



# TEST REPORT

**APPLICANT** : Rhino Mobility LLC

**PRODUCT NAME** : Tablet

**MODEL NAME** : C6D

**BRAND NAME** : RHINO

**FCC ID** : 2AUOUC6D

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

**RECEIPT DATE** : 2023-04-20

**TEST DATE** : 2023-04-24 to 2023-05-22

**ISSUE DATE** : 2023-09-27



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Change History		
Version	Date	Reason for change
1.0	2023-09-27	First edition



# 1. Technical Information

Note: Provide by applicant.

## 1.1. Applicant and Manufacturer Information

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

## 1.2. Equipment Under Test (EUT) Description

<b>Product Name:</b>	Tablet	
<b>Sample No.:</b>	28#	
<b>Hardware Version:</b>	Q6010_MB_V1.0	
<b>Software Version:</b>	C6D(001)_20230904	
<b>Modulation Type:</b>	QPSK, 16QAM, 64QAM	
<b>Operation Band:</b>	Band 2 / 4 / 5 / 7 / 12 / 13 / 17 / 18 / 19 / 25 / 26 / 30 / 41 / 66 / 71 Band 29 only support receiver	
<b>Carrier Aggregation:</b>	CA_7C, CA_41	
<b>Frequency Range:</b>	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



<b>Frequency Range:</b>	LTE Band 18	Tx: 824MHz–830MHz
		Rx: 869MHz–875MHz
	LTE Band 19	Tx: 830MHz–845MHz
		Rx: 875MHz–890MHz
	LTE Band 25	Tx:1850MHz–1915MHz
		Rx:1930MHz–1995MHz
	LTE Band 26	Tx: 824MHz–849MHz
		Rx: 869MHz–894MHz
	LTE Band 29	Rx: 717MHz–728MHz
	LTE Band 30	Tx: 2305MHz–2315MHz
Rx: 2350MHz–2360MHz		
LTE Band 41	Tx: 2496MHz–2690MHz	
	Rx: 2496MHz–2690MHz	
LTE Band 66	Tx: 1710MHz –1780MHz	
	Rx: 2110MHz–2200MHz	
LTE Band 71	Tx: 663MHz–698MHz	
	Rx: 617MHz–652MHz	
<b>Channel Bandwidth:</b>	LTE Band 2	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
	LTE Band 4	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
	LTE Band 5	1.4MHz, 3MHz, 5MHz, 10MHz
	LTE Band 7	5 MHz, 10MHz, 15MHz, 20MHz
	LTE Band 12	1.4MHz, 3 MHz, 5 MHz, 10MHz
	LTE Band 13	5 MHz, 10MHz
	LTE Band 17	5 MHz, 10MHz
	LTE Band 18	5 MHz
	LTE Band 19	5 MHz, 10MHz, 15MHz
	LTE Band 25	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
	LTE Band 26	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz
	LTE Band 30	5 MHz, 10MHz
	LTE Band 41	5 MHz, 10MHz, 15MHz, 20MHz
	LTE Band 66	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
	LTE Band 71	5MHz, 10MHz, 15MHz, 20MHz
<b>Antenna Type:</b>	PIFA Antenna	
<b>Antenna Gain:</b>	LTE Band 2	-0.04dBi
	LTE Band 4	-1.33dBi
	LTE Band 5	-1.13dBi
	LTE Band 7	1.16dBi



<b>Antenna Gain:</b>	LTE Band 12	-1.47dBi
	LTE Band 13	-1.47dBi
	LTE Band 17	-1.47dBi
	LTE Band 18	-1.80dBi
	LTE Band 19	-1.13dBi
	LTE Band 25	-0.04dBi
	LTE Band 26	-1.13dBi
	LTE Band 30	-0.74dBi
	LTE Band 41	1.54dBi
	LTE Band 66	-1.17dBi
	LTE Band 71	-2.92dBi
<b>Accessory Information:</b>	Battery	
	Brand Name:	N/A
	Model No.:	BPC6
	Serial No.:	N/A
	Capacity:	3950mAh
	Rated Voltage:	3.87V
	Charge Limit:	4.45V
	Manufacturer:	Phenix New Energy (Huizhou) Co., Ltd.
	AC Adapter	
	Brand Name:	RHINO
	Model No.:	TPA-10S120150UU01
	Serial No.:	N/A
	Rated Output:	3.6V-6.0V=3.0A; 6.0V-9.0V=2.0A; 9.0V-12.0V=1.5A;
	Rated Input:	100-240V~50/60Hz, 0.6A
	Manufacturer:	Shenzhen Tianyin Electronics Co., Ltd.
	USB Cable 1	
	Model No.:	188.123022001-09
	Manufacturer:	YibinRuirun Electronics Co., Ltd.
	USB Cable 2	
	Model No.:	188.123022002-09
	Manufacturer:	YibinRuirun Electronics Co., Ltd.
USB Cable 3		
Model No.:	USB TYPE A TO C 2.0 Cable 2.0m	
Manufacturer:	HUIZHOU WASHIN ELECTRONICTS CO.,LTD.	



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

**Note1:**This is a variant report of original report (Report No.: SZ23020326W03, FCC ID: 2AUOUC6).Based on the similarity between before, only changed product name, model name, SW version which disabled voice and GSM functions, the others are the same as before. The changes do not affect the test results.

**Note2:** 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

<b>LTE Band2</b>		<b>Maximum E.R.P./E.I.R.P. (W)</b>			<b>Emission Designator (99%OBW)</b>		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	
20	0.183	0.150	0.120	18M0G7D	18M0W7D	18M0W7D	
15	0.182	0.150	0.117	13M5G7D	13M5W7D	13M5W7D	
10	0.182	0.152	0.119	9M00G7D	8M96W7D	8M98W7D	
5	0.182	0.150	0.121	4M50G7D	4M50W7D	4M51W7D	
3	0.181	0.152	0.117	2M72G7D	2M70W7D	2M71W7D	
1.4	0.180	0.152	0.121	1M10G7D	1M10W7D	1M10W7D	
<b>LTE Band 4</b>		<b>Maximum E.R.P./E.I.R.P. (W)</b>			<b>Emission Designator (99%OBW)</b>		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	
20	0.138	0.112	0.090	18M0G7D	18M0W7D	18M0W7D	
15	0.137	0.111	0.089	13M5G7D	13M5W7D	13M5W7D	
10	0.137	0.112	0.089	9M01G7D	8M96W7D	8M99W7D	
5	0.137	0.111	0.087	4M51G7D	4M51W7D	4M51W7D	
3	0.136	0.114	0.088	2M70G7D	2M70W7D	2M70W7D	
1.4	0.137	0.113	0.090	1M10G7D	1M10W7D	1M10W7D	
<b>LTE Band 5</b>		<b>Maximum E.R.P./E.I.R.P. (W)</b>			<b>Emission Designator (99%OBW)</b>		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	
10	0.086	0.068	0.054	9M01G7D	8M98W7D	8M99W7D	
5	0.085	0.069	0.054	4M51G7D	4M51W7D	4M52W7D	
3	0.085	0.069	0.055	2M70G7D	2M70W7D	2M71W7D	
1.4	0.085	0.069	0.054	1M10G7D	1M10W7D	1M10W7D	
<b>LTE Band 7</b>		<b>Maximum E.R.P./E.I.R.P. (W)</b>			<b>Emission Designator (99%OBW)</b>		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	
20	0.162	0.132	0.102	18M0G7D	18M0W7D	18M0W7D	
15	0.160	0.131	0.104	13M5G7D	13M5W7D	13M5W7D	
10	0.161	0.128	0.103	9M02G7D	8M99W7D	8M99W7D	
5	0.161	0.128	0.104	4M52G7D	4M52W7D	4M52W7D	
<b>LTE Band 12</b>		<b>Maximum E.R.P./E.I.R.P. (W)</b>			<b>Emission Designator (99%OBW)</b>		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	
10	0.093	0.077	0.060	9M03G7D	8M98W7D	9M01W7D	
5	0.092	0.077	0.060	4M50G7D	4M50W7D	4M51W7D	
3	0.091	0.076	0.059	2M70G7D	2M71W7D	2M71W7D	
1.4	0.092	0.074	0.060	1M10G7D	1M10W7D	1M10W7D	



<b>LTE Band 13</b>		<b>Maximum E.R.P./E.I.R.P. (W)</b>			<b>Emission Designator (99%OBW)</b>		
BW(MHz)		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10		0.092	0.075	0.059	8M97G7D	8M94W7D	8M96W7D
5		0.091	0.076	0.059	4M51G7D	4M51W7D	4M52W7D
<b>LTE Band 17</b>		<b>Maximum E.R.P./E.I.R.P. (W)</b>			<b>Emission Designator (99%OBW)</b>		
BW(MHz)		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10		0.091	0.076	0.060	9M01G7D	8M98W7D	9M00W7D
5		0.091	0.074	0.060	4M51G7D	4M52W7D	4M51W7D
<b>LTE Band 18</b>		<b>Maximum E.R.P./E.I.R.P. (W)</b>			<b>Emission Designator (99%OBW)</b>		
BW(MHz)		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
5		0.076	0.061	0.049	4M51G7D	4M51W7D	4M51W7D
<b>LTE Band19</b>		<b>Maximum E.R.P./E.I.R.P. (W)</b>			<b>Emission Designator (99%OBW)</b>		
BW(MHz)		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
15		0.086	0.071	0.055	13M4G7D	13M4W7D	13M4W7D
10		0.086	0.070	0.057	8M99G7D	8M96W7D	8M98W7D
5		0.086	0.072	0.057	4M51G7D	4M51W7D	4M52W7D
<b>LTE Band 25</b>		<b>Maximum E.R.P./E.I.R.P. (W)</b>			<b>Emission Designator (99%OBW)</b>		
BW(MHz)		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20		0.194	0.156	0.124	18M0G7D	17M9W7D	18M0W7D
15		0.193	0.153	0.123	13M5G7D	13M4W7D	13M4W7D
10		0.193	0.157	0.122	9M00G7D	8M95W7D	8M96W7D
5		0.191	0.153	0.124	4M52G7D	4M51W7D	4M52W7D
3		0.192	0.155	0.122	2M72G7D	2M71W7D	2M71W7D
1.4		0.192	0.155	0.124	1M11G7D	1M11W7D	1M11W7D
<b>LTE Band 26</b>		<b>Maximum E.R.P./E.I.R.P. (W)</b>			<b>Emission Designator (99%OBW)</b>		
BW(MHz)		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
15		0.089	0.073	0.057	13M5G7D	13M5W7D	13M5W7D
10		0.088	0.073	0.058	9M02G7D	8M98W7D	9M00W7D
5		0.088	0.074	0.058	4M51G7D	4M50W7D	4M51W7D
3		0.087	0.075	0.058	2M70G7D	2M70W7D	2M70W7D
1.4		0.087	0.071	0.056	1M10G7D	1M10W7D	1M10W7D
<b>LTE Band 30</b>		<b>Maximum E.R.P./E.I.R.P. (W)</b>			<b>Emission Designator (99%OBW)</b>		
BW(MHz)		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10		0.164	0.130	0.102	9M00G7D	8M95W7D	8M97W7D
5		0.163	0.132	0.105	4M51G7D	4M51W7D	4M52W7D





LTE Band 66	Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
	BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM
20	0.146	0.118	0.094	18M0G7D	18M0W7D	18M0W7D
15	0.145	0.119	0.092	13M5G7D	13M5W7D	13M5W7D
10	0.145	0.118	0.093	8M99G7D	8M96W7D	8M98W7D
5	0.145	0.118	0.093	4M50G7D	4M51W7D	4M50W7D
3	0.145	0.119	0.094	2M70G7D	2M71W7D	2M71W7D
1.4	0.145	0.117	0.095	1M10G7D	1M10W7D	1M10W7D
LTE Band 71	Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
	BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM
20	0.057	0.047	0.037	18M0G7D	18M0W7D	18M0W7D
15	0.056	0.046	0.037	13M5G7D	13M5W7D	13M5W7D
10	0.057	0.047	0.037	8M99G7D	8M96W7D	8M98W7D
5	0.056	0.048	0.037	4M51G7D	4M51W7D	4M52W7D

LTE Band 41	Maximum E.R.P./E.I.R.P. (W)					
	Power Class 2			Power Class 3		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20	0.499	0.392	0.311	0.333	0.269	0.210
15	0.497	0.401	0.309	0.331	0.262	0.210
10	0.498	0.394	0.314	0.332	0.262	0.207
5	0.497	0.400	0.316	0.332	0.264	0.213
LTE Band 41	Emission Designator (99%OBW)					
	BW(MHz)	QPSK		16QAM		64QAM
5	4M50G7D		4M51W7D		4M52W7D	
10	8M99G7D		8M97W7D		8M98W7D	
15	13M5G7D		13M5W7D		13M5W7D	
20	18M0G7D		18M0W7D		18M0W7D	



## 1.4. Test Standards and Results

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

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

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

Section	Description	Test Date	Test Engineer	Result	Method Determination /Remark
2.1046 22.913(a)(2) 24.232(c) 27.50(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. 24, 2023	Chen Hao Li Huaijie	PASS <sub>Note1</sub>	No deviation
2.1049	Occupied Bandwidth	Apr. 24, 2023	Li Huaijie	PASS <sub>Note1</sub>	No deviation
2.1055 22.355 24.235 27.54	Frequency Stability	Apr. 24, 2023	Li Huaijie	PASS <sub>Note1</sub>	No deviation
24.232(d), 27.50(d)(5)	Peak to Average Radio	Apr. 24, 2023	Li Huaijie	PASS <sub>Note1</sub>	No deviation
2.1051 22.917(a) 24.238(a) 27.53(a)(4) 27.53(c)(2) 27.53(g) 27.53(h) 27.53(m)(4)	Conducted Spurious Emissions	Apr. 24, 2023	Li Huaijie	PASS <sub>Note1</sub>	No deviation



2.1051 22.917(a) 24.238(a) 27.53(a)(4) 27.53(c)(2) 27.53(g) 27.53(h) 27.53(m)(4)	Band Edge	Apr. 24,2023	Li Huaijie	PASS <sub>Note1</sub>	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	May22,2023	Lin Jiayong	PASS <sub>Note1</sub>	No deviation

**Note 1:**The test results of these test items in this report refer to the test report(Report No.: SZ23020326W03).

**Note 2:** The tests were performed according to the method of measurements prescribed in KDB971168 D01 v03 and ANSI/TIA-603-E-2016.

**Note 3:** The path loss during the RF test is calibrated to correct the results by the offset setting in the test equipments. The ref offset 24.5dB contains two parts that cable loss 14.5dB and Attenuator 10dB.

**Note 4:** 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 5:**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 27D&F&H&L&M&N Requirements**

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

#### **2.1.1. Requirement**

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

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

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

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

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

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

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

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





2.1.4. Result

Conducted Output Power

LTE Band2						
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	22.57	22.66	22.60
20	QPSK	1	49	22.61	22.60	22.53
20	QPSK	1	99	22.46	22.57	22.55
20	QPSK	50	0	21.63	21.80	21.79
20	QPSK	50	24	21.55	21.65	21.60
20	QPSK	50	50	21.65	21.67	21.55
20	QPSK	100	0	21.53	21.59	21.59
20	16QAM	1	0	21.69	21.79	21.69
20	16QAM	1	49	21.79	21.64	21.71
20	16QAM	1	99	21.76	21.60	21.70
20	16QAM	50	0	20.75	20.74	20.68
20	16QAM	50	24	20.60	20.70	20.64
20	16QAM	50	50	20.80	20.50	20.56
20	16QAM	100	0	20.57	20.77	20.84
20	64QAM	1	0	20.59	20.58	20.53
20	64QAM	1	49	20.62	20.66	20.52
20	64QAM	1	99	20.82	20.77	20.61
20	64QAM	50	0	19.58	19.77	19.59
20	64QAM	50	24	19.65	19.71	19.64
20	64QAM	50	50	19.62	19.62	19.51
20	64QAM	100	0	19.56	19.59	19.79



LTE Band2						
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	22.58	22.63	22.62
15	QPSK	1	37	22.61	22.55	22.58
15	QPSK	1	74	22.55	22.54	22.44
15	QPSK	36	0	21.55	21.77	21.65
15	QPSK	36	20	21.68	21.54	21.60
15	QPSK	36	39	21.77	21.53	21.63
15	QPSK	75	0	21.59	21.70	21.59
15	16QAM	1	0	21.68	21.81	21.60
15	16QAM	1	37	21.76	21.57	21.80
15	16QAM	1	74	21.80	21.60	21.69
15	16QAM	36	0	20.62	20.69	20.70
15	16QAM	36	20	20.64	20.58	20.76
15	16QAM	36	39	20.85	20.63	20.74
15	16QAM	75	0	20.52	20.63	20.56
15	64QAM	1	0	20.61	20.57	20.50
15	64QAM	1	37	20.73	20.71	20.72
15	64QAM	1	74	20.66	20.63	20.60
15	64QAM	36	0	19.54	19.73	19.77
15	64QAM	36	20	19.51	19.60	19.63
15	64QAM	36	39	19.66	19.63	19.68
15	64QAM	75	0	19.74	19.66	19.78



LTE Band2						
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	22.60	22.65	22.59
10	QPSK	1	25	22.54	22.55	22.61
10	QPSK	1	49	22.53	22.60	22.54
10	QPSK	25	0	21.73	21.82	21.66
10	QPSK	25	12	21.57	21.58	21.68
10	QPSK	25	25	21.57	21.52	21.60
10	QPSK	50	0	21.65	21.59	21.64
10	16QAM	1	0	21.85	21.72	21.61
10	16QAM	1	25	21.75	21.62	21.65
10	16QAM	1	49	21.64	21.64	21.57
10	16QAM	25	0	20.71	20.81	20.68
10	16QAM	25	12	20.73	20.78	20.60
10	16QAM	25	25	20.65	20.64	20.81
10	16QAM	50	0	20.79	20.71	20.73
10	64QAM	1	0	20.80	20.70	20.57
10	64QAM	1	25	20.62	20.75	20.79
10	64QAM	1	49	20.59	20.63	20.65
10	64QAM	25	0	19.61	19.70	19.57
10	64QAM	25	12	19.56	19.64	19.84
10	64QAM	25	25	19.68	19.60	19.57
10	64QAM	50	0	19.66	19.77	19.72





