99	0.199
10	64QAM	25	12	22.61	0.182	22.84	0.192	22.63	0.183
10	64QAM	25	25	22.86	0.193	22.66	0.185	22.77	0.189
10	64QAM	50	0	22.59	0.182	22.60	0.182	22.76	0.189



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				19975		20175		20375	
Frequency (MHz)				1712.5		1732.5		1752.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	24.66	0.292	24.63	0.290	24.71	0.296
5	QPSK	1	12	24.61	0.289	24.46	0.279	24.60	0.288
5	QPSK	1	24	24.64	0.291	24.43	0.277	24.55	0.285
5	QPSK	12	0	23.77	0.238	23.87	0.244	23.93	0.247
5	QPSK	12	7	23.62	0.230	23.68	0.233	23.78	0.239
5	QPSK	12	13	23.86	0.243	23.58	0.228	23.88	0.244
5	QPSK	25	0	23.82	0.241	23.84	0.242	23.98	0.250
5	16QAM	1	0	24.14	0.259	23.98	0.250	24.08	0.256
5	16QAM	1	12	23.91	0.246	24.18	0.262	24.09	0.256
5	16QAM	1	24	23.98	0.250	24.08	0.256	24.12	0.258
5	16QAM	12	0	22.76	0.189	22.82	0.191	22.93	0.196
5	16QAM	12	7	22.64	0.184	22.74	0.188	22.82	0.191
5	16QAM	12	13	22.68	0.185	22.88	0.194	22.71	0.187
5	16QAM	25	0	22.83	0.192	22.78	0.190	22.82	0.191
5	64QAM	1	0	23.85	0.243	23.87	0.244	23.73	0.236
5	64QAM	1	12	23.85	0.243	23.70	0.234	23.93	0.247
5	64QAM	1	24	23.67	0.233	23.96	0.249	23.86	0.243
5	64QAM	12	0	22.98	0.199	22.96	0.198	22.75	0.188
5	64QAM	12	7	22.91	0.195	22.89	0.195	22.82	0.191
5	64QAM	12	13	22.74	0.188	22.94	0.197	22.79	0.190
5	64QAM	25	0	22.90	0.195	22.77	0.189	22.86	0.193



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				19965		20175		20385	
Frequency (MHz)				1711.5		1732.5		1753.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	24.55	0.285	24.54	0.284	24.68	0.294
3	QPSK	1	8	24.47	0.280	24.51	0.282	24.61	0.289
3	QPSK	1	14	24.45	0.279	24.43	0.277	24.65	0.292
3	QPSK	8	0	23.80	0.240	24.04	0.254	24.05	0.254
3	QPSK	8	4	23.70	0.234	23.83	0.242	23.84	0.242
3	QPSK	8	7	23.75	0.237	23.72	0.236	23.84	0.242
3	QPSK	15	0	23.87	0.244	23.91	0.246	23.94	0.248
3	16QAM	1	0	24.18	0.262	23.99	0.251	23.88	0.244
3	16QAM	1	8	23.85	0.243	24.14	0.259	24.10	0.257
3	16QAM	1	14	23.98	0.250	24.10	0.257	23.86	0.243
3	16QAM	8	0	22.75	0.188	22.81	0.191	23.03	0.201
3	16QAM	8	4	22.78	0.190	22.63	0.183	22.59	0.182
3	16QAM	8	7	22.68	0.185	22.73	0.187	22.84	0.192
3	16QAM	15	0	22.62	0.183	22.54	0.179	22.89	0.195
3	64QAM	1	0	23.78	0.239	23.92	0.247	23.96	0.249
3	64QAM	1	8	23.69	0.234	23.71	0.235	23.87	0.244
3	64QAM	1	14	23.79	0.239	23.74	0.237	23.72	0.236
3	64QAM	8	0	22.87	0.194	22.84	0.192	22.96	0.198
3	64QAM	8	4	22.63	0.183	22.79	0.190	22.70	0.186
3	64QAM	8	7	22.81	0.191	22.76	0.189	22.68	0.185
3	64QAM	15	0	22.74	0.188	22.83	0.192	22.96	0.198



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				19957		20175		20393	
Frequency (MHz)				1710.7		1732.5		1754.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	24.61	0.289	24.63	0.290	24.69	0.294
1.4	QPSK	1	3	24.42	0.277	24.59	0.288	24.56	0.286
1.4	QPSK	1	5	24.39	0.275	24.41	0.276	24.66	0.292
1.4	QPSK	3	0	23.99	0.251	23.98	0.250	23.92	0.247
1.4	QPSK	3	1	23.70	0.234	23.96	0.249	23.70	0.234
1.4	QPSK	3	3	23.77	0.238	23.90	0.245	23.76	0.238
1.4	QPSK	6	0	23.85	0.243	23.95	0.248	23.75	0.237
1.4	16QAM	1	0	24.02	0.252	23.94	0.248	23.97	0.249
1.4	16QAM	1	3	23.86	0.243	24.00	0.251	23.81	0.240
1.4	16QAM	1	5	23.78	0.239	23.95	0.248	24.12	0.258
1.4	16QAM	3	0	22.80	0.191	22.96	0.198	22.98	0.199
1.4	16QAM	3	1	22.63	0.183	22.93	0.196	22.81	0.191
1.4	16QAM	3	3	22.69	0.186	22.79	0.190	22.55	0.180
1.4	16QAM	6	0	22.64	0.184	22.52	0.179	22.89	0.195
1.4	64QAM	1	0	24.02	0.252	23.85	0.243	23.99	0.251
1.4	64QAM	1	3	23.83	0.242	23.86	0.243	23.81	0.240
1.4	64QAM	1	5	23.87	0.244	23.99	0.251	23.82	0.241
1.4	64QAM	3	0	22.92	0.196	22.75	0.188	22.99	0.199
1.4	64QAM	3	1	22.77	0.189	22.77	0.189	22.96	0.198
1.4	64QAM	3	3	22.81	0.191	22.67	0.185	22.78	0.190
1.4	64QAM	6	0	22.68	0.185	22.65	0.184	22.66	0.185



LTE Band 5				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20450		20525		20600	
Frequency (MHz)				829		836.5		844	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	20.20	0.105	20.23	0.105	20.15	0.104
10	QPSK	1	25	20.13	0.103	20.15	0.104	20.09	0.102
10	QPSK	1	49	20.06	0.101	20.11	0.103	20.07	0.102
10	QPSK	25	0	19.42	0.087	19.43	0.088	19.34	0.086
10	QPSK	25	12	19.26	0.084	19.36	0.086	19.30	0.085
10	QPSK	25	25	19.34	0.086	19.30	0.085	19.24	0.084
10	QPSK	50	0	19.36	0.086	19.37	0.086	19.27	0.085
10	16QAM	1	0	19.59	0.091	19.63	0.092	19.49	0.089
10	16QAM	1	25	19.55	0.090	19.60	0.091	19.41	0.087
10	16QAM	1	49	19.50	0.089	19.57	0.091	19.44	0.088
10	16QAM	25	0	18.41	0.069	18.43	0.070	18.35	0.068
10	16QAM	25	12	18.25	0.067	18.33	0.068	18.17	0.066
10	16QAM	25	25	18.14	0.065	18.32	0.068	18.16	0.065
10	16QAM	50	0	18.30	0.068	18.24	0.067	18.19	0.066
10	64QAM	1	0	19.41	0.087	19.45	0.088	19.34	0.086
10	64QAM	1	25	19.32	0.086	19.35	0.086	19.29	0.085
10	64QAM	1	49	19.28	0.085	19.40	0.087	19.21	0.083
10	64QAM	25	0	18.39	0.069	18.43	0.070	18.32	0.068
10	64QAM	25	12	18.30	0.068	18.37	0.069	18.27	0.067
10	64QAM	25	25	18.24	0.067	18.35	0.068	18.23	0.067
10	64QAM	50	0	18.31	0.068	18.31	0.068	18.26	0.067



LTE Band 5				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20425		20525		20625	
Frequency (MHz)				826.5		836.5		846.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	20.17	0.104	20.19	0.104	20.07	0.102
5	QPSK	1	12	20.12	0.103	20.10	0.102	20.11	0.103
5	QPSK	1	24	20.09	0.102	20.15	0.104	20.05	0.101
5	QPSK	12	0	19.37	0.086	19.49	0.089	19.27	0.085
5	QPSK	12	7	19.28	0.085	19.31	0.085	19.30	0.085
5	QPSK	12	13	19.45	0.088	19.35	0.086	19.36	0.086
5	QPSK	25	0	19.18	0.083	19.45	0.088	19.14	0.082
5	16QAM	1	0	19.49	0.089	19.73	0.094	19.51	0.089
5	16QAM	1	12	19.48	0.089	19.69	0.093	19.43	0.088
5	16QAM	1	24	19.32	0.086	19.69	0.093	19.39	0.087
5	16QAM	12	0	18.34	0.068	18.36	0.069	18.34	0.068
5	16QAM	12	7	18.40	0.069	18.26	0.067	18.06	0.064
5	16QAM	12	13	17.96	0.063	18.34	0.068	18.18	0.066
5	16QAM	25	0	18.11	0.065	18.23	0.067	18.04	0.064
5	64QAM	1	0	19.35	0.086	19.43	0.088	19.31	0.085
5	64QAM	1	12	19.30	0.085	19.30	0.085	19.25	0.084
5	64QAM	1	24	19.33	0.086	19.39	0.087	19.06	0.081
5	64QAM	12	0	18.42	0.070	18.39	0.069	18.36	0.069
5	64QAM	12	7	18.17	0.066	18.30	0.068	18.21	0.066
5	64QAM	12	13	18.19	0.066	18.25	0.067	18.11	0.065
5	64QAM	25	0	18.32	0.068	18.45	0.070	18.06	0.064



LTE Band 5				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20415		20525		20635	
Frequency (MHz)				825.5		836.5		847.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	20.15	0.104	20.17	0.104	20.07	0.102
3	QPSK	1	8	19.97	0.099	20.00	0.100	20.02	0.100
3	QPSK	1	14	20.05	0.101	20.13	0.103	19.98	0.100
3	QPSK	8	0	19.41	0.087	19.49	0.089	19.41	0.087
3	QPSK	8	4	19.33	0.086	19.42	0.087	19.18	0.083
3	QPSK	8	7	19.28	0.085	19.15	0.082	19.28	0.085
3	QPSK	15	0	19.16	0.082	19.30	0.085	19.42	0.087
3	16QAM	1	0	19.65	0.092	19.46	0.088	19.42	0.087
3	16QAM	1	8	19.35	0.086	19.64	0.092	19.21	0.083
3	16QAM	1	14	19.47	0.089	19.45	0.088	19.28	0.085
3	16QAM	8	0	18.28	0.067	18.46	0.070	18.28	0.067
3	16QAM	8	4	18.33	0.068	18.21	0.066	18.26	0.067
3	16QAM	8	7	18.03	0.064	18.15	0.065	18.28	0.067
3	16QAM	15	0	18.41	0.069	18.33	0.068	18.23	0.067
3	64QAM	1	0	19.29	0.085	19.37	0.086	19.19	0.083
3	64QAM	1	8	19.31	0.085	19.23	0.084	19.12	0.082
3	64QAM	1	14	19.26	0.084	19.28	0.085	19.03	0.080
3	64QAM	8	0	18.20	0.066	18.40	0.069	18.21	0.066
3	64QAM	8	4	18.31	0.068	18.38	0.069	18.32	0.068
3	64QAM	8	7	18.35	0.068	18.15	0.065	18.05	0.064
3	64QAM	15	0	18.15	0.065	18.29	0.067	18.06	0.064



LTE Band 5				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20407		20525		20643	
Frequency (MHz)				824.7		836.5		848.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	20.21	0.105	20.20	0.105	20.09	0.102
1.4	QPSK	1	3	20.18	0.104	20.14	0.103	19.92	0.098
1.4	QPSK	1	5	19.99	0.100	19.92	0.098	20.02	0.100
1.4	QPSK	3	0	19.24	0.084	19.27	0.085	19.21	0.083
1.4	QPSK	3	1	19.13	0.082	19.42	0.087	19.13	0.082
1.4	QPSK	3	3	19.18	0.083	19.39	0.087	19.33	0.086
1.4	QPSK	6	0	19.23	0.084	19.25	0.084	19.20	0.083
1.4	16QAM	1	0	19.43	0.088	19.61	0.091	19.31	0.085
1.4	16QAM	1	3	19.49	0.089	19.64	0.092	19.48	0.089
1.4	16QAM	1	5	19.58	0.091	19.40	0.087	19.52	0.090
1.4	16QAM	3	0	18.22	0.066	18.36	0.069	18.24	0.067
1.4	16QAM	3	1	18.31	0.068	18.26	0.067	17.99	0.063
1.4	16QAM	3	3	18.17	0.066	18.24	0.067	18.25	0.067
1.4	16QAM	6	0	18.11	0.065	18.06	0.064	18.33	0.068
1.4	64QAM	1	0	19.24	0.084	19.50	0.089	19.45	0.088
1.4	64QAM	1	3	19.28	0.085	19.29	0.085	19.36	0.086
1.4	64QAM	1	5	19.09	0.081	19.37	0.086	19.24	0.084
1.4	64QAM	3	0	18.49	0.071	18.28	0.067	18.46	0.070
1.4	64QAM	3	1	18.18	0.066	18.35	0.068	18.27	0.067
1.4	64QAM	3	3	18.29	0.067	18.27	0.067	18.18	0.066
1.4	64QAM	6	0	18.46	0.070	18.29	0.067	18.24	0.067



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		0.327	25.18	0.330	25.30	0.339
20	QPSK	1	49	25.06	0.321	25.08	0.322	25.26	0.336
20	QPSK	1	99	25.20	0.331	24.96	0.313	25.12	0.325
20	QPSK	50	0	24.38	0.274	24.40	0.275	24.48	0.281
20	QPSK	50	24	24.26	0.267	24.27	0.267	24.31	0.270
20	QPSK	50	50	24.27	0.267	24.13	0.259	24.36	0.273
20	QPSK	100	0	24.38	0.274	24.34	0.272	24.43	0.277
20	16QAM	1	0	24.76	0.299	24.57	0.286	24.65	0.292
20	16QAM	1	49	24.54	0.284	24.49	0.281	24.58	0.287
20	16QAM	1	99	24.47	0.280	24.42	0.277	24.52	0.283
20	16QAM	50	0	23.25	0.211	23.51	0.224	23.53	0.225
20	16QAM	50	24	23.18	0.208	23.46	0.222	23.21	0.209
20	16QAM	50	50	23.26	0.212	23.43	0.220	23.30	0.214
20	16QAM	100	0	23.32	0.215	23.36	0.217	23.43	0.220
20	64QAM	1	0	24.53	0.284	24.29	0.269	24.25	0.266
20	64QAM	1	49	24.46	0.279	24.26	0.267	24.51	0.282
20	64QAM	1	99	24.34	0.272	24.54	0.284	24.33	0.271
20	64QAM	50	0	23.47	0.222	23.40	0.219	23.42	0.220
20	64QAM	50	24	23.15	0.207	23.32	0.215	23.51	0.224
20	64QAM	50	50	23.16	0.207	23.37	0.217	23.19	0.208
20	64QAM	100	0	23.22	0.210	23.45	0.221	23.52	0.225



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	24.98	0.315	25.07	0.321	25.12	0.325
15	QPSK	1	37	24.89	0.308	24.95	0.313	25.09	0.323
15	QPSK	1	74	24.90	0.309	24.83	0.304	25.02	0.318
15	QPSK	36	0	24.18	0.262	24.27	0.267	24.20	0.263
15	QPSK	36	20	23.99	0.251	24.14	0.259	24.13	0.259
15	QPSK	36	39	24.07	0.255	24.08	0.256	24.25	0.266
15	QPSK	75	0	24.15	0.260	24.29	0.269	24.15	0.260
15	16QAM	1	0	24.56	0.286	24.41	0.276	24.56	0.286
15	16QAM	1	37	24.27	0.267	24.55	0.285	24.30	0.269
15	16QAM	1	74	24.33	0.271	24.26	0.267	24.21	0.264
15	16QAM	36	0	23.36	0.217	23.28	0.213	23.13	0.206
15	16QAM	36	20	23.17	0.207	23.36	0.217	23.11	0.205
15	16QAM	36	39	22.99	0.199	23.08	0.203	23.24	0.211
15	16QAM	75	0	23.27	0.212	22.95	0.197	23.09	0.204
15	64QAM	1	0	24.23	0.265	24.40	0.275	24.10	0.257
15	64QAM	1	37	24.34	0.272	24.06	0.255	24.19	0.262
15	64QAM	1	74	24.24	0.265	24.29	0.269	24.28	0.268
15	64QAM	36	0	23.20	0.209	23.40	0.219	23.36	0.217
15	64QAM	36	20	23.16	0.207	23.26	0.212	23.28	0.213
15	64QAM	36	39	23.04	0.201	23.27	0.212	23.16	0.207
15	64QAM	75	0	23.00	0.200	23.12	0.205	23.08	0.203



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	24.98	0.315	25.05	0.320	25.13	0.326
10	QPSK	1	25	24.90	0.309	25.02	0.318	25.09	0.323
10	QPSK	1	49	24.95	0.313	24.86	0.306	25.07	0.321
10	QPSK	25	0	24.30	0.269	24.15	0.260	24.32	0.270
10	QPSK	25	12	24.09	0.256	24.17	0.261	24.13	0.259
10	QPSK	25	25	24.16	0.261	24.10	0.257	24.33	0.271
10	QPSK	50	0	24.24	0.265	24.11	0.258	24.03	0.253
10	16QAM	1	0	24.49	0.281	24.50	0.282	24.55	0.285
10	16QAM	1	25	24.42	0.277	24.36	0.273	24.18	0.262
10	16QAM	1	49	24.52	0.283	24.29	0.269	24.32	0.270
10	16QAM	25	0	23.17	0.207	23.34	0.216	23.42	0.220
10	16QAM	25	12	23.17	0.207	23.11	0.205	23.04	0.201
10	16QAM	25	25	23.18	0.208	23.25	0.211	23.23	0.210
10	16QAM	50	0	23.12	0.205	23.10	0.204	23.23	0.210
10	64QAM	1	0	24.22	0.264	24.27	0.267	24.33	0.271
10	64QAM	1	25	24.25	0.266	24.13	0.259	24.26	0.267
10	64QAM	1	49	23.97	0.249	24.22	0.264	24.19	0.262
10	64QAM	25	0	23.39	0.218	23.31	0.214	23.30	0.214
10	64QAM	25	12	23.29	0.213	23.31	0.214	23.15	0.207
10	64QAM	25	25	23.07	0.203	23.16	0.207	23.05	0.202
10	64QAM	50	0	23.14	0.206	23.22	0.210	23.26	0.212



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	24.95	0.313	25.03	0.318	25.11	0.324
5	QPSK	1	12	24.91	0.310	25.01	0.317	25.00	0.316
5	QPSK	1	24	24.84	0.305	24.96	0.313	25.03	0.318
5	QPSK	12	0	24.19	0.262	24.26	0.267	24.34	0.272
5	QPSK	12	7	24.12	0.258	24.12	0.258	24.33	0.271
5	QPSK	12	13	24.34	0.272	24.19	0.262	24.12	0.258
5	QPSK	25	0	24.23	0.265	24.32	0.270	24.29	0.269
5	16QAM	1	0	24.42	0.277	24.66	0.292	24.34	0.272
5	16QAM	1	12	24.37	0.274	24.59	0.288	24.30	0.269
5	16QAM	1	24	24.41	0.276	24.51	0.282	24.36	0.273
5	16QAM	12	0	23.18	0.208	23.35	0.216	23.31	0.214
5	16QAM	12	7	23.23	0.210	23.05	0.202	23.25	0.211
5	16QAM	12	13	23.07	0.203	23.24	0.211	23.25	0.211
5	16QAM	25	0	23.08	0.203	23.04	0.201	22.97	0.198
5	64QAM	1	0	24.18	0.262	24.43	0.277	24.24	0.265
5	64QAM	1	12	24.22	0.264	24.34	0.272	24.35	0.272
5	64QAM	1	24	24.01	0.252	24.42	0.277	24.30	0.269
5	64QAM	12	0	23.34	0.216	23.31	0.214	23.20	0.209
5	64QAM	12	7	23.16	0.207	23.07	0.203	23.12	0.205
5	64QAM	12	13	23.13	0.206	23.26	0.212	23.26	0.212
5	64QAM	25	0	23.29	0.213	23.33	0.215	23.25	0.211



LTE Band 12				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23060		23095		23130	
Frequency (MHz)				704		707.5		711	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	19.49	0.089	19.56	0.090	19.44	0.088
10	QPSK	1	25	19.31	0.085	19.48	0.089	19.29	0.085
10	QPSK	1	49	19.46	0.088	19.34	0.086	19.35	0.086
10	QPSK	25	0	18.72	0.074	18.77	0.075	18.63	0.073
10	QPSK	25	12	18.66	0.073	18.72	0.074	18.72	0.074
10	QPSK	25	25	18.66	0.073	18.62	0.073	18.71	0.074
10	QPSK	50	0	18.62	0.073	18.68	0.074	18.62	0.073
10	16QAM	1	0	18.83	0.076	18.86	0.077	18.66	0.073
10	16QAM	1	25	18.77	0.075	18.84	0.077	18.54	0.071
10	16QAM	1	49	18.83	0.076	18.84	0.077	18.71	0.074
10	16QAM	25	0	17.63	0.058	17.77	0.060	17.73	0.059
10	16QAM	25	12	17.41	0.055	17.70	0.059	17.59	0.057
10	16QAM	25	25	17.51	0.056	17.68	0.059	17.52	0.056
10	16QAM	50	0	17.59	0.057	17.43	0.055	17.47	0.056
10	64QAM	1	0	18.83	0.076	18.84	0.077	18.58	0.072
10	64QAM	1	25	18.47	0.070	18.81	0.076	18.56	0.072
10	64QAM	1	49	18.63	0.073	18.52	0.071	18.50	0.071
10	64QAM	25	0	17.69	0.059	17.79	0.060	17.66	0.058
10	64QAM	25	12	17.60	0.058	17.54	0.057	17.60	0.058
10	64QAM	25	25	17.46	0.056	17.79	0.060	17.63	0.058
10	64QAM	50	0	17.59	0.057	17.59	0.057	17.39	0.055



