



REPORT No.: SZ24100003W08

TEST REPORT

APPLICANT : JP Morgan Chase Bank N.A

PRODUCT NAME : PAYPAD_801_GEN1

MODEL NAME : BLADE_801_GEN1

BRAND NAME : Chase

FCC ID : 2BHXP-BLAD08AA

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&L&M&N

RECEIPT DATE : 2025-01-10

TEST DATE : 2025-01-17 to 2025-04-21

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Edited by:

Zeng Xiaoying
Zeng Xiaoying (Rapporteur)

Approved by:

Shen Junsheng
Shen Junsheng (Supervisor)

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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





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Change History		
Version	Date	Reason for change
1.0	2025-05-08	First edition



1. Technical Information

Note: Provide by applicant.

1.1. Applicant and Manufacturer Information

Applicant:	JP Morgan Chase Bank N.A
Applicant Address:	70 Fargo St, Boston, MA, USA 02210
Manufacturer:	JP Morgan Chase Bank N.A
Manufacturer Address:	70 Fargo St, Boston, MA, USA 02210

1.2. Equipment Under Test (EUT) Description

Product Name:	PAYPAD_801_GEN1	
Sample No.:	1#, 3#	
Hardware Version:	PVT	
Software Version:	BLADE_801_GEN1.BE2M.20250403+	
Modulation Type:	QPSK, 16QAM, 64QAM, 256QAM	
Operation Band:	Band 2 / 4 / 5 / 7 / 12 / 13 / 17 / 19 / 25 / 26 / 38 / 40 / 41 / 66 / 71	
Frequency Range:	LTE Band 2	Tx: 1850MHz–1910MHz
		Rx: 1930MHz–1990MHz
	LTE Band 4	Tx: 1710MHz–1755MHz
		Rx: 2110MHz–2155MHz
	LTE Band 5	Tx: 824MHz–849MHz
		Rx: 869MHz–894MHz
	LTE Band 7	Tx: 2500MHz–2570MHz
		Rx: 2620MHz–2690MHz
	LTE Band 12	Tx: 699MHz–716MHz
		Rx: 729MHz–746MHz
	LTE Band 13	Tx: 777MHz–787MHz
		Rx: 746MHz–756MHz
	LTE Band 17	Tx: 704MHz–716MHz
		Rx: 734MHz–746MHz
	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 38	Tx: 2570MHz–2620MHz
		Rx: 2570MHz–2620MHz
	LTE Band 40 Block A	Tx: 2305MHz–2315MHz
		Rx: 2305MHz–2315MHz
	LTE Band 40 Block B	Tx: 2350MHz–2360MHz
		Rx: 2350MHz–2360MHz
	LTE Band 41	Tx: 2496MHz–2690MHz
		Rx: 2496MHz–2690MHz
	LTE Band 66	Tx: 1710MHz –1780MHz
		Rx: 2110MHz–2200MHz
Channel Bandwidth:	LTE Band 2	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
		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 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 38	5 MHz, 10MHz, 15MHz, 20MHz
	LTE Band 40	5 MHz, 10MHz
	LTE Band 41	5 MHz, 10MHz, 15MHz, 20MHz
	LTE Band 66	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
	LTE Band 71	5MHz, 10MHz, 15MHz, 20MHz
Antenna Type:		PIFA Antenna
Antenna Gain:	LTE Band 2	1.55dBi
	LTE Band 4	0.13dBi
	LTE Band 5	-1.08dBi
	LTE Band 7	1.22dBi
	LTE Band 12	-3.03dBi
	LTE Band 13	-2.90dBi



	LTE Band 17	-2.60dBi
	LTE Band 19	-1.19dBi
	LTE Band 25	1.47dBi
	LTE Band 26	-1.08dBi
	LTE Band 38	-0.20dBi
	LTE Band 40	-0.82dBi
	LTE Band 41	-0.43dBi
	LTE Band 66	0.13dBi
	LTE Band 71	-3.80dBi
Accessory Information:	Battery	
	Brand Name:	Chase
	Model No.:	860010
	Serial No.:	N/A
	Capacity:	6150mAh
	Rated Voltage:	3.85V
	Charge Limit:	4.4V
	Manufacturer:	Shenzhen GUANGWEI Electronic Technology Co., Ltd.
	USB Cable	
	Model No.:	HC-0412

Note 1: SIM 1 and SIM 2 is a chipset unit and tested as a single chipset. The SIM 1 is chosen for test.

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	256QAM	QPSK	16QAM	64QAM	256QAM
20	0.370	0.319	0.258	0.104	17M9G7D	17M9W7D	17M9W7D	17M9W7D
15	0.366	0.316	0.255	0.103	13M4G7D	13M4W7D	13M4W7D	13M4W7D
10	0.361	0.311	0.252	0.101	8M97G7D	8M96W7D	8M99W7D	8M97W7D
5	0.358	0.309	0.250	0.101	4M49G7D	4M48W7D	4M50W7D	4M49W7D
3	0.356	0.307	0.248	0.100	2M70G7D	2M71W7D	2M71W7D	2M71W7D
1.4	0.352	0.304	0.246	0.099	1M09G7D	1M10W7D	1M10W7D	1M09W7D
LTE Band 4	Maximum E.R.P./E.I.R.P. (W)				Emission Designator (99%OBW)			
BW (MHz)	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
20	0.267	0.214	0.174	0.070	18M0G7D	17M9W7D	17M9W7D	17M9W7D
15	0.263	0.211	0.172	0.069	13M5G7D	13M5W7D	13M5W7D	13M5W7D
10	0.260	0.209	0.170	0.068	8M99G7D	8M97W7D	8M99W7D	8M98W7D
5	0.257	0.206	0.167	0.067	4M49G7D	4M49W7D	4M50W7D	4M49W7D
3	0.255	0.204	0.166	0.067	2M70G7D	2M72W7D	2M71W7D	2M71W7D
1.4	0.252	0.202	0.164	0.066	1M09G7D	1M10W7D	1M10W7D	1M09W7D
LTE Band 5	Maximum E.R.P./E.I.R.P. (W)				Emission Designator (99%OBW)			
BW (MHz)	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
10	0.122	0.101	0.079	0.032	8M97G7D	8M96W7D	8M97W7D	8M97W7D
5	0.120	0.100	0.078	0.031	4M49G7D	4M49W7D	4M51W7D	4M49W7D
3	0.119	0.099	0.077	0.031	2M71G7D	2M71W7D	2M71W7D	2M71W7D
1.4	0.118	0.098	0.076	0.031	1M10G7D	1M10W7D	1M10W7D	1M09W7D
LTE Band 7	Maximum E.R.P./E.I.R.P. (W)				Emission Designator (99%OBW)			
BW (MHz)	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
20	0.273	0.228	0.181	0.073	17M9G7D	17M9W7D	17M9W7D	17M9W7D
15	0.270	0.225	0.179	0.072	13M5G7D	13M4W7D	13M5W7D	13M5W7D
10	0.268	0.223	0.177	0.071	9M00G7D	8M97W7D	9M00W7D	8M99W7D
5	0.265	0.221	0.175	0.070	4M49G7D	4M49W7D	4M51W7D	4M49W7D



LTE Band 12	Maximum E.R.P./E.I.R.P. (W)				Emission Designator (99%OBW)			
BW (MHz)	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
10	0.079	0.065	0.052	0.020	8M96G7D	8M95W7D	8M98W7D	8M95W7D
5	0.078	0.064	0.052	0.020	4M49G7D	4M48W7D	4M50W7D	4M49W7D
3	0.077	0.063	0.051	0.020	2M70G7D	2M72W7D	2M71W7D	2M71W7D
1.4	0.076	0.063	0.050	0.019	1M10G7D	1M10W7D	1M10W7D	1M09W7D
LTE Band 13	Maximum E.R.P./E.I.R.P. (W)				Emission Designator (99%OBW)			
BW (MHz)	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
10	0.065	0.054	0.043	0.021	8M94G7D	8M89W7D	8M94W7D	8M92W7D
5	0.064	0.053	0.043	0.021	4M49G7D	4M48W7D	4M50W7D	4M49W7D
LTE Band 17	Maximum E.R.P./E.I.R.P. (W)				Emission Designator (99%OBW)			
BW (MHz)	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
10	0.085	0.070	0.056	0.022	8M97G7D	8M95W7D	9M00W7D	8M97W7D
5	0.084	0.069	0.055	0.021	4M49G7D	4M49W7D	4M50W7D	4M49W7D
LTE Band 19	Maximum E.R.P./E.I.R.P. (W)				Emission Designator (99%OBW)			
BW (MHz)	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
15	0.095	0.082	0.065	0.095	13M5G7D	13M4W7D	13M4W7D	13M4W7D
10	0.094	0.081	0.064	0.094	8M97G7D	8M95W7D	8M99W7D	8M97W7D
5	0.093	0.080	0.063	0.093	4M49G7D	4M49W7D	4M50W7D	4M49W7D
LTE Band 25	Maximum E.R.P./E.I.R.P. (W)				Emission Designator (99%OBW)			
BW (MHz)	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
20	0.286	0.223	0.177	0.071	17M9G7D	17M8W7D	17M9W7D	17M9W7D
15	0.282	0.221	0.175	0.071	13M4G7D	13M4W7D	13M4W7D	13M4W7D
10	0.279	0.218	0.172	0.070	8M97G7D	8M96W7D	8M99W7D	8M98W7D
5	0.276	0.216	0.171	0.069	4M49G7D	4M49W7D	4M51W7D	4M50W7D
3	0.275	0.215	0.170	0.069	2M71G7D	2M72W7D	2M72W7D	2M71W7D
1.4	0.273	0.213	0.169	0.068	1M10G7D	1M10W7D	1M10W7D	1M09W7D



LTE Band 26	Maximum E.R.P./E.I.R.P. (W)				Emission Designator (99%OBW)			
BW (MHz)	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
15	0.085	0.068	0.054	0.035	13M5G7D	13M4W7D	13M4W7D	13M4W7D
10	0.083	0.070	0.054	0.036	8M97G7D	8M93W7D	8M98W7D	8M96W7D
5	0.082	0.067	0.060	0.041	4M49G7D	4M48W7D	4M50W7D	4M49W7D
3	0.085	0.071	0.059	0.042	2M70G7D	2M72W7D	2M71W7D	2M71W7D
1.4	0.079	0.067	0.058	0.039	1M09G7D	1M10W7D	1M10W7D	1M09W7D
LTE Band 38	Maximum E.R.P./E.I.R.P. (W)				Emission Designator (99%OBW)			
BW (MHz)	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
20	0.201	0.163	0.129	0.052	17M9G7D	17M9W7D	17M9W7D	17M9W7D
15	0.199	0.161	0.127	0.051	13M5G7D	13M5W7D	13M5W7D	13M5W7D
10	0.198	0.160	0.126	0.051	8M98G7D	8M98W7D	9M01W7D	8M98W7D
5	0.196	0.159	0.126	0.050	4M50G7D	4M49W7D	4M50W7D	4M48W7D
LTE Band 40 Block A	Maximum E.R.P./E.I.R.P. (W)				Emission Designator (99%OBW)			
BW (MHz)	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
10	0.169	0.139	0.111	0.046	8M97G7D	8M95W7D	8M99W7D	8M97W7D
5	0.166	0.136	0.110	0.045	4M50G7D	4M50W7D	4M51W7D	4M49W7D
LTE Band 40 Block B	Maximum E.R.P./E.I.R.P. (W)				Emission Designator (99%OBW)			
BW (MHz)	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
10	0.171	0.140	0.111	0.045	8M99G7D	8M97W7D	8M98W7D	8M98W7D
5	0.168	0.138	0.109	0.044	4M51G7D	4M50W7D	4M51W7D	4M49W7D



LTE Band 41	Maximum E.R.P./E.I.R.P. (W)				Emission Designator (99%OBW)			
BW (MHz)	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
20	0.187	0.153	0.121	0.049	17M9G7D	17M9W7D	17M9W7D	17M9W7D
15	0.186	0.152	0.120	0.049	13M5G7D	13M5W7D	13M5W7D	13M4W7D
10	0.185	0.152	0.119	0.049	8M99G7D	8M97W7D	8M99W7D	8M98W7D
5	0.183	0.150	0.118	0.048	4M51G7D	4M49W7D	4M49W7D	4M49W7D
LTE Band 66	Maximum E.R.P./E.I.R.P. (W)				Emission Designator (99%OBW)			
BW (MHz)	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
20	0.270	0.224	0.177	0.072	17M9G7D	17M9W7D	18M0W7D	17M9W7D
15	0.267	0.221	0.174	0.077	13M5G7D	13M5W7D	13M5W7D	13M5W7D
10	0.263	0.218	0.172	0.067	8M99G7D	8M96W7D	8M99W7D	8M99W7D
5	0.261	0.217	0.171	0.067	4M49G7D	4M49W7D	4M51W7D	4M49W7D
3	0.259	0.215	0.169	0.066	2M70G7D	2M72W7D	2M71W7D	2M71W7D
1.4	0.256	0.213	0.167	0.065	1M10G7D	1M10W7D	1M10W7D	1M09W7D
LTE Band 71	Maximum E.R.P./E.I.R.P. (W)				Emission Designator (99%OBW)			
BW (MHz)	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
20	0.052	0.044	0.036	0.014	17M9G7D	17M9W7D	17M9W7D	17M9W7D
15	0.051	0.044	0.035	0.014	13M5G7D	13M4W7D	13M4W7D	13M5W7D
10	0.051	0.043	0.035	0.014	8M97G7D	8M93W7D	8M98W7D	8M96W7D
5	0.051	0.043	0.035	0.013	4M49G7D	4M48W7D	4M50W7D	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.	Apr. 21, 2025	Yu Xiaoming Gan Jing	PASS	No deviation
2.1049	Occupied Bandwidth	Feb. 24, 2025	Gan Jing	PASS	No deviation
2.1055 22.355 24.235 27.54	Frequency Stability	Apr. 21, 2025	Gan Jing	PASS	No deviation
24.232(d), 27.50(d)(5)	Peak to Average Radio	Feb. 08, 2025	Gan Jing	PASS	No deviation
2.1051 22.917(a) 24.238(a) 27.53(a)(4) 27.53(c)(2) 27.53(g) 27.53(h) 27.53(m)(4)	Conducted Spurious Emissions	Jan. 21, 2025 Feb. 08, 2025	Gan Jing	PASS	No deviation



2.1051 22.917(a) 24.238(a) 27.53(a)(4) 27.53(c)(2) 27.53(g) 27.53(h) 27.53(m)(4)	Band Edge	Feb. 21, 2025	Li Hanbin	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	Feb. 24, 2025	Gan Jing	PASS	No deviation

Note 1: The tests were performed according to the method of measurements prescribed in KDB 971168 D01 v03 and ANSI/TIA-603-E-2016.

Note 2: 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 3: 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 5/19/26, the E.R.P. of mobile transmitters and auxiliary test transmitters must not exceed 7 watts.

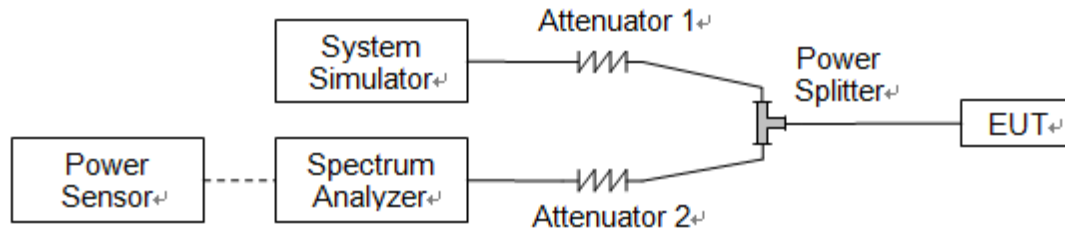
According to FCC section 27.50 (h)(2) for LTE Band 7/38/41, Mobile and other user stations. Mobile stations are limited to 2 watts E.I.R.P. All user stations are limited to 2 watts transmitter output power.

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

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

According to FCC section 27.50 (a)(3) for LTE Band 40, Mobile and portable stations transmitting in the 2305-2315 MHz band or the 2350-2360 MHz band, the average E.I.R.P. must not exceed 50 milliwatts within any 1 megahertz of authorized bandwidth.

2.1.2. Test Description



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

2.1.3. Test Procedure

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

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

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



2.1.4. Result

Conducted Output Power

LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18700	18900	19100
Frequency (MHz)				1860	1880	1900
20	QPSK	1	0	24.11	24.13	24.06
20	QPSK	1	49	24.10	24.12	24.05
20	QPSK	1	99	24.02	24.09	24.06
20	QPSK	50	0	23.16	23.28	23.17
20	QPSK	50	24	23.20	23.14	23.12
20	QPSK	50	50	23.17	23.20	23.13
20	QPSK	100	0	23.20	23.21	23.10
20	16QAM	1	0	23.47	23.38	23.21
20	16QAM	1	49	23.35	23.44	23.39
20	16QAM	1	99	23.45	23.22	23.49
20	16QAM	50	0	22.39	22.34	22.38
20	16QAM	50	24	22.48	22.33	22.32
20	16QAM	50	50	22.35	22.38	22.40
20	16QAM	100	0	22.33	22.35	22.31
20	64QAM	1	0	22.43	22.57	22.52
20	64QAM	1	49	22.46	22.50	22.40
20	64QAM	1	99	22.56	22.44	22.26
20	64QAM	50	0	22.44	22.33	22.33
20	64QAM	50	24	22.27	22.28	22.35
20	64QAM	50	50	22.40	22.33	22.38
20	64QAM	100	0	22.32	22.35	22.34
20	256QAM	1	0	18.47	18.62	18.57
20	256QAM	1	49	18.50	18.55	18.45
20	256QAM	1	99	18.60	18.49	18.31
20	256QAM	50	0	18.45	18.35	18.35
20	256QAM	50	24	18.28	18.30	18.37
20	256QAM	50	50	18.41	18.35	18.40
20	256QAM	100	0	18.33	18.37	18.36



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	24.06	24.08	24.01
15	QPSK	1	37	24.05	24.07	24.00
15	QPSK	1	74	23.97	24.04	24.01
15	QPSK	36	0	23.11	23.23	23.12
15	QPSK	36	20	23.15	23.09	23.07
15	QPSK	36	39	23.12	23.15	23.08
15	QPSK	75	0	23.15	23.16	23.05
15	16QAM	1	0	23.42	23.33	23.16
15	16QAM	1	37	23.30	23.39	23.34
15	16QAM	1	74	23.40	23.17	23.44
15	16QAM	36	0	22.34	22.29	22.33
15	16QAM	36	20	22.43	22.28	22.27
15	16QAM	36	39	22.30	22.33	22.35
15	16QAM	75	0	22.28	22.30	22.26
15	64QAM	1	0	22.38	22.52	22.47
15	64QAM	1	37	22.41	22.45	22.35
15	64QAM	1	74	22.51	22.39	22.21
15	64QAM	36	0	22.39	22.28	22.28
15	64QAM	36	20	22.22	22.23	22.30
15	64QAM	36	39	22.35	22.28	22.33
15	64QAM	75	0	22.27	22.30	22.29
15	256QAM	1	0	18.42	18.57	18.52
15	256QAM	1	37	18.45	18.50	18.40
15	256QAM	1	74	18.55	18.44	18.26
15	256QAM	36	0	18.40	18.30	18.30
15	256QAM	36	20	18.23	18.25	18.32
15	256QAM	36	39	18.36	18.30	18.35
15	256QAM	75	0	18.28	18.32	18.31



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	24.00	24.02	23.95
10	QPSK	1	25	23.99	24.01	23.94
10	QPSK	1	49	23.91	23.98	23.95
10	QPSK	25	0	23.05	23.17	23.06
10	QPSK	25	12	23.09	23.03	23.01
10	QPSK	25	25	23.06	23.09	23.02
10	QPSK	50	0	23.09	23.10	22.99
10	16QAM	1	0	23.36	23.27	23.10
10	16QAM	1	25	23.24	23.33	23.28
10	16QAM	1	49	23.34	23.11	23.38
10	16QAM	25	0	22.28	22.23	22.27
10	16QAM	25	12	22.37	22.22	22.21
10	16QAM	25	25	22.24	22.27	22.29
10	16QAM	50	0	22.22	22.24	22.20
10	64QAM	1	0	22.32	22.46	22.41
10	64QAM	1	25	22.35	22.39	22.29
10	64QAM	1	49	22.45	22.33	22.15
10	64QAM	25	0	22.33	22.22	22.22
10	64QAM	25	12	22.16	22.17	22.24
10	64QAM	25	25	22.29	22.22	22.27
10	64QAM	50	0	22.21	22.24	22.23
10	256QAM	1	0	18.36	18.51	18.46
10	256QAM	1	25	18.39	18.44	18.34
10	256QAM	1	49	18.49	18.38	18.20
10	256QAM	25	0	18.34	18.24	18.24
10	256QAM	25	12	18.17	18.19	18.26
10	256QAM	25	25	18.30	18.24	18.29
10	256QAM	50	0	18.22	18.26	18.25



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	23.97	23.99	23.92
5	QPSK	1	12	23.96	23.98	23.91
5	QPSK	1	24	23.88	23.95	23.92
5	QPSK	12	0	23.02	23.14	23.03
5	QPSK	12	7	23.06	23.00	22.98
5	QPSK	12	13	23.03	23.06	22.99
5	QPSK	25	0	23.06	23.07	22.96
5	16QAM	1	0	23.33	23.24	23.07
5	16QAM	1	12	23.21	23.30	23.25
5	16QAM	1	24	23.31	23.08	23.35
5	16QAM	12	0	22.25	22.20	22.24
5	16QAM	12	7	22.34	22.19	22.18
5	16QAM	12	13	22.21	22.24	22.26
5	16QAM	25	0	22.19	22.21	22.17
5	64QAM	1	0	22.29	22.43	22.38
5	64QAM	1	12	22.32	22.36	22.26
5	64QAM	1	24	22.42	22.30	22.12
5	64QAM	12	0	22.30	22.19	22.19
5	64QAM	12	7	22.13	22.14	22.21
5	64QAM	12	13	22.26	22.19	22.24
5	64QAM	25	0	22.18	22.21	22.20
5	256QAM	1	0	18.33	18.48	18.43
5	256QAM	1	12	18.36	18.41	18.31
5	256QAM	1	24	18.46	18.35	18.17
5	256QAM	12	0	18.31	18.21	18.21
5	256QAM	12	7	18.14	18.16	18.23
5	256QAM	12	13	18.27	18.21	18.26
5	256QAM	25	0	18.19	18.23	18.22



LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18615	18900	19185
Frequency (MHz)				1851.5	1880	1908.5
3	QPSK	1	0	23.94	23.96	23.89
3	QPSK	1	8	23.93	23.95	23.88
3	QPSK	1	14	23.85	23.92	23.89
3	QPSK	8	0	22.99	23.11	23.00
3	QPSK	8	4	23.03	22.97	22.95
3	QPSK	8	7	23.00	23.03	22.96
3	QPSK	15	0	23.03	23.04	22.93
3	16QAM	1	0	23.30	23.21	23.04
3	16QAM	1	8	23.18	23.27	23.22
3	16QAM	1	14	23.28	23.05	23.32
3	16QAM	8	0	22.22	22.17	22.21
3	16QAM	8	4	22.31	22.16	22.15
3	16QAM	8	7	22.18	22.21	22.23
3	16QAM	15	0	22.16	22.18	22.14
3	64QAM	1	0	22.26	22.40	22.35
3	64QAM	1	8	22.29	22.33	22.23
3	64QAM	1	14	22.39	22.27	22.09
3	64QAM	8	0	22.27	22.16	22.16
3	64QAM	8	4	22.10	22.11	22.18
3	64QAM	8	7	22.23	22.16	22.21
3	64QAM	15	0	22.15	22.18	22.17
3	256QAM	1	0	18.30	18.45	18.40
3	256QAM	1	8	18.33	18.38	18.28
3	256QAM	1	14	18.43	18.32	18.14
3	256QAM	8	0	18.28	18.18	18.18
3	256QAM	8	4	18.11	18.13	18.20
3	256QAM	8	7	18.24	18.18	18.23
3	256QAM	15	0	18.16	18.20	18.19



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	23.90	23.92	23.85
1.4	QPSK	1	3	23.89	23.91	23.84
1.4	QPSK	1	5	23.81	23.88	23.85
1.4	QPSK	3	0	22.95	23.07	22.96
1.4	QPSK	3	1	22.99	22.93	22.91
1.4	QPSK	3	3	22.96	22.99	22.92
1.4	QPSK	6	0	22.99	23.00	22.89
1.4	16QAM	1	0	23.26	23.17	23.00
1.4	16QAM	1	3	23.14	23.23	23.18
1.4	16QAM	1	5	23.24	23.01	23.28
1.4	16QAM	3	0	22.18	22.13	22.17
1.4	16QAM	3	1	22.27	22.12	22.11
1.4	16QAM	3	3	22.14	22.17	22.19
1.4	16QAM	6	0	22.12	22.14	22.10
1.4	64QAM	1	0	22.22	22.36	22.31
1.4	64QAM	1	3	22.25	22.29	22.19
1.4	64QAM	1	5	22.35	22.23	22.05
1.4	64QAM	3	0	22.23	22.12	22.12
1.4	64QAM	3	1	22.06	22.07	22.14
1.4	64QAM	3	3	22.19	22.12	22.17
1.4	64QAM	6	0	22.11	22.14	22.13
1.4	256QAM	1	0	18.26	18.41	18.36
1.4	256QAM	1	3	18.29	18.34	18.24
1.4	256QAM	1	5	18.39	18.28	18.10
1.4	256QAM	3	0	18.24	18.14	18.14
1.4	256QAM	3	1	18.07	18.09	18.16
1.4	256QAM	3	3	18.20	18.14	18.19
1.4	256QAM	6	0	18.12	18.16	18.15



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20050	20175	20300
Frequency (MHz)				1720	1732.5	1745
20	QPSK	1	0	24.10	24.14	24.13
20	QPSK	1	49	24.04	24.05	24.06
20	QPSK	1	99	23.96	23.98	24.01
20	QPSK	50	0	23.15	23.21	23.08
20	QPSK	50	24	23.09	23.12	23.13
20	QPSK	50	50	23.06	23.09	23.15
20	QPSK	100	0	23.03	23.12	23.07
20	16QAM	1	0	22.76	23.01	23.07
20	16QAM	1	49	23.01	23.07	22.92
20	16QAM	1	99	23.08	23.07	23.18
20	16QAM	50	0	22.14	22.10	22.15
20	16QAM	50	24	22.17	22.06	22.10
20	16QAM	50	50	22.22	22.08	22.09
20	16QAM	100	0	22.14	22.13	22.11
20	64QAM	1	0	22.26	22.20	22.24
20	64QAM	1	49	22.06	22.08	22.24
20	64QAM	1	99	22.16	22.17	22.28
20	64QAM	50	0	22.08	22.05	22.06
20	64QAM	50	24	22.07	22.09	22.22
20	64QAM	50	50	22.11	22.08	22.26
20	64QAM	100	0	22.09	22.06	22.17
20	256QAM	1	0	18.29	18.23	18.27
20	256QAM	1	49	18.09	18.11	18.27
20	256QAM	1	99	18.19	18.20	18.31
20	256QAM	50	0	18.11	18.08	18.09
20	256QAM	50	24	18.10	18.12	18.25
20	256QAM	50	50	18.14	18.11	18.29
20	256QAM	100	0	18.12	18.09	18.20



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	24.04	24.08	24.07
15	QPSK	1	37	23.98	23.99	24.00
15	QPSK	1	74	23.90	23.92	23.95
15	QPSK	36	0	23.09	23.15	23.02
15	QPSK	36	20	23.03	23.06	23.07
15	QPSK	36	39	23.00	23.03	23.09
15	QPSK	75	0	22.97	23.06	23.01
15	16QAM	1	0	22.70	22.95	23.01
15	16QAM	1	37	22.95	23.01	22.86
15	16QAM	1	74	23.02	23.01	23.12
15	16QAM	36	0	22.08	22.04	22.09
15	16QAM	36	20	22.11	22.00	22.04
15	16QAM	36	39	22.16	22.02	22.03
15	16QAM	75	0	22.08	22.07	22.05
15	64QAM	1	0	22.20	22.14	22.18
15	64QAM	1	37	22.00	22.02	22.18
15	64QAM	1	74	22.10	22.11	22.22
15	64QAM	36	0	22.02	21.99	22.00
15	64QAM	36	20	22.01	22.03	22.16
15	64QAM	36	39	22.05	22.02	22.20
15	64QAM	75	0	22.03	22.00	22.11
15	256QAM	1	0	18.23	18.17	18.21
15	256QAM	1	37	18.03	18.05	18.21
15	256QAM	1	74	18.13	18.14	18.25
15	256QAM	36	0	18.05	18.02	18.03
15	256QAM	36	20	18.04	18.06	18.19
15	256QAM	36	39	18.08	18.05	18.23
15	256QAM	75	0	18.06	18.03	18.14



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	23.99	24.03	24.02
10	QPSK	1	25	23.93	23.94	23.95
10	QPSK	1	49	23.85	23.87	23.90
10	QPSK	25	0	23.04	23.10	22.97
10	QPSK	25	12	22.98	23.01	23.02
10	QPSK	25	25	22.95	22.98	23.04
10	QPSK	50	0	22.92	23.01	22.96
10	16QAM	1	0	22.65	22.90	22.96
10	16QAM	1	25	22.90	22.96	22.81
10	16QAM	1	49	22.97	22.96	23.07
10	16QAM	25	0	22.03	21.99	22.04
10	16QAM	25	12	22.06	21.95	21.99
10	16QAM	25	25	22.11	21.97	21.98
10	16QAM	50	0	22.03	22.02	22.00
10	64QAM	1	0	22.15	22.09	22.13
10	64QAM	1	25	21.95	21.97	22.13
10	64QAM	1	49	22.05	22.06	22.17
10	64QAM	25	0	21.97	21.94	21.95
10	64QAM	25	12	21.96	21.98	22.11
10	64QAM	25	25	22.00	21.97	22.15
10	64QAM	50	0	21.98	21.95	22.06
10	256QAM	1	0	18.18	18.12	18.16
10	256QAM	1	25	17.98	18.00	18.16
10	256QAM	1	49	18.08	18.09	18.20
10	256QAM	25	0	18.00	17.97	17.98
10	256QAM	25	12	17.99	18.01	18.14
10	256QAM	25	25	18.03	18.00	18.18
10	256QAM	50	0	18.01	17.98	18.09



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	23.93	23.97	23.96
5	QPSK	1	12	23.87	23.88	23.89
5	QPSK	1	24	23.79	23.81	23.84
5	QPSK	12	0	22.98	23.04	22.91
5	QPSK	12	7	22.92	22.95	22.96
5	QPSK	12	13	22.89	22.92	22.98
5	QPSK	25	0	22.86	22.95	22.90
5	16QAM	1	0	22.59	22.84	22.90
5	16QAM	1	12	22.84	22.90	22.75
5	16QAM	1	24	22.91	22.90	23.01
5	16QAM	12	0	21.97	21.93	21.98
5	16QAM	12	7	22.00	21.89	21.93
5	16QAM	12	13	22.05	21.91	21.92
5	16QAM	25	0	21.97	21.96	21.94
5	64QAM	1	0	22.09	22.03	22.07
5	64QAM	1	12	21.89	21.91	22.07
5	64QAM	1	24	21.99	22.00	22.11
5	64QAM	12	0	21.91	21.88	21.89
5	64QAM	12	7	21.90	21.92	22.05
5	64QAM	12	13	21.94	21.91	22.09
5	64QAM	25	0	21.92	21.89	22.00
5	256QAM	1	0	18.12	18.06	18.10
5	256QAM	1	12	17.92	17.94	18.10
5	256QAM	1	24	18.02	18.03	18.14
5	256QAM	12	0	17.94	17.91	17.92
5	256QAM	12	7	17.93	17.95	18.08
5	256QAM	12	13	17.97	17.94	18.12
5	256QAM	25	0	17.95	17.92	18.03



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	23.90	23.94	23.93
3	QPSK	1	8	23.84	23.85	23.86
3	QPSK	1	14	23.76	23.78	23.81
3	QPSK	8	0	22.95	23.01	22.88
3	QPSK	8	4	22.89	22.92	22.93
3	QPSK	8	7	22.86	22.89	22.95
3	QPSK	15	0	22.83	22.92	22.87
3	16QAM	1	0	22.56	22.81	22.87
3	16QAM	1	8	22.81	22.87	22.72
3	16QAM	1	14	22.88	22.87	22.98
3	16QAM	8	0	21.94	21.90	21.95
3	16QAM	8	4	21.97	21.86	21.90
3	16QAM	8	7	22.02	21.88	21.89
3	16QAM	15	0	21.94	21.93	21.91
3	64QAM	1	0	22.06	22.00	22.04
3	64QAM	1	8	21.86	21.88	22.04
3	64QAM	1	14	21.96	21.97	22.08
3	64QAM	8	0	21.88	21.85	21.86
3	64QAM	8	4	21.87	21.89	22.02
3	64QAM	8	7	21.91	21.88	22.06
3	64QAM	15	0	21.89	21.86	21.97
3	256QAM	1	0	18.09	18.03	18.07
3	256QAM	1	8	17.89	17.91	18.07
3	256QAM	1	14	17.99	18.00	18.11
3	256QAM	8	0	17.91	17.88	17.89
3	256QAM	8	4	17.90	17.92	18.05
3	256QAM	8	7	17.94	17.91	18.09
3	256QAM	15	0	17.92	17.89	18.00



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	23.84	23.88	23.87
1.4	QPSK	1	3	23.78	23.79	23.80
1.4	QPSK	1	5	23.70	23.72	23.75
1.4	QPSK	3	0	22.89	22.95	22.82
1.4	QPSK	3	1	22.83	22.86	22.87
1.4	QPSK	3	3	22.80	22.83	22.89
1.4	QPSK	6	0	22.77	22.86	22.81
1.4	16QAM	1	0	22.50	22.75	22.81
1.4	16QAM	1	3	22.75	22.81	22.66
1.4	16QAM	1	5	22.82	22.81	22.92
1.4	16QAM	3	0	21.88	21.84	21.89
1.4	16QAM	3	1	21.91	21.80	21.84
1.4	16QAM	3	3	21.96	21.82	21.83
1.4	16QAM	6	0	21.88	21.87	21.85
1.4	64QAM	1	0	22.00	21.94	21.98
1.4	64QAM	1	3	21.80	21.82	21.98
1.4	64QAM	1	5	21.90	21.91	22.02
1.4	64QAM	3	0	21.82	21.79	21.80
1.4	64QAM	3	1	21.81	21.83	21.96
1.4	64QAM	3	3	21.85	21.82	22.00
1.4	64QAM	6	0	21.83	21.80	21.91
1.4	256QAM	1	0	18.03	17.97	18.01
1.4	256QAM	1	3	17.83	17.85	18.01
1.4	256QAM	1	5	17.93	17.94	18.05
1.4	256QAM	3	0	17.85	17.82	17.83
1.4	256QAM	3	1	17.84	17.86	17.99
1.4	256QAM	3	3	17.88	17.85	18.03
1.4	256QAM	6	0	17.86	17.83	17.94



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	24.08	24.09	24.01
10	QPSK	1	25	24.04	24.07	23.96
10	QPSK	1	49	23.96	24.03	23.78
10	QPSK	25	0	23.14	23.22	23.08
10	QPSK	25	12	23.21	23.18	23.13
10	QPSK	25	25	23.13	23.09	23.12
10	QPSK	50	0	23.02	23.04	23.01
10	16QAM	1	0	23.11	23.01	22.97
10	16QAM	1	25	23.10	23.28	23.14
10	16QAM	1	49	23.07	23.08	23.00
10	16QAM	25	0	22.06	21.97	21.94
10	16QAM	25	12	21.98	21.94	21.91
10	16QAM	25	25	22.06	22.02	21.97
10	16QAM	50	0	22.10	21.96	21.93
10	64QAM	1	0	22.12	22.19	22.08
10	64QAM	1	25	21.99	21.97	22.03
10	64QAM	1	49	22.14	21.94	22.10
10	64QAM	25	0	22.09	22.02	21.97
10	64QAM	25	12	22.17	21.97	22.02
10	64QAM	25	25	22.01	22.02	21.97
10	64QAM	50	0	22.02	21.99	22.01
10	256QAM	1	0	18.16	18.23	18.12
10	256QAM	1	25	18.03	18.01	18.07
10	256QAM	1	49	18.18	17.98	18.14
10	256QAM	25	0	18.13	18.06	18.01
10	256QAM	25	12	18.21	18.01	18.06
10	256QAM	25	25	18.05	18.06	18.01
10	256QAM	50	0	18.06	18.03	18.05



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	24.02	24.03	23.95
5	QPSK	1	12	23.98	24.01	23.90
5	QPSK	1	24	23.90	23.97	23.72
5	QPSK	12	0	23.08	23.16	23.02
5	QPSK	12	7	23.15	23.12	23.07
5	QPSK	12	13	23.07	23.03	23.06
5	QPSK	25	0	22.96	22.98	22.95
5	16QAM	1	0	23.05	22.95	22.91
5	16QAM	1	12	23.04	23.22	23.08
5	16QAM	1	24	23.01	23.02	22.94
5	16QAM	12	0	22.00	21.91	21.88
5	16QAM	12	7	21.92	21.88	21.85
5	16QAM	12	13	22.00	21.96	21.91
5	16QAM	25	0	22.04	21.90	21.87
5	64QAM	1	0	22.06	22.13	22.02
5	64QAM	1	12	21.93	21.91	21.97
5	64QAM	1	24	22.08	21.88	22.04
5	64QAM	12	0	22.03	21.96	21.91
5	64QAM	12	7	22.11	21.91	21.96
5	64QAM	12	13	21.95	21.96	21.91
5	64QAM	25	0	21.96	21.93	21.95
5	256QAM	1	0	18.10	18.17	18.06
5	256QAM	1	12	17.97	17.95	18.01
5	256QAM	1	24	18.12	17.92	18.08
5	256QAM	12	0	18.07	18.00	17.95
5	256QAM	12	7	18.15	17.95	18.00
5	256QAM	12	13	17.99	18.00	17.95
5	256QAM	25	0	18.00	17.97	17.99



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	23.97	23.98	23.90
3	QPSK	1	8	23.93	23.96	23.85
3	QPSK	1	14	23.85	23.92	23.67
3	QPSK	8	0	23.03	23.11	22.97
3	QPSK	8	4	23.10	23.07	23.02
3	QPSK	8	7	23.02	22.98	23.01
3	QPSK	15	0	22.91	22.93	22.90
3	16QAM	1	0	23.00	22.90	22.86
3	16QAM	1	8	22.99	23.17	23.03
3	16QAM	1	14	22.96	22.97	22.89
3	16QAM	8	0	21.95	21.86	21.83
3	16QAM	8	4	21.87	21.83	21.80
3	16QAM	8	7	21.95	21.91	21.86
3	16QAM	15	0	21.99	21.85	21.82
3	64QAM	1	0	22.01	22.08	21.97
3	64QAM	1	8	21.88	21.86	21.92
3	64QAM	1	14	22.03	21.83	21.99
3	64QAM	8	0	21.98	21.91	21.86
3	64QAM	8	4	22.06	21.86	21.91
3	64QAM	8	7	21.90	21.91	21.86
3	64QAM	15	0	21.91	21.88	21.90
3	256QAM	1	0	18.05	18.12	18.01
3	256QAM	1	8	17.92	17.90	17.96
3	256QAM	1	14	18.07	17.87	18.03
3	256QAM	8	0	18.02	17.95	17.90
3	256QAM	8	4	18.10	17.90	17.95
3	256QAM	8	7	17.94	17.95	17.90
3	256QAM	15	0	17.95	17.92	17.94



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	23.93	23.94	23.86
1.4	QPSK	1	3	23.89	23.92	23.81
1.4	QPSK	1	5	23.81	23.88	23.63
1.4	QPSK	3	0	22.99	23.07	22.93
1.4	QPSK	3	1	23.06	23.03	22.98
1.4	QPSK	3	3	22.98	22.94	22.97
1.4	QPSK	6	0	22.87	22.89	22.86
1.4	16QAM	1	0	22.96	22.86	22.82
1.4	16QAM	1	3	22.95	23.13	22.99
1.4	16QAM	1	5	22.92	22.93	22.85
1.4	16QAM	3	0	21.91	21.82	21.79
1.4	16QAM	3	1	21.83	21.79	21.76
1.4	16QAM	3	3	21.91	21.87	21.82
1.4	16QAM	6	0	21.95	21.81	21.78
1.4	64QAM	1	0	21.97	22.04	21.93
1.4	64QAM	1	3	21.84	21.82	21.88
1.4	64QAM	1	5	21.99	21.79	21.95
1.4	64QAM	3	0	21.94	21.87	21.82
1.4	64QAM	3	1	22.02	21.82	21.87
1.4	64QAM	3	3	21.86	21.87	21.82
1.4	64QAM	6	0	21.87	21.84	21.86
1.4	256QAM	1	0	18.01	18.08	17.97
1.4	256QAM	1	3	17.88	17.86	17.92
1.4	256QAM	1	5	18.03	17.83	17.99
1.4	256QAM	3	0	17.98	17.91	17.86
1.4	256QAM	3	1	18.06	17.86	17.91
1.4	256QAM	3	3	17.90	17.91	17.86
1.4	256QAM	6	0	17.91	17.88	17.90



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	23.08	23.14	23.10
20	QPSK	1	49	23.00	23.07	23.12
20	QPSK	1	99	23.11	23.12	23.13
20	QPSK	50	0	22.21	22.34	22.33
20	QPSK	50	24	22.28	22.33	22.32
20	QPSK	50	50	22.31	22.30	22.32
20	QPSK	100	0	22.36	22.37	22.29
20	16QAM	1	0	22.22	22.16	22.21
20	16QAM	1	49	22.29	22.28	22.20
20	16QAM	1	99	22.30	22.35	22.31
20	16QAM	50	0	21.20	21.35	21.41
20	16QAM	50	24	21.24	21.29	21.21
20	16QAM	50	50	21.23	21.34	21.19
20	16QAM	100	0	21.22	21.27	21.32
20	64QAM	1	0	21.25	21.29	21.33
20	64QAM	1	49	21.29	21.35	21.10
20	64QAM	1	99	21.24	21.11	21.01
20	64QAM	50	0	21.21	21.25	21.29
20	64QAM	50	24	21.21	21.34	21.13
20	64QAM	50	50	21.18	21.33	21.27
20	64QAM	100	0	21.26	21.25	21.15
20	256QAM	1	0	17.29	17.33	17.37
20	256QAM	1	49	17.33	17.39	17.14
20	256QAM	1	99	17.28	17.15	17.05
20	256QAM	50	0	17.25	17.29	17.33
20	256QAM	50	24	17.25	17.38	17.17
20	256QAM	50	50	17.22	17.37	17.31
20	256QAM	100	0	17.30	17.29	17.19



LTE Band 7						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20825	21100	21375
Frequency (MHz)				2507.5	2535	2562.5
15	QPSK	1	0	23.04	23.10	23.06
15	QPSK	1	37	22.96	23.03	23.08
15	QPSK	1	74	23.07	23.08	23.09
15	QPSK	36	0	22.17	22.30	22.29
15	QPSK	36	20	22.24	22.29	22.28
15	QPSK	36	39	22.27	22.26	22.28
15	QPSK	75	0	22.32	22.33	22.25
15	16QAM	1	0	22.18	22.12	22.17
15	16QAM	1	37	22.25	22.24	22.16
15	16QAM	1	74	22.26	22.31	22.27
15	16QAM	36	0	21.16	21.31	21.37
15	16QAM	36	20	21.20	21.25	21.17
15	16QAM	36	39	21.19	21.30	21.15
15	16QAM	75	0	21.18	21.23	21.28
15	64QAM	1	0	21.21	21.25	21.29
15	64QAM	1	37	21.25	21.31	21.06
15	64QAM	1	74	21.20	21.07	20.97
15	64QAM	36	0	21.17	21.21	21.25
15	64QAM	36	20	21.17	21.30	21.09
15	64QAM	36	39	21.14	21.29	21.23
15	64QAM	75	0	21.22	21.21	21.11
15	256QAM	1	0	17.25	17.29	17.33
15	256QAM	1	37	17.29	17.35	17.10
15	256QAM	1	74	17.24	17.11	17.01
15	256QAM	36	0	17.21	17.25	17.29
15	256QAM	36	20	17.21	17.34	17.13
15	256QAM	36	39	17.18	17.33	17.27
15	256QAM	75	0	17.26	17.25	17.15



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	23.00	23.06	23.02
10	QPSK	1	25	22.92	22.99	23.04
10	QPSK	1	49	23.03	23.04	23.05
10	QPSK	25	0	22.13	22.26	22.25
10	QPSK	25	12	22.20	22.25	22.24
10	QPSK	25	25	22.23	22.22	22.24
10	QPSK	50	0	22.28	22.29	22.21
10	16QAM	1	0	22.14	22.08	22.13
10	16QAM	1	25	22.21	22.20	22.12
10	16QAM	1	49	22.22	22.27	22.23
10	16QAM	25	0	21.12	21.27	21.33
10	16QAM	25	12	21.16	21.21	21.13
10	16QAM	25	25	21.15	21.26	21.11
10	16QAM	50	0	21.14	21.19	21.24
10	64QAM	1	0	21.17	21.21	21.25
10	64QAM	1	25	21.21	21.27	21.02
10	64QAM	1	49	21.16	21.03	20.93
10	64QAM	25	0	21.13	21.17	21.21
10	64QAM	25	12	21.13	21.26	21.05
10	64QAM	25	25	21.10	21.25	21.19
10	64QAM	50	0	21.18	21.17	21.07
10	256QAM	1	0	17.21	17.25	17.29
10	256QAM	1	25	17.25	17.31	17.06
10	256QAM	1	49	17.20	17.07	16.97
10	256QAM	25	0	17.17	17.21	17.25
10	256QAM	25	12	17.17	17.30	17.09
10	256QAM	25	25	17.14	17.29	17.23
10	256QAM	50	0	17.22	17.21	17.11