LTE Band2						
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	22.56	22.64	22.59
5	QPSK	1	12	22.63	22.58	22.60
5	QPSK	1	24	22.51	22.55	22.62
5	QPSK	12	0	21.53	21.70	21.56
5	QPSK	12	7	21.78	21.53	21.58
5	QPSK	12	13	21.87	21.62	21.53
5	QPSK	25	0	21.63	21.78	21.76
5	16QAM	1	0	21.80	21.74	21.71
5	16QAM	1	12	21.72	21.60	21.72
5	16QAM	1	24	21.60	21.76	21.48
5	16QAM	12	0	20.74	20.65	20.77
5	16QAM	12	7	20.67	20.54	20.72
5	16QAM	12	13	20.83	20.77	20.67
5	16QAM	25	0	20.46	20.50	20.80
5	64QAM	1	0	20.79	20.75	20.59
5	64QAM	1	12	20.59	20.67	20.85
5	64QAM	1	24	20.78	20.64	20.53
5	64QAM	12	0	19.71	19.74	19.59
5	64QAM	12	7	19.74	19.84	19.67
5	64QAM	12	13	19.53	19.64	19.73
5	64QAM	25	0	19.81	19.78	19.63



LTE Band2						
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	22.51	22.61	22.58
3	QPSK	1	8	22.55	22.54	22.44
3	QPSK	1	14	22.54	22.57	22.50
3	QPSK	8	0	21.78	21.65	21.59
3	QPSK	8	4	21.57	21.52	21.75
3	QPSK	8	7	21.87	21.48	21.54
3	QPSK	15	0	21.52	21.74	21.64
3	16QAM	1	0	21.82	21.70	21.60
3	16QAM	1	8	21.85	21.50	21.59
3	16QAM	1	14	21.47	21.74	21.58
3	16QAM	8	0	20.76	20.66	20.68
3	16QAM	8	4	20.78	20.70	20.65
3	16QAM	8	7	20.70	20.51	20.57
3	16QAM	15	0	20.63	20.50	20.69
3	64QAM	1	0	20.51	20.65	20.50
3	64QAM	1	8	20.53	20.73	20.56
3	64QAM	1	14	20.68	20.67	20.73
3	64QAM	8	0	19.59	19.52	19.55
3	64QAM	8	4	19.73	19.74	19.72
3	64QAM	8	7	19.50	19.41	19.47
3	64QAM	15	0	19.51	19.73	19.61



LTE Band2						
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	22.57	22.60	22.57
1.4	QPSK	1	3	22.52	22.55	22.53
1.4	QPSK	1	5	22.51	22.58	22.58
1.4	QPSK	3	0	21.61	21.60	21.63
1.4	QPSK	3	1	21.81	21.77	21.59
1.4	QPSK	3	3	21.79	21.64	21.58
1.4	QPSK	6	0	21.61	21.84	21.69
1.4	16QAM	1	0	21.73	21.86	21.75
1.4	16QAM	1	3	21.79	21.73	21.68
1.4	16QAM	1	5	21.60	21.65	21.55
1.4	16QAM	3	0	20.76	20.82	20.87
1.4	16QAM	3	1	20.55	20.74	20.85
1.4	16QAM	3	3	20.72	20.60	20.58
1.4	16QAM	6	0	20.78	20.62	20.64
1.4	64QAM	1	0	20.73	20.55	20.64
1.4	64QAM	1	3	20.59	20.86	20.63
1.4	64QAM	1	5	20.49	20.86	20.44
1.4	64QAM	3	0	19.58	19.53	19.58
1.4	64QAM	3	1	19.61	19.85	19.82
1.4	64QAM	3	3	19.66	19.61	19.56
1.4	64QAM	6	0	19.60	19.72	19.66



LTE Band4						
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	22.70	22.74	22.63
20	QPSK	1	49	22.69	22.71	22.57
20	QPSK	1	99	22.66	22.52	22.58
20	QPSK	50	0	21.78	21.82	21.61
20	QPSK	50	24	21.78	21.68	21.73
20	QPSK	50	50	21.62	21.57	21.75
20	QPSK	100	0	21.67	21.64	21.61
20	16QAM	1	0	21.82	21.81	21.80
20	16QAM	1	49	21.82	21.54	21.61
20	16QAM	1	99	21.76	21.73	21.62
20	16QAM	50	0	20.81	20.77	20.68
20	16QAM	50	24	20.71	20.65	20.65
20	16QAM	50	50	20.83	20.63	20.51
20	16QAM	100	0	20.78	20.72	20.69
20	64QAM	1	0	20.56	20.76	20.51
20	64QAM	1	49	20.53	20.67	20.86
20	64QAM	1	99	20.82	20.65	20.62
20	64QAM	50	0	19.72	19.60	19.67
20	64QAM	50	24	19.75	19.73	19.78
20	64QAM	50	50	19.54	19.64	19.49
20	64QAM	100	0	19.68	19.58	19.66



LTE Band4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20025	20175	20325
Frequency (MHz)				1717.5	1732.5	1747.5
15	QPSK	1	0	22.66	22.71	22.68
15	QPSK	1	37	22.66	22.51	22.56
15	QPSK	1	74	22.60	22.64	22.51
15	QPSK	36	0	21.67	21.67	21.58
15	QPSK	36	20	21.68	21.77	21.66
15	QPSK	36	39	21.63	21.56	21.75
15	QPSK	75	0	21.55	21.53	21.56
15	16QAM	1	0	21.60	21.67	21.68
15	16QAM	1	37	21.73	21.74	21.77
15	16QAM	1	74	21.61	21.67	21.75
15	16QAM	36	0	20.62	20.72	20.67
15	16QAM	36	20	20.46	20.63	20.66
15	16QAM	36	39	20.71	20.67	20.70
15	16QAM	75	0	20.53	20.71	20.73
15	64QAM	1	0	20.63	20.59	20.55
15	64QAM	1	37	20.83	20.68	20.58
15	64QAM	1	74	20.73	20.64	20.67
15	64QAM	36	0	19.81	19.67	19.72
15	64QAM	36	20	19.72	19.85	19.70
15	64QAM	36	39	19.53	19.58	19.68
15	64QAM	75	0	19.59	19.54	19.80



LTE Band4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20000	20175	20350
Frequency (MHz)				1715	1732.5	1750
10	QPSK	1	0	22.61	22.69	22.66
10	QPSK	1	25	22.63	22.67	22.52
10	QPSK	1	49	22.53	22.58	22.49
10	QPSK	25	0	21.59	21.76	21.71
10	QPSK	25	12	21.79	21.49	21.81
10	QPSK	25	25	21.56	21.64	21.54
10	QPSK	50	0	21.41	21.55	21.58
10	16QAM	1	0	21.75	21.80	21.72
10	16QAM	1	25	21.56	21.60	21.82
10	16QAM	1	49	21.80	21.70	21.72
10	16QAM	25	0	20.92	20.76	20.69
10	16QAM	25	12	20.72	20.72	20.76
10	16QAM	25	25	20.68	20.67	20.78
10	16QAM	50	0	20.65	20.67	20.69
10	64QAM	1	0	20.61	20.65	20.60
10	64QAM	1	25	20.78	20.80	20.82
10	64QAM	1	49	20.75	20.69	20.47
10	64QAM	25	0	19.77	19.59	19.64
10	64QAM	25	12	19.57	19.60	19.77
10	64QAM	25	25	19.68	19.59	19.51
10	64QAM	50	0	19.79	19.75	19.63



LTE Band4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				19975	20175	20375
Frequency (MHz)				1712.5	1732.5	1752.5
5	QPSK	1	0	22.63	22.70	22.59
5	QPSK	1	12	22.65	22.69	22.52
5	QPSK	1	24	22.63	22.57	22.55
5	QPSK	12	0	21.57	21.81	21.67
5	QPSK	12	7	21.80	21.60	21.54
5	QPSK	12	13	21.62	21.50	21.52
5	QPSK	25	0	21.64	21.69	21.75
5	16QAM	1	0	21.75	21.68	21.63
5	16QAM	1	12	21.74	21.70	21.70
5	16QAM	1	24	21.80	21.51	21.71
5	16QAM	12	0	20.80	20.74	20.68
5	16QAM	12	7	20.57	20.73	20.67
5	16QAM	12	13	20.57	20.51	20.48
5	16QAM	25	0	20.44	20.66	20.55
5	64QAM	1	0	20.54	20.59	20.56
5	64QAM	1	12	20.58	20.73	20.58
5	64QAM	1	24	20.67	20.75	20.47
5	64QAM	12	0	19.73	19.81	19.58
5	64QAM	12	7	19.69	19.58	19.64
5	64QAM	12	13	19.60	19.58	19.60
5	64QAM	25	0	19.70	19.57	19.59



LTE Band4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				19965	20175	20385
Frequency (MHz)				1711.5	1732.5	1753.5
3	QPSK	1	0	22.56	22.68	22.68
3	QPSK	1	8	22.61	22.60	22.63
3	QPSK	1	14	22.60	22.68	22.61
3	QPSK	8	0	21.68	21.82	21.65
3	QPSK	8	4	21.59	21.52	21.80
3	QPSK	8	7	21.63	21.68	21.54
3	QPSK	15	0	21.55	21.69	21.57
3	16QAM	1	0	21.88	21.89	21.63
3	16QAM	1	8	21.62	21.74	21.87
3	16QAM	1	14	21.57	21.57	21.75
3	16QAM	8	0	20.66	20.77	20.65
3	16QAM	8	4	20.55	20.69	20.69
3	16QAM	8	7	20.69	20.68	20.50
3	16QAM	15	0	20.64	20.74	20.81
3	64QAM	1	0	20.47	20.53	20.58
3	64QAM	1	8	20.54	20.78	20.55
3	64QAM	1	14	20.79	20.77	20.57
3	64QAM	8	0	19.55	19.71	19.56
3	64QAM	8	4	19.58	19.84	19.67
3	64QAM	8	7	19.59	19.63	19.46
3	64QAM	15	0	19.78	19.76	19.85





LTE Band4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				19957	20175	20393
Frequency (MHz)				1710.7	1732.5	1754.3
1.4	QPSK	1	0	22.66	22.69	22.54
1.4	QPSK	1	3	22.67	22.60	22.65
1.4	QPSK	1	5	22.58	22.61	22.51
1.4	QPSK	3	0	21.54	21.68	21.84
1.4	QPSK	3	1	21.68	21.66	21.88
1.4	QPSK	3	3	21.88	21.63	21.61
1.4	QPSK	6	0	21.47	21.75	21.77
1.4	16QAM	1	0	21.71	21.85	21.66
1.4	16QAM	1	3	21.65	21.55	21.64
1.4	16QAM	1	5	21.62	21.62	21.64
1.4	16QAM	3	0	20.78	20.58	20.70
1.4	16QAM	3	1	20.60	20.71	20.82
1.4	16QAM	3	3	20.60	20.66	20.50
1.4	16QAM	6	0	20.60	20.62	20.71
1.4	64QAM	1	0	20.65	20.54	20.60
1.4	64QAM	1	3	20.60	20.61	20.86
1.4	64QAM	1	5	20.61	20.75	20.67
1.4	64QAM	3	0	19.56	19.74	19.58
1.4	64QAM	3	1	19.62	19.54	19.78
1.4	64QAM	3	3	19.70	19.56	19.59
1.4	64QAM	6	0	19.75	19.60	19.53



LTE Band5						
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	22.55	22.61	22.57
10	QPSK	1	25	22.51	22.37	22.43
10	QPSK	1	49	22.43	22.32	22.42
10	QPSK	25	0	21.37	21.60	21.57
10	QPSK	25	12	21.52	21.56	21.54
10	QPSK	25	25	21.58	21.47	21.57
10	QPSK	50	0	21.38	21.49	21.54
10	16QAM	1	0	21.51	21.56	21.54
10	16QAM	1	25	21.62	21.58	21.55
10	16QAM	1	49	21.61	21.47	21.48
10	16QAM	25	0	20.55	20.63	20.62
10	16QAM	25	12	20.48	20.36	20.58
10	16QAM	25	25	20.48	20.44	20.49
10	16QAM	50	0	20.58	20.48	20.49
10	64QAM	1	0	20.46	20.54	20.43
10	64QAM	1	25	20.59	20.54	20.42
10	64QAM	1	49	20.59	20.56	20.50
10	64QAM	25	0	19.64	19.49	19.49
10	64QAM	25	12	19.59	19.60	19.62
10	64QAM	25	25	19.55	19.39	19.45
10	64QAM	50	0	19.52	19.61	19.59



LTE Band5						
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	22.52	22.58	22.51
5	QPSK	1	12	22.53	22.38	22.29
5	QPSK	1	24	22.37	22.49	22.53
5	QPSK	12	0	21.53	21.59	21.51
5	QPSK	12	7	21.51	21.58	21.47
5	QPSK	12	13	21.52	21.31	21.47
5	QPSK	25	0	21.38	21.44	21.64
5	16QAM	1	0	21.48	21.55	21.60
5	16QAM	1	12	21.64	21.61	21.50
5	16QAM	1	24	21.49	21.40	21.47
5	16QAM	12	0	20.51	20.44	20.46
5	16QAM	12	7	20.34	20.42	20.47
5	16QAM	12	13	20.48	20.51	20.56
5	16QAM	25	0	20.36	20.56	20.45
5	64QAM	1	0	20.48	20.59	20.49
5	64QAM	1	12	20.48	20.56	20.45
5	64QAM	1	24	20.56	20.47	20.64
5	64QAM	12	0	19.62	19.50	19.55
5	64QAM	12	7	19.47	19.57	19.50
5	64QAM	12	13	19.44	19.39	19.48
5	64QAM	25	0	19.61	19.48	19.56



LTE Band5						
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	22.36	22.58	22.41
3	QPSK	1	8	22.29	22.55	22.35
3	QPSK	1	14	22.34	22.49	22.52
3	QPSK	8	0	21.36	21.54	21.64
3	QPSK	8	4	21.63	21.57	21.60
3	QPSK	8	7	21.45	21.53	21.61
3	QPSK	15	0	21.58	21.54	21.65
3	16QAM	1	0	21.53	21.65	21.60
3	16QAM	1	8	21.52	21.50	21.51
3	16QAM	1	14	21.61	21.48	21.47
3	16QAM	8	0	20.61	20.50	20.68
3	16QAM	8	4	20.58	20.32	20.54
3	16QAM	8	7	20.50	20.45	20.44
3	16QAM	15	0	20.47	20.60	20.64
3	64QAM	1	0	20.59	20.68	20.41
3	64QAM	1	8	20.40	20.61	20.56
3	64QAM	1	14	20.47	20.58	20.34
3	64QAM	8	0	19.55	19.37	19.52
3	64QAM	8	4	19.67	19.57	19.52
3	64QAM	8	7	19.26	19.47	19.67
3	64QAM	15	0	19.50	19.49	19.47



LTE Band5						
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	22.36	22.56	22.53
1.4	QPSK	1	3	22.54	22.36	22.46
1.4	QPSK	1	5	22.34	22.32	22.54
1.4	QPSK	3	0	21.65	21.61	21.52
1.4	QPSK	3	1	21.60	21.56	21.51
1.4	QPSK	3	3	21.59	21.51	21.58
1.4	QPSK	6	0	21.41	21.53	21.47
1.4	16QAM	1	0	21.66	21.54	21.46
1.4	16QAM	1	3	21.67	21.60	21.58
1.4	16QAM	1	5	21.62	21.59	21.60
1.4	16QAM	3	0	20.54	20.62	20.61
1.4	16QAM	3	1	20.62	20.54	20.52
1.4	16QAM	3	3	20.66	20.59	20.68
1.4	16QAM	6	0	20.38	20.45	20.53
1.4	64QAM	1	0	20.54	20.41	20.41
1.4	64QAM	1	3	20.51	20.59	20.58
1.4	64QAM	1	5	20.45	20.62	20.47
1.4	64QAM	3	0	19.53	19.57	19.60
1.4	64QAM	3	1	19.55	19.53	19.52
1.4	64QAM	3	3	19.56	19.53	19.62
1.4	64QAM	6	0	19.45	19.56	19.57



LTE Band7						
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	20.87	20.93	20.82
20	QPSK	1	49	20.65	20.80	20.75
20	QPSK	1	99	20.79	20.70	20.77
20	QPSK	50	0	19.87	20.00	19.96
20	QPSK	50	24	19.80	19.64	19.78
20	QPSK	50	50	19.86	19.75	19.70
20	QPSK	100	0	19.73	19.71	19.69
20	16QAM	1	0	20.03	19.98	19.75
20	16QAM	1	49	19.81	19.77	19.88
20	16QAM	1	99	19.85	19.70	19.88
20	16QAM	50	0	18.75	18.91	18.92
20	16QAM	50	24	18.64	18.76	18.87
20	16QAM	50	50	18.79	18.59	18.69
20	16QAM	100	0	18.90	18.65	18.79
20	64QAM	1	0	18.94	18.66	18.82
20	64QAM	1	49	18.64	18.90	18.86
20	64QAM	1	99	18.87	18.86	18.77
20	64QAM	50	0	17.85	17.89	17.80
20	64QAM	50	24	17.93	17.97	17.94
20	64QAM	50	50	17.77	17.82	17.72
20	64QAM	100	0	17.65	17.77	17.82



LTE Band7						
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	20.80	20.89	20.71
15	QPSK	1	37	20.73	20.83	20.74
15	QPSK	1	74	20.60	20.72	20.59
15	QPSK	36	0	19.87	19.85	19.88
15	QPSK	36	20	19.86	19.71	19.94
15	QPSK	36	39	19.95	19.87	19.88
15	QPSK	75	0	19.53	19.71	19.90
15	16QAM	1	0	20.02	19.99	19.84
15	16QAM	1	37	19.81	19.75	19.92
15	16QAM	1	74	19.60	19.92	19.81
15	16QAM	36	0	18.85	18.69	18.87
15	16QAM	36	20	18.68	18.85	18.97
15	16QAM	36	39	18.76	18.59	18.61
15	16QAM	75	0	18.77	18.77	18.88
15	64QAM	1	0	18.81	18.63	18.67
15	64QAM	1	37	18.66	18.85	18.86
15	64QAM	1	74	18.91	18.99	18.60
15	64QAM	36	0	17.97	17.68	17.65
15	64QAM	36	20	17.90	17.92	17.71
15	64QAM	36	39	17.76	17.66	17.84
15	64QAM	75	0	17.93	17.71	17.68