LTE Band 12				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23035		23095		23155	
Frequency (MHz)				701.5		707.5		713.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	19.45	0.088	19.51	0.089	19.42	0.087
5	QPSK	1	12	19.43	0.088	19.40	0.087	19.30	0.085
5	QPSK	1	24	19.28	0.085	19.35	0.086	19.41	0.087
5	QPSK	12	0	18.70	0.074	18.72	0.074	18.49	0.071
5	QPSK	12	7	18.65	0.073	18.71	0.074	18.66	0.073
5	QPSK	12	13	18.66	0.073	18.55	0.072	18.66	0.073
5	QPSK	25	0	18.50	0.071	18.52	0.071	18.51	0.071
5	16QAM	1	0	18.73	0.075	18.93	0.078	18.69	0.074
5	16QAM	1	12	18.74	0.075	18.90	0.078	18.64	0.073
5	16QAM	1	24	18.78	0.076	18.80	0.076	18.72	0.074
5	16QAM	12	0	17.56	0.057	17.71	0.059	17.47	0.056
5	16QAM	12	7	17.45	0.056	17.72	0.059	17.45	0.056
5	16QAM	12	13	17.42	0.055	17.47	0.056	17.52	0.056
5	16QAM	25	0	17.60	0.058	17.71	0.059	17.47	0.056
5	64QAM	1	0	18.58	0.072	18.91	0.078	18.54	0.071
5	64QAM	1	12	18.51	0.071	18.66	0.073	18.59	0.072
5	64QAM	1	24	18.45	0.070	18.53	0.071	18.50	0.071
5	64QAM	12	0	17.59	0.057	17.82	0.061	17.62	0.058
5	64QAM	12	7	17.45	0.056	17.64	0.058	17.40	0.055
5	64QAM	12	13	17.36	0.054	17.71	0.059	17.37	0.055
5	64QAM	25	0	17.54	0.057	17.62	0.058	17.65	0.058



LTE Band 12				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23025		23095		23165	
Frequency (MHz)				700.5		707.5		714.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	19.44	0.088	19.46	0.088	19.37	0.086
3	QPSK	1	8	19.40	0.087	19.42	0.087	19.32	0.086
3	QPSK	1	14	19.32	0.086	19.36	0.086	19.34	0.086
3	QPSK	8	0	18.75	0.075	18.78	0.076	18.46	0.070
3	QPSK	8	4	18.68	0.074	18.53	0.071	18.45	0.070
3	QPSK	8	7	18.71	0.074	18.53	0.071	18.61	0.073
3	QPSK	15	0	18.53	0.071	18.80	0.076	18.57	0.072
3	16QAM	1	0	18.90	0.078	18.77	0.075	18.91	0.078
3	16QAM	1	8	18.95	0.079	19.01	0.080	18.66	0.073
3	16QAM	1	14	18.97	0.079	18.95	0.079	18.81	0.076
3	16QAM	8	0	17.77	0.060	17.75	0.060	17.51	0.056
3	16QAM	8	4	17.39	0.055	17.74	0.059	17.40	0.055
3	16QAM	8	7	17.47	0.056	17.48	0.056	17.49	0.056
3	16QAM	15	0	17.43	0.055	17.67	0.058	17.41	0.055
3	64QAM	1	0	18.72	0.074	18.76	0.075	18.70	0.074
3	64QAM	1	8	18.62	0.073	18.57	0.072	18.69	0.074
3	64QAM	1	14	18.54	0.071	18.85	0.077	18.60	0.072
3	64QAM	8	0	17.80	0.060	17.81	0.060	17.45	0.056
3	64QAM	8	4	17.56	0.057	17.84	0.061	17.49	0.056
3	64QAM	8	7	17.46	0.056	17.48	0.056	17.51	0.056
3	64QAM	15	0	17.54	0.057	17.55	0.057	17.55	0.057



LTE Band 12				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23017		23095		23173	
Frequency (MHz)				699.7		707.5		715.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	19.39	0.087	19.44	0.088	19.37	0.086
1.4	QPSK	1	3	19.42	0.087	19.41	0.087	19.35	0.086
1.4	QPSK	1	5	19.20	0.083	19.58	0.091	19.29	0.085
1.4	QPSK	3	0	18.72	0.074	18.78	0.076	18.58	0.072
1.4	QPSK	3	1	18.38	0.069	18.56	0.072	18.48	0.070
1.4	QPSK	3	3	18.68	0.074	18.56	0.072	18.68	0.074
1.4	QPSK	6	0	18.58	0.072	18.63	0.073	18.58	0.072
1.4	16QAM	1	0	18.79	0.076	19.06	0.081	18.81	0.076
1.4	16QAM	1	3	18.76	0.075	18.93	0.078	18.65	0.073
1.4	16QAM	1	5	18.67	0.074	18.74	0.075	18.81	0.076
1.4	16QAM	3	0	17.58	0.057	17.71	0.059	17.56	0.057
1.4	16QAM	3	1	17.63	0.058	17.61	0.058	17.55	0.057
1.4	16QAM	3	3	17.43	0.055	17.53	0.057	17.37	0.055
1.4	16QAM	6	0	17.75	0.060	17.46	0.056	17.47	0.056
1.4	64QAM	1	0	18.86	0.077	18.61	0.073	18.68	0.074
1.4	64QAM	1	3	18.45	0.070	18.69	0.074	18.67	0.074
1.4	64QAM	1	5	18.56	0.072	18.80	0.076	18.41	0.069
1.4	64QAM	3	0	17.65	0.058	17.76	0.060	17.51	0.056
1.4	64QAM	3	1	17.75	0.060	17.67	0.058	17.53	0.057
1.4	64QAM	3	3	17.62	0.058	17.75	0.060	17.39	0.055
1.4	64QAM	6	0	17.58	0.057	17.50	0.056	17.50	0.056



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	/	/	19.22	0.084	/	/
10	QPSK	1	25	/	/	19.15	0.082	/	/
10	QPSK	1	49	/	/	19.06	0.081	/	/
10	QPSK	25	0	/	/	18.35	0.068	/	/
10	QPSK	25	12	/	/	18.21	0.066	/	/
10	QPSK	25	25	/	/	18.26	0.067	/	/
10	QPSK	50	0	/	/	18.33	0.068	/	/
10	16QAM	1	0	/	/	18.62	0.073	/	/
10	16QAM	1	25	/	/	18.58	0.072	/	/
10	16QAM	1	49	/	/	18.51	0.071	/	/
10	16QAM	25	0	/	/	17.30	0.054	/	/
10	16QAM	25	12	/	/	17.25	0.053	/	/
10	16QAM	25	25	/	/	17.20	0.052	/	/
10	16QAM	50	0	/	/	17.27	0.053	/	/
10	64QAM	1	0	/	/	18.45	0.070	/	/
10	64QAM	1	25	/	/	18.43	0.070	/	/
10	64QAM	1	49	/	/	18.30	0.068	/	/
10	64QAM	25	0	/	/	17.57	0.057	/	/
10	64QAM	25	12	/	/	17.47	0.056	/	/
10	64QAM	25	25	/	/	17.37	0.055	/	/
10	64QAM	50	0	/	/	17.41	0.055	/	/



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	19.16	0.082	19.18	0.083	19.17	0.083
5	QPSK	1	12	19.13	0.082	19.13	0.082	19.15	0.082
5	QPSK	1	24	19.17	0.083	18.97	0.079	19.03	0.080
5	QPSK	12	0	18.24	0.067	18.23	0.067	18.17	0.066
5	QPSK	12	7	18.24	0.067	18.36	0.069	18.20	0.066
5	QPSK	12	13	18.36	0.069	18.15	0.065	18.11	0.065
5	QPSK	25	0	18.23	0.067	18.31	0.068	18.32	0.068
5	16QAM	1	0	18.42	0.070	18.71	0.074	18.35	0.068
5	16QAM	1	12	18.42	0.070	18.71	0.074	18.28	0.067
5	16QAM	1	24	18.54	0.071	18.66	0.073	18.47	0.070
5	16QAM	12	0	17.35	0.054	17.32	0.054	17.27	0.053
5	16QAM	12	7	17.09	0.051	17.12	0.052	17.18	0.052
5	16QAM	12	13	17.04	0.051	17.12	0.052	17.01	0.050
5	16QAM	25	0	17.24	0.053	17.16	0.052	17.17	0.052
5	64QAM	1	0	18.22	0.066	18.37	0.069	18.26	0.067
5	64QAM	1	12	18.44	0.070	18.39	0.069	18.41	0.069
5	64QAM	1	24	18.27	0.067	18.29	0.067	18.28	0.067
5	64QAM	12	0	17.18	0.052	17.52	0.056	17.41	0.055
5	64QAM	12	7	17.18	0.052	17.23	0.053	17.23	0.053
5	64QAM	12	13	17.34	0.054	17.45	0.056	17.07	0.051
5	64QAM	25	0	17.13	0.052	17.18	0.052	17.27	0.053



LTE Band 17				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23780		23790		23800	
Frequency (MHz)				709		710		711	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	19.50	0.089	19.61	0.091	19.52	0.090
10	QPSK	1	25	19.34	0.086	19.59	0.091	19.38	0.087
10	QPSK	1	49	19.38	0.087	19.40	0.087	19.43	0.088
10	QPSK	25	0	18.83	0.076	18.88	0.077	18.67	0.074
10	QPSK	25	12	18.74	0.075	18.60	0.072	18.79	0.076
10	QPSK	25	25	18.80	0.076	18.59	0.072	18.62	0.073
10	QPSK	50	0	18.66	0.073	18.60	0.072	18.47	0.070
10	16QAM	1	0	18.94	0.078	18.98	0.079	19.00	0.079
10	16QAM	1	25	18.88	0.077	18.97	0.079	18.70	0.074
10	16QAM	1	49	18.73	0.075	19.02	0.080	18.89	0.077
10	16QAM	25	0	17.67	0.058	17.77	0.060	17.64	0.058
10	16QAM	25	12	17.46	0.056	17.58	0.057	17.46	0.056
10	16QAM	25	25	17.52	0.056	17.71	0.059	17.50	0.056
10	16QAM	50	0	17.46	0.056	17.69	0.059	17.55	0.057
10	64QAM	1	0	18.79	0.076	18.84	0.077	18.63	0.073
10	64QAM	1	25	18.68	0.074	18.67	0.074	18.58	0.072
10	64QAM	1	49	18.70	0.074	18.75	0.075	18.71	0.074
10	64QAM	25	0	17.80	0.060	17.84	0.061	17.68	0.059
10	64QAM	25	12	17.61	0.058	17.69	0.059	17.45	0.056
10	64QAM	25	25	17.68	0.059	17.82	0.061	17.62	0.058
10	64QAM	50	0	17.63	0.058	17.51	0.056	17.59	0.057



LTE Band 17				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23755		23790		23825	
Frequency (MHz)				706.5		710		713.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	19.56	0.090	19.59	0.091	19.45	0.088
5	QPSK	1	12	19.50	0.089	19.57	0.091	19.47	0.089
5	QPSK	1	24	19.46	0.088	19.28	0.085	19.36	0.086
5	QPSK	12	0	18.74	0.075	18.77	0.075	18.73	0.075
5	QPSK	12	7	18.67	0.074	18.63	0.073	18.53	0.071
5	QPSK	12	13	18.60	0.072	18.51	0.071	18.50	0.071
5	QPSK	25	0	18.52	0.071	18.62	0.073	18.63	0.073
5	16QAM	1	0	18.82	0.076	19.10	0.081	18.89	0.077
5	16QAM	1	12	19.03	0.080	18.81	0.076	18.68	0.074
5	16QAM	1	24	18.92	0.078	18.83	0.076	18.69	0.074
5	16QAM	12	0	17.76	0.060	17.82	0.061	17.77	0.060
5	16QAM	12	7	17.63	0.058	17.53	0.057	17.48	0.056
5	16QAM	12	13	17.59	0.057	17.73	0.059	17.45	0.056
5	16QAM	25	0	17.72	0.059	17.64	0.058	17.51	0.056
5	64QAM	1	0	18.64	0.073	18.91	0.078	18.54	0.071
5	64QAM	1	12	18.50	0.071	18.73	0.075	18.62	0.073
5	64QAM	1	24	18.75	0.075	18.82	0.076	18.61	0.073
5	64QAM	12	0	17.85	0.061	17.72	0.059	17.61	0.058
5	64QAM	12	7	17.67	0.058	17.60	0.058	17.47	0.056
5	64QAM	12	13	17.43	0.055	17.64	0.058	17.68	0.059
5	64QAM	25	0	17.69	0.059	17.60	0.058	17.53	0.057



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	18.65	0.073	19.13	0.082	19.08	0.081
5	QPSK	1	12	18.77	0.075	19.06	0.081	18.96	0.079
5	QPSK	1	24	18.82	0.076	19.02	0.080	18.99	0.079
5	QPSK	12	0	18.05	0.064	18.23	0.067	18.22	0.066
5	QPSK	12	7	17.95	0.062	18.29	0.067	17.94	0.062
5	QPSK	12	13	17.85	0.061	18.17	0.066	17.88	0.061
5	QPSK	25	0	17.98	0.063	18.02	0.063	18.20	0.066
5	16QAM	1	0	18.25	0.067	18.40	0.069	18.31	0.068
5	16QAM	1	12	18.14	0.065	18.31	0.068	18.26	0.067
5	16QAM	1	24	17.92	0.062	18.21	0.066	18.27	0.067
5	16QAM	12	0	17.03	0.050	17.22	0.053	17.27	0.053
5	16QAM	12	7	17.15	0.052	17.28	0.053	17.30	0.054
5	16QAM	12	13	17.08	0.051	17.16	0.052	17.20	0.052
5	16QAM	25	0	17.05	0.051	17.15	0.052	17.13	0.052
5	64QAM	1	0	16.92	0.049	17.11	0.051	16.93	0.049
5	64QAM	1	12	16.94	0.049	17.20	0.052	17.30	0.054
5	64QAM	1	24	16.94	0.049	17.00	0.050	17.25	0.053
5	64QAM	12	0	15.99	0.040	16.24	0.042	16.26	0.042
5	64QAM	12	7	16.14	0.041	16.17	0.041	16.28	0.042
5	64QAM	12	13	15.80	0.038	16.10	0.041	15.98	0.040
5	64QAM	25	0	15.90	0.039	16.08	0.041	16.10	0.041



LTE Band 19				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				/		24075		/	
Frequency (MHz)				/		837.5		/	
				/	/	dbm	W	/	/
15	QPSK	1	0	/	/	20.28	0.107	/	/
15	QPSK	1	37	/	/	20.11	0.103	/	/
15	QPSK	1	74	/	/	20.07	0.102	/	/
15	QPSK	36	0	/	/	19.39	0.087	/	/
15	QPSK	36	20	/	/	19.37	0.086	/	/
15	QPSK	36	39	/	/	19.22	0.084	/	/
15	QPSK	75	0	/	/	19.31	0.085	/	/
15	16QAM	1	0	/	/	19.57	0.091	/	/
15	16QAM	1	37	/	/	19.55	0.090	/	/
15	16QAM	1	74	/	/	19.44	0.088	/	/
15	16QAM	36	0	/	/	18.38	0.069	/	/
15	16QAM	36	20	/	/	18.13	0.065	/	/
15	16QAM	36	39	/	/	18.42	0.070	/	/
15	16QAM	75	0	/	/	18.11	0.065	/	/
15	64QAM	1	0	/	/	19.57	0.091	/	/
15	64QAM	1	37	/	/	19.29	0.085	/	/
15	64QAM	1	74	/	/	19.50	0.089	/	/
15	64QAM	36	0	/	/	18.30	0.068	/	/
15	64QAM	36	20	/	/	18.19	0.066	/	/
15	64QAM	36	39	/	/	18.50	0.071	/	/
15	64QAM	75	0	/	/	18.22	0.066	/	/



LTE Band 19				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				24050		24075		24100	
Frequency (MHz)				835		837.5		840	
				dbm	W	dbm	W	dbm	W
10	QPSK	1	0	20.22	0.105	20.24	0.106	20.18	0.104
10	QPSK	1	25	20.19	0.104	20.20	0.105	20.06	0.101
10	QPSK	1	49	20.00	0.100	19.99	0.100	19.99	0.100
10	QPSK	25	0	19.44	0.088	19.29	0.085	19.20	0.083
10	QPSK	25	12	19.23	0.084	19.44	0.088	19.44	0.088
10	QPSK	25	25	19.34	0.086	19.32	0.086	19.15	0.082
10	QPSK	50	0	19.45	0.088	19.43	0.088	19.42	0.087
10	16QAM	1	0	19.55	0.090	19.52	0.090	19.47	0.089
10	16QAM	1	25	19.57	0.091	19.66	0.092	19.27	0.085
10	16QAM	1	49	19.33	0.086	19.68	0.093	19.25	0.084
10	16QAM	25	0	18.42	0.070	18.37	0.069	18.31	0.068
10	16QAM	25	12	18.25	0.067	18.16	0.065	18.23	0.067
10	16QAM	25	25	18.02	0.063	18.14	0.065	18.18	0.066
10	16QAM	50	0	18.39	0.069	18.18	0.066	18.15	0.065
10	64QAM	1	0	19.49	0.089	19.42	0.087	19.35	0.086
10	64QAM	1	12	19.40	0.087	19.43	0.088	19.26	0.084
10	64QAM	1	24	19.26	0.084	19.29	0.085	19.19	0.083
10	64QAM	12	0	18.39	0.069	18.26	0.067	18.22	0.066
10	64QAM	12	7	18.24	0.067	18.25	0.067	18.17	0.066
10	64QAM	12	13	18.08	0.064	18.23	0.067	18.17	0.066
10	64QAM	25	0	18.21	0.066	18.26	0.067	18.14	0.065



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	20.10	0.102	20.23	0.105	20.14	0.103
5	QPSK	1	12	20.00	0.100	20.22	0.105	20.10	0.102
5	QPSK	1	24	20.14	0.103	20.05	0.101	19.96	0.099
5	QPSK	12	0	19.44	0.088	19.23	0.084	19.49	0.089
5	QPSK	12	7	19.24	0.084	19.25	0.084	19.23	0.084
5	QPSK	12	13	19.45	0.088	19.13	0.082	19.22	0.084
5	QPSK	25	0	19.38	0.087	19.44	0.088	19.22	0.084
5	16QAM	1	0	19.57	0.091	19.58	0.091	19.44	0.088
5	16QAM	1	12	19.46	0.088	19.52	0.090	19.27	0.085
5	16QAM	1	24	19.48	0.089	19.41	0.087	19.24	0.084
5	16QAM	12	0	18.45	0.070	18.51	0.071	18.29	0.067
5	16QAM	12	7	18.29	0.067	18.45	0.070	18.20	0.066
5	16QAM	12	13	18.29	0.067	18.23	0.067	18.26	0.067
5	16QAM	25	0	18.21	0.066	18.21	0.066	18.05	0.064
5	64QAM	1	0	19.37	0.086	19.38	0.087	19.20	0.083
5	64QAM	1	12	19.18	0.083	19.34	0.086	19.11	0.081
5	64QAM	1	24	19.37	0.086	19.37	0.086	19.21	0.083
5	64QAM	12	0	18.29	0.067	18.34	0.068	18.39	0.069
5	64QAM	12	7	18.29	0.067	18.46	0.070	18.39	0.069
5	64QAM	12	13	18.07	0.064	18.38	0.069	18.18	0.066
5	64QAM	25	0	18.29	0.067	18.33	0.068	18.38	0.069



LTE Band 25				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26140		26365		26590	
Frequency (MHz)				1860		1882.5		1905	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	25.44	0.350	25.42	0.348	25.35	0.343
20	QPSK	1	49	25.36	0.344	25.37	0.344	25.33	0.341
20	QPSK	1	99	25.30	0.339	25.38	0.345	25.22	0.333
20	QPSK	50	0	24.59	0.288	24.52	0.283	24.43	0.277
20	QPSK	50	24	24.30	0.269	24.53	0.284	24.46	0.279
20	QPSK	50	50	24.51	0.282	24.39	0.275	24.53	0.284
20	QPSK	100	0	24.53	0.284	24.41	0.276	24.42	0.277
20	16QAM	1	0	24.79	0.301	24.78	0.301	24.69	0.294
20	16QAM	1	49	24.70	0.295	24.69	0.294	24.56	0.286
20	16QAM	1	99	24.70	0.295	24.73	0.297	24.65	0.292
20	16QAM	50	0	23.71	0.235	23.54	0.226	23.55	0.226
20	16QAM	50	24	23.34	0.216	23.49	0.223	23.45	0.221
20	16QAM	50	50	23.35	0.216	23.70	0.234	23.61	0.230
20	16QAM	100	0	23.67	0.233	23.56	0.227	23.64	0.231
20	64QAM	1	0	24.74	0.298	24.80	0.302	24.76	0.299
20	64QAM	1	49	24.70	0.295	24.65	0.292	24.41	0.276
20	64QAM	1	99	24.55	0.285	24.53	0.284	24.43	0.277
20	64QAM	50	0	23.67	0.233	23.82	0.241	23.51	0.224
20	64QAM	50	24	23.66	0.232	23.56	0.227	23.62	0.230
20	64QAM	50	50	23.50	0.224	23.53	0.225	23.67	0.233
20	64QAM	100	0	23.58	0.228	23.60	0.229	23.61	0.230