LTE Band 7						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20775	21100	21425
Frequency (MHz)				2502.5	2535	2567.5
5	QPSK	1	0	22.95	23.01	22.97
5	QPSK	1	12	22.87	22.94	22.99
5	QPSK	1	24	22.98	22.99	23.00
5	QPSK	12	0	22.08	22.21	22.20
5	QPSK	12	7	22.15	22.20	22.19
5	QPSK	12	13	22.18	22.17	22.19
5	QPSK	25	0	22.23	22.24	22.16
5	16QAM	1	0	22.09	22.03	22.08
5	16QAM	1	12	22.16	22.15	22.07
5	16QAM	1	24	22.17	22.22	22.18
5	16QAM	12	0	21.07	21.22	21.28
5	16QAM	12	7	21.11	21.16	21.08
5	16QAM	12	13	21.10	21.21	21.06
5	16QAM	25	0	21.09	21.14	21.19
5	64QAM	1	0	21.12	21.16	21.20
5	64QAM	1	12	21.16	21.22	20.97
5	64QAM	1	24	21.11	20.98	20.88
5	64QAM	12	0	21.08	21.12	21.16
5	64QAM	12	7	21.08	21.21	21.00
5	64QAM	12	13	21.05	21.20	21.14
5	64QAM	25	0	21.13	21.12	21.02
5	256QAM	1	0	17.16	17.20	17.24
5	256QAM	1	12	17.20	17.26	17.01
5	256QAM	1	24	17.15	17.02	16.92
5	256QAM	12	0	17.12	17.16	17.20
5	256QAM	12	7	17.12	17.25	17.04
5	256QAM	12	13	17.09	17.24	17.18
5	256QAM	25	0	17.17	17.16	17.06



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	24.11	24.16	24.04
10	QPSK	1	25	24.04	24.07	24.08
10	QPSK	1	49	23.94	24.09	24.11
10	QPSK	25	0	23.10	23.15	23.14
10	QPSK	25	12	23.12	23.03	23.10
10	QPSK	25	25	23.12	23.07	23.04
10	QPSK	50	0	23.06	23.05	23.11
10	16QAM	1	0	23.30	23.27	23.14
10	16QAM	1	25	23.05	23.12	23.12
10	16QAM	1	49	23.10	23.05	23.16
10	16QAM	25	0	22.08	22.10	22.21
10	16QAM	25	12	22.06	22.11	22.08
10	16QAM	25	25	22.18	22.15	22.17
10	16QAM	50	0	22.22	22.16	22.13
10	64QAM	1	0	22.22	22.17	22.07
10	64QAM	1	25	22.28	22.23	22.21
10	64QAM	1	49	22.34	22.36	22.30
10	64QAM	25	0	22.06	22.26	22.10
10	64QAM	25	12	22.13	22.19	22.21
10	64QAM	25	25	22.08	22.15	22.09
10	64QAM	50	0	22.12	22.10	22.13
10	256QAM	1	0	18.06	18.01	17.91
10	256QAM	1	25	18.12	18.07	18.05
10	256QAM	1	49	18.18	18.20	18.14
10	256QAM	25	0	17.90	18.10	17.94
10	256QAM	25	12	17.97	18.03	18.05
10	256QAM	25	25	17.92	17.99	17.93
10	256QAM	50	0	17.96	17.94	17.97



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	24.05	24.10	23.98
5	QPSK	1	12	23.98	24.01	24.02
5	QPSK	1	24	23.88	24.03	24.05
5	QPSK	12	0	23.04	23.09	23.08
5	QPSK	12	7	23.06	22.97	23.04
5	QPSK	12	13	23.06	23.01	22.98
5	QPSK	25	0	23.00	22.99	23.05
5	16QAM	1	0	23.24	23.21	23.08
5	16QAM	1	12	22.99	23.06	23.06
5	16QAM	1	24	23.04	22.99	23.10
5	16QAM	12	0	22.02	22.04	22.15
5	16QAM	12	7	22.00	22.05	22.02
5	16QAM	12	13	22.12	22.09	22.11
5	16QAM	25	0	22.16	22.10	22.07
5	64QAM	1	0	22.16	22.11	22.01
5	64QAM	1	12	22.22	22.17	22.15
5	64QAM	1	24	22.28	22.30	22.24
5	64QAM	12	0	22.00	22.20	22.04
5	64QAM	12	7	22.07	22.13	22.15
5	64QAM	12	13	22.02	22.09	22.03
5	64QAM	25	0	22.06	22.04	22.07
5	256QAM	1	0	18.00	17.95	17.85
5	256QAM	1	12	18.06	18.01	17.99
5	256QAM	1	24	18.12	18.14	18.08
5	256QAM	12	0	17.84	18.04	17.88
5	256QAM	12	7	17.91	17.97	17.99
5	256QAM	12	13	17.86	17.93	17.87
5	256QAM	25	0	17.90	17.88	17.91



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				23025	23095	23165
Frequency (MHz)				700.5	707.5	714.5
3	QPSK	1	0	24.00	24.05	23.93
3	QPSK	1	8	23.93	23.96	23.97
3	QPSK	1	14	23.83	23.98	24.00
3	QPSK	8	0	22.99	23.04	23.03
3	QPSK	8	4	23.01	22.92	22.99
3	QPSK	8	7	23.01	22.96	22.93
3	QPSK	15	0	22.95	22.94	23.00
3	16QAM	1	0	23.19	23.16	23.03
3	16QAM	1	8	22.94	23.01	23.01
3	16QAM	1	14	22.99	22.94	23.05
3	16QAM	8	0	21.97	21.99	22.10
3	16QAM	8	4	21.95	22.00	21.97
3	16QAM	8	7	22.07	22.04	22.06
3	16QAM	15	0	22.11	22.05	22.02
3	64QAM	1	0	22.11	22.06	21.96
3	64QAM	1	8	22.17	22.12	22.10
3	64QAM	1	14	22.23	22.25	22.19
3	64QAM	8	0	21.95	22.15	21.99
3	64QAM	8	4	22.02	22.08	22.10
3	64QAM	8	7	21.97	22.04	21.98
3	64QAM	15	0	22.01	21.99	22.02
3	256QAM	1	0	17.95	17.90	17.80
3	256QAM	1	8	18.01	17.96	17.94
3	256QAM	1	14	18.07	18.09	18.03
3	256QAM	8	0	17.79	17.99	17.83
3	256QAM	8	4	17.86	17.92	17.94
3	256QAM	8	7	17.81	17.88	17.82
3	256QAM	15	0	17.85	17.83	17.86



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	23.95	24.00	23.88
1.4	QPSK	1	3	23.88	23.91	23.92
1.4	QPSK	1	5	23.78	23.93	23.95
1.4	QPSK	3	0	22.94	22.99	22.98
1.4	QPSK	3	1	22.96	22.87	22.94
1.4	QPSK	3	3	22.96	22.91	22.88
1.4	QPSK	6	0	22.90	22.89	22.95
1.4	16QAM	1	0	23.14	23.11	22.98
1.4	16QAM	1	3	22.89	22.96	22.96
1.4	16QAM	1	5	22.94	22.89	23.00
1.4	16QAM	3	0	21.92	21.94	22.05
1.4	16QAM	3	1	21.90	21.95	21.92
1.4	16QAM	3	3	22.02	21.99	22.01
1.4	16QAM	6	0	22.06	22.00	21.97
1.4	64QAM	1	0	22.06	22.01	21.91
1.4	64QAM	1	3	22.12	22.07	22.05
1.4	64QAM	1	5	22.18	22.20	22.14
1.4	64QAM	3	0	21.90	22.10	21.94
1.4	64QAM	3	1	21.97	22.03	22.05
1.4	64QAM	3	3	21.92	21.99	21.93
1.4	64QAM	6	0	21.96	21.94	21.97
1.4	256QAM	1	0	17.90	17.85	17.75
1.4	256QAM	1	3	17.96	17.91	17.89
1.4	256QAM	1	5	18.02	18.04	17.98
1.4	256QAM	3	0	17.74	17.94	17.78
1.4	256QAM	3	1	17.81	17.87	17.89
1.4	256QAM	3	3	17.76	17.83	17.77
1.4	256QAM	6	0	17.80	17.78	17.81



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	/	23.15	/
10	QPSK	1	25	/	23.12	/
10	QPSK	1	49	/	23.02	/
10	QPSK	25	0	/	22.20	/
10	QPSK	25	12	/	22.12	/
10	QPSK	25	25	/	22.13	/
10	QPSK	50	0	/	22.14	/
10	16QAM	1	0	/	22.29	/
10	16QAM	1	25	/	22.26	/
10	16QAM	1	49	/	22.37	/
10	16QAM	25	0	/	21.23	/
10	16QAM	25	12	/	21.23	/
10	16QAM	25	25	/	21.15	/
10	16QAM	50	0	/	21.19	/
10	64QAM	1	0	/	21.31	/
10	64QAM	1	25	/	21.40	/
10	64QAM	1	49	/	21.34	/
10	64QAM	25	0	/	21.21	/
10	64QAM	25	12	/	21.18	/
10	64QAM	25	25	/	21.22	/
10	64QAM	50	0	/	21.13	/
10	256QAM	1	0	/	18.20	/
10	256QAM	1	25	/	18.29	/
10	256QAM	1	49	/	18.23	/
10	256QAM	25	0	/	18.10	/
10	256QAM	25	12	/	18.07	/
10	256QAM	25	25	/	18.11	/
10	256QAM	50	0	/	18.02	/



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	23.09	23.10	23.07
5	QPSK	1	12	23.04	23.00	23.06
5	QPSK	1	24	22.91	22.88	22.97
5	QPSK	12	0	22.14	22.10	22.11
5	QPSK	12	7	22.09	22.06	22.09
5	QPSK	12	13	22.08	22.06	22.00
5	QPSK	25	0	22.00	22.06	22.00
5	16QAM	1	0	22.23	22.24	22.23
5	16QAM	1	12	22.14	22.20	22.14
5	16QAM	1	24	22.27	22.24	22.25
5	16QAM	12	0	21.14	21.15	21.17
5	16QAM	12	7	21.10	21.11	21.13
5	16QAM	12	13	21.03	21.06	21.09
5	16QAM	25	0	21.12	21.05	21.12
5	64QAM	1	0	21.25	21.19	21.25
5	64QAM	1	12	21.27	21.32	21.34
5	64QAM	1	24	21.20	21.23	21.20
5	64QAM	12	0	21.16	21.16	21.07
5	64QAM	12	7	21.09	21.04	21.11
5	64QAM	12	13	21.16	21.14	21.11
5	64QAM	25	0	21.03	21.06	21.05
5	256QAM	1	0	18.06	18.08	18.14
5	256QAM	1	12	18.20	18.18	18.19
5	256QAM	1	24	18.12	18.09	18.09
5	256QAM	12	0	17.98	18.00	17.96
5	256QAM	12	7	17.97	18.01	17.99
5	256QAM	12	13	18.03	18.05	18.03
5	256QAM	25	0	17.94	17.97	17.94



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	24.00	24.05	23.93
10	QPSK	1	25	23.93	23.96	23.97
10	QPSK	1	49	23.83	23.98	24.00
10	QPSK	25	0	22.99	23.04	23.03
10	QPSK	25	12	23.01	22.92	22.99
10	QPSK	25	25	23.01	22.96	22.93
10	QPSK	50	0	22.95	22.94	23.00
10	16QAM	1	0	23.19	23.16	23.03
10	16QAM	1	25	22.94	23.01	23.01
10	16QAM	1	49	22.99	22.94	23.05
10	16QAM	25	0	21.97	21.99	22.10
10	16QAM	25	12	21.95	22.00	21.97
10	16QAM	25	25	22.07	22.04	22.06
10	16QAM	50	0	22.11	22.05	22.02
10	64QAM	1	0	22.11	22.06	21.96
10	64QAM	1	25	22.17	22.12	22.10
10	64QAM	1	49	22.23	22.25	22.19
10	64QAM	25	0	21.95	22.15	21.99
10	64QAM	25	12	22.02	22.08	22.10
10	64QAM	25	25	21.97	22.04	21.98
10	64QAM	50	0	22.01	21.99	22.02
10	256QAM	1	0	17.95	17.90	17.80
10	256QAM	1	25	18.01	17.96	17.94
10	256QAM	1	49	18.07	18.09	18.03
10	256QAM	25	0	17.79	17.99	17.83
10	256QAM	25	12	17.86	17.92	17.94
10	256QAM	25	25	17.81	17.88	17.82
10	256QAM	50	0	17.85	17.83	17.86



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	23.94	23.99	23.87
5	QPSK	1	12	23.87	23.90	23.91
5	QPSK	1	24	23.77	23.92	23.94
5	QPSK	12	0	22.93	22.98	22.97
5	QPSK	12	7	22.95	22.86	22.93
5	QPSK	12	13	22.95	22.90	22.87
5	QPSK	25	0	22.89	22.88	22.94
5	16QAM	1	0	23.13	23.10	22.97
5	16QAM	1	12	22.88	22.95	22.95
5	16QAM	1	24	22.93	22.88	22.99
5	16QAM	12	0	21.91	21.93	22.04
5	16QAM	12	7	21.89	21.94	21.91
5	16QAM	12	13	22.01	21.98	22.00
5	16QAM	25	0	22.05	21.99	21.96
5	64QAM	1	0	22.05	22.00	21.90
5	64QAM	1	12	22.11	22.06	22.04
5	64QAM	1	24	22.17	22.19	22.13
5	64QAM	12	0	21.89	22.09	21.93
5	64QAM	12	7	21.96	22.02	22.04
5	64QAM	12	13	21.91	21.98	21.92
5	64QAM	25	0	21.95	21.93	21.96
5	256QAM	1	0	17.89	17.84	17.74
5	256QAM	1	12	17.95	17.90	17.88
5	256QAM	1	24	18.01	18.03	17.97
5	256QAM	12	0	17.73	17.93	17.77
5	256QAM	12	7	17.80	17.86	17.88
5	256QAM	12	13	17.75	17.82	17.76
5	256QAM	25	0	17.79	17.77	17.80



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	/	23.14	/
15	QPSK	1	37	/	23.13	/
15	QPSK	1	74	/	23.10	/
15	QPSK	36	0	/	22.23	/
15	QPSK	36	20	/	22.18	/
15	QPSK	36	39	/	22.14	/
15	QPSK	75	0	/	22.19	/
15	16QAM	1	0	/	22.49	/
15	16QAM	1	37	/	22.21	/
15	16QAM	1	74	/	22.35	/
15	16QAM	36	0	/	21.26	/
15	16QAM	36	20	/	21.30	/
15	16QAM	36	39	/	21.24	/
15	16QAM	75	0	/	21.19	/
15	64QAM	1	0	/	21.39	/
15	64QAM	1	25	/	21.47	/
15	64QAM	1	49	/	21.27	/
15	64QAM	25	0	/	21.28	/
15	64QAM	25	12	/	21.22	/
15	64QAM	25	25	/	21.26	/
15	64QAM	50	0	/	21.15	/
15	256QAM	1	0	/	17.40	/
15	256QAM	1	25	/	17.48	/
15	256QAM	1	49	/	17.28	/
15	256QAM	25	0	/	17.29	/
15	256QAM	25	12	/	17.23	/
15	256QAM	25	25	/	17.27	/
15	256QAM	50	0	/	17.16	/



LTE Band 19						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				24050	24075	24100
Frequency (MHz)				835	837.5	840
10	QPSK	1	0	23.07	23.09	22.94
10	QPSK	1	25	23.06	23.08	23.04
10	QPSK	1	49	22.97	23.05	23.07
10	QPSK	25	0	22.17	22.18	22.16
10	QPSK	25	12	22.14	22.13	22.13
10	QPSK	25	25	22.15	22.09	22.10
10	QPSK	50	0	22.16	22.14	22.14
10	16QAM	1	0	22.28	22.44	22.11
10	16QAM	1	25	22.10	22.16	22.21
10	16QAM	1	49	22.24	22.30	22.32
10	16QAM	25	0	21.17	21.21	21.09
10	16QAM	25	12	21.23	21.25	21.24
10	16QAM	25	25	21.25	21.19	21.18
10	16QAM	50	0	21.10	21.14	21.15
10	64QAM	1	0	21.15	21.34	21.23
10	64QAM	1	25	21.38	21.42	21.29
10	64QAM	1	49	21.23	21.22	21.20
10	64QAM	25	0	21.11	21.23	21.12
10	64QAM	25	12	21.10	21.17	21.14
10	64QAM	25	25	21.18	21.21	21.17
10	64QAM	50	0	21.14	21.10	21.15
10	256QAM	1	0	17.16	17.35	17.24
10	256QAM	1	25	17.39	17.43	17.30
10	256QAM	1	49	17.24	17.23	17.21
10	256QAM	25	0	17.12	17.24	17.13
10	256QAM	25	12	17.11	17.18	17.15
10	256QAM	25	25	17.19	17.22	17.18
10	256QAM	50	0	17.15	17.11	17.16



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	23.01	23.03	22.88
5	QPSK	1	12	23.00	23.02	22.98
5	QPSK	1	24	22.91	22.99	23.01
5	QPSK	12	0	22.11	22.12	22.10
5	QPSK	12	7	22.08	22.07	22.07
5	QPSK	12	13	22.09	22.03	22.04
5	QPSK	25	0	22.10	22.08	22.08
5	16QAM	1	0	22.22	22.38	22.05
5	16QAM	1	12	22.04	22.10	22.15
5	16QAM	1	24	22.18	22.24	22.26
5	16QAM	12	0	21.11	21.15	21.03
5	16QAM	12	7	21.17	21.19	21.18
5	16QAM	12	13	21.19	21.13	21.12
5	16QAM	25	0	21.04	21.08	21.09
5	64QAM	1	0	21.09	21.28	21.17
5	64QAM	1	12	21.32	21.36	21.23
5	64QAM	1	24	21.17	21.16	21.14
5	64QAM	12	0	21.05	21.17	21.06
5	64QAM	12	7	21.04	21.11	21.08
5	64QAM	12	13	21.12	21.15	21.11
5	64QAM	25	0	21.08	21.04	21.09
5	256QAM	1	0	17.10	17.29	17.18
5	256QAM	1	12	17.33	17.37	17.24
5	256QAM	1	24	17.18	17.17	17.15
5	256QAM	12	0	17.06	17.18	17.07
5	256QAM	12	7	17.05	17.12	17.09
5	256QAM	12	13	17.13	17.16	17.12
5	256QAM	25	0	17.09	17.05	17.10



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	23.03	23.09	23.01
20	QPSK	1	49	22.90	22.87	22.84
20	QPSK	1	99	22.88	22.79	22.77
20	QPSK	50	0	22.05	22.06	22.03
20	QPSK	50	24	22.02	21.98	22.00
20	QPSK	50	50	22.01	21.92	21.94
20	QPSK	100	0	22.00	22.01	22.00
20	16QAM	1	0	21.93	21.93	21.95
20	16QAM	1	49	22.02	21.99	21.98
20	16QAM	1	99	21.84	21.96	21.97
20	16QAM	50	0	21.05	20.90	20.91
20	16QAM	50	24	20.95	20.94	20.84
20	16QAM	50	50	20.90	20.88	20.89
20	16QAM	100	0	20.89	20.98	20.88
20	64QAM	1	0	20.96	20.97	20.90
20	64QAM	1	49	20.91	20.93	21.00
20	64QAM	1	99	20.98	20.95	20.93
20	64QAM	50	0	20.94	20.89	20.92
20	64QAM	50	24	20.94	21.00	20.91
20	64QAM	50	50	20.85	20.91	20.85
20	64QAM	100	0	21.00	20.99	20.79
20	256QAM	1	0	17.03	17.04	16.97
20	256QAM	1	49	16.98	17.00	17.07
20	256QAM	1	99	17.05	17.02	17.00
20	256QAM	50	0	17.01	16.96	16.99
20	256QAM	50	24	17.01	17.07	16.98
20	256QAM	50	50	16.92	16.98	16.92
20	256QAM	100	0	17.07	17.06	16.86



LTE Band 25						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26115	26365	26615
Frequency (MHz)				1857.5	1882.5	1907.5
15	QPSK	1	0	22.98	23.04	22.96
15	QPSK	1	37	22.85	22.82	22.79
15	QPSK	1	74	22.83	22.74	22.72
15	QPSK	36	0	22.00	22.01	21.98
15	QPSK	36	20	21.97	21.93	21.95
15	QPSK	36	39	21.96	21.87	21.89
15	QPSK	75	0	21.95	21.96	21.95
15	16QAM	1	0	21.88	21.88	21.90
15	16QAM	1	37	21.97	21.94	21.93
15	16QAM	1	74	21.79	21.91	21.92
15	16QAM	36	0	21.00	20.85	20.86
15	16QAM	36	20	20.90	20.89	20.79
15	16QAM	36	39	20.85	20.83	20.84
15	16QAM	75	0	20.84	20.93	20.83
15	64QAM	1	0	20.91	20.92	20.85
15	64QAM	1	37	20.86	20.88	20.95
15	64QAM	1	74	20.93	20.90	20.88
15	64QAM	36	0	20.89	20.84	20.87
15	64QAM	36	20	20.89	20.95	20.86
15	64QAM	36	39	20.80	20.86	20.80
15	64QAM	75	0	20.95	20.94	20.74
15	256QAM	1	0	16.98	16.99	16.92
15	256QAM	1	37	16.93	16.95	17.02
15	256QAM	1	74	17.00	16.97	16.95
15	256QAM	36	0	16.96	16.91	16.94
15	256QAM	36	20	16.96	17.02	16.93
15	256QAM	36	39	16.87	16.93	16.87
15	256QAM	75	0	17.02	17.01	16.81



LTE Band 25						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26090	26365	26640
Frequency (MHz)				1855	1882.5	1910
10	QPSK	1	0	22.92	22.98	22.90
10	QPSK	1	25	22.79	22.76	22.73
10	QPSK	1	49	22.77	22.68	22.66
10	QPSK	25	0	21.94	21.95	21.92
10	QPSK	25	12	21.91	21.87	21.89
10	QPSK	25	25	21.90	21.81	21.83
10	QPSK	50	0	21.89	21.90	21.89
10	16QAM	1	0	21.82	21.82	21.84
10	16QAM	1	25	21.91	21.88	21.87
10	16QAM	1	49	21.73	21.85	21.86
10	16QAM	25	0	20.94	20.79	20.80
10	16QAM	25	12	20.84	20.83	20.73
10	16QAM	25	25	20.79	20.77	20.78
10	16QAM	50	0	20.78	20.87	20.77
10	64QAM	1	0	20.85	20.86	20.79
10	64QAM	1	25	20.80	20.82	20.89
10	64QAM	1	49	20.87	20.84	20.82
10	64QAM	25	0	20.83	20.78	20.81
10	64QAM	25	12	20.83	20.89	20.80
10	64QAM	25	25	20.74	20.80	20.74
10	64QAM	50	0	20.89	20.88	20.68
10	256QAM	1	0	16.92	16.93	16.86
10	256QAM	1	25	16.87	16.89	16.96
10	256QAM	1	49	16.94	16.91	16.89
10	256QAM	25	0	16.90	16.85	16.88
10	256QAM	25	12	16.90	16.96	16.87
10	256QAM	25	25	16.81	16.87	16.81
10	256QAM	50	0	16.96	16.95	16.75



LTE Band 25						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26065	26365	26665
Frequency (MHz)				1852.5	1882.5	1912.5
5	QPSK	1	0	22.88	22.94	22.86
5	QPSK	1	12	22.75	22.72	22.69
5	QPSK	1	24	22.73	22.64	22.62
5	QPSK	12	0	21.90	21.91	21.88
5	QPSK	12	7	21.87	21.83	21.85
5	QPSK	12	13	21.86	21.77	21.79
5	QPSK	25	0	21.85	21.86	21.85
5	16QAM	1	0	21.78	21.78	21.80
5	16QAM	1	12	21.87	21.84	21.83
5	16QAM	1	24	21.69	21.81	21.82
5	16QAM	12	0	20.90	20.75	20.76
5	16QAM	12	7	20.80	20.79	20.69
5	16QAM	12	13	20.75	20.73	20.74
5	16QAM	25	0	20.74	20.83	20.73
5	64QAM	1	0	20.81	20.82	20.75
5	64QAM	1	12	20.76	20.78	20.85
5	64QAM	1	24	20.83	20.80	20.78
5	64QAM	12	0	20.79	20.74	20.77
5	64QAM	12	7	20.79	20.85	20.76
5	64QAM	12	13	20.70	20.76	20.70
5	64QAM	25	0	20.85	20.84	20.64
5	256QAM	1	0	16.88	16.89	16.82
5	256QAM	1	12	16.83	16.85	16.92
5	256QAM	1	24	16.90	16.87	16.85
5	256QAM	12	0	16.86	16.81	16.84
5	256QAM	12	7	16.86	16.92	16.83
5	256QAM	12	13	16.77	16.83	16.77
5	256QAM	25	0	16.92	16.91	16.71



LTE Band 25						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26055	26365	26675
Frequency (MHz)				1851.5	1882.5	1913.5
3	QPSK	1	0	22.86	22.92	22.84
3	QPSK	1	8	22.73	22.70	22.67
3	QPSK	1	14	22.71	22.62	22.60
3	QPSK	8	0	21.88	21.89	21.86
3	QPSK	8	4	21.85	21.81	21.83
3	QPSK	8	7	21.84	21.75	21.77
3	QPSK	15	0	21.83	21.84	21.83
3	16QAM	1	0	21.76	21.76	21.78
3	16QAM	1	8	21.85	21.82	21.81
3	16QAM	1	14	21.67	21.79	21.80
3	16QAM	8	0	20.88	20.73	20.74
3	16QAM	8	4	20.78	20.77	20.67
3	16QAM	8	7	20.73	20.71	20.72
3	16QAM	15	0	20.72	20.81	20.71
3	64QAM	1	0	20.79	20.80	20.73
3	64QAM	1	8	20.74	20.76	20.83
3	64QAM	1	14	20.81	20.78	20.76
3	64QAM	8	0	20.77	20.72	20.75
3	64QAM	8	4	20.77	20.83	20.74
3	64QAM	8	7	20.68	20.74	20.68
3	64QAM	15	0	20.83	20.82	20.62
3	256QAM	1	0	16.86	16.87	16.80
3	256QAM	1	8	16.81	16.83	16.90
3	256QAM	1	14	16.88	16.85	16.83
3	256QAM	8	0	16.84	16.79	16.82
3	256QAM	8	4	16.84	16.90	16.81
3	256QAM	8	7	16.75	16.81	16.75
3	256QAM	15	0	16.90	16.89	16.69



LTE Band 25						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26047	26365	26683
Frequency (MHz)				1850.7	1882.5	1914.3
1.4	QPSK	1	0	22.83	22.89	22.81
1.4	QPSK	1	3	22.70	22.67	22.64
1.4	QPSK	1	5	22.68	22.59	22.57
1.4	QPSK	3	0	21.85	21.86	21.83
1.4	QPSK	3	1	21.82	21.78	21.80
1.4	QPSK	3	3	21.81	21.72	21.74
1.4	QPSK	6	0	21.80	21.81	21.80
1.4	16QAM	1	0	21.73	21.73	21.75
1.4	16QAM	1	3	21.82	21.79	21.78
1.4	16QAM	1	5	21.64	21.76	21.77
1.4	16QAM	3	0	20.85	20.70	20.71
1.4	16QAM	3	1	20.75	20.74	20.64
1.4	16QAM	3	3	20.70	20.68	20.69
1.4	16QAM	6	0	20.69	20.78	20.68
1.4	64QAM	1	0	20.76	20.77	20.70
1.4	64QAM	1	3	20.71	20.73	20.80
1.4	64QAM	1	5	20.78	20.75	20.73
1.4	64QAM	3	0	20.74	20.69	20.72
1.4	64QAM	3	1	20.74	20.80	20.71
1.4	64QAM	3	3	20.65	20.71	20.65
1.4	64QAM	6	0	20.80	20.79	20.59
1.4	256QAM	1	0	16.83	16.84	16.77
1.4	256QAM	1	3	16.78	16.80	16.87
1.4	256QAM	1	5	16.85	16.82	16.80
1.4	256QAM	3	0	16.81	16.76	16.79
1.4	256QAM	3	1	16.81	16.87	16.78
1.4	256QAM	3	3	16.72	16.78	16.72
1.4	256QAM	6	0	16.87	16.86	16.66



LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26865	26915	26965
Frequency (MHz)				831.5	836.5	841.5
15	QPSK	1	0	22.38	22.16	22.54
15	QPSK	1	37	22.12	22.03	22.19
15	QPSK	1	74	22.19	21.83	22.19
15	QPSK	36	0	21.23	21.21	21.18
15	QPSK	36	20	21.45	21.44	21.29
15	QPSK	36	39	21.49	21.27	21.51
15	QPSK	75	0	21.24	21.23	21.24
15	16QAM	1	0	21.31	20.99	21.33
15	16QAM	1	37	21.40	21.29	21.36
15	16QAM	1	74	21.58	21.26	21.33
15	16QAM	36	0	20.20	20.25	20.46
15	16QAM	36	20	20.39	20.19	20.45
15	16QAM	36	39	20.48	20.38	20.16
15	16QAM	75	0	20.11	20.53	20.32
15	64QAM	1	0	19.47	19.96	20.28
15	64QAM	1	37	20.55	19.82	20.39
15	64QAM	1	74	20.00	20.10	19.84
15	64QAM	36	0	19.44	19.27	19.46
15	64QAM	36	20	19.57	19.55	19.42
15	64QAM	36	39	19.62	19.48	19.61
15	64QAM	75	0	19.37	19.59	19.44
15	256QAM	1	0	18.40	18.54	18.43
15	256QAM	1	37	18.42	18.44	18.63
15	256QAM	1	74	18.17	18.67	18.55
15	256QAM	36	0	17.76	17.88	17.89
15	256QAM	36	20	18.00	17.94	17.94
15	256QAM	36	39	17.96	17.97	17.88
15	256QAM	75	0	17.58	17.94	17.99



LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26840	26915	26990
Frequency (MHz)				829.0	836.5	844.0
10	QPSK	1	0	22.10	22.04	22.43
10	QPSK	1	25	22.18	22.37	22.27
10	QPSK	1	49	21.94	21.89	21.83
10	QPSK	25	0	21.23	21.48	21.48
10	QPSK	25	12	21.55	21.64	21.45
10	QPSK	25	25	21.38	21.48	21.31
10	QPSK	50	0	21.54	21.52	21.44
10	16QAM	1	0	21.34	21.62	21.54
10	16QAM	1	25	21.27	21.48	21.20
10	16QAM	1	49	21.26	21.05	21.70
10	16QAM	25	0	20.49	20.25	20.10
10	16QAM	25	12	20.12	20.05	20.43
10	16QAM	25	25	20.36	20.40	20.35
10	16QAM	50	0	20.38	20.35	20.25
10	64QAM	1	0	20.40	19.80	20.20
10	64QAM	1	25	20.11	20.03	19.84
10	64QAM	1	49	20.55	19.90	20.23
10	64QAM	25	0	19.62	19.63	19.36
10	64QAM	25	12	19.70	19.72	19.70
10	64QAM	25	25	19.68	19.53	19.66
10	64QAM	50	0	19.76	19.57	19.55
10	256QAM	1	0	18.50	18.30	18.51
10	256QAM	1	25	18.42	18.80	18.31
10	256QAM	1	49	18.71	18.48	18.61
10	256QAM	25	0	18.15	18.14	17.72
10	256QAM	25	12	18.30	18.21	18.05
10	256QAM	25	25	18.23	17.76	18.33
10	256QAM	50	0	18.09	18.45	17.72



LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26815	26915	27015
Frequency (MHz)				826.5	836.5	846.5
5	QPSK	1	0	22.36	22.23	22.09
5	QPSK	1	12	22.35	22.38	22.07
5	QPSK	1	24	22.14	22.18	21.94
5	QPSK	12	0	21.35	21.19	21.53
5	QPSK	12	7	21.47	21.31	21.52
5	QPSK	12	13	21.33	21.29	21.35
5	QPSK	25	0	21.21	21.42	21.04
5	16QAM	1	0	21.33	21.44	21.50
5	16QAM	1	12	21.42	21.34	21.35
5	16QAM	1	24	21.14	20.99	20.86
5	16QAM	12	0	20.36	20.30	20.15
5	16QAM	12	7	19.77	20.64	20.73
5	16QAM	12	13	20.55	20.49	20.23
5	16QAM	25	0	20.32	20.45	20.30
5	64QAM	1	0	20.21	19.97	20.05
5	64QAM	1	12	20.21	19.95	20.25
5	64QAM	1	24	21.03	20.25	20.13
5	64QAM	12	0	19.63	19.25	19.13
5	64QAM	12	7	19.66	19.91	19.71
5	64QAM	12	13	19.39	19.63	19.13
5	64QAM	25	0	19.60	19.48	19.13
5	256QAM	1	0	18.91	19.18	18.69
5	256QAM	1	12	19.31	18.71	18.68
5	256QAM	1	24	18.73	18.72	18.55
5	256QAM	12	0	17.93	17.98	18.06
5	256QAM	12	7	17.88	18.17	18.04
5	256QAM	12	13	17.64	18.09	17.62
5	256QAM	25	0	17.86	18.00	17.86



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	22.08	21.91	22.16
3	QPSK	1	8	21.99	21.95	22.14
3	QPSK	1	14	21.99	21.94	22.53
3	QPSK	8	0	21.38	21.09	21.26
3	QPSK	8	4	21.51	21.57	21.41
3	QPSK	8	7	21.39	21.42	21.29
3	QPSK	15	0	21.54	21.39	21.32
3	16QAM	1	0	21.28	21.54	21.26
3	16QAM	1	8	21.34	21.72	21.57
3	16QAM	1	14	21.07	21.65	21.42
3	16QAM	8	0	20.42	20.12	20.56
3	16QAM	8	4	20.28	20.48	20.74
3	16QAM	8	7	20.34	20.38	20.58
3	16QAM	15	0	20.50	20.47	20.19
3	64QAM	1	0	20.79	19.91	20.94
3	64QAM	1	8	20.14	20.29	20.11
3	64QAM	1	14	20.74	20.40	20.45
3	64QAM	8	0	19.58	19.60	19.68
3	64QAM	8	4	19.73	19.45	19.78
3	64QAM	8	7	19.48	19.43	19.45
3	64QAM	15	0	19.40	19.61	19.60
3	256QAM	1	0	18.97	18.90	19.33
3	256QAM	1	8	18.80	19.43	18.79
3	256QAM	1	14	18.57	18.71	19.43
3	256QAM	8	0	18.15	18.06	18.01
3	256QAM	8	4	18.27	18.01	18.10
3	256QAM	8	7	18.21	17.84	17.65
3	256QAM	15	0	17.65	17.64	18.07



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				26797	26915	27033
Frequency (MHz)				824.7	836.5	848.3
1.4	QPSK	1	0	22.00	22.01	22.11
1.4	QPSK	1	3	21.98	22.05	21.98
1.4	QPSK	1	5	22.20	22.09	22.14
1.4	QPSK	3	0	22.22	22.20	22.15
1.4	QPSK	3	1	22.01	22.07	21.97
1.4	QPSK	3	3	22.01	21.83	22.04
1.4	QPSK	6	0	21.37	21.36	21.18
1.4	16QAM	1	0	21.26	21.51	21.27
1.4	16QAM	1	3	20.94	21.23	21.34
1.4	16QAM	1	5	21.25	21.28	21.34
1.4	16QAM	3	0	21.13	20.94	21.06
1.4	16QAM	3	1	21.01	20.80	20.93
1.4	16QAM	3	3	20.94	21.09	21.15
1.4	16QAM	6	0	20.35	20.37	20.34
1.4	64QAM	1	0	20.16	19.95	20.83
1.4	64QAM	1	3	19.68	19.91	20.13
1.4	64QAM	1	5	19.84	19.92	20.43
1.4	64QAM	3	0	20.62	20.34	20.52
1.4	64QAM	3	1	20.41	20.37	20.33
1.4	64QAM	3	3	20.45	20.47	20.29
1.4	64QAM	6	0	19.10	19.30	19.17
1.4	256QAM	1	0	18.71	18.93	18.65
1.4	256QAM	1	3	18.43	18.43	19.00
1.4	256QAM	1	5	18.25	18.63	19.15
1.4	256QAM	3	0	18.97	18.66	18.61
1.4	256QAM	3	1	18.72	18.90	18.79
1.4	256QAM	3	3	18.71	18.86	18.64
1.4	256QAM	6	0	17.78	17.82	17.88



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				37850	38000	38150
Frequency (MHz)				2580	2595	2610
20	QPSK	1	0	23.19	23.23	23.21
20	QPSK	1	49	23.06	23.19	23.03
20	QPSK	1	99	23.18	23.15	22.97
20	QPSK	50	0	22.18	22.25	22.20
20	QPSK	50	24	22.21	22.22	22.08
20	QPSK	50	50	22.18	22.11	22.04
20	QPSK	100	0	22.21	22.24	22.11
20	16QAM	1	0	22.31	22.32	22.20
20	16QAM	1	49	22.21	22.24	22.28
20	16QAM	1	99	22.13	22.17	22.14
20	16QAM	50	0	21.18	21.25	21.06
20	16QAM	50	24	21.26	21.21	21.23
20	16QAM	50	50	21.08	21.13	21.06
20	16QAM	100	0	21.17	21.18	21.12
20	64QAM	1	0	21.22	21.29	21.20
20	64QAM	1	49	21.04	21.12	21.15
20	64QAM	1	99	21.11	21.13	21.14
20	64QAM	50	0	21.10	21.15	21.10
20	64QAM	50	24	21.14	21.10	21.06
20	64QAM	50	50	21.01	21.08	20.95
20	64QAM	100	0	20.93	21.11	20.97
20	256QAM	1	0	17.25	17.32	17.23
20	256QAM	1	49	17.07	17.15	17.18
20	256QAM	1	99	17.14	17.16	17.17
20	256QAM	50	0	17.13	17.18	17.13
20	256QAM	50	24	17.17	17.13	17.09
20	256QAM	50	50	17.04	17.11	16.98
20	256QAM	100	0	16.96	17.14	17.00



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	23.15	23.19	23.17
15	QPSK	1	37	23.02	23.15	22.99
15	QPSK	1	74	23.14	23.11	22.93
15	QPSK	36	0	22.14	22.21	22.16
15	QPSK	36	20	22.17	22.18	22.04
15	QPSK	36	39	22.14	22.07	22.00
15	QPSK	75	0	22.17	22.20	22.07
15	16QAM	1	0	22.27	22.28	22.16
15	16QAM	1	37	22.17	22.20	22.24
15	16QAM	1	74	22.09	22.13	22.10
15	16QAM	36	0	21.14	21.21	21.02
15	16QAM	36	20	21.22	21.17	21.19
15	16QAM	36	39	21.04	21.09	21.02
15	16QAM	75	0	21.13	21.14	21.08
15	64QAM	1	0	21.18	21.25	21.16
15	64QAM	1	37	21.00	21.08	21.11
15	64QAM	1	74	21.07	21.09	21.10
15	64QAM	36	0	21.06	21.11	21.06
15	64QAM	36	20	21.10	21.06	21.02
15	64QAM	36	39	20.97	21.04	20.91
15	64QAM	75	0	20.89	21.07	20.93
15	256QAM	1	0	17.21	17.28	17.19
15	256QAM	1	37	17.03	17.11	17.14
15	256QAM	1	74	17.10	17.12	17.13
15	256QAM	36	0	17.09	17.14	17.09
15	256QAM	36	20	17.13	17.09	17.05
15	256QAM	36	39	17.00	17.07	16.94
15	256QAM	75	0	16.92	17.10	16.96



LTE Band 38						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				37800	38000	38200
Frequency (MHz)				2575	2595	2615
10	QPSK	1	0	23.12	23.16	23.14
10	QPSK	1	25	22.99	23.12	22.96
10	QPSK	1	49	23.11	23.08	22.90
10	QPSK	25	0	22.11	22.18	22.13
10	QPSK	25	12	22.14	22.15	22.01
10	QPSK	25	25	22.11	22.04	21.97
10	QPSK	50	0	22.14	22.17	22.04
10	16QAM	1	0	22.24	22.25	22.13
10	16QAM	1	25	22.14	22.17	22.21
10	16QAM	1	49	22.06	22.10	22.07
10	16QAM	25	0	21.11	21.18	20.99
10	16QAM	25	12	21.19	21.14	21.16
10	16QAM	25	25	21.01	21.06	20.99
10	16QAM	50	0	21.10	21.11	21.05
10	64QAM	1	0	21.15	21.22	21.13
10	64QAM	1	25	21.07	21.05	21.08
10	64QAM	1	49	21.04	21.06	21.07
10	64QAM	25	0	21.03	21.08	21.03
10	64QAM	25	12	21.07	21.03	20.99
10	64QAM	25	25	20.94	21.01	20.88
10	64QAM	50	0	20.86	21.04	20.90
10	256QAM	1	0	17.18	17.25	17.16
10	256QAM	1	25	17.00	17.08	17.11
10	256QAM	1	49	17.07	17.09	17.10
10	256QAM	25	0	17.06	17.11	17.06
10	256QAM	25	12	17.10	17.06	17.02
10	256QAM	25	25	16.97	17.04	16.91
10	256QAM	50	0	16.89	17.07	16.93



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	23.09	23.13	23.11
5	QPSK	1	12	22.96	23.09	22.93
5	QPSK	1	24	23.08	23.05	22.87
5	QPSK	12	0	22.08	22.15	22.10
5	QPSK	12	7	22.11	22.12	21.98
5	QPSK	12	13	22.08	22.01	21.94
5	QPSK	25	0	22.11	22.14	22.01
5	16QAM	1	0	22.21	22.22	22.10
5	16QAM	1	12	22.11	22.14	22.18
5	16QAM	1	24	22.03	22.07	22.04
5	16QAM	12	0	21.08	21.15	20.96
5	16QAM	12	7	21.16	21.11	21.13
5	16QAM	12	13	20.98	21.03	20.96
5	16QAM	25	0	21.07	21.08	21.02
5	64QAM	1	0	21.12	21.19	21.10
5	64QAM	1	12	21.05	21.02	21.05
5	64QAM	1	24	21.01	21.03	21.04
5	64QAM	12	0	21.00	21.05	21.00
5	64QAM	12	7	21.04	21.00	20.96
5	64QAM	12	13	20.91	20.98	20.85
5	64QAM	25	0	20.83	21.01	20.87
5	256QAM	1	0	17.15	17.22	17.13
5	256QAM	1	12	16.97	17.05	17.08
5	256QAM	1	24	17.04	17.06	17.07
5	256QAM	12	0	17.03	17.08	17.03
5	256QAM	12	7	17.07	17.03	16.99
5	256QAM	12	13	16.94	17.01	16.88
5	256QAM	25	0	16.86	17.04	16.90



LTE Band 40 Block A						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				/	38750	/
Frequency (MHz)				/	2310	/
10	QPSK	1	0	/	23.09	/
10	QPSK	1	25	/	23.05	/
10	QPSK	1	49	/	22.87	/
10	QPSK	25	0	/	22.16	/
10	QPSK	25	12	/	22.03	/
10	QPSK	25	25	/	22.05	/
10	QPSK	50	0	/	22.12	/
10	16QAM	1	0	/	22.26	/
10	16QAM	1	25	/	22.06	/
10	16QAM	1	49	/	22.10	/
10	16QAM	25	0	/	21.14	/
10	16QAM	25	12	/	21.11	/
10	16QAM	25	25	/	21.20	/
10	16QAM	50	0	/	21.09	/
10	64QAM	1	0	/	21.16	/
10	64QAM	1	25	/	21.10	/
10	64QAM	1	49	/	21.28	/
10	64QAM	25	0	/	21.12	/
10	64QAM	25	12	/	21.03	/
10	64QAM	25	25	/	21.12	/
10	64QAM	50	0	/	21.10	/
10	256QAM	1	0	/	17.30	/
10	256QAM	1	25	/	17.24	/
10	256QAM	1	49	/	17.42	/
10	256QAM	25	0	/	17.31	/
10	256QAM	25	12	/	17.22	/
10	256QAM	25	25	/	17.31	/
10	256QAM	50	0	/	17.29	/



LTE Band 40 Block A						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				38725	38750	38775
Frequency (MHz)				2307.5	2310	2312.5
5	QPSK	1	0	22.92	23.01	22.99
5	QPSK	1	12	22.91	23.00	22.99
5	QPSK	1	24	22.88	22.85	22.89
5	QPSK	12	0	21.99	22.08	21.93
5	QPSK	12	7	22.06	22.01	22.07
5	QPSK	12	13	21.93	21.94	21.99
5	QPSK	25	0	21.95	21.91	22.02
5	16QAM	1	0	22.13	22.15	22.10
5	16QAM	1	12	21.98	21.95	21.98
5	16QAM	1	24	21.96	21.99	21.99
5	16QAM	12	0	20.96	21.03	20.97
5	16QAM	12	7	21.04	21.01	21.05
5	16QAM	12	13	21.06	21.07	21.13
5	16QAM	25	0	21.03	20.98	20.99
5	64QAM	1	0	21.10	21.13	21.00
5	64QAM	1	12	21.09	21.04	21.01
5	64QAM	1	24	21.17	21.24	21.14
5	64QAM	12	0	21.05	21.02	20.99
5	64QAM	12	7	20.97	20.95	20.92
5	64QAM	12	13	20.94	21.05	20.98
5	64QAM	25	0	20.88	20.97	20.99
5	256QAM	1	0	17.24	17.22	17.08
5	256QAM	1	12	17.25	17.14	17.05
5	256QAM	1	24	17.34	17.39	17.32
5	256QAM	12	0	17.25	17.19	17.18
5	256QAM	12	7	17.16	17.16	17.16
5	256QAM	12	13	17.16	17.20	17.24
5	256QAM	25	0	17.06	17.27	17.19