LTE Band7						
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	20.78	20.90	20.78
10	QPSK	1	25	20.66	20.92	20.68
10	QPSK	1	49	20.75	20.68	20.80
10	QPSK	25	0	19.70	19.72	19.98
10	QPSK	25	12	19.73	19.71	19.84
10	QPSK	25	25	19.73	19.78	19.79
10	QPSK	50	0	19.71	19.80	19.58
10	16QAM	1	0	19.90	19.76	19.88
10	16QAM	1	25	19.70	19.62	19.73
10	16QAM	1	49	19.58	19.70	19.64
10	16QAM	25	0	18.74	18.79	18.91
10	16QAM	25	12	18.90	18.74	18.74
10	16QAM	25	25	18.68	18.68	18.60
10	16QAM	50	0	18.90	18.77	18.73
10	64QAM	1	0	18.70	18.78	18.77
10	64QAM	1	25	18.78	18.95	18.86
10	64QAM	1	49	18.88	18.84	18.82
10	64QAM	25	0	17.66	17.70	17.70
10	64QAM	25	12	17.85	17.84	17.94
10	64QAM	25	25	17.60	17.76	17.71
10	64QAM	50	0	17.88	17.91	17.71





LTE Band7						
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	20.71	20.91	20.79
5	QPSK	1	12	20.78	20.76	20.71
5	QPSK	1	24	20.73	20.70	20.63
5	QPSK	12	0	19.80	19.96	19.90
5	QPSK	12	7	19.76	19.74	19.88
5	QPSK	12	13	19.97	19.64	19.73
5	QPSK	25	0	19.69	19.74	19.72
5	16QAM	1	0	19.84	19.80	19.63
5	16QAM	1	12	19.92	19.67	19.81
5	16QAM	1	24	19.61	19.63	19.91
5	16QAM	12	0	19.00	18.74	18.90
5	16QAM	12	7	18.67	18.74	18.83
5	16QAM	12	13	18.90	18.83	18.93
5	16QAM	25	0	18.70	18.71	18.68
5	64QAM	1	0	18.82	18.86	18.81
5	64QAM	1	12	18.80	18.85	18.83
5	64QAM	1	24	18.95	18.99	18.86
5	64QAM	12	0	17.81	17.79	17.85
5	64QAM	12	7	17.60	17.68	17.79
5	64QAM	12	13	17.67	17.85	17.76
5	64QAM	25	0	17.78	17.86	17.65



LTE Band 12						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23060	23095	23130
Frequency (MHz)				704	707.5	711
10	QPSK	1	0	23.25	23.29	23.20
10	QPSK	1	25	23.06	23.16	23.04
10	QPSK	1	49	23.23	23.20	23.19
10	QPSK	25	0	22.33	22.38	22.29
10	QPSK	25	12	22.15	22.21	22.19
10	QPSK	25	25	22.32	22.35	22.15
10	QPSK	50	0	22.03	22.23	22.09
10	16QAM	1	0	22.34	22.36	22.31
10	16QAM	1	25	22.25	22.29	22.48
10	16QAM	1	49	22.10	22.29	22.40
10	16QAM	25	0	21.26	21.35	21.32
10	16QAM	25	12	21.30	21.23	21.24
10	16QAM	25	25	21.35	21.12	21.09
10	16QAM	50	0	21.33	21.15	21.14
10	64QAM	1	0	21.07	21.35	21.27
10	64QAM	1	25	21.31	21.38	21.15
10	64QAM	1	49	21.22	21.36	21.31
10	64QAM	25	0	20.25	20.35	20.25
10	64QAM	25	12	20.14	20.22	20.38
10	64QAM	25	25	20.05	20.06	20.38
10	64QAM	50	0	20.17	20.09	20.17



LTE Band 12						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23035	23095	23155
Frequency (MHz)				701.5	707.5	713.5
5	QPSK	1	0	23.20	23.24	23.19
5	QPSK	1	12	23.24	23.15	23.11
5	QPSK	1	24	23.19	23.20	23.02
5	QPSK	12	0	22.23	22.19	22.41
5	QPSK	12	7	22.22	22.15	22.16
5	QPSK	12	13	22.30	22.31	22.26
5	QPSK	25	0	22.12	22.35	22.36
5	16QAM	1	0	22.41	22.49	22.15
5	16QAM	1	12	22.20	22.31	22.23
5	16QAM	1	24	22.27	22.26	22.27
5	16QAM	12	0	21.49	21.41	21.28
5	16QAM	12	7	21.10	21.36	21.28
5	16QAM	12	13	21.42	21.27	21.36
5	16QAM	25	0	21.22	21.13	21.40
5	64QAM	1	0	21.35	21.33	21.06
5	64QAM	1	12	21.42	21.35	21.35
5	64QAM	1	24	21.26	21.37	21.16
5	64QAM	12	0	20.43	20.20	20.07
5	64QAM	12	7	20.12	20.38	20.45
5	64QAM	12	13	20.07	20.25	20.19
5	64QAM	25	0	20.26	20.36	20.30



LTE Band 12						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23025	23095	23165
Frequency (MHz)				700.5	707.5	714.5
3	QPSK	1	0	23.21	23.23	23.17
3	QPSK	1	8	23.16	23.10	23.06
3	QPSK	1	14	23.14	23.15	23.11
3	QPSK	8	0	22.10	22.33	22.30
3	QPSK	8	4	22.19	22.28	22.22
3	QPSK	8	7	22.18	22.23	22.17
3	QPSK	15	0	22.00	22.16	22.08
3	16QAM	1	0	22.30	22.37	22.18
3	16QAM	1	8	22.43	22.29	22.19
3	16QAM	1	14	22.10	22.39	22.07
3	16QAM	8	0	21.24	21.22	21.35
3	16QAM	8	4	21.26	21.19	21.27
3	16QAM	8	7	21.40	21.29	21.14
3	16QAM	15	0	21.17	21.26	21.36
3	64QAM	1	0	21.13	21.33	21.06
3	64QAM	1	8	21.24	21.26	21.32
3	64QAM	1	14	21.18	21.25	21.26
3	64QAM	8	0	20.21	20.25	20.12
3	64QAM	8	4	20.25	20.17	20.40
3	64QAM	8	7	20.03	20.05	20.13
3	64QAM	15	0	20.36	20.23	20.12



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	23.16	23.26	23.17
1.4	QPSK	1	3	23.22	23.16	23.01
1.4	QPSK	1	5	23.18	23.07	23.16
1.4	QPSK	3	0	22.22	22.34	22.40
1.4	QPSK	3	1	22.33	22.23	22.30
1.4	QPSK	3	3	22.34	22.03	22.04
1.4	QPSK	6	0	22.13	22.34	22.04
1.4	16QAM	1	0	22.24	22.30	22.18
1.4	16QAM	1	3	22.34	22.25	22.20
1.4	16QAM	1	5	22.28	22.32	22.32
1.4	16QAM	3	0	21.27	21.22	21.32
1.4	16QAM	3	1	21.18	21.20	21.38
1.4	16QAM	3	3	21.29	21.25	21.08
1.4	16QAM	6	0	21.10	21.14	21.26
1.4	64QAM	1	0	21.07	21.37	21.08
1.4	64QAM	1	3	21.19	21.25	21.33
1.4	64QAM	1	5	21.15	21.37	21.33
1.4	64QAM	3	0	20.36	20.14	20.10
1.4	64QAM	3	1	20.16	20.46	20.26
1.4	64QAM	3	3	20.01	20.24	20.40
1.4	64QAM	6	0	20.28	20.14	20.32



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	/	23.24	/
10	QPSK	1	25	/	23.20	/
10	QPSK	1	49	/	23.15	/
10	QPSK	25	0	/	22.43	/
10	QPSK	25	12	/	22.27	/
10	QPSK	25	25	/	22.16	/
10	QPSK	50	0	/	22.34	/
10	16QAM	1	0	/	22.29	/
10	16QAM	1	25	/	22.38	/
10	16QAM	1	49	/	22.31	/
10	16QAM	25	0	/	21.37	/
10	16QAM	25	12	/	21.32	/
10	16QAM	25	25	/	21.11	/
10	16QAM	50	0	/	21.16	/
10	64QAM	1	0	/	21.32	/
10	64QAM	1	25	/	21.25	/
10	64QAM	1	49	/	21.04	/
10	64QAM	25	0	/	20.22	/
10	64QAM	25	12	/	20.33	/
10	64QAM	25	25	/	20.41	/
10	64QAM	50	0	/	20.43	/



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	23.20	23.22	23.19
5	QPSK	1	12	23.13	23.19	23.18
5	QPSK	1	24	23.16	23.18	23.21
5	QPSK	12	0	22.38	22.37	22.33
5	QPSK	12	7	22.19	22.18	22.19
5	QPSK	12	13	22.25	22.13	22.28
5	QPSK	25	0	22.13	22.18	22.29
5	16QAM	1	0	22.32	22.24	22.31
5	16QAM	1	12	22.27	22.10	22.32
5	16QAM	1	24	22.26	22.41	22.37
5	16QAM	12	0	21.28	21.44	21.32
5	16QAM	12	7	21.31	21.10	21.19
5	16QAM	12	13	21.26	21.15	21.19
5	16QAM	25	0	21.09	21.32	21.21
5	64QAM	1	0	21.17	21.19	21.19
5	64QAM	1	12	21.11	21.24	21.11
5	64QAM	1	24	21.09	21.16	21.33
5	64QAM	12	0	20.32	20.26	20.17
5	64QAM	12	7	20.32	20.30	20.18
5	64QAM	12	13	20.08	20.20	20.19
5	64QAM	25	0	20.39	20.29	20.34



LTE Band 17						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23780	23790	23800
Frequency (MHz)				709	710	711
10	QPSK	1	0	23.19	23.23	23.16
10	QPSK	1	25	23.05	23.19	23.20
10	QPSK	1	49	23.12	23.15	23.20
10	QPSK	25	0	22.28	22.31	22.27
10	QPSK	25	12	22.18	22.27	22.22
10	QPSK	25	25	22.13	22.23	22.11
10	QPSK	50	0	22.26	22.13	22.12
10	16QAM	1	0	22.30	22.36	22.07
10	16QAM	1	25	22.13	22.14	22.43
10	16QAM	1	49	22.21	22.24	22.12
10	16QAM	25	0	21.29	21.38	21.42
10	16QAM	25	12	21.08	21.17	21.23
10	16QAM	25	25	21.39	21.07	21.27
10	16QAM	50	0	21.32	21.37	21.49
10	64QAM	1	0	21.18	21.30	21.09
10	64QAM	1	25	21.42	21.24	21.38
10	64QAM	1	49	21.24	21.33	21.11
10	64QAM	25	0	20.34	20.39	20.09
10	64QAM	25	12	20.07	20.30	20.25
10	64QAM	25	25	20.07	20.12	20.18
10	64QAM	50	0	20.13	20.09	20.18





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	23.14	23.20	23.16
5	QPSK	1	12	23.04	23.16	23.10
5	QPSK	1	24	23.15	23.09	23.13
5	QPSK	12	0	22.19	22.45	22.24
5	QPSK	12	7	22.36	22.38	22.40
5	QPSK	12	13	22.29	22.19	22.09
5	QPSK	25	0	22.14	22.16	22.20
5	16QAM	1	0	22.26	22.34	22.17
5	16QAM	1	12	22.27	22.16	22.27
5	16QAM	1	24	22.12	22.18	22.23
5	16QAM	12	0	21.29	21.35	21.44
5	16QAM	12	7	21.08	21.35	21.25
5	16QAM	12	13	21.50	21.31	21.08
5	16QAM	25	0	21.32	21.19	21.20
5	64QAM	1	0	21.12	21.41	21.23
5	64QAM	1	12	21.29	21.38	21.11
5	64QAM	1	24	21.30	21.27	21.37
5	64QAM	12	0	20.39	20.26	20.27
5	64QAM	12	7	20.36	20.24	20.33
5	64QAM	12	13	20.17	20.10	20.16
5	64QAM	25	0	20.36	20.14	20.19



LTE Band 18						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23965	23970	23975
Frequency (MHz)				826.5	827	827.5
5	QPSK	1	0	22.61	22.55	22.65
5	QPSK	1	12	22.70	22.72	22.77
5	QPSK	1	24	22.57	22.57	22.59
5	QPSK	12	0	21.73	21.77	21.82
5	QPSK	12	7	21.68	21.71	21.77
5	QPSK	12	13	21.59	21.59	21.69
5	QPSK	25	0	21.73	21.79	21.83
5	16QAM	1	0	21.73	21.74	21.78
5	16QAM	1	12	21.68	21.66	21.74
5	16QAM	1	24	21.51	21.62	21.63
5	16QAM	12	0	20.78	20.86	20.89
5	16QAM	12	7	20.71	20.82	20.83
5	16QAM	12	13	20.87	20.80	20.90
5	16QAM	25	0	20.83	20.77	20.89
5	64QAM	1	0	20.72	20.62	20.73
5	64QAM	1	12	20.57	20.60	20.66
5	64QAM	1	24	20.82	20.79	20.85
5	64QAM	12	0	19.57	19.52	19.58
5	64QAM	12	7	19.93	19.85	19.95
5	64QAM	12	13	19.60	19.67	19.68
5	64QAM	25	0	19.69	19.59	19.70



LTE Band 19						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				24075	24075	24075
Frequency (MHz)				837.5	837.5	837.5
15	QPSK	1	0	22.59	22.65	22.60
15	QPSK	1	37	22.50	22.52	22.56
15	QPSK	1	74	22.53	22.57	22.50
15	QPSK	36	0	21.71	21.75	21.66
15	QPSK	36	20	21.58	21.58	21.51
15	QPSK	36	39	21.54	21.56	21.59
15	QPSK	75	0	21.58	21.68	21.57
15	16QAM	1	0	21.70	21.76	21.60
15	16QAM	1	37	21.66	21.56	21.77
15	16QAM	1	74	21.62	21.77	21.70
15	16QAM	36	0	20.62	20.81	20.84
15	16QAM	36	20	20.53	20.58	20.68
15	16QAM	36	39	20.63	20.64	20.72
15	16QAM	75	0	20.64	20.55	20.84
15	64QAM	1	0	20.62	20.71	20.56
15	64QAM	1	37	20.66	20.69	20.60
15	64QAM	1	74	20.61	20.68	20.58
15	64QAM	36	0	19.66	19.61	19.75
15	64QAM	36	20	19.55	19.66	19.65
15	64QAM	36	39	19.62	19.53	19.74
15	64QAM	75	0	19.64	19.66	19.75



LTE Band 19						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				24050	24075	24100
Frequency (MHz)				835	837.5	840
10	QPSK	1	0	22.59	22.62	22.60
10	QPSK	1	25	22.51	22.56	22.53
10	QPSK	1	49	22.57	22.54	22.52
10	QPSK	25	0	21.56	21.66	21.71
10	QPSK	25	12	21.60	21.69	21.63
10	QPSK	25	25	21.66	21.58	21.61
10	QPSK	50	0	21.61	21.62	21.57
10	16QAM	1	0	21.62	21.75	21.42
10	16QAM	1	25	21.63	21.71	21.71
10	16QAM	1	49	21.74	21.46	21.49
10	16QAM	25	0	20.63	20.84	20.73
10	16QAM	25	12	20.45	20.44	20.66
10	16QAM	25	25	20.62	20.58	20.57
10	16QAM	50	0	20.73	20.44	20.58
10	64QAM	1	0	20.42	20.63	20.59
10	64QAM	1	25	20.63	20.69	20.81
10	64QAM	1	49	20.72	20.81	20.47
10	64QAM	25	0	19.51	19.58	19.66
10	64QAM	25	12	19.47	19.72	19.81
10	64QAM	25	25	19.56	19.53	19.52
10	64QAM	50	0	19.76	19.68	19.77



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	22.58	22.61	22.51
5	QPSK	1	12	22.52	22.54	22.54
5	QPSK	1	24	22.55	22.60	22.47
5	QPSK	12	0	21.61	21.82	21.53
5	QPSK	12	7	21.55	21.50	21.62
5	QPSK	12	13	21.74	21.56	21.55
5	QPSK	25	0	21.48	21.49	21.49
5	16QAM	1	0	21.71	21.88	21.63
5	16QAM	1	12	21.56	21.56	21.82
5	16QAM	1	24	21.56	21.68	21.71
5	16QAM	12	0	20.80	20.67	20.53
5	16QAM	12	7	20.62	20.54	20.70
5	16QAM	12	13	20.70	20.43	20.47
5	16QAM	25	0	20.69	20.60	20.81
5	64QAM	1	0	20.53	20.63	20.56
5	64QAM	1	12	20.74	20.83	20.51
5	64QAM	1	24	20.74	20.59	20.59
5	64QAM	12	0	19.80	19.54	19.54
5	64QAM	12	7	19.51	19.77	19.67
5	64QAM	12	13	19.63	19.55	19.60
5	64QAM	25	0	19.76	19.64	19.54



LTE Band25						
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	22.89	22.92	22.85
20	QPSK	1	49	22.84	22.80	22.83
20	QPSK	1	99	22.63	22.69	22.78
20	QPSK	50	0	21.86	21.96	21.84
20	QPSK	50	24	21.80	21.81	21.87
20	QPSK	50	50	21.73	21.79	21.83
20	QPSK	100	0	21.86	21.94	21.88
20	16QAM	1	0	21.96	21.95	21.98
20	16QAM	1	49	21.90	21.90	21.97
20	16QAM	1	99	21.76	21.94	21.71
20	16QAM	50	0	20.84	20.92	20.99
20	16QAM	50	24	20.89	20.95	20.90
20	16QAM	50	50	20.92	20.97	20.95
20	16QAM	100	0	20.68	20.74	20.97
20	64QAM	1	0	20.78	20.74	20.81
20	64QAM	1	49	20.83	20.90	20.74
20	64QAM	1	99	20.74	20.85	20.96
20	64QAM	50	0	19.94	19.73	19.90
20	64QAM	50	24	19.88	19.81	19.79
20	64QAM	50	50	19.80	19.79	19.67
20	64QAM	100	0	19.74	19.79	19.76



LTE Band25						
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	22.85	22.90	22.78
15	QPSK	1	37	22.75	22.77	22.89
15	QPSK	1	74	22.63	22.80	22.83
15	QPSK	36	0	21.71	21.90	21.81
15	QPSK	36	20	21.92	21.88	21.83
15	QPSK	36	39	21.78	21.77	21.82
15	QPSK	75	0	21.54	21.77	21.78
15	16QAM	1	0	21.77	21.90	21.79
15	16QAM	1	37	21.84	21.67	21.86
15	16QAM	1	74	21.76	21.74	21.87
15	16QAM	36	0	20.90	20.85	20.85
15	16QAM	36	20	20.74	20.62	20.79
15	16QAM	36	39	20.88	20.88	20.85
15	16QAM	75	0	20.76	20.98	20.91
15	64QAM	1	0	20.94	20.79	20.71
15	64QAM	1	37	20.78	20.84	20.79
15	64QAM	1	74	20.72	20.86	20.82
15	64QAM	36	0	19.88	19.74	19.82
15	64QAM	36	20	19.78	19.79	19.78
15	64QAM	36	39	19.64	19.92	19.86
15	64QAM	75	0	19.84	19.76	19.71