LTE Band 25				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26115		26365		26615	
Frequency (MHz)				1857.5		1882.5		1907.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	25.40	0.347	25.36	0.344	25.21	0.332
15	QPSK	1	37	25.26	0.336	25.32	0.340	25.22	0.333
15	QPSK	1	74	25.24	0.334	25.21	0.332	25.20	0.331
15	QPSK	36	0	24.60	0.288	24.53	0.284	24.60	0.288
15	QPSK	36	20	24.48	0.281	24.50	0.282	24.50	0.282
15	QPSK	36	39	24.60	0.288	24.43	0.277	24.57	0.286
15	QPSK	75	0	24.52	0.283	24.52	0.283	24.40	0.275
15	16QAM	1	0	24.73	0.297	24.69	0.294	24.66	0.292
15	16QAM	1	37	24.62	0.290	24.70	0.295	24.61	0.289
15	16QAM	1	74	24.55	0.285	24.62	0.290	24.60	0.288
15	16QAM	36	0	23.71	0.235	23.48	0.223	23.60	0.229
15	16QAM	36	20	23.39	0.218	23.62	0.230	23.51	0.224
15	16QAM	36	39	23.48	0.223	23.69	0.234	23.40	0.219
15	16QAM	75	0	23.67	0.233	23.48	0.223	23.39	0.218
15	64QAM	1	0	24.62	0.290	24.72	0.296	24.53	0.284
15	64QAM	1	37	24.57	0.286	24.43	0.277	24.75	0.299
15	64QAM	1	74	24.50	0.282	24.64	0.291	24.50	0.282
15	64QAM	36	0	23.68	0.233	23.51	0.224	23.47	0.222
15	64QAM	36	20	23.55	0.226	23.65	0.232	23.55	0.226
15	64QAM	36	39	23.56	0.227	23.62	0.230	23.63	0.231
15	64QAM	75	0	23.47	0.222	23.42	0.220	23.42	0.220



LTE Band 25				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26090		26365		26640	
Frequency (MHz)				1855		1882.5		1910	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	25.41	0.348	25.27	0.337	25.20	0.331
10	QPSK	1	25	25.32	0.340	25.35	0.343	25.15	0.327
10	QPSK	1	49	25.21	0.332	25.17	0.329	25.22	0.333
10	QPSK	25	0	24.52	0.283	24.51	0.282	24.67	0.293
10	QPSK	25	12	24.52	0.283	24.68	0.294	24.45	0.279
10	QPSK	25	25	24.55	0.285	24.51	0.282	24.40	0.275
10	QPSK	50	0	24.43	0.277	24.51	0.282	24.45	0.279
10	16QAM	1	0	24.83	0.304	24.85	0.305	24.71	0.296
10	16QAM	1	25	24.74	0.298	24.68	0.294	24.57	0.286
10	16QAM	1	49	24.73	0.297	24.78	0.301	24.60	0.288
10	16QAM	25	0	23.52	0.225	23.74	0.237	23.65	0.232
10	16QAM	25	12	23.57	0.228	23.37	0.217	23.35	0.216
10	16QAM	25	25	23.53	0.225	23.70	0.234	23.40	0.219
10	16QAM	50	0	23.66	0.232	23.41	0.219	23.53	0.225
10	64QAM	1	0	24.55	0.285	24.77	0.300	24.68	0.294
10	64QAM	1	25	24.63	0.290	24.53	0.284	24.70	0.295
10	64QAM	1	49	24.42	0.277	24.56	0.286	24.65	0.292
10	64QAM	25	0	23.70	0.234	23.69	0.234	23.70	0.234
10	64QAM	25	12	23.46	0.222	23.66	0.232	23.52	0.225
10	64QAM	25	25	23.35	0.216	23.70	0.234	23.40	0.219
10	64QAM	50	0	23.61	0.230	23.38	0.218	23.73	0.236



LTE Band 25				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26065		26365		26665	
Frequency (MHz)				1852.5		1882.5		1912.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	25.42	0.348	25.30	0.339	25.28	0.337
5	QPSK	1	12	25.35	0.343	25.19	0.330	25.31	0.340
5	QPSK	1	24	25.39	0.346	25.28	0.337	25.26	0.336
5	QPSK	12	0	24.76	0.299	24.57	0.286	24.67	0.293
5	QPSK	12	7	24.37	0.274	24.55	0.285	24.70	0.295
5	QPSK	12	13	24.57	0.286	24.52	0.283	24.48	0.281
5	QPSK	25	0	24.41	0.276	24.67	0.293	24.49	0.281
5	16QAM	1	0	24.84	0.305	24.75	0.299	24.76	0.299
5	16QAM	1	12	24.66	0.292	24.81	0.303	24.54	0.284
5	16QAM	1	24	24.79	0.301	24.73	0.297	24.66	0.292
5	16QAM	12	0	23.60	0.229	23.80	0.240	23.53	0.225
5	16QAM	12	7	23.54	0.226	23.65	0.232	23.48	0.223
5	16QAM	12	13	23.42	0.220	23.51	0.224	23.63	0.231
5	16QAM	25	0	23.65	0.232	23.39	0.218	23.60	0.229
5	64QAM	1	0	24.64	0.291	24.53	0.284	24.68	0.294
5	64QAM	1	12	24.37	0.274	24.63	0.290	24.55	0.285
5	64QAM	1	24	24.66	0.292	24.66	0.292	24.62	0.290
5	64QAM	12	0	23.43	0.220	23.51	0.224	23.65	0.232
5	64QAM	12	7	23.58	0.228	23.65	0.232	23.50	0.224
5	64QAM	12	13	23.30	0.214	23.54	0.226	23.52	0.225
5	64QAM	25	0	23.50	0.224	23.41	0.219	23.59	0.229



LTE Band 25				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26055		26365		26675	
Frequency (MHz)				1851.5		1882.5		1913.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	25.40	0.347	25.34	0.342	25.27	0.337
3	QPSK	1	8	25.24	0.334	25.24	0.334	25.23	0.333
3	QPSK	1	14	25.18	0.330	25.17	0.329	25.20	0.331
3	QPSK	8	0	24.71	0.296	24.59	0.288	24.71	0.296
3	QPSK	8	4	24.48	0.281	24.52	0.283	24.74	0.298
3	QPSK	8	7	24.60	0.288	24.44	0.278	24.71	0.296
3	QPSK	15	0	24.64	0.291	24.50	0.282	24.62	0.290
3	16QAM	1	0	24.92	0.310	24.89	0.308	24.70	0.295
3	16QAM	1	8	24.72	0.296	24.83	0.304	24.72	0.296
3	16QAM	1	14	24.58	0.287	24.93	0.311	24.77	0.300
3	16QAM	8	0	23.53	0.225	23.58	0.228	23.60	0.229
3	16QAM	8	4	23.64	0.231	23.53	0.225	23.46	0.222
3	16QAM	8	7	23.44	0.221	23.68	0.233	23.49	0.223
3	16QAM	15	0	23.47	0.222	23.48	0.223	23.53	0.225
3	64QAM	1	0	24.71	0.296	24.55	0.285	24.70	0.295
3	64QAM	1	8	24.53	0.284	24.49	0.281	24.60	0.288
3	64QAM	1	14	24.58	0.287	24.57	0.286	24.42	0.277
3	64QAM	8	0	23.72	0.236	23.78	0.239	23.79	0.239
3	64QAM	8	4	23.67	0.233	23.72	0.236	23.43	0.220
3	64QAM	8	7	23.33	0.215	23.63	0.231	23.52	0.225
3	64QAM	15	0	23.46	0.222	23.53	0.225	23.71	0.235



LTE Band 25				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26047		26365		26683	
Frequency (MHz)				1850.7		1882.5		1914.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	25.38	0.345	25.27	0.337	25.25	0.335
1.4	QPSK	1	3	25.36	0.344	25.23	0.333	25.22	0.333
1.4	QPSK	1	5	25.29	0.338	25.17	0.329	25.24	0.334
1.4	QPSK	3	0	24.66	0.292	24.47	0.280	24.66	0.292
1.4	QPSK	3	1	24.51	0.282	24.41	0.276	24.47	0.280
1.4	QPSK	3	3	24.46	0.279	24.42	0.277	24.37	0.274
1.4	QPSK	6	0	24.53	0.284	24.46	0.279	24.57	0.286
1.4	16QAM	1	0	24.98	0.315	24.68	0.294	24.91	0.310
1.4	16QAM	1	3	24.61	0.289	24.88	0.308	24.70	0.295
1.4	16QAM	1	5	24.80	0.302	24.90	0.309	24.80	0.302
1.4	16QAM	3	0	23.51	0.224	23.60	0.229	23.52	0.225
1.4	16QAM	3	1	23.48	0.223	23.63	0.231	23.37	0.217
1.4	16QAM	3	3	23.30	0.214	23.53	0.225	23.32	0.215
1.4	16QAM	6	0	23.47	0.222	23.43	0.220	23.60	0.229
1.4	64QAM	1	0	24.60	0.288	24.72	0.296	24.60	0.288
1.4	64QAM	1	3	24.43	0.277	24.68	0.294	24.68	0.294
1.4	64QAM	1	5	24.33	0.271	24.47	0.280	24.58	0.287
1.4	64QAM	3	0	23.50	0.224	23.57	0.228	23.65	0.232
1.4	64QAM	3	1	23.63	0.231	23.72	0.236	23.58	0.228
1.4	64QAM	3	3	23.52	0.225	23.61	0.230	23.45	0.221
1.4	64QAM	6	0	23.62	0.230	23.58	0.228	23.70	0.234



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	19.59	0.091	19.35	0.086	19.53	0.090
15	QPSK	1	37	19.41	0.087	19.55	0.090	19.59	0.091
15	QPSK	1	74	19.43	0.088	19.39	0.087	19.45	0.088
15	QPSK	36	0	18.54	0.071	18.55	0.072	18.30	0.068
15	QPSK	36	20	18.31	0.068	18.59	0.072	18.79	0.076
15	QPSK	36	39	18.32	0.068	18.55	0.072	18.57	0.072
15	QPSK	75	0	18.55	0.072	18.58	0.072	18.29	0.067
15	16QAM	1	0	18.62	0.073	18.60	0.072	18.68	0.074
15	16QAM	1	37	18.58	0.072	18.52	0.071	18.80	0.076
15	16QAM	1	74	18.57	0.072	18.52	0.071	18.64	0.073
15	16QAM	36	0	17.55	0.057	17.48	0.056	17.59	0.057
15	16QAM	36	20	17.66	0.058	17.71	0.059	17.62	0.058
15	16QAM	36	39	17.59	0.057	17.54	0.057	17.45	0.056
15	16QAM	75	0	17.57	0.057	17.61	0.058	17.47	0.056
15	64QAM	1	0	17.76	0.060	17.70	0.059	17.72	0.059
15	64QAM	1	37	17.50	0.056	17.51	0.056	17.47	0.056
15	64QAM	1	74	17.55	0.057	17.43	0.055	17.47	0.056
15	64QAM	36	0	16.56	0.045	16.58	0.045	16.63	0.046
15	64QAM	36	20	16.65	0.046	16.61	0.046	16.66	0.046
15	64QAM	36	39	16.67	0.046	16.73	0.047	16.54	0.045
15	64QAM	75	0	16.58	0.045	16.59	0.046	16.48	0.044



LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26840		26915		26990	
Frequency (MHz)				829.0		836.5		844.0	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	19.63	0.092	19.65	0.092	19.45	0.088
10	QPSK	1	25	19.60	0.091	19.73	0.094	19.56	0.090
10	QPSK	1	49	19.62	0.092	19.45	0.088	19.34	0.086
10	QPSK	25	0	18.55	0.072	18.65	0.073	18.53	0.071
10	QPSK	25	12	18.59	0.072	18.76	0.075	18.44	0.070
10	QPSK	25	25	18.37	0.069	18.84	0.077	18.66	0.073
10	QPSK	50	0	18.67	0.074	18.75	0.075	18.40	0.069
10	16QAM	1	0	19.05	0.080	18.51	0.071	18.66	0.073
10	16QAM	1	25	18.80	0.076	18.85	0.077	18.83	0.076
10	16QAM	1	49	18.66	0.073	18.84	0.077	18.80	0.076
10	16QAM	25	0	17.57	0.057	17.61	0.058	17.63	0.058
10	16QAM	25	12	17.76	0.060	17.76	0.060	17.61	0.058
10	16QAM	25	25	17.61	0.058	17.69	0.059	17.78	0.060
10	16QAM	50	0	17.69	0.059	17.65	0.058	17.63	0.058
10	64QAM	1	0	18.16	0.065	17.80	0.060	17.60	0.058
10	64QAM	1	25	17.96	0.063	17.90	0.062	17.82	0.061
10	64QAM	1	49	17.71	0.059	17.54	0.057	17.44	0.055
10	64QAM	25	0	16.56	0.045	16.63	0.046	16.61	0.046
10	64QAM	25	12	16.77	0.048	16.73	0.047	16.61	0.046
10	64QAM	25	25	16.62	0.046	16.69	0.047	16.59	0.046
10	64QAM	50	0	16.74	0.047	16.78	0.048	16.57	0.045



LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26815		26915		27015	
Frequency (MHz)				826.5		836.5		846.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	19.63	0.092	19.67	0.093	19.62	0.092
5	QPSK	1	12	19.65	0.092	19.52	0.090	19.48	0.089
5	QPSK	1	24	19.48	0.089	19.65	0.092	19.53	0.090
5	QPSK	12	0	18.69	0.074	18.67	0.074	18.72	0.074
5	QPSK	12	7	18.86	0.077	18.81	0.076	18.42	0.070
5	QPSK	12	13	19.10	0.081	18.74	0.075	18.69	0.074
5	QPSK	25	0	18.74	0.075	18.74	0.075	18.68	0.074
5	16QAM	1	0	18.94	0.078	18.82	0.076	18.69	0.074
5	16QAM	1	12	18.89	0.077	18.77	0.075	18.90	0.078
5	16QAM	1	24	18.74	0.075	18.85	0.077	18.75	0.075
5	16QAM	12	0	17.69	0.059	17.60	0.058	17.65	0.058
5	16QAM	12	7	17.88	0.061	17.79	0.060	17.72	0.059
5	16QAM	12	13	17.76	0.060	17.67	0.058	17.73	0.059
5	16QAM	25	0	17.65	0.058	17.66	0.058	17.58	0.057
5	64QAM	1	0	17.76	0.060	18.12	0.065	17.71	0.059
5	64QAM	1	12	17.70	0.059	17.76	0.060	17.53	0.057
5	64QAM	1	24	17.60	0.058	17.64	0.058	17.65	0.058
5	64QAM	12	0	16.54	0.045	16.55	0.045	16.68	0.047
5	64QAM	12	7	16.59	0.046	16.73	0.047	16.75	0.047
5	64QAM	12	13	16.68	0.047	16.81	0.048	16.68	0.047
5	64QAM	25	0	16.69	0.047	16.78	0.048	16.54	0.045



LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26805		26915		27025	
Frequency (MHz)				825.5		836.5		847.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	19.52	0.090	19.64	0.092	19.59	0.091
3	QPSK	1	8	19.63	0.092	19.56	0.090	19.53	0.090
3	QPSK	1	14	19.57	0.091	19.64	0.092	19.44	0.088
3	QPSK	8	0	18.65	0.073	18.54	0.071	18.68	0.074
3	QPSK	8	4	18.78	0.076	18.71	0.074	18.47	0.070
3	QPSK	8	7	18.67	0.074	18.68	0.074	18.69	0.074
3	QPSK	15	0	18.68	0.074	18.69	0.074	18.49	0.071
3	16QAM	1	0	19.07	0.081	18.88	0.077	18.69	0.074
3	16QAM	1	8	19.12	0.082	18.82	0.076	18.82	0.076
3	16QAM	1	14	19.01	0.080	18.81	0.076	18.63	0.073
3	16QAM	8	0	17.72	0.059	17.56	0.057	17.72	0.059
3	16QAM	8	4	17.67	0.058	17.75	0.060	17.68	0.059
3	16QAM	8	7	17.73	0.059	17.61	0.058	17.68	0.059
3	16QAM	15	0	17.66	0.058	17.69	0.059	17.67	0.058
3	64QAM	1	0	17.80	0.060	17.58	0.057	17.76	0.060
3	64QAM	1	8	17.91	0.062	17.52	0.056	17.72	0.059
3	64QAM	1	14	17.53	0.057	17.67	0.058	17.71	0.059
3	64QAM	8	0	16.73	0.047	16.76	0.047	16.56	0.045
3	64QAM	8	4	16.82	0.048	16.68	0.047	16.85	0.048
3	64QAM	8	7	16.67	0.046	16.72	0.047	16.69	0.047
3	64QAM	15	0	16.69	0.047	16.63	0.046	16.62	0.046



LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26797		26915		27033	
Frequency (MHz)				824.7		836.5		848.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	19.34	0.086	19.66	0.092	19.43	0.088
1.4	QPSK	1	3	19.52	0.090	19.47	0.089	19.50	0.089
1.4	QPSK	1	5	19.36	0.086	19.54	0.090	19.41	0.087
1.4	QPSK	3	0	19.49	0.089	19.45	0.088	19.28	0.085
1.4	QPSK	3	1	19.41	0.087	19.31	0.085	19.43	0.088
1.4	QPSK	3	3	19.48	0.089	19.66	0.092	19.35	0.086
1.4	QPSK	6	0	18.80	0.076	18.47	0.070	18.69	0.074
1.4	16QAM	1	0	18.85	0.077	18.84	0.077	18.73	0.075
1.4	16QAM	1	3	19.02	0.080	18.50	0.071	18.78	0.076
1.4	16QAM	1	5	18.74	0.075	18.71	0.074	18.57	0.072
1.4	16QAM	3	0	18.80	0.076	18.43	0.070	18.55	0.072
1.4	16QAM	3	1	18.81	0.076	18.68	0.074	18.51	0.071
1.4	16QAM	3	3	18.78	0.076	18.56	0.072	18.54	0.071
1.4	16QAM	6	0	17.76	0.060	17.69	0.059	17.60	0.058
1.4	64QAM	1	0	17.87	0.061	17.61	0.058	17.69	0.059
1.4	64QAM	1	3	17.90	0.062	17.74	0.059	17.75	0.060
1.4	64QAM	1	5	17.64	0.058	17.72	0.059	17.74	0.059
1.4	64QAM	3	0	17.69	0.059	17.59	0.057	17.53	0.057
1.4	64QAM	3	1	17.69	0.059	17.77	0.060	17.62	0.058
1.4	64QAM	3	3	17.84	0.061	17.52	0.056	17.65	0.058
1.4	64QAM	6	0	16.79	0.048	16.65	0.046	16.65	0.046



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	/	/	23.77	0.238	/	/
10	QPSK	1	25	/	/	23.73	0.236	/	/
10	QPSK	1	49	/	/	23.68	0.233	/	/
10	QPSK	25	0	/	/	22.83	0.192	/	/
10	QPSK	25	12	/	/	22.87	0.194	/	/
10	QPSK	25	25	/	/	22.81	0.191	/	/
10	QPSK	50	0	/	/	22.82	0.191	/	/
10	16QAM	1	0	/	/	23.08	0.203	/	/
10	16QAM	1	25	/	/	22.90	0.195	/	/
10	16QAM	1	49	/	/	22.87	0.194	/	/
10	16QAM	25	0	/	/	21.84	0.153	/	/
10	16QAM	25	12	/	/	21.80	0.151	/	/
10	16QAM	25	25	/	/	21.90	0.155	/	/
10	16QAM	50	0	/	/	21.78	0.151	/	/
10	64QAM	1	0	/	/	22.92	0.196	/	/
10	64QAM	1	25	/	/	22.84	0.192	/	/
10	64QAM	1	49	/	/	22.76	0.189	/	/
10	64QAM	25	0	/	/	21.78	0.151	/	/
10	64QAM	25	12	/	/	21.75	0.150	/	/
10	64QAM	25	25	/	/	21.71	0.148	/	/
10	64QAM	50	0	/	/	21.84	0.153	/	/



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	23.64	0.231	23.75	0.237	23.72	0.236
5	QPSK	1	12	23.52	0.225	23.66	0.232	23.66	0.232
5	QPSK	1	24	23.58	0.228	23.63	0.231	23.58	0.228
5	QPSK	12	0	22.79	0.190	22.95	0.197	22.89	0.195
5	QPSK	12	7	22.66	0.185	22.77	0.189	22.75	0.188
5	QPSK	12	13	22.88	0.194	22.79	0.190	22.77	0.189
5	QPSK	25	0	22.90	0.195	22.76	0.189	22.64	0.184
5	16QAM	1	0	23.01	0.200	23.06	0.202	22.86	0.193
5	16QAM	1	12	23.15	0.207	22.87	0.194	22.79	0.190
5	16QAM	1	24	22.91	0.195	23.08	0.203	22.92	0.196
5	16QAM	12	0	21.73	0.149	21.99	0.158	21.84	0.153
5	16QAM	12	7	21.77	0.150	21.76	0.150	21.85	0.153
5	16QAM	12	13	21.66	0.147	21.73	0.149	21.66	0.147
5	16QAM	25	0	21.91	0.155	21.60	0.145	21.75	0.150
5	64QAM	1	0	22.79	0.190	22.84	0.192	22.74	0.188
5	64QAM	1	12	22.61	0.182	22.74	0.188	22.74	0.188
5	64QAM	1	24	22.77	0.189	22.77	0.189	22.81	0.191
5	64QAM	12	0	21.70	0.148	21.94	0.156	21.87	0.154
5	64QAM	12	7	21.64	0.146	21.69	0.148	21.90	0.155
5	64QAM	12	13	21.78	0.151	21.73	0.149	21.90	0.155
5	64QAM	25	0	21.68	0.147	21.91	0.155	21.85	0.153