LTE Band 40 Block B						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				/	39200	/
Frequency (MHz)				/	2355	/
10	QPSK	1	0	/	23.15	/
10	QPSK	1	25	/	23.12	/
10	QPSK	1	49	/	23.10	/
10	QPSK	25	0	/	22.19	/
10	QPSK	25	12	/	22.14	/
10	QPSK	25	25	/	22.10	/
10	QPSK	50	0	/	22.17	/
10	16QAM	1	0	/	21.92	/
10	16QAM	1	25	/	22.29	/
10	16QAM	1	49	/	22.24	/
10	16QAM	25	0	/	21.18	/
10	16QAM	25	12	/	21.25	/
10	16QAM	25	25	/	21.20	/
10	16QAM	50	0	/	21.16	/
10	64QAM	1	0	/	21.13	/
10	64QAM	1	25	/	21.11	/
10	64QAM	1	49	/	21.27	/
10	64QAM	25	0	/	21.15	/
10	64QAM	25	12	/	21.23	/
10	64QAM	25	25	/	21.22	/
10	64QAM	50	0	/	21.17	/
10	256QAM	1	0	/	17.23	/
10	256QAM	1	25	/	17.21	/
10	256QAM	1	49	/	17.37	/
10	256QAM	25	0	/	17.25	/
10	256QAM	25	12	/	17.33	/
10	256QAM	25	25	/	17.32	/
10	256QAM	50	0	/	17.27	/



LTE Band 40 Block B						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39175	39200	39225
Frequency (MHz)				2352.5	2355	2357.5
5	QPSK	1	0	22.95	23.07	22.88
5	QPSK	1	12	22.89	22.96	22.90
5	QPSK	1	24	23.01	22.98	23.03
5	QPSK	12	0	22.01	21.91	22.11
5	QPSK	12	7	22.04	22.05	22.02
5	QPSK	12	13	22.06	22.11	22.05
5	QPSK	25	0	21.90	22.03	22.03
5	16QAM	1	0	22.03	21.82	22.05
5	16QAM	1	12	22.10	22.23	22.02
5	16QAM	1	24	22.15	22.10	21.99
5	16QAM	12	0	21.13	21.09	21.16
5	16QAM	12	7	21.01	21.14	21.17
5	16QAM	12	13	21.09	21.14	21.12
5	16QAM	25	0	20.98	21.01	21.02
5	64QAM	1	0	21.05	20.99	21.18
5	64QAM	1	12	21.02	20.97	21.04
5	64QAM	1	24	21.11	21.14	20.90
5	64QAM	12	0	21.02	20.99	21.03
5	64QAM	12	7	21.13	21.11	21.13
5	64QAM	12	13	21.08	21.10	21.12
5	64QAM	25	0	20.98	21.03	21.09
5	256QAM	1	0	17.15	17.12	17.26
5	256QAM	1	12	17.08	17.10	17.16
5	256QAM	1	24	17.24	17.30	17.07
5	256QAM	12	0	17.19	17.11	17.16
5	256QAM	12	7	17.17	17.24	17.20
5	256QAM	12	13	17.18	17.18	17.27
5	256QAM	25	0	17.07	17.19	17.18



LTE Band 41 (Power Class 3)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39750	40620	41490
Frequency (MHz)				2506	2593	2680
20	QPSK	1	0	23.05	23.15	23.08
20	QPSK	1	49	23.00	23.05	22.95
20	QPSK	1	99	23.01	22.97	22.90
20	QPSK	50	0	22.24	22.25	22.22
20	QPSK	50	24	22.20	22.11	21.93
20	QPSK	50	50	22.22	22.07	21.80
20	QPSK	100	0	22.21	22.12	21.90
20	16QAM	1	0	22.29	22.25	22.20
20	16QAM	1	49	22.22	22.19	22.15
20	16QAM	1	99	22.15	22.24	22.12
20	16QAM	50	0	21.30	21.12	20.97
20	16QAM	50	24	21.24	21.15	21.00
20	16QAM	50	50	21.21	21.00	20.96
20	16QAM	100	0	21.12	21.15	21.10
20	64QAM	1	0	21.20	21.18	21.12
20	64QAM	1	49	21.19	21.09	21.02
20	64QAM	1	99	21.13	21.13	21.07
20	64QAM	50	0	21.25	21.06	20.83
20	64QAM	50	24	21.15	21.09	21.01
20	64QAM	50	50	21.02	21.04	20.95
20	64QAM	100	0	21.21	21.20	21.10
20	256QAM	1	0	17.30	17.28	17.22
20	256QAM	1	49	17.29	17.19	17.12
20	256QAM	1	99	17.23	17.23	17.17
20	256QAM	50	0	17.35	17.16	17.13
20	256QAM	50	24	17.25	17.19	17.21
20	256QAM	50	50	17.22	17.20	17.15
20	256QAM	100	0	17.31	17.30	17.25



LTE Band 41 (Power Class 3)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39725	40620	41515
Frequency (MHz)				2503.5	2593	2682.5
15	QPSK	1	0	23.02	23.12	23.05
15	QPSK	1	37	22.97	23.02	22.92
15	QPSK	1	74	22.98	22.94	22.87
15	QPSK	36	0	22.21	22.22	22.19
15	QPSK	36	20	22.17	22.08	21.90
15	QPSK	36	39	22.19	22.04	21.77
15	QPSK	75	0	22.18	22.09	21.87
15	16QAM	1	0	22.26	22.22	22.17
15	16QAM	1	37	22.19	22.16	22.12
15	16QAM	1	74	22.12	22.21	22.09
15	16QAM	36	0	21.27	21.09	20.94
15	16QAM	36	20	21.21	21.12	20.97
15	16QAM	36	39	21.18	20.97	20.93
15	16QAM	75	0	21.09	21.12	21.07
15	64QAM	1	0	21.17	21.15	21.09
15	64QAM	1	37	21.16	21.06	20.99
15	64QAM	1	74	21.10	21.10	21.04
15	64QAM	36	0	21.22	21.03	20.80
15	64QAM	36	20	21.12	21.06	20.98
15	64QAM	36	39	20.99	21.01	20.92
15	64QAM	75	0	21.18	21.17	21.07
15	256QAM	1	0	17.27	17.25	17.19
15	256QAM	1	37	17.26	17.16	17.09
15	256QAM	1	74	17.20	17.20	17.14
15	256QAM	36	0	17.32	17.13	17.10
15	256QAM	36	20	17.22	17.16	17.18
15	256QAM	36	39	17.19	17.17	17.12
15	256QAM	75	0	17.28	17.27	17.22



LTE Band 41 (Power Class 3)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39700	40620	41540
Frequency (MHz)				2501	2593	2685
10	QPSK	1	0	23.00	23.10	23.03
10	QPSK	1	25	22.95	23.00	22.90
10	QPSK	1	49	22.96	22.92	22.85
10	QPSK	25	0	22.19	22.20	22.17
10	QPSK	25	12	22.15	22.06	21.88
10	QPSK	25	25	22.17	22.02	21.75
10	QPSK	50	0	22.16	22.07	21.85
10	16QAM	1	0	22.24	22.20	22.15
10	16QAM	1	25	22.17	22.14	22.10
10	16QAM	1	49	22.10	22.19	22.07
10	16QAM	25	0	21.25	21.07	20.92
10	16QAM	25	12	21.19	21.10	20.95
10	16QAM	25	25	21.16	20.95	20.91
10	16QAM	50	0	21.07	21.10	21.05
10	64QAM	1	0	21.15	21.13	21.07
10	64QAM	1	25	21.14	21.04	20.97
10	64QAM	1	49	21.08	21.08	21.02
10	64QAM	25	0	21.20	21.01	20.78
10	64QAM	25	12	21.10	21.04	20.96
10	64QAM	25	25	20.97	20.99	20.90
10	64QAM	50	0	21.16	21.15	21.05
10	256QAM	1	0	17.25	17.23	17.17
10	256QAM	1	25	17.24	17.14	17.07
10	256QAM	1	49	17.18	17.18	17.12
10	256QAM	25	0	17.30	17.11	17.08
10	256QAM	25	12	17.20	17.14	17.16
10	256QAM	25	25	17.17	17.15	17.10
10	256QAM	50	0	17.26	17.25	17.20



LTE Band 41 (Power Class 3)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39675	40620	41565
Frequency (MHz)				2498.5	2593	2687.5
5	QPSK	1	0	22.96	23.06	22.99
5	QPSK	1	12	22.91	22.96	22.86
5	QPSK	1	24	22.92	22.88	22.81
5	QPSK	12	0	22.15	22.16	22.13
5	QPSK	12	7	22.11	22.02	21.84
5	QPSK	12	13	22.13	21.98	21.71
5	QPSK	25	0	22.12	22.03	21.81
5	16QAM	1	0	22.20	22.16	22.11
5	16QAM	1	12	22.13	22.10	22.06
5	16QAM	1	24	22.06	22.15	22.03
5	16QAM	12	0	21.21	21.03	20.88
5	16QAM	12	7	21.15	21.06	20.91
5	16QAM	12	13	21.12	20.91	20.87
5	16QAM	25	0	21.03	21.06	21.01
5	64QAM	1	0	21.11	21.09	21.03
5	64QAM	1	12	21.10	21.00	20.93
5	64QAM	1	24	21.04	21.04	20.98
5	64QAM	12	0	21.16	20.97	20.74
5	64QAM	12	7	21.06	21.00	20.92
5	64QAM	12	13	20.93	20.95	20.86
5	64QAM	25	0	21.12	21.11	21.01
5	256QAM	1	0	17.21	17.19	17.13
5	256QAM	1	12	17.20	17.10	17.03
5	256QAM	1	24	17.14	17.14	17.08
5	256QAM	12	0	17.26	17.07	17.04
5	256QAM	12	7	17.16	17.10	17.12
5	256QAM	12	13	17.13	17.11	17.06
5	256QAM	25	0	17.22	17.21	17.16



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	24.16	24.19	24.10
20	QPSK	1	49	23.88	24.00	23.85
20	QPSK	1	99	23.96	23.96	23.93
20	QPSK	50	0	23.08	23.13	23.11
20	QPSK	50	24	23.01	23.09	23.08
20	QPSK	50	50	23.12	23.07	23.09
20	QPSK	100	0	23.08	23.13	23.10
20	16QAM	1	0	23.38	23.33	23.35
20	16QAM	1	49	23.25	23.34	23.11
20	16QAM	1	99	23.19	23.26	23.34
20	16QAM	50	0	22.05	21.98	21.97
20	16QAM	50	24	22.17	22.12	22.00
20	16QAM	50	50	22.10	22.09	22.06
20	16QAM	100	0	22.11	22.08	21.98
20	64QAM	1	0	22.34	22.31	22.32
20	64QAM	1	49	22.22	22.32	22.06
20	64QAM	1	99	22.13	22.26	22.27
20	64QAM	50	0	22.02	21.97	21.97
20	64QAM	50	24	22.09	22.07	21.99
20	64QAM	50	50	22.02	22.03	22.03
20	64QAM	100	0	22.13	22.02	21.91
20	256QAM	1	0	18.23	18.18	18.25
20	256QAM	1	49	18.06	18.23	18.46
20	256QAM	1	99	18.08	18.15	18.23
20	256QAM	50	0	18.38	18.31	18.32
20	256QAM	50	24	17.98	18.02	18.33
20	256QAM	50	50	18.01	18.44	18.42
20	256QAM	100	0	18.47	18.00	18.33



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	24.10	24.13	24.04
15	QPSK	1	37	23.82	23.94	23.79
15	QPSK	1	74	23.90	23.90	23.87
15	QPSK	36	0	23.02	23.07	23.05
15	QPSK	36	20	22.95	23.03	23.02
15	QPSK	36	39	23.06	23.01	23.03
15	QPSK	75	0	23.02	23.07	23.04
15	16QAM	1	0	23.32	23.27	23.29
15	16QAM	1	37	23.19	23.28	23.05
15	16QAM	1	74	23.13	23.20	23.28
15	16QAM	36	0	21.99	21.92	21.91
15	16QAM	36	20	22.11	22.06	21.94
15	16QAM	36	39	22.04	22.03	22.00
15	16QAM	75	0	22.05	22.02	21.92
15	64QAM	1	0	22.28	22.25	22.26
15	64QAM	1	37	22.16	22.26	22.00
15	64QAM	1	74	22.07	22.20	22.21
15	64QAM	36	0	21.96	21.91	21.91
15	64QAM	36	20	22.03	22.01	21.93
15	64QAM	36	39	21.96	21.97	21.97
15	64QAM	75	0	22.07	21.96	21.85
15	256QAM	1	0	18.17	18.12	18.19
15	256QAM	1	37	18.00	18.17	17.90
15	256QAM	1	74	18.02	18.09	18.17
15	256QAM	36	0	18.22	18.15	18.16
15	256QAM	36	20	18.72	17.96	18.17
15	256QAM	36	39	18.35	18.28	18.26
15	256QAM	75	0	17.91	17.94	18.17



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	24.04	24.07	23.98
10	QPSK	1	25	23.76	23.88	23.73
10	QPSK	1	49	23.84	23.84	23.81
10	QPSK	25	0	22.96	23.01	22.99
10	QPSK	25	12	22.89	22.97	22.96
10	QPSK	25	25	23.00	22.95	22.97
10	QPSK	50	0	22.96	23.01	22.98
10	16QAM	1	0	23.26	23.21	23.23
10	16QAM	1	25	23.13	23.22	22.99
10	16QAM	1	49	23.07	23.14	23.22
10	16QAM	25	0	21.93	21.86	21.85
10	16QAM	25	12	22.05	22.00	21.88
10	16QAM	25	25	21.98	21.97	21.94
10	16QAM	50	0	21.99	21.96	21.86
10	64QAM	1	0	22.22	22.19	22.20
10	64QAM	1	25	22.10	22.20	21.94
10	64QAM	1	49	22.01	22.14	22.15
10	64QAM	25	0	21.90	21.85	21.85
10	64QAM	25	12	21.97	21.95	21.87
10	64QAM	25	25	21.90	21.91	21.91
10	64QAM	50	0	22.01	21.90	21.79
10	256QAM	1	0	18.11	18.06	18.13
10	256QAM	1	25	17.94	18.11	17.84
10	256QAM	1	49	17.96	18.03	18.11
10	256QAM	25	0	18.06	17.99	18.00
10	256QAM	25	12	17.86	17.90	18.01
10	256QAM	25	25	17.89	17.82	17.80
10	256QAM	50	0	17.85	17.88	18.01



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	24.01	24.04	23.95
5	QPSK	1	12	23.73	23.85	23.70
5	QPSK	1	24	23.81	23.81	23.78
5	QPSK	12	0	22.93	22.98	22.96
5	QPSK	12	7	22.86	22.94	22.93
5	QPSK	12	13	22.97	22.92	22.94
5	QPSK	25	0	22.93	22.98	22.95
5	16QAM	1	0	23.23	23.18	23.20
5	16QAM	1	12	23.10	23.19	22.96
5	16QAM	1	24	23.04	23.11	23.19
5	16QAM	12	0	21.90	21.83	21.82
5	16QAM	12	7	22.02	21.97	21.85
5	16QAM	12	13	21.95	21.94	21.91
5	16QAM	25	0	21.96	21.93	21.83
5	64QAM	1	0	22.19	22.16	22.17
5	64QAM	1	12	22.07	22.17	21.91
5	64QAM	1	24	21.98	22.11	22.12
5	64QAM	12	0	21.87	21.82	21.82
5	64QAM	12	7	21.94	21.92	21.84
5	64QAM	12	13	21.87	21.88	21.88
5	64QAM	25	0	21.98	21.87	21.76
5	256QAM	1	0	18.08	18.03	18.10
5	256QAM	1	12	17.91	18.08	17.81
5	256QAM	1	24	17.93	18.00	18.08
5	256QAM	12	0	17.93	17.86	17.87
5	256QAM	12	7	17.83	17.87	17.88
5	256QAM	12	13	17.86	17.99	17.97
5	256QAM	25	0	17.82	17.85	17.88



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	23.97	24.00	23.91
3	QPSK	1	8	23.69	23.81	23.66
3	QPSK	1	14	23.77	23.77	23.74
3	QPSK	8	0	22.89	22.94	22.92
3	QPSK	8	4	22.82	22.90	22.89
3	QPSK	8	7	22.93	22.88	22.90
3	QPSK	15	0	22.89	22.94	22.91
3	16QAM	1	0	23.19	23.14	23.16
3	16QAM	1	8	23.06	23.15	22.92
3	16QAM	1	14	23.00	23.07	23.15
3	16QAM	8	0	21.86	21.79	21.78
3	16QAM	8	4	21.98	21.93	21.81
3	16QAM	8	7	21.91	21.90	21.87
3	16QAM	15	0	21.92	21.89	21.79
3	64QAM	1	0	22.15	22.12	22.13
3	64QAM	1	8	22.03	22.13	21.87
3	64QAM	1	14	21.94	22.07	22.08
3	64QAM	8	0	21.83	21.78	21.78
3	64QAM	8	4	21.90	21.88	21.80
3	64QAM	8	7	21.83	21.84	21.84
3	64QAM	15	0	21.94	21.83	21.72
3	256QAM	1	0	18.04	17.99	18.06
3	256QAM	1	8	17.87	18.04	17.87
3	256QAM	1	14	17.89	17.96	18.04
3	256QAM	8	0	17.79	17.72	17.73
3	256QAM	8	4	17.79	17.83	17.74
3	256QAM	8	7	17.82	17.75	17.83
3	256QAM	15	0	17.78	17.81	17.74



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	23.93	23.96	23.87
1.4	QPSK	1	3	23.65	23.77	23.62
1.4	QPSK	1	5	23.73	23.73	23.70
1.4	QPSK	3	0	22.85	22.90	22.88
1.4	QPSK	3	1	22.78	22.86	22.85
1.4	QPSK	3	3	22.89	22.84	22.86
1.4	QPSK	6	0	22.85	22.90	22.87
1.4	16QAM	1	0	23.15	23.10	23.12
1.4	16QAM	1	3	23.02	23.11	22.88
1.4	16QAM	1	5	22.96	23.03	23.11
1.4	16QAM	3	0	21.82	21.75	21.74
1.4	16QAM	3	1	21.94	21.89	21.77
1.4	16QAM	3	3	21.87	21.86	21.83
1.4	16QAM	6	0	21.88	21.85	21.75
1.4	64QAM	1	0	22.11	22.08	22.09
1.4	64QAM	1	3	21.99	22.09	21.83
1.4	64QAM	1	5	21.90	22.03	22.04
1.4	64QAM	3	0	21.79	21.74	21.74
1.4	64QAM	3	1	21.86	21.84	21.76
1.4	64QAM	3	3	21.79	21.80	21.80
1.4	64QAM	6	0	21.90	21.79	21.68
1.4	256QAM	1	0	18.00	17.95	18.02
1.4	256QAM	1	3	17.83	18.00	17.83
1.4	256QAM	1	5	17.85	17.92	18.00
1.4	256QAM	3	0	17.75	17.68	17.69
1.4	256QAM	3	1	17.75	17.99	17.70
1.4	256QAM	3	3	17.78	17.71	17.79
1.4	256QAM	6	0	17.84	17.77	17.70



LTE Band 71						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				133222	133322	133372
Frequency (MHz)				673	683	688
20	QPSK	1	0	22.99	23.12	23.05
20	QPSK	1	49	22.96	23.02	22.95
20	QPSK	1	99	23.07	23.04	23.08
20	QPSK	50	0	22.10	22.18	22.14
20	QPSK	50	24	22.03	22.06	22.10
20	QPSK	50	50	22.14	22.17	22.15
20	QPSK	100	0	22.09	22.19	22.11
20	16QAM	1	0	22.30	22.34	22.34
20	16QAM	1	49	22.32	22.41	22.39
20	16QAM	1	99	22.35	22.42	22.40
20	16QAM	50	0	21.02	21.06	21.11
20	16QAM	50	24	21.17	21.19	21.16
20	16QAM	50	50	21.16	21.21	21.18
20	16QAM	100	0	21.15	21.07	21.21
20	64QAM	1	0	21.24	21.38	21.29
20	64QAM	1	49	21.26	21.41	21.33
20	64QAM	1	99	21.36	21.47	21.37
20	64QAM	50	0	20.96	21.00	21.10
20	64QAM	50	24	21.17	21.17	21.16
20	64QAM	50	50	21.20	21.20	21.20
20	64QAM	100	0	21.17	21.04	21.25
20	256QAM	1	0	17.14	17.28	17.19
20	256QAM	1	49	17.16	17.31	17.23
20	256QAM	1	99	17.26	17.37	17.27
20	256QAM	50	0	16.87	16.91	17.01
20	256QAM	50	24	17.08	17.08	17.07
20	256QAM	50	50	17.11	17.11	17.11
20	256QAM	100	0	17.08	16.95	17.16



LTE Band 71						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				133197	133297	133397
Frequency (MHz)				670.5	680.5	690.5
15	QPSK	1	0	22.93	23.06	22.99
15	QPSK	1	37	22.90	22.96	22.89
15	QPSK	1	74	23.01	22.98	23.02
15	QPSK	36	0	22.04	22.12	22.08
15	QPSK	36	20	21.97	22.00	22.04
15	QPSK	36	39	22.08	22.11	22.09
15	QPSK	75	0	22.03	22.13	22.05
15	16QAM	1	0	22.24	22.28	22.28
15	16QAM	1	37	22.26	22.35	22.33
15	16QAM	1	74	22.29	22.36	22.34
15	16QAM	36	0	20.96	21.00	21.05
15	16QAM	36	20	21.11	21.13	21.10
15	16QAM	36	39	21.10	21.15	21.12
15	16QAM	75	0	21.09	21.01	21.15
15	64QAM	1	0	21.18	21.32	21.23
15	64QAM	1	37	21.20	21.35	21.27
15	64QAM	1	74	21.30	21.41	21.31
15	64QAM	36	0	20.90	20.94	21.04
15	64QAM	36	20	21.11	21.11	21.10
15	64QAM	36	39	21.14	21.14	21.14
15	64QAM	75	0	21.11	20.98	21.19
15	256QAM	1	0	17.08	17.22	17.13
15	256QAM	1	37	17.10	17.25	17.17
15	256QAM	1	74	17.20	17.31	17.21
15	256QAM	36	0	16.81	16.85	16.95
15	256QAM	36	20	17.02	17.02	17.01
15	256QAM	36	39	17.05	17.05	17.05
15	256QAM	75	0	17.02	16.89	17.10



LTE Band 71						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				133172	133272	133422
Frequency (MHz)				668	678	693
10	QPSK	1	0	22.89	23.02	22.95
10	QPSK	1	25	22.86	22.92	22.85
10	QPSK	1	49	22.97	22.94	22.98
10	QPSK	25	0	22.00	22.08	22.04
10	QPSK	25	12	21.93	21.96	22.00
10	QPSK	25	25	22.04	22.07	22.05
10	QPSK	50	0	21.99	22.09	22.01
10	16QAM	1	0	22.20	22.24	22.24
10	16QAM	1	25	22.22	22.31	22.29
10	16QAM	1	49	22.25	22.32	22.30
10	16QAM	25	0	20.92	20.96	21.01
10	16QAM	25	12	21.07	21.09	21.06
10	16QAM	25	25	21.06	21.11	21.08
10	16QAM	50	0	21.05	20.97	21.11
10	64QAM	1	0	21.14	21.28	21.19
10	64QAM	1	25	21.16	21.31	21.23
10	64QAM	1	49	21.26	21.37	21.27
10	64QAM	25	0	20.86	20.90	21.00
10	64QAM	25	12	21.07	21.07	21.06
10	64QAM	25	25	21.10	21.10	21.10
10	64QAM	50	0	21.07	20.94	21.15
10	256QAM	1	0	17.04	17.18	17.09
10	256QAM	1	25	17.06	17.21	17.13
10	256QAM	1	49	17.16	17.27	17.17
10	256QAM	25	0	16.77	16.81	16.91
10	256QAM	25	12	16.98	16.98	16.97
10	256QAM	25	25	17.01	17.01	17.01
10	256QAM	50	0	16.98	16.85	17.06



LTE Band 71						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				133147	133247	133447
Frequency (MHz)				665.5	675.5	695.5
5	QPSK	1	0	22.86	22.99	22.92
5	QPSK	1	12	22.83	22.89	22.82
5	QPSK	1	24	22.94	22.91	22.95
5	QPSK	12	0	21.97	22.05	22.01
5	QPSK	12	7	21.90	21.93	21.97
5	QPSK	12	13	22.01	22.04	22.02
5	QPSK	25	0	21.96	22.06	21.98
5	16QAM	1	0	22.17	22.21	22.21
5	16QAM	1	12	22.19	22.28	22.26
5	16QAM	1	24	22.22	22.29	22.27
5	16QAM	12	0	20.89	20.93	20.98
5	16QAM	12	7	21.04	21.06	21.03
5	16QAM	12	13	21.03	21.08	21.05
5	16QAM	25	0	21.02	20.94	21.08
5	64QAM	1	0	21.11	21.25	21.16
5	64QAM	1	12	21.13	21.28	21.20
5	64QAM	1	24	21.23	21.34	21.24
5	64QAM	12	0	20.83	20.87	20.97
5	64QAM	12	7	21.04	21.04	21.03
5	64QAM	12	13	21.07	21.07	21.07
5	64QAM	25	0	21.04	20.91	21.12
5	256QAM	1	0	17.01	17.15	17.06
5	256QAM	1	12	17.03	17.18	17.10
5	256QAM	1	24	17.13	17.24	17.14
5	256QAM	12	0	16.74	16.78	16.88
5	256QAM	12	7	16.95	16.95	16.94
5	256QAM	12	13	16.98	16.98	16.98
5	256QAM	25	0	16.95	16.82	17.03

**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	25.66	0.368	25.68	0.370	25.61	0.364
20	QPSK	1	49	25.65	0.367	25.67	0.369	25.60	0.363
20	QPSK	1	99	25.57	0.361	25.64	0.366	25.61	0.364
20	QPSK	50	0	24.71	0.296	24.83	0.304	24.72	0.296
20	QPSK	50	24	24.75	0.299	24.69	0.294	24.67	0.293
20	QPSK	50	50	24.72	0.296	24.75	0.299	24.68	0.294
20	QPSK	100	0	24.75	0.299	24.76	0.299	24.65	0.292
20	16QAM	1	0	25.02	0.318	24.93	0.311	24.76	0.299
20	16QAM	1	49	24.90	0.309	24.99	0.316	24.94	0.312
20	16QAM	1	99	25.00	0.316	24.77	0.300	25.04	0.319
20	16QAM	50	0	23.94	0.248	23.89	0.245	23.93	0.247
20	16QAM	50	24	24.03	0.253	23.88	0.244	23.87	0.244
20	16QAM	50	50	23.90	0.245	23.93	0.247	23.95	0.248
20	16QAM	100	0	23.88	0.244	23.90	0.245	23.86	0.243
20	64QAM	1	0	23.98	0.250	24.12	0.258	24.07	0.255
20	64QAM	1	49	24.01	0.252	24.05	0.254	23.95	0.248
20	64QAM	1	99	24.11	0.258	23.99	0.251	23.81	0.240
20	64QAM	50	0	23.99	0.251	23.88	0.244	23.88	0.244
20	64QAM	50	24	23.82	0.241	23.83	0.242	23.90	0.245
20	64QAM	50	50	23.95	0.248	23.88	0.244	23.93	0.247
20	64QAM	100	0	23.87	0.244	23.90	0.245	23.89	0.245
20	256QAM	1	0	20.02	0.100	20.17	0.104	20.12	0.103
20	256QAM	1	49	20.05	0.101	20.10	0.102	20.00	0.100
20	256QAM	1	99	20.15	0.104	20.04	0.101	19.86	0.097
20	256QAM	50	0	20.00	0.100	19.90	0.098	19.90	0.098
20	256QAM	50	24	19.83	0.096	19.85	0.097	19.92	0.098
20	256QAM	50	50	19.96	0.099	19.90	0.098	19.95	0.099
20	256QAM	100	0	19.88	0.097	19.92	0.098	19.91	0.098



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	25.61	0.364	25.63	0.366	25.56	0.360
15	QPSK	1	37	25.60	0.363	25.62	0.365	25.55	0.359
15	QPSK	1	74	25.52	0.356	25.59	0.362	25.56	0.360
15	QPSK	36	0	24.66	0.292	24.78	0.301	24.67	0.293
15	QPSK	36	20	24.70	0.295	24.64	0.291	24.62	0.290
15	QPSK	36	39	24.67	0.293	24.70	0.295	24.63	0.290
15	QPSK	75	0	24.70	0.295	24.71	0.296	24.60	0.288
15	16QAM	1	0	24.97	0.314	24.88	0.308	24.71	0.296
15	16QAM	1	37	24.85	0.305	24.94	0.312	24.89	0.308
15	16QAM	1	74	24.95	0.313	24.72	0.296	24.99	0.316
15	16QAM	36	0	23.89	0.245	23.84	0.242	23.88	0.244
15	16QAM	36	20	23.98	0.250	23.83	0.242	23.82	0.241
15	16QAM	36	39	23.85	0.243	23.88	0.244	23.90	0.245
15	16QAM	75	0	23.83	0.242	23.85	0.243	23.81	0.240
15	64QAM	1	0	23.93	0.247	24.07	0.255	24.02	0.252
15	64QAM	1	37	23.96	0.249	24.00	0.251	23.90	0.245
15	64QAM	1	74	24.06	0.255	23.94	0.248	23.76	0.238
15	64QAM	36	0	23.94	0.248	23.83	0.242	23.83	0.242
15	64QAM	36	20	23.77	0.238	23.78	0.239	23.85	0.243
15	64QAM	36	39	23.90	0.245	23.83	0.242	23.88	0.244
15	64QAM	75	0	23.82	0.241	23.85	0.243	23.84	0.242
15	256QAM	1	0	19.97	0.099	20.12	0.103	20.07	0.102
15	256QAM	1	37	20.00	0.100	20.05	0.101	19.95	0.099
15	256QAM	1	74	20.10	0.102	19.99	0.100	19.81	0.096
15	256QAM	36	0	19.95	0.099	19.85	0.097	19.85	0.097
15	256QAM	36	20	19.78	0.095	19.80	0.095	19.87	0.097
15	256QAM	36	39	19.91	0.098	19.85	0.097	19.90	0.098
15	256QAM	75	0	19.83	0.096	19.87	0.097	19.86	0.097



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	25.55	0.359	25.57	0.361	25.50	0.355
10	QPSK	1	25	25.54	0.358	25.56	0.360	25.49	0.354
10	QPSK	1	49	25.46	0.352	25.53	0.357	25.50	0.355
10	QPSK	25	0	24.60	0.288	24.72	0.296	24.61	0.289
10	QPSK	25	12	24.64	0.291	24.58	0.287	24.56	0.286
10	QPSK	25	25	24.61	0.289	24.64	0.291	24.57	0.286
10	QPSK	50	0	24.64	0.291	24.65	0.292	24.54	0.284
10	16QAM	1	0	24.91	0.310	24.82	0.303	24.65	0.292
10	16QAM	1	25	24.79	0.301	24.88	0.308	24.83	0.304
10	16QAM	1	49	24.89	0.308	24.66	0.292	24.93	0.311
10	16QAM	25	0	23.83	0.242	23.78	0.239	23.82	0.241
10	16QAM	25	12	23.92	0.247	23.77	0.238	23.76	0.238
10	16QAM	25	25	23.79	0.239	23.82	0.241	23.84	0.242
10	16QAM	50	0	23.77	0.238	23.79	0.239	23.75	0.237
10	64QAM	1	0	23.87	0.244	24.01	0.252	23.96	0.249
10	64QAM	1	25	23.90	0.245	23.94	0.248	23.84	0.242
10	64QAM	1	49	24.00	0.251	23.88	0.244	23.70	0.234
10	64QAM	25	0	23.88	0.244	23.77	0.238	23.77	0.238
10	64QAM	25	12	23.71	0.235	23.72	0.236	23.79	0.239
10	64QAM	25	25	23.84	0.242	23.77	0.238	23.82	0.241
10	64QAM	50	0	23.76	0.238	23.79	0.239	23.78	0.239
10	256QAM	1	0	19.91	0.098	20.06	0.101	20.01	0.100
10	256QAM	1	25	19.94	0.099	19.99	0.100	19.89	0.097
10	256QAM	1	49	20.04	0.101	19.93	0.098	19.75	0.094
10	256QAM	25	0	19.89	0.097	19.79	0.095	19.79	0.095
10	256QAM	25	12	19.72	0.094	19.74	0.094	19.81	0.096
10	256QAM	25	25	19.85	0.097	19.79	0.095	19.84	0.096
10	256QAM	50	0	19.77	0.095	19.81	0.096	19.80	0.095



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	25.52	0.356	25.54	0.358	25.47	0.352
5	QPSK	1	12	25.51	0.356	25.53	0.357	25.46	0.352
5	QPSK	1	24	25.43	0.349	25.50	0.355	25.47	0.352
5	QPSK	12	0	24.57	0.286	24.69	0.294	24.58	0.287
5	QPSK	12	7	24.61	0.289	24.55	0.285	24.53	0.284
5	QPSK	12	13	24.58	0.287	24.61	0.289	24.54	0.284
5	QPSK	25	0	24.61	0.289	24.62	0.290	24.51	0.282
5	16QAM	1	0	24.88	0.308	24.79	0.301	24.62	0.290
5	16QAM	1	12	24.76	0.299	24.85	0.305	24.80	0.302
5	16QAM	1	24	24.86	0.306	24.63	0.290	24.90	0.309
5	16QAM	12	0	23.80	0.240	23.75	0.237	23.79	0.239
5	16QAM	12	7	23.89	0.245	23.74	0.237	23.73	0.236
5	16QAM	12	13	23.76	0.238	23.79	0.239	23.81	0.240
5	16QAM	25	0	23.74	0.237	23.76	0.238	23.72	0.236
5	64QAM	1	0	23.84	0.242	23.98	0.250	23.93	0.247
5	64QAM	1	12	23.87	0.244	23.91	0.246	23.81	0.240
5	64QAM	1	24	23.97	0.249	23.85	0.243	23.67	0.233
5	64QAM	12	0	23.85	0.243	23.74	0.237	23.74	0.237
5	64QAM	12	7	23.68	0.233	23.69	0.234	23.76	0.238
5	64QAM	12	13	23.81	0.240	23.74	0.237	23.79	0.239
5	64QAM	25	0	23.73	0.236	23.76	0.238	23.75	0.237
5	256QAM	1	0	19.88	0.097	20.03	0.101	19.98	0.100
5	256QAM	1	12	19.91	0.098	19.96	0.099	19.86	0.097
5	256QAM	1	24	20.01	0.100	19.90	0.098	19.72	0.094
5	256QAM	12	0	19.86	0.097	19.76	0.095	19.76	0.095
5	256QAM	12	7	19.69	0.093	19.71	0.094	19.78	0.095
5	256QAM	12	13	19.82	0.096	19.76	0.095	19.81	0.096
5	256QAM	25	0	19.74	0.094	19.78	0.095	19.77	0.095



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	25.49	0.354	25.51	0.356	25.44	0.350
3	QPSK	1	8	25.48	0.353	25.50	0.355	25.43	0.349
3	QPSK	1	14	25.40	0.347	25.47	0.352	25.44	0.350
3	QPSK	8	0	24.54	0.284	24.66	0.292	24.55	0.285
3	QPSK	8	4	24.58	0.287	24.52	0.283	24.50	0.282
3	QPSK	8	7	24.55	0.285	24.58	0.287	24.51	0.282
3	QPSK	15	0	24.58	0.287	24.59	0.288	24.48	0.281
3	16QAM	1	0	24.85	0.305	24.76	0.299	24.59	0.288
3	16QAM	1	8	24.73	0.297	24.82	0.303	24.77	0.300
3	16QAM	1	14	24.83	0.304	24.60	0.288	24.87	0.307
3	16QAM	8	0	23.77	0.238	23.72	0.236	23.76	0.238
3	16QAM	8	4	23.86	0.243	23.71	0.235	23.70	0.234
3	16QAM	8	7	23.73	0.236	23.76	0.238	23.78	0.239
3	16QAM	15	0	23.71	0.235	23.73	0.236	23.69	0.234
3	64QAM	1	0	23.81	0.240	23.95	0.248	23.90	0.245
3	64QAM	1	8	23.84	0.242	23.88	0.244	23.78	0.239
3	64QAM	1	14	23.94	0.248	23.82	0.241	23.64	0.231
3	64QAM	8	0	23.82	0.241	23.71	0.235	23.71	0.235
3	64QAM	8	4	23.65	0.232	23.66	0.232	23.73	0.236
3	64QAM	8	7	23.78	0.239	23.71	0.235	23.76	0.238
3	64QAM	15	0	23.70	0.234	23.73	0.236	23.72	0.236
3	256QAM	1	0	19.85	0.097	20.00	0.100	19.95	0.099
3	256QAM	1	8	19.88	0.097	19.93	0.098	19.83	0.096
3	256QAM	1	14	19.98	0.100	19.87	0.097	19.69	0.093
3	256QAM	8	0	19.83	0.096	19.73	0.094	19.73	0.094
3	256QAM	8	4	19.66	0.092	19.68	0.093	19.75	0.094
3	256QAM	8	7	19.79	0.095	19.73	0.094	19.78	0.095
3	256QAM	15	0	19.71	0.094	19.75	0.094	19.74	0.094



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	25.45	0.351	25.47	0.352	25.40	0.347
1.4	QPSK	1	3	25.44	0.350	25.46	0.352	25.39	0.346
1.4	QPSK	1	5	25.36	0.344	25.43	0.349	25.40	0.347
1.4	QPSK	3	0	24.50	0.282	24.62	0.290	24.51	0.282
1.4	QPSK	3	1	24.54	0.284	24.48	0.281	24.46	0.279
1.4	QPSK	3	3	24.51	0.282	24.54	0.284	24.47	0.280
1.4	QPSK	6	0	24.54	0.284	24.55	0.285	24.44	0.278
1.4	16QAM	1	0	24.81	0.303	24.72	0.296	24.55	0.285
1.4	16QAM	1	3	24.69	0.294	24.78	0.301	24.73	0.297
1.4	16QAM	1	5	24.79	0.301	24.56	0.286	24.83	0.304
1.4	16QAM	3	0	23.73	0.236	23.68	0.233	23.72	0.236
1.4	16QAM	3	1	23.82	0.241	23.67	0.233	23.66	0.232
1.4	16QAM	3	3	23.69	0.234	23.72	0.236	23.74	0.237
1.4	16QAM	6	0	23.67	0.233	23.69	0.234	23.65	0.232
1.4	64QAM	1	0	23.77	0.238	23.91	0.246	23.86	0.243
1.4	64QAM	1	3	23.80	0.240	23.84	0.242	23.74	0.237
1.4	64QAM	1	5	23.90	0.245	23.78	0.239	23.60	0.229
1.4	64QAM	3	0	23.78	0.239	23.67	0.233	23.67	0.233
1.4	64QAM	3	1	23.61	0.230	23.62	0.230	23.69	0.234
1.4	64QAM	3	3	23.74	0.237	23.67	0.233	23.72	0.236
1.4	64QAM	6	0	23.66	0.232	23.69	0.234	23.68	0.233
1.4	256QAM	1	0	19.81	0.096	19.96	0.099	19.91	0.098
1.4	256QAM	1	3	19.84	0.096	19.89	0.097	19.79	0.095
1.4	256QAM	1	5	19.94	0.099	19.83	0.096	19.65	0.092
1.4	256QAM	3	0	19.79	0.095	19.69	0.093	19.69	0.093
1.4	256QAM	3	1	19.62	0.092	19.64	0.092	19.71	0.094
1.4	256QAM	3	3	19.75	0.094	19.69	0.093	19.74	0.094
1.4	256QAM	6	0	19.67	0.093	19.71	0.094	19.70	0.093



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	24.23	0.265	24.27	0.267	24.26	0.266
20	QPSK	1	49	24.17	0.261	24.18	0.262	24.19	0.262
20	QPSK	1	99	24.09	0.256	24.11	0.257	24.14	0.259
20	QPSK	50	0	23.28	0.213	23.34	0.216	23.21	0.209
20	QPSK	50	24	23.22	0.210	23.25	0.211	23.26	0.212
20	QPSK	50	50	23.19	0.208	23.22	0.210	23.28	0.213
20	QPSK	100	0	23.16	0.207	23.25	0.211	23.20	0.209
20	16QAM	1	0	22.89	0.194	23.14	0.206	23.20	0.209
20	16QAM	1	49	23.14	0.206	23.20	0.209	23.05	0.202
20	16QAM	1	99	23.21	0.209	23.20	0.209	23.31	0.214
20	16QAM	50	0	22.27	0.169	22.23	0.167	22.28	0.169
20	16QAM	50	24	22.30	0.170	22.19	0.165	22.23	0.167
20	16QAM	50	50	22.35	0.172	22.21	0.166	22.22	0.167
20	16QAM	100	0	22.27	0.169	22.26	0.168	22.24	0.167
20	64QAM	1	0	22.39	0.173	22.33	0.171	22.37	0.172
20	64QAM	1	49	22.19	0.165	22.21	0.166	22.37	0.172
20	64QAM	1	99	22.29	0.169	22.30	0.170	22.41	0.174
20	64QAM	50	0	22.21	0.166	22.18	0.165	22.19	0.165
20	64QAM	50	24	22.20	0.166	22.22	0.167	22.35	0.172
20	64QAM	50	50	22.24	0.167	22.21	0.166	22.39	0.173
20	64QAM	100	0	22.22	0.167	22.19	0.165	22.30	0.170
20	256QAM	1	0	18.42	0.069	18.36	0.068	18.40	0.069
20	256QAM	1	49	18.22	0.066	18.24	0.067	18.40	0.069
20	256QAM	1	99	18.32	0.068	18.33	0.068	18.44	0.070
20	256QAM	50	0	18.24	0.067	18.21	0.066	18.22	0.066
20	256QAM	50	24	18.23	0.066	18.25	0.067	18.38	0.069
20	256QAM	50	50	18.27	0.067	18.24	0.067	18.42	0.069
20	256QAM	100	0	18.25	0.067	18.22	0.066	18.33	0.068



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	24.17	0.261	24.21	0.263	24.20	0.263
15	QPSK	1	37	24.11	0.257	24.12	0.258	24.13	0.259
15	QPSK	1	74	24.03	0.253	24.05	0.254	24.08	0.256
15	QPSK	36	0	23.22	0.210	23.28	0.213	23.15	0.206
15	QPSK	36	20	23.16	0.207	23.19	0.208	23.20	0.209
15	QPSK	36	39	23.13	0.205	23.16	0.207	23.22	0.210
15	QPSK	75	0	23.10	0.204	23.19	0.208	23.14	0.206
15	16QAM	1	0	22.83	0.192	23.08	0.203	23.14	0.206
15	16QAM	1	37	23.08	0.203	23.14	0.206	22.99	0.199
15	16QAM	1	74	23.15	0.206	23.14	0.206	23.25	0.211
15	16QAM	36	0	22.21	0.166	22.17	0.165	22.22	0.167
15	16QAM	36	20	22.24	0.167	22.13	0.163	22.17	0.165
15	16QAM	36	39	22.29	0.169	22.15	0.164	22.16	0.164
15	16QAM	75	0	22.21	0.166	22.20	0.166	22.18	0.165
15	64QAM	1	0	22.33	0.171	22.27	0.169	22.31	0.170
15	64QAM	1	37	22.13	0.163	22.15	0.164	22.31	0.170
15	64QAM	1	74	22.23	0.167	22.24	0.167	22.35	0.172
15	64QAM	36	0	22.15	0.164	22.12	0.163	22.13	0.163
15	64QAM	36	20	22.14	0.164	22.16	0.164	22.29	0.169
15	64QAM	36	39	22.18	0.165	22.15	0.164	22.33	0.171
15	64QAM	75	0	22.16	0.164	22.13	0.163	22.24	0.167
15	256QAM	1	0	18.36	0.068	18.30	0.068	18.34	0.068
15	256QAM	1	37	18.16	0.065	18.18	0.066	18.34	0.068
15	256QAM	1	74	18.26	0.067	18.27	0.067	18.38	0.069
15	256QAM	36	0	18.18	0.066	18.15	0.065	18.16	0.065
15	256QAM	36	20	18.17	0.066	18.19	0.066	18.32	0.068
15	256QAM	36	39	18.21	0.066	18.18	0.066	18.36	0.068
15	256QAM	75	0	18.19	0.066	18.16	0.065	18.27	0.067