LTE Band25						
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	22.74	22.89	22.79
10	QPSK	1	25	22.75	22.74	22.80
10	QPSK	1	49	22.88	22.76	22.68
10	QPSK	25	0	21.75	21.84	21.92
10	QPSK	25	12	21.81	21.89	21.73
10	QPSK	25	25	21.76	21.77	21.87
10	QPSK	50	0	21.71	21.77	21.69
10	16QAM	1	0	21.90	21.86	21.73
10	16QAM	1	25	21.99	21.73	21.86
10	16QAM	1	49	21.74	21.99	21.74
10	16QAM	25	0	20.79	20.83	20.91
10	16QAM	25	12	20.77	20.87	20.98
10	16QAM	25	25	20.77	20.90	20.73
10	16QAM	50	0	20.79	20.96	20.84
10	64QAM	1	0	20.79	20.88	20.88
10	64QAM	1	25	20.92	20.87	20.80
10	64QAM	1	49	20.91	20.78	20.66
10	64QAM	25	0	19.80	19.75	19.77
10	64QAM	25	12	19.83	19.92	19.83
10	64QAM	25	25	19.70	19.77	19.79
10	64QAM	50	0	19.81	19.91	19.76





LTE Band25						
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	22.66	22.85	22.68
5	QPSK	1	12	22.65	22.79	22.70
5	QPSK	1	24	22.59	22.55	22.75
5	QPSK	12	0	21.74	21.87	21.73
5	QPSK	12	7	21.77	21.78	21.84
5	QPSK	12	13	21.74	21.78	21.64
5	QPSK	25	0	21.63	21.76	21.83
5	16QAM	1	0	21.82	21.88	21.78
5	16QAM	1	12	21.89	21.81	21.80
5	16QAM	1	24	21.74	21.72	21.79
5	16QAM	12	0	20.91	20.94	20.85
5	16QAM	12	7	20.66	20.86	20.83
5	16QAM	12	13	20.77	20.68	20.74
5	16QAM	25	0	20.91	20.84	20.80
5	64QAM	1	0	20.96	20.97	20.76
5	64QAM	1	12	20.76	20.83	20.91
5	64QAM	1	24	20.87	20.95	20.89
5	64QAM	12	0	19.89	19.79	19.70
5	64QAM	12	7	19.84	19.86	19.75
5	64QAM	12	13	19.84	19.86	19.81
5	64QAM	25	0	19.79	19.87	19.83



LTE Band25						
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	22.84	22.88	22.79
3	QPSK	1	8	22.58	22.73	22.68
3	QPSK	1	14	22.81	22.86	22.62
3	QPSK	8	0	21.70	21.78	21.73
3	QPSK	8	4	21.79	21.81	21.79
3	QPSK	8	7	21.76	21.70	21.85
3	QPSK	15	0	21.69	21.72	21.79
3	16QAM	1	0	21.89	21.94	21.93
3	16QAM	1	8	21.74	21.82	21.91
3	16QAM	1	14	21.72	21.88	21.71
3	16QAM	8	0	20.87	20.88	20.90
3	16QAM	8	4	20.91	20.68	20.72
3	16QAM	8	7	20.82	20.65	20.89
3	16QAM	15	0	20.78	20.86	20.93
3	64QAM	1	0	20.83	20.91	20.86
3	64QAM	1	8	20.85	20.77	20.91
3	64QAM	1	14	20.76	20.84	20.66
3	64QAM	8	0	19.84	19.74	19.82
3	64QAM	8	4	19.80	19.79	19.75
3	64QAM	8	7	19.55	19.58	19.71
3	64QAM	15	0	19.72	19.72	19.89



LTE Band25						
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	22.84	22.87	22.76
1.4	QPSK	1	3	22.77	22.75	22.57
1.4	QPSK	1	5	22.80	22.72	22.61
1.4	QPSK	3	0	21.80	21.92	21.89
1.4	QPSK	3	1	21.84	21.67	21.86
1.4	QPSK	3	3	21.89	21.90	21.77
1.4	QPSK	6	0	21.73	21.83	21.94
1.4	16QAM	1	0	21.73	21.94	21.81
1.4	16QAM	1	3	21.80	21.82	21.95
1.4	16QAM	1	5	21.90	21.74	21.81
1.4	16QAM	3	0	20.79	21.09	21.20
1.4	16QAM	3	1	20.74	20.85	20.92
1.4	16QAM	3	3	20.86	20.92	20.93
1.4	16QAM	6	0	20.80	20.72	20.92
1.4	64QAM	1	0	20.70	20.98	20.69
1.4	64QAM	1	3	20.71	20.87	20.85
1.4	64QAM	1	5	20.83	20.86	20.77
1.4	64QAM	3	0	19.88	19.85	19.88
1.4	64QAM	3	1	19.80	19.81	19.79
1.4	64QAM	3	3	19.90	19.80	19.84
1.4	64QAM	6	0	19.72	19.79	19.87



LTE Band26						
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	22.76	22.58	22.70
15	QPSK	1	37	22.75	22.62	22.73
15	QPSK	1	74	22.58	22.58	22.61
15	QPSK	36	0	21.87	21.77	21.80
15	QPSK	36	20	21.85	21.68	21.75
15	QPSK	36	39	21.83	21.70	21.73
15	QPSK	75	0	21.72	21.77	21.82
15	16QAM	1	0	21.89	21.80	21.91
15	16QAM	1	37	21.66	21.78	21.83
15	16QAM	1	74	21.93	21.77	21.87
15	16QAM	36	0	20.88	20.92	20.94
15	16QAM	36	20	20.81	20.58	20.70
15	16QAM	36	39	20.88	20.84	20.88
15	16QAM	75	0	20.91	20.68	20.74
15	64QAM	1	0	20.86	20.70	20.80
15	64QAM	1	37	20.78	20.63	20.75
15	64QAM	1	74	20.79	20.67	20.75
15	64QAM	36	0	19.89	19.74	19.75
15	64QAM	36	20	19.81	19.58	19.70
15	64QAM	36	39	19.66	19.71	19.82
15	64QAM	75	0	19.87	19.89	19.97



LTE Band26						
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	22.64	22.69	22.71
10	QPSK	1	25	22.54	22.53	22.59
10	QPSK	1	49	22.54	22.53	22.61
10	QPSK	25	0	21.69	21.70	21.79
10	QPSK	25	12	21.74	21.73	21.76
10	QPSK	25	25	21.68	21.79	21.80
10	QPSK	50	0	21.77	21.78	21.89
10	16QAM	1	0	21.66	21.71	21.76
10	16QAM	1	25	21.69	21.62	21.71
10	16QAM	1	49	21.87	21.81	21.90
10	16QAM	25	0	20.77	20.77	20.87
10	16QAM	25	12	20.73	20.77	20.83
10	16QAM	25	25	20.68	20.74	20.76
10	16QAM	50	0	20.93	20.95	20.98
10	64QAM	1	0	20.58	20.64	20.70
10	64QAM	1	25	20.68	20.72	20.77
10	64QAM	1	49	20.86	20.84	20.95
10	64QAM	25	0	19.75	19.70	19.81
10	64QAM	25	12	19.96	20.00	20.01
10	64QAM	25	25	19.90	19.96	20.00
10	64QAM	50	0	19.94	19.93	20.01



LTE Band26						
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	22.65	22.63	22.68
5	QPSK	1	12	22.61	22.65	22.69
5	QPSK	1	24	22.61	22.60	22.71
5	QPSK	12	0	21.66	21.68	21.78
5	QPSK	12	7	21.71	21.71	21.80
5	QPSK	12	13	21.67	21.70	21.71
5	QPSK	25	0	21.71	21.68	21.77
5	16QAM	1	0	21.69	21.64	21.72
5	16QAM	1	12	21.78	21.72	21.82
5	16QAM	1	24	21.83	21.90	21.95
5	16QAM	12	0	20.86	20.85	20.89
5	16QAM	12	7	20.69	20.69	20.73
5	16QAM	12	13	20.70	20.68	20.78
5	16QAM	25	0	20.77	20.80	20.85
5	64QAM	1	0	20.71	20.80	20.83
5	64QAM	1	12	20.82	20.86	20.92
5	64QAM	1	24	20.61	20.69	20.72
5	64QAM	12	0	19.72	19.70	19.77
5	64QAM	12	7	19.77	19.79	19.88
5	64QAM	12	13	19.77	19.81	19.83
5	64QAM	25	0	19.69	19.76	19.79



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	22.59	22.62	22.65
3	QPSK	1	8	22.65	22.62	22.67
3	QPSK	1	14	22.55	22.49	22.61
3	QPSK	8	0	21.71	21.68	21.80
3	QPSK	8	4	21.84	21.86	21.91
3	QPSK	8	7	21.55	21.52	21.62
3	QPSK	15	0	21.66	21.62	21.69
3	16QAM	1	0	21.70	21.67	21.71
3	16QAM	1	8	21.97	21.98	22.03
3	16QAM	1	14	21.90	21.85	21.96
3	16QAM	8	0	20.80	20.84	20.86
3	16QAM	8	4	20.96	20.93	21.03
3	16QAM	8	7	20.77	20.76	20.88
3	16QAM	15	0	21.07	20.99	21.09
3	64QAM	1	0	20.85	20.85	20.89
3	64QAM	1	8	20.72	20.71	20.76
3	64QAM	1	14	20.83	20.83	20.95
3	64QAM	8	0	19.92	19.99	20.00
3	64QAM	8	4	19.92	19.93	19.97
3	64QAM	8	7	19.57	19.64	19.68
3	64QAM	15	0	19.77	19.79	19.87



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	22.62	22.66	22.67
1.4	QPSK	1	3	22.56	22.56	22.64
1.4	QPSK	1	5	22.59	22.65	22.67
1.4	QPSK	3	0	21.82	21.84	21.91
1.4	QPSK	3	1	21.87	21.82	21.93
1.4	QPSK	3	3	21.60	21.63	21.69
1.4	QPSK	6	0	21.74	21.67	21.77
1.4	16QAM	1	0	21.74	21.76	21.81
1.4	16QAM	1	3	21.68	21.73	21.77
1.4	16QAM	1	5	21.67	21.68	21.79
1.4	16QAM	3	0	20.75	20.69	20.77
1.4	16QAM	3	1	20.81	20.75	20.84
1.4	16QAM	3	3	20.48	20.53	20.55
1.4	16QAM	6	0	20.77	20.70	20.79
1.4	64QAM	1	0	20.55	20.58	20.66
1.4	64QAM	1	3	20.64	20.62	20.69
1.4	64QAM	1	5	20.67	20.62	20.73
1.4	64QAM	3	0	19.79	19.81	19.88
1.4	64QAM	3	1	19.77	19.69	19.79
1.4	64QAM	3	3	19.65	19.71	19.72
1.4	64QAM	6	0	19.87	19.91	19.94





LTE Band 30						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				/	27710	/
Frequency (MHz)				/	2310	/
10	QPSK	1	0	/	22.89	/
10	QPSK	1	25	/	22.87	/
10	QPSK	1	49	/	22.81	/
10	QPSK	25	0	/	21.90	/
10	QPSK	25	12	/	21.92	/
10	QPSK	25	25	/	21.85	/
10	QPSK	50	0	/	21.94	/
10	16QAM	1	0	/	21.89	/
10	16QAM	1	25	/	21.64	/
10	16QAM	1	49	/	21.71	/
10	16QAM	25	0	/	20.84	/
10	16QAM	25	12	/	20.63	/
10	16QAM	25	25	/	20.67	/
10	16QAM	50	0	/	20.67	/
10	64QAM	1	0	/	20.67	/
10	64QAM	1	25	/	20.78	/
10	64QAM	1	49	/	20.84	/
10	64QAM	25	0	/	19.79	/
10	64QAM	25	12	/	19.81	/
10	64QAM	25	25	/	19.85	/
10	64QAM	50	0	/	19.76	/



LTE Band 30						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				27685	27710	27735
Frequency (MHz)				2307.5	2310	2312.5
5	QPSK	1	0	22.74	22.85	22.82
5	QPSK	1	12	22.67	22.67	22.57
5	QPSK	1	24	22.72	22.68	22.62
5	QPSK	12	0	21.69	21.84	22.11
5	QPSK	12	7	21.78	21.83	21.73
5	QPSK	12	13	21.73	21.69	21.75
5	QPSK	25	0	21.69	21.93	21.68
5	16QAM	1	0	21.66	21.79	21.84
5	16QAM	1	12	21.73	21.86	21.81
5	16QAM	1	24	21.88	21.93	21.95
5	16QAM	12	0	20.89	20.79	20.80
5	16QAM	12	7	20.92	20.68	20.78
5	16QAM	12	13	20.84	20.63	20.69
5	16QAM	25	0	20.79	20.71	21.05
5	64QAM	1	0	20.81	20.81	20.96
5	64QAM	1	12	20.76	20.74	20.85
5	64QAM	1	24	20.72	20.81	20.95
5	64QAM	12	0	19.92	19.78	19.90
5	64QAM	12	7	19.87	19.77	19.86
5	64QAM	12	13	19.60	19.76	19.96
5	64QAM	25	0	19.81	19.79	19.86



LTE Band 41 (Power Class 2)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39750	40620	41490
Frequency (MHz)				2506	2593	2680
20	QPSK	1	0	25.36	25.44	25.21
20	QPSK	1	49	25.18	25.35	25.26
20	QPSK	1	99	25.15	25.31	25.13
20	QPSK	50	0	24.30	24.46	24.34
20	QPSK	50	24	24.19	24.44	24.21
20	QPSK	50	50	24.15	24.39	24.20
20	QPSK	100	0	24.27	24.36	24.24
20	16QAM	1	0	24.28	24.39	24.14
20	16QAM	1	49	24.32	24.31	24.25
20	16QAM	1	99	24.26	24.38	24.07
20	16QAM	50	0	23.33	23.45	23.28
20	16QAM	50	24	23.28	23.38	23.21
20	16QAM	50	50	23.17	23.40	23.23
20	16QAM	100	0	23.21	23.43	23.13
20	64QAM	1	0	23.20	23.39	23.20
20	64QAM	1	49	23.24	23.33	23.30
20	64QAM	1	99	23.31	23.36	23.25
20	64QAM	50	0	22.26	22.41	22.35
20	64QAM	50	24	22.34	22.40	22.41
20	64QAM	50	50	22.35	22.36	22.19
20	64QAM	100	0	22.28	22.39	22.26



LTE Band 41 (Power Class 2)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39725	40620	41515
Frequency (MHz)				2503.5	2593	2682.5
15	QPSK	1	0	25.32	25.42	25.25
15	QPSK	1	37	25.26	25.38	25.17
15	QPSK	1	74	25.25	25.27	25.24
15	QPSK	36	0	24.30	24.44	24.39
15	QPSK	36	20	24.25	24.19	24.30
15	QPSK	36	39	24.18	24.37	24.29
15	QPSK	75	0	24.25	24.39	24.30
15	16QAM	1	0	24.21	24.40	24.15
15	16QAM	1	37	24.40	24.36	24.28
15	16QAM	1	74	24.49	24.42	24.24
15	16QAM	36	0	23.23	23.39	23.30
15	16QAM	36	20	23.24	23.37	23.22
15	16QAM	36	39	23.38	23.23	23.17
15	16QAM	75	0	23.39	23.29	23.23
15	64QAM	1	0	23.26	23.26	23.27
15	64QAM	1	37	23.36	23.19	23.36
15	64QAM	1	74	23.27	23.36	23.35
15	64QAM	36	0	22.30	22.36	22.33
15	64QAM	36	20	22.27	22.43	22.32
15	64QAM	36	39	22.35	22.22	22.39
15	64QAM	75	0	22.28	22.32	22.31



LTE Band 41 (Power Class 2)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39700	40620	41540
Frequency (MHz)				2501	2593	2685
10	QPSK	1	0	25.23	25.43	25.35
10	QPSK	1	25	25.27	25.40	25.09
10	QPSK	1	49	25.20	25.23	25.23
10	QPSK	25	0	24.22	24.41	24.26
10	QPSK	25	12	24.19	24.35	24.26
10	QPSK	25	25	24.33	24.42	24.29
10	QPSK	50	0	24.27	24.29	24.35
10	16QAM	1	0	24.29	24.27	24.42
10	16QAM	1	25	24.37	24.25	24.25
10	16QAM	1	49	24.20	24.19	24.14
10	16QAM	25	0	23.28	23.40	23.25
10	16QAM	25	12	23.20	23.39	23.11
10	16QAM	25	25	23.36	23.19	23.36
10	16QAM	50	0	23.31	23.13	23.45
10	64QAM	1	0	23.42	23.27	23.16
10	64QAM	1	25	23.25	23.43	23.41
10	64QAM	1	49	23.21	23.15	23.21
10	64QAM	25	0	22.42	22.36	22.38
10	64QAM	25	12	22.30	22.39	22.27
10	64QAM	25	25	22.31	22.40	22.35
10	64QAM	50	0	22.35	22.39	22.27



LTE Band 41 (Power Class 2)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39675	40620	41565
Frequency (MHz)				2498.5	2593	2687.5
5	QPSK	1	0	25.29	25.40	25.34
5	QPSK	1	12	25.32	25.22	25.28
5	QPSK	1	24	25.34	25.42	25.41
5	QPSK	12	0	24.23	24.48	24.20
5	QPSK	12	7	24.32	24.42	24.39
5	QPSK	12	13	24.28	24.34	24.32
5	QPSK	25	0	24.20	24.40	24.33
5	16QAM	1	0	24.40	24.47	24.30
5	16QAM	1	12	24.10	24.37	24.39
5	16QAM	1	24	24.48	24.41	24.07
5	16QAM	12	0	23.20	23.48	23.37
5	16QAM	12	7	23.39	23.22	23.31
5	16QAM	12	13	23.42	23.27	23.37
5	16QAM	25	0	23.22	23.25	23.38
5	64QAM	1	0	23.40	23.28	23.45
5	64QAM	1	12	23.46	23.43	23.31
5	64QAM	1	24	23.24	23.43	23.27
5	64QAM	12	0	22.30	22.41	22.21
5	64QAM	12	7	22.22	22.32	22.24
5	64QAM	12	13	22.22	22.44	22.30
5	64QAM	25	0	22.19	22.31	22.22