LTE Band 38				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				37850		38000		38150	
Frequency (MHz)				2580		2595		2610	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	24.31	0.270	24.33	0.271	24.28	0.268
20	QPSK	1	49	24.30	0.269	24.22	0.264	24.21	0.264
20	QPSK	1	99	24.19	0.262	24.15	0.260	24.23	0.265
20	QPSK	50	0	23.49	0.223	23.55	0.226	23.54	0.226
20	QPSK	50	24	23.27	0.212	23.49	0.223	23.53	0.225
20	QPSK	50	50	23.50	0.224	23.28	0.213	23.24	0.211
20	QPSK	100	0	23.30	0.214	23.36	0.217	23.29	0.213
20	16QAM	1	0	23.80	0.240	23.87	0.244	23.52	0.225
20	16QAM	1	49	23.53	0.225	23.53	0.225	23.63	0.231
20	16QAM	1	99	23.60	0.229	23.65	0.232	23.67	0.233
20	16QAM	50	0	22.56	0.180	22.55	0.180	22.38	0.173
20	16QAM	50	24	22.27	0.169	22.55	0.180	22.34	0.171
20	16QAM	50	50	22.31	0.170	22.25	0.168	22.36	0.172
20	16QAM	100	0	22.34	0.171	22.23	0.167	22.19	0.166
20	64QAM	1	0	23.48	0.223	23.49	0.223	23.53	0.225
20	64QAM	1	49	23.38	0.218	23.40	0.219	23.48	0.223
20	64QAM	1	99	23.48	0.223	23.53	0.225	23.22	0.210
20	64QAM	50	0	22.45	0.176	22.67	0.185	22.61	0.182
20	64QAM	50	24	22.47	0.177	22.63	0.183	22.37	0.173
20	64QAM	50	50	22.33	0.171	22.49	0.177	22.55	0.180
20	64QAM	100	0	22.22	0.167	22.48	0.177	22.39	0.173



LTE Band 38				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				37825		38000		38175	
Frequency (MHz)				2577.5		2595		2612.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	24.20	0.263	24.31	0.270	24.24	0.265
15	QPSK	1	37	24.22	0.264	24.25	0.266	24.13	0.259
15	QPSK	1	74	24.23	0.265	24.07	0.255	24.07	0.255
15	QPSK	36	0	23.35	0.216	23.57	0.228	23.56	0.227
15	QPSK	36	20	23.48	0.223	23.30	0.214	23.45	0.221
15	QPSK	36	39	23.28	0.213	23.51	0.224	23.50	0.224
15	QPSK	75	0	23.50	0.224	23.63	0.231	23.51	0.224
15	16QAM	1	0	23.51	0.224	23.59	0.229	23.67	0.233
15	16QAM	1	37	23.49	0.223	23.63	0.231	23.47	0.222
15	16QAM	1	74	23.42	0.220	23.68	0.233	23.75	0.237
15	16QAM	36	0	22.52	0.179	22.51	0.178	22.36	0.172
15	16QAM	36	20	22.20	0.166	22.53	0.179	22.48	0.177
15	16QAM	36	39	22.26	0.168	22.36	0.172	22.45	0.176
15	16QAM	75	0	22.48	0.177	22.31	0.170	22.21	0.166
15	64QAM	1	0	23.32	0.215	23.44	0.221	23.41	0.219
15	64QAM	1	37	23.41	0.219	23.60	0.229	23.62	0.230
15	64QAM	1	74	23.32	0.215	23.49	0.223	23.41	0.219
15	64QAM	36	0	22.37	0.173	22.34	0.171	22.43	0.175
15	64QAM	36	20	22.43	0.175	22.44	0.175	22.53	0.179
15	64QAM	36	39	22.17	0.165	22.36	0.172	22.26	0.168
15	64QAM	75	0	22.52	0.179	22.40	0.174	22.28	0.169



LTE Band 38				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				37800		38000		38200	
Frequency (MHz)				2575		2595		2615	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	24.24	0.265	24.28	0.268	24.18	0.262
10	QPSK	1	25	24.13	0.259	24.19	0.262	24.23	0.265
10	QPSK	1	49	24.20	0.263	24.25	0.266	24.25	0.266
10	QPSK	25	0	23.55	0.226	23.55	0.226	23.34	0.216
10	QPSK	25	12	23.26	0.212	23.28	0.213	23.38	0.218
10	QPSK	25	25	23.27	0.212	23.54	0.226	23.23	0.210
10	QPSK	50	0	23.29	0.213	23.39	0.218	23.55	0.226
10	16QAM	1	0	23.76	0.238	23.65	0.232	23.67	0.233
10	16QAM	1	25	23.50	0.224	23.67	0.233	23.58	0.228
10	16QAM	1	49	23.76	0.238	23.78	0.239	23.61	0.230
10	16QAM	25	0	22.45	0.176	22.58	0.181	22.56	0.180
10	16QAM	25	12	22.47	0.177	22.38	0.173	22.24	0.167
10	16QAM	25	25	22.28	0.169	22.26	0.168	22.48	0.177
10	16QAM	50	0	22.26	0.168	22.36	0.172	22.36	0.172
10	64QAM	1	0	23.41	0.219	23.54	0.226	23.53	0.225
10	64QAM	1	25	23.24	0.211	23.33	0.215	23.57	0.228
10	64QAM	1	49	23.48	0.223	23.60	0.229	23.32	0.215
10	64QAM	25	0	22.64	0.184	22.45	0.176	22.63	0.183
10	64QAM	25	12	22.50	0.178	22.30	0.170	22.35	0.172
10	64QAM	25	25	22.32	0.171	22.30	0.170	22.57	0.181
10	64QAM	50	0	22.50	0.178	22.37	0.173	22.50	0.178



LTE Band 38				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				37775		38000		38225	
Frequency (MHz)				2572.5		2595		2617.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	24.27	0.267	24.30	0.269	24.28	0.268
5	QPSK	1	12	24.26	0.267	24.27	0.267	24.26	0.267
5	QPSK	1	24	24.11	0.258	24.24	0.265	24.16	0.261
5	QPSK	12	0	23.48	0.223	23.48	0.223	23.40	0.219
5	QPSK	12	7	23.46	0.222	23.58	0.228	23.60	0.229
5	QPSK	12	13	23.58	0.228	23.46	0.222	23.49	0.223
5	QPSK	25	0	23.42	0.220	23.40	0.219	23.50	0.224
5	16QAM	1	0	23.68	0.233	23.83	0.242	23.70	0.234
5	16QAM	1	12	23.60	0.229	23.64	0.231	23.63	0.231
5	16QAM	1	24	23.70	0.234	23.71	0.235	23.55	0.226
5	16QAM	12	0	22.59	0.182	22.37	0.173	22.60	0.182
5	16QAM	12	7	22.47	0.177	22.50	0.178	22.29	0.169
5	16QAM	12	13	22.31	0.170	22.28	0.169	22.32	0.171
5	16QAM	25	0	22.50	0.178	22.22	0.167	22.35	0.172
5	64QAM	1	0	23.40	0.219	23.62	0.230	23.39	0.218
5	64QAM	1	12	23.36	0.217	23.61	0.230	23.53	0.225
5	64QAM	1	24	23.30	0.214	23.33	0.215	23.43	0.220
5	64QAM	12	0	22.47	0.177	22.55	0.180	22.60	0.182
5	64QAM	12	7	22.38	0.173	22.60	0.182	22.48	0.177
5	64QAM	12	13	22.37	0.173	22.27	0.169	22.38	0.173
5	64QAM	25	0	22.23	0.167	22.27	0.169	22.54	0.179



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	25.03	0.318	25.32	0.340	25.14	0.327
20	QPSK	1	49	24.98	0.315	25.29	0.338	25.04	0.319
20	QPSK	1	99	24.95	0.313	25.28	0.337	24.99	0.316
20	QPSK	50	0	24.26	0.267	24.57	0.286	24.44	0.278
20	QPSK	50	24	24.17	0.261	24.30	0.269	24.29	0.269
20	QPSK	50	50	24.15	0.260	24.39	0.275	24.37	0.274
20	QPSK	100	0	24.19	0.262	24.44	0.278	24.31	0.270
20	16QAM	1	0	24.50	0.282	24.61	0.289	24.66	0.292
20	16QAM	1	49	24.37	0.274	24.75	0.299	24.34	0.272
20	16QAM	1	99	24.42	0.277	24.63	0.290	24.34	0.272
20	16QAM	50	0	23.32	0.215	23.59	0.229	23.34	0.216
20	16QAM	50	24	23.19	0.208	23.53	0.225	23.34	0.216
20	16QAM	50	50	23.26	0.212	23.52	0.225	23.20	0.209
20	16QAM	100	0	23.26	0.212	23.39	0.218	23.27	0.212
20	64QAM	1	0	24.07	0.255	24.49	0.281	24.22	0.264
20	64QAM	1	49	24.15	0.260	24.38	0.274	24.38	0.274
20	64QAM	1	99	24.07	0.255	24.33	0.271	24.10	0.257
20	64QAM	50	0	23.16	0.207	23.58	0.228	23.34	0.216
20	64QAM	50	24	23.14	0.206	23.44	0.221	23.25	0.211
20	64QAM	50	50	23.19	0.208	23.28	0.213	23.21	0.209
20	64QAM	100	0	23.21	0.209	23.52	0.225	23.32	0.215



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	24.98	0.315	25.30	0.339	25.02	0.318
15	QPSK	1	37	24.90	0.309	25.26	0.336	24.99	0.316
15	QPSK	1	74	24.95	0.313	25.23	0.333	24.92	0.310
15	QPSK	36	0	24.27	0.267	24.44	0.278	24.21	0.264
15	QPSK	36	20	24.25	0.266	24.31	0.270	24.24	0.265
15	QPSK	36	39	24.13	0.259	24.44	0.278	24.11	0.258
15	QPSK	75	0	24.31	0.270	24.58	0.287	24.15	0.260
15	16QAM	1	0	24.36	0.273	24.73	0.297	24.36	0.273
15	16QAM	1	37	24.41	0.276	24.63	0.290	24.49	0.281
15	16QAM	1	74	24.35	0.272	24.61	0.289	24.46	0.279
15	16QAM	36	0	23.28	0.213	23.64	0.231	23.48	0.223
15	16QAM	36	20	23.22	0.210	23.33	0.215	23.32	0.215
15	16QAM	36	39	23.16	0.207	23.55	0.226	23.23	0.210
15	16QAM	75	0	23.10	0.204	23.21	0.209	23.34	0.216
15	64QAM	1	0	24.20	0.263	24.55	0.285	24.49	0.281
15	64QAM	1	37	24.26	0.267	24.51	0.282	24.28	0.268
15	64QAM	1	74	24.13	0.259	24.43	0.277	24.12	0.258
15	64QAM	36	0	23.31	0.214	23.51	0.224	23.14	0.206
15	64QAM	36	20	23.28	0.213	23.38	0.218	23.19	0.208
15	64QAM	36	39	23.15	0.207	23.45	0.221	23.07	0.203
15	64QAM	75	0	23.28	0.213	23.33	0.215	23.10	0.204



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	25.11	0.324	25.29	0.338	25.04	0.319
10	QPSK	1	25	24.80	0.302	25.20	0.331	24.88	0.308
10	QPSK	1	49	24.95	0.313	25.23	0.333	25.14	0.327
10	QPSK	25	0	24.16	0.261	24.63	0.290	24.37	0.274
10	QPSK	25	12	24.16	0.261	24.34	0.272	24.27	0.267
10	QPSK	25	25	24.15	0.260	24.36	0.273	24.19	0.262
10	QPSK	50	0	24.29	0.269	24.47	0.280	24.27	0.267
10	16QAM	1	0	24.48	0.281	24.70	0.295	24.40	0.275
10	16QAM	1	25	24.54	0.284	24.65	0.292	24.30	0.269
10	16QAM	1	49	24.37	0.274	24.53	0.284	24.42	0.277
10	16QAM	25	0	23.39	0.218	23.57	0.228	23.30	0.214
10	16QAM	25	12	23.15	0.207	23.54	0.226	23.15	0.207
10	16QAM	25	25	23.18	0.208	23.24	0.211	23.16	0.207
10	16QAM	50	0	23.29	0.213	23.43	0.220	23.37	0.217
10	64QAM	1	0	24.24	0.265	24.63	0.290	24.24	0.265
10	64QAM	1	25	24.27	0.267	24.53	0.284	24.21	0.264
10	64QAM	1	49	24.14	0.259	24.46	0.279	24.16	0.261
10	64QAM	25	0	23.19	0.208	23.50	0.224	23.28	0.213
10	64QAM	25	12	23.25	0.211	23.62	0.230	23.20	0.209
10	64QAM	25	25	23.13	0.206	23.47	0.222	23.21	0.209
10	64QAM	50	0	23.09	0.204	23.33	0.215	23.09	0.204



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	24.97	0.314	25.27	0.337	25.13	0.326
5	QPSK	1	12	24.96	0.313	25.12	0.325	25.07	0.321
5	QPSK	1	24	24.94	0.312	25.08	0.322	24.87	0.307
5	QPSK	12	0	24.37	0.274	24.55	0.285	24.45	0.279
5	QPSK	12	7	24.10	0.257	24.43	0.277	24.31	0.270
5	QPSK	12	13	24.15	0.260	24.48	0.281	24.23	0.265
5	QPSK	25	0	24.05	0.254	24.38	0.274	24.28	0.268
5	16QAM	1	0	24.25	0.266	24.64	0.291	24.33	0.271
5	16QAM	1	12	24.23	0.265	24.56	0.286	24.34	0.272
5	16QAM	1	24	24.28	0.268	24.59	0.288	24.26	0.267
5	16QAM	12	0	23.37	0.217	23.60	0.229	23.18	0.208
5	16QAM	12	7	23.25	0.211	23.34	0.216	23.18	0.208
5	16QAM	12	13	23.19	0.208	23.38	0.218	23.24	0.211
5	16QAM	25	0	23.18	0.208	23.51	0.224	23.29	0.213
5	64QAM	1	0	24.26	0.267	24.54	0.284	24.40	0.275
5	64QAM	1	12	24.06	0.255	24.49	0.281	24.22	0.264
5	64QAM	1	24	24.27	0.267	24.53	0.284	24.23	0.265
5	64QAM	12	0	23.04	0.201	23.45	0.221	23.22	0.210
5	64QAM	12	7	23.01	0.200	23.46	0.222	23.07	0.203
5	64QAM	12	13	23.13	0.206	23.38	0.218	23.06	0.202
5	64QAM	25	0	22.99	0.199	23.33	0.215	23.39	0.218



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	27.30	0.537	27.42	0.552	27.25	0.531
20	QPSK	1	49	27.17	0.521	27.20	0.525	26.98	0.499
20	QPSK	1	99	27.21	0.526	27.07	0.509	27.17	0.521
20	QPSK	50	0	26.39	0.436	26.49	0.446	26.43	0.440
20	QPSK	50	24	26.23	0.420	26.33	0.430	26.32	0.429
20	QPSK	50	50	26.31	0.428	26.27	0.424	26.25	0.422
20	QPSK	100	0	26.34	0.431	26.48	0.445	26.29	0.426
20	16QAM	1	0	26.56	0.453	26.76	0.474	26.51	0.448
20	16QAM	1	49	26.57	0.454	26.67	0.465	26.50	0.447
20	16QAM	1	99	26.45	0.442	26.71	0.469	26.33	0.430
20	16QAM	50	0	25.58	0.361	25.64	0.366	25.50	0.355
20	16QAM	50	24	25.35	0.343	25.51	0.356	25.18	0.330
20	16QAM	50	50	25.17	0.329	25.29	0.338	25.24	0.334
20	16QAM	100	0	25.40	0.347	25.45	0.351	25.28	0.337
20	64QAM	1	0	26.52	0.449	26.49	0.446	26.34	0.431
20	64QAM	1	49	26.51	0.448	26.59	0.456	26.19	0.416
20	64QAM	1	99	26.31	0.428	26.51	0.448	26.19	0.416
20	64QAM	50	0	25.50	0.355	25.44	0.350	25.29	0.338
20	64QAM	50	24	25.43	0.349	25.42	0.348	25.19	0.330
20	64QAM	50	50	25.44	0.350	25.35	0.343	25.31	0.340
20	64QAM	100	0	25.45	0.351	25.48	0.353	25.42	0.348



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	27.28	0.535	27.39	0.548	27.19	0.524
15	QPSK	1	37	27.24	0.530	27.14	0.518	27.12	0.515
15	QPSK	1	74	27.13	0.516	27.28	0.535	27.05	0.507
15	QPSK	36	0	26.52	0.449	26.55	0.452	26.34	0.431
15	QPSK	36	20	26.30	0.427	26.40	0.437	26.12	0.409
15	QPSK	36	39	26.24	0.421	26.36	0.433	26.27	0.424
15	QPSK	75	0	26.34	0.431	26.40	0.437	26.25	0.422
15	16QAM	1	0	26.78	0.476	26.82	0.481	26.50	0.447
15	16QAM	1	37	26.50	0.447	26.77	0.475	26.43	0.440
15	16QAM	1	74	26.47	0.444	26.63	0.460	26.44	0.441
15	16QAM	36	0	25.37	0.344	25.61	0.364	25.35	0.343
15	16QAM	36	20	25.47	0.352	25.58	0.361	25.34	0.342
15	16QAM	36	39	25.28	0.337	25.60	0.363	25.16	0.328
15	16QAM	75	0	25.53	0.357	25.46	0.352	25.42	0.348
15	64QAM	1	0	26.39	0.436	26.56	0.453	26.20	0.417
15	64QAM	1	37	26.45	0.442	26.38	0.435	26.32	0.429
15	64QAM	1	74	26.39	0.436	26.51	0.448	26.14	0.411
15	64QAM	36	0	25.49	0.354	25.58	0.361	25.36	0.344
15	64QAM	36	20	25.41	0.348	25.52	0.356	25.15	0.327
15	64QAM	36	39	25.41	0.348	25.49	0.354	25.32	0.340
15	64QAM	75	0	25.52	0.356	25.47	0.352	25.30	0.339



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	27.17	0.521	27.40	0.550	27.30	0.537
10	QPSK	1	25	27.29	0.536	27.14	0.518	27.02	0.504
10	QPSK	1	49	27.05	0.507	27.19	0.524	27.06	0.508
10	QPSK	25	0	26.60	0.457	26.48	0.445	26.43	0.440
10	QPSK	25	12	26.27	0.424	26.41	0.438	26.38	0.435
10	QPSK	25	25	26.50	0.447	26.48	0.445	26.21	0.418
10	QPSK	50	0	26.29	0.426	26.33	0.430	26.22	0.419
10	16QAM	1	0	26.73	0.471	26.70	0.468	26.59	0.456
10	16QAM	1	25	26.75	0.473	26.59	0.456	26.66	0.463
10	16QAM	1	49	26.57	0.454	26.72	0.470	26.37	0.434
10	16QAM	25	0	25.43	0.349	25.62	0.365	25.30	0.339
10	16QAM	25	12	25.13	0.326	25.41	0.348	25.22	0.333
10	16QAM	25	25	25.18	0.330	25.45	0.351	25.27	0.337
10	16QAM	50	0	25.39	0.346	25.24	0.334	25.26	0.336
10	64QAM	1	0	26.61	0.458	26.62	0.459	26.50	0.447
10	64QAM	1	25	26.38	0.435	26.32	0.429	26.39	0.436
10	64QAM	1	49	26.36	0.433	26.37	0.434	26.29	0.426
10	64QAM	25	0	25.31	0.340	25.59	0.362	25.28	0.337
10	64QAM	25	12	25.50	0.355	25.59	0.362	25.20	0.331
10	64QAM	25	25	25.20	0.331	25.58	0.361	25.28	0.337
10	64QAM	50	0	25.25	0.335	25.34	0.342	25.34	0.342



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	27.33	0.541	27.37	0.546	27.23	0.528
5	QPSK	1	12	27.03	0.505	27.26	0.532	27.13	0.516
5	QPSK	1	24	26.97	0.498	27.24	0.530	27.06	0.508
5	QPSK	12	0	26.54	0.451	26.52	0.449	26.21	0.418
5	QPSK	12	7	26.17	0.414	26.41	0.438	26.07	0.405
5	QPSK	12	13	26.41	0.438	26.51	0.448	26.18	0.415
5	QPSK	25	0	26.29	0.426	26.42	0.439	26.28	0.425
5	16QAM	1	0	26.55	0.452	26.84	0.483	26.52	0.449
5	16QAM	1	12	26.66	0.463	26.65	0.462	26.67	0.465
5	16QAM	1	24	26.67	0.465	26.57	0.454	26.60	0.457
5	16QAM	12	0	25.29	0.338	25.62	0.365	25.40	0.347
5	16QAM	12	7	25.42	0.348	25.55	0.359	25.26	0.336
5	16QAM	12	13	25.28	0.337	25.44	0.350	25.16	0.328
5	16QAM	25	0	25.39	0.346	25.27	0.337	25.31	0.340
5	64QAM	1	0	26.37	0.434	26.53	0.450	26.31	0.428
5	64QAM	1	12	26.39	0.436	26.33	0.430	26.29	0.426
5	64QAM	1	24	26.39	0.436	26.47	0.444	26.16	0.413
5	64QAM	12	0	25.51	0.356	25.62	0.365	25.42	0.348
5	64QAM	12	7	25.47	0.352	25.61	0.364	25.33	0.341
5	64QAM	12	13	25.38	0.345	25.55	0.359	25.12	0.325
5	64QAM	25	0	25.42	0.348	25.54	0.358	25.20	0.331