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	24.12	0.258	24.16	0.260	24.15	0.260
10	QPSK	1	25	24.06	0.254	24.07	0.255	24.08	0.256
10	QPSK	1	49	23.98	0.250	24.00	0.251	24.03	0.253
10	QPSK	25	0	23.17	0.207	23.23	0.210	23.10	0.204
10	QPSK	25	12	23.11	0.204	23.14	0.206	23.15	0.206
10	QPSK	25	25	23.08	0.203	23.11	0.204	23.17	0.207
10	QPSK	50	0	23.05	0.202	23.14	0.206	23.09	0.204
10	16QAM	1	0	22.78	0.189	23.03	0.201	23.09	0.204
10	16QAM	1	25	23.03	0.201	23.09	0.204	22.94	0.197
10	16QAM	1	49	23.10	0.204	23.09	0.204	23.20	0.209
10	16QAM	25	0	22.16	0.164	22.12	0.163	22.17	0.165
10	16QAM	25	12	22.19	0.165	22.08	0.161	22.12	0.163
10	16QAM	25	25	22.24	0.167	22.10	0.162	22.11	0.162
10	16QAM	50	0	22.16	0.164	22.15	0.164	22.13	0.163
10	64QAM	1	0	22.28	0.169	22.22	0.167	22.26	0.168
10	64QAM	1	25	22.08	0.161	22.10	0.162	22.26	0.168
10	64QAM	1	49	22.18	0.165	22.19	0.165	22.30	0.170
10	64QAM	25	0	22.10	0.162	22.07	0.161	22.08	0.161
10	64QAM	25	12	22.09	0.162	22.11	0.162	22.24	0.167
10	64QAM	25	25	22.13	0.163	22.10	0.162	22.28	0.169
10	64QAM	50	0	22.11	0.162	22.08	0.161	22.19	0.165
10	256QAM	1	0	18.31	0.068	18.25	0.067	18.29	0.067
10	256QAM	1	25	18.11	0.065	18.13	0.065	18.29	0.067
10	256QAM	1	49	18.21	0.066	18.22	0.066	18.33	0.068
10	256QAM	25	0	18.13	0.065	18.10	0.065	18.11	0.065
10	256QAM	25	12	18.12	0.065	18.14	0.065	18.27	0.067
10	256QAM	25	25	18.16	0.065	18.13	0.065	18.31	0.068
10	256QAM	50	0	18.14	0.065	18.11	0.065	18.22	0.066



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	24.06	0.254	24.10	0.257	24.09	0.256
5	QPSK	1	12	24.00	0.251	24.01	0.252	24.02	0.252
5	QPSK	1	24	23.92	0.246	23.94	0.248	23.97	0.249
5	QPSK	12	0	23.11	0.204	23.17	0.207	23.04	0.201
5	QPSK	12	7	23.05	0.202	23.08	0.203	23.09	0.204
5	QPSK	12	13	23.02	0.200	23.05	0.202	23.11	0.204
5	QPSK	25	0	22.99	0.199	23.08	0.203	23.03	0.201
5	16QAM	1	0	22.72	0.187	22.97	0.198	23.03	0.201
5	16QAM	1	12	22.97	0.198	23.03	0.201	22.88	0.194
5	16QAM	1	24	23.04	0.201	23.03	0.201	23.14	0.206
5	16QAM	12	0	22.10	0.162	22.06	0.161	22.11	0.162
5	16QAM	12	7	22.13	0.163	22.02	0.159	22.06	0.161
5	16QAM	12	13	22.18	0.165	22.04	0.160	22.05	0.160
5	16QAM	25	0	22.10	0.162	22.09	0.162	22.07	0.161
5	64QAM	1	0	22.22	0.167	22.16	0.164	22.20	0.166
5	64QAM	1	12	22.02	0.159	22.04	0.160	22.20	0.166
5	64QAM	1	24	22.12	0.163	22.13	0.163	22.24	0.167
5	64QAM	12	0	22.04	0.160	22.01	0.159	22.02	0.159
5	64QAM	12	7	22.03	0.159	22.05	0.160	22.18	0.165
5	64QAM	12	13	22.07	0.161	22.04	0.160	22.22	0.167
5	64QAM	25	0	22.05	0.160	22.02	0.159	22.13	0.163
5	256QAM	1	0	18.25	0.067	18.19	0.066	18.23	0.066
5	256QAM	1	12	18.05	0.064	18.07	0.064	18.23	0.066
5	256QAM	1	24	18.15	0.065	18.16	0.065	18.27	0.067
5	256QAM	12	0	18.07	0.064	18.04	0.064	18.05	0.064
5	256QAM	12	7	18.06	0.064	18.08	0.064	18.21	0.066
5	256QAM	12	13	18.10	0.065	18.07	0.064	18.25	0.067
5	256QAM	25	0	18.08	0.064	18.05	0.064	18.16	0.065



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	24.03	0.253	24.07	0.255	24.06	0.254
3	QPSK	1	8	23.97	0.249	23.98	0.250	23.99	0.250
3	QPSK	1	14	23.89	0.245	23.91	0.246	23.94	0.248
3	QPSK	8	0	23.08	0.203	23.14	0.206	23.01	0.200
3	QPSK	8	4	23.02	0.200	23.05	0.202	23.06	0.202
3	QPSK	8	7	22.99	0.199	23.02	0.200	23.08	0.203
3	QPSK	15	0	22.96	0.198	23.05	0.202	23.00	0.199
3	16QAM	1	0	22.69	0.186	22.94	0.197	23.00	0.199
3	16QAM	1	8	22.94	0.197	23.00	0.199	22.85	0.193
3	16QAM	1	14	23.01	0.200	23.00	0.199	23.11	0.204
3	16QAM	8	0	22.07	0.161	22.03	0.159	22.08	0.161
3	16QAM	8	4	22.10	0.162	21.99	0.158	22.03	0.159
3	16QAM	8	7	22.15	0.164	22.01	0.159	22.02	0.159
3	16QAM	15	0	22.07	0.161	22.06	0.161	22.04	0.160
3	64QAM	1	0	22.19	0.165	22.13	0.163	22.17	0.165
3	64QAM	1	8	21.99	0.158	22.01	0.159	22.17	0.165
3	64QAM	1	14	22.09	0.162	22.10	0.162	22.21	0.166
3	64QAM	8	0	22.01	0.159	21.98	0.158	21.99	0.158
3	64QAM	8	4	22.00	0.158	22.02	0.159	22.15	0.164
3	64QAM	8	7	22.04	0.160	22.01	0.159	22.19	0.165
3	64QAM	15	0	22.02	0.159	21.99	0.158	22.10	0.162
3	256QAM	1	0	18.22	0.066	18.16	0.065	18.20	0.066
3	256QAM	1	8	18.02	0.063	18.04	0.064	18.20	0.066
3	256QAM	1	14	18.12	0.065	18.13	0.065	18.24	0.067
3	256QAM	8	0	18.04	0.064	18.01	0.063	18.02	0.063
3	256QAM	8	4	18.03	0.063	18.05	0.064	18.18	0.066
3	256QAM	8	7	18.07	0.064	18.04	0.064	18.22	0.066
3	256QAM	15	0	18.05	0.064	18.02	0.063	18.13	0.065



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				19957		20175		20393	
Frequency (MHz)				1710.7		1732.5		1754.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	23.97	0.249	24.01	0.252	24.00	0.251
1.4	QPSK	1	3	23.91	0.246	23.92	0.246	23.93	0.247
1.4	QPSK	1	5	23.83	0.241	23.85	0.242	23.88	0.244
1.4	QPSK	3	0	23.02	0.200	23.08	0.203	22.95	0.197
1.4	QPSK	3	1	22.96	0.198	22.99	0.199	23.00	0.199
1.4	QPSK	3	3	22.93	0.196	22.96	0.198	23.02	0.200
1.4	QPSK	6	0	22.90	0.195	22.99	0.199	22.94	0.197
1.4	16QAM	1	0	22.63	0.183	22.88	0.194	22.94	0.197
1.4	16QAM	1	3	22.88	0.194	22.94	0.197	22.79	0.190
1.4	16QAM	1	5	22.95	0.197	22.94	0.197	23.05	0.202
1.4	16QAM	3	0	22.01	0.159	21.97	0.157	22.02	0.159
1.4	16QAM	3	1	22.04	0.160	21.93	0.156	21.97	0.157
1.4	16QAM	3	3	22.09	0.162	21.95	0.157	21.96	0.157
1.4	16QAM	6	0	22.01	0.159	22.00	0.158	21.98	0.158
1.4	64QAM	1	0	22.13	0.163	22.07	0.161	22.11	0.162
1.4	64QAM	1	3	21.93	0.156	21.95	0.157	22.11	0.162
1.4	64QAM	1	5	22.03	0.159	22.04	0.160	22.15	0.164
1.4	64QAM	3	0	21.95	0.157	21.92	0.155	21.93	0.156
1.4	64QAM	3	1	21.94	0.156	21.96	0.157	22.09	0.162
1.4	64QAM	3	3	21.98	0.158	21.95	0.157	22.13	0.163
1.4	64QAM	6	0	21.96	0.157	21.93	0.156	22.04	0.160
1.4	256QAM	1	0	18.16	0.065	18.10	0.065	18.14	0.065
1.4	256QAM	1	3	17.96	0.062	17.98	0.063	18.14	0.065
1.4	256QAM	1	5	18.06	0.064	18.07	0.064	18.18	0.066
1.4	256QAM	3	0	17.98	0.063	17.95	0.062	17.96	0.062
1.4	256QAM	3	1	17.97	0.063	17.99	0.063	18.12	0.065
1.4	256QAM	3	3	18.01	0.063	17.98	0.063	18.16	0.065
1.4	256QAM	6	0	17.99	0.063	17.96	0.062	18.07	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				20450		20525		20600	
Frequency (MHz)				829		836.5		844	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	20.85	0.122	20.86	0.122	20.78	0.120
10	QPSK	1	25	20.81	0.121	20.84	0.121	20.73	0.118
10	QPSK	1	49	20.73	0.118	20.80	0.120	20.55	0.114
10	QPSK	25	0	19.91	0.098	19.99	0.100	19.85	0.097
10	QPSK	25	12	19.98	0.100	19.95	0.099	19.90	0.098
10	QPSK	25	25	19.90	0.098	19.86	0.097	19.89	0.097
10	QPSK	50	0	19.79	0.095	19.81	0.096	19.78	0.095
10	16QAM	1	0	19.88	0.097	19.78	0.095	19.74	0.094
10	16QAM	1	25	19.87	0.097	20.05	0.101	19.91	0.098
10	16QAM	1	49	19.84	0.096	19.85	0.097	19.77	0.095
10	16QAM	25	0	18.83	0.076	18.74	0.075	18.71	0.074
10	16QAM	25	12	18.75	0.075	18.71	0.074	18.68	0.074
10	16QAM	25	25	18.83	0.076	18.79	0.076	18.74	0.075
10	16QAM	50	0	18.87	0.077	18.73	0.075	18.70	0.074
10	64QAM	1	0	18.89	0.077	18.96	0.079	18.85	0.077
10	64QAM	1	25	18.76	0.075	18.74	0.075	18.80	0.076
10	64QAM	1	49	18.91	0.078	18.71	0.074	18.87	0.077
10	64QAM	25	0	18.86	0.077	18.79	0.076	18.74	0.075
10	64QAM	25	12	18.94	0.078	18.74	0.075	18.79	0.076
10	64QAM	25	25	18.78	0.076	18.79	0.076	18.74	0.075
10	64QAM	50	0	18.79	0.076	18.76	0.075	18.78	0.076
10	256QAM	1	0	14.93	0.031	15.00	0.032	14.89	0.031
10	256QAM	1	25	14.80	0.030	14.78	0.030	14.84	0.030
10	256QAM	1	49	14.95	0.031	14.75	0.030	14.91	0.031
10	256QAM	25	0	14.90	0.031	14.83	0.030	14.78	0.030
10	256QAM	25	12	14.98	0.031	14.78	0.030	14.83	0.030
10	256QAM	25	25	14.82	0.030	14.83	0.030	14.78	0.030
10	256QAM	50	0	14.83	0.030	14.80	0.030	14.82	0.030



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	20.79	0.120	20.80	0.120	20.72	0.118
5	QPSK	1	12	20.75	0.119	20.78	0.120	20.67	0.117
5	QPSK	1	24	20.67	0.117	20.74	0.119	20.49	0.112
5	QPSK	12	0	19.85	0.097	19.93	0.098	19.79	0.095
5	QPSK	12	7	19.92	0.098	19.89	0.097	19.84	0.096
5	QPSK	12	13	19.84	0.096	19.80	0.095	19.83	0.096
5	QPSK	25	0	19.73	0.094	19.75	0.094	19.72	0.094
5	16QAM	1	0	19.82	0.096	19.72	0.094	19.68	0.093
5	16QAM	1	12	19.81	0.096	19.99	0.100	19.85	0.097
5	16QAM	1	24	19.78	0.095	19.79	0.095	19.71	0.094
5	16QAM	12	0	18.77	0.075	18.68	0.074	18.65	0.073
5	16QAM	12	7	18.69	0.074	18.65	0.073	18.62	0.073
5	16QAM	12	13	18.77	0.075	18.73	0.075	18.68	0.074
5	16QAM	25	0	18.81	0.076	18.67	0.074	18.64	0.073
5	64QAM	1	0	18.83	0.076	18.90	0.078	18.79	0.076
5	64QAM	1	12	18.70	0.074	18.68	0.074	18.74	0.075
5	64QAM	1	24	18.85	0.077	18.65	0.073	18.81	0.076
5	64QAM	12	0	18.80	0.076	18.73	0.075	18.68	0.074
5	64QAM	12	7	18.88	0.077	18.68	0.074	18.73	0.075
5	64QAM	12	13	18.72	0.074	18.73	0.075	18.68	0.074
5	64QAM	25	0	18.73	0.075	18.70	0.074	18.72	0.074
5	256QAM	1	0	14.87	0.031	14.94	0.031	14.83	0.030
5	256QAM	1	12	14.74	0.030	14.72	0.030	14.78	0.030
5	256QAM	1	24	14.89	0.031	14.69	0.029	14.85	0.031
5	256QAM	12	0	14.84	0.030	14.77	0.030	14.72	0.030
5	256QAM	12	7	14.92	0.031	14.72	0.030	14.77	0.030
5	256QAM	12	13	14.76	0.030	14.77	0.030	14.72	0.030
5	256QAM	25	0	14.77	0.030	14.74	0.030	14.76	0.030



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	20.74	0.119	20.75	0.119	20.67	0.117
3	QPSK	1	8	20.70	0.117	20.73	0.118	20.62	0.115
3	QPSK	1	14	20.62	0.115	20.69	0.117	20.44	0.111
3	QPSK	8	0	19.80	0.095	19.88	0.097	19.74	0.094
3	QPSK	8	4	19.87	0.097	19.84	0.096	19.79	0.095
3	QPSK	8	7	19.79	0.095	19.75	0.094	19.78	0.095
3	QPSK	15	0	19.68	0.093	19.70	0.093	19.67	0.093
3	16QAM	1	0	19.77	0.095	19.67	0.093	19.63	0.092
3	16QAM	1	8	19.76	0.095	19.94	0.099	19.80	0.095
3	16QAM	1	14	19.73	0.094	19.74	0.094	19.66	0.092
3	16QAM	8	0	18.72	0.074	18.63	0.073	18.60	0.072
3	16QAM	8	4	18.64	0.073	18.60	0.072	18.57	0.072
3	16QAM	8	7	18.72	0.074	18.68	0.074	18.63	0.073
3	16QAM	15	0	18.76	0.075	18.62	0.073	18.59	0.072
3	64QAM	1	0	18.78	0.076	18.85	0.077	18.74	0.075
3	64QAM	1	8	18.65	0.073	18.63	0.073	18.69	0.074
3	64QAM	1	14	18.80	0.076	18.60	0.072	18.76	0.075
3	64QAM	8	0	18.75	0.075	18.68	0.074	18.63	0.073
3	64QAM	8	4	18.83	0.076	18.63	0.073	18.68	0.074
3	64QAM	8	7	18.67	0.074	18.68	0.074	18.63	0.073
3	64QAM	15	0	18.68	0.074	18.65	0.073	18.67	0.074
3	256QAM	1	0	14.82	0.030	14.89	0.031	14.78	0.030
3	256QAM	1	8	14.69	0.029	14.67	0.029	14.73	0.030
3	256QAM	1	14	14.84	0.030	14.64	0.029	14.80	0.030
3	256QAM	8	0	14.79	0.030	14.72	0.030	14.67	0.029
3	256QAM	8	4	14.87	0.031	14.67	0.029	14.72	0.030
3	256QAM	8	7	14.71	0.030	14.72	0.030	14.67	0.029
3	256QAM	15	0	14.72	0.030	14.69	0.029	14.71	0.030



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	20.70	0.117	20.71	0.118	20.63	0.116
1.4	QPSK	1	3	20.66	0.116	20.69	0.117	20.58	0.114
1.4	QPSK	1	5	20.58	0.114	20.65	0.116	20.40	0.110
1.4	QPSK	3	0	19.76	0.095	19.84	0.096	19.70	0.093
1.4	QPSK	3	1	19.83	0.096	19.80	0.095	19.75	0.094
1.4	QPSK	3	3	19.75	0.094	19.71	0.094	19.74	0.094
1.4	QPSK	6	0	19.64	0.092	19.66	0.092	19.63	0.092
1.4	16QAM	1	0	19.73	0.094	19.63	0.092	19.59	0.091
1.4	16QAM	1	3	19.72	0.094	19.90	0.098	19.76	0.095
1.4	16QAM	1	5	19.69	0.093	19.70	0.093	19.62	0.092
1.4	16QAM	3	0	18.68	0.074	18.59	0.072	18.56	0.072
1.4	16QAM	3	1	18.60	0.072	18.56	0.072	18.53	0.071
1.4	16QAM	3	3	18.68	0.074	18.64	0.073	18.59	0.072
1.4	16QAM	6	0	18.72	0.074	18.58	0.072	18.55	0.072
1.4	64QAM	1	0	18.74	0.075	18.81	0.076	18.70	0.074
1.4	64QAM	1	3	18.61	0.073	18.59	0.072	18.65	0.073
1.4	64QAM	1	5	18.76	0.075	18.56	0.072	18.72	0.074
1.4	64QAM	3	0	18.71	0.074	18.64	0.073	18.59	0.072
1.4	64QAM	3	1	18.79	0.076	18.59	0.072	18.64	0.073
1.4	64QAM	3	3	18.63	0.073	18.64	0.073	18.59	0.072
1.4	64QAM	6	0	18.64	0.073	18.61	0.073	18.63	0.073
1.4	256QAM	1	0	14.78	0.030	14.85	0.031	14.74	0.030
1.4	256QAM	1	3	14.65	0.029	14.63	0.029	14.69	0.029
1.4	256QAM	1	5	14.80	0.030	14.60	0.029	14.76	0.030
1.4	256QAM	3	0	14.75	0.030	14.68	0.029	14.63	0.029
1.4	256QAM	3	1	14.83	0.030	14.63	0.029	14.68	0.029
1.4	256QAM	3	3	14.67	0.029	14.68	0.029	14.63	0.029
1.4	256QAM	6	0	14.68	0.029	14.65	0.029	14.67	0.029



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	24.30	0.269	24.36	0.273	24.32	0.270
20	QPSK	1	49	24.22	0.264	24.29	0.269	24.34	0.272
20	QPSK	1	99	24.33	0.271	24.34	0.272	24.35	0.272
20	QPSK	50	0	23.43	0.220	23.56	0.227	23.55	0.226
20	QPSK	50	24	23.50	0.224	23.55	0.226	23.54	0.226
20	QPSK	50	50	23.53	0.225	23.52	0.225	23.54	0.226
20	QPSK	100	0	23.58	0.228	23.59	0.229	23.51	0.224
20	16QAM	1	0	23.44	0.221	23.38	0.218	23.43	0.220
20	16QAM	1	49	23.51	0.224	23.50	0.224	23.42	0.220
20	16QAM	1	99	23.52	0.225	23.57	0.228	23.53	0.225
20	16QAM	50	0	22.42	0.175	22.57	0.181	22.63	0.183
20	16QAM	50	24	22.46	0.176	22.51	0.178	22.43	0.175
20	16QAM	50	50	22.45	0.176	22.56	0.180	22.41	0.174
20	16QAM	100	0	22.44	0.175	22.49	0.177	22.54	0.179
20	64QAM	1	0	22.47	0.177	22.51	0.178	22.55	0.180
20	64QAM	1	49	22.51	0.178	22.57	0.181	22.32	0.171
20	64QAM	1	99	22.46	0.176	22.33	0.171	22.23	0.167
20	64QAM	50	0	22.43	0.175	22.47	0.177	22.51	0.178
20	64QAM	50	24	22.43	0.175	22.56	0.180	22.35	0.172
20	64QAM	50	50	22.40	0.174	22.55	0.180	22.49	0.177
20	64QAM	100	0	22.48	0.177	22.47	0.177	22.37	0.173
20	256QAM	1	0	18.51	0.071	18.55	0.072	18.59	0.072
20	256QAM	1	49	18.55	0.072	18.61	0.073	18.36	0.069
20	256QAM	1	99	18.50	0.071	18.37	0.069	18.27	0.067
20	256QAM	50	0	18.47	0.070	18.51	0.071	18.55	0.072
20	256QAM	50	24	18.47	0.070	18.60	0.072	18.39	0.069
20	256QAM	50	50	18.44	0.070	18.59	0.072	18.53	0.071
20	256QAM	100	0	18.52	0.071	18.51	0.071	18.41	0.069



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	24.26	0.267	24.32	0.270	24.28	0.268
15	QPSK	1	37	24.18	0.262	24.25	0.266	24.30	0.269
15	QPSK	1	74	24.29	0.269	24.30	0.269	24.31	0.270
15	QPSK	36	0	23.39	0.218	23.52	0.225	23.51	0.224
15	QPSK	36	20	23.46	0.222	23.51	0.224	23.50	0.224
15	QPSK	36	39	23.49	0.223	23.48	0.223	23.50	0.224
15	QPSK	75	0	23.54	0.226	23.55	0.226	23.47	0.222
15	16QAM	1	0	23.40	0.219	23.34	0.216	23.39	0.218
15	16QAM	1	37	23.47	0.222	23.46	0.222	23.38	0.218
15	16QAM	1	74	23.48	0.223	23.53	0.225	23.49	0.223
15	16QAM	36	0	22.38	0.173	22.53	0.179	22.59	0.182
15	16QAM	36	20	22.42	0.175	22.47	0.177	22.39	0.173
15	16QAM	36	39	22.41	0.174	22.52	0.179	22.37	0.173
15	16QAM	75	0	22.40	0.174	22.45	0.176	22.50	0.178
15	64QAM	1	0	22.43	0.175	22.47	0.177	22.51	0.178
15	64QAM	1	37	22.47	0.177	22.53	0.179	22.28	0.169
15	64QAM	1	74	22.42	0.175	22.29	0.169	22.19	0.166
15	64QAM	36	0	22.39	0.173	22.43	0.175	22.47	0.177
15	64QAM	36	20	22.39	0.173	22.52	0.179	22.31	0.170
15	64QAM	36	39	22.36	0.172	22.51	0.178	22.45	0.176
15	64QAM	75	0	22.44	0.175	22.43	0.175	22.33	0.171
15	256QAM	1	0	18.47	0.070	18.51	0.071	18.55	0.072
15	256QAM	1	37	18.51	0.071	18.57	0.072	18.32	0.068
15	256QAM	1	74	18.46	0.070	18.33	0.068	18.23	0.067
15	256QAM	36	0	18.43	0.070	18.47	0.070	18.51	0.071
15	256QAM	36	20	18.43	0.070	18.56	0.072	18.35	0.068
15	256QAM	36	39	18.40	0.069	18.55	0.072	18.49	0.071
15	256QAM	75	0	18.48	0.070	18.47	0.070	18.37	0.069



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	24.22	0.264	24.28	0.268	24.24	0.265
10	QPSK	1	25	24.14	0.259	24.21	0.264	24.26	0.267
10	QPSK	1	49	24.25	0.266	24.26	0.267	24.27	0.267
10	QPSK	25	0	23.35	0.216	23.48	0.223	23.47	0.222
10	QPSK	25	12	23.42	0.220	23.47	0.222	23.46	0.222
10	QPSK	25	25	23.45	0.221	23.44	0.221	23.46	0.222
10	QPSK	50	0	23.50	0.224	23.51	0.224	23.43	0.220
10	16QAM	1	0	23.36	0.217	23.30	0.214	23.35	0.216
10	16QAM	1	25	23.43	0.220	23.42	0.220	23.34	0.216
10	16QAM	1	49	23.44	0.221	23.49	0.223	23.45	0.221
10	16QAM	25	0	22.34	0.171	22.49	0.177	22.55	0.180
10	16QAM	25	12	22.38	0.173	22.43	0.175	22.35	0.172
10	16QAM	25	25	22.37	0.173	22.48	0.177	22.33	0.171
10	16QAM	50	0	22.36	0.172	22.41	0.174	22.46	0.176
10	64QAM	1	0	22.39	0.173	22.43	0.175	22.47	0.177
10	64QAM	1	25	22.43	0.175	22.49	0.177	22.24	0.167
10	64QAM	1	49	22.38	0.173	22.25	0.168	22.15	0.164
10	64QAM	25	0	22.35	0.172	22.39	0.173	22.43	0.175
10	64QAM	25	12	22.35	0.172	22.48	0.177	22.27	0.169
10	64QAM	25	25	22.32	0.171	22.47	0.177	22.41	0.174
10	64QAM	50	0	22.40	0.174	22.39	0.173	22.29	0.169
10	256QAM	1	0	18.43	0.070	18.47	0.070	18.51	0.071
10	256QAM	1	25	18.47	0.070	18.53	0.071	18.28	0.067
10	256QAM	1	49	18.42	0.070	18.29	0.067	18.19	0.066
10	256QAM	25	0	18.39	0.069	18.43	0.070	18.47	0.070
10	256QAM	25	12	18.39	0.069	18.52	0.071	18.31	0.068
10	256QAM	25	25	18.36	0.069	18.51	0.071	18.45	0.070
10	256QAM	50	0	18.44	0.070	18.43	0.070	18.33	0.068



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	24.17	0.261	24.23	0.265	24.19	0.262
5	QPSK	1	12	24.09	0.256	24.16	0.261	24.21	0.264
5	QPSK	1	24	24.20	0.263	24.21	0.264	24.22	0.264
5	QPSK	12	0	23.30	0.214	23.43	0.220	23.42	0.220
5	QPSK	12	7	23.37	0.217	23.42	0.220	23.41	0.219
5	QPSK	12	13	23.40	0.219	23.39	0.218	23.41	0.219
5	QPSK	25	0	23.45	0.221	23.46	0.222	23.38	0.218
5	16QAM	1	0	23.31	0.214	23.25	0.211	23.30	0.214
5	16QAM	1	12	23.38	0.218	23.37	0.217	23.29	0.213
5	16QAM	1	24	23.39	0.218	23.44	0.221	23.40	0.219
5	16QAM	12	0	22.29	0.169	22.44	0.175	22.50	0.178
5	16QAM	12	7	22.33	0.171	22.38	0.173	22.30	0.170
5	16QAM	12	13	22.32	0.171	22.43	0.175	22.28	0.169
5	16QAM	25	0	22.31	0.170	22.36	0.172	22.41	0.174
5	64QAM	1	0	22.34	0.171	22.38	0.173	22.42	0.175
5	64QAM	1	12	22.38	0.173	22.44	0.175	22.19	0.166
5	64QAM	1	24	22.33	0.171	22.20	0.166	22.10	0.162
5	64QAM	12	0	22.30	0.170	22.34	0.171	22.38	0.173
5	64QAM	12	7	22.30	0.170	22.43	0.175	22.22	0.167
5	64QAM	12	13	22.27	0.169	22.42	0.175	22.36	0.172
5	64QAM	25	0	22.35	0.172	22.34	0.171	22.24	0.167
5	256QAM	1	0	18.38	0.069	18.42	0.070	18.46	0.070
5	256QAM	1	12	18.42	0.070	18.48	0.070	18.23	0.067
5	256QAM	1	24	18.37	0.069	18.24	0.067	18.14	0.065
5	256QAM	12	0	18.34	0.068	18.38	0.069	18.42	0.070
5	256QAM	12	7	18.34	0.068	18.47	0.070	18.26	0.067
5	256QAM	12	13	18.31	0.068	18.46	0.070	18.40	0.069
5	256QAM	25	0	18.39	0.069	18.38	0.069	18.28	0.067



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	18.93	0.078	18.98	0.079	18.86	0.077
10	QPSK	1	25	18.86	0.077	18.89	0.077	18.90	0.078
10	QPSK	1	49	18.76	0.075	18.91	0.078	18.93	0.078
10	QPSK	25	0	17.92	0.062	17.97	0.063	17.96	0.063
10	QPSK	25	12	17.94	0.062	17.85	0.061	17.92	0.062
10	QPSK	25	25	17.94	0.062	17.89	0.062	17.86	0.061
10	QPSK	50	0	17.88	0.061	17.87	0.061	17.93	0.062
10	16QAM	1	0	18.12	0.065	18.09	0.064	17.96	0.063
10	16QAM	1	25	17.87	0.061	17.94	0.062	17.94	0.062
10	16QAM	1	49	17.92	0.062	17.87	0.061	17.98	0.063
10	16QAM	25	0	16.90	0.049	16.92	0.049	17.03	0.050
10	16QAM	25	12	16.88	0.049	16.93	0.049	16.90	0.049
10	16QAM	25	25	17.00	0.050	16.97	0.050	16.99	0.050
10	16QAM	50	0	17.04	0.051	16.98	0.050	16.95	0.050
10	64QAM	1	0	17.04	0.051	16.99	0.050	16.89	0.049
10	64QAM	1	25	17.10	0.051	17.05	0.051	17.03	0.050
10	64QAM	1	49	17.16	0.052	17.18	0.052	17.12	0.052
10	64QAM	25	0	16.88	0.049	17.08	0.051	16.92	0.049
10	64QAM	25	12	16.95	0.050	17.01	0.050	17.03	0.050
10	64QAM	25	25	16.90	0.049	16.97	0.050	16.91	0.049
10	64QAM	50	0	16.94	0.049	16.92	0.049	16.95	0.050
10	256QAM	1	0	12.88	0.019	12.83	0.019	12.73	0.019
10	256QAM	1	25	12.94	0.020	12.89	0.019	12.87	0.019
10	256QAM	1	49	13.00	0.020	13.02	0.020	12.96	0.020
10	256QAM	25	0	12.72	0.019	12.92	0.020	12.76	0.019
10	256QAM	25	12	12.79	0.019	12.85	0.019	12.87	0.019
10	256QAM	25	25	12.74	0.019	12.81	0.019	12.75	0.019
10	256QAM	50	0	12.78	0.019	12.76	0.019	12.79	0.019



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	18.87	0.077	18.92	0.078	18.80	0.076
5	QPSK	1	12	18.80	0.076	18.83	0.076	18.84	0.077
5	QPSK	1	24	18.70	0.074	18.85	0.077	18.87	0.077
5	QPSK	12	0	17.86	0.061	17.91	0.062	17.90	0.062
5	QPSK	12	7	17.88	0.061	17.79	0.060	17.86	0.061
5	QPSK	12	13	17.88	0.061	17.83	0.061	17.80	0.060
5	QPSK	25	0	17.82	0.061	17.81	0.060	17.87	0.061
5	16QAM	1	0	18.06	0.064	18.03	0.064	17.90	0.062
5	16QAM	1	12	17.81	0.060	17.88	0.061	17.88	0.061
5	16QAM	1	24	17.86	0.061	17.81	0.060	17.92	0.062
5	16QAM	12	0	16.84	0.048	16.86	0.049	16.97	0.050
5	16QAM	12	7	16.82	0.048	16.87	0.049	16.84	0.048
5	16QAM	12	13	16.94	0.049	16.91	0.049	16.93	0.049
5	16QAM	25	0	16.98	0.050	16.92	0.049	16.89	0.049
5	64QAM	1	0	16.98	0.050	16.93	0.049	16.83	0.048
5	64QAM	1	12	17.04	0.051	16.99	0.050	16.97	0.050
5	64QAM	1	24	17.10	0.051	17.12	0.052	17.06	0.051
5	64QAM	12	0	16.82	0.048	17.02	0.050	16.86	0.049
5	64QAM	12	7	16.89	0.049	16.95	0.050	16.97	0.050
5	64QAM	12	13	16.84	0.048	16.91	0.049	16.85	0.048
5	64QAM	25	0	16.88	0.049	16.86	0.049	16.89	0.049
5	256QAM	1	0	12.82	0.019	12.77	0.019	12.67	0.018
5	256QAM	1	12	12.88	0.019	12.83	0.019	12.81	0.019
5	256QAM	1	24	12.94	0.020	12.96	0.020	12.90	0.019
5	256QAM	12	0	12.66	0.018	12.86	0.019	12.70	0.019
5	256QAM	12	7	12.73	0.019	12.79	0.019	12.81	0.019
5	256QAM	12	13	12.68	0.019	12.75	0.019	12.69	0.019
5	256QAM	25	0	12.72	0.019	12.70	0.019	12.73	0.019



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	18.82	0.076	18.87	0.077	18.75	0.075
3	QPSK	1	8	18.75	0.075	18.78	0.076	18.79	0.076
3	QPSK	1	14	18.65	0.073	18.80	0.076	18.82	0.076
3	QPSK	8	0	17.81	0.060	17.86	0.061	17.85	0.061
3	QPSK	8	4	17.83	0.061	17.74	0.059	17.81	0.060
3	QPSK	8	7	17.83	0.061	17.78	0.060	17.75	0.060
3	QPSK	15	0	17.77	0.060	17.76	0.060	17.82	0.061
3	16QAM	1	0	18.01	0.063	17.98	0.063	17.85	0.061
3	16QAM	1	8	17.76	0.060	17.83	0.061	17.83	0.061
3	16QAM	1	14	17.81	0.060	17.76	0.060	17.87	0.061
3	16QAM	8	0	16.79	0.048	16.81	0.048	16.92	0.049
3	16QAM	8	4	16.77	0.048	16.82	0.048	16.79	0.048
3	16QAM	8	7	16.89	0.049	16.86	0.049	16.88	0.049
3	16QAM	15	0	16.93	0.049	16.87	0.049	16.84	0.048
3	64QAM	1	0	16.93	0.049	16.88	0.049	16.78	0.048
3	64QAM	1	8	16.99	0.050	16.94	0.049	16.92	0.049
3	64QAM	1	14	17.05	0.051	17.07	0.051	17.01	0.050
3	64QAM	8	0	16.77	0.048	16.97	0.050	16.81	0.048
3	64QAM	8	4	16.84	0.048	16.90	0.049	16.92	0.049
3	64QAM	8	7	16.79	0.048	16.86	0.049	16.80	0.048
3	64QAM	15	0	16.83	0.048	16.81	0.048	16.84	0.048
3	256QAM	1	0	12.77	0.019	12.72	0.019	12.62	0.018
3	256QAM	1	8	12.83	0.019	12.78	0.019	12.76	0.019
3	256QAM	1	14	12.89	0.019	12.91	0.020	12.85	0.019
3	256QAM	8	0	12.61	0.018	12.81	0.019	12.65	0.018
3	256QAM	8	4	12.68	0.019	12.74	0.019	12.76	0.019
3	256QAM	8	7	12.63	0.018	12.70	0.019	12.64	0.018
3	256QAM	15	0	12.67	0.018	12.65	0.018	12.68	0.019



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	18.77	0.075	18.82	0.076	18.70	0.074
1.4	QPSK	1	3	18.70	0.074	18.73	0.075	18.74	0.075
1.4	QPSK	1	5	18.60	0.072	18.75	0.075	18.77	0.075
1.4	QPSK	3	0	17.76	0.060	17.81	0.060	17.80	0.060
1.4	QPSK	3	1	17.78	0.060	17.69	0.059	17.76	0.060
1.4	QPSK	3	3	17.78	0.060	17.73	0.059	17.70	0.059
1.4	QPSK	6	0	17.72	0.059	17.71	0.059	17.77	0.060
1.4	16QAM	1	0	17.96	0.063	17.93	0.062	17.80	0.060
1.4	16QAM	1	3	17.71	0.059	17.78	0.060	17.78	0.060
1.4	16QAM	1	5	17.76	0.060	17.71	0.059	17.82	0.061
1.4	16QAM	3	0	16.74	0.047	16.76	0.047	16.87	0.049
1.4	16QAM	3	1	16.72	0.047	16.77	0.048	16.74	0.047
1.4	16QAM	3	3	16.84	0.048	16.81	0.048	16.83	0.048
1.4	16QAM	6	0	16.88	0.049	16.82	0.048	16.79	0.048
1.4	64QAM	1	0	16.88	0.049	16.83	0.048	16.73	0.047
1.4	64QAM	1	3	16.94	0.049	16.89	0.049	16.87	0.049
1.4	64QAM	1	5	17.00	0.050	17.02	0.050	16.96	0.050
1.4	64QAM	3	0	16.72	0.047	16.92	0.049	16.76	0.047
1.4	64QAM	3	1	16.79	0.048	16.85	0.048	16.87	0.049
1.4	64QAM	3	3	16.74	0.047	16.81	0.048	16.75	0.047
1.4	64QAM	6	0	16.78	0.048	16.76	0.047	16.79	0.048
1.4	256QAM	1	0	12.72	0.019	12.67	0.018	12.57	0.018
1.4	256QAM	1	3	12.78	0.019	12.73	0.019	12.71	0.019
1.4	256QAM	1	5	12.84	0.019	12.86	0.019	12.80	0.019
1.4	256QAM	3	0	12.56	0.018	12.76	0.019	12.60	0.018
1.4	256QAM	3	1	12.63	0.018	12.69	0.019	12.71	0.019
1.4	256QAM	3	3	12.58	0.018	12.65	0.018	12.59	0.018
1.4	256QAM	6	0	12.62	0.018	12.60	0.018	12.63	0.018



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	/	/	18.10	0.065	/	/
10	QPSK	1	25	/	/	18.07	0.064	/	/
10	QPSK	1	49	/	/	17.97	0.063	/	/
10	QPSK	25	0	/	/	17.15	0.052	/	/
10	QPSK	25	12	/	/	17.07	0.051	/	/
10	QPSK	25	25	/	/	17.08	0.051	/	/
10	QPSK	50	0	/	/	17.09	0.051	/	/
10	16QAM	1	0	/	/	17.24	0.053	/	/
10	16QAM	1	25	/	/	17.21	0.053	/	/
10	16QAM	1	49	/	/	17.32	0.054	/	/
10	16QAM	25	0	/	/	16.18	0.041	/	/
10	16QAM	25	12	/	/	16.18	0.041	/	/
10	16QAM	25	25	/	/	16.10	0.041	/	/
10	16QAM	50	0	/	/	16.14	0.041	/	/
10	64QAM	1	0	/	/	16.26	0.042	/	/
10	64QAM	1	25	/	/	16.35	0.043	/	/
10	64QAM	1	49	/	/	16.29	0.043	/	/
10	64QAM	25	0	/	/	16.16	0.041	/	/
10	64QAM	25	12	/	/	16.13	0.041	/	/
10	64QAM	25	25	/	/	16.17	0.041	/	/
10	64QAM	50	0	/	/	16.08	0.041	/	/
10	256QAM	1	0	/	/	13.15	0.021	/	/
10	256QAM	1	25	/	/	13.24	0.021	/	/
10	256QAM	1	49	/	/	13.18	0.021	/	/
10	256QAM	25	0	/	/	13.05	0.020	/	/
10	256QAM	25	12	/	/	13.02	0.020	/	/
10	256QAM	25	25	/	/	13.06	0.020	/	/
10	256QAM	50	0	/	/	12.97	0.020	/	/



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	18.04	0.064	18.05	0.064	18.02	0.063
5	QPSK	1	12	17.99	0.063	17.95	0.062	18.01	0.063
5	QPSK	1	24	17.86	0.061	17.83	0.061	17.92	0.062
5	QPSK	12	0	17.09	0.051	17.05	0.051	17.06	0.051
5	QPSK	12	7	17.04	0.051	17.01	0.050	17.04	0.051
5	QPSK	12	13	17.03	0.050	17.01	0.050	16.95	0.050
5	QPSK	25	0	16.95	0.050	17.01	0.050	16.95	0.050
5	16QAM	1	0	17.18	0.052	17.19	0.052	17.18	0.052
5	16QAM	1	12	17.09	0.051	17.15	0.052	17.09	0.051
5	16QAM	1	24	17.22	0.053	17.19	0.052	17.20	0.052
5	16QAM	12	0	16.09	0.041	16.10	0.041	16.12	0.041
5	16QAM	12	7	16.05	0.040	16.06	0.040	16.08	0.041
5	16QAM	12	13	15.98	0.040	16.01	0.040	16.04	0.040
5	16QAM	25	0	16.07	0.040	16.00	0.040	16.07	0.040
5	64QAM	1	0	16.20	0.042	16.14	0.041	16.20	0.042
5	64QAM	1	12	16.22	0.042	16.27	0.042	16.29	0.043
5	64QAM	1	24	16.15	0.041	16.18	0.041	16.15	0.041
5	64QAM	12	0	16.11	0.041	16.11	0.041	16.02	0.040
5	64QAM	12	7	16.04	0.040	15.99	0.040	16.06	0.040
5	64QAM	12	13	16.11	0.041	16.09	0.041	16.06	0.040
5	64QAM	25	0	15.98	0.040	16.01	0.040	16.00	0.040
5	256QAM	1	0	13.01	0.020	13.03	0.020	13.09	0.020
5	256QAM	1	12	13.15	0.021	13.13	0.021	13.14	0.021
5	256QAM	1	24	13.07	0.020	13.04	0.020	13.04	0.020
5	256QAM	12	0	12.93	0.020	12.95	0.020	12.91	0.020
5	256QAM	12	7	12.92	0.020	12.96	0.020	12.94	0.020
5	256QAM	12	13	12.98	0.020	13.00	0.020	12.98	0.020
5	256QAM	25	0	12.89	0.019	12.92	0.020	12.89	0.019



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	19.25	0.084	19.30	0.085	19.18	0.083
10	QPSK	1	25	19.18	0.083	19.21	0.083	19.22	0.084
10	QPSK	1	49	19.08	0.081	19.23	0.084	19.25	0.084
10	QPSK	25	0	18.24	0.067	18.29	0.067	18.28	0.067
10	QPSK	25	12	18.26	0.067	18.17	0.066	18.24	0.067
10	QPSK	25	25	18.26	0.067	18.21	0.066	18.18	0.066
10	QPSK	50	0	18.20	0.066	18.19	0.066	18.25	0.067
10	16QAM	1	0	18.44	0.070	18.41	0.069	18.28	0.067
10	16QAM	1	25	18.19	0.066	18.26	0.067	18.26	0.067
10	16QAM	1	49	18.24	0.067	18.19	0.066	18.30	0.068
10	16QAM	25	0	17.22	0.053	17.24	0.053	17.35	0.054
10	16QAM	25	12	17.20	0.052	17.25	0.053	17.22	0.053
10	16QAM	25	25	17.32	0.054	17.29	0.054	17.31	0.054
10	16QAM	50	0	17.36	0.054	17.30	0.054	17.27	0.053
10	64QAM	1	0	17.36	0.054	17.31	0.054	17.21	0.053
10	64QAM	1	25	17.42	0.055	17.37	0.055	17.35	0.054
10	64QAM	1	49	17.48	0.056	17.50	0.056	17.44	0.055
10	64QAM	25	0	17.20	0.052	17.40	0.055	17.24	0.053
10	64QAM	25	12	17.27	0.053	17.33	0.054	17.35	0.054
10	64QAM	25	25	17.22	0.053	17.29	0.054	17.23	0.053
10	64QAM	50	0	17.26	0.053	17.24	0.053	17.27	0.053
10	256QAM	1	0	13.20	0.021	13.15	0.021	13.05	0.020
10	256QAM	1	25	13.26	0.021	13.21	0.021	13.19	0.021
10	256QAM	1	49	13.32	0.021	13.34	0.022	13.28	0.021
10	256QAM	25	0	13.04	0.020	13.24	0.021	13.08	0.020
10	256QAM	25	12	13.11	0.020	13.17	0.021	13.19	0.021
10	256QAM	25	25	13.06	0.020	13.13	0.021	13.07	0.020
10	256QAM	50	0	13.10	0.020	13.08	0.020	13.11	0.020



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	19.19	0.083	19.24	0.084	19.12	0.082
5	QPSK	1	12	19.12	0.082	19.15	0.082	19.16	0.082
5	QPSK	1	24	19.02	0.080	19.17	0.083	19.19	0.083
5	QPSK	12	0	18.18	0.066	18.23	0.067	18.22	0.066
5	QPSK	12	7	18.20	0.066	18.11	0.065	18.18	0.066
5	QPSK	12	13	18.20	0.066	18.15	0.065	18.12	0.065
5	QPSK	25	0	18.14	0.065	18.13	0.065	18.19	0.066
5	16QAM	1	0	18.38	0.069	18.35	0.068	18.22	0.066
5	16QAM	1	12	18.13	0.065	18.20	0.066	18.20	0.066
5	16QAM	1	24	18.18	0.066	18.13	0.065	18.24	0.067
5	16QAM	12	0	17.16	0.052	17.18	0.052	17.29	0.054
5	16QAM	12	7	17.14	0.052	17.19	0.052	17.16	0.052
5	16QAM	12	13	17.26	0.053	17.23	0.053	17.25	0.053
5	16QAM	25	0	17.30	0.054	17.24	0.053	17.21	0.053
5	64QAM	1	0	17.30	0.054	17.25	0.053	17.15	0.052
5	64QAM	1	12	17.36	0.054	17.31	0.054	17.29	0.054
5	64QAM	1	24	17.42	0.055	17.44	0.055	17.38	0.055
5	64QAM	12	0	17.14	0.052	17.34	0.054	17.18	0.052
5	64QAM	12	7	17.21	0.053	17.27	0.053	17.29	0.054
5	64QAM	12	13	17.16	0.052	17.23	0.053	17.17	0.052
5	64QAM	25	0	17.20	0.052	17.18	0.052	17.21	0.053
5	256QAM	1	0	13.14	0.021	13.09	0.020	12.99	0.020
5	256QAM	1	12	13.20	0.021	13.15	0.021	13.13	0.021
5	256QAM	1	24	13.26	0.021	13.28	0.021	13.22	0.021
5	256QAM	12	0	12.98	0.020	13.18	0.021	13.02	0.020
5	256QAM	12	7	13.05	0.020	13.11	0.020	13.13	0.021
5	256QAM	12	13	13.00	0.020	13.07	0.020	13.01	0.020
5	256QAM	25	0	13.04	0.020	13.02	0.020	13.05	0.020