LTE Band 41 (Power Class 3)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39750	40620	41490
Frequency (MHz)				2506	2593	2680
20	QPSK	1	0	23.51	23.69	23.54
20	QPSK	1	49	23.44	23.63	23.55
20	QPSK	1	99	23.41	23.57	23.61
20	QPSK	50	0	22.69	22.82	22.60
20	QPSK	50	24	22.45	22.62	22.55
20	QPSK	50	50	22.50	22.67	22.70
20	QPSK	100	0	22.47	22.66	22.61
20	16QAM	1	0	22.73	22.75	22.40
20	16QAM	1	49	22.35	22.72	22.65
20	16QAM	1	99	21.57	22.59	22.48
20	16QAM	50	0	21.58	21.71	21.59
20	16QAM	50	24	21.66	21.67	21.63
20	16QAM	50	50	21.51	21.56	21.63
20	16QAM	100	0	21.49	21.61	21.62
20	64QAM	1	0	21.59	21.64	21.38
20	64QAM	1	49	21.69	21.61	21.46
20	64QAM	1	99	21.61	21.56	21.40
20	64QAM	50	0	20.60	20.75	20.81
20	64QAM	50	24	20.66	20.71	20.52
20	64QAM	50	50	20.52	20.65	20.56
20	64QAM	100	0	20.49	20.61	20.58



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	23.61	23.66	23.57
15	QPSK	1	37	23.52	23.61	23.56
15	QPSK	1	74	23.53	23.55	23.58
15	QPSK	36	0	22.43	22.72	22.73
15	QPSK	36	20	22.62	22.67	22.70
15	QPSK	36	39	22.40	22.50	22.50
15	QPSK	75	0	22.59	22.44	22.64
15	16QAM	1	0	22.41	22.39	22.33
15	16QAM	1	37	22.55	22.58	22.64
15	16QAM	1	74	22.50	22.38	22.32
15	16QAM	36	0	21.43	21.71	21.60
15	16QAM	36	20	21.59	21.53	21.48
15	16QAM	36	39	21.58	21.59	21.70
15	16QAM	75	0	21.61	21.60	21.60
15	64QAM	1	0	21.55	21.65	21.37
15	64QAM	1	37	21.52	21.46	21.29
15	64QAM	1	74	21.44	21.68	21.45
15	64QAM	36	0	20.79	20.65	20.71
15	64QAM	36	20	20.60	20.65	20.72
15	64QAM	36	39	20.59	20.46	20.52
15	64QAM	75	0	20.59	20.67	20.66





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	23.47	23.67	23.36
10	QPSK	1	25	23.54	23.59	23.61
10	QPSK	1	49	23.46	23.55	23.50
10	QPSK	25	0	22.71	22.80	22.58
10	QPSK	25	12	22.57	22.65	22.50
10	QPSK	25	25	22.44	22.47	22.48
10	QPSK	50	0	22.61	22.74	22.44
10	16QAM	1	0	22.57	22.64	22.50
10	16QAM	1	25	22.29	22.65	22.48
10	16QAM	1	49	22.63	22.35	22.51
10	16QAM	25	0	21.46	21.64	21.71
10	16QAM	25	12	21.59	21.60	21.49
10	16QAM	25	25	21.74	21.47	21.44
10	16QAM	50	0	21.61	21.41	21.50
10	64QAM	1	0	21.49	21.60	21.45
10	64QAM	1	25	21.62	21.59	21.53
10	64QAM	1	49	21.63	21.56	21.48
10	64QAM	25	0	20.56	20.68	20.69
10	64QAM	25	12	20.64	20.61	20.62
10	64QAM	25	25	20.54	20.37	20.59
10	64QAM	50	0	20.53	20.70	20.42



LTE Band 41 (Power Class 3)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39675	40620	41565
Frequency (MHz)				2498.5	2593	2687.5
5	QPSK	1	0	23.51	23.67	23.43
5	QPSK	1	12	23.44	23.59	23.57
5	QPSK	1	24	23.52	23.56	23.56
5	QPSK	12	0	22.52	22.68	22.68
5	QPSK	12	7	22.39	22.54	22.73
5	QPSK	12	13	22.47	22.49	22.54
5	QPSK	25	0	22.48	22.47	22.69
5	16QAM	1	0	22.57	22.63	22.48
5	16QAM	1	12	22.57	22.68	22.62
5	16QAM	1	24	22.53	22.55	22.51
5	16QAM	12	0	21.68	21.63	21.63
5	16QAM	12	7	21.54	21.33	21.54
5	16QAM	12	13	21.52	21.51	21.68
5	16QAM	25	0	21.35	21.38	21.36
5	64QAM	1	0	21.53	21.63	21.59
5	64QAM	1	12	21.74	21.61	21.53
5	64QAM	1	24	21.65	21.46	21.45
5	64QAM	12	0	20.60	20.62	20.70
5	64QAM	12	7	20.62	20.57	20.53
5	64QAM	12	13	20.56	20.58	20.53
5	64QAM	25	0	20.44	20.42	20.56



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	22.66	22.81	22.66
20	QPSK	1	49	22.56	22.58	22.55
20	QPSK	1	99	22.70	22.77	22.66
20	QPSK	50	0	21.76	21.84	21.81
20	QPSK	50	24	21.73	21.78	21.76
20	QPSK	50	50	21.65	21.61	21.75
20	QPSK	100	0	21.71	21.66	21.66
20	16QAM	1	0	21.74	21.86	21.81
20	16QAM	1	49	21.71	21.69	21.79
20	16QAM	1	99	21.67	21.90	21.77
20	16QAM	50	0	20.79	20.83	20.79
20	16QAM	50	24	20.65	20.80	20.85
20	16QAM	50	50	20.85	20.87	20.87
20	16QAM	100	0	20.66	20.72	20.73
20	64QAM	1	0	20.57	20.81	20.79
20	64QAM	1	49	20.88	20.85	20.82
20	64QAM	1	99	20.81	20.83	20.68
20	64QAM	50	0	19.65	19.85	19.73
20	64QAM	50	24	19.68	19.77	19.63
20	64QAM	50	50	19.72	19.72	19.88
20	64QAM	100	0	19.79	19.83	19.80



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				132047	132322	132597
Frequency (MHz)				1717.5	1745	1772.5
15	QPSK	1	0	22.72	22.77	22.78
15	QPSK	1	37	22.60	22.74	22.65
15	QPSK	1	74	22.67	22.66	22.57
15	QPSK	36	0	21.75	21.74	21.69
15	QPSK	36	20	21.84	21.88	21.80
15	QPSK	36	39	21.86	21.80	21.86
15	QPSK	75	0	21.65	21.67	21.68
15	16QAM	1	0	21.79	21.92	21.66
15	16QAM	1	37	21.74	21.56	21.79
15	16QAM	1	74	21.66	21.68	21.65
15	16QAM	36	0	20.85	20.72	20.95
15	16QAM	36	20	20.83	20.84	20.73
15	16QAM	36	39	20.79	20.73	20.76
15	16QAM	75	0	20.70	20.69	20.83
15	64QAM	1	0	20.83	20.61	20.51
15	64QAM	1	37	20.62	20.71	20.72
15	64QAM	1	74	20.70	20.73	20.66
15	64QAM	36	0	19.77	19.82	19.69
15	64QAM	36	20	19.69	19.81	19.95
15	64QAM	36	39	19.77	19.50	19.71
15	64QAM	75	0	19.89	19.75	19.74



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				132022	132322	132622
Frequency (MHz)				1715	1745	1775
10	QPSK	1	0	22.62	22.79	22.76
10	QPSK	1	25	22.73	22.57	22.63
10	QPSK	1	49	22.57	22.55	22.71
10	QPSK	25	0	21.86	21.78	21.89
10	QPSK	25	12	21.81	21.63	21.79
10	QPSK	25	25	21.67	21.70	21.76
10	QPSK	50	0	21.77	21.80	21.62
10	16QAM	1	0	21.86	21.79	21.56
10	16QAM	1	25	21.66	21.88	21.79
10	16QAM	1	49	21.60	21.65	21.82
10	16QAM	25	0	20.91	20.85	20.77
10	16QAM	25	12	20.74	20.81	20.89
10	16QAM	25	25	20.79	20.75	20.72
10	16QAM	50	0	20.84	20.85	20.82
10	64QAM	1	0	20.63	20.71	20.53
10	64QAM	1	25	20.70	20.69	20.62
10	64QAM	1	49	20.85	20.74	20.79
10	64QAM	25	0	19.65	19.88	19.65
10	64QAM	25	12	19.78	19.90	19.75
10	64QAM	25	25	19.55	19.61	19.78
10	64QAM	50	0	19.92	19.68	19.94



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	22.66	22.78	22.77
5	QPSK	1	12	22.69	22.63	22.61
5	QPSK	1	24	22.68	22.52	22.67
5	QPSK	12	0	21.82	21.83	21.87
5	QPSK	12	7	21.94	21.85	21.86
5	QPSK	12	13	21.82	21.53	21.71
5	QPSK	25	0	21.69	21.91	21.73
5	16QAM	1	0	21.81	21.84	21.65
5	16QAM	1	12	21.86	21.55	21.75
5	16QAM	1	24	21.82	21.72	21.89
5	16QAM	12	0	20.97	20.95	20.77
5	16QAM	12	7	20.60	20.51	20.83
5	16QAM	12	13	20.73	20.62	20.77
5	16QAM	25	0	20.67	20.58	20.88
5	64QAM	1	0	20.74	20.86	20.56
5	64QAM	1	12	20.69	20.77	20.74
5	64QAM	1	24	20.67	20.77	20.87
5	64QAM	12	0	19.95	19.62	19.58
5	64QAM	12	7	19.56	19.79	19.91
5	64QAM	12	13	19.64	19.61	19.86
5	64QAM	25	0	19.80	19.66	19.84



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	22.60	22.77	22.74
3	QPSK	1	8	22.55	22.62	22.72
3	QPSK	1	14	22.72	22.50	22.66
3	QPSK	8	0	21.76	21.77	21.89
3	QPSK	8	4	21.77	21.82	21.74
3	QPSK	8	7	21.73	21.85	21.82
3	QPSK	15	0	21.46	21.75	21.58
3	16QAM	1	0	21.70	21.85	21.91
3	16QAM	1	8	21.82	21.84	21.73
3	16QAM	1	14	21.89	21.75	21.68
3	16QAM	8	0	20.98	20.67	20.87
3	16QAM	8	4	20.77	20.85	20.87
3	16QAM	8	7	20.83	20.65	20.92
3	16QAM	15	0	20.70	20.60	20.95
3	64QAM	1	0	20.72	20.67	20.75
3	64QAM	1	8	20.66	20.85	20.67
3	64QAM	1	14	20.87	20.88	20.80
3	64QAM	8	0	19.80	19.88	19.71
3	64QAM	8	4	19.63	19.75	19.57
3	64QAM	8	7	19.79	19.69	19.89
3	64QAM	15	0	19.75	19.84	19.78



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				131979	132322	132665
Frequency (MHz)				1710.7	1745	1779.3
1.4	QPSK	1	0	22.68	22.79	22.68
1.4	QPSK	1	3	22.78	22.58	22.55
1.4	QPSK	1	5	22.70	22.60	22.74
1.4	QPSK	3	0	21.63	21.82	21.84
1.4	QPSK	3	1	21.68	21.88	21.81
1.4	QPSK	3	3	21.87	21.70	21.81
1.4	QPSK	6	0	21.50	21.59	21.82
1.4	16QAM	1	0	21.87	21.82	21.61
1.4	16QAM	1	3	21.67	21.84	21.86
1.4	16QAM	1	5	21.86	21.87	21.68
1.4	16QAM	3	0	20.81	20.84	20.78
1.4	16QAM	3	1	20.59	20.60	20.91
1.4	16QAM	3	3	20.76	20.66	20.74
1.4	16QAM	6	0	20.56	20.67	20.72
1.4	64QAM	1	0	20.66	20.60	20.78
1.4	64QAM	1	3	20.62	20.91	20.95
1.4	64QAM	1	5	20.77	20.73	20.56
1.4	64QAM	3	0	19.70	19.78	19.59
1.4	64QAM	3	1	19.67	19.71	19.80
1.4	64QAM	3	3	19.56	19.57	19.56
1.4	64QAM	6	0	19.75	19.59	19.81





LTE Band71						
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	22.60	22.63	22.58
20	QPSK	1	49	22.56	22.55	22.50
20	QPSK	1	99	22.53	22.51	22.57
20	QPSK	50	0	21.62	21.74	21.69
20	QPSK	50	24	21.57	21.64	21.52
20	QPSK	50	50	21.53	21.51	21.38
20	QPSK	100	0	21.56	21.65	21.57
20	16QAM	1	0	21.70	21.75	21.58
20	16QAM	1	49	21.54	21.58	21.58
20	16QAM	1	99	21.38	21.45	21.64
20	16QAM	50	0	20.62	20.64	20.81
20	16QAM	50	24	20.54	20.59	20.70
20	16QAM	50	50	20.56	20.41	20.70
20	16QAM	100	0	20.64	20.62	20.78
20	64QAM	1	0	20.68	20.65	20.59
20	64QAM	1	49	20.61	20.66	20.60
20	64QAM	1	99	20.59	20.76	20.66
20	64QAM	50	0	19.74	19.57	19.58
20	64QAM	50	24	19.43	19.61	19.48
20	64QAM	50	50	19.58	19.61	19.53
20	64QAM	100	0	19.73	19.55	19.59



LTE Band71						
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	22.54	22.59	22.50
15	QPSK	1	37	22.58	22.54	22.46
15	QPSK	1	74	22.57	22.28	22.53
15	QPSK	36	0	21.52	21.80	21.70
15	QPSK	36	20	21.72	21.68	21.70
15	QPSK	36	39	21.70	21.56	21.66
15	QPSK	75	0	21.39	21.43	21.61
15	16QAM	1	0	21.59	21.74	21.57
15	16QAM	1	37	21.64	21.48	21.50
15	16QAM	1	74	21.42	21.57	21.58
15	16QAM	36	0	20.55	20.44	20.60
15	16QAM	36	20	20.60	20.57	20.55
15	16QAM	36	39	20.58	20.58	20.66
15	16QAM	75	0	20.42	20.45	20.63
15	64QAM	1	0	20.64	20.54	20.39
15	64QAM	1	37	20.64	20.60	20.58
15	64QAM	1	74	20.47	20.79	20.54
15	64QAM	36	0	19.67	19.59	19.44
15	64QAM	36	20	19.63	19.55	19.77
15	64QAM	36	39	19.47	19.48	19.51
15	64QAM	75	0	19.61	19.54	19.68



LTE Band71						
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	22.59	22.61	22.58
10	QPSK	1	25	22.42	22.52	22.43
10	QPSK	1	49	22.47	22.51	22.52
10	QPSK	25	0	21.47	21.65	21.60
10	QPSK	25	12	21.79	21.46	21.66
10	QPSK	25	25	21.59	21.46	21.64
10	QPSK	50	0	21.55	21.62	21.59
10	16QAM	1	0	21.78	21.61	21.70
10	16QAM	1	25	21.75	21.56	21.59
10	16QAM	1	49	21.47	21.48	21.71
10	16QAM	25	0	20.74	20.62	20.81
10	16QAM	25	12	20.59	20.64	20.56
10	16QAM	25	25	20.62	20.58	20.45
10	16QAM	50	0	20.48	20.59	20.62
10	64QAM	1	0	20.65	20.67	20.38
10	64QAM	1	25	20.71	20.57	20.62
10	64QAM	1	49	20.49	20.66	20.53
10	64QAM	25	0	19.74	19.62	19.44
10	64QAM	25	12	19.46	19.49	19.73
10	64QAM	25	25	19.52	19.60	19.62
10	64QAM	50	0	19.74	19.46	19.51



LTE Band71						
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	22.56	22.59	22.55
5	QPSK	1	12	22.51	22.54	22.57
5	QPSK	1	24	22.42	22.45	22.50
5	QPSK	12	0	21.61	21.52	21.49
5	QPSK	12	7	21.45	21.60	21.53
5	QPSK	12	13	21.44	21.63	21.64
5	QPSK	25	0	21.48	21.69	21.56
5	16QAM	1	0	21.74	21.86	21.65
5	16QAM	1	12	21.64	21.44	21.51
5	16QAM	1	24	21.49	21.70	21.44
5	16QAM	12	0	20.59	20.75	20.73
5	16QAM	12	7	20.69	20.55	20.62
5	16QAM	12	13	20.60	20.50	20.51
5	16QAM	25	0	20.52	20.54	20.72
5	64QAM	1	0	20.61	20.54	20.62
5	64QAM	1	12	20.46	20.71	20.57
5	64QAM	1	24	20.48	20.59	20.40
5	64QAM	12	0	19.65	19.70	19.57
5	64QAM	12	7	19.43	19.60	19.48
5	64QAM	12	13	19.44	19.57	19.46
5	64QAM	25	0	19.72	19.66	19.41



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

LTE Band2				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	22.53	0.179	22.62	0.183	22.56	0.180
20	QPSK	1	49	22.57	0.181	22.56	0.180	22.49	0.177
20	QPSK	1	99	22.42	0.175	22.53	0.179	22.51	0.178
20	QPSK	50	0	21.59	0.144	21.76	0.150	21.75	0.150
20	QPSK	50	24	21.51	0.142	21.61	0.145	21.56	0.143
20	QPSK	50	50	21.61	0.145	21.63	0.146	21.51	0.142
20	QPSK	100	0	21.49	0.141	21.55	0.143	21.55	0.143
20	16QAM	1	0	21.65	0.146	21.75	0.150	21.65	0.146
20	16QAM	1	49	21.75	0.150	21.60	0.145	21.67	0.147
20	16QAM	1	99	21.72	0.149	21.56	0.143	21.66	0.147
20	16QAM	50	0	20.71	0.118	20.70	0.117	20.64	0.116
20	16QAM	50	24	20.56	0.114	20.66	0.116	20.60	0.115
20	16QAM	50	50	20.76	0.119	20.46	0.111	20.52	0.113
20	16QAM	100	0	20.53	0.113	20.73	0.118	20.80	0.120
20	64QAM	1	0	20.55	0.114	20.54	0.113	20.49	0.112
20	64QAM	1	49	20.58	0.114	20.62	0.115	20.48	0.112
20	64QAM	1	99	20.78	0.120	20.73	0.118	20.57	0.114
20	64QAM	50	0	19.54	0.090	19.73	0.094	19.55	0.090
20	64QAM	50	24	19.61	0.091	19.67	0.093	19.60	0.091
20	64QAM	50	50	19.58	0.091	19.58	0.091	19.47	0.089
20	64QAM	100	0	19.52	0.090	19.55	0.090	19.75	0.094