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	25.12	0.325	25.17	0.329	25.35	0.343
20	QPSK	1	49	25.02	0.318	25.09	0.323	25.22	0.333
20	QPSK	1	99	25.09	0.323	25.14	0.327	25.24	0.334
20	QPSK	50	0	24.20	0.263	24.25	0.266	24.31	0.270
20	QPSK	50	24	24.12	0.258	24.12	0.258	24.27	0.267
20	QPSK	50	50	24.16	0.261	24.14	0.259	24.04	0.254
20	QPSK	100	0	24.15	0.260	24.05	0.254	24.22	0.264
20	16QAM	1	0	24.51	0.282	24.55	0.285	24.29	0.269
20	16QAM	1	49	24.55	0.285	24.42	0.277	24.43	0.277
20	16QAM	1	99	24.19	0.262	24.32	0.270	24.32	0.270
20	16QAM	50	0	23.20	0.209	23.27	0.212	23.27	0.212
20	16QAM	50	24	22.93	0.196	23.05	0.202	23.15	0.207
20	16QAM	50	50	23.12	0.205	23.16	0.207	23.15	0.207
20	16QAM	100	0	23.14	0.206	23.15	0.207	23.06	0.202
20	64QAM	1	0	24.09	0.256	24.26	0.267	24.36	0.273
20	64QAM	1	49	24.01	0.252	24.35	0.272	24.04	0.254
20	64QAM	1	99	24.17	0.261	24.12	0.258	24.28	0.268
20	64QAM	50	0	23.25	0.211	23.34	0.216	23.13	0.206
20	64QAM	50	24	23.21	0.209	23.05	0.202	23.17	0.207
20	64QAM	50	50	23.22	0.210	23.20	0.209	23.02	0.200
20	64QAM	100	0	23.17	0.207	23.14	0.206	23.13	0.206



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	25.01	0.317	24.99	0.316	25.19	0.330
15	QPSK	1	37	24.85	0.305	25.03	0.318	25.04	0.319
15	QPSK	1	74	24.94	0.312	24.96	0.313	25.15	0.327
15	QPSK	36	0	24.16	0.261	24.20	0.263	24.18	0.262
15	QPSK	36	20	24.14	0.259	24.08	0.256	24.08	0.256
15	QPSK	36	39	24.21	0.264	24.13	0.259	23.98	0.250
15	QPSK	75	0	24.06	0.255	24.33	0.271	24.35	0.272
15	16QAM	1	0	24.39	0.275	24.37	0.274	24.37	0.274
15	16QAM	1	37	24.53	0.284	24.37	0.274	24.49	0.281
15	16QAM	1	74	24.39	0.275	24.42	0.277	24.49	0.281
15	16QAM	36	0	23.16	0.207	23.12	0.205	23.33	0.215
15	16QAM	36	20	23.01	0.200	23.09	0.204	22.99	0.199
15	16QAM	36	39	23.10	0.204	23.18	0.208	23.19	0.208
15	16QAM	75	0	23.14	0.206	23.03	0.201	23.06	0.202
15	64QAM	1	0	24.35	0.272	24.28	0.268	24.12	0.258
15	64QAM	1	37	24.24	0.265	24.33	0.271	24.33	0.271
15	64QAM	1	74	24.26	0.267	24.26	0.267	24.03	0.253
15	64QAM	36	0	23.27	0.212	23.26	0.212	23.20	0.209
15	64QAM	36	20	23.00	0.200	23.30	0.214	23.06	0.202
15	64QAM	36	39	22.93	0.196	23.29	0.213	23.15	0.207
15	64QAM	75	0	23.17	0.207	23.12	0.205	23.18	0.208



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				132022		132322		132622	
Frequency (MHz)				1715		1745		1775	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	24.98	0.315	25.07	0.321	25.16	0.328
10	QPSK	1	25	24.84	0.305	25.06	0.321	25.03	0.318
10	QPSK	1	49	24.89	0.308	24.87	0.307	25.05	0.320
10	QPSK	25	0	24.35	0.272	24.19	0.262	24.15	0.260
10	QPSK	25	12	24.04	0.254	24.16	0.261	24.15	0.260
10	QPSK	25	25	24.23	0.265	24.23	0.265	24.15	0.260
10	QPSK	50	0	24.36	0.273	24.14	0.259	24.13	0.259
10	16QAM	1	0	24.58	0.287	24.49	0.281	24.42	0.277
10	16QAM	1	25	24.31	0.270	24.35	0.272	24.47	0.280
10	16QAM	1	49	24.45	0.279	24.31	0.270	24.21	0.264
10	16QAM	25	0	23.22	0.210	23.09	0.204	23.13	0.206
10	16QAM	25	12	23.10	0.204	23.11	0.205	23.05	0.202
10	16QAM	25	25	23.13	0.206	23.28	0.213	22.95	0.197
10	16QAM	50	0	22.99	0.199	23.13	0.206	23.22	0.210
10	64QAM	1	0	24.38	0.274	24.20	0.263	24.18	0.262
10	64QAM	1	25	24.00	0.251	24.27	0.267	24.37	0.274
10	64QAM	1	49	24.07	0.255	24.31	0.270	24.04	0.254
10	64QAM	25	0	23.23	0.210	23.09	0.204	23.15	0.207
10	64QAM	25	12	23.11	0.205	23.07	0.203	23.02	0.200
10	64QAM	25	25	23.11	0.205	23.31	0.214	23.06	0.202
10	64QAM	50	0	23.17	0.207	23.31	0.214	23.10	0.204



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				131997		132322		132647	
Frequency (MHz)				1712.5		1745		1777.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	24.98	0.315	24.97	0.314	25.15	0.327
5	QPSK	1	12	24.79	0.301	24.90	0.309	25.02	0.318
5	QPSK	1	24	24.79	0.301	24.86	0.306	24.89	0.308
5	QPSK	12	0	24.28	0.268	24.24	0.265	24.19	0.262
5	QPSK	12	7	23.97	0.249	24.28	0.268	24.16	0.261
5	QPSK	12	13	24.30	0.269	24.03	0.253	24.05	0.254
5	QPSK	25	0	24.24	0.265	24.06	0.255	24.31	0.270
5	16QAM	1	0	24.35	0.272	24.33	0.271	24.39	0.275
5	16QAM	1	12	24.33	0.271	24.31	0.270	24.17	0.261
5	16QAM	1	24	24.36	0.273	24.29	0.269	24.27	0.267
5	16QAM	12	0	23.28	0.213	23.24	0.211	23.20	0.209
5	16QAM	12	7	23.23	0.210	23.18	0.208	23.04	0.201
5	16QAM	12	13	23.06	0.202	23.14	0.206	23.14	0.206
5	16QAM	25	0	23.26	0.212	23.05	0.202	22.97	0.198
5	64QAM	1	0	24.24	0.265	24.20	0.263	24.39	0.275
5	64QAM	1	12	24.27	0.267	24.17	0.261	24.38	0.274
5	64QAM	1	24	24.17	0.261	24.35	0.272	24.20	0.263
5	64QAM	12	0	23.06	0.202	23.33	0.215	23.32	0.215
5	64QAM	12	7	22.99	0.199	23.05	0.202	23.01	0.200
5	64QAM	12	13	23.14	0.206	23.10	0.204	22.99	0.199
5	64QAM	25	0	23.31	0.214	23.20	0.209	23.21	0.209



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	25.00	0.316	25.01	0.317	25.13	0.326
3	QPSK	1	8	24.91	0.310	24.89	0.308	25.08	0.322
3	QPSK	1	14	24.89	0.308	24.94	0.312	25.06	0.321
3	QPSK	8	0	24.23	0.265	24.32	0.270	24.36	0.273
3	QPSK	8	4	24.17	0.261	24.27	0.267	24.13	0.259
3	QPSK	8	7	24.28	0.268	24.14	0.259	24.29	0.269
3	QPSK	15	0	24.29	0.269	24.17	0.261	24.03	0.253
3	16QAM	1	0	24.25	0.266	24.49	0.281	24.46	0.279
3	16QAM	1	8	24.27	0.267	24.44	0.278	24.41	0.276
3	16QAM	1	14	24.33	0.271	24.47	0.280	24.19	0.262
3	16QAM	8	0	23.28	0.213	23.33	0.215	23.36	0.217
3	16QAM	8	4	23.09	0.204	23.24	0.211	23.21	0.209
3	16QAM	8	7	23.11	0.205	23.22	0.210	23.19	0.208
3	16QAM	15	0	23.02	0.200	23.25	0.211	23.18	0.208
3	64QAM	1	0	24.41	0.276	24.19	0.262	24.20	0.263
3	64QAM	1	8	24.32	0.270	24.20	0.263	24.36	0.273
3	64QAM	1	14	24.02	0.252	24.39	0.275	24.18	0.262
3	64QAM	8	0	23.33	0.215	23.25	0.211	23.20	0.209
3	64QAM	8	4	23.20	0.209	23.19	0.208	23.30	0.214
3	64QAM	8	7	22.97	0.198	23.26	0.212	23.08	0.203
3	64QAM	15	0	23.28	0.213	23.26	0.212	23.31	0.214



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	25.07	0.321	25.03	0.318	25.12	0.325
1.4	QPSK	1	3	25.07	0.321	25.07	0.321	24.94	0.312
1.4	QPSK	1	5	24.92	0.310	25.01	0.317	25.03	0.318
1.4	QPSK	3	0	24.38	0.274	24.25	0.266	24.10	0.257
1.4	QPSK	3	1	24.14	0.259	24.30	0.269	24.29	0.269
1.4	QPSK	3	3	24.13	0.259	24.26	0.267	24.26	0.267
1.4	QPSK	6	0	24.21	0.264	24.26	0.267	24.27	0.267
1.4	16QAM	1	0	24.48	0.281	24.37	0.274	24.28	0.268
1.4	16QAM	1	3	24.51	0.282	24.55	0.285	24.27	0.267
1.4	16QAM	1	5	24.30	0.269	24.35	0.272	24.47	0.280
1.4	16QAM	3	0	23.31	0.214	23.26	0.212	23.37	0.217
1.4	16QAM	3	1	23.05	0.202	23.22	0.210	23.13	0.206
1.4	16QAM	3	3	23.11	0.205	23.09	0.204	23.20	0.209
1.4	16QAM	6	0	23.06	0.202	22.91	0.195	23.23	0.210
1.4	64QAM	1	0	24.39	0.275	24.42	0.277	24.13	0.259
1.4	64QAM	1	3	24.12	0.258	24.11	0.258	24.05	0.254
1.4	64QAM	1	5	24.22	0.264	24.37	0.274	23.99	0.251
1.4	64QAM	3	0	23.22	0.210	23.43	0.220	23.31	0.214
1.4	64QAM	3	1	23.25	0.211	23.23	0.210	23.03	0.201
1.4	64QAM	3	3	23.19	0.208	23.33	0.215	23.30	0.214
1.4	64QAM	6	0	23.08	0.203	23.16	0.207	23.22	0.210



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	18.84	0.077	18.87	0.077	18.79	0.076
20	QPSK	1	49	18.70	0.074	18.81	0.076	18.56	0.072
20	QPSK	1	99	18.67	0.074	18.59	0.072	18.69	0.074
20	QPSK	50	0	17.94	0.062	17.98	0.063	17.93	0.062
20	QPSK	50	24	17.70	0.059	17.86	0.061	17.76	0.060
20	QPSK	50	50	17.94	0.062	17.72	0.059	17.87	0.061
20	QPSK	100	0	17.84	0.061	18.01	0.063	17.73	0.059
20	16QAM	1	0	17.92	0.062	18.14	0.065	17.89	0.062
20	16QAM	1	49	17.98	0.063	18.15	0.065	17.94	0.062
20	16QAM	1	99	18.11	0.065	18.02	0.063	17.97	0.063
20	16QAM	50	0	17.02	0.050	16.92	0.049	16.80	0.048
20	16QAM	50	24	16.81	0.048	16.94	0.049	16.83	0.048
20	16QAM	50	50	16.75	0.047	16.90	0.049	16.71	0.047
20	16QAM	100	0	16.91	0.049	16.80	0.048	16.72	0.047
20	64QAM	1	0	18.03	0.064	17.98	0.063	17.73	0.059
20	64QAM	1	49	17.92	0.062	17.94	0.062	17.75	0.060
20	64QAM	1	99	17.69	0.059	17.98	0.063	17.63	0.058
20	64QAM	50	0	16.87	0.049	16.86	0.049	16.81	0.048
20	64QAM	50	24	16.86	0.049	16.95	0.050	16.74	0.047
20	64QAM	50	50	16.83	0.048	16.94	0.049	16.65	0.046
20	64QAM	100	0	16.64	0.046	16.80	0.048	16.70	0.047



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	18.81	0.076	18.84	0.077	18.77	0.075
15	QPSK	1	37	18.57	0.072	18.70	0.074	18.65	0.073
15	QPSK	1	74	18.68	0.074	18.78	0.076	18.49	0.071
15	QPSK	36	0	17.75	0.060	17.79	0.060	17.88	0.061
15	QPSK	36	20	17.87	0.061	17.78	0.060	17.62	0.058
15	QPSK	36	39	17.72	0.059	17.68	0.059	17.74	0.059
15	QPSK	75	0	17.81	0.060	17.73	0.059	17.87	0.061
15	16QAM	1	0	18.26	0.067	18.29	0.067	18.11	0.065
15	16QAM	1	37	18.08	0.064	18.05	0.064	17.88	0.061
15	16QAM	1	74	18.00	0.063	17.99	0.063	18.05	0.064
15	16QAM	36	0	16.87	0.049	16.88	0.049	16.86	0.049
15	16QAM	36	20	16.59	0.046	17.00	0.050	16.60	0.046
15	16QAM	36	39	16.80	0.048	16.75	0.047	16.82	0.048
15	16QAM	75	0	16.70	0.047	16.66	0.046	16.75	0.047
15	64QAM	1	0	17.84	0.061	17.90	0.062	17.96	0.063
15	64QAM	1	37	17.70	0.059	17.80	0.060	17.83	0.061
15	64QAM	1	74	17.86	0.061	17.88	0.061	17.69	0.059
15	64QAM	36	0	16.76	0.047	17.03	0.050	16.80	0.048
15	64QAM	36	20	16.70	0.047	16.76	0.047	16.78	0.048
15	64QAM	36	39	16.86	0.049	16.98	0.050	16.81	0.048
15	64QAM	75	0	16.92	0.049	16.71	0.047	16.59	0.046



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	18.73	0.075	18.82	0.076	18.71	0.074
10	QPSK	1	25	18.66	0.073	18.60	0.072	18.65	0.073
10	QPSK	1	49	18.56	0.072	18.65	0.073	18.67	0.074
10	QPSK	25	0	17.80	0.060	17.94	0.062	17.99	0.063
10	QPSK	25	12	17.60	0.058	17.94	0.062	17.86	0.061
10	QPSK	25	25	17.85	0.061	17.76	0.060	17.80	0.060
10	QPSK	50	0	17.78	0.060	17.89	0.062	17.68	0.059
10	16QAM	1	0	18.23	0.067	18.24	0.067	17.89	0.062
10	16QAM	1	25	18.08	0.064	18.15	0.065	17.85	0.061
10	16QAM	1	49	17.91	0.062	18.00	0.063	17.93	0.062
10	16QAM	25	0	16.97	0.050	17.01	0.050	16.81	0.048
10	16QAM	25	12	16.66	0.046	16.79	0.048	16.76	0.047
10	16QAM	25	25	16.75	0.047	16.76	0.047	16.64	0.046
10	16QAM	50	0	16.66	0.046	16.69	0.047	16.77	0.048
10	64QAM	1	0	17.79	0.060	18.04	0.064	17.76	0.060
10	64QAM	1	25	17.87	0.061	17.99	0.063	17.72	0.059
10	64QAM	1	49	17.61	0.058	18.00	0.063	17.66	0.058
10	64QAM	25	0	17.00	0.050	16.80	0.048	16.79	0.048
10	64QAM	25	12	16.66	0.046	16.92	0.049	16.73	0.047
10	64QAM	25	25	16.80	0.048	16.67	0.046	16.63	0.046
10	64QAM	50	0	16.85	0.048	16.88	0.049	16.80	0.048



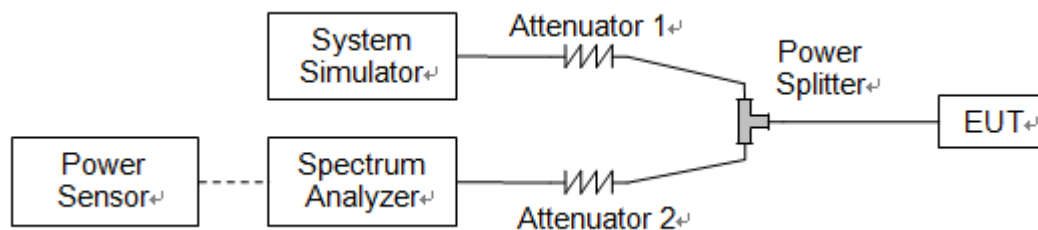
LTE Band 71				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				133147		133297		133447	
Frequency (MHz)				665.5		680.5		695.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	18.70	0.074	18.81	0.076	18.72	0.074
5	QPSK	1	12	18.52	0.071	18.59	0.072	18.56	0.072
5	QPSK	1	24	18.60	0.072	18.69	0.074	18.58	0.072
5	QPSK	12	0	17.87	0.061	17.88	0.061	17.66	0.058
5	QPSK	12	7	17.81	0.060	17.78	0.060	17.62	0.058
5	QPSK	12	13	17.73	0.059	17.63	0.058	17.74	0.059
5	QPSK	25	0	18.00	0.063	18.01	0.063	17.66	0.058
5	16QAM	1	0	17.93	0.062	18.26	0.067	17.96	0.063
5	16QAM	1	12	18.04	0.064	17.98	0.063	17.87	0.061
5	16QAM	1	24	18.15	0.065	17.96	0.063	17.82	0.061
5	16QAM	12	0	16.74	0.047	16.75	0.047	16.78	0.048
5	16QAM	12	7	16.79	0.048	16.96	0.050	16.76	0.047
5	16QAM	12	13	16.71	0.047	16.71	0.047	16.65	0.046
5	16QAM	25	0	16.66	0.046	16.91	0.049	16.68	0.047
5	64QAM	1	0	17.81	0.060	18.06	0.064	17.96	0.063
5	64QAM	1	12	17.85	0.061	17.77	0.060	17.72	0.059
5	64QAM	1	24	17.74	0.059	17.91	0.062	17.73	0.059
5	64QAM	12	0	16.99	0.050	16.75	0.047	16.83	0.048
5	64QAM	12	7	16.62	0.046	16.94	0.049	16.68	0.047
5	64QAM	12	13	16.79	0.048	16.96	0.050	16.65	0.046
5	64QAM	25	0	16.85	0.048	16.96	0.050	16.84	0.048

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	1.1037	1.3272	PASS
B2	1.4	Low	18607	1850.7	16QAM	1.1025	1.3685	PASS
B2	1.4	Low	18607	1850.7	64QAM	1.1058	1.3744	PASS
B2	1.4	Mid	18900	1880	QPSK	1.1008	1.3469	PASS
B2	1.4	Mid	18900	1880	16QAM	1.1034	1.3861	PASS
B2	1.4	Mid	18900	1880	64QAM	1.1030	1.3591	PASS
B2	1.4	High	19193	1909.3	QPSK	1.1070	1.3836	PASS
B2	1.4	High	19193	1909.3	16QAM	1.1105	1.3843	PASS
B2	1.4	High	19193	1909.3	64QAM	1.1071	1.3749	PASS
B2	3	Low	18615	1851.5	QPSK	2.7115	3.0405	PASS
B2	3	Low	18615	1851.5	16QAM	2.7177	3.0740	PASS
B2	3	Low	18615	1851.5	64QAM	2.7179	3.0756	PASS
B2	3	Mid	18900	1880	QPSK	2.7160	3.0719	PASS
B2	3	Mid	18900	1880	16QAM	2.7138	3.0891	PASS
B2	3	Mid	18900	1880	64QAM	2.7101	3.0286	PASS
B2	3	High	19185	1908.5	QPSK	2.7064	3.0818	PASS
B2	3	High	19185	1908.5	16QAM	2.7135	3.0725	PASS
B2	3	High	19185	1908.5	64QAM	2.7121	3.0316	PASS
B2	5	Low	18625	1852.5	QPSK	4.4860	5.0027	PASS
B2	5	Low	18625	1852.5	16QAM	4.4846	4.9829	PASS
B2	5	Low	18625	1852.5	64QAM	4.4796	5.0097	PASS
B2	5	Mid	18900	1880	QPSK	4.4858	4.9393	PASS
B2	5	Mid	18900	1880	16QAM	4.4780	4.9103	PASS
B2	5	Mid	18900	1880	64QAM	4.4852	5.0011	PASS
B2	5	High	19175	1907.5	QPSK	4.4846	5.0209	PASS
B2	5	High	19175	1907.5	16QAM	4.4909	4.9787	PASS
B2	5	High	19175	1907.5	64QAM	4.4790	4.9451	PASS
B2	10	Low	18650	1855	QPSK	8.9580	9.8183	PASS
B2	10	Low	18650	1855	16QAM	8.9744	9.8252	PASS
B2	10	Low	18650	1855	64QAM	8.9538	9.8082	PASS
B2	10	Mid	18900	1880	QPSK	8.9669	9.8898	PASS
B2	10	Mid	18900	1880	16QAM	8.9592	9.7440	PASS
B2	10	Mid	18900	1880	64QAM	8.9662	9.9308	PASS