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	dBm	W	dBm	W
15	QPSK	1	0	/	/	19.80	0.095	/	/
15	QPSK	1	37	/	/	19.79	0.095	/	/
15	QPSK	1	74	/	/	19.76	0.095	/	/
15	QPSK	36	0	/	/	18.89	0.077	/	/
15	QPSK	36	20	/	/	18.84	0.077	/	/
15	QPSK	36	39	/	/	18.80	0.076	/	/
15	QPSK	75	0	/	/	18.85	0.077	/	/
15	16QAM	1	0	/	/	19.15	0.082	/	/
15	16QAM	1	37	/	/	18.87	0.077	/	/
15	16QAM	1	74	/	/	19.01	0.080	/	/
15	16QAM	36	0	/	/	17.92	0.062	/	/
15	16QAM	36	20	/	/	17.96	0.063	/	/
15	16QAM	36	39	/	/	17.90	0.062	/	/
15	16QAM	75	0	/	/	17.85	0.061	/	/
15	64QAM	1	0	/	/	18.05	0.064	/	/
15	64QAM	1	25	/	/	18.13	0.065	/	/
15	64QAM	1	49	/	/	17.93	0.062	/	/
15	64QAM	25	0	/	/	17.94	0.062	/	/
15	64QAM	25	12	/	/	17.88	0.061	/	/
15	64QAM	25	25	/	/	17.92	0.062	/	/
15	64QAM	50	0	/	/	17.81	0.060	/	/
15	256QAM	1	0	/	/	14.06	0.025	/	/
15	256QAM	1	49	/	/	14.14	0.026	/	/
15	256QAM	1	99	/	/	13.94	0.025	/	/
15	256QAM	50	0	/	/	13.95	0.025	/	/
15	256QAM	50	24	/	/	13.89	0.024	/	/
15	256QAM	50	50	/	/	13.93	0.025	/	/
15	256QAM	100	0	/	/	13.82	0.024	/	/



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	19.73	0.094	19.75	0.094	19.60	0.091
10	QPSK	1	25	19.72	0.094	19.74	0.094	19.70	0.093
10	QPSK	1	49	19.63	0.092	19.71	0.094	19.73	0.094
10	QPSK	25	0	18.83	0.076	18.84	0.077	18.82	0.076
10	QPSK	25	12	18.80	0.076	18.79	0.076	18.79	0.076
10	QPSK	25	25	18.81	0.076	18.75	0.075	18.76	0.075
10	QPSK	50	0	18.82	0.076	18.80	0.076	18.80	0.076
10	16QAM	1	0	18.94	0.078	19.10	0.081	18.77	0.075
10	16QAM	1	25	18.76	0.075	18.82	0.076	18.87	0.077
10	16QAM	1	49	18.90	0.078	18.96	0.079	18.98	0.079
10	16QAM	25	0	17.83	0.061	17.87	0.061	17.75	0.060
10	16QAM	25	12	17.89	0.062	17.91	0.062	17.90	0.062
10	16QAM	25	25	17.91	0.062	17.85	0.061	17.84	0.061
10	16QAM	50	0	17.76	0.060	17.80	0.060	17.81	0.060
10	64QAM	1	0	17.81	0.060	18.00	0.063	17.89	0.062
10	64QAM	1	25	18.04	0.064	18.08	0.064	17.95	0.062
10	64QAM	1	49	17.89	0.062	17.88	0.061	17.86	0.061
10	64QAM	25	0	17.77	0.060	17.89	0.062	17.78	0.060
10	64QAM	25	12	17.76	0.060	17.83	0.061	17.80	0.060
10	64QAM	25	25	17.84	0.061	17.87	0.061	17.83	0.061
10	64QAM	50	0	17.80	0.060	17.76	0.060	17.81	0.060
10	256QAM	1	0	13.82	0.024	14.01	0.025	13.90	0.025
10	256QAM	1	37	14.05	0.025	14.09	0.026	13.96	0.025
10	256QAM	1	74	13.90	0.025	13.89	0.024	13.87	0.024
10	256QAM	36	0	13.78	0.024	13.90	0.025	13.79	0.024
10	256QAM	36	20	13.77	0.024	13.84	0.024	13.81	0.024
10	256QAM	36	39	13.85	0.024	13.88	0.024	13.84	0.024
10	256QAM	75	0	13.81	0.024	13.77	0.024	13.82	0.024



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
5	QPSK	1	0	19.67	0.093	19.69	0.093	19.54	0.090
5	QPSK	1	12	19.66	0.092	19.68	0.093	19.64	0.092
5	QPSK	1	24	19.57	0.091	19.65	0.092	19.67	0.093
5	QPSK	12	0	18.77	0.075	18.78	0.076	18.76	0.075
5	QPSK	12	7	18.74	0.075	18.73	0.075	18.73	0.075
5	QPSK	12	13	18.75	0.075	18.69	0.074	18.70	0.074
5	QPSK	25	0	18.76	0.075	18.74	0.075	18.74	0.075
5	16QAM	1	0	18.88	0.077	19.04	0.080	18.71	0.074
5	16QAM	1	12	18.70	0.074	18.76	0.075	18.81	0.076
5	16QAM	1	24	18.84	0.077	18.90	0.078	18.92	0.078
5	16QAM	12	0	17.77	0.060	17.81	0.060	17.69	0.059
5	16QAM	12	7	17.83	0.061	17.85	0.061	17.84	0.061
5	16QAM	12	13	17.85	0.061	17.79	0.060	17.78	0.060
5	16QAM	25	0	17.70	0.059	17.74	0.059	17.75	0.060
5	64QAM	1	0	17.75	0.060	17.94	0.062	17.83	0.061
5	64QAM	1	12	17.98	0.063	18.02	0.063	17.89	0.062
5	64QAM	1	24	17.83	0.061	17.82	0.061	17.80	0.060
5	64QAM	12	0	17.71	0.059	17.83	0.061	17.72	0.059
5	64QAM	12	7	17.70	0.059	17.77	0.060	17.74	0.059
5	64QAM	12	13	17.78	0.060	17.81	0.060	17.77	0.060
5	64QAM	25	0	17.74	0.059	17.70	0.059	17.75	0.060
5	256QAM	1	0	13.76	0.024	13.95	0.025	13.84	0.024
5	256QAM	1	25	13.99	0.025	14.03	0.025	13.90	0.025
5	256QAM	1	49	13.84	0.024	13.83	0.024	13.81	0.024
5	256QAM	25	0	13.72	0.024	13.84	0.024	13.73	0.024
5	256QAM	25	12	13.71	0.023	13.78	0.024	13.75	0.024
5	256QAM	25	25	13.79	0.024	13.82	0.024	13.78	0.024
5	256QAM	50	0	13.75	0.024	13.71	0.023	13.76	0.024



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	24.50	0.282	24.56	0.286	24.48	0.281
20	QPSK	1	49	24.37	0.274	24.34	0.272	24.31	0.270
20	QPSK	1	99	24.35	0.272	24.26	0.267	24.24	0.265
20	QPSK	50	0	23.52	0.225	23.53	0.225	23.50	0.224
20	QPSK	50	24	23.49	0.223	23.45	0.221	23.47	0.222
20	QPSK	50	50	23.48	0.223	23.39	0.218	23.41	0.219
20	QPSK	100	0	23.47	0.222	23.48	0.223	23.47	0.222
20	16QAM	1	0	23.40	0.219	23.40	0.219	23.42	0.220
20	16QAM	1	49	23.49	0.223	23.46	0.222	23.45	0.221
20	16QAM	1	99	23.31	0.214	23.43	0.220	23.44	0.221
20	16QAM	50	0	22.52	0.179	22.37	0.173	22.38	0.173
20	16QAM	50	24	22.42	0.175	22.41	0.174	22.31	0.170
20	16QAM	50	50	22.37	0.173	22.35	0.172	22.36	0.172
20	16QAM	100	0	22.36	0.172	22.45	0.176	22.35	0.172
20	64QAM	1	0	22.43	0.175	22.44	0.175	22.37	0.173
20	64QAM	1	49	22.38	0.173	22.40	0.174	22.47	0.177
20	64QAM	1	99	22.45	0.176	22.42	0.175	22.40	0.174
20	64QAM	50	0	22.41	0.174	22.36	0.172	22.39	0.173
20	64QAM	50	24	22.41	0.174	22.47	0.177	22.38	0.173
20	64QAM	50	50	22.32	0.171	22.38	0.173	22.32	0.171
20	64QAM	100	0	22.47	0.177	22.46	0.176	22.26	0.168
20	256QAM	1	0	18.50	0.071	18.51	0.071	18.44	0.070
20	256QAM	1	49	18.45	0.070	18.47	0.070	18.54	0.071
20	256QAM	1	99	18.52	0.071	18.49	0.071	18.47	0.070
20	256QAM	50	0	18.48	0.070	18.43	0.070	18.46	0.070
20	256QAM	50	24	18.48	0.070	18.54	0.071	18.45	0.070
20	256QAM	50	50	18.39	0.069	18.45	0.070	18.39	0.069
20	256QAM	100	0	18.54	0.071	18.53	0.071	18.33	0.068



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	24.45	0.279	24.51	0.282	24.43	0.277
15	QPSK	1	37	24.32	0.270	24.29	0.269	24.26	0.267
15	QPSK	1	74	24.30	0.269	24.21	0.264	24.19	0.262
15	QPSK	36	0	23.47	0.222	23.48	0.223	23.45	0.221
15	QPSK	36	20	23.44	0.221	23.40	0.219	23.42	0.220
15	QPSK	36	39	23.43	0.220	23.34	0.216	23.36	0.217
15	QPSK	75	0	23.42	0.220	23.43	0.220	23.42	0.220
15	16QAM	1	0	23.35	0.216	23.35	0.216	23.37	0.217
15	16QAM	1	37	23.44	0.221	23.41	0.219	23.40	0.219
15	16QAM	1	74	23.26	0.212	23.38	0.218	23.39	0.218
15	16QAM	36	0	22.47	0.177	22.32	0.171	22.33	0.171
15	16QAM	36	20	22.37	0.173	22.36	0.172	22.26	0.168
15	16QAM	36	39	22.32	0.171	22.30	0.170	22.31	0.170
15	16QAM	75	0	22.31	0.170	22.40	0.174	22.30	0.170
15	64QAM	1	0	22.38	0.173	22.39	0.173	22.32	0.171
15	64QAM	1	37	22.33	0.171	22.35	0.172	22.42	0.175
15	64QAM	1	74	22.40	0.174	22.37	0.173	22.35	0.172
15	64QAM	36	0	22.36	0.172	22.31	0.170	22.34	0.171
15	64QAM	36	20	22.36	0.172	22.42	0.175	22.33	0.171
15	64QAM	36	39	22.27	0.169	22.33	0.171	22.27	0.169
15	64QAM	75	0	22.42	0.175	22.41	0.174	22.21	0.166
15	256QAM	1	0	18.45	0.070	18.46	0.070	18.39	0.069
15	256QAM	1	37	18.40	0.069	18.42	0.070	18.49	0.071
15	256QAM	1	74	18.47	0.070	18.44	0.070	18.42	0.070
15	256QAM	36	0	18.43	0.070	18.38	0.069	18.41	0.069
15	256QAM	36	20	18.43	0.070	18.49	0.071	18.40	0.069
15	256QAM	36	39	18.34	0.068	18.40	0.069	18.34	0.068
15	256QAM	75	0	18.49	0.071	18.48	0.070	18.28	0.067



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	24.39	0.275	24.45	0.279	24.37	0.274
10	QPSK	1	25	24.26	0.267	24.23	0.265	24.20	0.263
10	QPSK	1	49	24.24	0.265	24.15	0.260	24.13	0.259
10	QPSK	25	0	23.41	0.219	23.42	0.220	23.39	0.218
10	QPSK	25	12	23.38	0.218	23.34	0.216	23.36	0.217
10	QPSK	25	25	23.37	0.217	23.28	0.213	23.30	0.214
10	QPSK	50	0	23.36	0.217	23.37	0.217	23.36	0.217
10	16QAM	1	0	23.29	0.213	23.29	0.213	23.31	0.214
10	16QAM	1	25	23.38	0.218	23.35	0.216	23.34	0.216
10	16QAM	1	49	23.20	0.209	23.32	0.215	23.33	0.215
10	16QAM	25	0	22.41	0.174	22.26	0.168	22.27	0.169
10	16QAM	25	12	22.31	0.170	22.30	0.170	22.20	0.166
10	16QAM	25	25	22.26	0.168	22.24	0.167	22.25	0.168
10	16QAM	50	0	22.25	0.168	22.34	0.171	22.24	0.167
10	64QAM	1	0	22.32	0.171	22.33	0.171	22.26	0.168
10	64QAM	1	25	22.27	0.169	22.29	0.169	22.36	0.172
10	64QAM	1	49	22.34	0.171	22.31	0.170	22.29	0.169
10	64QAM	25	0	22.30	0.170	22.25	0.168	22.28	0.169
10	64QAM	25	12	22.30	0.170	22.36	0.172	22.27	0.169
10	64QAM	25	25	22.21	0.166	22.27	0.169	22.21	0.166
10	64QAM	50	0	22.36	0.172	22.35	0.172	22.15	0.164
10	256QAM	1	0	18.39	0.069	18.40	0.069	18.33	0.068
10	256QAM	1	25	18.34	0.068	18.36	0.069	18.43	0.070
10	256QAM	1	49	18.41	0.069	18.38	0.069	18.36	0.069
10	256QAM	25	0	18.37	0.069	18.32	0.068	18.35	0.068
10	256QAM	25	12	18.37	0.069	18.43	0.070	18.34	0.068
10	256QAM	25	25	18.28	0.067	18.34	0.068	18.28	0.067
10	256QAM	50	0	18.43	0.070	18.42	0.070	18.22	0.066



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	24.35	0.272	24.41	0.276	24.33	0.271
5	QPSK	1	12	24.22	0.264	24.19	0.262	24.16	0.261
5	QPSK	1	24	24.20	0.263	24.11	0.258	24.09	0.256
5	QPSK	12	0	23.37	0.217	23.38	0.218	23.35	0.216
5	QPSK	12	7	23.34	0.216	23.30	0.214	23.32	0.215
5	QPSK	12	13	23.33	0.215	23.24	0.211	23.26	0.212
5	QPSK	25	0	23.32	0.215	23.33	0.215	23.32	0.215
5	16QAM	1	0	23.25	0.211	23.25	0.211	23.27	0.212
5	16QAM	1	12	23.34	0.216	23.31	0.214	23.30	0.214
5	16QAM	1	24	23.16	0.207	23.28	0.213	23.29	0.213
5	16QAM	12	0	22.37	0.173	22.22	0.167	22.23	0.167
5	16QAM	12	7	22.27	0.169	22.26	0.168	22.16	0.164
5	16QAM	12	13	22.22	0.167	22.20	0.166	22.21	0.166
5	16QAM	25	0	22.21	0.166	22.30	0.170	22.20	0.166
5	64QAM	1	0	22.28	0.169	22.29	0.169	22.22	0.167
5	64QAM	1	12	22.23	0.167	22.25	0.168	22.32	0.171
5	64QAM	1	24	22.30	0.170	22.27	0.169	22.25	0.168
5	64QAM	12	0	22.26	0.168	22.21	0.166	22.24	0.167
5	64QAM	12	7	22.26	0.168	22.32	0.171	22.23	0.167
5	64QAM	12	13	22.17	0.165	22.23	0.167	22.17	0.165
5	64QAM	25	0	22.32	0.171	22.31	0.170	22.11	0.163
5	256QAM	1	0	18.35	0.068	18.36	0.069	18.29	0.067
5	256QAM	1	12	18.30	0.068	18.32	0.068	18.39	0.069
5	256QAM	1	24	18.37	0.069	18.34	0.068	18.32	0.068
5	256QAM	12	0	18.33	0.068	18.28	0.067	18.31	0.068
5	256QAM	12	7	18.33	0.068	18.39	0.069	18.30	0.068
5	256QAM	12	13	18.24	0.067	18.30	0.068	18.24	0.067
5	256QAM	25	0	18.39	0.069	18.38	0.069	18.18	0.066



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	24.33	0.271	24.39	0.275	24.31	0.270
3	QPSK	1	8	24.20	0.263	24.17	0.261	24.14	0.259
3	QPSK	1	14	24.18	0.262	24.09	0.256	24.07	0.255
3	QPSK	8	0	23.35	0.216	23.36	0.217	23.33	0.215
3	QPSK	8	4	23.32	0.215	23.28	0.213	23.30	0.214
3	QPSK	8	7	23.31	0.214	23.22	0.210	23.24	0.211
3	QPSK	15	0	23.30	0.214	23.31	0.214	23.30	0.214
3	16QAM	1	0	23.23	0.210	23.23	0.210	23.25	0.211
3	16QAM	1	8	23.32	0.215	23.29	0.213	23.28	0.213
3	16QAM	1	14	23.14	0.206	23.26	0.212	23.27	0.212
3	16QAM	8	0	22.35	0.172	22.20	0.166	22.21	0.166
3	16QAM	8	4	22.25	0.168	22.24	0.167	22.14	0.164
3	16QAM	8	7	22.20	0.166	22.18	0.165	22.19	0.166
3	16QAM	15	0	22.19	0.166	22.28	0.169	22.18	0.165
3	64QAM	1	0	22.26	0.168	22.27	0.169	22.20	0.166
3	64QAM	1	8	22.21	0.166	22.23	0.167	22.30	0.170
3	64QAM	1	14	22.28	0.169	22.25	0.168	22.23	0.167
3	64QAM	8	0	22.24	0.167	22.19	0.166	22.22	0.167
3	64QAM	8	4	22.24	0.167	22.30	0.170	22.21	0.166
3	64QAM	8	7	22.15	0.164	22.21	0.166	22.15	0.164
3	64QAM	15	0	22.30	0.170	22.29	0.169	22.09	0.162
3	256QAM	1	0	18.33	0.068	18.34	0.068	18.27	0.067
3	256QAM	1	8	18.28	0.067	18.30	0.068	18.37	0.069
3	256QAM	1	14	18.35	0.068	18.32	0.068	18.30	0.068
3	256QAM	8	0	18.31	0.068	18.26	0.067	18.29	0.067
3	256QAM	8	4	18.31	0.068	18.37	0.069	18.28	0.067
3	256QAM	8	7	18.22	0.066	18.28	0.067	18.22	0.066
3	256QAM	15	0	18.37	0.069	18.36	0.069	18.16	0.065



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	24.30	0.269	24.36	0.273	24.28	0.268
1.4	QPSK	1	3	24.17	0.261	24.14	0.259	24.11	0.258
1.4	QPSK	1	5	24.15	0.260	24.06	0.255	24.04	0.254
1.4	QPSK	3	0	23.32	0.215	23.33	0.215	23.30	0.214
1.4	QPSK	3	1	23.29	0.213	23.25	0.211	23.27	0.212
1.4	QPSK	3	3	23.28	0.213	23.19	0.208	23.21	0.209
1.4	QPSK	6	0	23.27	0.212	23.28	0.213	23.27	0.212
1.4	16QAM	1	0	23.20	0.209	23.20	0.209	23.22	0.210
1.4	16QAM	1	3	23.29	0.213	23.26	0.212	23.25	0.211
1.4	16QAM	1	5	23.11	0.205	23.23	0.210	23.24	0.211
1.4	16QAM	3	0	22.32	0.171	22.17	0.165	22.18	0.165
1.4	16QAM	3	1	22.22	0.167	22.21	0.166	22.11	0.163
1.4	16QAM	3	3	22.17	0.165	22.15	0.164	22.16	0.164
1.4	16QAM	6	0	22.16	0.164	22.25	0.168	22.15	0.164
1.4	64QAM	1	0	22.23	0.167	22.24	0.167	22.17	0.165
1.4	64QAM	1	3	22.18	0.165	22.20	0.166	22.27	0.169
1.4	64QAM	1	5	22.25	0.168	22.22	0.167	22.20	0.166
1.4	64QAM	3	0	22.21	0.166	22.16	0.164	22.19	0.166
1.4	64QAM	3	1	22.21	0.166	22.27	0.169	22.18	0.165
1.4	64QAM	3	3	22.12	0.163	22.18	0.165	22.12	0.163
1.4	64QAM	6	0	22.27	0.169	22.26	0.168	22.06	0.161
1.4	256QAM	1	0	18.30	0.068	18.31	0.068	18.24	0.067
1.4	256QAM	1	3	18.25	0.067	18.27	0.067	18.34	0.068
1.4	256QAM	1	5	18.32	0.068	18.29	0.067	18.27	0.067
1.4	256QAM	3	0	18.28	0.067	18.23	0.067	18.26	0.067
1.4	256QAM	3	1	18.28	0.067	18.34	0.068	18.25	0.067
1.4	256QAM	3	3	18.19	0.066	18.25	0.067	18.19	0.066
1.4	256QAM	6	0	18.34	0.068	18.33	0.068	18.13	0.065



LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26865		26915		26965	
Frequency (MHz)				831.5		836.5		841.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	19.15	0.082	18.93	0.078	19.31	0.085
15	QPSK	1	37	18.89	0.077	18.80	0.076	18.96	0.079
15	QPSK	1	74	18.96	0.079	18.60	0.072	18.96	0.079
15	QPSK	36	0	18.00	0.063	17.98	0.063	17.95	0.062
15	QPSK	36	20	18.22	0.066	18.21	0.066	18.06	0.064
15	QPSK	36	39	18.26	0.067	18.04	0.064	18.28	0.067
15	QPSK	75	0	18.01	0.063	18.00	0.063	18.01	0.063
15	16QAM	1	0	18.08	0.064	17.76	0.060	18.10	0.065
15	16QAM	1	37	18.17	0.066	18.06	0.064	18.13	0.065
15	16QAM	1	74	18.35	0.068	18.03	0.064	18.10	0.065
15	16QAM	36	0	16.97	0.050	17.02	0.050	17.23	0.053
15	16QAM	36	20	17.16	0.052	16.96	0.050	17.22	0.053
15	16QAM	36	39	17.25	0.053	17.15	0.052	16.93	0.049
15	16QAM	75	0	16.88	0.049	17.30	0.054	17.09	0.051
15	64QAM	1	0	16.24	0.042	16.73	0.047	17.05	0.051
15	64QAM	1	37	17.32	0.054	16.59	0.046	17.16	0.052
15	64QAM	1	74	16.77	0.048	16.87	0.049	16.61	0.046
15	64QAM	36	0	16.21	0.042	16.04	0.040	16.23	0.042
15	64QAM	36	20	16.34	0.043	16.32	0.043	16.19	0.042
15	64QAM	36	39	16.39	0.044	16.25	0.042	16.38	0.043
15	64QAM	75	0	16.14	0.041	16.36	0.043	16.21	0.042
15	256QAM	1	0	15.17	0.033	15.31	0.034	15.20	0.033
15	256QAM	1	37	15.19	0.033	15.21	0.033	15.40	0.035
15	256QAM	1	74	14.94	0.031	15.44	0.035	15.32	0.034
15	256QAM	36	0	14.53	0.028	14.65	0.029	14.66	0.029
15	256QAM	36	20	14.77	0.030	14.71	0.030	14.71	0.030
15	256QAM	36	39	14.73	0.030	14.74	0.030	14.65	0.029
15	256QAM	75	0	14.35	0.027	14.71	0.030	14.76	0.030



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	18.87	0.077	18.81	0.076	19.20	0.083
10	QPSK	1	25	18.95	0.079	19.14	0.082	19.04	0.080
10	QPSK	1	49	18.71	0.074	18.66	0.073	18.60	0.072
10	QPSK	25	0	18.00	0.063	18.25	0.067	18.25	0.067
10	QPSK	25	12	18.32	0.068	18.41	0.069	18.22	0.066
10	QPSK	25	25	18.15	0.065	18.25	0.067	18.08	0.064
10	QPSK	50	0	18.31	0.068	18.29	0.067	18.21	0.066
10	16QAM	1	0	18.11	0.065	18.39	0.069	18.31	0.068
10	16QAM	1	25	18.04	0.064	18.25	0.067	17.97	0.063
10	16QAM	1	49	18.03	0.064	17.82	0.061	18.47	0.070
10	16QAM	25	0	17.26	0.053	17.02	0.050	16.87	0.049
10	16QAM	25	12	16.89	0.049	16.82	0.048	17.20	0.052
10	16QAM	25	25	17.13	0.052	17.17	0.052	17.12	0.052
10	16QAM	50	0	17.15	0.052	17.12	0.052	17.02	0.050
10	64QAM	1	0	17.17	0.052	16.57	0.045	16.97	0.050
10	64QAM	1	25	16.88	0.049	16.80	0.048	16.61	0.046
10	64QAM	1	49	17.32	0.054	16.67	0.046	17.00	0.050
10	64QAM	25	0	16.39	0.044	16.40	0.044	16.13	0.041
10	64QAM	25	12	16.47	0.044	16.49	0.045	16.47	0.044
10	64QAM	25	25	16.45	0.044	16.30	0.043	16.43	0.044
10	64QAM	50	0	16.53	0.045	16.34	0.043	16.32	0.043
10	256QAM	1	0	15.27	0.034	15.07	0.032	15.28	0.034
10	256QAM	1	25	15.19	0.033	15.57	0.036	15.08	0.032
10	256QAM	1	49	15.48	0.035	15.25	0.033	15.38	0.035
10	256QAM	25	0	14.92	0.031	14.91	0.031	14.49	0.028
10	256QAM	25	12	15.07	0.032	14.98	0.031	14.82	0.030
10	256QAM	25	25	15.00	0.032	14.53	0.028	15.10	0.032
10	256QAM	50	0	14.86	0.031	15.22	0.033	14.49	0.028



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	19.13	0.082	19.00	0.079	18.86	0.077
5	QPSK	1	12	19.12	0.082	19.15	0.082	18.84	0.077
5	QPSK	1	24	18.91	0.078	18.95	0.079	18.71	0.074
5	QPSK	12	0	18.12	0.065	17.96	0.063	18.30	0.068
5	QPSK	12	7	18.24	0.067	18.08	0.064	18.29	0.067
5	QPSK	12	13	18.10	0.065	18.06	0.064	18.12	0.065
5	QPSK	25	0	17.98	0.063	18.19	0.066	17.81	0.060
5	16QAM	1	0	18.10	0.065	18.21	0.066	18.27	0.067
5	16QAM	1	12	18.19	0.066	18.11	0.065	18.12	0.065
5	16QAM	1	24	17.91	0.062	17.76	0.060	17.63	0.058
5	16QAM	12	0	17.13	0.052	17.07	0.051	16.92	0.049
5	16QAM	12	7	16.54	0.045	17.41	0.055	17.50	0.056
5	16QAM	12	13	17.32	0.054	17.26	0.053	17.00	0.050
5	16QAM	25	0	17.09	0.051	17.22	0.053	17.07	0.051
5	64QAM	1	0	16.98	0.050	16.74	0.047	16.82	0.048
5	64QAM	1	12	16.98	0.050	16.72	0.047	17.02	0.050
5	64QAM	1	24	17.80	0.060	17.02	0.050	16.90	0.049
5	64QAM	12	0	16.40	0.044	16.02	0.040	15.90	0.039
5	64QAM	12	7	16.43	0.044	16.68	0.047	16.48	0.044
5	64QAM	12	13	16.16	0.041	16.40	0.044	15.90	0.039
5	64QAM	25	0	16.37	0.043	16.25	0.042	15.90	0.039
5	256QAM	1	0	15.68	0.037	15.95	0.039	15.46	0.035
5	256QAM	1	12	16.08	0.041	15.48	0.035	15.45	0.035
5	256QAM	1	24	15.50	0.035	15.49	0.035	15.32	0.034
5	256QAM	12	0	14.70	0.030	14.75	0.030	14.83	0.030
5	256QAM	12	7	14.65	0.029	14.94	0.031	14.81	0.030
5	256QAM	12	13	14.41	0.028	14.86	0.031	14.39	0.027
5	256QAM	25	0	14.63	0.029	14.77	0.030	14.63	0.029



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	18.85	0.077	18.68	0.074	18.93	0.078
3	QPSK	1	8	18.76	0.075	18.72	0.074	18.91	0.078
3	QPSK	1	14	18.76	0.075	18.71	0.074	19.30	0.085
3	QPSK	8	0	18.15	0.065	17.86	0.061	18.03	0.064
3	QPSK	8	4	18.28	0.067	18.34	0.068	18.18	0.066
3	QPSK	8	7	18.16	0.065	18.19	0.066	18.06	0.064
3	QPSK	15	0	18.31	0.068	18.16	0.065	18.09	0.064
3	16QAM	1	0	18.05	0.064	18.31	0.068	18.03	0.064
3	16QAM	1	8	18.11	0.065	18.49	0.071	18.34	0.068
3	16QAM	1	14	17.84	0.061	18.42	0.070	18.19	0.066
3	16QAM	8	0	17.19	0.052	16.89	0.049	17.33	0.054
3	16QAM	8	4	17.05	0.051	17.25	0.053	17.51	0.056
3	16QAM	8	7	17.11	0.051	17.15	0.052	17.35	0.054
3	16QAM	15	0	17.27	0.053	17.24	0.053	16.96	0.050
3	64QAM	1	0	17.56	0.057	16.68	0.047	17.71	0.059
3	64QAM	1	8	16.91	0.049	17.06	0.051	16.88	0.049
3	64QAM	1	14	17.51	0.056	17.17	0.052	17.22	0.053
3	64QAM	8	0	16.35	0.043	16.37	0.043	16.45	0.044
3	64QAM	8	4	16.50	0.045	16.22	0.042	16.55	0.045
3	64QAM	8	7	16.25	0.042	16.20	0.042	16.22	0.042
3	64QAM	15	0	16.17	0.041	16.38	0.043	16.37	0.043
3	256QAM	1	0	15.74	0.037	15.67	0.037	16.10	0.041
3	256QAM	1	8	15.57	0.036	16.20	0.042	15.56	0.036
3	256QAM	1	14	15.34	0.034	15.48	0.035	16.20	0.042
3	256QAM	8	0	14.92	0.031	14.83	0.030	14.78	0.030
3	256QAM	8	4	15.04	0.032	14.78	0.030	14.87	0.031
3	256QAM	8	7	14.98	0.031	14.61	0.029	14.42	0.028
3	256QAM	15	0	14.42	0.028	14.41	0.028	14.84	0.030



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	18.77	0.075	18.78	0.076	18.88	0.077
1.4	QPSK	1	3	18.75	0.075	18.82	0.076	18.75	0.075
1.4	QPSK	1	5	18.97	0.079	18.86	0.077	18.91	0.078
1.4	QPSK	3	0	18.99	0.079	18.97	0.079	18.92	0.078
1.4	QPSK	3	1	18.78	0.076	18.84	0.077	18.74	0.075
1.4	QPSK	3	3	18.78	0.076	18.60	0.072	18.81	0.076
1.4	QPSK	6	0	18.14	0.065	18.13	0.065	17.95	0.062
1.4	16QAM	1	0	18.03	0.064	18.28	0.067	18.04	0.064
1.4	16QAM	1	3	17.71	0.059	18.00	0.063	18.11	0.065
1.4	16QAM	1	5	18.02	0.063	18.05	0.064	18.11	0.065
1.4	16QAM	3	0	17.90	0.062	17.71	0.059	17.83	0.061
1.4	16QAM	3	1	17.78	0.060	17.57	0.057	17.70	0.059
1.4	16QAM	3	3	17.71	0.059	17.86	0.061	17.92	0.062
1.4	16QAM	6	0	17.12	0.052	17.14	0.052	17.11	0.051
1.4	64QAM	1	0	16.93	0.049	16.72	0.047	17.60	0.058
1.4	64QAM	1	3	16.45	0.044	16.68	0.047	16.90	0.049
1.4	64QAM	1	5	16.61	0.046	16.69	0.047	17.20	0.052
1.4	64QAM	3	0	17.39	0.055	17.11	0.051	17.29	0.054
1.4	64QAM	3	1	17.18	0.052	17.14	0.052	17.10	0.051
1.4	64QAM	3	3	17.22	0.053	17.24	0.053	17.06	0.051
1.4	64QAM	6	0	15.87	0.039	16.07	0.040	15.94	0.039
1.4	256QAM	1	0	15.48	0.035	15.70	0.037	15.42	0.035
1.4	256QAM	1	3	15.20	0.033	15.20	0.033	15.77	0.038
1.4	256QAM	1	5	15.02	0.032	15.40	0.035	15.92	0.039
1.4	256QAM	3	0	15.74	0.037	15.43	0.035	15.38	0.035
1.4	256QAM	3	1	15.49	0.035	15.67	0.037	15.56	0.036
1.4	256QAM	3	3	15.48	0.035	15.63	0.037	15.41	0.035
1.4	256QAM	6	0	14.55	0.029	14.59	0.029	14.65	0.029



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				39750		40620		41490	
Frequency (MHz)				2506		2593		2680	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	22.99	0.199	23.03	0.201	23.01	0.200
20	QPSK	1	49	22.86	0.193	22.99	0.199	22.83	0.192
20	QPSK	1	99	22.98	0.199	22.95	0.197	22.77	0.189
20	QPSK	50	0	21.98	0.158	22.05	0.160	22.00	0.158
20	QPSK	50	24	22.01	0.159	22.02	0.159	21.88	0.154
20	QPSK	50	50	21.98	0.158	21.91	0.155	21.84	0.153
20	QPSK	100	0	22.01	0.159	22.04	0.160	21.91	0.155
20	16QAM	1	0	22.11	0.163	22.12	0.163	22.00	0.158
20	16QAM	1	49	22.01	0.159	22.04	0.160	22.08	0.161
20	16QAM	1	99	21.93	0.156	21.97	0.157	21.94	0.156
20	16QAM	50	0	20.98	0.125	21.05	0.127	20.86	0.122
20	16QAM	50	24	21.06	0.128	21.01	0.126	21.03	0.127
20	16QAM	50	50	20.88	0.122	20.93	0.124	20.86	0.122
20	16QAM	100	0	20.97	0.125	20.98	0.125	20.92	0.124
20	64QAM	1	0	21.02	0.126	21.09	0.129	21.00	0.126
20	64QAM	1	49	20.84	0.121	20.92	0.124	20.95	0.124
20	64QAM	1	99	20.91	0.123	20.93	0.124	20.94	0.124
20	64QAM	50	0	20.90	0.123	20.95	0.124	20.90	0.123
20	64QAM	50	24	20.94	0.124	20.90	0.123	20.86	0.122
20	64QAM	50	50	20.81	0.121	20.88	0.122	20.75	0.119
20	64QAM	100	0	20.73	0.118	20.91	0.123	20.77	0.119
20	256QAM	1	0	17.05	0.051	17.12	0.052	17.03	0.050
20	256QAM	1	49	16.87	0.049	16.95	0.050	16.98	0.050
20	256QAM	1	99	16.94	0.049	16.96	0.050	16.97	0.050
20	256QAM	50	0	16.93	0.049	16.98	0.050	16.93	0.049
20	256QAM	50	24	16.97	0.050	16.93	0.049	16.89	0.049
20	256QAM	50	50	16.84	0.048	16.91	0.049	16.78	0.048
20	256QAM	100	0	16.76	0.047	16.94	0.049	16.80	0.048



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				39725		40620		41515	
Frequency (MHz)				2503.5		2593		2682.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	22.95	0.197	22.99	0.199	22.97	0.198
15	QPSK	1	37	22.82	0.191	22.95	0.197	22.79	0.190
15	QPSK	1	74	22.94	0.197	22.91	0.195	22.73	0.187
15	QPSK	36	0	21.94	0.156	22.01	0.159	21.96	0.157
15	QPSK	36	20	21.97	0.157	21.98	0.158	21.84	0.153
15	QPSK	36	39	21.94	0.156	21.87	0.154	21.80	0.151
15	QPSK	75	0	21.97	0.157	22.00	0.158	21.87	0.154
15	16QAM	1	0	22.07	0.161	22.08	0.161	21.96	0.157
15	16QAM	1	37	21.97	0.157	22.00	0.158	22.04	0.160
15	16QAM	1	74	21.89	0.155	21.93	0.156	21.90	0.155
15	16QAM	36	0	20.94	0.124	21.01	0.126	20.82	0.121
15	16QAM	36	20	21.02	0.126	20.97	0.125	20.99	0.126
15	16QAM	36	39	20.84	0.121	20.89	0.123	20.82	0.121
15	16QAM	75	0	20.93	0.124	20.94	0.124	20.88	0.122
15	64QAM	1	0	20.98	0.125	21.05	0.127	20.96	0.125
15	64QAM	1	37	20.80	0.120	20.88	0.122	20.91	0.123
15	64QAM	1	74	20.87	0.122	20.89	0.123	20.90	0.123
15	64QAM	36	0	20.86	0.122	20.91	0.123	20.86	0.122
15	64QAM	36	20	20.90	0.123	20.86	0.122	20.82	0.121
15	64QAM	36	39	20.77	0.119	20.84	0.121	20.71	0.118
15	64QAM	75	0	20.69	0.117	20.87	0.122	20.73	0.118
15	256QAM	1	0	17.01	0.050	17.08	0.051	16.99	0.050
15	256QAM	1	37	16.83	0.048	16.91	0.049	16.94	0.049
15	256QAM	1	74	16.90	0.049	16.92	0.049	16.93	0.049
15	256QAM	36	0	16.89	0.049	16.94	0.049	16.89	0.049
15	256QAM	36	20	16.93	0.049	16.89	0.049	16.85	0.048
15	256QAM	36	39	16.80	0.048	16.87	0.049	16.74	0.047
15	256QAM	75	0	16.72	0.047	16.90	0.049	16.76	0.047



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				39700		40620		41540	
Frequency (MHz)				2501		2593		2685	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	22.92	0.196	22.96	0.198	22.94	0.197
10	QPSK	1	25	22.79	0.190	22.92	0.196	22.76	0.189
10	QPSK	1	49	22.91	0.195	22.88	0.194	22.70	0.186
10	QPSK	25	0	21.91	0.155	21.98	0.158	21.93	0.156
10	QPSK	25	12	21.94	0.156	21.95	0.157	21.81	0.152
10	QPSK	25	25	21.91	0.155	21.84	0.153	21.77	0.150
10	QPSK	50	0	21.94	0.156	21.97	0.157	21.84	0.153
10	16QAM	1	0	22.04	0.160	22.05	0.160	21.93	0.156
10	16QAM	1	25	21.94	0.156	21.97	0.157	22.01	0.159
10	16QAM	1	49	21.86	0.153	21.90	0.155	21.87	0.154
10	16QAM	25	0	20.91	0.123	20.98	0.125	20.79	0.120
10	16QAM	25	12	20.99	0.126	20.94	0.124	20.96	0.125
10	16QAM	25	25	20.81	0.121	20.86	0.122	20.79	0.120
10	16QAM	50	0	20.90	0.123	20.91	0.123	20.85	0.122
10	64QAM	1	0	20.95	0.124	21.02	0.126	20.93	0.124
10	64QAM	1	25	20.87	0.122	20.85	0.122	20.88	0.122
10	64QAM	1	49	20.84	0.121	20.86	0.122	20.87	0.122
10	64QAM	25	0	20.83	0.121	20.88	0.122	20.83	0.121
10	64QAM	25	12	20.87	0.122	20.83	0.121	20.79	0.120
10	64QAM	25	25	20.74	0.119	20.81	0.121	20.68	0.117
10	64QAM	50	0	20.66	0.116	20.84	0.121	20.70	0.117
10	256QAM	1	0	16.98	0.050	17.05	0.051	16.96	0.050
10	256QAM	1	25	16.80	0.048	16.88	0.049	16.91	0.049
10	256QAM	1	49	16.87	0.049	16.89	0.049	16.90	0.049
10	256QAM	25	0	16.86	0.049	16.91	0.049	16.86	0.049
10	256QAM	25	12	16.90	0.049	16.86	0.049	16.82	0.048
10	256QAM	25	25	16.77	0.048	16.84	0.048	16.71	0.047
10	256QAM	50	0	16.69	0.047	16.87	0.049	16.73	0.047



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				39675		40620		41565	
Frequency (MHz)				2498.5		2593		2687.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	22.89	0.195	22.93	0.196	22.91	0.195
5	QPSK	1	12	22.76	0.189	22.89	0.195	22.73	0.187
5	QPSK	1	24	22.88	0.194	22.85	0.193	22.67	0.185
5	QPSK	12	0	21.88	0.154	21.95	0.157	21.90	0.155
5	QPSK	12	7	21.91	0.155	21.92	0.156	21.78	0.151
5	QPSK	12	13	21.88	0.154	21.81	0.152	21.74	0.149
5	QPSK	25	0	21.91	0.155	21.94	0.156	21.81	0.152
5	16QAM	1	0	22.01	0.159	22.02	0.159	21.90	0.155
5	16QAM	1	12	21.91	0.155	21.94	0.156	21.98	0.158
5	16QAM	1	24	21.83	0.152	21.87	0.154	21.84	0.153
5	16QAM	12	0	20.88	0.122	20.95	0.124	20.76	0.119
5	16QAM	12	7	20.96	0.125	20.91	0.123	20.93	0.124
5	16QAM	12	13	20.78	0.120	20.83	0.121	20.76	0.119
5	16QAM	25	0	20.87	0.122	20.88	0.122	20.82	0.121
5	64QAM	1	0	20.92	0.124	20.99	0.126	20.90	0.123
5	64QAM	1	12	20.85	0.122	20.82	0.121	20.85	0.122
5	64QAM	1	24	20.81	0.121	20.83	0.121	20.84	0.121
5	64QAM	12	0	20.80	0.120	20.85	0.122	20.80	0.120
5	64QAM	12	7	20.84	0.121	20.80	0.120	20.76	0.119
5	64QAM	12	13	20.71	0.118	20.78	0.120	20.65	0.116
5	64QAM	25	0	20.63	0.116	20.81	0.121	20.67	0.117
5	256QAM	1	0	16.95	0.050	17.02	0.050	16.93	0.049
5	256QAM	1	12	16.77	0.048	16.85	0.048	16.88	0.049
5	256QAM	1	24	16.84	0.048	16.86	0.049	16.87	0.049
5	256QAM	12	0	16.83	0.048	16.88	0.049	16.83	0.048
5	256QAM	12	7	16.87	0.049	16.83	0.048	16.79	0.048
5	256QAM	12	13	16.74	0.047	16.81	0.048	16.68	0.047
5	256QAM	25	0	16.66	0.046	16.84	0.048	16.70	0.047



LTE Band 40 Block A				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				/		38750		/	
Frequency (MHz)				/		2310		/	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	/	/	22.27	0.169	/	/
10	QPSK	1	25	/	/	22.23	0.167	/	/
10	QPSK	1	49	/	/	22.05	0.160	/	/
10	QPSK	25	0	/	/	21.34	0.136	/	/
10	QPSK	25	12	/	/	21.21	0.132	/	/
10	QPSK	25	25	/	/	21.23	0.133	/	/
10	QPSK	50	0	/	/	21.30	0.135	/	/
10	16QAM	1	0	/	/	21.44	0.139	/	/
10	16QAM	1	25	/	/	21.24	0.133	/	/
10	16QAM	1	49	/	/	21.28	0.134	/	/
10	16QAM	25	0	/	/	20.32	0.108	/	/
10	16QAM	25	12	/	/	20.29	0.107	/	/
10	16QAM	25	25	/	/	20.38	0.109	/	/
10	16QAM	50	0	/	/	20.27	0.106	/	/
10	64QAM	1	0	/	/	20.34	0.108	/	/
10	64QAM	1	25	/	/	20.28	0.107	/	/
10	64QAM	1	49	/	/	20.46	0.111	/	/
10	64QAM	25	0	/	/	20.30	0.107	/	/
10	64QAM	25	12	/	/	20.21	0.105	/	/
10	64QAM	25	25	/	/	20.30	0.107	/	/
10	64QAM	50	0	/	/	20.28	0.107	/	/
10	256QAM	1	0	/	/	16.48	0.044	/	/
10	256QAM	1	25	/	/	16.42	0.044	/	/
10	256QAM	1	49	/	/	16.60	0.046	/	/
10	256QAM	25	0	/	/	16.49	0.045	/	/
10	256QAM	25	12	/	/	16.40	0.044	/	/
10	256QAM	25	25	/	/	16.49	0.045	/	/
10	256QAM	50	0	/	/	16.47	0.044	/	/



LTE Band 40 Block A				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				38725		38750		38775	
Frequency (MHz)				2307.5		2310		2312.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	22.10	0.162	22.19	0.166	22.17	0.165
5	QPSK	1	12	22.09	0.162	22.18	0.165	22.17	0.165
5	QPSK	1	24	22.06	0.161	22.03	0.160	22.07	0.161
5	QPSK	12	0	21.17	0.131	21.26	0.134	21.11	0.129
5	QPSK	12	7	21.24	0.133	21.19	0.132	21.25	0.133
5	QPSK	12	13	21.11	0.129	21.12	0.129	21.17	0.131
5	QPSK	25	0	21.13	0.130	21.09	0.129	21.20	0.132
5	16QAM	1	0	21.31	0.135	21.33	0.136	21.28	0.134
5	16QAM	1	12	21.16	0.131	21.13	0.130	21.16	0.131
5	16QAM	1	24	21.14	0.130	21.17	0.131	21.17	0.131
5	16QAM	12	0	20.14	0.103	20.21	0.105	20.15	0.104
5	16QAM	12	7	20.22	0.105	20.19	0.104	20.23	0.105
5	16QAM	12	13	20.24	0.106	20.25	0.106	20.31	0.107
5	16QAM	25	0	20.21	0.105	20.16	0.104	20.17	0.104
5	64QAM	1	0	20.28	0.107	20.31	0.107	20.18	0.104
5	64QAM	1	12	20.27	0.106	20.22	0.105	20.19	0.104
5	64QAM	1	24	20.35	0.108	20.42	0.110	20.32	0.108
5	64QAM	12	0	20.23	0.105	20.20	0.105	20.17	0.104
5	64QAM	12	7	20.15	0.104	20.13	0.103	20.10	0.102
5	64QAM	12	13	20.12	0.103	20.23	0.105	20.16	0.104
5	64QAM	25	0	20.06	0.101	20.15	0.104	20.17	0.104
5	256QAM	1	0	16.42	0.044	16.40	0.044	16.26	0.042
5	256QAM	1	12	16.43	0.044	16.32	0.043	16.23	0.042
5	256QAM	1	24	16.52	0.045	16.57	0.045	16.50	0.045
5	256QAM	12	0	16.43	0.044	16.37	0.043	16.36	0.043
5	256QAM	12	7	16.34	0.043	16.34	0.043	16.34	0.043
5	256QAM	12	13	16.34	0.043	16.38	0.043	16.42	0.044
5	256QAM	25	0	16.24	0.042	16.45	0.044	16.37	0.043