LTE Band2				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	22.54	0.179	22.59	0.182	22.58	0.181
15	QPSK	1	37	22.57	0.181	22.51	0.178	22.54	0.179
15	QPSK	1	74	22.51	0.178	22.50	0.178	22.40	0.174
15	QPSK	36	0	21.51	0.142	21.73	0.149	21.61	0.145
15	QPSK	36	20	21.64	0.146	21.50	0.141	21.56	0.143
15	QPSK	36	39	21.73	0.149	21.49	0.141	21.59	0.144
15	QPSK	75	0	21.55	0.143	21.66	0.147	21.55	0.143
15	16QAM	1	0	21.64	0.146	21.77	0.150	21.56	0.143
15	16QAM	1	37	21.72	0.149	21.53	0.142	21.76	0.150
15	16QAM	1	74	21.76	0.150	21.56	0.143	21.65	0.146
15	16QAM	36	0	20.58	0.114	20.65	0.116	20.66	0.116
15	16QAM	36	20	20.60	0.115	20.54	0.113	20.72	0.118
15	16QAM	36	39	20.81	0.121	20.59	0.115	20.70	0.117
15	16QAM	75	0	20.48	0.112	20.59	0.115	20.52	0.113
15	64QAM	1	0	20.57	0.114	20.53	0.113	20.46	0.111
15	64QAM	1	37	20.69	0.117	20.67	0.117	20.68	0.117
15	64QAM	1	74	20.62	0.115	20.59	0.115	20.56	0.114
15	64QAM	36	0	19.50	0.089	19.69	0.093	19.73	0.094
15	64QAM	36	20	19.47	0.089	19.56	0.090	19.59	0.091
15	64QAM	36	39	19.62	0.092	19.59	0.091	19.64	0.092
15	64QAM	75	0	19.70	0.093	19.62	0.092	19.74	0.094



LTE Band2				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	22.56	0.180	22.61	0.182	22.55	0.180
10	QPSK	1	25	22.50	0.178	22.51	0.178	22.57	0.181
10	QPSK	1	49	22.49	0.177	22.56	0.180	22.50	0.178
10	QPSK	25	0	21.69	0.148	21.78	0.151	21.62	0.145
10	QPSK	25	12	21.53	0.142	21.54	0.143	21.64	0.146
10	QPSK	25	25	21.53	0.142	21.48	0.141	21.56	0.143
10	QPSK	50	0	21.61	0.145	21.55	0.143	21.60	0.145
10	16QAM	1	0	21.81	0.152	21.68	0.147	21.57	0.144
10	16QAM	1	25	21.71	0.148	21.58	0.144	21.61	0.145
10	16QAM	1	49	21.60	0.145	21.60	0.145	21.53	0.142
10	16QAM	25	0	20.67	0.117	20.77	0.119	20.64	0.116
10	16QAM	25	12	20.69	0.117	20.74	0.119	20.56	0.114
10	16QAM	25	25	20.61	0.115	20.60	0.115	20.77	0.119
10	16QAM	50	0	20.75	0.119	20.67	0.117	20.69	0.117
10	64QAM	1	0	20.76	0.119	20.66	0.116	20.53	0.113
10	64QAM	1	25	20.58	0.114	20.71	0.118	20.75	0.119
10	64QAM	1	49	20.55	0.114	20.59	0.115	20.61	0.115
10	64QAM	25	0	19.57	0.091	19.66	0.092	19.53	0.090
10	64QAM	25	12	19.52	0.090	19.60	0.091	19.80	0.095
10	64QAM	25	25	19.64	0.092	19.56	0.090	19.53	0.090
10	64QAM	50	0	19.62	0.092	19.73	0.094	19.68	0.093



LTE Band2				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	22.52	0.179	22.60	0.182	22.55	0.180
5	QPSK	1	12	22.59	0.182	22.54	0.179	22.56	0.180
5	QPSK	1	24	22.47	0.177	22.51	0.178	22.58	0.181
5	QPSK	12	0	21.49	0.141	21.66	0.147	21.52	0.142
5	QPSK	12	7	21.74	0.149	21.49	0.141	21.54	0.143
5	QPSK	12	13	21.83	0.152	21.58	0.144	21.49	0.141
5	QPSK	25	0	21.59	0.144	21.74	0.149	21.72	0.149
5	16QAM	1	0	21.76	0.150	21.70	0.148	21.67	0.147
5	16QAM	1	12	21.68	0.147	21.56	0.143	21.68	0.147
5	16QAM	1	24	21.56	0.143	21.72	0.149	21.44	0.139
5	16QAM	12	0	20.70	0.117	20.61	0.115	20.73	0.118
5	16QAM	12	7	20.63	0.116	20.50	0.112	20.68	0.117
5	16QAM	12	13	20.79	0.120	20.73	0.118	20.63	0.116
5	16QAM	25	0	20.42	0.110	20.46	0.111	20.76	0.119
5	64QAM	1	0	20.75	0.119	20.71	0.118	20.55	0.114
5	64QAM	1	12	20.55	0.114	20.63	0.116	20.81	0.121
5	64QAM	1	24	20.74	0.119	20.60	0.115	20.49	0.112
5	64QAM	12	0	19.67	0.093	19.70	0.093	19.55	0.090
5	64QAM	12	7	19.70	0.093	19.80	0.095	19.63	0.092
5	64QAM	12	13	19.49	0.089	19.60	0.091	19.69	0.093
5	64QAM	25	0	19.77	0.095	19.74	0.094	19.59	0.091





LTE Band2				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	22.47	0.177	22.57	0.181	22.54	0.179
3	QPSK	1	8	22.51	0.178	22.50	0.178	22.40	0.174
3	QPSK	1	14	22.50	0.178	22.53	0.179	22.46	0.176
3	QPSK	8	0	21.74	0.149	21.61	0.145	21.55	0.143
3	QPSK	8	4	21.53	0.142	21.48	0.141	21.71	0.148
3	QPSK	8	7	21.83	0.152	21.44	0.139	21.50	0.141
3	QPSK	15	0	21.48	0.141	21.70	0.148	21.60	0.145
3	16QAM	1	0	21.78	0.151	21.66	0.147	21.56	0.143
3	16QAM	1	8	21.81	0.152	21.46	0.140	21.55	0.143
3	16QAM	1	14	21.43	0.139	21.70	0.148	21.54	0.143
3	16QAM	8	0	20.72	0.118	20.62	0.115	20.64	0.116
3	16QAM	8	4	20.74	0.119	20.66	0.116	20.61	0.115
3	16QAM	8	7	20.66	0.116	20.47	0.111	20.53	0.113
3	16QAM	15	0	20.59	0.115	20.46	0.111	20.65	0.116
3	64QAM	1	0	20.47	0.111	20.61	0.115	20.46	0.111
3	64QAM	1	8	20.49	0.112	20.69	0.117	20.52	0.113
3	64QAM	1	14	20.64	0.116	20.63	0.116	20.69	0.117
3	64QAM	8	0	19.55	0.090	19.48	0.089	19.51	0.089
3	64QAM	8	4	19.69	0.093	19.70	0.093	19.68	0.093
3	64QAM	8	7	19.46	0.088	19.37	0.086	19.43	0.088
3	64QAM	15	0	19.47	0.089	19.69	0.093	19.57	0.091



LTE Band2				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	22.53	0.179	22.56	0.180	22.53	0.179
1.4	QPSK	1	3	22.48	0.177	22.51	0.178	22.49	0.177
1.4	QPSK	1	5	22.47	0.177	22.54	0.179	22.54	0.179
1.4	QPSK	3	0	21.57	0.144	21.56	0.143	21.59	0.144
1.4	QPSK	3	1	21.77	0.150	21.73	0.149	21.55	0.143
1.4	QPSK	3	3	21.75	0.150	21.60	0.145	21.54	0.143
1.4	QPSK	6	0	21.57	0.144	21.80	0.151	21.65	0.146
1.4	16QAM	1	0	21.69	0.148	21.82	0.152	21.71	0.148
1.4	16QAM	1	3	21.75	0.150	21.69	0.148	21.64	0.146
1.4	16QAM	1	5	21.56	0.143	21.61	0.145	21.51	0.142
1.4	16QAM	3	0	20.72	0.118	20.78	0.120	20.83	0.121
1.4	16QAM	3	1	20.51	0.112	20.70	0.117	20.81	0.121
1.4	16QAM	3	3	20.68	0.117	20.56	0.114	20.54	0.113
1.4	16QAM	6	0	20.74	0.119	20.58	0.114	20.60	0.115
1.4	64QAM	1	0	20.69	0.117	20.51	0.112	20.60	0.115
1.4	64QAM	1	3	20.55	0.114	20.82	0.121	20.59	0.115
1.4	64QAM	1	5	20.45	0.111	20.82	0.121	20.40	0.110
1.4	64QAM	3	0	19.54	0.090	19.49	0.089	19.54	0.090
1.4	64QAM	3	1	19.57	0.091	19.81	0.096	19.78	0.095
1.4	64QAM	3	3	19.62	0.092	19.57	0.091	19.52	0.090
1.4	64QAM	6	0	19.56	0.090	19.68	0.093	19.62	0.092



LTE Band4				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	21.37	0.137	21.41	0.138	21.30	0.135
20	QPSK	1	49	21.36	0.137	21.38	0.137	21.24	0.133
20	QPSK	1	99	21.33	0.136	21.19	0.132	21.25	0.133
20	QPSK	50	0	20.45	0.111	20.49	0.112	20.28	0.107
20	QPSK	50	24	20.45	0.111	20.35	0.108	20.40	0.110
20	QPSK	50	50	20.29	0.107	20.24	0.106	20.42	0.110
20	QPSK	100	0	20.34	0.108	20.31	0.107	20.28	0.107
20	16QAM	1	0	20.49	0.112	20.48	0.112	20.47	0.111
20	16QAM	1	49	20.49	0.112	20.21	0.105	20.28	0.107
20	16QAM	1	99	20.43	0.110	20.40	0.110	20.29	0.107
20	16QAM	50	0	19.48	0.089	19.44	0.088	19.35	0.086
20	16QAM	50	24	19.38	0.087	19.32	0.086	19.32	0.086
20	16QAM	50	50	19.50	0.089	19.30	0.085	19.18	0.083
20	16QAM	100	0	19.45	0.088	19.39	0.087	19.36	0.086
20	64QAM	1	0	19.23	0.084	19.43	0.088	19.18	0.083
20	64QAM	1	49	19.20	0.083	19.34	0.086	19.53	0.090
20	64QAM	1	99	19.49	0.089	19.32	0.086	19.29	0.085
20	64QAM	50	0	18.39	0.069	18.27	0.067	18.34	0.068
20	64QAM	50	24	18.42	0.070	18.40	0.069	18.45	0.070
20	64QAM	50	50	18.21	0.066	18.31	0.068	18.16	0.065
20	64QAM	100	0	18.35	0.068	18.25	0.067	18.33	0.068



LTE Band4				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	21.33	0.136	21.38	0.137	21.35	0.136
15	QPSK	1	37	21.33	0.136	21.18	0.131	21.23	0.133
15	QPSK	1	74	21.27	0.134	21.31	0.135	21.18	0.131
15	QPSK	36	0	20.34	0.108	20.34	0.108	20.25	0.106
15	QPSK	36	20	20.35	0.108	20.44	0.111	20.33	0.108
15	QPSK	36	39	20.30	0.107	20.23	0.105	20.42	0.110
15	QPSK	75	0	20.22	0.105	20.20	0.105	20.23	0.105
15	16QAM	1	0	20.27	0.106	20.34	0.108	20.35	0.108
15	16QAM	1	37	20.40	0.110	20.41	0.110	20.44	0.111
15	16QAM	1	74	20.28	0.107	20.34	0.108	20.42	0.110
15	16QAM	36	0	19.29	0.085	19.39	0.087	19.34	0.086
15	16QAM	36	20	19.13	0.082	19.30	0.085	19.33	0.086
15	16QAM	36	39	19.38	0.087	19.34	0.086	19.37	0.086
15	16QAM	75	0	19.20	0.083	19.38	0.087	19.40	0.087
15	64QAM	1	0	19.30	0.085	19.26	0.084	19.22	0.084
15	64QAM	1	37	19.50	0.089	19.35	0.086	19.25	0.084
15	64QAM	1	74	19.40	0.087	19.31	0.085	19.34	0.086
15	64QAM	36	0	18.48	0.070	18.34	0.068	18.39	0.069
15	64QAM	36	20	18.39	0.069	18.52	0.071	18.37	0.069
15	64QAM	36	39	18.20	0.066	18.25	0.067	18.35	0.068
15	64QAM	75	0	18.26	0.067	18.21	0.066	18.47	0.070



LTE Band4				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	21.28	0.134	21.36	0.137	21.33	0.136
10	QPSK	1	25	21.30	0.135	21.34	0.136	21.19	0.132
10	QPSK	1	49	21.20	0.132	21.25	0.133	21.16	0.131
10	QPSK	25	0	20.26	0.106	20.43	0.110	20.38	0.109
10	QPSK	25	12	20.46	0.111	20.16	0.104	20.48	0.112
10	QPSK	25	25	20.23	0.105	20.31	0.107	20.21	0.105
10	QPSK	50	0	20.08	0.102	20.22	0.105	20.25	0.106
10	16QAM	1	0	20.42	0.110	20.47	0.111	20.39	0.109
10	16QAM	1	25	20.23	0.105	20.27	0.106	20.49	0.112
10	16QAM	1	49	20.47	0.111	20.37	0.109	20.39	0.109
10	16QAM	25	0	19.59	0.091	19.43	0.088	19.36	0.086
10	16QAM	25	12	19.39	0.087	19.39	0.087	19.43	0.088
10	16QAM	25	25	19.35	0.086	19.34	0.086	19.45	0.088
10	16QAM	50	0	19.32	0.086	19.34	0.086	19.36	0.086
10	64QAM	1	0	19.28	0.085	19.32	0.086	19.27	0.085
10	64QAM	1	25	19.45	0.088	19.47	0.089	19.49	0.089
10	64QAM	1	49	19.42	0.087	19.36	0.086	19.14	0.082
10	64QAM	25	0	18.44	0.070	18.26	0.067	18.31	0.068
10	64QAM	25	12	18.24	0.067	18.27	0.067	18.44	0.070
10	64QAM	25	25	18.35	0.068	18.26	0.067	18.18	0.066
10	64QAM	50	0	18.46	0.070	18.42	0.070	18.30	0.068



LTE Band4				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	21.30	0.135	21.37	0.137	21.26	0.134
5	QPSK	1	12	21.32	0.136	21.36	0.137	21.19	0.132
5	QPSK	1	24	21.30	0.135	21.24	0.133	21.22	0.132
5	QPSK	12	0	20.24	0.106	20.48	0.112	20.34	0.108
5	QPSK	12	7	20.47	0.111	20.27	0.106	20.21	0.105
5	QPSK	12	13	20.29	0.107	20.17	0.104	20.19	0.104
5	QPSK	25	0	20.31	0.107	20.36	0.109	20.42	0.110
5	16QAM	1	0	20.42	0.110	20.35	0.108	20.30	0.107
5	16QAM	1	12	20.41	0.110	20.37	0.109	20.37	0.109
5	16QAM	1	24	20.47	0.111	20.18	0.104	20.38	0.109
5	16QAM	12	0	19.47	0.089	19.41	0.087	19.35	0.086
5	16QAM	12	7	19.24	0.084	19.40	0.087	19.34	0.086
5	16QAM	12	13	19.24	0.084	19.18	0.083	19.15	0.082
5	16QAM	25	0	19.11	0.081	19.33	0.086	19.22	0.084
5	64QAM	1	0	19.21	0.083	19.26	0.084	19.23	0.084
5	64QAM	1	12	19.25	0.084	19.40	0.087	19.25	0.084
5	64QAM	1	24	19.34	0.086	19.42	0.087	19.14	0.082
5	64QAM	12	0	18.40	0.069	18.48	0.070	18.25	0.067
5	64QAM	12	7	18.36	0.069	18.25	0.067	18.31	0.068
5	64QAM	12	13	18.27	0.067	18.25	0.067	18.27	0.067
5	64QAM	25	0	18.37	0.069	18.24	0.067	18.26	0.067



LTE Band4				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	21.23	0.133	21.35	0.136	21.35	0.136
3	QPSK	1	8	21.28	0.134	21.27	0.134	21.30	0.135
3	QPSK	1	14	21.27	0.134	21.35	0.136	21.28	0.134
3	QPSK	8	0	20.35	0.108	20.49	0.112	20.32	0.108
3	QPSK	8	4	20.26	0.106	20.19	0.104	20.47	0.111
3	QPSK	8	7	20.30	0.107	20.35	0.108	20.21	0.105
3	QPSK	15	0	20.22	0.105	20.36	0.109	20.24	0.106
3	16QAM	1	0	20.55	0.114	20.56	0.114	20.30	0.107
3	16QAM	1	8	20.29	0.107	20.41	0.110	20.54	0.113
3	16QAM	1	14	20.24	0.106	20.24	0.106	20.42	0.110
3	16QAM	8	0	19.33	0.086	19.44	0.088	19.32	0.086
3	16QAM	8	4	19.22	0.084	19.36	0.086	19.36	0.086
3	16QAM	8	7	19.36	0.086	19.35	0.086	19.17	0.083
3	16QAM	15	0	19.31	0.085	19.41	0.087	19.48	0.089
3	64QAM	1	0	19.14	0.082	19.20	0.083	19.25	0.084
3	64QAM	1	8	19.21	0.083	19.45	0.088	19.22	0.084
3	64QAM	1	14	19.46	0.088	19.44	0.088	19.24	0.084
3	64QAM	8	0	18.22	0.066	18.38	0.069	18.23	0.067
3	64QAM	8	4	18.25	0.067	18.51	0.071	18.34	0.068
3	64QAM	8	7	18.26	0.067	18.30	0.068	18.13	0.065
3	64QAM	15	0	18.45	0.070	18.43	0.070	18.52	0.071



LTE Band4				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	21.33	0.136	21.36	0.137	21.21	0.132
1.4	QPSK	1	3	21.34	0.136	21.27	0.134	21.32	0.136
1.4	QPSK	1	5	21.25	0.133	21.28	0.134	21.18	0.131
1.4	QPSK	3	0	20.21	0.105	20.35	0.108	20.51	0.112
1.4	QPSK	3	1	20.35	0.108	20.33	0.108	20.55	0.114
1.4	QPSK	3	3	20.55	0.114	20.30	0.107	20.28	0.107
1.4	QPSK	6	0	20.14	0.103	20.42	0.110	20.44	0.111
1.4	16QAM	1	0	20.38	0.109	20.52	0.113	20.33	0.108
1.4	16QAM	1	3	20.32	0.108	20.22	0.105	20.31	0.107
1.4	16QAM	1	5	20.29	0.107	20.29	0.107	20.31	0.107
1.4	16QAM	3	0	19.45	0.088	19.25	0.084	19.37	0.086
1.4	16QAM	3	1	19.27	0.085	19.38	0.087	19.49	0.089
1.4	16QAM	3	3	19.27	0.085	19.33	0.086	19.17	0.083
1.4	16QAM	6	0	19.27	0.085	19.29	0.085	19.38	0.087
1.4	64QAM	1	0	19.32	0.086	19.21	0.083	19.27	0.085
1.4	64QAM	1	3	19.27	0.085	19.28	0.085	19.53	0.090
1.4	64QAM	1	5	19.28	0.085	19.42	0.087	19.34	0.086
1.4	64QAM	3	0	18.23	0.067	18.41	0.069	18.25	0.067
1.4	64QAM	3	1	18.29	0.067	18.21	0.066	18.45	0.070
1.4	64QAM	3	3	18.37	0.069	18.23	0.067	18.26	0.067
1.4	64QAM	6	0	18.42	0.070	18.27	0.067	18.20	0.066