REPORT No.: SZ24090048W08

B2	10	High	19150	1905	QPSK	8.9595	9.7177	PASS
B2	10	High	19150	1905	16QAM	8.9551	9.8369	PASS
B2	10	High	19150	1905	64QAM	8.9671	9.7448	PASS
B2	15	Low	18675	1857.5	QPSK	13.447	14.639	PASS
B2	15	Low	18675	1857.5	16QAM	13.434	14.723	PASS
B2	15	Low	18675	1857.5	64QAM	13.458	14.589	PASS
B2	15	Mid	18900	1880	QPSK	13.435	14.616	PASS
B2	15	Mid	18900	1880	16QAM	13.423	14.760	PASS
B2	15	Mid	18900	1880	64QAM	13.438	14.739	PASS
B2	15	High	19125	1902.5	QPSK	13.420	14.671	PASS
B2	15	High	19125	1902.5	16QAM	13.420	14.695	PASS
B2	15	High	19125	1902.5	64QAM	13.416	14.611	PASS
B2	20	Low	18700	1860	QPSK	17.941	19.339	PASS
B2	20	Low	18700	1860	16QAM	17.959	19.386	PASS
B2	20	Low	18700	1860	64QAM	17.905	19.327	PASS
B2	20	Mid	18900	1880	QPSK	17.917	19.400	PASS
B2	20	Mid	18900	1880	16QAM	17.919	19.500	PASS
B2	20	Mid	18900	1880	64QAM	17.913	19.401	PASS
B2	20	High	19100	1900	QPSK	17.897	19.397	PASS
B2	20	High	19100	1900	16QAM	17.907	19.365	PASS
B2	20	High	19100	1900	64QAM	17.869	19.349	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	1.1062	1.3618	PASS
B4	1.4	Low	19957	1710.7	16QAM	1.1060	1.3616	PASS
B4	1.4	Low	19957	1710.7	64QAM	1.1054	1.3535	PASS
B4	1.4	Mid	20175	1732.5	QPSK	1.1011	1.3595	PASS
B4	1.4	Mid	20175	1732.5	16QAM	1.1087	1.3815	PASS
B4	1.4	Mid	20175	1732.5	64QAM	1.1039	1.3672	PASS
B4	1.4	High	20393	1754.3	QPSK	1.1010	1.3502	PASS
B4	1.4	High	20393	1754.3	16QAM	1.1032	1.3441	PASS
B4	1.4	High	20393	1754.3	64QAM	1.1026	1.3674	PASS
B4	3	Low	19965	1711.5	QPSK	2.7208	3.0366	PASS
B4	3	Low	19965	1711.5	16QAM	2.7166	3.0686	PASS
B4	3	Low	19965	1711.5	64QAM	2.7113	3.0628	PASS
B4	3	Mid	20175	1732.5	QPSK	2.7087	3.0633	PASS
B4	3	Mid	20175	1732.5	16QAM	2.7172	3.0178	PASS
B4	3	Mid	20175	1732.5	64QAM	2.7272	3.0608	PASS
B4	3	High	20385	1753.5	QPSK	2.7134	3.0671	PASS
B4	3	High	20385	1753.5	16QAM	2.7129	3.0381	PASS
B4	3	High	20385	1753.5	64QAM	2.7119	3.0348	PASS
B4	5	Low	19975	1712.5	QPSK	4.4920	4.9741	PASS
B4	5	Low	19975	1712.5	16QAM	4.4833	4.9998	PASS
B4	5	Low	19975	1712.5	64QAM	4.4802	5.0137	PASS
B4	5	Mid	20175	1732.5	QPSK	4.4886	5.0423	PASS
B4	5	Mid	20175	1732.5	16QAM	4.4843	4.9511	PASS
B4	5	Mid	20175	1732.5	64QAM	4.4795	5.0093	PASS
B4	5	High	20375	1752.5	QPSK	4.4897	5.0765	PASS
B4	5	High	20375	1752.5	16QAM	4.4782	5.0511	PASS
B4	5	High	20375	1752.5	64QAM	4.4843	5.0100	PASS
B4	10	Low	20000	1715	QPSK	8.9564	9.9215	PASS
B4	10	Low	20000	1715	16QAM	8.9398	9.8606	PASS
B4	10	Low	20000	1715	64QAM	8.9645	9.8171	PASS
B4	10	Mid	20175	1732.5	QPSK	8.9564	9.8324	PASS
B4	10	Mid	20175	1732.5	16QAM	8.9510	9.8196	PASS
B4	10	Mid	20175	1732.5	64QAM	8.9720	9.8044	PASS
B4	10	High	20350	1750	QPSK	8.9694	9.7539	PASS
B4	10	High	20350	1750	16QAM	8.9698	9.7737	PASS



REPORT No.: SZ24090048W08

B4	10	High	20350	1750	64QAM	8.9664	9.9012	PASS
B4	15	Low	20025	1717.5	QPSK	13.427	14.612	PASS
B4	15	Low	20025	1717.5	16QAM	13.434	14.594	PASS
B4	15	Low	20025	1717.5	64QAM	13.420	14.670	PASS
B4	15	Mid	20175	1732.5	QPSK	13.418	14.671	PASS
B4	15	Mid	20175	1732.5	16QAM	13.419	14.552	PASS
B4	15	Mid	20175	1732.5	64QAM	13.435	14.481	PASS
B4	15	High	20325	1747.5	QPSK	13.438	14.674	PASS
B4	15	High	20325	1747.5	16QAM	13.401	14.615	PASS
B4	15	High	20325	1747.5	64QAM	13.453	14.694	PASS
B4	20	Low	20050	1720	QPSK	17.873	19.253	PASS
B4	20	Low	20050	1720	16QAM	17.892	19.303	PASS
B4	20	Low	20050	1720	64QAM	17.907	19.342	PASS
B4	20	Mid	20175	1732.5	QPSK	17.886	19.294	PASS
B4	20	Mid	20175	1732.5	16QAM	17.875	19.300	PASS
B4	20	Mid	20175	1732.5	64QAM	17.880	19.226	PASS
B4	20	High	20300	1745	QPSK	17.919	19.304	PASS
B4	20	High	20300	1745	16QAM	17.930	19.517	PASS
B4	20	High	20300	1745	64QAM	17.934	19.380	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	1.0996	1.3164	PASS
B5	1.4	Low	20407	824.7	16QAM	1.1084	1.3427	PASS
B5	1.4	Low	20407	824.7	64QAM	1.1015	1.3490	PASS
B5	1.4	Mid	20525	836.5	QPSK	1.1016	1.3565	PASS
B5	1.4	Mid	20525	836.5	16QAM	1.1091	1.3849	PASS
B5	1.4	Mid	20525	836.5	64QAM	1.1046	1.3357	PASS
B5	1.4	High	20643	848.3	QPSK	1.1025	1.3481	PASS
B5	1.4	High	20643	848.3	16QAM	1.1034	1.3501	PASS
B5	1.4	High	20643	848.3	64QAM	1.1036	1.3337	PASS
B5	3	Low	20415	825.5	QPSK	2.7149	3.0733	PASS
B5	3	Low	20415	825.5	16QAM	2.7079	3.0559	PASS
B5	3	Low	20415	825.5	64QAM	2.7158	3.0823	PASS
B5	3	Mid	20525	836.5	QPSK	2.7152	3.0819	PASS
B5	3	Mid	20525	836.5	16QAM	2.7225	3.0376	PASS
B5	3	Mid	20525	836.5	64QAM	2.7207	3.0754	PASS
B5	3	High	20635	847.5	QPSK	2.7110	3.0699	PASS
B5	3	High	20635	847.5	16QAM	2.7114	3.0363	PASS
B5	3	High	20635	847.5	64QAM	2.7230	3.0779	PASS
B5	5	Low	20425	826.5	QPSK	4.4795	5.0399	PASS
B5	5	Low	20425	826.5	16QAM	4.4778	4.9414	PASS
B5	5	Low	20425	826.5	64QAM	4.4798	4.9908	PASS
B5	5	Mid	20525	836.5	QPSK	4.4801	4.9838	PASS
B5	5	Mid	20525	836.5	16QAM	4.4905	4.9874	PASS
B5	5	Mid	20525	836.5	64QAM	4.4785	4.9909	PASS
B5	5	High	20625	846.5	QPSK	4.4834	5.0743	PASS
B5	5	High	20625	846.5	16QAM	4.4790	4.9743	PASS
B5	5	High	20625	846.5	64QAM	4.4787	4.9875	PASS
B5	10	Low	20450	829	QPSK	8.9460	9.7993	PASS
B5	10	Low	20450	829	16QAM	8.9555	9.7639	PASS
B5	10	Low	20450	829	64QAM	8.9618	9.8651	PASS
B5	10	Mid	20525	836.5	QPSK	8.9468	9.8498	PASS
B5	10	Mid	20525	836.5	16QAM	8.9527	9.8636	PASS
B5	10	Mid	20525	836.5	64QAM	8.9532	9.8347	PASS
B5	10	High	20600	844	QPSK	8.9635	9.7737	PASS
B5	10	High	20600	844	16QAM	8.9523	9.7571	PASS



REPORT No.: SZ24090048W08

B5	10	High	20600	844	64QAM	8.9525	9.7539	PASS
----	----	------	-------	-----	-------	--------	--------	------

LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B7	5	Low	20775	2502.5	QPSK	4.4872	4.9587	PASS
B7	5	Low	20775	2502.5	16QAM	4.4807	4.9256	PASS
B7	5	Low	20775	2502.5	64QAM	4.4879	5.0615	PASS
B7	5	Mid	21100	2535	QPSK	4.4817	4.9542	PASS
B7	5	Mid	21100	2535	16QAM	4.4801	5.0055	PASS
B7	5	Mid	21100	2535	64QAM	4.4775	4.9586	PASS
B7	5	High	21425	2567.5	QPSK	4.4864	4.9846	PASS
B7	5	High	21425	2567.5	16QAM	4.4768	4.9430	PASS
B7	5	High	21425	2567.5	64QAM	4.4757	5.0379	PASS
B7	10	Low	20800	2505	QPSK	8.9688	9.7437	PASS
B7	10	Low	20800	2505	16QAM	8.9704	9.8262	PASS
B7	10	Low	20800	2505	64QAM	8.9723	9.8155	PASS
B7	10	Mid	21100	2535	QPSK	8.9660	9.7710	PASS
B7	10	Mid	21100	2535	16QAM	8.9717	9.8990	PASS
B7	10	Mid	21100	2535	64QAM	8.9551	9.9198	PASS
B7	10	High	21400	2565	QPSK	8.9452	9.9045	PASS
B7	10	High	21400	2565	16QAM	8.9571	9.7672	PASS
B7	10	High	21400	2565	64QAM	8.9717	9.7642	PASS
B7	15	Low	20825	2507.5	QPSK	13.427	14.630	PASS
B7	15	Low	20825	2507.5	16QAM	13.412	14.732	PASS
B7	15	Low	20825	2507.5	64QAM	13.416	14.603	PASS
B7	15	Mid	21100	2535	QPSK	13.424	14.671	PASS
B7	15	Mid	21100	2535	16QAM	13.434	14.679	PASS
B7	15	Mid	21100	2535	64QAM	13.431	14.731	PASS
B7	15	High	21375	2562.5	QPSK	13.422	14.515	PASS
B7	15	High	21375	2562.5	16QAM	13.401	14.476	PASS
B7	15	High	21375	2562.5	64QAM	13.402	14.571	PASS
B7	20	Low	20850	2510	QPSK	17.942	19.562	PASS
B7	20	Low	20850	2510	16QAM	17.892	19.420	PASS
B7	20	Low	20850	2510	64QAM	17.947	19.400	PASS
B7	20	Mid	21100	2535	QPSK	17.891	19.401	PASS
B7	20	Mid	21100	2535	16QAM	17.944	19.460	PASS
B7	20	Mid	21100	2535	64QAM	17.976	19.284	PASS



REPORT No.: SZ24090048W08

B7	20	High	21350	2560	QPSK	17.886	19.384	PASS
B7	20	High	21350	2560	16QAM	17.879	19.354	PASS
B7	20	High	21350	2560	64QAM	17.888	19.224	PASS



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	1.1028	1.3451	PASS
B12	1.4	Low	23017	699.7	16QAM	1.1043	1.3637	PASS
B12	1.4	Low	23017	699.7	64QAM	1.1033	1.3420	PASS
B12	1.4	Mid	23095	707.5	QPSK	1.1041	1.3463	PASS
B12	1.4	Mid	23095	707.5	16QAM	1.1018	1.3717	PASS
B12	1.4	Mid	23095	707.5	64QAM	1.1074	1.3471	PASS
B12	1.4	High	23173	715.3	QPSK	1.1045	1.3482	PASS
B12	1.4	High	23173	715.3	16QAM	1.1119	1.3797	PASS
B12	1.4	High	23173	715.3	64QAM	1.1061	1.3446	PASS
B12	3	Low	23025	700.5	QPSK	2.7149	3.0894	PASS
B12	3	Low	23025	700.5	16QAM	2.7238	3.0676	PASS
B12	3	Low	23025	700.5	64QAM	2.7110	3.0654	PASS
B12	3	Mid	23095	707.5	QPSK	2.7104	3.0425	PASS
B12	3	Mid	23095	707.5	16QAM	2.7136	3.0722	PASS
B12	3	Mid	23095	707.5	64QAM	2.7146	3.0392	PASS
B12	3	High	23165	714.5	QPSK	2.7097	3.0691	PASS
B12	3	High	23165	714.5	16QAM	2.7131	3.0599	PASS
B12	3	High	23165	714.5	64QAM	2.7102	3.0480	PASS
B12	5	Low	23035	701.5	QPSK	4.4798	4.9877	PASS
B12	5	Low	23035	701.5	16QAM	4.4771	5.0113	PASS
B12	5	Low	23035	701.5	64QAM	4.4744	4.9550	PASS
B12	5	Mid	23095	707.5	QPSK	4.4909	5.0050	PASS
B12	5	Mid	23095	707.5	16QAM	4.4821	5.0585	PASS
B12	5	Mid	23095	707.5	64QAM	4.4794	5.0288	PASS
B12	5	High	23155	713.5	QPSK	4.4949	5.0564	PASS
B12	5	High	23155	713.5	16QAM	4.4749	4.9216	PASS
B12	5	High	23155	713.5	64QAM	4.4837	4.8663	PASS
B12	10	Low	23060	704	QPSK	8.9387	9.8910	PASS
B12	10	Low	23060	704	16QAM	8.9369	9.7906	PASS
B12	10	Low	23060	704	64QAM	8.9488	9.7787	PASS
B12	10	Mid	23095	707.5	QPSK	8.9523	9.8388	PASS
B12	10	Mid	23095	707.5	16QAM	8.9554	9.8018	PASS
B12	10	Mid	23095	707.5	64QAM	8.9777	9.7756	PASS
B12	10	High	23130	711	QPSK	8.9420	9.6729	PASS
B12	10	High	23130	711	16QAM	8.9386	9.8029	PASS



REPORT No.: SZ24090048W08

B12	10	High	23130	711	64QAM	8.9480	9.8916	PASS
-----	----	------	-------	-----	-------	--------	--------	------

LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B13	5	Low	23205	779.5	QPSK	4.4807	4.9445	PASS
B13	5	Low	23205	779.5	16QAM	4.4787	4.9323	PASS
B13	5	Low	23205	779.5	64QAM	4.4756	5.0107	PASS
B13	5	Mid	23230	782	QPSK	4.4800	4.9876	PASS
B13	5	Mid	23230	782	16QAM	4.4722	4.9738	PASS
B13	5	Mid	23230	782	64QAM	4.4755	4.9443	PASS
B13	5	High	23255	784.5	QPSK	4.4847	5.0325	PASS
B13	5	High	23255	784.5	16QAM	4.4798	4.9714	PASS
B13	5	High	23255	784.5	64QAM	4.4769	5.0554	PASS
B13	10	Mid	23230	782	QPSK	8.9534	9.7010	PASS
B13	10	Mid	23230	782	16QAM	8.9414	9.7899	PASS
B13	10	Mid	23230	782	64QAM	8.9555	9.7520	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	4.4837	4.9714	PASS
B17	5	Low	23755	706.5	16QAM	4.4843	4.9060	PASS
B17	5	Low	23755	706.5	64QAM	4.4908	5.0100	PASS
B17	5	Mid	23790	710	QPSK	4.4844	4.9195	PASS
B17	5	Mid	23790	710	16QAM	4.4888	4.9813	PASS
B17	5	Mid	23790	710	64QAM	4.4977	5.0252	PASS
B17	5	High	23825	713.5	QPSK	4.4904	4.9592	PASS
B17	5	High	23825	713.5	16QAM	4.4763	5.0490	PASS
B17	5	High	23825	713.5	64QAM	4.4866	4.9681	PASS
B17	10	Low	23780	709	QPSK	8.9353	9.8321	PASS
B17	10	Low	23780	709	16QAM	8.9700	9.8373	PASS
B17	10	Low	23780	709	64QAM	8.9402	9.7799	PASS
B17	10	Mid	23790	710	QPSK	8.9598	9.8118	PASS
B17	10	Mid	23790	710	16QAM	8.9535	9.8262	PASS
B17	10	Mid	23790	710	64QAM	8.9515	9.7664	PASS
B17	10	High	23800	711	QPSK	8.9765	9.7281	PASS
B17	10	High	23800	711	16QAM	8.9542	9.7952	PASS
B17	10	High	23800	711	64QAM	8.9460	9.8791	PASS



REPORT No.: SZ24090048W08

LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B18	5	Low	23965	826.5	QPSK	4.4863	4.9095	PASS
B18	5	Low	23965	826.5	16QAM	4.4866	5.0691	PASS
B18	5	Low	23965	826.5	64QAM	4.4836	4.9965	PASS
B18	5	Mid	23970	827	QPSK	4.4799	4.9565	PASS
B18	5	Mid	23970	827	16QAM	4.4903	5.0047	PASS
B18	5	Mid	23970	827	64QAM	4.4734	5.0684	PASS
B18	5	High	23975	827.5	QPSK	4.4959	4.9891	PASS
B18	5	High	23975	827.5	16QAM	4.4877	4.9908	PASS
B18	5	High	23975	827.5	64QAM	4.4921	5.0124	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	4.4864	5.0388	PASS
B19	5	Low	24025	832.5	16QAM	4.4810	4.9661	PASS
B19	5	Low	24025	832.5	64QAM	4.4695	4.9602	PASS
B19	5	Mid	24075	837.5	QPSK	4.4861	5.0153	PASS
B19	5	Mid	24075	837.5	16QAM	4.4850	4.9564	PASS
B19	5	Mid	24075	837.5	64QAM	4.4832	5.0346	PASS
B19	5	High	24125	842.5	QPSK	4.4805	5.0324	PASS
B19	5	High	24125	842.5	16QAM	4.4824	5.0303	PASS
B19	5	High	24125	842.5	64QAM	4.4822	5.0046	PASS
B19	10	Low	24050	835	QPSK	8.9524	9.8554	PASS
B19	10	Low	24050	835	16QAM	8.9444	9.8983	PASS
B19	10	Low	24050	835	64QAM	8.9457	9.8431	PASS
B19	10	Mid	24075	837.5	QPSK	8.9593	9.8721	PASS
B19	10	Mid	24075	837.5	16QAM	8.9603	9.8267	PASS
B19	10	Mid	24075	837.5	64QAM	8.9598	9.8939	PASS
B19	10	High	24100	840	QPSK	8.9462	9.9147	PASS
B19	10	High	24100	840	16QAM	8.9593	9.8664	PASS
B19	10	High	24100	840	64QAM	8.9740	9.8809	PASS
B19	15	Low	24075	837.5	QPSK	13.446	14.581	PASS
B19	15	Low	24075	837.5	16QAM	13.406	14.603	PASS
B19	15	Low	24075	837.5	64QAM	13.430	14.562	PASS
B19	15	Mid	24075	837.5	QPSK	13.426	14.684	PASS
B19	15	Mid	24075	837.5	16QAM	13.423	14.518	PASS
B19	15	Mid	24075	837.5	64QAM	13.436	14.566	PASS
B19	15	High	24075	837.5	QPSK	13.410	14.470	PASS
B19	15	High	24075	837.5	16QAM	13.414	14.624	PASS
B19	15	High	24075	837.5	64QAM	13.454	14.417	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	1.1036	1.3846	PASS
B25	1.4	Low	26047	1850.7	16QAM	1.1105	1.3940	PASS
B25	1.4	Low	26047	1850.7	64QAM	1.1005	1.3615	PASS
B25	1.4	Mid	26365	1882.5	QPSK	1.1007	1.3475	PASS
B25	1.4	Mid	26365	1882.5	16QAM	1.1150	1.3580	PASS
B25	1.4	Mid	26365	1882.5	64QAM	1.1064	1.3789	PASS
B25	1.4	High	26683	1914.3	QPSK	1.1050	1.3250	PASS
B25	1.4	High	26683	1914.3	16QAM	1.1112	1.3610	PASS
B25	1.4	High	26683	1914.3	64QAM	1.1008	1.3705	PASS
B25	3	Low	26055	1851.5	QPSK	2.7193	3.0327	PASS
B25	3	Low	26055	1851.5	16QAM	2.7200	3.0718	PASS
B25	3	Low	26055	1851.5	64QAM	2.7068	3.0523	PASS
B25	3	Mid	26365	1882.5	QPSK	2.7085	3.0570	PASS
B25	3	Mid	26365	1882.5	16QAM	2.7096	3.0334	PASS
B25	3	Mid	26365	1882.5	64QAM	2.7177	3.0670	PASS
B25	3	High	26675	1913.5	QPSK	2.7185	3.0882	PASS
B25	3	High	26675	1913.5	16QAM	2.7082	3.0917	PASS
B25	3	High	26675	1913.5	64QAM	2.7145	3.0463	PASS
B25	5	Low	26065	1852.5	QPSK	4.4839	4.9791	PASS
B25	5	Low	26065	1852.5	16QAM	4.4844	4.9752	PASS
B25	5	Low	26065	1852.5	64QAM	4.4867	5.0024	PASS
B25	5	Mid	26365	1882.5	QPSK	4.4744	5.0569	PASS
B25	5	Mid	26365	1882.5	16QAM	4.4818	5.0380	PASS
B25	5	Mid	26365	1882.5	64QAM	4.4759	4.9810	PASS
B25	5	High	26665	1912.5	QPSK	4.4786	4.9976	PASS
B25	5	High	26665	1912.5	16QAM	4.4903	5.0196	PASS
B25	5	High	26665	1912.5	64QAM	4.4853	5.0263	PASS
B25	10	Low	26090	1855	QPSK	8.9656	9.8956	PASS
B25	10	Low	26090	1855	16QAM	8.9753	9.9211	PASS
B25	10	Low	26090	1855	64QAM	8.9654	9.8493	PASS
B25	10	Mid	26365	1882.5	QPSK	8.9495	9.8802	PASS
B25	10	Mid	26365	1882.5	16QAM	8.9654	9.8443	PASS
B25	10	Mid	26365	1882.5	64QAM	8.9605	9.8800	PASS
B25	10	High	26640	1910	QPSK	8.9669	9.8240	PASS
B25	10	High	26640	1910	16QAM	8.9766	9.8486	PASS