LTE Band 40 Block B				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				/		39200		/	
Frequency (MHz)				/		2355		/	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	/	/	22.33	0.171	/	/
10	QPSK	1	25	/	/	22.30	0.170	/	/
10	QPSK	1	49	/	/	22.28	0.169	/	/
10	QPSK	25	0	/	/	21.37	0.137	/	/
10	QPSK	25	12	/	/	21.32	0.136	/	/
10	QPSK	25	25	/	/	21.28	0.134	/	/
10	QPSK	50	0	/	/	21.35	0.136	/	/
10	16QAM	1	0	/	/	21.10	0.129	/	/
10	16QAM	1	25	/	/	21.47	0.140	/	/
10	16QAM	1	49	/	/	21.42	0.139	/	/
10	16QAM	25	0	/	/	20.36	0.109	/	/
10	16QAM	25	12	/	/	20.43	0.110	/	/
10	16QAM	25	25	/	/	20.38	0.109	/	/
10	16QAM	50	0	/	/	20.34	0.108	/	/
10	64QAM	1	0	/	/	20.31	0.107	/	/
10	64QAM	1	25	/	/	20.29	0.107	/	/
10	64QAM	1	49	/	/	20.45	0.111	/	/
10	64QAM	25	0	/	/	20.33	0.108	/	/
10	64QAM	25	12	/	/	20.41	0.110	/	/
10	64QAM	25	25	/	/	20.40	0.110	/	/
10	64QAM	50	0	/	/	20.35	0.108	/	/
10	256QAM	1	0	/	/	16.41	0.044	/	/
10	256QAM	1	25	/	/	16.39	0.044	/	/
10	256QAM	1	49	/	/	16.55	0.045	/	/
10	256QAM	25	0	/	/	16.43	0.044	/	/
10	256QAM	25	12	/	/	16.51	0.045	/	/
10	256QAM	25	25	/	/	16.50	0.045	/	/
10	256QAM	50	0	/	/	16.45	0.044	/	/



LTE Band 40 Block B				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39175		39200		39225	
Frequency (MHz)				2352.5		2355		2357.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	22.13	0.163	22.25	0.168	22.06	0.161
5	QPSK	1	12	22.07	0.161	22.14	0.164	22.08	0.161
5	QPSK	1	24	22.19	0.166	22.16	0.164	22.21	0.166
5	QPSK	12	0	21.19	0.132	21.09	0.129	21.29	0.135
5	QPSK	12	7	21.22	0.132	21.23	0.133	21.20	0.132
5	QPSK	12	13	21.24	0.133	21.29	0.135	21.23	0.133
5	QPSK	25	0	21.08	0.128	21.21	0.132	21.21	0.132
5	16QAM	1	0	21.21	0.132	21.00	0.126	21.23	0.133
5	16QAM	1	12	21.28	0.134	21.41	0.138	21.20	0.132
5	16QAM	1	24	21.33	0.136	21.28	0.134	21.17	0.131
5	16QAM	12	0	20.31	0.107	20.27	0.106	20.34	0.108
5	16QAM	12	7	20.19	0.104	20.32	0.108	20.35	0.108
5	16QAM	12	13	20.27	0.106	20.32	0.108	20.30	0.107
5	16QAM	25	0	20.16	0.104	20.19	0.104	20.20	0.105
5	64QAM	1	0	20.23	0.105	20.17	0.104	20.36	0.109
5	64QAM	1	12	20.20	0.105	20.15	0.104	20.22	0.105
5	64QAM	1	24	20.29	0.107	20.32	0.108	20.08	0.102
5	64QAM	12	0	20.20	0.105	20.17	0.104	20.21	0.105
5	64QAM	12	7	20.31	0.107	20.29	0.107	20.31	0.107
5	64QAM	12	13	20.26	0.106	20.28	0.107	20.30	0.107
5	64QAM	25	0	20.16	0.104	20.21	0.105	20.27	0.106
5	256QAM	1	0	16.33	0.043	16.30	0.043	16.44	0.044
5	256QAM	1	12	16.26	0.042	16.28	0.042	16.34	0.043
5	256QAM	1	24	16.42	0.044	16.48	0.044	16.25	0.042
5	256QAM	12	0	16.37	0.043	16.29	0.043	16.34	0.043
5	256QAM	12	7	16.35	0.043	16.42	0.044	16.38	0.043
5	256QAM	12	13	16.36	0.043	16.36	0.043	16.45	0.044
5	256QAM	25	0	16.25	0.042	16.37	0.043	16.36	0.043



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	22.62	0.183	22.72	0.187	22.65	0.184
20	QPSK	1	49	22.57	0.181	22.62	0.183	22.52	0.179
20	QPSK	1	99	22.58	0.181	22.54	0.179	22.47	0.177
20	QPSK	50	0	21.81	0.152	21.82	0.152	21.79	0.151
20	QPSK	50	24	21.77	0.150	21.68	0.147	21.50	0.141
20	QPSK	50	50	21.79	0.151	21.64	0.146	21.37	0.137
20	QPSK	100	0	21.78	0.151	21.69	0.148	21.47	0.140
20	16QAM	1	0	21.86	0.153	21.82	0.152	21.77	0.150
20	16QAM	1	49	21.79	0.151	21.76	0.150	21.72	0.149
20	16QAM	1	99	21.72	0.149	21.81	0.152	21.69	0.148
20	16QAM	50	0	20.87	0.122	20.69	0.117	20.54	0.113
20	16QAM	50	24	20.81	0.121	20.72	0.118	20.57	0.114
20	16QAM	50	50	20.78	0.120	20.57	0.114	20.53	0.113
20	16QAM	100	0	20.69	0.117	20.72	0.118	20.67	0.117
20	64QAM	1	0	20.77	0.119	20.75	0.119	20.69	0.117
20	64QAM	1	49	20.76	0.119	20.66	0.116	20.59	0.115
20	64QAM	1	99	20.70	0.117	20.70	0.117	20.64	0.116
20	64QAM	50	0	20.82	0.121	20.63	0.116	20.40	0.110
20	64QAM	50	24	20.72	0.118	20.66	0.116	20.58	0.114
20	64QAM	50	50	20.59	0.115	20.61	0.115	20.52	0.113
20	64QAM	100	0	20.78	0.120	20.77	0.119	20.67	0.117
20	256QAM	1	0	16.87	0.049	16.85	0.048	16.79	0.048
20	256QAM	1	49	16.86	0.049	16.76	0.047	16.69	0.047
20	256QAM	1	99	16.80	0.048	16.80	0.048	16.74	0.047
20	256QAM	50	0	16.92	0.049	16.73	0.047	16.70	0.047
20	256QAM	50	24	16.82	0.048	16.76	0.047	16.78	0.048
20	256QAM	50	50	16.79	0.048	16.77	0.048	16.72	0.047
20	256QAM	100	0	16.88	0.049	16.87	0.049	16.82	0.048



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	22.59	0.182	22.69	0.186	22.62	0.183
15	QPSK	1	37	22.54	0.179	22.59	0.182	22.49	0.177
15	QPSK	1	74	22.55	0.180	22.51	0.178	22.44	0.175
15	QPSK	36	0	21.78	0.151	21.79	0.151	21.76	0.150
15	QPSK	36	20	21.74	0.149	21.65	0.146	21.47	0.140
15	QPSK	36	39	21.76	0.150	21.61	0.145	21.34	0.136
15	QPSK	75	0	21.75	0.150	21.66	0.147	21.44	0.139
15	16QAM	1	0	21.83	0.152	21.79	0.151	21.74	0.149
15	16QAM	1	37	21.76	0.150	21.73	0.149	21.69	0.148
15	16QAM	1	74	21.69	0.148	21.78	0.151	21.66	0.147
15	16QAM	36	0	20.84	0.121	20.66	0.116	20.51	0.112
15	16QAM	36	20	20.78	0.120	20.69	0.117	20.54	0.113
15	16QAM	36	39	20.75	0.119	20.54	0.113	20.50	0.112
15	16QAM	75	0	20.66	0.116	20.69	0.117	20.64	0.116
15	64QAM	1	0	20.74	0.119	20.72	0.118	20.66	0.116
15	64QAM	1	37	20.73	0.118	20.63	0.116	20.56	0.114
15	64QAM	1	74	20.67	0.117	20.67	0.117	20.61	0.115
15	64QAM	36	0	20.79	0.120	20.60	0.115	20.37	0.109
15	64QAM	36	20	20.69	0.117	20.63	0.116	20.55	0.114
15	64QAM	36	39	20.56	0.114	20.58	0.114	20.49	0.112
15	64QAM	75	0	20.75	0.119	20.74	0.119	20.64	0.116
15	256QAM	1	0	16.84	0.048	16.82	0.048	16.76	0.047
15	256QAM	1	37	16.83	0.048	16.73	0.047	16.66	0.046
15	256QAM	1	74	16.77	0.048	16.77	0.048	16.71	0.047
15	256QAM	36	0	16.89	0.049	16.70	0.047	16.67	0.046
15	256QAM	36	20	16.79	0.048	16.73	0.047	16.75	0.047
15	256QAM	36	39	16.76	0.047	16.74	0.047	16.69	0.047
15	256QAM	75	0	16.85	0.048	16.84	0.048	16.79	0.048



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	22.57	0.181	22.67	0.185	22.60	0.182
10	QPSK	1	25	22.52	0.179	22.57	0.181	22.47	0.177
10	QPSK	1	49	22.53	0.179	22.49	0.177	22.42	0.175
10	QPSK	25	0	21.76	0.150	21.77	0.150	21.74	0.149
10	QPSK	25	12	21.72	0.149	21.63	0.146	21.45	0.140
10	QPSK	25	25	21.74	0.149	21.59	0.144	21.32	0.136
10	QPSK	50	0	21.73	0.149	21.64	0.146	21.42	0.139
10	16QAM	1	0	21.81	0.152	21.77	0.150	21.72	0.149
10	16QAM	1	25	21.74	0.149	21.71	0.148	21.67	0.147
10	16QAM	1	49	21.67	0.147	21.76	0.150	21.64	0.146
10	16QAM	25	0	20.82	0.121	20.64	0.116	20.49	0.112
10	16QAM	25	12	20.76	0.119	20.67	0.117	20.52	0.113
10	16QAM	25	25	20.73	0.118	20.52	0.113	20.48	0.112
10	16QAM	50	0	20.64	0.116	20.67	0.117	20.62	0.115
10	64QAM	1	0	20.72	0.118	20.70	0.117	20.64	0.116
10	64QAM	1	25	20.71	0.118	20.61	0.115	20.54	0.113
10	64QAM	1	49	20.65	0.116	20.65	0.116	20.59	0.115
10	64QAM	25	0	20.77	0.119	20.58	0.114	20.35	0.108
10	64QAM	25	12	20.67	0.117	20.61	0.115	20.53	0.113
10	64QAM	25	25	20.54	0.113	20.56	0.114	20.47	0.111
10	64QAM	50	0	20.73	0.118	20.72	0.118	20.62	0.115
10	256QAM	1	0	16.82	0.048	16.80	0.048	16.74	0.047
10	256QAM	1	25	16.81	0.048	16.71	0.047	16.64	0.046
10	256QAM	1	49	16.75	0.047	16.75	0.047	16.69	0.047
10	256QAM	25	0	16.87	0.049	16.68	0.047	16.65	0.046
10	256QAM	25	12	16.77	0.048	16.71	0.047	16.73	0.047
10	256QAM	25	25	16.74	0.047	16.72	0.047	16.67	0.046
10	256QAM	50	0	16.83	0.048	16.82	0.048	16.77	0.048



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	22.53	0.179	22.63	0.183	22.56	0.180
5	QPSK	1	12	22.48	0.177	22.53	0.179	22.43	0.175
5	QPSK	1	24	22.49	0.177	22.45	0.176	22.38	0.173
5	QPSK	12	0	21.72	0.149	21.73	0.149	21.70	0.148
5	QPSK	12	7	21.68	0.147	21.59	0.144	21.41	0.138
5	QPSK	12	13	21.70	0.148	21.55	0.143	21.28	0.134
5	QPSK	25	0	21.69	0.148	21.60	0.145	21.38	0.137
5	16QAM	1	0	21.77	0.150	21.73	0.149	21.68	0.147
5	16QAM	1	12	21.70	0.148	21.67	0.147	21.63	0.146
5	16QAM	1	24	21.63	0.146	21.72	0.149	21.60	0.145
5	16QAM	12	0	20.78	0.120	20.60	0.115	20.45	0.111
5	16QAM	12	7	20.72	0.118	20.63	0.116	20.48	0.112
5	16QAM	12	13	20.69	0.117	20.48	0.112	20.44	0.111
5	16QAM	25	0	20.60	0.115	20.63	0.116	20.58	0.114
5	64QAM	1	0	20.68	0.117	20.66	0.116	20.60	0.115
5	64QAM	1	12	20.67	0.117	20.57	0.114	20.50	0.112
5	64QAM	1	24	20.61	0.115	20.61	0.115	20.55	0.114
5	64QAM	12	0	20.73	0.118	20.54	0.113	20.31	0.107
5	64QAM	12	7	20.63	0.116	20.57	0.114	20.49	0.112
5	64QAM	12	13	20.50	0.112	20.52	0.113	20.43	0.110
5	64QAM	25	0	20.69	0.117	20.68	0.117	20.58	0.114
5	256QAM	1	0	16.78	0.048	16.76	0.047	16.70	0.047
5	256QAM	1	12	16.77	0.048	16.67	0.046	16.60	0.046
5	256QAM	1	24	16.71	0.047	16.71	0.047	16.65	0.046
5	256QAM	12	0	16.83	0.048	16.64	0.046	16.61	0.046
5	256QAM	12	7	16.73	0.047	16.67	0.046	16.69	0.047
5	256QAM	12	13	16.70	0.047	16.68	0.047	16.63	0.046
5	256QAM	25	0	16.79	0.048	16.78	0.048	16.73	0.047



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				132072		132322		132572	
Frequency (MHz)				1720		1745		1770	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	24.29	0.269	24.32	0.270	24.23	0.265
20	QPSK	1	49	24.01	0.252	24.13	0.259	23.98	0.250
20	QPSK	1	99	24.09	0.256	24.09	0.256	24.06	0.255
20	QPSK	50	0	23.21	0.209	23.26	0.212	23.24	0.211
20	QPSK	50	24	23.14	0.206	23.22	0.210	23.21	0.209
20	QPSK	50	50	23.25	0.211	23.20	0.209	23.22	0.210
20	QPSK	100	0	23.21	0.209	23.26	0.212	23.23	0.210
20	16QAM	1	0	23.51	0.224	23.46	0.222	23.48	0.223
20	16QAM	1	49	23.38	0.218	23.47	0.222	23.24	0.211
20	16QAM	1	99	23.32	0.215	23.39	0.218	23.47	0.222
20	16QAM	50	0	22.18	0.165	22.11	0.163	22.10	0.162
20	16QAM	50	24	22.30	0.170	22.25	0.168	22.13	0.163
20	16QAM	50	50	22.23	0.167	22.22	0.167	22.19	0.166
20	16QAM	100	0	22.24	0.167	22.21	0.166	22.11	0.163
20	64QAM	1	0	22.47	0.177	22.44	0.175	22.45	0.176
20	64QAM	1	49	22.35	0.172	22.45	0.176	22.19	0.166
20	64QAM	1	99	22.26	0.168	22.39	0.173	22.40	0.174
20	64QAM	50	0	22.15	0.164	22.10	0.162	22.10	0.162
20	64QAM	50	24	22.22	0.167	22.20	0.166	22.12	0.163
20	64QAM	50	50	22.15	0.164	22.16	0.164	22.16	0.164
20	64QAM	100	0	22.26	0.168	22.15	0.164	22.04	0.160
20	256QAM	1	0	18.36	0.069	18.31	0.068	18.38	0.069
20	256QAM	1	49	18.19	0.066	18.36	0.069	18.59	0.072
20	256QAM	1	99	18.21	0.066	18.28	0.067	18.36	0.069
20	256QAM	50	0	18.51	0.071	18.44	0.070	18.45	0.070
20	256QAM	50	24	18.11	0.065	18.15	0.065	18.46	0.070
20	256QAM	50	50	18.14	0.065	18.57	0.072	18.55	0.072
20	256QAM	100	0	18.60	0.072	18.13	0.065	18.46	0.070



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				132047		132322		132597	
Frequency (MHz)				1717.5		1745		1772.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	24.23	0.265	24.26	0.267	24.17	0.261
15	QPSK	1	37	23.95	0.248	24.07	0.255	23.92	0.247
15	QPSK	1	74	24.03	0.253	24.03	0.253	24.00	0.251
15	QPSK	36	0	23.15	0.207	23.20	0.209	23.18	0.208
15	QPSK	36	20	23.08	0.203	23.16	0.207	23.15	0.207
15	QPSK	36	39	23.19	0.208	23.14	0.206	23.16	0.207
15	QPSK	75	0	23.15	0.207	23.20	0.209	23.17	0.207
15	16QAM	1	0	23.45	0.221	23.40	0.219	23.42	0.220
15	16QAM	1	37	23.32	0.215	23.41	0.219	23.18	0.208
15	16QAM	1	74	23.26	0.212	23.33	0.215	23.41	0.219
15	16QAM	36	0	22.12	0.163	22.05	0.160	22.04	0.160
15	16QAM	36	20	22.24	0.167	22.19	0.166	22.07	0.161
15	16QAM	36	39	22.17	0.165	22.16	0.164	22.13	0.163
15	16QAM	75	0	22.18	0.165	22.15	0.164	22.05	0.160
15	64QAM	1	0	22.41	0.174	22.38	0.173	22.39	0.173
15	64QAM	1	37	22.29	0.169	22.39	0.173	22.13	0.163
15	64QAM	1	74	22.20	0.166	22.33	0.171	22.34	0.171
15	64QAM	36	0	22.09	0.162	22.04	0.160	22.04	0.160
15	64QAM	36	20	22.16	0.164	22.14	0.164	22.06	0.161
15	64QAM	36	39	22.09	0.162	22.10	0.162	22.10	0.162
15	64QAM	75	0	22.20	0.166	22.09	0.162	21.98	0.158
15	256QAM	1	0	18.30	0.068	18.25	0.067	18.32	0.068
15	256QAM	1	37	18.13	0.065	18.30	0.068	18.03	0.064
15	256QAM	1	74	18.15	0.065	18.22	0.066	18.30	0.068
15	256QAM	36	0	18.35	0.068	18.28	0.067	18.29	0.067
15	256QAM	36	20	18.85	0.077	18.09	0.064	18.30	0.068
15	256QAM	36	39	18.48	0.070	18.41	0.069	18.39	0.069
15	256QAM	75	0	18.04	0.064	18.07	0.064	18.30	0.068



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	24.17	0.261	24.20	0.263	24.11	0.258
10	QPSK	1	25	23.89	0.245	24.01	0.252	23.86	0.243
10	QPSK	1	49	23.97	0.249	23.97	0.249	23.94	0.248
10	QPSK	25	0	23.09	0.204	23.14	0.206	23.12	0.205
10	QPSK	25	12	23.02	0.200	23.10	0.204	23.09	0.204
10	QPSK	25	25	23.13	0.206	23.08	0.203	23.10	0.204
10	QPSK	50	0	23.09	0.204	23.14	0.206	23.11	0.205
10	16QAM	1	0	23.39	0.218	23.34	0.216	23.36	0.217
10	16QAM	1	25	23.26	0.212	23.35	0.216	23.12	0.205
10	16QAM	1	49	23.20	0.209	23.27	0.212	23.35	0.216
10	16QAM	25	0	22.06	0.161	21.99	0.158	21.98	0.158
10	16QAM	25	12	22.18	0.165	22.13	0.163	22.01	0.159
10	16QAM	25	25	22.11	0.163	22.10	0.162	22.07	0.161
10	16QAM	50	0	22.12	0.163	22.09	0.162	21.99	0.158
10	64QAM	1	0	22.35	0.172	22.32	0.171	22.33	0.171
10	64QAM	1	25	22.23	0.167	22.33	0.171	22.07	0.161
10	64QAM	1	49	22.14	0.164	22.27	0.169	22.28	0.169
10	64QAM	25	0	22.03	0.160	21.98	0.158	21.98	0.158
10	64QAM	25	12	22.10	0.162	22.08	0.161	22.00	0.158
10	64QAM	25	25	22.03	0.160	22.04	0.160	22.04	0.160
10	64QAM	50	0	22.14	0.164	22.03	0.160	21.92	0.156
10	256QAM	1	0	18.24	0.067	18.19	0.066	18.26	0.067
10	256QAM	1	25	18.07	0.064	18.24	0.067	17.97	0.063
10	256QAM	1	49	18.09	0.064	18.16	0.065	18.24	0.067
10	256QAM	25	0	18.19	0.066	18.12	0.065	18.13	0.065
10	256QAM	25	12	17.99	0.063	18.03	0.064	18.14	0.065
10	256QAM	25	25	18.02	0.063	17.95	0.062	17.93	0.062
10	256QAM	50	0	17.98	0.063	18.01	0.063	18.14	0.065



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	24.14	0.259	24.17	0.261	24.08	0.256
5	QPSK	1	12	23.86	0.243	23.98	0.250	23.83	0.242
5	QPSK	1	24	23.94	0.248	23.94	0.248	23.91	0.246
5	QPSK	12	0	23.06	0.202	23.11	0.205	23.09	0.204
5	QPSK	12	7	22.99	0.199	23.07	0.203	23.06	0.202
5	QPSK	12	13	23.10	0.204	23.05	0.202	23.07	0.203
5	QPSK	25	0	23.06	0.202	23.11	0.205	23.08	0.203
5	16QAM	1	0	23.36	0.217	23.31	0.214	23.33	0.215
5	16QAM	1	12	23.23	0.210	23.32	0.215	23.09	0.204
5	16QAM	1	24	23.17	0.207	23.24	0.211	23.32	0.215
5	16QAM	12	0	22.03	0.160	21.96	0.157	21.95	0.157
5	16QAM	12	7	22.15	0.164	22.10	0.162	21.98	0.158
5	16QAM	12	13	22.08	0.161	22.07	0.161	22.04	0.160
5	16QAM	25	0	22.09	0.162	22.06	0.161	21.96	0.157
5	64QAM	1	0	22.32	0.171	22.29	0.169	22.30	0.170
5	64QAM	1	12	22.20	0.166	22.30	0.170	22.04	0.160
5	64QAM	1	24	22.11	0.163	22.24	0.167	22.25	0.168
5	64QAM	12	0	22.00	0.158	21.95	0.157	21.95	0.157
5	64QAM	12	7	22.07	0.161	22.05	0.160	21.97	0.157
5	64QAM	12	13	22.00	0.158	22.01	0.159	22.01	0.159
5	64QAM	25	0	22.11	0.163	22.00	0.158	21.89	0.155
5	256QAM	1	0	18.21	0.066	18.16	0.065	18.23	0.067
5	256QAM	1	12	18.04	0.064	18.21	0.066	17.94	0.062
5	256QAM	1	24	18.06	0.064	18.13	0.065	18.21	0.066
5	256QAM	12	0	18.06	0.064	17.99	0.063	18.00	0.063
5	256QAM	12	7	17.96	0.063	18.00	0.063	18.01	0.063
5	256QAM	12	13	17.99	0.063	18.12	0.065	18.10	0.065
5	256QAM	25	0	17.95	0.062	17.98	0.063	18.01	0.063



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				131987		132322		132657	
Frequency (MHz)				1711.5		1745		1778.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	24.10	0.257	24.13	0.259	24.04	0.254
3	QPSK	1	8	23.82	0.241	23.94	0.248	23.79	0.239
3	QPSK	1	14	23.90	0.245	23.90	0.245	23.87	0.244
3	QPSK	8	0	23.02	0.200	23.07	0.203	23.05	0.202
3	QPSK	8	4	22.95	0.197	23.03	0.201	23.02	0.200
3	QPSK	8	7	23.06	0.202	23.01	0.200	23.03	0.201
3	QPSK	15	0	23.02	0.200	23.07	0.203	23.04	0.201
3	16QAM	1	0	23.32	0.215	23.27	0.212	23.29	0.213
3	16QAM	1	8	23.19	0.208	23.28	0.213	23.05	0.202
3	16QAM	1	14	23.13	0.206	23.20	0.209	23.28	0.213
3	16QAM	8	0	21.99	0.158	21.92	0.156	21.91	0.155
3	16QAM	8	4	22.11	0.163	22.06	0.161	21.94	0.156
3	16QAM	8	7	22.04	0.160	22.03	0.160	22.00	0.158
3	16QAM	15	0	22.05	0.160	22.02	0.159	21.92	0.156
3	64QAM	1	0	22.28	0.169	22.25	0.168	22.26	0.168
3	64QAM	1	8	22.16	0.164	22.26	0.168	22.00	0.158
3	64QAM	1	14	22.07	0.161	22.20	0.166	22.21	0.166
3	64QAM	8	0	21.96	0.157	21.91	0.155	21.91	0.155
3	64QAM	8	4	22.03	0.160	22.01	0.159	21.93	0.156
3	64QAM	8	7	21.96	0.157	21.97	0.157	21.97	0.157
3	64QAM	15	0	22.07	0.161	21.96	0.157	21.85	0.153
3	256QAM	1	0	18.17	0.066	18.12	0.065	18.19	0.066
3	256QAM	1	8	18.00	0.063	18.17	0.066	18.00	0.063
3	256QAM	1	14	18.02	0.063	18.09	0.064	18.17	0.066
3	256QAM	8	0	17.92	0.062	17.85	0.061	17.86	0.061
3	256QAM	8	4	17.92	0.062	17.96	0.063	17.87	0.061
3	256QAM	8	7	17.95	0.062	17.88	0.061	17.96	0.063
3	256QAM	15	0	17.91	0.062	17.94	0.062	17.87	0.061



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				131979		132322		132665	
Frequency (MHz)				1710.7		1745		1779.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	24.06	0.255	24.09	0.256	24.00	0.251
1.4	QPSK	1	3	23.78	0.239	23.90	0.245	23.75	0.237
1.4	QPSK	1	5	23.86	0.243	23.86	0.243	23.83	0.242
1.4	QPSK	3	0	22.98	0.199	23.03	0.201	23.01	0.200
1.4	QPSK	3	1	22.91	0.195	22.99	0.199	22.98	0.199
1.4	QPSK	3	3	23.02	0.200	22.97	0.198	22.99	0.199
1.4	QPSK	6	0	22.98	0.199	23.03	0.201	23.00	0.200
1.4	16QAM	1	0	23.28	0.213	23.23	0.210	23.25	0.211
1.4	16QAM	1	3	23.15	0.207	23.24	0.211	23.01	0.200
1.4	16QAM	1	5	23.09	0.204	23.16	0.207	23.24	0.211
1.4	16QAM	3	0	21.95	0.157	21.88	0.154	21.87	0.154
1.4	16QAM	3	1	22.07	0.161	22.02	0.159	21.90	0.155
1.4	16QAM	3	3	22.00	0.158	21.99	0.158	21.96	0.157
1.4	16QAM	6	0	22.01	0.159	21.98	0.158	21.88	0.154
1.4	64QAM	1	0	22.24	0.167	22.21	0.166	22.22	0.167
1.4	64QAM	1	3	22.12	0.163	22.22	0.167	21.96	0.157
1.4	64QAM	1	5	22.03	0.160	22.16	0.164	22.17	0.165
1.4	64QAM	3	0	21.92	0.156	21.87	0.154	21.87	0.154
1.4	64QAM	3	1	21.99	0.158	21.97	0.157	21.89	0.155
1.4	64QAM	3	3	21.92	0.156	21.93	0.156	21.93	0.156
1.4	64QAM	6	0	22.03	0.160	21.92	0.156	21.81	0.152
1.4	256QAM	1	0	18.13	0.065	18.08	0.064	18.15	0.065
1.4	256QAM	1	3	17.96	0.063	18.13	0.065	17.96	0.063
1.4	256QAM	1	5	17.98	0.063	18.05	0.064	18.13	0.065
1.4	256QAM	3	0	17.88	0.061	17.81	0.060	17.82	0.061
1.4	256QAM	3	1	17.88	0.061	18.12	0.065	17.83	0.061
1.4	256QAM	3	3	17.91	0.062	17.84	0.061	17.92	0.062
1.4	256QAM	6	0	17.97	0.063	17.90	0.062	17.83	0.061



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	17.04	0.051	17.17	0.052	17.10	0.051
20	QPSK	1	49	17.01	0.050	17.07	0.051	17.00	0.050
20	QPSK	1	99	17.12	0.052	17.09	0.051	17.13	0.052
20	QPSK	50	0	16.15	0.041	16.23	0.042	16.19	0.042
20	QPSK	50	24	16.08	0.041	16.11	0.041	16.15	0.041
20	QPSK	50	50	16.19	0.042	16.22	0.042	16.20	0.042
20	QPSK	100	0	16.14	0.041	16.24	0.042	16.16	0.041
20	16QAM	1	0	16.35	0.043	16.39	0.044	16.39	0.044
20	16QAM	1	49	16.37	0.043	16.46	0.044	16.44	0.044
20	16QAM	1	99	16.40	0.044	16.47	0.044	16.45	0.044
20	16QAM	50	0	15.07	0.032	15.11	0.032	15.16	0.033
20	16QAM	50	24	15.22	0.033	15.24	0.033	15.21	0.033
20	16QAM	50	50	15.21	0.033	15.26	0.034	15.23	0.033
20	16QAM	100	0	15.20	0.033	15.12	0.033	15.26	0.034
20	64QAM	1	0	15.29	0.034	15.43	0.035	15.34	0.034
20	64QAM	1	49	15.31	0.034	15.46	0.035	15.38	0.035
20	64QAM	1	99	15.41	0.035	15.52	0.036	15.42	0.035
20	64QAM	50	0	15.01	0.032	15.05	0.032	15.15	0.033
20	64QAM	50	24	15.22	0.033	15.22	0.033	15.21	0.033
20	64QAM	50	50	15.25	0.033	15.25	0.033	15.25	0.033
20	64QAM	100	0	15.22	0.033	15.09	0.032	15.30	0.034
20	256QAM	1	0	11.19	0.013	11.33	0.014	11.24	0.013
20	256QAM	1	49	11.21	0.013	11.36	0.014	11.28	0.013
20	256QAM	1	99	11.31	0.014	11.42	0.014	11.32	0.014
20	256QAM	50	0	10.92	0.012	10.96	0.012	11.06	0.013
20	256QAM	50	24	11.13	0.013	11.13	0.013	11.12	0.013
20	256QAM	50	50	11.16	0.013	11.16	0.013	11.16	0.013
20	256QAM	100	0	11.13	0.013	11.00	0.013	11.21	0.013



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	16.98	0.050	17.11	0.051	17.04	0.051
15	QPSK	1	37	16.95	0.050	17.01	0.050	16.94	0.049
15	QPSK	1	74	17.06	0.051	17.03	0.050	17.07	0.051
15	QPSK	36	0	16.09	0.041	16.17	0.041	16.13	0.041
15	QPSK	36	20	16.02	0.040	16.05	0.040	16.09	0.041
15	QPSK	36	39	16.13	0.041	16.16	0.041	16.14	0.041
15	QPSK	75	0	16.08	0.041	16.18	0.041	16.10	0.041
15	16QAM	1	0	16.29	0.043	16.33	0.043	16.33	0.043
15	16QAM	1	37	16.31	0.043	16.40	0.044	16.38	0.043
15	16QAM	1	74	16.34	0.043	16.41	0.044	16.39	0.044
15	16QAM	36	0	15.01	0.032	15.05	0.032	15.10	0.032
15	16QAM	36	20	15.16	0.033	15.18	0.033	15.15	0.033
15	16QAM	36	39	15.15	0.033	15.20	0.033	15.17	0.033
15	16QAM	75	0	15.14	0.033	15.06	0.032	15.20	0.033
15	64QAM	1	0	15.23	0.033	15.37	0.034	15.28	0.034
15	64QAM	1	37	15.25	0.033	15.40	0.035	15.32	0.034
15	64QAM	1	74	15.35	0.034	15.46	0.035	15.36	0.034
15	64QAM	36	0	14.95	0.031	14.99	0.032	15.09	0.032
15	64QAM	36	20	15.16	0.033	15.16	0.033	15.15	0.033
15	64QAM	36	39	15.19	0.033	15.19	0.033	15.19	0.033
15	64QAM	75	0	15.16	0.033	15.03	0.032	15.24	0.033
15	256QAM	1	0	11.13	0.013	11.27	0.013	11.18	0.013
15	256QAM	1	37	11.15	0.013	11.30	0.013	11.22	0.013
15	256QAM	1	74	11.25	0.013	11.36	0.014	11.26	0.013
15	256QAM	36	0	10.86	0.012	10.90	0.012	11.00	0.013
15	256QAM	36	20	11.07	0.013	11.07	0.013	11.06	0.013
15	256QAM	36	39	11.10	0.013	11.10	0.013	11.10	0.013
15	256QAM	75	0	11.07	0.013	10.94	0.012	11.15	0.013



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	16.94	0.049	17.07	0.051	17.00	0.050
10	QPSK	1	25	16.91	0.049	16.97	0.050	16.90	0.049
10	QPSK	1	49	17.02	0.050	16.99	0.050	17.03	0.050
10	QPSK	25	0	16.05	0.040	16.13	0.041	16.09	0.041
10	QPSK	25	12	15.98	0.040	16.01	0.040	16.05	0.040
10	QPSK	25	25	16.09	0.041	16.12	0.041	16.10	0.041
10	QPSK	50	0	16.04	0.040	16.14	0.041	16.06	0.040
10	16QAM	1	0	16.25	0.042	16.29	0.043	16.29	0.043
10	16QAM	1	25	16.27	0.042	16.36	0.043	16.34	0.043
10	16QAM	1	49	16.30	0.043	16.37	0.043	16.35	0.043
10	16QAM	25	0	14.97	0.031	15.01	0.032	15.06	0.032
10	16QAM	25	12	15.12	0.033	15.14	0.033	15.11	0.032
10	16QAM	25	25	15.11	0.032	15.16	0.033	15.13	0.033
10	16QAM	50	0	15.10	0.032	15.02	0.032	15.16	0.033
10	64QAM	1	0	15.19	0.033	15.33	0.034	15.24	0.033
10	64QAM	1	25	15.21	0.033	15.36	0.034	15.28	0.034
10	64QAM	1	49	15.31	0.034	15.42	0.035	15.32	0.034
10	64QAM	25	0	14.91	0.031	14.95	0.031	15.05	0.032
10	64QAM	25	12	15.12	0.033	15.12	0.033	15.11	0.032
10	64QAM	25	25	15.15	0.033	15.15	0.033	15.15	0.033
10	64QAM	50	0	15.12	0.033	14.99	0.032	15.20	0.033
10	256QAM	1	0	11.09	0.013	11.23	0.013	11.14	0.013
10	256QAM	1	25	11.11	0.013	11.26	0.013	11.18	0.013
10	256QAM	1	49	11.21	0.013	11.32	0.014	11.22	0.013
10	256QAM	25	0	10.82	0.012	10.86	0.012	10.96	0.012
10	256QAM	25	12	11.03	0.013	11.03	0.013	11.02	0.013
10	256QAM	25	25	11.06	0.013	11.06	0.013	11.06	0.013
10	256QAM	50	0	11.03	0.013	10.90	0.012	11.11	0.013



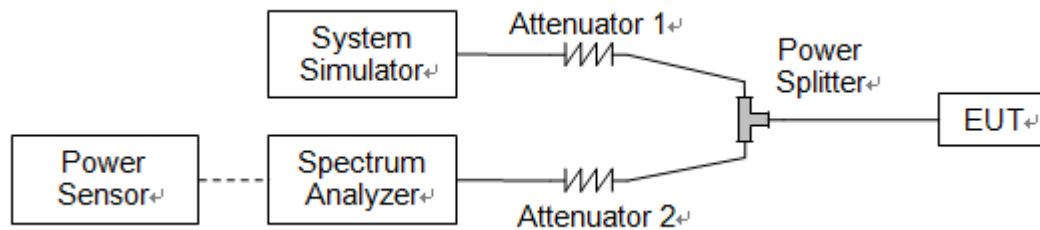
LTE Band 71				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				133147		133297		133447	
Frequency (MHz)				665.5		680.5		695.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	16.91	0.049	17.04	0.051	16.97	0.050
5	QPSK	1	12	16.88	0.049	16.94	0.049	16.87	0.049
5	QPSK	1	24	16.99	0.050	16.96	0.050	17.00	0.050
5	QPSK	12	0	16.02	0.040	16.10	0.041	16.06	0.040
5	QPSK	12	7	15.95	0.039	15.98	0.040	16.02	0.040
5	QPSK	12	13	16.06	0.040	16.09	0.041	16.07	0.040
5	QPSK	25	0	16.01	0.040	16.11	0.041	16.03	0.040
5	16QAM	1	0	16.22	0.042	16.26	0.042	16.26	0.042
5	16QAM	1	12	16.24	0.042	16.33	0.043	16.31	0.043
5	16QAM	1	24	16.27	0.042	16.34	0.043	16.32	0.043
5	16QAM	12	0	14.94	0.031	14.98	0.031	15.03	0.032
5	16QAM	12	7	15.09	0.032	15.11	0.032	15.08	0.032
5	16QAM	12	13	15.08	0.032	15.13	0.033	15.10	0.032
5	16QAM	25	0	15.07	0.032	14.99	0.032	15.13	0.033
5	64QAM	1	0	15.16	0.033	15.30	0.034	15.21	0.033
5	64QAM	1	12	15.18	0.033	15.33	0.034	15.25	0.033
5	64QAM	1	24	15.28	0.034	15.39	0.035	15.29	0.034
5	64QAM	12	0	14.88	0.031	14.92	0.031	15.02	0.032
5	64QAM	12	7	15.09	0.032	15.09	0.032	15.08	0.032
5	64QAM	12	13	15.12	0.033	15.12	0.033	15.12	0.033
5	64QAM	25	0	15.09	0.032	14.96	0.031	15.17	0.033
5	256QAM	1	0	11.06	0.013	11.20	0.013	11.11	0.013
5	256QAM	1	12	11.08	0.013	11.23	0.013	11.15	0.013
5	256QAM	1	24	11.18	0.013	11.29	0.013	11.19	0.013
5	256QAM	12	0	10.79	0.012	10.83	0.012	10.93	0.012
5	256QAM	12	7	11.00	0.013	11.00	0.013	10.99	0.013
5	256QAM	12	13	11.03	0.013	11.03	0.013	11.03	0.013
5	256QAM	25	0	11.00	0.013	10.87	0.012	11.08	0.013

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 50 Ohm; 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	1.0895	1.2343	PASS
B2	1.4	Low	18607	1850.7	16QAM	1.0960	1.2461	PASS
B2	1.4	Low	18607	1850.7	64QAM	1.0951	1.2433	PASS
B2	1.4	Low	18607	1850.7	256QAM	1.0887	1.2263	PASS
B2	1.4	Mid	18900	1880	QPSK	1.0916	1.2400	PASS
B2	1.4	Mid	18900	1880	16QAM	1.0973	1.2376	PASS
B2	1.4	Mid	18900	1880	64QAM	1.0946	1.2370	PASS
B2	1.4	Mid	18900	1880	256QAM	1.0888	1.2287	PASS
B2	1.4	High	19193	1909.3	QPSK	1.0945	1.2380	PASS
B2	1.4	High	19193	1909.3	16QAM	1.0969	1.2273	PASS
B2	1.4	High	19193	1909.3	64QAM	1.0966	1.2449	PASS
B2	1.4	High	19193	1909.3	256QAM	1.0902	1.2327	PASS
B2	3	Low	18615	1851.5	QPSK	2.7033	2.9991	PASS
B2	3	Low	18615	1851.5	16QAM	2.7073	3.0239	PASS
B2	3	Low	18615	1851.5	64QAM	2.7095	2.9905	PASS
B2	3	Low	18615	1851.5	256QAM	2.7046	3.0267	PASS
B2	3	Mid	18900	1880	QPSK	2.6988	2.9857	PASS
B2	3	Mid	18900	1880	16QAM	2.7120	3.0513	PASS
B2	3	Mid	18900	1880	64QAM	2.7058	2.9792	PASS
B2	3	Mid	18900	1880	256QAM	2.7055	3.0216	PASS
B2	3	High	19185	1908.5	QPSK	2.7043	3.0040	PASS
B2	3	High	19185	1908.5	16QAM	2.7141	3.0306	PASS
B2	3	High	19185	1908.5	64QAM	2.7041	2.9702	PASS
B2	3	High	19185	1908.5	256QAM	2.7085	2.9985	PASS
B2	5	Low	18625	1852.5	QPSK	4.4885	4.9248	PASS
B2	5	Low	18625	1852.5	16QAM	4.4780	4.9061	PASS
B2	5	Low	18625	1852.5	64QAM	4.4917	4.9362	PASS
B2	5	Low	18625	1852.5	256QAM	4.4929	4.8965	PASS
B2	5	Mid	18900	1880	QPSK	4.4884	4.9543	PASS
B2	5	Mid	18900	1880	16QAM	4.4819	4.8900	PASS
B2	5	Mid	18900	1880	64QAM	4.4974	4.9108	PASS
B2	5	Mid	18900	1880	256QAM	4.4927	4.9318	PASS
B2	5	High	19175	1907.5	QPSK	4.4865	4.9320	PASS



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B2	5	High	19175	1907.5	16QAM	4.4824	4.8853	PASS
B2	5	High	19175	1907.5	64QAM	4.5028	4.9025	PASS
B2	5	High	19175	1907.5	256QAM	4.4832	4.9072	PASS
B2	10	Low	18650	1855	QPSK	8.9701	9.6357	PASS
B2	10	Low	18650	1855	16QAM	8.9578	9.6939	PASS
B2	10	Low	18650	1855	64QAM	8.9710	9.7650	PASS
B2	10	Low	18650	1855	256QAM	8.9626	9.6641	PASS
B2	10	Mid	18900	1880	QPSK	8.9705	9.7346	PASS
B2	10	Mid	18900	1880	16QAM	8.9334	9.7204	PASS
B2	10	Mid	18900	1880	64QAM	8.9926	9.8000	PASS
B2	10	Mid	18900	1880	256QAM	8.9685	9.7410	PASS
B2	10	High	19150	1905	QPSK	8.9579	9.6774	PASS
B2	10	High	19150	1905	16QAM	8.9314	9.6495	PASS
B2	10	High	19150	1905	64QAM	8.9653	9.6525	PASS
B2	10	High	19150	1905	256QAM	8.9403	9.6480	PASS
B2	15	Low	18675	1857.5	QPSK	13.425	14.500	PASS
B2	15	Low	18675	1857.5	16QAM	13.434	14.481	PASS
B2	15	Low	18675	1857.5	64QAM	13.448	14.551	PASS
B2	15	Low	18675	1857.5	256QAM	13.420	14.492	PASS
B2	15	Mid	18900	1880	QPSK	13.436	14.438	PASS
B2	15	Mid	18900	1880	16QAM	13.411	14.538	PASS
B2	15	Mid	18900	1880	64QAM	13.425	14.499	PASS
B2	15	Mid	18900	1880	256QAM	13.395	14.479	PASS
B2	15	High	19125	1902.5	QPSK	13.424	14.454	PASS
B2	15	High	19125	1902.5	16QAM	13.395	14.449	PASS
B2	15	High	19125	1902.5	64QAM	13.413	14.435	PASS
B2	15	High	19125	1902.5	256QAM	13.404	14.416	PASS
B2	20	Low	18700	1860	QPSK	17.867	19.301	PASS
B2	20	Low	18700	1860	16QAM	17.909	19.310	PASS
B2	20	Low	18700	1860	64QAM	17.897	19.360	PASS
B2	20	Low	18700	1860	256QAM	17.888	19.187	PASS
B2	20	Mid	18900	1880	QPSK	17.882	19.360	PASS
B2	20	Mid	18900	1880	16QAM	17.863	19.267	PASS
B2	20	Mid	18900	1880	64QAM	17.902	19.372	PASS
B2	20	Mid	18900	1880	256QAM	17.903	19.228	PASS
B2	20	High	19100	1900	QPSK	17.929	19.308	PASS
B2	20	High	19100	1900	16QAM	17.896	19.261	PASS
B2	20	High	19100	1900	64QAM	17.869	19.355	PASS