LTE Band5				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	19.27	0.085	19.33	0.086	19.29	0.085
10	QPSK	1	25	19.23	0.084	19.09	0.081	19.15	0.082
10	QPSK	1	49	19.15	0.082	19.04	0.080	19.14	0.082
10	QPSK	25	0	18.09	0.064	18.32	0.068	18.29	0.067
10	QPSK	25	12	18.24	0.067	18.28	0.067	18.26	0.067
10	QPSK	25	25	18.30	0.068	18.19	0.066	18.29	0.067
10	QPSK	50	0	18.10	0.065	18.21	0.066	18.26	0.067
10	16QAM	1	0	18.23	0.067	18.28	0.067	18.26	0.067
10	16QAM	1	25	18.34	0.068	18.30	0.068	18.27	0.067
10	16QAM	1	49	18.33	0.068	18.19	0.066	18.20	0.066
10	16QAM	25	0	17.27	0.053	17.35	0.054	17.34	0.054
10	16QAM	25	12	17.20	0.052	17.08	0.051	17.30	0.054
10	16QAM	25	25	17.20	0.052	17.16	0.052	17.21	0.053
10	16QAM	50	0	17.30	0.054	17.20	0.052	17.21	0.053
10	64QAM	1	0	17.18	0.052	17.26	0.053	17.15	0.052
10	64QAM	1	25	17.31	0.054	17.26	0.053	17.14	0.052
10	64QAM	1	49	17.31	0.054	17.28	0.053	17.22	0.053
10	64QAM	25	0	16.36	0.043	16.21	0.042	16.21	0.042
10	64QAM	25	12	16.31	0.043	16.32	0.043	16.34	0.043
10	64QAM	25	25	16.27	0.042	16.11	0.041	16.17	0.041
10	64QAM	50	0	16.24	0.042	16.33	0.043	16.31	0.043



LTE Band5				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	19.24	0.084	19.30	0.085	19.23	0.084
5	QPSK	1	12	19.25	0.084	19.10	0.081	19.01	0.080
5	QPSK	1	24	19.09	0.081	19.21	0.083	19.25	0.084
5	QPSK	12	0	18.25	0.067	18.31	0.068	18.23	0.067
5	QPSK	12	7	18.23	0.067	18.30	0.068	18.19	0.066
5	QPSK	12	13	18.24	0.067	18.03	0.064	18.19	0.066
5	QPSK	25	0	18.10	0.065	18.16	0.065	18.36	0.069
5	16QAM	1	0	18.20	0.066	18.27	0.067	18.32	0.068
5	16QAM	1	12	18.36	0.069	18.33	0.068	18.22	0.066
5	16QAM	1	24	18.21	0.066	18.12	0.065	18.19	0.066
5	16QAM	12	0	17.23	0.053	17.16	0.052	17.18	0.052
5	16QAM	12	7	17.06	0.051	17.14	0.052	17.19	0.052
5	16QAM	12	13	17.20	0.052	17.23	0.053	17.28	0.053
5	16QAM	25	0	17.08	0.051	17.28	0.053	17.17	0.052
5	64QAM	1	0	17.20	0.052	17.31	0.054	17.21	0.053
5	64QAM	1	12	17.20	0.052	17.28	0.053	17.17	0.052
5	64QAM	1	24	17.28	0.053	17.19	0.052	17.36	0.054
5	64QAM	12	0	16.34	0.043	16.22	0.042	16.27	0.042
5	64QAM	12	7	16.19	0.042	16.29	0.043	16.22	0.042
5	64QAM	12	13	16.16	0.041	16.11	0.041	16.20	0.042
5	64QAM	25	0	16.33	0.043	16.20	0.042	16.28	0.042



LTE Band5				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20415		20525		20635	
Frequency (MHz)				825.5		836.5		847.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	19.08	0.081	19.30	0.085	19.13	0.082
3	QPSK	1	8	19.01	0.080	19.27	0.085	19.07	0.081
3	QPSK	1	14	19.06	0.081	19.21	0.083	19.24	0.084
3	QPSK	8	0	18.08	0.064	18.26	0.067	18.36	0.069
3	QPSK	8	4	18.35	0.068	18.29	0.067	18.32	0.068
3	QPSK	8	7	18.17	0.066	18.25	0.067	18.33	0.068
3	QPSK	15	0	18.30	0.068	18.26	0.067	18.37	0.069
3	16QAM	1	0	18.25	0.067	18.37	0.069	18.32	0.068
3	16QAM	1	8	18.24	0.067	18.22	0.066	18.23	0.067
3	16QAM	1	14	18.33	0.068	18.20	0.066	18.19	0.066
3	16QAM	8	0	17.33	0.054	17.22	0.053	17.40	0.055
3	16QAM	8	4	17.30	0.054	17.04	0.051	17.26	0.053
3	16QAM	8	7	17.22	0.053	17.17	0.052	17.16	0.052
3	16QAM	15	0	17.19	0.052	17.32	0.054	17.36	0.054
3	64QAM	1	0	17.31	0.054	17.40	0.055	17.13	0.052
3	64QAM	1	8	17.12	0.052	17.33	0.054	17.28	0.053
3	64QAM	1	14	17.19	0.052	17.30	0.054	17.06	0.051
3	64QAM	8	0	16.27	0.042	16.09	0.041	16.24	0.042
3	64QAM	8	4	16.39	0.044	16.29	0.043	16.24	0.042
3	64QAM	8	7	15.98	0.040	16.19	0.042	16.39	0.044
3	64QAM	15	0	16.22	0.042	16.21	0.042	16.19	0.042



LTE Band5				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	19.08	0.081	19.28	0.085	19.25	0.084
1.4	QPSK	1	3	19.26	0.084	19.08	0.081	19.18	0.083
1.4	QPSK	1	5	19.06	0.081	19.04	0.080	19.26	0.084
1.4	QPSK	3	0	18.37	0.069	18.33	0.068	18.24	0.067
1.4	QPSK	3	1	18.32	0.068	18.28	0.067	18.23	0.067
1.4	QPSK	3	3	18.31	0.068	18.23	0.067	18.30	0.068
1.4	QPSK	6	0	18.13	0.065	18.25	0.067	18.19	0.066
1.4	16QAM	1	0	18.38	0.069	18.26	0.067	18.18	0.066
1.4	16QAM	1	3	18.39	0.069	18.32	0.068	18.30	0.068
1.4	16QAM	1	5	18.34	0.068	18.31	0.068	18.32	0.068
1.4	16QAM	3	0	17.26	0.053	17.34	0.054	17.33	0.054
1.4	16QAM	3	1	17.34	0.054	17.26	0.053	17.24	0.053
1.4	16QAM	3	3	17.38	0.055	17.31	0.054	17.40	0.055
1.4	16QAM	6	0	17.10	0.051	17.17	0.052	17.25	0.053
1.4	64QAM	1	0	17.26	0.053	17.13	0.052	17.13	0.052
1.4	64QAM	1	3	17.23	0.053	17.31	0.054	17.30	0.054
1.4	64QAM	1	5	17.17	0.052	17.34	0.054	17.19	0.052
1.4	64QAM	3	0	16.25	0.042	16.29	0.043	16.32	0.043
1.4	64QAM	3	1	16.27	0.042	16.25	0.042	16.24	0.042
1.4	64QAM	3	3	16.28	0.042	16.25	0.042	16.34	0.043
1.4	64QAM	6	0	16.17	0.041	16.28	0.042	16.29	0.043



LTE Band7				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	22.03	0.160	22.09	0.162	21.98	0.158
20	QPSK	1	49	21.81	0.152	21.96	0.157	21.91	0.155
20	QPSK	1	99	21.95	0.157	21.86	0.153	21.93	0.156
20	QPSK	50	0	21.03	0.127	21.16	0.131	21.12	0.129
20	QPSK	50	24	20.96	0.125	20.80	0.120	20.94	0.124
20	QPSK	50	50	21.02	0.126	20.91	0.123	20.86	0.122
20	QPSK	100	0	20.89	0.123	20.87	0.122	20.85	0.122
20	16QAM	1	0	21.19	0.132	21.14	0.130	20.91	0.123
20	16QAM	1	49	20.97	0.125	20.93	0.124	21.04	0.127
20	16QAM	1	99	21.01	0.126	20.86	0.122	21.04	0.127
20	16QAM	50	0	19.91	0.098	20.07	0.102	20.08	0.102
20	16QAM	50	24	19.80	0.095	19.92	0.098	20.03	0.101
20	16QAM	50	50	19.95	0.099	19.75	0.094	19.85	0.097
20	16QAM	100	0	20.06	0.101	19.81	0.096	19.95	0.099
20	64QAM	1	0	20.10	0.102	19.82	0.096	19.98	0.100
20	64QAM	1	49	19.80	0.095	20.06	0.101	20.02	0.100
20	64QAM	1	99	20.03	0.101	20.02	0.100	19.93	0.098
20	64QAM	50	0	19.01	0.080	19.05	0.080	18.96	0.079
20	64QAM	50	24	19.09	0.081	19.13	0.082	19.10	0.081
20	64QAM	50	50	18.93	0.078	18.98	0.079	18.88	0.077
20	64QAM	100	0	18.81	0.076	18.93	0.078	18.98	0.079



LTE Band7				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	21.96	0.157	22.05	0.160	21.87	0.154
15	QPSK	1	37	21.89	0.155	21.99	0.158	21.90	0.155
15	QPSK	1	74	21.76	0.150	21.88	0.154	21.75	0.150
15	QPSK	36	0	21.03	0.127	21.01	0.126	21.04	0.127
15	QPSK	36	20	21.02	0.126	20.87	0.122	21.10	0.129
15	QPSK	36	39	21.11	0.129	21.03	0.127	21.04	0.127
15	QPSK	75	0	20.69	0.117	20.87	0.122	21.06	0.128
15	16QAM	1	0	21.18	0.131	21.15	0.130	21.00	0.126
15	16QAM	1	37	20.97	0.125	20.91	0.123	21.08	0.128
15	16QAM	1	74	20.76	0.119	21.08	0.128	20.97	0.125
15	16QAM	36	0	20.01	0.100	19.85	0.097	20.03	0.101
15	16QAM	36	20	19.84	0.096	20.01	0.100	20.13	0.103
15	16QAM	36	39	19.92	0.098	19.75	0.094	19.77	0.095
15	16QAM	75	0	19.93	0.098	19.93	0.098	20.04	0.101
15	64QAM	1	0	19.97	0.099	19.79	0.095	19.83	0.096
15	64QAM	1	37	19.82	0.096	20.01	0.100	20.02	0.100
15	64QAM	1	74	20.07	0.102	20.15	0.104	19.76	0.095
15	64QAM	36	0	19.13	0.082	18.84	0.077	18.81	0.076
15	64QAM	36	20	19.06	0.081	19.08	0.081	18.87	0.077
15	64QAM	36	39	18.92	0.078	18.82	0.076	19.00	0.079
15	64QAM	75	0	19.09	0.081	18.87	0.077	18.84	0.077



LTE Band7				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	21.94	0.156	22.06	0.161	21.94	0.156
10	QPSK	1	25	21.82	0.152	22.08	0.161	21.84	0.153
10	QPSK	1	49	21.91	0.155	21.84	0.153	21.96	0.157
10	QPSK	25	0	20.86	0.122	20.88	0.122	21.14	0.130
10	QPSK	25	12	20.89	0.123	20.87	0.122	21.00	0.126
10	QPSK	25	25	20.89	0.123	20.94	0.124	20.95	0.124
10	QPSK	50	0	20.87	0.122	20.96	0.125	20.74	0.119
10	16QAM	1	0	21.06	0.128	20.92	0.124	21.04	0.127
10	16QAM	1	25	20.86	0.122	20.78	0.120	20.89	0.123
10	16QAM	1	49	20.74	0.119	20.86	0.122	20.80	0.120
10	16QAM	25	0	19.90	0.098	19.95	0.099	20.07	0.102
10	16QAM	25	12	20.06	0.101	19.90	0.098	19.90	0.098
10	16QAM	25	25	19.84	0.096	19.84	0.096	19.76	0.095
10	16QAM	50	0	20.06	0.101	19.93	0.098	19.89	0.097
10	64QAM	1	0	19.86	0.097	19.94	0.099	19.93	0.098
10	64QAM	1	25	19.94	0.099	20.11	0.103	20.02	0.100
10	64QAM	1	49	20.04	0.101	20.00	0.100	19.98	0.100
10	64QAM	25	0	18.82	0.076	18.86	0.077	18.86	0.077
10	64QAM	25	12	19.01	0.080	19.00	0.079	19.10	0.081
10	64QAM	25	25	18.76	0.075	18.92	0.078	18.87	0.077
10	64QAM	50	0	19.04	0.080	19.07	0.081	18.87	0.077



LTE Band7				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	21.87	0.154	22.07	0.161	21.95	0.157
5	QPSK	1	12	21.94	0.156	21.92	0.156	21.87	0.154
5	QPSK	1	24	21.89	0.155	21.86	0.153	21.79	0.151
5	QPSK	12	0	20.96	0.125	21.12	0.129	21.06	0.128
5	QPSK	12	7	20.92	0.124	20.90	0.123	21.04	0.127
5	QPSK	12	13	21.13	0.130	20.80	0.120	20.89	0.123
5	QPSK	25	0	20.85	0.122	20.90	0.123	20.88	0.122
5	16QAM	1	0	21.00	0.126	20.96	0.125	20.79	0.120
5	16QAM	1	12	21.08	0.128	20.83	0.121	20.97	0.125
5	16QAM	1	24	20.77	0.119	20.79	0.120	21.07	0.128
5	16QAM	12	0	20.16	0.104	19.90	0.098	20.06	0.101
5	16QAM	12	7	19.83	0.096	19.90	0.098	19.99	0.100
5	16QAM	12	13	20.06	0.101	19.99	0.100	20.09	0.102
5	16QAM	25	0	19.86	0.097	19.87	0.097	19.84	0.096
5	64QAM	1	0	19.98	0.100	20.02	0.100	19.97	0.099
5	64QAM	1	12	19.96	0.099	20.01	0.100	19.99	0.100
5	64QAM	1	24	20.11	0.103	20.15	0.104	20.02	0.100
5	64QAM	12	0	18.97	0.079	18.95	0.079	19.01	0.080
5	64QAM	12	7	18.76	0.075	18.84	0.077	18.95	0.079
5	64QAM	12	13	18.83	0.076	19.01	0.080	18.92	0.078
5	64QAM	25	0	18.94	0.078	19.02	0.080	18.81	0.076





LTE Band 12				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23060		23095		23130	
Frequency (MHz)				704		707.5		711	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	19.63	0.092	19.67	0.093	19.58	0.091
10	QPSK	1	25	19.44	0.088	19.54	0.090	19.42	0.087
10	QPSK	1	49	19.61	0.091	19.58	0.091	19.57	0.091
10	QPSK	25	0	18.71	0.074	18.76	0.075	18.67	0.074
10	QPSK	25	12	18.53	0.071	18.59	0.072	18.57	0.072
10	QPSK	25	25	18.70	0.074	18.73	0.075	18.53	0.071
10	QPSK	50	0	18.41	0.069	18.61	0.073	18.47	0.070
10	16QAM	1	0	18.72	0.074	18.74	0.075	18.69	0.074
10	16QAM	1	25	18.63	0.073	18.67	0.074	18.86	0.077
10	16QAM	1	49	18.48	0.070	18.67	0.074	18.78	0.076
10	16QAM	25	0	17.64	0.058	17.73	0.059	17.70	0.059
10	16QAM	25	12	17.68	0.059	17.61	0.058	17.62	0.058
10	16QAM	25	25	17.73	0.059	17.50	0.056	17.47	0.056
10	16QAM	50	0	17.71	0.059	17.53	0.057	17.52	0.056
10	64QAM	1	0	17.45	0.056	17.73	0.059	17.65	0.058
10	64QAM	1	25	17.69	0.059	17.76	0.060	17.53	0.057
10	64QAM	1	49	17.60	0.058	17.74	0.059	17.69	0.059
10	64QAM	25	0	16.63	0.046	16.73	0.047	16.63	0.046
10	64QAM	25	12	16.52	0.045	16.60	0.046	16.76	0.047
10	64QAM	25	25	16.43	0.044	16.44	0.044	16.76	0.047
10	64QAM	50	0	16.55	0.045	16.47	0.044	16.55	0.045



LTE Band 12				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23035		23095		23155	
Frequency (MHz)				701.5		707.5		713.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	19.58	0.091	19.62	0.092	19.57	0.091
5	QPSK	1	12	19.62	0.092	19.53	0.090	19.49	0.089
5	QPSK	1	24	19.57	0.091	19.58	0.091	19.40	0.087
5	QPSK	12	0	18.61	0.073	18.57	0.072	18.79	0.076
5	QPSK	12	7	18.60	0.072	18.53	0.071	18.54	0.071
5	QPSK	12	13	18.68	0.074	18.69	0.074	18.64	0.073
5	QPSK	25	0	18.50	0.071	18.73	0.075	18.74	0.075
5	16QAM	1	0	18.79	0.076	18.87	0.077	18.53	0.071
5	16QAM	1	12	18.58	0.072	18.69	0.074	18.61	0.073
5	16QAM	1	24	18.65	0.073	18.64	0.073	18.65	0.073
5	16QAM	12	0	17.87	0.061	17.79	0.060	17.66	0.058
5	16QAM	12	7	17.48	0.056	17.74	0.059	17.66	0.058
5	16QAM	12	13	17.80	0.060	17.65	0.058	17.74	0.059
5	16QAM	25	0	17.60	0.058	17.51	0.056	17.78	0.060
5	64QAM	1	0	17.73	0.059	17.71	0.059	17.44	0.055
5	64QAM	1	12	17.80	0.060	17.73	0.059	17.73	0.059
5	64QAM	1	24	17.64	0.058	17.75	0.060	17.54	0.057
5	64QAM	12	0	16.81	0.048	16.58	0.045	16.45	0.044
5	64QAM	12	7	16.50	0.045	16.76	0.047	16.83	0.048
5	64QAM	12	13	16.45	0.044	16.63	0.046	16.57	0.045
5	64QAM	25	0	16.64	0.046	16.74	0.047	16.68	0.047