REPORT No.: SZ24090048W08

B25	10	High	26640	1910	64QAM	8.9461	9.8878	PASS
B25	15	Low	26115	1857.5	QPSK	13.440	14.668	PASS
B25	15	Low	26115	1857.5	16QAM	13.432	14.672	PASS
B25	15	Low	26115	1857.5	64QAM	13.454	14.751	PASS
B25	15	Mid	26365	1882.5	QPSK	13.408	14.697	PASS
B25	15	Mid	26365	1882.5	16QAM	13.430	14.731	PASS
B25	15	Mid	26365	1882.5	64QAM	13.438	14.554	PASS
B25	15	High	26615	1907.5	QPSK	13.419	14.595	PASS
B25	15	High	26615	1907.5	16QAM	13.436	14.543	PASS
B25	15	High	26615	1907.5	64QAM	13.410	14.478	PASS
B25	20	Low	26140	1860	QPSK	17.946	19.427	PASS
B25	20	Low	26140	1860	16QAM	17.932	19.501	PASS
B25	20	Low	26140	1860	64QAM	17.985	19.377	PASS
B25	20	Mid	26365	1882.5	QPSK	17.919	19.458	PASS
B25	20	Mid	26365	1882.5	16QAM	17.912	19.283	PASS
B25	20	Mid	26365	1882.5	64QAM	17.933	19.590	PASS
B25	20	High	26590	1905	QPSK	17.894	19.358	PASS
B25	20	High	26590	1905	16QAM	17.887	19.333	PASS
B25	20	High	26590	1905	64QAM	17.855	19.293	PASS



LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B26	1.4	Low	26797	824.7	QPSK	1.1052	1.3434	PASS
B26	1.4	Low	26797	824.7	16QAM	1.1089	1.3755	PASS
B26	1.4	Low	26797	824.7	64QAM	1.1023	1.3364	PASS
B26	1.4	Mid	26915	836.5	QPSK	1.1050	1.3513	PASS
B26	1.4	Mid	26915	836.5	16QAM	1.1085	1.4046	PASS
B26	1.4	Mid	26915	836.5	64QAM	1.1065	1.3368	PASS
B26	1.4	High	27033	848.3	QPSK	1.1008	1.3295	PASS
B26	1.4	High	27033	848.3	16QAM	1.1028	1.3790	PASS
B26	1.4	High	27033	848.3	64QAM	1.1068	1.3730	PASS
B26	3	Low	26805	825.5	QPSK	2.7168	3.0863	PASS
B26	3	Low	26805	825.5	16QAM	2.7131	3.0734	PASS
B26	3	Low	26805	825.5	64QAM	2.7182	3.0518	PASS
B26	3	Mid	26915	836.5	QPSK	2.7179	3.0546	PASS
B26	3	Mid	26915	836.5	16QAM	2.7062	3.0637	PASS
B26	3	Mid	26915	836.5	64QAM	2.7150	3.0600	PASS
B26	3	High	27025	847.5	QPSK	2.7099	3.0757	PASS
B26	3	High	27025	847.5	16QAM	2.7084	3.0678	PASS
B26	3	High	27025	847.5	64QAM	2.7132	3.0760	PASS
B26	5	Low	26815	826.5	QPSK	4.4847	4.9711	PASS
B26	5	Low	26815	826.5	16QAM	4.4748	4.9441	PASS
B26	5	Low	26815	826.5	64QAM	4.4806	5.0151	PASS
B26	5	Mid	26915	836.5	QPSK	4.4768	5.0110	PASS
B26	5	Mid	26915	836.5	16QAM	4.4782	5.0059	PASS
B26	5	Mid	26915	836.5	64QAM	4.4896	5.0244	PASS
B26	5	High	27015	846.5	QPSK	4.4749	5.0185	PASS
B26	5	High	27015	846.5	16QAM	4.4850	5.0223	PASS
B26	5	High	27015	846.5	64QAM	4.4872	4.9872	PASS
B26	10	Low	26840	829	QPSK	8.9597	9.9183	PASS
B26	10	Low	26840	829	16QAM	8.9600	9.8301	PASS
B26	10	Low	26840	829	64QAM	8.9490	9.8206	PASS
B26	10	Mid	26915	836.5	QPSK	8.9403	9.6923	PASS
B26	10	Mid	26915	836.5	16QAM	8.9546	9.8125	PASS
B26	10	Mid	26915	836.5	64QAM	8.9451	9.8172	PASS
B26	10	High	26990	844	QPSK	8.9622	9.7570	PASS
B26	10	High	26990	844	16QAM	8.9599	9.7580	PASS



REPORT No.: SZ24090048W08

B26	10	High	26990	844	64QAM	8.9357	9.8161	PASS
B26	15	Low	26865	831.5	QPSK	13.435	14.649	PASS
B26	15	Low	26865	831.5	16QAM	13.410	14.649	PASS
B26	15	Low	26865	831.5	64QAM	13.433	14.576	PASS
B26	15	Mid	26915	836.5	QPSK	13.412	14.583	PASS
B26	15	Mid	26915	836.5	16QAM	13.425	14.561	PASS
B26	15	Mid	26915	836.5	64QAM	13.438	14.461	PASS
B26	15	High	26965	841.5	QPSK	13.409	14.548	PASS
B26	15	High	26965	841.5	16QAM	13.428	14.525	PASS
B26	15	High	26965	841.5	64QAM	13.419	14.548	PASS



LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B30	5	Low	27685	2307.5	QPSK	4.4783	4.9597	PASS
B30	5	Low	27685	2307.5	16QAM	4.4839	4.9816	PASS
B30	5	Low	27685	2307.5	64QAM	4.4757	4.9924	PASS
B30	5	Mid	27710	2310	QPSK	4.4800	5.0228	PASS
B30	5	Mid	27710	2310	16QAM	4.4763	4.9874	PASS
B30	5	Mid	27710	2310	64QAM	4.4879	4.9760	PASS
B30	5	High	27735	2312.5	QPSK	4.4804	4.9958	PASS
B30	5	High	27735	2312.5	16QAM	4.4881	5.0354	PASS
B30	5	High	27735	2312.5	64QAM	4.4867	5.0152	PASS
B30	10	Mid	27710	2310	QPSK	8.9647	9.8136	PASS
B30	10	Mid	27710	2310	16QAM	8.9611	9.9031	PASS
B30	10	Mid	27710	2310	64QAM	8.9487	9.8493	PASS



LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B38	5	Low	37775	2572.5	QPSK	4.4675	4.9662	PASS
B38	5	Low	37775	2572.5	16QAM	4.4724	4.9773	PASS
B38	5	Low	37775	2572.5	64QAM	4.4838	5.0389	PASS
B38	5	Mid	38000	2595	QPSK	4.4920	5.0366	PASS
B38	5	Mid	38000	2595	16QAM	4.4832	4.9664	PASS
B38	5	Mid	38000	2595	64QAM	4.4820	4.9693	PASS
B38	5	High	38225	2617.5	QPSK	4.4821	4.9656	PASS
B38	5	High	38225	2617.5	16QAM	4.4775	5.2017	PASS
B38	5	High	38225	2617.5	64QAM	4.4788	5.0306	PASS
B38	10	Low	37800	2575	QPSK	8.9466	9.7576	PASS
B38	10	Low	37800	2575	16QAM	8.9396	10.0680	PASS
B38	10	Low	37800	2575	64QAM	8.9490	9.9985	PASS
B38	10	Mid	38000	2595	QPSK	8.9717	9.8442	PASS
B38	10	Mid	38000	2595	16QAM	8.9544	9.8260	PASS
B38	10	Mid	38000	2595	64QAM	8.9704	9.7864	PASS
B38	10	High	38200	2615	QPSK	8.9698	9.8736	PASS
B38	10	High	38200	2615	16QAM	8.9407	10.0501	PASS
B38	10	High	38200	2615	64QAM	8.9549	9.8252	PASS
B38	15	Low	37825	2577.5	QPSK	13.416	14.617	PASS
B38	15	Low	37825	2577.5	16QAM	13.439	15.378	PASS
B38	15	Low	37825	2577.5	64QAM	13.423	14.512	PASS
B38	15	Mid	38000	2595	QPSK	13.420	14.640	PASS
B38	15	Mid	38000	2595	16QAM	13.437	14.628	PASS
B38	15	Mid	38000	2595	64QAM	13.437	14.451	PASS
B38	15	High	38175	2612.5	QPSK	13.424	14.462	PASS
B38	15	High	38175	2612.5	16QAM	13.454	14.514	PASS
B38	15	High	38175	2612.5	64QAM	13.436	15.129	PASS
B38	20	Low	37850	2580	QPSK	17.902	19.381	PASS
B38	20	Low	37850	2580	16QAM	17.908	19.489	PASS
B38	20	Low	37850	2580	64QAM	17.933	19.832	PASS
B38	20	Mid	38000	2595	QPSK	17.882	19.292	PASS
B38	20	Mid	38000	2595	16QAM	17.928	19.314	PASS
B38	20	Mid	38000	2595	64QAM	17.918	19.098	PASS
B38	20	High	38150	2610	QPSK	17.951	20.008	PASS
B38	20	High	38150	2610	16QAM	17.883	19.200	PASS



REPORT No.: SZ24090048W08

B38	20	High	38150	2610	64QAM	17.913	20.199	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	4.4858	4.9391	PASS
B41	5	Low	39675	2498.5	16QAM	4.4886	5.1470	PASS
B41	5	Low	39675	2498.5	64QAM	4.4843	4.9323	PASS
B41	5	Mid	40620	2593	QPSK	4.4771	5.0293	PASS
B41	5	Mid	40620	2593	16QAM	4.4866	4.9183	PASS
B41	5	Mid	40620	2593	64QAM	4.4883	5.0402	PASS
B41	5	High	41565	2687.5	QPSK	4.4873	5.0018	PASS
B41	5	High	41565	2687.5	16QAM	4.4908	4.9824	PASS
B41	5	High	41565	2687.5	64QAM	4.4792	5.1790	PASS
B41	10	Low	39700	2501	QPSK	8.9725	9.6792	PASS
B41	10	Low	39700	2501	16QAM	8.9601	9.7971	PASS
B41	10	Low	39700	2501	64QAM	8.9664	10.2701	PASS
B41	10	Mid	40620	2593	QPSK	8.9547	9.8164	PASS
B41	10	Mid	40620	2593	16QAM	8.9576	9.7549	PASS
B41	10	Mid	40620	2593	64QAM	8.9608	9.6643	PASS
B41	10	High	41540	2685	QPSK	8.9601	9.7187	PASS
B41	10	High	41540	2685	16QAM	8.9604	9.6987	PASS
B41	10	High	41540	2685	64QAM	8.9376	9.7314	PASS
B41	15	Low	39725	2503.5	QPSK	13.421	14.710	PASS
B41	15	Low	39725	2503.5	16QAM	13.463	14.702	PASS
B41	15	Low	39725	2503.5	64QAM	13.440	14.593	PASS
B41	15	Mid	40620	2593	QPSK	13.425	14.536	PASS
B41	15	Mid	40620	2593	16QAM	13.418	14.525	PASS
B41	15	Mid	40620	2593	64QAM	13.403	14.703	PASS
B41	15	High	41515	2682.5	QPSK	13.407	14.748	PASS
B41	15	High	41515	2682.5	16QAM	13.405	14.818	PASS
B41	15	High	41515	2682.5	64QAM	13.430	14.902	PASS
B41	20	Low	39750	2506	QPSK	17.935	19.369	PASS
B41	20	Low	39750	2506	16QAM	17.934	19.408	PASS
B41	20	Low	39750	2506	64QAM	17.904	19.606	PASS
B41	20	Mid	40620	2593	QPSK	17.902	19.240	PASS
B41	20	Mid	40620	2593	16QAM	17.935	19.896	PASS
B41	20	Mid	40620	2593	64QAM	17.904	19.348	PASS



REPORT No.: SZ24090048W08

B41	20	High	41490	2680	QPSK	17.911	19.234	PASS
B41	20	High	41490	2680	16QAM	17.890	19.438	PASS
B41	20	High	41490	2680	64QAM	17.899	19.271	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	1.1032	1.3478	PASS
B66	1.4	Low	131979	1710.7	16QAM	1.1031	1.3241	PASS
B66	1.4	Low	131979	1710.7	64QAM	1.1001	1.3321	PASS
B66	1.4	Mid	132322	1745	QPSK	1.1036	1.3607	PASS
B66	1.4	Mid	132322	1745	16QAM	1.1069	1.3866	PASS
B66	1.4	Mid	132322	1745	64QAM	1.1063	1.3739	PASS
B66	1.4	High	132665	1779.3	QPSK	1.1024	1.3675	PASS
B66	1.4	High	132665	1779.3	16QAM	1.1055	1.3808	PASS
B66	1.4	High	132665	1779.3	64QAM	1.1005	1.3669	PASS
B66	3	Low	131987	1711.5	QPSK	2.7167	3.0693	PASS
B66	3	Low	131987	1711.5	16QAM	2.7215	3.0818	PASS
B66	3	Low	131987	1711.5	64QAM	2.7183	3.0795	PASS
B66	3	Mid	132322	1745	QPSK	2.7253	3.0637	PASS
B66	3	Mid	132322	1745	16QAM	2.7076	3.0593	PASS
B66	3	Mid	132322	1745	64QAM	2.7151	3.0484	PASS
B66	3	High	132657	1778.5	QPSK	2.7129	3.0758	PASS
B66	3	High	132657	1778.5	16QAM	2.7156	3.0791	PASS
B66	3	High	132657	1778.5	64QAM	2.7151	3.0622	PASS
B66	5	Low	131997	1712.5	QPSK	4.4822	4.9757	PASS
B66	5	Low	131997	1712.5	16QAM	4.4811	5.0608	PASS
B66	5	Low	131997	1712.5	64QAM	4.4792	5.0172	PASS
B66	5	Mid	132322	1745	QPSK	4.4854	5.0317	PASS
B66	5	Mid	132322	1745	16QAM	4.4799	5.0591	PASS
B66	5	Mid	132322	1745	64QAM	4.4811	5.0149	PASS
B66	5	High	132647	1777.5	QPSK	4.4863	5.0325	PASS
B66	5	High	132647	1777.5	16QAM	4.4815	5.0316	PASS
B66	5	High	132647	1777.5	64QAM	4.4697	5.0045	PASS
B66	10	Low	132022	1715	QPSK	8.9560	9.9684	PASS
B66	10	Low	132022	1715	16QAM	8.9548	9.8187	PASS
B66	10	Low	132022	1715	64QAM	8.9568	9.6638	PASS
B66	10	Mid	132322	1745	QPSK	8.9745	9.8245	PASS
B66	10	Mid	132322	1745	16QAM	8.9734	9.8799	PASS
B66	10	Mid	132322	1745	64QAM	8.9590	9.7454	PASS
B66	10	High	132622	1775	QPSK	8.9640	9.9209	PASS
B66	10	High	132622	1775	16QAM	8.9639	9.8688	PASS



REPORT No.: SZ24090048W08

B66	10	High	132622	1775	64QAM	8.9728	9.8323	PASS
B66	15	Low	132047	1717.5	QPSK	13.448	14.654	PASS
B66	15	Low	132047	1717.5	16QAM	13.447	14.540	PASS
B66	15	Low	132047	1717.5	64QAM	13.406	14.612	PASS
B66	15	Mid	132322	1745	QPSK	13.433	14.548	PASS
B66	15	Mid	132322	1745	16QAM	13.450	14.566	PASS
B66	15	Mid	132322	1745	64QAM	13.437	14.521	PASS
B66	15	High	132597	1772.5	QPSK	13.452	14.511	PASS
B66	15	High	132597	1772.5	16QAM	13.462	14.678	PASS
B66	15	High	132597	1772.5	64QAM	13.427	14.677	PASS
B66	20	Low	132072	1720	QPSK	17.936	19.446	PASS
B66	20	Low	132072	1720	16QAM	17.920	19.461	PASS
B66	20	Low	132072	1720	64QAM	17.929	19.523	PASS
B66	20	Mid	132322	1745	QPSK	17.924	19.577	PASS
B66	20	Mid	132322	1745	16QAM	17.918	19.279	PASS
B66	20	Mid	132322	1745	64QAM	17.936	19.373	PASS
B66	20	High	132572	1770	QPSK	17.912	19.465	PASS
B66	20	High	132572	1770	16QAM	17.922	19.484	PASS
B66	20	High	132572	1770	64QAM	17.922	19.430	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	4.4731	4.9115	PASS
B71	5	Low	133147	665.5	16QAM	4.4733	4.9932	PASS
B71	5	Low	133147	665.5	64QAM	4.4699	5.0043	PASS
B71	5	Mid	133297	680.5	QPSK	4.4948	4.9947	PASS
B71	5	Mid	133297	680.5	16QAM	4.4937	5.0564	PASS
B71	5	Mid	133297	680.5	64QAM	4.4878	5.0211	PASS
B71	5	High	133447	695.5	QPSK	4.4793	5.0391	PASS
B71	5	High	133447	695.5	16QAM	4.4896	4.9611	PASS
B71	5	High	133447	695.5	64QAM	4.4907	4.9753	PASS
B71	10	Low	133172	668	QPSK	8.9379	9.8031	PASS
B71	10	Low	133172	668	16QAM	8.9360	9.8762	PASS
B71	10	Low	133172	668	64QAM	8.9249	9.7945	PASS
B71	10	Mid	133297	680.5	QPSK	8.9373	9.7758	PASS
B71	10	Mid	133297	680.5	16QAM	8.9346	9.8063	PASS
B71	10	Mid	133297	680.5	64QAM	8.9391	9.7847	PASS
B71	10	High	133422	693	QPSK	8.9668	9.8324	PASS
B71	10	High	133422	693	16QAM	8.9696	9.6992	PASS
B71	10	High	133422	693	64QAM	8.9516	9.8437	PASS
B71	15	Low	133197	670.5	QPSK	13.380	14.688	PASS
B71	15	Low	133197	670.5	16QAM	13.390	14.572	PASS
B71	15	Low	133197	670.5	64QAM	13.397	14.549	PASS
B71	15	Mid	133297	680.5	QPSK	13.411	14.529	PASS
B71	15	Mid	133297	680.5	16QAM	13.443	14.563	PASS
B71	15	Mid	133297	680.5	64QAM	13.397	14.480	PASS
B71	15	High	133397	690.5	QPSK	13.438	14.590	PASS
B71	15	High	133397	690.5	16QAM	13.443	14.653	PASS
B71	15	High	133397	690.5	64QAM	13.434	14.661	PASS
B71	20	Low	133222	673	QPSK	17.831	19.328	PASS
B71	20	Low	133222	673	16QAM	17.857	19.160	PASS
B71	20	Low	133222	673	64QAM	17.849	19.150	PASS
B71	20	Mid	133322	683	QPSK	17.844	19.341	PASS
B71	20	Mid	133322	683	16QAM	17.849	19.470	PASS
B71	20	Mid	133322	683	64QAM	17.856	19.310	PASS
B71	20	High	133372	688	QPSK	17.865	19.161	PASS
B71	20	High	133372	688	16QAM	17.886	19.350	PASS



B71	20	High	133372	688	64QAM	17.861	19.235	PASS
-----	----	------	--------	-----	-------	--------	--------	------