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B2	20	High	19100	1900	256QAM	17.885	19.182	PASS
B4	1.4	Low	19957	1710.7	QPSK	1.0925	1.2319	PASS
B4	1.4	Low	19957	1710.7	16QAM	1.0964	1.2378	PASS
B4	1.4	Low	19957	1710.7	64QAM	1.0910	1.2358	PASS
B4	1.4	Low	19957	1710.7	256QAM	1.0867	1.2319	PASS
B4	1.4	Mid	20175	1732.5	QPSK	1.0940	1.2305	PASS
B4	1.4	Mid	20175	1732.5	16QAM	1.0997	1.2412	PASS
B4	1.4	Mid	20175	1732.5	64QAM	1.0956	1.2464	PASS
B4	1.4	Mid	20175	1732.5	256QAM	1.0899	1.2312	PASS
B4	1.4	High	20393	1754.3	QPSK	1.0934	1.2293	PASS
B4	1.4	High	20393	1754.3	16QAM	1.0966	1.2432	PASS
B4	1.4	High	20393	1754.3	64QAM	1.0929	1.2443	PASS
B4	1.4	High	20393	1754.3	256QAM	1.0897	1.2304	PASS
B4	3	Low	19965	1711.5	QPSK	2.7002	2.9932	PASS
B4	3	Low	19965	1711.5	16QAM	2.7152	3.0497	PASS
B4	3	Low	19965	1711.5	64QAM	2.7122	2.9959	PASS
B4	3	Low	19965	1711.5	256QAM	2.7066	3.0113	PASS
B4	3	Mid	20175	1732.5	QPSK	2.7006	2.9903	PASS
B4	3	Mid	20175	1732.5	16QAM	2.7167	3.0418	PASS
B4	3	Mid	20175	1732.5	64QAM	2.7014	2.9998	PASS
B4	3	Mid	20175	1732.5	256QAM	2.7110	3.0060	PASS
B4	3	High	20385	1753.5	QPSK	2.6944	2.9843	PASS
B4	3	High	20385	1753.5	16QAM	2.7147	3.0289	PASS
B4	3	High	20385	1753.5	64QAM	2.7083	2.9944	PASS
B4	3	High	20385	1753.5	256QAM	2.7058	3.0164	PASS
B4	5	Low	19975	1712.5	QPSK	2.7135	3.0219	PASS
B4	5	Low	19975	1712.5	16QAM	4.4926	4.8855	PASS
B4	5	Low	19975	1712.5	64QAM	4.4865	4.9350	PASS
B4	5	Low	19975	1712.5	256QAM	4.4818	4.9260	PASS
B4	5	Mid	20175	1732.5	QPSK	4.4871	4.9486	PASS
B4	5	Mid	20175	1732.5	16QAM	4.4856	4.8871	PASS
B4	5	Mid	20175	1732.5	64QAM	4.4997	4.9409	PASS
B4	5	Mid	20175	1732.5	256QAM	4.3468	4.5703	PASS
B4	5	High	20375	1752.5	QPSK	4.4929	4.9598	PASS
B4	5	High	20375	1752.5	16QAM	4.4898	4.9033	PASS
B4	5	High	20375	1752.5	64QAM	4.4984	4.9487	PASS
B4	5	High	20375	1752.5	256QAM	4.4923	4.8750	PASS
B4	10	Low	20000	1715	QPSK	8.9826	9.7944	PASS



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B4	10	Low	20000	1715	16QAM	8.9691	9.6836	PASS
B4	10	Low	20000	1715	64QAM	8.9833	9.7835	PASS
B4	10	Low	20000	1715	256QAM	8.9830	9.7328	PASS
B4	10	Mid	20175	1732.5	QPSK	8.9864	9.7670	PASS
B4	10	Mid	20175	1732.5	16QAM	8.9417	9.7392	PASS
B4	10	Mid	20175	1732.5	64QAM	8.9681	9.7930	PASS
B4	10	Mid	20175	1732.5	256QAM	8.7933	9.2338	PASS
B4	10	High	20350	1750	QPSK	8.9888	9.7384	PASS
B4	10	High	20350	1750	16QAM	8.9650	9.7674	PASS
B4	10	High	20350	1750	64QAM	8.9877	9.8161	PASS
B4	10	High	20350	1750	256QAM	8.9663	9.7422	PASS
B4	15	Low	20025	1717.5	QPSK	13.487	14.497	PASS
B4	15	Low	20025	1717.5	16QAM	13.457	14.503	PASS
B4	15	Low	20025	1717.5	64QAM	13.473	14.598	PASS
B4	15	Low	20025	1717.5	256QAM	13.450	14.519	PASS
B4	15	Mid	20175	1732.5	QPSK	13.413	14.482	PASS
B4	15	Mid	20175	1732.5	16QAM	13.439	14.517	PASS
B4	15	Mid	20175	1732.5	64QAM	13.431	14.557	PASS
B4	15	Mid	20175	1732.5	256QAM	13.425	14.410	PASS
B4	15	High	20325	1747.5	QPSK	13.456	14.633	PASS
B4	15	High	20325	1747.5	16QAM	13.469	14.524	PASS
B4	15	High	20325	1747.5	64QAM	13.490	14.579	PASS
B4	15	High	20325	1747.5	256QAM	13.471	14.626	PASS
B4	20	Low	20050	1720	QPSK	17.935	19.389	PASS
B4	20	Low	20050	1720	16QAM	17.929	19.311	PASS
B4	20	Low	20050	1720	64QAM	17.928	19.264	PASS
B4	20	Low	20050	1720	256QAM	17.932	19.284	PASS
B4	20	Mid	20175	1732.5	QPSK	17.871	19.229	PASS
B4	20	Mid	20175	1732.5	16QAM	17.851	19.157	PASS
B4	20	Mid	20175	1732.5	64QAM	17.853	19.379	PASS
B4	20	Mid	20175	1732.5	256QAM	17.869	19.196	PASS
B4	20	High	20300	1745	QPSK	17.955	19.297	PASS
B4	20	High	20300	1745	16QAM	17.904	19.250	PASS
B4	20	High	20300	1745	64QAM	17.940	19.350	PASS
B4	20	High	20300	1745	256QAM	17.940	19.347	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	1.0918	1.2340	PASS
B5	1.4	Low	20407	824.7	16QAM	1.1012	1.2404	PASS
B5	1.4	Low	20407	824.7	64QAM	1.0955	1.2447	PASS
B5	1.4	Low	20407	824.7	256QAM	1.0895	1.2312	PASS
B5	1.4	Mid	20525	836.5	QPSK	1.0929	1.2356	PASS
B5	1.4	Mid	20525	836.5	16QAM	1.1001	1.2324	PASS
B5	1.4	Mid	20525	836.5	64QAM	1.0948	1.2321	PASS
B5	1.4	Mid	20525	836.5	256QAM	1.0884	1.2344	PASS
B5	1.4	High	20643	848.3	QPSK	1.0955	1.2335	PASS
B5	1.4	High	20643	848.3	16QAM	1.1015	1.2360	PASS
B5	1.4	High	20643	848.3	64QAM	1.0954	1.2414	PASS
B5	1.4	High	20643	848.3	256QAM	1.0887	1.2321	PASS
B5	3	Low	20415	825.5	QPSK	2.7025	3.0055	PASS
B5	3	Low	20415	825.5	16QAM	2.7121	3.0467	PASS
B5	3	Low	20415	825.5	64QAM	2.7119	3.0183	PASS
B5	3	Low	20415	825.5	256QAM	2.7123	3.0238	PASS
B5	3	Mid	20525	836.5	QPSK	2.7005	2.9986	PASS
B5	3	Mid	20525	836.5	16QAM	2.7097	3.0302	PASS
B5	3	Mid	20525	836.5	64QAM	2.7050	2.9703	PASS
B5	3	Mid	20525	836.5	256QAM	2.7026	3.0312	PASS
B5	3	High	20635	847.5	QPSK	2.7122	3.0106	PASS
B5	3	High	20635	847.5	16QAM	2.7105	3.0158	PASS
B5	3	High	20635	847.5	64QAM	2.7044	3.0060	PASS
B5	3	High	20635	847.5	256QAM	2.7145	3.0301	PASS
B5	5	Low	20425	826.5	QPSK	4.4895	4.9313	PASS
B5	5	Low	20425	826.5	16QAM	4.4805	4.8910	PASS
B5	5	Low	20425	826.5	64QAM	4.4982	4.9575	PASS
B5	5	Low	20425	826.5	256QAM	4.4726	4.9015	PASS
B5	5	Mid	20525	836.5	QPSK	4.4870	4.9141	PASS
B5	5	Mid	20525	836.5	16QAM	4.4857	4.8640	PASS
B5	5	Mid	20525	836.5	64QAM	4.5032	4.9308	PASS
B5	5	Mid	20525	836.5	256QAM	4.4915	4.8945	PASS
B5	5	High	20625	846.5	QPSK	4.4916	4.9227	PASS
B5	5	High	20625	846.5	16QAM	4.4822	4.9082	PASS
B5	5	High	20625	846.5	64QAM	4.5057	4.9154	PASS



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B5	5	High	20625	846.5	256QAM	4.4803	4.8924	PASS
B5	10	Low	20450	829	QPSK	8.9637	9.7255	PASS
B5	10	Low	20450	829	16QAM	8.9297	9.7318	PASS
B5	10	Low	20450	829	64QAM	8.9675	9.7608	PASS
B5	10	Low	20450	829	256QAM	8.9514	9.6872	PASS
B5	10	Mid	20525	836.5	QPSK	8.9664	9.7372	PASS
B5	10	Mid	20525	836.5	16QAM	8.9590	9.7015	PASS
B5	10	Mid	20525	836.5	64QAM	8.9632	9.7574	PASS
B5	10	Mid	20525	836.5	256QAM	8.9664	9.6852	PASS
B5	10	High	20600	844	QPSK	8.9456	9.6783	PASS
B5	10	High	20600	844	16QAM	8.8955	9.6489	PASS
B5	10	High	20600	844	64QAM	8.9410	9.6971	PASS
B5	10	High	20600	844	256QAM	8.9413	9.6632	PASS
B7	5	Low	20775	2502.5	QPSK	4.4903	4.9145	PASS
B7	5	Low	20775	2502.5	16QAM	4.4854	4.8893	PASS
B7	5	Low	20775	2502.5	64QAM	4.4949	4.9516	PASS
B7	5	Low	20775	2502.5	256QAM	4.4845	4.8926	PASS
B7	5	Mid	21100	2535	QPSK	4.4898	4.9378	PASS
B7	5	Mid	21100	2535	16QAM	4.4840	4.9225	PASS
B7	5	Mid	21100	2535	64QAM	4.5051	4.9460	PASS
B7	5	Mid	21100	2535	256QAM	4.4871	4.9115	PASS
B7	5	High	21425	2567.5	QPSK	4.4920	4.9384	PASS
B7	5	High	21425	2567.5	16QAM	4.4839	4.9135	PASS
B7	5	High	21425	2567.5	64QAM	4.4895	4.9465	PASS
B7	5	High	21425	2567.5	256QAM	4.4917	4.8954	PASS
B7	10	Low	20800	2505	QPSK	8.9662	9.7644	PASS
B7	10	Low	20800	2505	16QAM	8.9676	9.7071	PASS
B7	10	Low	20800	2505	64QAM	8.9860	9.7212	PASS
B7	10	Low	20800	2505	256QAM	8.9863	9.7994	PASS
B7	10	Mid	21100	2535	QPSK	8.9773	9.7865	PASS
B7	10	Mid	21100	2535	16QAM	8.9602	9.7742	PASS
B7	10	Mid	21100	2535	64QAM	8.9926	9.7801	PASS
B7	10	Mid	21100	2535	256QAM	8.9718	9.7273	PASS
B7	10	High	21400	2565	QPSK	9.0002	9.7389	PASS
B7	10	High	21400	2565	16QAM	8.9449	9.7399	PASS
B7	10	High	21400	2565	64QAM	9.0013	9.7845	PASS
B7	10	High	21400	2565	256QAM	8.9713	9.7242	PASS
B7	15	Low	20825	2507.5	QPSK	13.434	14.639	PASS



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B7	15	Low	20825	2507.5	16QAM	13.442	14.602	PASS
B7	15	Low	20825	2507.5	64QAM	13.455	14.532	PASS
B7	15	Low	20825	2507.5	256QAM	13.438	14.616	PASS
B7	15	Mid	21100	2535	QPSK	13.468	14.575	PASS
B7	15	Mid	21100	2535	16QAM	13.448	14.532	PASS
B7	15	Mid	21100	2535	64QAM	13.447	14.644	PASS
B7	15	Mid	21100	2535	256QAM	13.453	14.626	PASS
B7	15	High	21375	2562.5	QPSK	13.438	14.482	PASS
B7	15	High	21375	2562.5	16QAM	13.435	14.558	PASS
B7	15	High	21375	2562.5	64QAM	13.442	14.505	PASS
B7	15	High	21375	2562.5	256QAM	13.424	14.516	PASS
B7	20	Low	20850	2510	QPSK	17.916	19.284	PASS
B7	20	Low	20850	2510	16QAM	17.894	19.230	PASS
B7	20	Low	20850	2510	64QAM	17.932	19.283	PASS
B7	20	Low	20850	2510	256QAM	17.917	19.133	PASS
B7	20	Mid	21100	2535	QPSK	17.898	19.262	PASS
B7	20	Mid	21100	2535	16QAM	17.896	19.212	PASS
B7	20	Mid	21100	2535	64QAM	17.915	19.368	PASS
B7	20	Mid	21100	2535	256QAM	17.891	19.214	PASS
B7	20	High	21350	2560	QPSK	17.908	19.309	PASS
B7	20	High	21350	2560	16QAM	17.884	19.311	PASS
B7	20	High	21350	2560	64QAM	17.912	19.324	PASS
B7	20	High	21350	2560	256QAM	17.913	19.337	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	1.0900	1.2262	PASS
B12	1.4	Low	23017	699.7	16QAM	1.0953	1.2337	PASS
B12	1.4	Low	23017	699.7	64QAM	1.0931	1.2482	PASS
B12	1.4	Low	23017	699.7	256QAM	1.0903	1.2273	PASS
B12	1.4	Mid	23095	707.5	QPSK	1.0952	1.2367	PASS
B12	1.4	Mid	23095	707.5	16QAM	1.0995	1.2365	PASS
B12	1.4	Mid	23095	707.5	64QAM	1.0981	1.2396	PASS
B12	1.4	Mid	23095	707.5	256QAM	1.0908	1.2285	PASS
B12	1.4	High	23173	715.3	QPSK	1.0925	1.2258	PASS
B12	1.4	High	23173	715.3	16QAM	1.0971	1.2362	PASS
B12	1.4	High	23173	715.3	64QAM	1.0971	1.2351	PASS
B12	1.4	High	23173	715.3	256QAM	1.0872	1.2279	PASS
B12	3	Low	23025	700.5	QPSK	2.6975	3.0024	PASS
B12	3	Low	23025	700.5	16QAM	2.7211	3.0201	PASS
B12	3	Low	23025	700.5	64QAM	2.7021	3.0142	PASS
B12	3	Low	23025	700.5	256QAM	2.7094	3.0160	PASS
B12	3	Mid	23095	707.5	QPSK	2.7009	3.0109	PASS
B12	3	Mid	23095	707.5	16QAM	2.7183	3.0353	PASS
B12	3	Mid	23095	707.5	64QAM	2.7039	3.0179	PASS
B12	3	Mid	23095	707.5	256QAM	2.7109	3.0177	PASS
B12	3	High	23165	714.5	QPSK	2.6963	2.9842	PASS
B12	3	High	23165	714.5	16QAM	2.7180	3.0638	PASS
B12	3	High	23165	714.5	64QAM	2.7073	2.9768	PASS
B12	3	High	23165	714.5	256QAM	2.7040	3.0229	PASS
B12	5	Low	23035	701.5	QPSK	4.4879	4.9612	PASS
B12	5	Low	23035	701.5	16QAM	4.4830	4.8927	PASS
B12	5	Low	23035	701.5	64QAM	4.4916	4.9217	PASS
B12	5	Low	23035	701.5	256QAM	4.4881	4.9388	PASS
B12	5	Mid	23095	707.5	QPSK	4.4911	4.9540	PASS
B12	5	Mid	23095	707.5	16QAM	4.4845	4.9098	PASS
B12	5	Mid	23095	707.5	64QAM	4.5011	4.9239	PASS
B12	5	Mid	23095	707.5	256QAM	4.4836	4.8931	PASS
B12	5	High	23155	713.5	QPSK	4.4802	4.9175	PASS
B12	5	High	23155	713.5	16QAM	4.4760	4.8842	PASS
B12	5	High	23155	713.5	64QAM	4.4987	4.9100	PASS



B12	5	High	23155	713.5	256QAM	4.4871	4.9247	PASS
B12	10	Low	23060	704	QPSK	8.9613	9.7033	PASS
B12	10	Low	23060	704	16QAM	8.9171	9.6965	PASS
B12	10	Low	23060	704	64QAM	8.9631	9.7187	PASS
B12	10	Low	23060	704	256QAM	8.9385	9.7234	PASS
B12	10	Mid	23095	707.5	QPSK	8.9606	9.7283	PASS
B12	10	Mid	23095	707.5	16QAM	8.9461	9.7351	PASS
B12	10	Mid	23095	707.5	64QAM	8.9659	9.7273	PASS
B12	10	Mid	23095	707.5	256QAM	8.9512	9.7136	PASS
B12	10	High	23130	711	QPSK	8.9465	9.6757	PASS
B12	10	High	23130	711	16QAM	8.9490	9.7534	PASS
B12	10	High	23130	711	64QAM	8.9750	9.7422	PASS
B12	10	High	23130	711	256QAM	8.9504	9.6876	PASS
B13	5	Low	23205	779.5	QPSK	4.4857	4.9331	PASS
B13	5	Low	23205	779.5	16QAM	4.4725	4.8890	PASS
B13	5	Low	23205	779.5	64QAM	4.4869	4.9151	PASS
B13	5	Low	23205	779.5	256QAM	4.4927	4.8661	PASS
B13	5	Mid	23230	782	QPSK	4.4818	4.9282	PASS
B13	5	Mid	23230	782	16QAM	4.4718	4.8493	PASS
B13	5	Mid	23230	782	64QAM	4.4882	4.9301	PASS
B13	5	Mid	23230	782	256QAM	4.4780	4.8947	PASS
B13	5	High	23255	784.5	QPSK	4.4910	4.9576	PASS
B13	5	High	23255	784.5	16QAM	4.4821	4.8715	PASS
B13	5	High	23255	784.5	64QAM	4.5031	4.9187	PASS
B13	5	High	23255	784.5	256QAM	4.4909	4.8939	PASS
B13	10	Mid	23230	782	QPSK	8.9426	9.6199	PASS
B13	10	Mid	23230	782	16QAM	8.8862	9.6119	PASS
B13	10	Mid	23230	782	64QAM	8.9414	9.7059	PASS
B13	10	Mid	23230	782	256QAM	8.9203	9.6586	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	4.4871	4.9061	PASS
B17	5	Low	23755	706.5	16QAM	4.4819	4.8893	PASS
B17	5	Low	23755	706.5	64QAM	4.4923	4.9320	PASS
B17	5	Low	23755	706.5	256QAM	4.4839	4.9029	PASS
B17	5	Mid	23790	710	QPSK	4.4847	4.9270	PASS
B17	5	Mid	23790	710	16QAM	4.4865	4.8984	PASS
B17	5	Mid	23790	710	64QAM	4.4971	4.9328	PASS
B17	5	Mid	23790	710	256QAM	4.4807	4.8917	PASS
B17	5	High	23825	713.5	QPSK	4.4780	4.9218	PASS
B17	5	High	23825	713.5	16QAM	4.4784	4.8935	PASS
B17	5	High	23825	713.5	64QAM	4.4916	4.9363	PASS
B17	5	High	23825	713.5	256QAM	4.4858	4.9007	PASS
B17	10	Low	23780	709	QPSK	8.9572	9.7297	PASS
B17	10	Low	23780	709	16QAM	8.9376	9.6350	PASS
B17	10	Low	23780	709	64QAM	8.9619	9.7403	PASS
B17	10	Low	23780	709	256QAM	8.9658	9.7489	PASS
B17	10	Mid	23790	710	QPSK	8.9718	9.7408	PASS
B17	10	Mid	23790	710	16QAM	8.9335	9.7442	PASS
B17	10	Mid	23790	710	64QAM	8.9991	9.7612	PASS
B17	10	Mid	23790	710	256QAM	8.9663	9.7243	PASS
B17	10	High	23800	711	QPSK	8.9604	9.6923	PASS
B17	10	High	23800	711	16QAM	8.9477	9.7235	PASS
B17	10	High	23800	711	64QAM	8.9692	9.7241	PASS
B17	10	High	23800	711	256QAM	8.9610	9.6948	PASS
B19	5	Low	24025	832.5	QPSK	4.4868	4.9049	PASS
B19	5	Low	24025	832.5	16QAM	4.4796	4.8989	PASS
B19	5	Low	24025	832.5	64QAM	4.4945	4.9001	PASS
B19	5	Low	24025	832.5	256QAM	4.4837	4.8801	PASS
B19	5	Mid	24075	837.5	QPSK	4.4938	4.9693	PASS
B19	5	Mid	24075	837.5	16QAM	4.4860	4.8912	PASS
B19	5	Mid	24075	837.5	64QAM	4.4974	4.9123	PASS
B19	5	Mid	24075	837.5	256QAM	4.4825	4.9272	PASS
B19	5	High	24125	842.5	QPSK	4.4883	4.9307	PASS
B19	5	High	24125	842.5	16QAM	4.4793	4.9016	PASS
B19	5	High	24125	842.5	64QAM	4.4948	4.9380	PASS



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B19	5	High	24125	842.5	256QAM	4.4868	4.8855	PASS
B19	10	Low	24050	835	QPSK	8.9703	9.7542	PASS
B19	10	Low	24050	835	16QAM	8.9214	9.7134	PASS
B19	10	Low	24050	835	64QAM	8.9743	9.7047	PASS
B19	10	Low	24050	835	256QAM	8.9359	9.6531	PASS
B19	10	Mid	24075	837.5	QPSK	8.9675	9.7292	PASS
B19	10	Mid	24075	837.5	16QAM	8.9376	9.7451	PASS
B19	10	Mid	24075	837.5	64QAM	8.9909	9.7716	PASS
B19	10	Mid	24075	837.5	256QAM	8.9741	9.6904	PASS
B19	10	High	24100	840	QPSK	8.9741	9.7186	PASS
B19	10	High	24100	840	16QAM	8.9498	9.7773	PASS
B19	10	High	24100	840	64QAM	8.9665	9.7518	PASS
B19	10	High	24100	840	256QAM	8.9610	9.7495	PASS
B19	15	Low	24075	837.5	QPSK	13.452	14.474	PASS
B19	15	Low	24075	837.5	16QAM	13.425	14.435	PASS
B19	15	Low	24075	837.5	64QAM	13.446	14.536	PASS
B19	15	Low	24075	837.5	256QAM	13.444	14.625	PASS
B19	15	Mid	24075	837.5	QPSK	13.431	14.499	PASS
B19	15	Mid	24075	837.5	16QAM	13.438	14.511	PASS
B19	15	Mid	24075	837.5	64QAM	13.434	14.617	PASS
B19	15	Mid	24075	837.5	256QAM	13.438	14.437	PASS
B19	15	High	24075	837.5	QPSK	13.470	14.500	PASS
B19	15	High	24075	837.5	16QAM	13.436	14.469	PASS
B19	15	High	24075	837.5	64QAM	13.443	14.499	PASS
B19	15	High	24075	837.5	256QAM	13.431	14.487	PASS



LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	P/F
B25	1.4	Low	26047	1850.7	QPSK	1.0953	1.2397	PASS
B25	1.4	Low	26047	1850.7	16QAM	1.0989	1.2404	PASS
B25	1.4	Low	26047	1850.7	64QAM	1.0946	1.2411	PASS
B25	1.4	Low	26047	1850.7	256QAM	1.0915	1.2320	PASS
B25	1.4	Mid	26365	1882.5	QPSK	1.0937	1.2326	PASS
B25	1.4	Mid	26365	1882.5	16QAM	1.1010	1.2486	PASS
B25	1.4	Mid	26365	1882.5	64QAM	1.0944	1.2342	PASS
B25	1.4	Mid	26365	1882.5	256QAM	1.0897	1.2338	PASS
B25	1.4	High	26683	1914.3	QPSK	1.0958	1.2350	PASS
B25	1.4	High	26683	1914.3	16QAM	1.0976	1.2368	PASS
B25	1.4	High	26683	1914.3	64QAM	1.0976	1.2532	PASS
B25	1.4	High	26683	1914.3	256QAM	1.0900	1.2313	PASS
B25	3	Low	26055	1851.5	QPSK	2.7014	2.9802	PASS
B25	3	Low	26055	1851.5	16QAM	2.7120	3.0136	PASS
B25	3	Low	26055	1851.5	64QAM	2.7108	3.0049	PASS
B25	3	Low	26055	1851.5	256QAM	2.7026	3.0352	PASS
B25	3	Mid	26365	1882.5	QPSK	2.7057	3.0088	PASS
B25	3	Mid	26365	1882.5	16QAM	2.7131	3.0907	PASS
B25	3	Mid	26365	1882.5	64QAM	2.7164	3.0162	PASS
B25	3	Mid	26365	1882.5	256QAM	2.7118	2.9930	PASS
B25	3	High	26675	1913.5	QPSK	2.6993	2.9707	PASS
B25	3	High	26675	1913.5	16QAM	2.7172	2.9959	PASS
B25	3	High	26675	1913.5	64QAM	2.7131	2.9971	PASS
B25	3	High	26675	1913.5	256QAM	2.7129	3.0076	PASS
B25	5	Low	26065	1852.5	QPSK	4.4927	4.9141	PASS
B25	5	Low	26065	1852.5	16QAM	4.4789	4.9023	PASS
B25	5	Low	26065	1852.5	64QAM	4.4872	4.9483	PASS
B25	5	Low	26065	1852.5	256QAM	4.4930	4.8967	PASS
B25	5	Mid	26365	1882.5	QPSK	4.4846	4.9360	PASS
B25	5	Mid	26365	1882.5	16QAM	4.4814	4.8973	PASS
B25	5	Mid	26365	1882.5	64QAM	4.4894	4.9255	PASS
B25	5	Mid	26365	1882.5	256QAM	4.4906	4.8945	PASS
B25	5	High	26665	1912.5	QPSK	4.4925	4.9436	PASS
B25	5	High	26665	1912.5	16QAM	4.4881	4.9263	PASS
B25	5	High	26665	1912.5	64QAM	4.5082	4.9475	PASS



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B25	5	High	26665	1912.5	256QAM	4.4952	4.9142	PASS
B25	10	Low	26090	1855	QPSK	8.9589	9.6763	PASS
B25	10	Low	26090	1855	16QAM	8.9376	9.7265	PASS
B25	10	Low	26090	1855	64QAM	8.9921	9.7698	PASS
B25	10	Low	26090	1855	256QAM	8.9659	9.6680	PASS
B25	10	Mid	26365	1882.5	QPSK	8.9749	9.6990	PASS
B25	10	Mid	26365	1882.5	16QAM	8.9319	9.7042	PASS
B25	10	Mid	26365	1882.5	64QAM	8.9747	9.7388	PASS
B25	10	Mid	26365	1882.5	256QAM	8.9433	9.6790	PASS
B25	10	High	26640	1910	QPSK	8.9727	9.6683	PASS
B25	10	High	26640	1910	16QAM	8.9578	9.7340	PASS
B25	10	High	26640	1910	64QAM	8.9883	9.7315	PASS
B25	10	High	26640	1910	256QAM	8.9827	9.7885	PASS
B25	15	Low	26115	1857.5	QPSK	13.422	14.592	PASS
B25	15	Low	26115	1857.5	16QAM	13.421	14.480	PASS
B25	15	Low	26115	1857.5	64QAM	13.418	14.528	PASS
B25	15	Low	26115	1857.5	256QAM	13.427	14.474	PASS
B25	15	Mid	26365	1882.5	QPSK	13.367	14.423	PASS
B25	15	Mid	26365	1882.5	16QAM	13.401	14.374	PASS
B25	15	Mid	26365	1882.5	64QAM	13.401	14.522	PASS
B25	15	Mid	26365	1882.5	256QAM	13.401	14.561	PASS
B25	15	High	26615	1907.5	QPSK	13.440	14.406	PASS
B25	15	High	26615	1907.5	16QAM	13.418	14.399	PASS
B25	15	High	26615	1907.5	64QAM	13.422	14.482	PASS
B25	15	High	26615	1907.5	256QAM	13.400	14.469	PASS
B25	20	Low	26140	1860	QPSK	17.859	19.228	PASS
B25	20	Low	26140	1860	16QAM	17.844	19.169	PASS
B25	20	Low	26140	1860	64QAM	17.872	19.353	PASS
B25	20	Low	26140	1860	256QAM	17.861	19.114	PASS
B25	20	Mid	26365	1882.5	QPSK	17.838	19.186	PASS
B25	20	Mid	26365	1882.5	16QAM	17.831	19.121	PASS
B25	20	Mid	26365	1882.5	64QAM	17.797	19.002	PASS
B25	20	Mid	26365	1882.5	256QAM	17.814	19.160	PASS
B25	20	High	26590	1905	QPSK	17.824	19.104	PASS
B25	20	High	26590	1905	16QAM	17.830	19.094	PASS
B25	20	High	26590	1905	64QAM	17.866	19.116	PASS
B25	20	High	26590	1905	256QAM	17.823	19.135	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	1.0932	1.2412	PASS
B26	1.4	Low	26797	824.7	16QAM	1.0991	1.2377	PASS
B26	1.4	Low	26797	824.7	64QAM	1.0970	1.2400	PASS
B26	1.4	Low	26797	824.7	256QAM	1.0892	1.2329	PASS
B26	1.4	Mid	26915	836.5	QPSK	1.0942	1.2443	PASS
B26	1.4	Mid	26915	836.5	16QAM	1.0995	1.2351	PASS
B26	1.4	Mid	26915	836.5	64QAM	1.0962	1.2355	PASS
B26	1.4	Mid	26915	836.5	256QAM	1.0893	1.2223	PASS
B26	1.4	High	27033	848.3	QPSK	1.0923	1.2300	PASS
B26	1.4	High	27033	848.3	16QAM	1.1010	1.2305	PASS
B26	1.4	High	27033	848.3	64QAM	1.0950	1.2308	PASS
B26	1.4	High	27033	848.3	256QAM	1.0875	1.2352	PASS
B26	3	Low	26805	825.5	QPSK	2.6993	2.9829	PASS
B26	3	Low	26805	825.5	16QAM	2.7103	3.0483	PASS
B26	3	Low	26805	825.5	64QAM	2.7101	3.0047	PASS
B26	3	Low	26805	825.5	256QAM	2.7120	3.0182	PASS
B26	3	Mid	26915	836.5	QPSK	2.7015	2.9874	PASS
B26	3	Mid	26915	836.5	16QAM	2.7200	3.0235	PASS
B26	3	Mid	26915	836.5	64QAM	2.7095	3.0128	PASS
B26	3	Mid	26915	836.5	256QAM	2.7018	3.0074	PASS
B26	3	High	27025	847.5	QPSK	2.7025	3.0055	PASS
B26	3	High	27025	847.5	16QAM	2.7192	3.0457	PASS
B26	3	High	27025	847.5	64QAM	2.7068	2.9849	PASS
B26	3	High	27025	847.5	256QAM	2.7096	3.0337	PASS
B26	5	Low	26815	826.5	QPSK	4.4923	4.9362	PASS
B26	5	Low	26815	826.5	16QAM	4.4776	4.8995	PASS
B26	5	Low	26815	826.5	64QAM	4.4958	4.9548	PASS
B26	5	Low	26815	826.5	256QAM	4.4872	4.8957	PASS
B26	5	Mid	26915	836.5	QPSK	4.4876	4.9470	PASS
B26	5	Mid	26915	836.5	16QAM	4.4819	4.8709	PASS
B26	5	Mid	26915	836.5	64QAM	4.4879	4.9279	PASS
B26	5	Mid	26915	836.5	256QAM	4.4872	4.8931	PASS
B26	5	High	27015	846.5	QPSK	4.4827	4.9330	PASS
B26	5	High	27015	846.5	16QAM	4.4785	4.9115	PASS
B26	5	High	27015	846.5	64QAM	4.4912	4.9073	PASS



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B26	5	High	27015	846.5	256QAM	4.4800	4.9215	PASS
B26	10	Low	26840	829	QPSK	8.9716	9.7439	PASS
B26	10	Low	26840	829	16QAM	8.9307	9.7437	PASS
B26	10	Low	26840	829	64QAM	8.9591	9.7799	PASS
B26	10	Low	26840	829	256QAM	8.9608	9.6888	PASS
B26	10	Mid	26915	836.5	QPSK	8.9479	9.6817	PASS
B26	10	Mid	26915	836.5	16QAM	8.9338	9.6991	PASS
B26	10	Mid	26915	836.5	64QAM	8.9772	9.7536	PASS
B26	10	Mid	26915	836.5	256QAM	8.9477	9.7441	PASS
B26	10	High	26990	844	QPSK	8.9300	9.6512	PASS
B26	10	High	26990	844	16QAM	8.9051	9.7277	PASS
B26	10	High	26990	844	64QAM	8.9459	9.6870	PASS
B26	10	High	26990	844	256QAM	8.9325	9.6282	PASS
B26	15	Low	26865	831.5	QPSK	13.420	14.472	PASS
B26	15	Low	26865	831.5	16QAM	13.395	14.482	PASS
B26	15	Low	26865	831.5	64QAM	13.410	14.513	PASS
B26	15	Low	26865	831.5	256QAM	13.417	14.522	PASS
B26	15	Mid	26915	836.5	QPSK	13.458	14.558	PASS
B26	15	Mid	26915	836.5	16QAM	13.442	14.414	PASS
B26	15	Mid	26915	836.5	64QAM	13.428	14.562	PASS
B26	15	Mid	26915	836.5	256QAM	13.411	14.431	PASS
B26	15	High	26965	841.5	QPSK	13.436	14.420	PASS
B26	15	High	26965	841.5	16QAM	13.396	14.460	PASS
B26	15	High	26965	841.5	64QAM	13.386	14.571	PASS
B26	15	High	26965	841.5	256QAM	13.398	14.540	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	4.4985	4.9888	PASS
B38	5	Low	37775	2572.5	16QAM	4.4853	4.9150	PASS
B38	5	Low	37775	2572.5	64QAM	4.5011	5.0040	PASS
B38	5	Low	37775	2572.5	256QAM	4.4801	5.0240	PASS
B38	5	Mid	38000	2595	QPSK	4.4975	4.9513	PASS
B38	5	Mid	38000	2595	16QAM	4.4900	4.9056	PASS
B38	5	Mid	38000	2595	64QAM	4.4969	4.9725	PASS
B38	5	Mid	38000	2595	256QAM	4.4827	5.5541	PASS
B38	5	High	38225	2617.5	QPSK	4.5002	4.9436	PASS
B38	5	High	38225	2617.5	16QAM	4.4938	4.9339	PASS
B38	5	High	38225	2617.5	64QAM	4.4993	4.9390	PASS
B38	5	High	38225	2617.5	256QAM	4.4824	5.0584	PASS
B38	10	Low	37800	2575	QPSK	8.9797	9.8665	PASS
B38	10	Low	37800	2575	16QAM	8.9520	9.9533	PASS
B38	10	Low	37800	2575	64QAM	9.0074	10.0981	PASS
B38	10	Low	37800	2575	256QAM	8.9591	9.6817	PASS
B38	10	Mid	38000	2595	QPSK	8.9622	9.8600	PASS
B38	10	Mid	38000	2595	16QAM	8.9600	9.8543	PASS
B38	10	Mid	38000	2595	64QAM	8.9596	9.9371	PASS
B38	10	Mid	38000	2595	256QAM	8.9757	9.6946	PASS
B38	10	High	38200	2615	QPSK	8.9734	10.1643	PASS
B38	10	High	38200	2615	16QAM	8.9799	9.7563	PASS
B38	10	High	38200	2615	64QAM	8.9655	9.7097	PASS
B38	10	High	38200	2615	256QAM	8.9623	9.6493	PASS
B38	15	Low	37825	2577.5	QPSK	13.421	14.370	PASS
B38	15	Low	37825	2577.5	16QAM	13.449	14.991	PASS
B38	15	Low	37825	2577.5	64QAM	13.460	14.613	PASS
B38	15	Low	37825	2577.5	256QAM	13.456	14.504	PASS
B38	15	Mid	38000	2595	QPSK	13.493	14.942	PASS
B38	15	Mid	38000	2595	16QAM	13.471	15.236	PASS
B38	15	Mid	38000	2595	64QAM	13.447	14.732	PASS
B38	15	Mid	38000	2595	256QAM	13.474	14.742	PASS
B38	15	High	38175	2612.5	QPSK	13.450	14.561	PASS
B38	15	High	38175	2612.5	16QAM	13.448	15.124	PASS
B38	15	High	38175	2612.5	64QAM	13.448	14.520	PASS



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B38	15	High	38175	2612.5	256QAM	13.414	14.377	PASS
B38	20	Low	37850	2580	QPSK	17.914	19.256	PASS
B38	20	Low	37850	2580	16QAM	17.908	19.614	PASS
B38	20	Low	37850	2580	64QAM	17.904	19.598	PASS
B38	20	Low	37850	2580	256QAM	17.897	19.324	PASS
B38	20	Mid	38000	2595	QPSK	17.923	19.280	PASS
B38	20	Mid	38000	2595	16QAM	17.890	19.860	PASS
B38	20	Mid	38000	2595	64QAM	17.922	19.830	PASS
B38	20	Mid	38000	2595	256QAM	17.896	19.464	PASS
B38	20	High	38150	2610	QPSK	17.927	19.153	PASS
B38	20	High	38150	2610	16QAM	17.898	19.691	PASS
B38	20	High	38150	2610	64QAM	17.904	19.486	PASS
B38	20	High	38150	2610	256QAM	17.891	19.606	PASS



LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B40-1	5	Low	38725	2307.5	QPSK	4.4974	5.1632	PASS
B40-1	5	Low	38725	2307.5	16QAM	4.4989	5.0652	PASS
B40-1	5	Low	38725	2307.5	64QAM	4.5057	4.9345	PASS
B40-1	5	Low	38725	2307.5	256QAM	4.4885	5.4983	PASS
B40-1	5	Mid	38750	2310	QPSK	4.4996	4.9651	PASS
B40-1	5	Mid	38750	2310	16QAM	4.4970	4.9026	PASS
B40-1	5	Mid	38750	2310	64QAM	4.5095	5.0343	PASS
B40-1	5	Mid	38750	2310	256QAM	4.4829	5.4088	PASS
B40-1	5	High	38775	2312.5	QPSK	4.4903	4.9704	PASS
B40-1	5	High	38775	2312.5	16QAM	4.4964	4.9076	PASS
B40-1	5	High	38775	2312.5	64QAM	4.5022	5.0208	PASS
B40-1	5	High	38775	2312.5	256QAM	4.4816	5.3877	PASS
B40-1	10	Mid	38750	2310	QPSK	8.9714	9.9803	PASS
B40-1	10	Mid	38750	2310	16QAM	8.9548	10.0084	PASS
B40-1	10	Mid	38750	2310	64QAM	8.9851	9.7560	PASS
B40-1	10	Mid	38750	2310	256QAM	8.9725	9.8920	PASS
B40-2	5	Low	39175	2352.5	QPSK	4.5075	4.9029	PASS
B40-2	5	Low	39175	2352.5	16QAM	4.4943	4.9229	PASS
B40-2	5	Low	39175	2352.5	64QAM	4.4965	4.9534	PASS
B40-2	5	Low	39175	2352.5	256QAM	4.4868	5.2475	PASS
B40-2	5	Mid	39200	2355	QPSK	4.4991	5.0335	PASS
B40-2	5	Mid	39200	2355	16QAM	4.4991	4.9258	PASS
B40-2	5	Mid	39200	2355	64QAM	4.5065	4.9554	PASS
B40-2	5	Mid	39200	2355	256QAM	4.4887	5.3876	PASS
B40-2	5	High	39225	2357.5	QPSK	4.4962	5.0521	PASS
B40-2	5	High	39225	2357.5	16QAM	4.4946	4.9277	PASS
B40-2	5	High	39225	2357.5	64QAM	4.5131	5.0117	PASS
B40-2	5	High	39225	2357.5	256QAM	4.4851	5.4601	PASS
B40-2	10	Mid	39200	2355	QPSK	8.9925	10.0128	PASS
B40-2	10	Mid	39200	2355	16QAM	8.9696	10.4912	PASS
B40-2	10	Mid	39200	2355	64QAM	8.9799	9.7464	PASS
B40-2	10	Mid	39200	2355	256QAM	8.9767	9.8375	PASS



LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	P/F
B41	5	Low	39675	2498.5	QPSK	4.5057	4.9182	PASS
B41	5	Low	39675	2498.5	16QAM	4.4854	4.8937	PASS
B41	5	Low	39675	2498.5	64QAM	4.4853	4.9167	PASS
B41	5	Low	39675	2498.5	256QAM	4.4863	5.1807	PASS
B41	5	Mid	40620	2593	QPSK	4.4904	4.9853	PASS
B41	5	Mid	40620	2593	16QAM	4.4916	4.8753	PASS
B41	5	Mid	40620	2593	64QAM	4.4904	4.9672	PASS
B41	5	Mid	40620	2593	256QAM	4.4808	5.0824	PASS
B41	5	High	41565	2687.5	QPSK	4.4919	5.0210	PASS
B41	5	High	41565	2687.5	16QAM	4.4936	4.8583	PASS
B41	5	High	41565	2687.5	64QAM	4.4931	4.8776	PASS
B41	5	High	41565	2687.5	256QAM	4.4855	5.1487	PASS
B41	10	Low	39700	2501	QPSK	8.9760	9.9696	PASS
B41	10	Low	39700	2501	16QAM	8.9724	9.9778	PASS
B41	10	Low	39700	2501	64QAM	8.9875	9.8554	PASS
B41	10	Low	39700	2501	256QAM	8.9673	9.6997	PASS
B41	10	Mid	40620	2593	QPSK	8.9899	10.0732	PASS
B41	10	Mid	40620	2593	16QAM	8.9694	9.9420	PASS
B41	10	Mid	40620	2593	64QAM	8.9882	9.7019	PASS
B41	10	Mid	40620	2593	256QAM	8.9772	9.6767	PASS
B41	10	High	41540	2685	QPSK	8.9721	10.1100	PASS
B41	10	High	41540	2685	16QAM	8.9482	9.9157	PASS
B41	10	High	41540	2685	64QAM	8.9834	9.7290	PASS
B41	10	High	41540	2685	256QAM	8.9552	9.8905	PASS
B41	15	Low	39725	2503.5	QPSK	13.467	14.814	PASS
B41	15	Low	39725	2503.5	16QAM	13.445	14.683	PASS
B41	15	Low	39725	2503.5	64QAM	13.459	14.501	PASS
B41	15	Low	39725	2503.5	256QAM	13.410	14.488	PASS
B41	15	Mid	40620	2593	QPSK	13.463	14.436	PASS
B41	15	Mid	40620	2593	16QAM	13.474	15.023	PASS
B41	15	Mid	40620	2593	64QAM	13.472	14.558	PASS
B41	15	Mid	40620	2593	256QAM	13.428	14.626	PASS
B41	15	High	41515	2682.5	QPSK	13.457	14.899	PASS
B41	15	High	41515	2682.5	16QAM	13.457	15.368	PASS
B41	15	High	41515	2682.5	64QAM	13.465	14.572	PASS



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B41	15	High	41515	2682.5	256QAM	13.435	14.480	PASS
B41	20	Low	39750	2506	QPSK	17.931	19.108	PASS
B41	20	Low	39750	2506	16QAM	17.884	19.657	PASS
B41	20	Low	39750	2506	64QAM	17.902	19.285	PASS
B41	20	Low	39750	2506	256QAM	17.893	19.200	PASS
B41	20	Mid	40620	2593	QPSK	17.933	19.224	PASS
B41	20	Mid	40620	2593	16QAM	17.893	19.743	PASS
B41	20	Mid	40620	2593	64QAM	17.916	19.866	PASS
B41	20	Mid	40620	2593	256QAM	17.917	19.355	PASS
B41	20	High	41490	2680	QPSK	17.926	19.250	PASS
B41	20	High	41490	2680	16QAM	17.878	19.744	PASS
B41	20	High	41490	2680	64QAM	17.908	19.312	PASS
B41	20	High	41490	2680	256QAM	17.912	19.372	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	1.0946	1.2364	PASS
B66	1.4	Low	131979	1710.7	16QAM	1.0976	1.2365	PASS
B66	1.4	Low	131979	1710.7	64QAM	1.0982	1.2518	PASS
B66	1.4	Low	131979	1710.7	256QAM	1.0852	1.2306	PASS
B66	1.4	Mid	132322	1745	QPSK	1.0922	1.2452	PASS
B66	1.4	Mid	132322	1745	16QAM	1.1000	1.2333	PASS
B66	1.4	Mid	132322	1745	64QAM	1.0982	1.2541	PASS
B66	1.4	Mid	132322	1745	256QAM	1.0880	1.2330	PASS
B66	1.4	High	132665	1779.3	QPSK	1.0960	1.2320	PASS
B66	1.4	High	132665	1779.3	16QAM	1.0968	1.2358	PASS
B66	1.4	High	132665	1779.3	64QAM	1.0978	1.2382	PASS
B66	1.4	High	132665	1779.3	256QAM	1.0910	1.2295	PASS
B66	3	Low	131987	1711.5	QPSK	2.7028	3.0210	PASS
B66	3	Low	131987	1711.5	16QAM	2.7166	3.0027	PASS
B66	3	Low	131987	1711.5	64QAM	2.6995	2.9793	PASS
B66	3	Low	131987	1711.5	256QAM	2.7012	3.0297	PASS
B66	3	Mid	132322	1745	QPSK	2.7011	2.9909	PASS
B66	3	Mid	132322	1745	16QAM	2.7201	3.0319	PASS
B66	3	Mid	132322	1745	64QAM	2.7046	3.0241	PASS
B66	3	Mid	132322	1745	256QAM	2.7104	3.0224	PASS
B66	3	High	132657	1778.5	QPSK	2.7009	2.9930	PASS
B66	3	High	132657	1778.5	16QAM	2.7159	3.0192	PASS
B66	3	High	132657	1778.5	64QAM	2.7071	2.9777	PASS
B66	3	High	132657	1778.5	256QAM	2.7147	3.0101	PASS
B66	5	Low	131997	1712.5	QPSK	4.4920	4.9201	PASS
B66	5	Low	131997	1712.5	16QAM	4.4859	4.9113	PASS
B66	5	Low	131997	1712.5	64QAM	4.4969	4.9276	PASS
B66	5	Low	131997	1712.5	256QAM	4.4830	4.9363	PASS
B66	5	Mid	132322	1745	QPSK	4.4915	4.9292	PASS
B66	5	Mid	132322	1745	16QAM	4.4865	4.9007	PASS
B66	5	Mid	132322	1745	64QAM	4.5087	4.9119	PASS
B66	5	Mid	132322	1745	256QAM	4.4932	4.9226	PASS
B66	5	High	132647	1777.5	QPSK	4.4887	4.9588	PASS
B66	5	High	132647	1777.5	16QAM	4.4884	4.8981	PASS
B66	5	High	132647	1777.5	64QAM	4.4954	4.9300	PASS