LTE Band 12				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23025		23095		23165	
Frequency (MHz)				700.5		707.5		714.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	19.59	0.091	19.61	0.091	19.55	0.090
3	QPSK	1	8	19.54	0.090	19.48	0.089	19.44	0.088
3	QPSK	1	14	19.52	0.090	19.53	0.090	19.49	0.089
3	QPSK	8	0	18.48	0.070	18.71	0.074	18.68	0.074
3	QPSK	8	4	18.57	0.072	18.66	0.073	18.60	0.072
3	QPSK	8	7	18.56	0.072	18.61	0.073	18.55	0.072
3	QPSK	15	0	18.38	0.069	18.54	0.071	18.46	0.070
3	16QAM	1	0	18.68	0.074	18.75	0.075	18.56	0.072
3	16QAM	1	8	18.81	0.076	18.67	0.074	18.57	0.072
3	16QAM	1	14	18.48	0.070	18.77	0.075	18.45	0.070
3	16QAM	8	0	17.62	0.058	17.60	0.058	17.73	0.059
3	16QAM	8	4	17.64	0.058	17.57	0.057	17.65	0.058
3	16QAM	8	7	17.78	0.060	17.67	0.058	17.52	0.056
3	16QAM	15	0	17.55	0.057	17.64	0.058	17.74	0.059
3	64QAM	1	0	17.51	0.056	17.71	0.059	17.44	0.055
3	64QAM	1	8	17.62	0.058	17.64	0.058	17.70	0.059
3	64QAM	1	14	17.56	0.057	17.63	0.058	17.64	0.058
3	64QAM	8	0	16.59	0.046	16.63	0.046	16.50	0.045
3	64QAM	8	4	16.63	0.046	16.55	0.045	16.78	0.048
3	64QAM	8	7	16.41	0.044	16.43	0.044	16.51	0.045
3	64QAM	15	0	16.74	0.047	16.61	0.046	16.50	0.045



LTE Band 12				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23017		23095		23173	
Frequency (MHz)				699.7		707.5		715.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	19.54	0.090	19.64	0.092	19.55	0.090
1.4	QPSK	1	3	19.60	0.091	19.54	0.090	19.39	0.087
1.4	QPSK	1	5	19.56	0.090	19.45	0.088	19.54	0.090
1.4	QPSK	3	0	18.60	0.072	18.72	0.074	18.78	0.076
1.4	QPSK	3	1	18.71	0.074	18.61	0.073	18.68	0.074
1.4	QPSK	3	3	18.72	0.074	18.41	0.069	18.42	0.070
1.4	QPSK	6	0	18.51	0.071	18.72	0.074	18.42	0.070
1.4	16QAM	1	0	18.62	0.073	18.68	0.074	18.56	0.072
1.4	16QAM	1	3	18.72	0.074	18.63	0.073	18.58	0.072
1.4	16QAM	1	5	18.66	0.073	18.70	0.074	18.70	0.074
1.4	16QAM	3	0	17.65	0.058	17.60	0.058	17.70	0.059
1.4	16QAM	3	1	17.56	0.057	17.58	0.057	17.76	0.060
1.4	16QAM	3	3	17.67	0.058	17.63	0.058	17.46	0.056
1.4	16QAM	6	0	17.48	0.056	17.52	0.056	17.64	0.058
1.4	64QAM	1	0	17.45	0.056	17.75	0.060	17.46	0.056
1.4	64QAM	1	3	17.57	0.057	17.63	0.058	17.71	0.059
1.4	64QAM	1	5	17.53	0.057	17.75	0.060	17.71	0.059
1.4	64QAM	3	0	16.74	0.047	16.52	0.045	16.48	0.044
1.4	64QAM	3	1	16.54	0.045	16.84	0.048	16.64	0.046
1.4	64QAM	3	3	16.39	0.044	16.62	0.046	16.78	0.048
1.4	64QAM	6	0	16.66	0.046	16.52	0.045	16.70	0.047



LTE Band 13				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				/		23230		/	
Frequency (MHz)				/		782		/	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	/	/	19.62	0.092	/	/
10	QPSK	1	25	/	/	19.58	0.091	/	/
10	QPSK	1	49	/	/	19.53	0.090	/	/
10	QPSK	25	0	/	/	18.81	0.076	/	/
10	QPSK	25	12	/	/	18.65	0.073	/	/
10	QPSK	25	25	/	/	18.54	0.071	/	/
10	QPSK	50	0	/	/	18.72	0.074	/	/
10	16QAM	1	0	/	/	18.67	0.074	/	/
10	16QAM	1	25	/	/	18.76	0.075	/	/
10	16QAM	1	49	/	/	18.69	0.074	/	/
10	16QAM	25	0	/	/	17.75	0.060	/	/
10	16QAM	25	12	/	/	17.70	0.059	/	/
10	16QAM	25	25	/	/	17.49	0.056	/	/
10	16QAM	50	0	/	/	17.54	0.057	/	/
10	64QAM	1	0	/	/	17.70	0.059	/	/
10	64QAM	1	25	/	/	17.63	0.058	/	/
10	64QAM	1	49	/	/	17.42	0.055	/	/
10	64QAM	25	0	/	/	16.60	0.046	/	/
10	64QAM	25	12	/	/	16.71	0.047	/	/
10	64QAM	25	25	/	/	16.79	0.048	/	/
10	64QAM	50	0	/	/	16.81	0.048	/	/



LTE Band 13				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23205		23230		23255	
Frequency (MHz)				779.5		782		784.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	19.58	0.091	19.60	0.091	19.57	0.091
5	QPSK	1	12	19.51	0.089	19.57	0.091	19.56	0.090
5	QPSK	1	24	19.54	0.090	19.56	0.090	19.59	0.091
5	QPSK	12	0	18.76	0.075	18.75	0.075	18.71	0.074
5	QPSK	12	7	18.57	0.072	18.56	0.072	18.57	0.072
5	QPSK	12	13	18.63	0.073	18.51	0.071	18.66	0.073
5	QPSK	25	0	18.51	0.071	18.56	0.072	18.67	0.074
5	16QAM	1	0	18.70	0.074	18.62	0.073	18.69	0.074
5	16QAM	1	12	18.65	0.073	18.48	0.070	18.70	0.074
5	16QAM	1	24	18.64	0.073	18.79	0.076	18.75	0.075
5	16QAM	12	0	17.66	0.058	17.82	0.061	17.70	0.059
5	16QAM	12	7	17.69	0.059	17.48	0.056	17.57	0.057
5	16QAM	12	13	17.64	0.058	17.53	0.057	17.57	0.057
5	16QAM	25	0	17.47	0.056	17.70	0.059	17.59	0.057
5	64QAM	1	0	17.55	0.057	17.57	0.057	17.57	0.057
5	64QAM	1	12	17.49	0.056	17.62	0.058	17.49	0.056
5	64QAM	1	24	17.47	0.056	17.54	0.057	17.71	0.059
5	64QAM	12	0	16.70	0.047	16.64	0.046	16.55	0.045
5	64QAM	12	7	16.70	0.047	16.68	0.047	16.56	0.045
5	64QAM	12	13	16.46	0.044	16.58	0.045	16.57	0.045
5	64QAM	25	0	16.77	0.048	16.67	0.046	16.72	0.047



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	19.57	0.091	19.61	0.091	19.54	0.090
10	QPSK	1	25	19.43	0.088	19.57	0.091	19.58	0.091
10	QPSK	1	49	19.50	0.089	19.53	0.090	19.58	0.091
10	QPSK	25	0	18.66	0.073	18.69	0.074	18.65	0.073
10	QPSK	25	12	18.56	0.072	18.65	0.073	18.60	0.072
10	QPSK	25	25	18.51	0.071	18.61	0.073	18.49	0.071
10	QPSK	50	0	18.64	0.073	18.51	0.071	18.50	0.071
10	16QAM	1	0	18.68	0.074	18.74	0.075	18.45	0.070
10	16QAM	1	25	18.51	0.071	18.52	0.071	18.81	0.076
10	16QAM	1	49	18.59	0.072	18.62	0.073	18.50	0.071
10	16QAM	25	0	17.67	0.058	17.76	0.060	17.80	0.060
10	16QAM	25	12	17.46	0.056	17.55	0.057	17.61	0.058
10	16QAM	25	25	17.77	0.060	17.45	0.056	17.65	0.058
10	16QAM	50	0	17.70	0.059	17.75	0.060	17.87	0.061
10	64QAM	1	0	17.56	0.057	17.68	0.059	17.47	0.056
10	64QAM	1	25	17.80	0.060	17.62	0.058	17.76	0.060
10	64QAM	1	49	17.62	0.058	17.71	0.059	17.49	0.056
10	64QAM	25	0	16.72	0.047	16.77	0.048	16.47	0.044
10	64QAM	25	12	16.45	0.044	16.68	0.047	16.63	0.046
10	64QAM	25	25	16.45	0.044	16.50	0.045	16.56	0.045
10	64QAM	50	0	16.51	0.045	16.47	0.044	16.56	0.045



LTE Band 17				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23755		23790		23825	
Frequency (MHz)				706.5		710		713.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	19.52	0.090	19.58	0.091	19.54	0.090
5	QPSK	1	12	19.42	0.087	19.54	0.090	19.48	0.089
5	QPSK	1	24	19.53	0.090	19.47	0.089	19.51	0.089
5	QPSK	12	0	18.57	0.072	18.83	0.076	18.62	0.073
5	QPSK	12	7	18.74	0.075	18.76	0.075	18.78	0.076
5	QPSK	12	13	18.67	0.074	18.57	0.072	18.47	0.070
5	QPSK	25	0	18.52	0.071	18.54	0.071	18.58	0.072
5	16QAM	1	0	18.64	0.073	18.72	0.074	18.55	0.072
5	16QAM	1	12	18.65	0.073	18.54	0.071	18.65	0.073
5	16QAM	1	24	18.50	0.071	18.56	0.072	18.61	0.073
5	16QAM	12	0	17.67	0.058	17.73	0.059	17.82	0.061
5	16QAM	12	7	17.46	0.056	17.73	0.059	17.63	0.058
5	16QAM	12	13	17.88	0.061	17.69	0.059	17.46	0.056
5	16QAM	25	0	17.70	0.059	17.57	0.057	17.58	0.057
5	64QAM	1	0	17.50	0.056	17.79	0.060	17.61	0.058
5	64QAM	1	12	17.67	0.058	17.76	0.060	17.49	0.056
5	64QAM	1	24	17.68	0.059	17.65	0.058	17.75	0.060
5	64QAM	12	0	16.77	0.048	16.64	0.046	16.65	0.046
5	64QAM	12	7	16.74	0.047	16.62	0.046	16.71	0.047
5	64QAM	12	13	16.55	0.045	16.48	0.044	16.54	0.045
5	64QAM	25	0	16.74	0.047	16.52	0.045	16.57	0.045





LTE Band 18				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23965		23970		23975	
Frequency (MHz)				826.5		827		827.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	18.66	0.073	18.60	0.072	18.70	0.074
5	QPSK	1	12	18.75	0.075	18.77	0.075	18.82	0.076
5	QPSK	1	24	18.62	0.073	18.62	0.073	18.64	0.073
5	QPSK	12	0	17.78	0.060	17.82	0.061	17.87	0.061
5	QPSK	12	7	17.73	0.059	17.76	0.060	17.82	0.061
5	QPSK	12	13	17.64	0.058	17.64	0.058	17.74	0.059
5	QPSK	25	0	17.78	0.060	17.84	0.061	17.88	0.061
5	16QAM	1	0	17.78	0.060	17.79	0.060	17.83	0.061
5	16QAM	1	12	17.73	0.059	17.71	0.059	17.79	0.060
5	16QAM	1	24	17.56	0.057	17.67	0.058	17.68	0.059
5	16QAM	12	0	16.83	0.048	16.91	0.049	16.94	0.049
5	16QAM	12	7	16.76	0.047	16.87	0.049	16.88	0.049
5	16QAM	12	13	16.92	0.049	16.85	0.048	16.95	0.050
5	16QAM	25	0	16.88	0.049	16.82	0.048	16.94	0.049
5	64QAM	1	0	16.77	0.048	16.67	0.046	16.78	0.048
5	64QAM	1	12	16.62	0.046	16.65	0.046	16.71	0.047
5	64QAM	1	24	16.87	0.049	16.84	0.048	16.90	0.049
5	64QAM	12	0	15.62	0.036	15.57	0.036	15.63	0.037
5	64QAM	12	7	15.98	0.040	15.90	0.039	16.00	0.040
5	64QAM	12	13	15.65	0.037	15.72	0.037	15.73	0.037
5	64QAM	25	0	15.74	0.037	15.64	0.037	15.75	0.038



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		24075		24075	
Frequency (MHz)				837.5		837.5		837.5	
				dbm	W	dbm	W	dbm	W
15	QPSK	1	0	19.31	0.085	19.37	0.086	19.32	0.086
15	QPSK	1	37	19.22	0.084	19.24	0.084	19.28	0.085
15	QPSK	1	74	19.25	0.084	19.29	0.085	19.22	0.084
15	QPSK	36	0	18.43	0.070	18.47	0.070	18.38	0.069
15	QPSK	36	20	18.30	0.068	18.30	0.068	18.23	0.067
15	QPSK	36	39	18.26	0.067	18.28	0.067	18.31	0.068
15	QPSK	75	0	18.30	0.068	18.40	0.069	18.29	0.067
15	16QAM	1	0	18.42	0.070	18.48	0.070	18.32	0.068
15	16QAM	1	37	18.38	0.069	18.28	0.067	18.49	0.071
15	16QAM	1	74	18.34	0.068	18.49	0.071	18.42	0.070
15	16QAM	36	0	17.34	0.054	17.53	0.057	17.56	0.057
15	16QAM	36	20	17.25	0.053	17.30	0.054	17.40	0.055
15	16QAM	36	39	17.35	0.054	17.36	0.054	17.44	0.055
15	16QAM	75	0	17.36	0.054	17.27	0.053	17.56	0.057
15	64QAM	1	0	17.34	0.054	17.43	0.055	17.28	0.053
15	64QAM	1	37	17.38	0.055	17.41	0.055	17.32	0.054
15	64QAM	1	74	17.33	0.054	17.40	0.055	17.30	0.054
15	64QAM	36	0	16.38	0.043	16.33	0.043	16.47	0.044
15	64QAM	36	20	16.27	0.042	16.38	0.043	16.37	0.043
15	64QAM	36	39	16.34	0.043	16.25	0.042	16.46	0.044
15	64QAM	75	0	16.36	0.043	16.38	0.043	16.47	0.044



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	19.31	0.085	19.34	0.086	19.32	0.086
10	QPSK	1	25	19.23	0.084	19.28	0.085	19.25	0.084
10	QPSK	1	49	19.29	0.085	19.26	0.084	19.24	0.084
10	QPSK	25	0	18.28	0.067	18.38	0.069	18.43	0.070
10	QPSK	25	12	18.32	0.068	18.41	0.069	18.35	0.068
10	QPSK	25	25	18.38	0.069	18.30	0.068	18.33	0.068
10	QPSK	50	0	18.33	0.068	18.34	0.068	18.29	0.067
10	16QAM	1	0	18.34	0.068	18.47	0.070	18.14	0.065
10	16QAM	1	25	18.35	0.068	18.43	0.070	18.43	0.070
10	16QAM	1	49	18.46	0.070	18.18	0.066	18.21	0.066
10	16QAM	25	0	17.35	0.054	17.56	0.057	17.45	0.056
10	16QAM	25	12	17.17	0.052	17.16	0.052	17.38	0.055
10	16QAM	25	25	17.34	0.054	17.30	0.054	17.29	0.054
10	16QAM	50	0	17.45	0.056	17.16	0.052	17.30	0.054
10	64QAM	1	0	17.14	0.052	17.35	0.054	17.31	0.054
10	64QAM	1	12	17.35	0.054	17.41	0.055	17.53	0.057
10	64QAM	1	24	17.44	0.055	17.53	0.057	17.19	0.052
10	64QAM	12	0	16.23	0.042	16.30	0.043	16.38	0.043
10	64QAM	12	7	16.19	0.042	16.44	0.044	16.53	0.045
10	64QAM	12	13	16.28	0.042	16.25	0.042	16.24	0.042
10	64QAM	25	0	16.48	0.044	16.40	0.044	16.49	0.045



LTE Band 19				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				24025		24075		24125	
Frequency (MHz)				832.5		837.5		842.5	
				dbm	W	dbm	W	dbm	W
5	QPSK	1	0	19.30	0.085	19.33	0.086	19.23	0.084
5	QPSK	1	12	19.24	0.084	19.26	0.084	19.26	0.084
5	QPSK	1	24	19.27	0.085	19.32	0.086	19.19	0.083
5	QPSK	12	0	18.33	0.068	18.54	0.071	18.25	0.067
5	QPSK	12	7	18.27	0.067	18.22	0.066	18.34	0.068
5	QPSK	12	13	18.46	0.070	18.28	0.067	18.27	0.067
5	QPSK	25	0	18.20	0.066	18.21	0.066	18.21	0.066
5	16QAM	1	0	18.43	0.070	18.60	0.072	18.35	0.068
5	16QAM	1	12	18.28	0.067	18.28	0.067	18.54	0.071
5	16QAM	1	24	18.28	0.067	18.40	0.069	18.43	0.070
5	16QAM	12	0	17.52	0.056	17.39	0.055	17.25	0.053
5	16QAM	12	7	17.34	0.054	17.26	0.053	17.42	0.055
5	16QAM	12	13	17.42	0.055	17.15	0.052	17.19	0.052
5	16QAM	25	0	17.41	0.055	17.32	0.054	17.53	0.057
5	64QAM	1	0	17.25	0.053	17.35	0.054	17.28	0.053
5	64QAM	1	12	17.46	0.056	17.55	0.057	17.23	0.053
5	64QAM	1	24	17.46	0.056	17.31	0.054	17.31	0.054
5	64QAM	12	0	16.52	0.045	16.26	0.042	16.26	0.042
5	64QAM	12	7	16.23	0.042	16.49	0.045	16.39	0.044
5	64QAM	12	13	16.35	0.043	16.27	0.042	16.32	0.043
5	64QAM	25	0	16.48	0.044	16.36	0.043	16.26	0.042