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







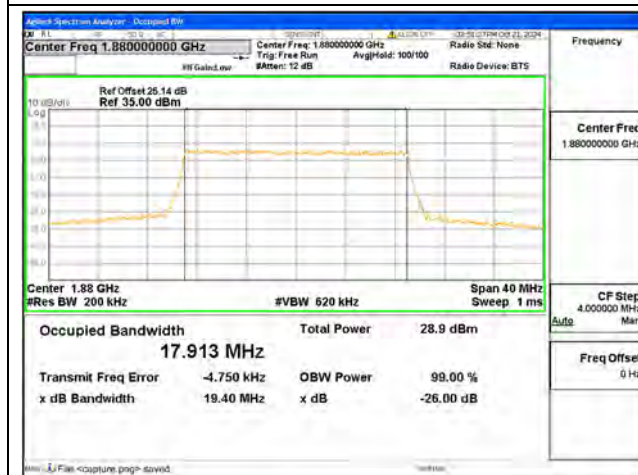




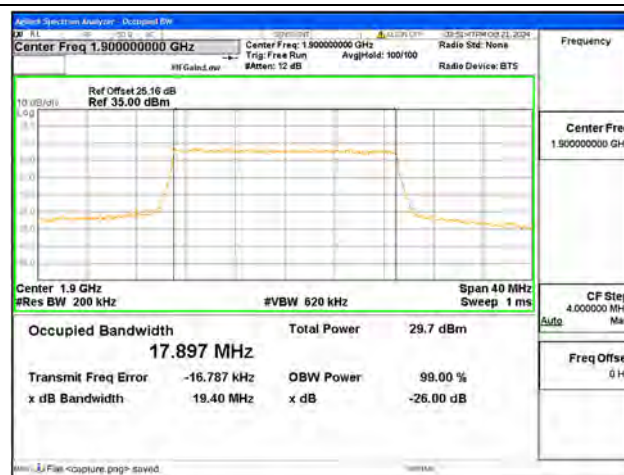
B2 / 20MHz / QPSK/ Mid CH



B2 / 20MHz / 16QAM/ Mid CH



B2 / 20MHz / 64QAM/ Mid CH



B2 / 20MHz / QPSK/ High CH



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





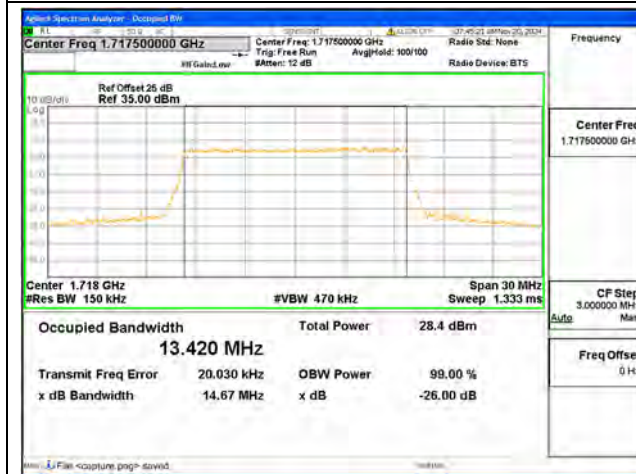




B4 / 15MHz / QPSK/ Low CH



B4 / 15MHz / 16QAM/ Low CH



B4 / 15MHz / 64QAM/ Low CH



B4 / 15MHz / QPSK/ Mid CH



B4 / 15MHz / 16QAM/ Mid CH



B4 / 15MHz / 64QAM/ Mid CH



B4 / 15MHz / QPSK/ High CH



B4 / 15MHz / 16QAM/ High CH



B4 / 15MHz / 64QAM/ High CH



B4 / 20MHz / QPSK/ Low CH



B4 / 20MHz / 16QAM/ Low CH



B4 / 20MHz / 64QAM/ Low CH

















B7 / 5MHz / QPSK/ Low CH



B7 / 5MHz / 16QAM/ Low CH



B7 / 5MHz / 64QAM/ Low CH



B7 / 5MHz / 16QAM/ Mid CH



B7 / 5MHz / QPSK/ Mid CH



B7 / 5MHz / 64QAM/ Mid CH















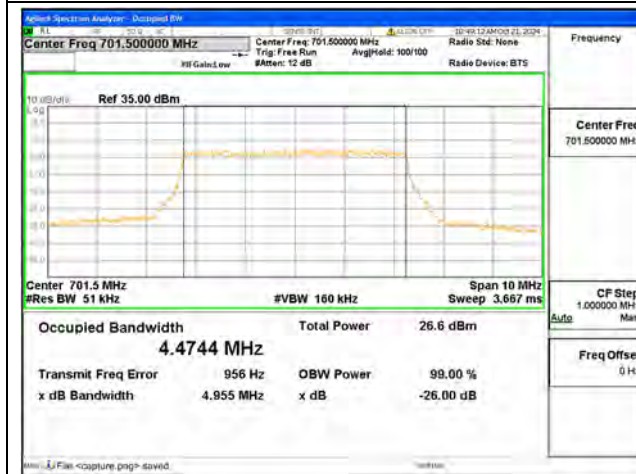




B12 / 5MHz / QPSK/ Low CH



B12 / 5MHz / 16QAM/ Low CH



B12 / 5MHz / 64QAM/ Low CH



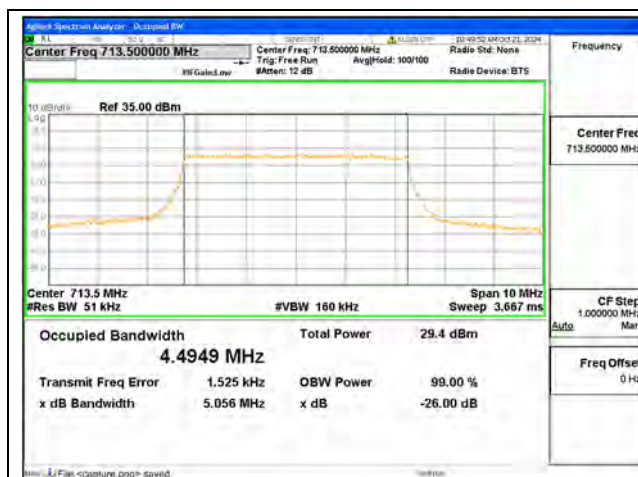
B12 / 5MHz / QPSK/ Mid CH



B12 / 5MHz / 16QAM/ Mid CH



B12 / 5MHz / 64QAM/ Mid 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

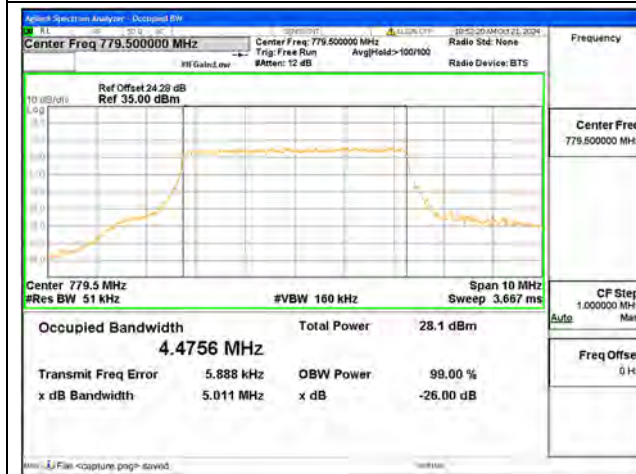




B13 / 5MHz / QPSK/ Low CH



B13 / 5MHz / 16QAM/ Low CH



B13 / 5MHz / 64QAM/ Low CH



B13 / 5MHz / QPSK/ Mid CH



B13 / 5MHz / 16QAM/ Mid CH



B13 / 5MHz / 64QAM/ Mid CH







B17 / 5MHz / QPSK/ High CH



B17 / 5MHz / 16QAM/ High CH



B17 / 5MHz / 64QAM/ High CH



B17 / 10MHz / QPSK/ Low CH



B17 / 10MHz / 16QAM/ Low CH



B17 / 10MHz / 64QAM/ Low CH



B17 / 10MHz / QPSK/ Mid CH



B17 / 10MHz / 16QAM/ Mid CH



B17 / 10MHz / 64QAM/ Mid CH



B17 / 10MHz / QPSK/ High CH

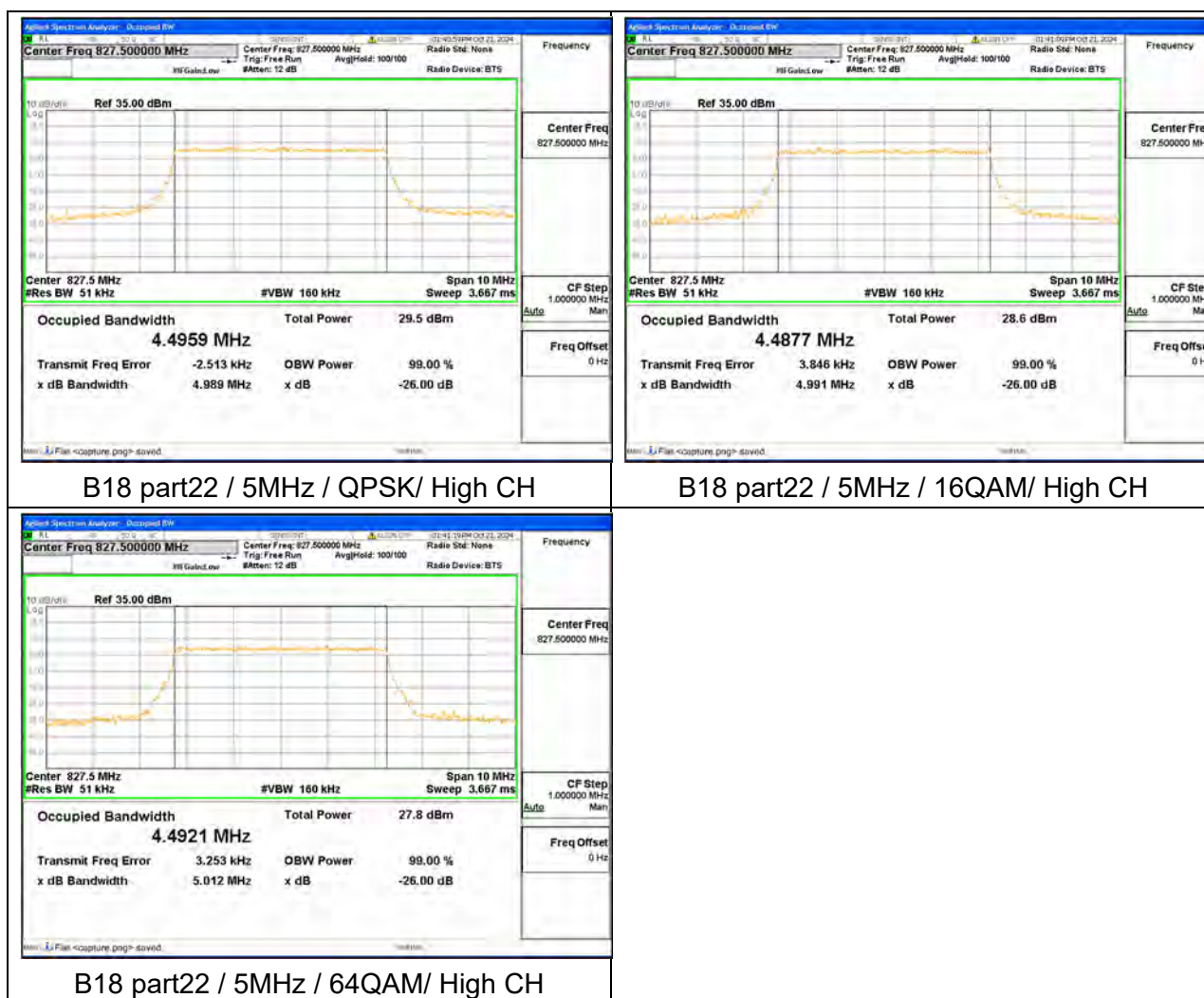


B17 / 10MHz / 16QAM/ High CH



B17 / 10MHz / 64QAM/ High CH







B19 / 5MHz / QPSK/ Low CH



B19 / 5MHz / 16QAM/ Low CH



B19 / 5MHz / 64QAM/ Low CH



B19 / 5MHz / QPSK/ Mid CH



B19 / 5MHz / 16QAM/ Mid CH



B19 / 5MHz / 64QAM/ Mid CH



B19 / 5MHz / QPSK/ High CH



B19 / 5MHz / 16QAM/ High CH



B19 / 5MHz / 64QAM/ High CH



B19 / 10MHz / QPSK/ Low CH



B19 / 10MHz / 16QAM/ Low CH



B19 / 10MHz / 64QAM/ Low CH



B19 / 10MHz / QPSK/ Mid CH



B19 / 10MHz / 16QAM/ Mid CH



B19 / 10MHz / 64QAM/ Mid CH



B19 / 10MHz / QPSK/ High CH



B19 / 10MHz / 16QAM/ High CH



B19 / 10MHz / 64QAM/ High CH



B19 / 15MHz / QPSK/ Low CH



B19 / 15MHz / 16QAM/ Low CH



B19 / 15MHz / 64QAM/ Low CH



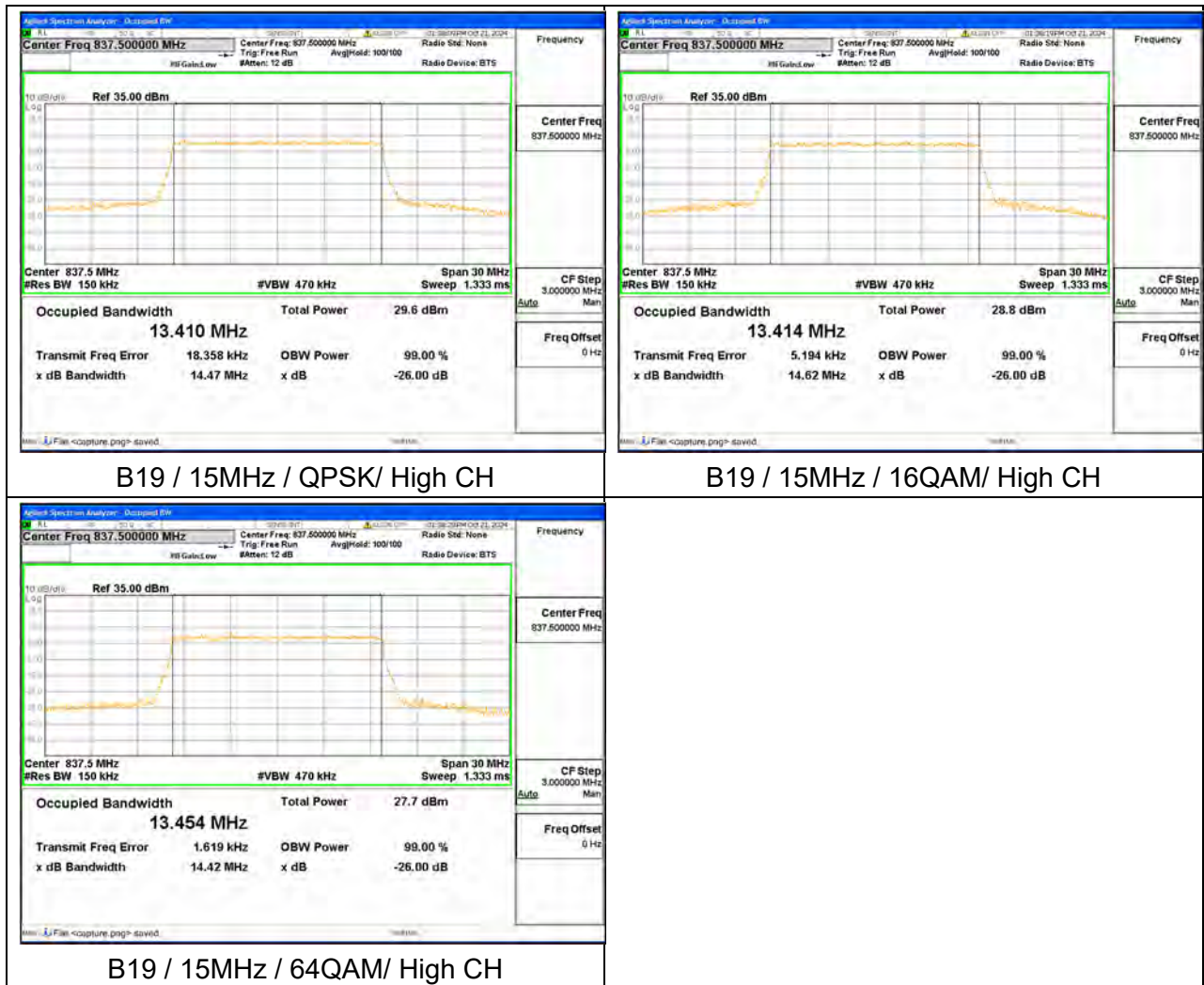
B19 / 15MHz / QPSK/ Mid CH



B19 / 15MHz / 16QAM/ Mid CH



B19 / 15MHz / 64QAM/ Mid CH

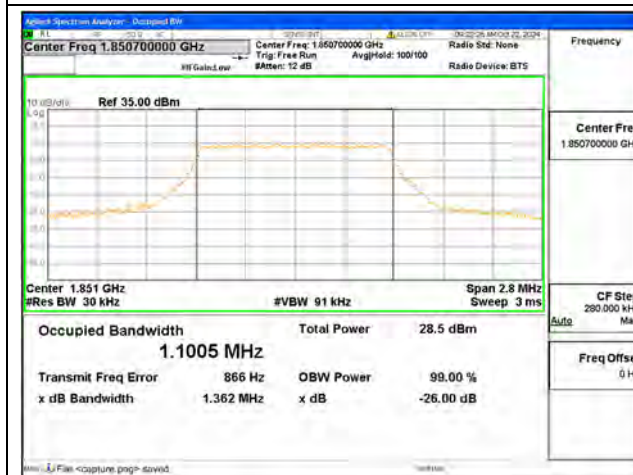




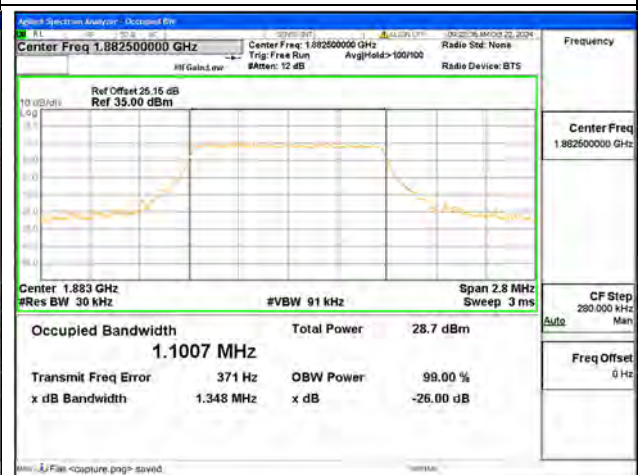
B25 / 1.4MHz / QPSK/ Low CH



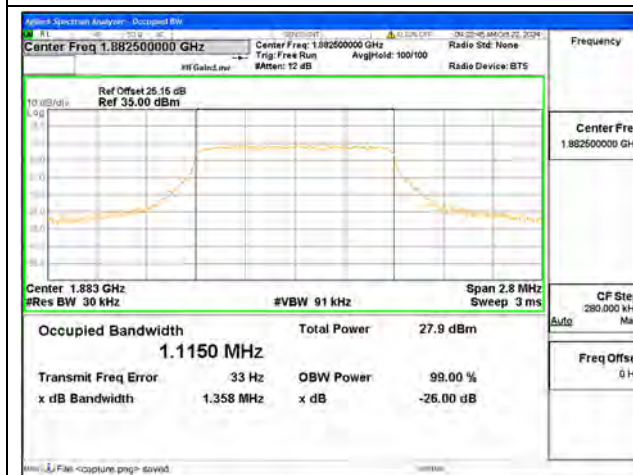
B25 / 1.4MHz / 16QAM/ Low CH



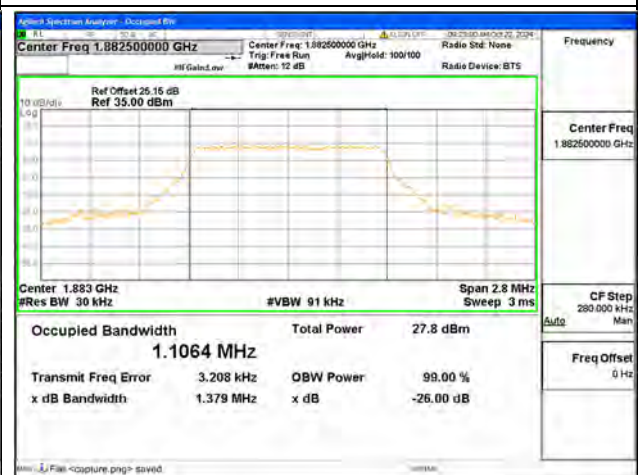
B25 / 1.4MHz / 64QAM/ Low CH



B25 / 1.4MHz / QPSK/ Mid CH



B25 / 1.4MHz / 16QAM/ Mid CH



B25 / 1.4MHz / 64QAM/ Mid CH













B25 / 15MHz / QPSK/ Low CH



B25 / 15MHz / 16QAM/ Low CH



B25 / 15MHz / 64QAM/ Low CH



B25 / 15MHz / QPSK/ Mid CH



B25 / 15MHz / 16QAM/ Mid CH



B25 / 15MHz / 64QAM/ Mid CH