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B66	5	High	132647	1777.5	256QAM	4.4935	4.9292	PASS
B66	10	Low	132022	1715	QPSK	8.9918	9.7465	PASS
B66	10	Low	132022	1715	16QAM	8.9595	9.8125	PASS
B66	10	Low	132022	1715	64QAM	8.9829	9.7792	PASS
B66	10	Low	132022	1715	256QAM	8.9863	9.7788	PASS
B66	10	Mid	132322	1745	QPSK	8.9942	9.7277	PASS
B66	10	Mid	132322	1745	16QAM	8.9552	9.7171	PASS
B66	10	Mid	132322	1745	64QAM	8.9927	9.7295	PASS
B66	10	Mid	132322	1745	256QAM	8.9721	9.7912	PASS
B66	10	High	132622	1775	QPSK	8.9920	9.7211	PASS
B66	10	High	132622	1775	16QAM	8.9477	9.7665	PASS
B66	10	High	132622	1775	64QAM	8.9949	9.7669	PASS
B66	10	High	132622	1775	256QAM	8.9733	9.7598	PASS
B66	15	Low	132047	1717.5	QPSK	13.457	14.597	PASS
B66	15	Low	132047	1717.5	16QAM	13.454	14.511	PASS
B66	15	Low	132047	1717.5	64QAM	13.476	14.719	PASS
B66	15	Low	132047	1717.5	256QAM	13.480	14.485	PASS
B66	15	Mid	132322	1745	QPSK	13.446	14.561	PASS
B66	15	Mid	132322	1745	16QAM	13.461	14.522	PASS
B66	15	Mid	132322	1745	64QAM	13.466	14.615	PASS
B66	15	Mid	132322	1745	256QAM	13.442	14.607	PASS
B66	15	High	132597	1772.5	QPSK	13.440	14.527	PASS
B66	15	High	132597	1772.5	16QAM	13.457	14.420	PASS
B66	15	High	132597	1772.5	64QAM	13.451	14.498	PASS
B66	15	High	132597	1772.5	256QAM	13.442	14.527	PASS
B66	20	Low	132072	1720	QPSK	17.940	19.327	PASS
B66	20	Low	132072	1720	16QAM	17.912	19.223	PASS
B66	20	Low	132072	1720	64QAM	17.954	19.356	PASS
B66	20	Low	132072	1720	256QAM	17.942	19.276	PASS
B66	20	Mid	132322	1745	QPSK	17.948	19.269	PASS
B66	20	Mid	132322	1745	16QAM	17.916	19.211	PASS
B66	20	Mid	132322	1745	64QAM	17.941	19.289	PASS
B66	20	Mid	132322	1745	256QAM	17.946	19.434	PASS
B66	20	High	132572	1770	QPSK	17.915	19.226	PASS
B66	20	High	132572	1770	16QAM	17.869	19.129	PASS
B66	20	High	132572	1770	64QAM	17.881	19.288	PASS
B66	20	High	132572	1770	256QAM	17.873	19.253	PASS
B71	5	Low	133147	665.5	QPSK	4.4871	4.9468	PASS



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B71	5	Low	133147	665.5	16QAM	4.4844	4.8985	PASS
B71	5	Low	133147	665.5	64QAM	4.4942	4.9302	PASS
B71	5	Low	133147	665.5	256QAM	4.4900	4.8966	PASS
B71	5	Mid	133297	680.5	QPSK	4.4866	4.9033	PASS
B71	5	Mid	133297	680.5	16QAM	4.4747	4.9119	PASS
B71	5	Mid	133297	680.5	64QAM	4.4943	4.9323	PASS
B71	5	Mid	133297	680.5	256QAM	4.4863	4.8814	PASS
B71	5	High	133447	695.5	QPSK	4.4851	4.9394	PASS
B71	5	High	133447	695.5	16QAM	4.4789	4.8784	PASS
B71	5	High	133447	695.5	64QAM	4.4950	4.9295	PASS
B71	5	High	133447	695.5	256QAM	4.4814	4.8536	PASS
B71	10	Low	133172	668	QPSK	8.9533	9.6874	PASS
B71	10	Low	133172	668	16QAM	8.9285	9.7672	PASS
B71	10	Low	133172	668	64QAM	8.9831	9.7690	PASS
B71	10	Low	133172	668	256QAM	8.9611	9.7318	PASS
B71	10	Mid	133297	680.5	QPSK	8.9327	9.7346	PASS
B71	10	Mid	133297	680.5	16QAM	8.9333	9.7219	PASS
B71	10	Mid	133297	680.5	64QAM	8.9787	9.7159	PASS
B71	10	Mid	133297	680.5	256QAM	8.9410	9.6974	PASS
B71	10	High	133422	693	QPSK	8.9683	9.7395	PASS
B71	10	High	133422	693	16QAM	8.9319	9.7258	PASS
B71	10	High	133422	693	64QAM	8.9420	9.7135	PASS
B71	10	High	133422	693	256QAM	8.9556	9.6517	PASS
B71	15	Low	133197	670.5	QPSK	13.411	14.518	PASS
B71	15	Low	133197	670.5	16QAM	13.402	14.499	PASS
B71	15	Low	133197	670.5	64QAM	13.410	14.584	PASS
B71	15	Low	133197	670.5	256QAM	13.386	14.475	PASS
B71	15	Mid	133297	680.5	QPSK	13.429	14.538	PASS
B71	15	Mid	133297	680.5	16QAM	13.404	14.466	PASS
B71	15	Mid	133297	680.5	64QAM	13.422	14.535	PASS
B71	15	Mid	133297	680.5	256QAM	13.403	14.399	PASS
B71	15	High	133397	690.5	QPSK	13.455	14.460	PASS
B71	15	High	133397	690.5	16QAM	13.415	14.496	PASS
B71	15	High	133397	690.5	64QAM	13.447	14.646	PASS
B71	15	High	133397	690.5	256QAM	13.453	14.520	PASS
B71	20	Low	133222	673	QPSK	17.816	19.168	PASS
B71	20	Low	133222	673	16QAM	17.812	19.066	PASS
B71	20	Low	133222	673	64QAM	17.815	19.238	PASS



REPORT No.: SZ24100003W08

B71	20	Low	133222	673	256QAM	17.808	19.153	PASS
B71	20	Mid	133322	683	QPSK	17.874	19.121	PASS
B71	20	Mid	133322	683	16QAM	17.815	19.111	PASS
B71	20	Mid	133322	683	64QAM	17.867	19.223	PASS
B71	20	Mid	133322	683	256QAM	17.847	19.271	PASS
B71	20	High	133372	688	QPSK	17.876	19.254	PASS
B71	20	High	133372	688	16QAM	17.885	19.149	PASS
B71	20	High	133372	688	64QAM	17.869	19.264	PASS
B71	20	High	133372	688	256QAM	17.873	19.176	PASS



B2 / 1.4MHz / QPSK/ Low CH



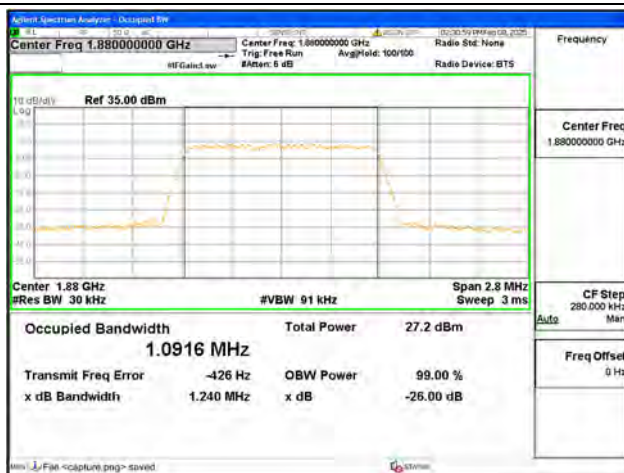
B2 / 1.4MHz / 16QAM/ Low CH



B2 / 1.4MHz / 64QAM/ Low CH



B2 / 1.4MHz / 256QAM/ Low CH



B2 / 1.4MHz / QPSK/ Mid CH



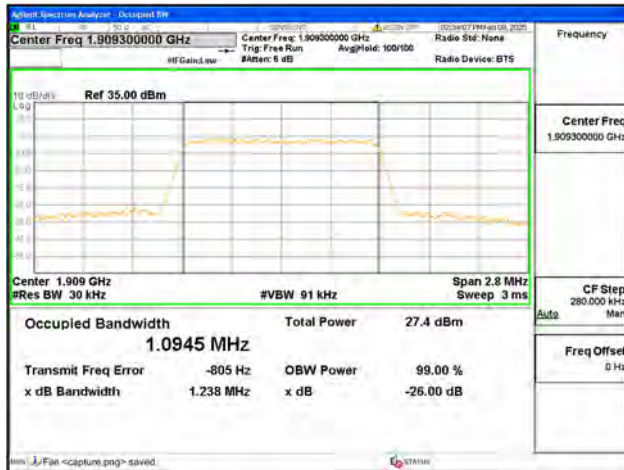
B2 / 1.4MHz / 16QAM/ Mid CH



B2 / 1.4MHz / 64QAM/ Mid CH



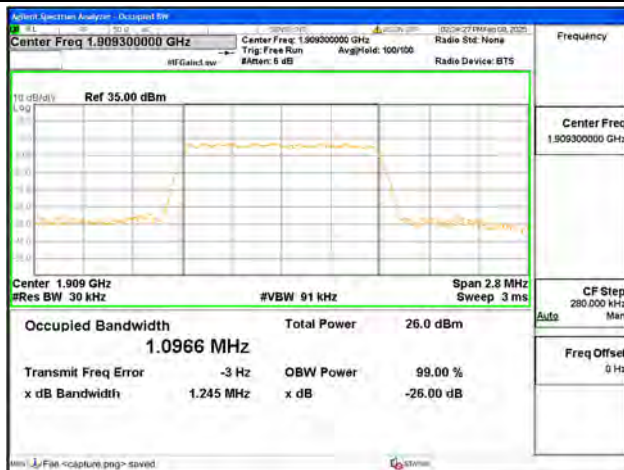
B2 / 1.4MHz / 256QAM/ Mid CH



B2 / 1.4MHz / QPSK/ High CH



B2 / 1.4MHz / 16QAM/ High CH



B2 / 1.4MHz / 64QAM/ High CH



B2 / 1.4MHz / 256QAM/ High CH



B2 / 3MHz / QPSK/ Low CH



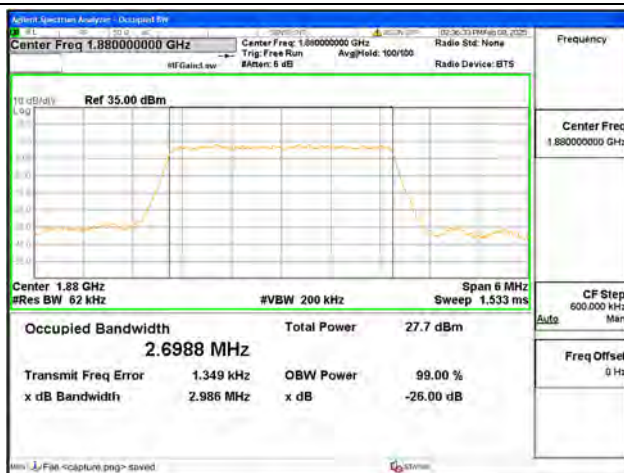
B2 / 3MHz / 16QAM/ Low CH



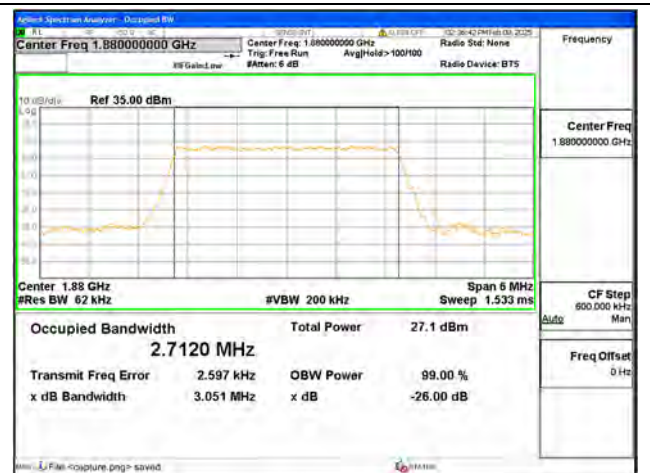
B2 / 3MHz / 64QAM/ Low CH



B2 / 3MHz / 256QAM/ Low CH



B2 / 3MHz / QPSK/ Mid CH



B2 / 3MHz / 16QAM/ Mid CH



B2 / 3MHz / 64QAM/ Mid CH



B2 / 3MHz / 256QAM/ Mid CH



B2 / 3MHz / QPSK/ High CH



B2 / 3MHz / 16QAM/ High CH



B2 / 3MHz / 64QAM/ High CH



B2 / 3MHz / 256QAM/ High CH



B2 / 5MHz / QPSK/ Low CH



B2 / 5MHz / 16QAM/ Low CH



B2 / 5MHz / 64QAM/ Low CH



B2 / 5MHz / 256QAM/ Low CH



B2 / 5MHz / QPSK/ Mid CH



B2 / 5MHz / 16QAM/ Mid CH



B2 / 5MHz / 64QAM/ Mid CH



B2 / 5MHz / 256QAM/ Mid CH



B2 / 5MHz / QPSK/ High CH



B2 / 5MHz / 16QAM/ High CH



B2 / 5MHz / 64QAM/ High CH



B2 / 5MHz / 256QAM/ High CH



B2 / 10MHz / QPSK/ Low CH



B2 / 10MHz / 16QAM/ Low CH



B2 / 10MHz / 64QAM/ Low CH



B2 / 10MHz / 256QAM/ Low CH



B2 / 10MHz / QPSK/ Mid CH



B2 / 10MHz / 16QAM/ Mid CH



B2 / 10MHz / 64QAM/ Mid CH



B2 / 10MHz / 256QAM/ Mid CH



B2 / 10MHz / QPSK/ High CH



B2 / 10MHz / 16QAM/ High CH



B2 / 10MHz / 64QAM/ High CH



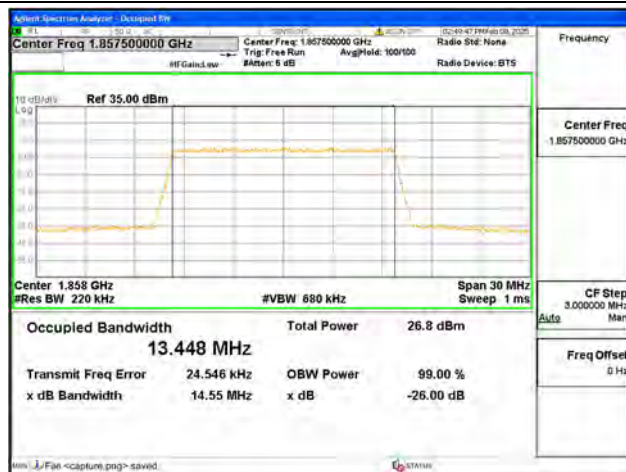
B2 / 10MHz / 256QAM/ High CH



B2 / 15MHz / QPSK/ Low CH



B2 / 15MHz / 16QAM/ Low CH



B2 / 15MHz / 64QAM/ Low CH



B2 / 15MHz / 256QAM/ Low CH



B2 / 15MHz / QPSK/ Mid CH



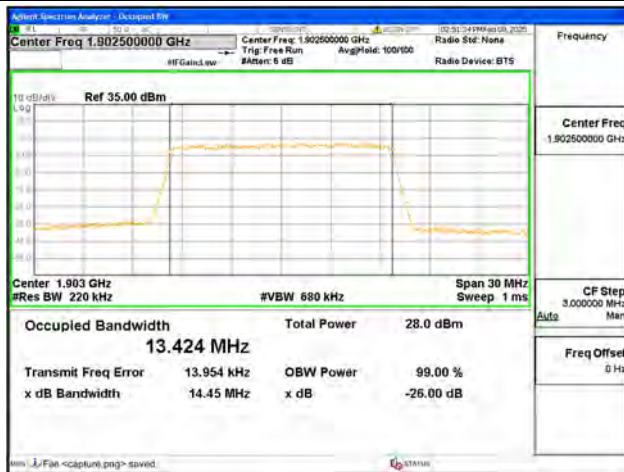
B2 / 15MHz / 16QAM/ Mid CH



B2 / 15MHz / 64QAM/ Mid CH



B2 / 15MHz / 256QAM/ Mid CH



B2 / 15MHz / QPSK/ High CH



B2 / 15MHz / 16QAM/ High CH



B2 / 15MHz / 64QAM/ High CH



B2 / 15MHz / 256QAM/ High CH



B2 / 20MHz / QPSK/ Low CH



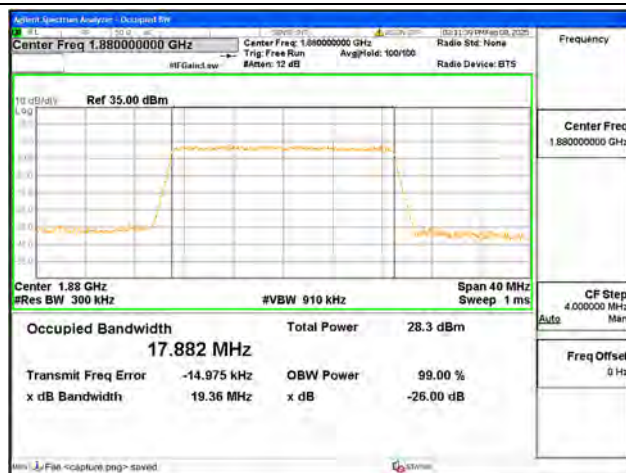
B2 / 20MHz / 16QAM/ Low CH



B2 / 20MHz / 64QAM/ Low CH



B2 / 20MHz / 256QAM/ Low CH



B2 / 20MHz / QPSK/ Mid CH



B2 / 20MHz / 16QAM/ Mid CH



B2 / 20MHz / 64QAM/ Mid CH



B2 / 20MHz / 256QAM/ Mid CH



B2 / 20MHz / QPSK/ High CH



B2 / 20MHz / 16QAM/ High CH



B2 / 20MHz / 64QAM/ High CH



B2 / 20MHz / 256QAM/ High CH



B4 / 1.4MHz / QPSK/ Low CH



B4 / 1.4MHz / 16QAM/ Low CH



B4 / 1.4MHz / 64QAM/ Low CH



B4 / 1.4MHz / 256QAM/ Low CH



B4 / 1.4MHz / QPSK/ Mid CH



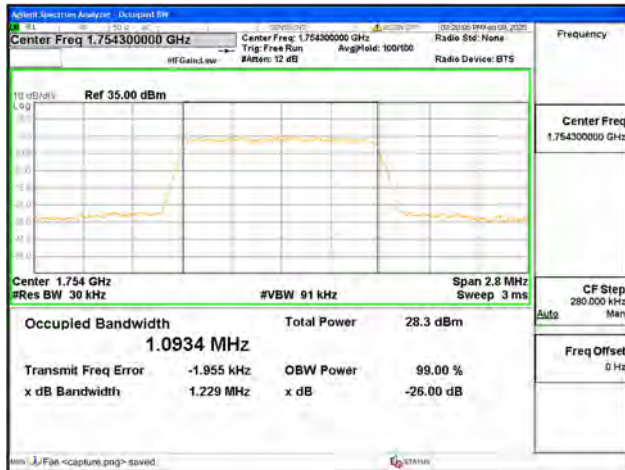
B4 / 1.4MHz / 16QAM/ Mid CH



B4 / 1.4MHz / 64QAM/ Mid CH



B4 / 1.4MHz / 256QAM/ Mid CH



B4 / 1.4MHz / QPSK/ High CH



B4 / 1.4MHz / 16QAM/ High CH



B4 / 1.4MHz / 64QAM/ High CH



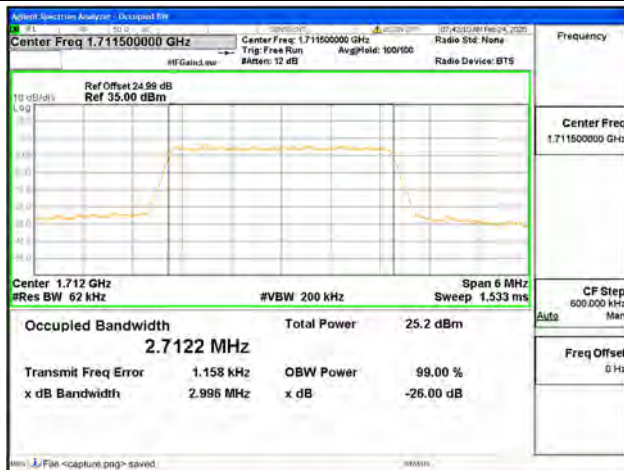
B4 / 1.4MHz / 256QAM/ High CH



B4 / 3MHz / QPSK/ Low CH



B4 / 3MHz / 16QAM/ Low CH



B4 / 3MHz / 64QAM/ Low CH



B4 / 3MHz / 256QAM/ Low CH



B4 / 3MHz / QPSK/ Mid CH



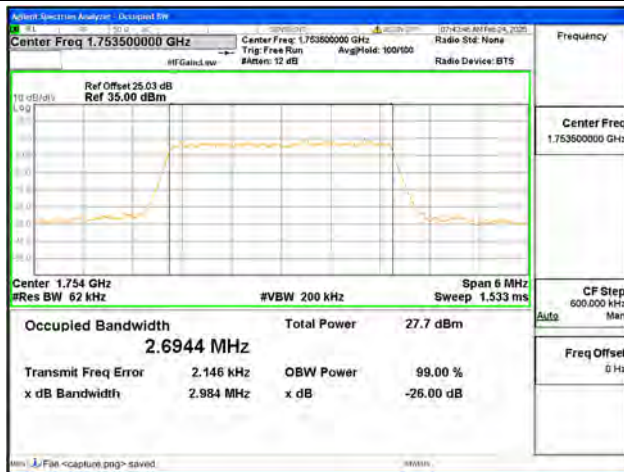
B4 / 3MHz / 16QAM/ Mid CH



B4 / 3MHz / 64QAM/ Mid CH



B4 / 3MHz / 256QAM/ Mid CH



B4 / 3MHz / QPSK/ High CH



B4 / 3MHz / 16QAM/ High CH



B4 / 3MHz / 64QAM/ High CH



B4 / 3MHz / 256QAM/ High CH



B4 / 5MHz / QPSK/ Low CH



B4 / 5MHz / 16QAM/ Low CH



B4 / 5MHz / 64QAM/ Low CH



B4 / 5MHz / 256QAM/ Low CH



B4 / 5MHz / QPSK/ Mid CH



B4 / 5MHz / 16QAM/ Mid CH



B4 / 5MHz / 64QAM/ Mid CH



B4 / 5MHz / 256QAM/ Mid CH



B4 / 5MHz / QPSK/ High CH



B4 / 5MHz / 16QAM/ High CH



B4 / 5MHz / 64QAM/ High CH



B4 / 5MHz / 256QAM/ High CH



B4 / 10MHz / QPSK/ Low CH



B4 / 10MHz / 16QAM/ Low CH



B4 / 10MHz / 64QAM/ Low CH



B4 / 10MHz / 256QAM/ Low CH



B4 / 10MHz / QPSK/ Mid CH



B4 / 10MHz / 16QAM/ Mid CH



B4 / 10MHz / 64QAM/ Mid CH



B4 / 10MHz / 256QAM/ Mid CH



B4 / 10MHz / QPSK/ High CH



B4 / 10MHz / 16QAM/ High CH



B4 / 10MHz / 64QAM/ High CH



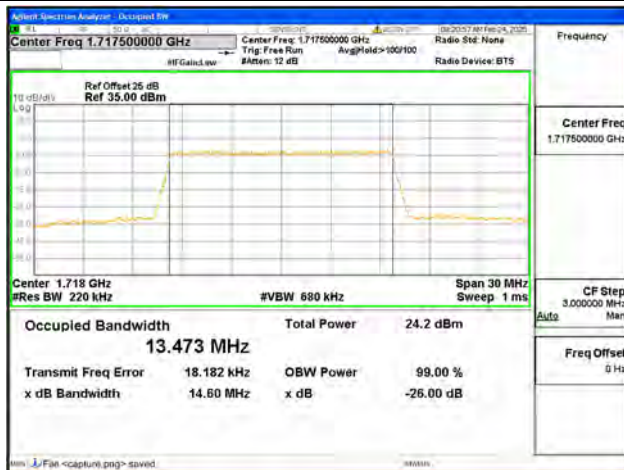
B4 / 10MHz / 256QAM/ High CH



B4 / 15MHz / QPSK/ Low CH



B4 / 15MHz / 16QAM/ Low CH



B4 / 15MHz / 64QAM/ Low CH



B4 / 15MHz / 256QAM/ Low CH



B4 / 15MHz / QPSK/ Mid CH



B4 / 15MHz / 16QAM/ Mid CH



B4 / 15MHz / 64QAM/ Mid CH



B4 / 15MHz / 256QAM/ Mid CH



B4 / 15MHz / QPSK/ High CH



B4 / 15MHz / 16QAM/ High CH



B4 / 15MHz / 64QAM/ High CH



B4 / 15MHz / 256QAM/ High CH



B4 / 20MHz / QPSK/ Low CH



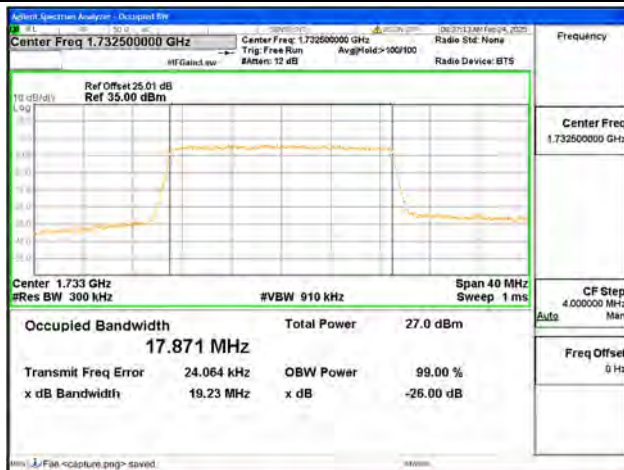
B4 / 20MHz / 16QAM/ Low CH



B4 / 20MHz / 64QAM/ Low CH



B4 / 20MHz / 256QAM/ Low CH



B4 / 20MHz / QPSK/ Mid CH



B4 / 20MHz / 16QAM/ Mid CH



B4 / 20MHz / 64QAM/ Mid CH



B4 / 20MHz / 256QAM/ Mid CH



B4 / 20MHz / QPSK/ High CH



B4 / 20MHz / 16QAM/ High CH



B4 / 20MHz / 64QAM/ High CH



B4 / 20MHz / 256QAM/ High CH





B5 / 1.4MHz / 64QAM/ Mid CH



B5 / 1.4MHz / 256QAM/ Mid CH



B5 / 1.4MHz / QPSK/ High CH



B5 / 1.4MHz / 16QAM/ High CH



B5 / 1.4MHz / 64QAM/ High CH



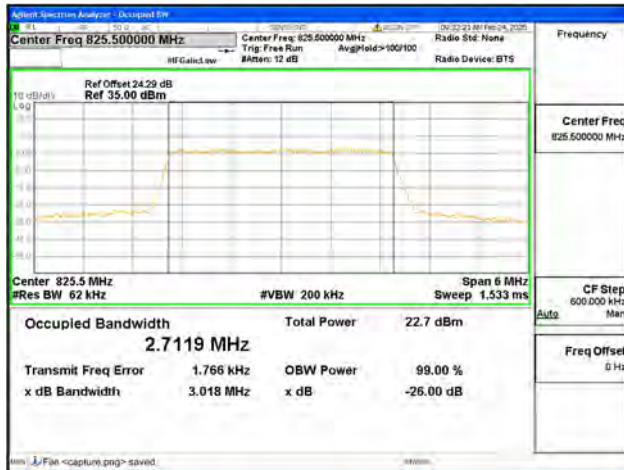
B5 / 1.4MHz / 256QAM/ High CH



B5 / 3MHz / QPSK/ Low CH



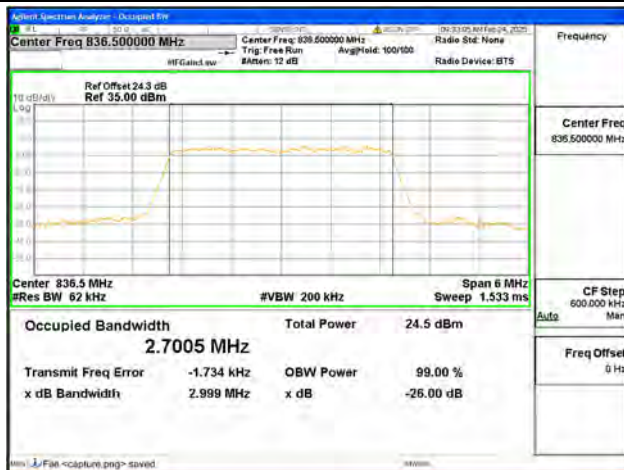
B5 / 3MHz / 16QAM/ Low CH



B5 / 3MHz / 64QAM/ Low CH



B5 / 3MHz / 256QAM/ Low CH



B5 / 3MHz / QPSK/ Mid CH



B5 / 3MHz / 16QAM/ Mid CH



B5 / 3MHz / 64QAM/ Mid CH



B5 / 3MHz / 256QAM/ Mid CH



B5 / 3MHz / QPSK/ High CH



B5 / 3MHz / 16QAM/ High CH



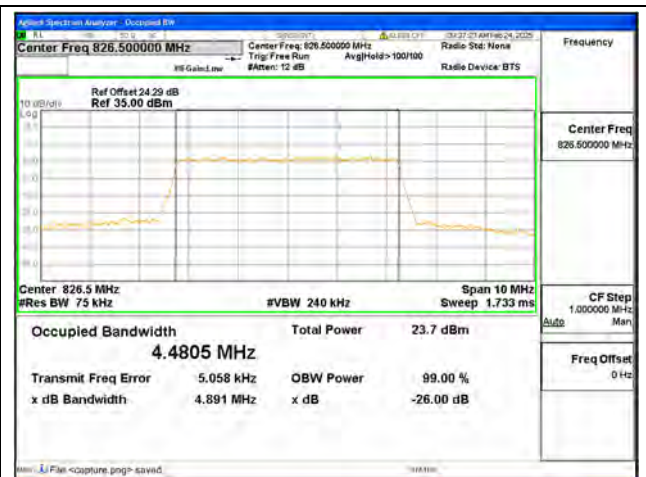
B5 / 3MHz / 64QAM/ High CH



B5 / 3MHz / 256QAM/ High CH



B5 / 5MHz / QPSK/ Low CH



B5 / 5MHz / 16QAM/ Low CH



B5 / 5MHz / 64QAM/ Low CH



B5 / 5MHz / 256QAM/ Low CH



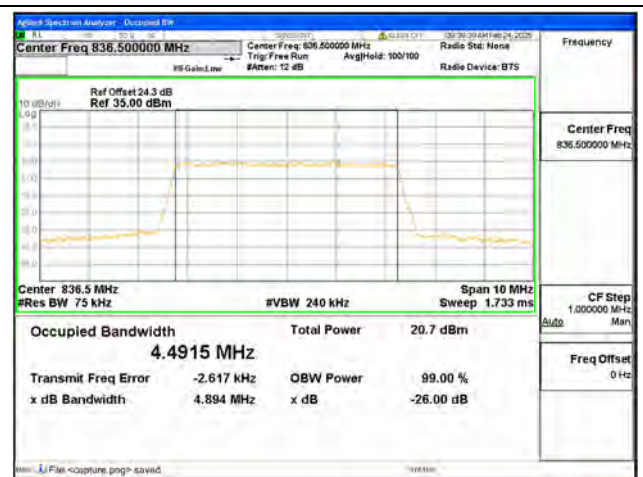
B5 / 5MHz / QPSK/ Mid CH



B5 / 5MHz / 16QAM/ Mid CH



B5 / 5MHz / 64QAM/ Mid CH



B5 / 5MHz / 256QAM/ Mid CH



B5 / 5MHz / QPSK/ High CH



B5 / 5MHz / 16QAM/ High CH



B5 / 5MHz / 64QAM/ High CH



B5 / 5MHz / 256QAM/ High CH



B5 / 10MHz / QPSK/ Low CH



B5 / 10MHz / 16QAM/ Low CH



B5 / 10MHz / 64QAM/ Low CH



B5 / 10MHz / 256QAM/ Low CH



B5 / 10MHz / QPSK/ Mid CH



B5 / 10MHz / 16QAM/ Mid CH



B5 / 10MHz / 64QAM/ Mid CH



B5 / 10MHz / 256QAM/ Mid CH



B5 / 10MHz / QPSK/ High CH



B5 / 10MHz / 16QAM/ High CH



B5 / 10MHz / 64QAM/ High CH



B5 / 10MHz / 256QAM/ High CH



B7 / 5MHz / QPSK/ Low CH



B7 / 5MHz / 16QAM/ Low CH



B7 / 5MHz / 64QAM/ Low CH



B7 / 5MHz / 256QAM/ Low CH



B7 / 5MHz / QPSK/ Mid CH



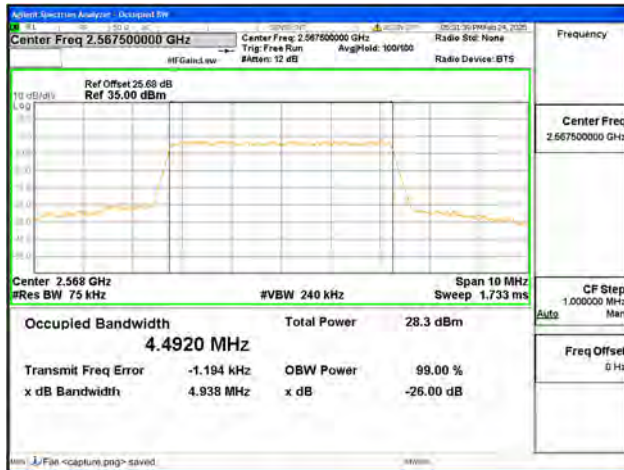
B7 / 5MHz / 16QAM/ Mid CH



B7 / 5MHz / 64QAM/ Mid CH



B7 / 5MHz / 256QAM/ Mid CH



B7 / 5MHz / QPSK/ High CH



B7 / 5MHz / 16QAM/ High CH



B7 / 5MHz / 64QAM/ High CH



B7 / 5MHz / 256QAM/ High CH



B7 / 10MHz / QPSK/ Low CH



B7 / 10MHz / 16QAM/ Low CH



B7 / 10MHz / 64QAM/ Low CH



B7 / 10MHz / 256QAM/ Low CH



B7 / 10MHz / QPSK/ Mid CH



B7 / 10MHz / 16QAM/ Mid CH



B7 / 10MHz / 64QAM/ Mid CH



B7 / 10MHz / 256QAM/ Mid CH



B7 / 10MHz / QPSK/ High CH



B7 / 10MHz / 16QAM/ High CH



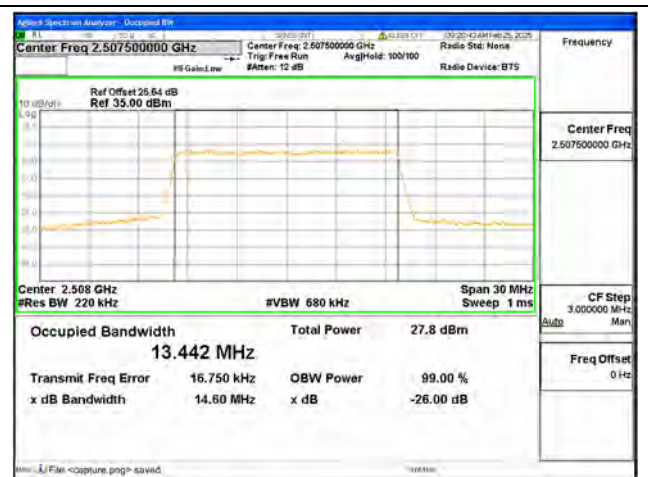
B7 / 10MHz / 64QAM/ High CH



B7 / 10MHz / 256QAM/ High CH



B7 / 15MHz / QPSK/ Low CH



B7 / 15MHz / 16QAM/ Low CH



B7 / 15MHz / 64QAM/ Low CH



B7 / 15MHz / 256QAM/ Low CH



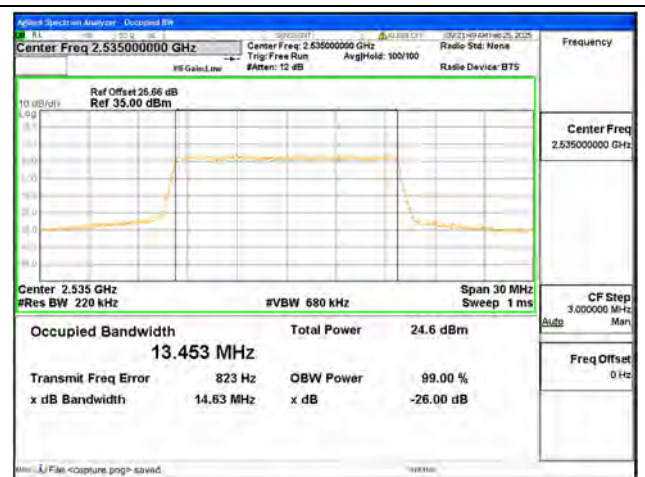
B7 / 15MHz / QPSK/ Mid CH



B7 / 15MHz / 16QAM/ Mid CH



B7 / 15MHz / 64QAM/ Mid CH



B7 / 15MHz / 256QAM/ Mid CH



B7 / 15MHz / QPSK/ High CH



B7 / 15MHz / 16QAM/ High CH



B7 / 15MHz / 64QAM/ High CH



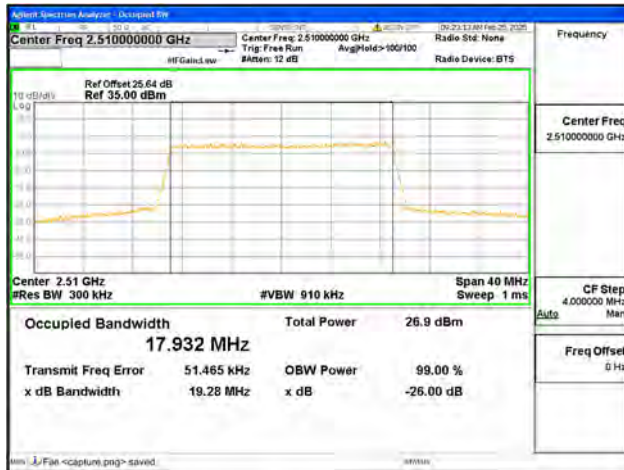
B7 / 15MHz / 256QAM/ High CH



B7 / 20MHz / QPSK/ Low CH



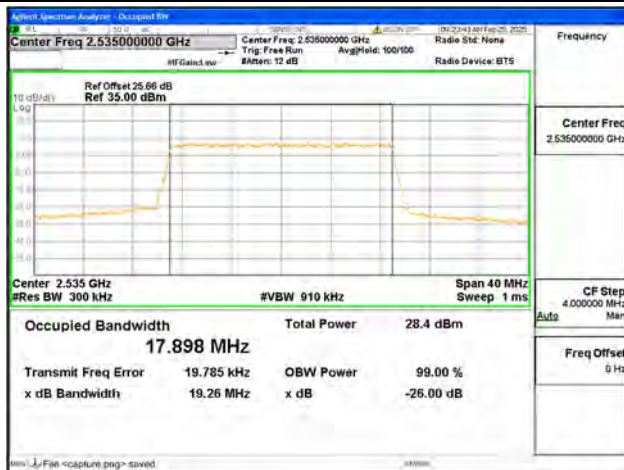
B7 / 20MHz / 16QAM/ Low CH



B7 / 20MHz / 64QAM/ Low CH



B7 / 20MHz / 256QAM/ Low CH



B7 / 20MHz / QPSK/ Mid CH



B7 / 20MHz / 16QAM/ Mid CH



B7 / 20MHz / 64QAM/ Mid CH



B7 / 20MHz / 256QAM/ Mid CH



B7 / 20MHz / QPSK/ High CH



B7 / 20MHz / 16QAM/ High CH



B7 / 20MHz / 64QAM/ High CH



B7 / 20MHz / 256QAM/ High CH



B12 / 1.4MHz / QPSK/ Low CH



B12 / 1.4MHz / 16QAM/ Low CH



B12 / 1.4MHz / 64QAM/ Low CH



B12 / 1.4MHz / 256QAM/ Low CH



B12 / 1.4MHz / QPSK/ Mid CH



B12 / 1.4MHz / 16QAM/ Mid CH



B12 / 1.4MHz / 64QAM/ Mid CH



B12 / 1.4MHz / 256QAM/ Mid CH



B12 / 1.4MHz / QPSK/ High CH



B12 / 1.4MHz / 16QAM/ High CH



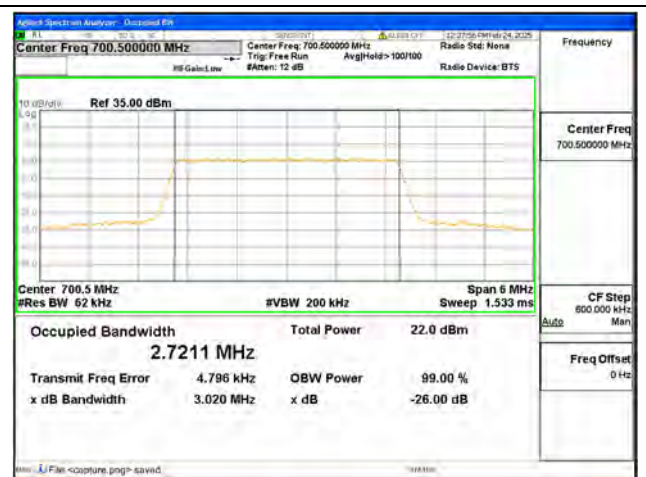
B12 / 1.4MHz / 64QAM/ High CH



B12 / 1.4MHz / 256QAM/ High CH



B12 / 3MHz / QPSK/ Low CH



B12 / 3MHz / 16QAM/ Low CH



B12 / 3MHz / 64QAM/ Low CH



B12 / 3MHz / 256QAM/ Low CH



B12 / 3MHz / QPSK/ Mid CH



B12 / 3MHz / 16QAM/ Mid CH



B12 / 3MHz / 64QAM/ Mid CH



B12 / 3MHz / 256QAM/ Mid CH



B12 / 3MHz / QPSK/ High CH



B12 / 3MHz / 16QAM/ High CH



B12 / 3MHz / 64QAM/ High CH



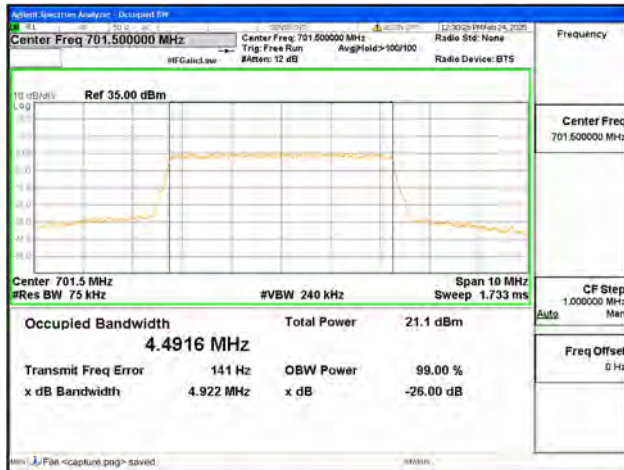
B12 / 3MHz / 256QAM/ High CH



B12 / 5MHz / QPSK/ Low CH



B12 / 5MHz / 16QAM/ Low CH



B12 / 5MHz / 64QAM/ Low CH



B12 / 5MHz / 256QAM/ Low CH



B12 / 5MHz / QPSK/ Mid CH



B12 / 5MHz / 16QAM/ Mid CH



B12 / 5MHz / 64QAM/ Mid CH



B12 / 5MHz / 256QAM/ Mid CH



B12 / 5MHz / QPSK/ High CH



B12 / 5MHz / 16QAM/ High CH



B12 / 5MHz / 64QAM/ High CH



B12 / 5MHz / 256QAM/ High CH



B12 / 10MHz / QPSK/ Low CH



B12 / 10MHz / 16QAM/ Low CH



B12 / 10MHz / 64QAM/ Low CH



B12 / 10MHz / 256QAM/ Low CH



B12 / 10MHz / QPSK/ Mid CH



B12 / 10MHz / 16QAM/ Mid CH



B12 / 10MHz / 64QAM/ Mid CH



B12 / 10MHz / 256QAM/ Mid CH



B12 / 10MHz / QPSK/ High CH



B12 / 10MHz / 16QAM/ High CH



B12 / 10MHz / 64QAM/ High CH



B12 / 10MHz / 256QAM/ High CH