



TEST REPORT

APPLICANT : Reliance Communications LLC

PRODUCT NAME : Orbic TAB8 4G

MODEL NAME : RC8L1T

BRAND NAME : Orbic

FCC ID : 2ABGHRC8L1T

STANDARD(S) : 47 CFR Part 2
47 CFR Part 22
47 CFR Part 24
47 CFR Part 27
47 CFR Part 90

RECEIPT DATE : 2023-05-10

TEST DATE : 2023-05-19 to 2023-08-11

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Change History		
Version	Date	Reason for change
1.0	2023-08-18	First edition



1. Technical Information

Note: Provide by applicant.

1.1. Applicant and Manufacturer Information

Applicant:	Reliance Communications LLC
Applicant Address:	555 Wireless Blvd. Hauppauge, NY 11788, United States
Manufacturer:	Unimaxcomm
Manufacturer Address:	35F,HBC HuiLong Center Building-II Minzhi Street,Longhua, Shenzhen, P.R. China 518110

1.2. Equipment Under Test (EUT) Description

Product Name:	Orbic TAB8 4G	
Sample No.:	1#,2#	
Hardware Version:	T8003K_MB_V1.0	
Software Version:	ORB8L1T_v1.0.15_BVT-NA	
Modulation Type:	QPSK, 16QAM, 64QAM	
Operation Band:	Band 2 / 4 / 5 / 12 / 13 / 14 / 17 / 25 / 26 / 30 / 41 / 66 / 71	
Carrier Aggregation:	CA_41	
Frequency Range:	Band 2	Tx: 1850MHz–1910MHz
		Rx: 1930MHz–1990MHz
	Band 4	Tx: 1710MHz–1755MHz
		Rx: 2110MHz–2155MHz
	Band 5	Tx: 824MHz–849MHz
		Rx: 869MHz–894MHz
	Band 12	Tx: 699MHz–716MHz
		Rx: 729MHz–746MHz
	Band 13	Tx: 777MHz–787MHz
		Rx: 746MHz–756MHz
	Band 14	Tx: 788MHz–798MHz
		Rx: 758MHz–768MHz
	Band 17	Tx: 704MHz–716MHz
		Rx: 734MHz–746MHz



Frequency Range:	Band 25	Tx:1850MHz–1915MHz
		Rx:1930MHz–1995MHz
	Band 26 Part22	Tx: 824MHz–849MHz
		Rx: 869MHz–894MHz
	Band 26 Part90	Tx: 814MHz–824MHz
		Rx: 859MHz–869MHz
	Band 30	Tx: 2305MHz–2315MHz
		Rx: 2350MHz–2360MHz
	Band 41	Tx: 2496MHz–2690MHz
		Rx: 2496MHz–2690MHz
	Band 66	Tx: 1710MHz –1780MHz
		Rx: 2110MHz–2200MHz
	Band 71	Tx: 663MHz–698MHz
		Rx: 617MHz–652MHz
Channel Bandwidth:	Band 2	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
	Band 4	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
	Band 5	1.4MHz, 3MHz, 5MHz, 10MHz
	Band 12	1.4MHz, 3 MHz, 5 MHz, 10MHz
	Band 13	5 MHz, 10MHz
	Band 14	5 MHz, 10MHz
	Band 17	5 MHz, 10MHz
	Band 25	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
	Band 26 Part22	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz
	Band 26 Part90	1.4MHz, 3MHz, 5MHz, 10MHz
	Band 30	5 MHz, 10MHz
	Band 41	5 MHz, 10MHz, 15MHz, 20MHz
	Band 66	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
Band 71	5MHz, 10MHz, 15MHz, 20MHz	
Antenna Type:	PIFA Internal Antenna	
Antenna Gain:	Band 2	-0.13 dBi
	Band 4	0.17 dBi
	Band 5	0.11 dBi
	Band 12	-3.51 dBi
	Band 13	-2.22 dBi
	Band 14	-1.72 dBi
	Band 17	0.79 dBi
	Band 25	-0.16 dBi



Antenna Gain:	Band 26 Part22	-0.42 dBi
	Band 26 Part90	-0.42 dBi
	Band 30	-0.56 dBi
	Band 41	2.81 dBi
	Band 66	0.08 dBi
	Band 71	-3.86 dBi
Accessory Information:	Battery	
	Brand Name:	N/A
	Model No.:	BTE-4301
	Serial No.:	N/A
	Capacity:	4300 mAh
	Rated Voltage:	3.85V
	Charge Limit:	4.4V
	Manufacturer:	Guangdong Fenghua New Energy Co.,Ltd.
	AC Adapter	
	Brand Name:	Orbic
	Model No.:	TPA-23A050200UU01
	Serial No.:	N/A
	Rated Output:	5.0V=2.0A
	Rated Input:	100-240V~50/60Hz, 0.3A
	Manufacturer:	Shenzhen Tianyin Electronics Co.,Ltd
	USB Cable:	
	Model No.:	USB A/M TO TYPE-C L=0.8M (Black)
	Manufacturer:	Dongguan Guojun Plastic Electronic Co., Ltd.

Note 1: LTE Band 41 supports both power class 2 and class 3. We have evaluated two power classes respectively by performing full test, for Conducted Output Power and E.I.R.P. we recorded the test result of two power classes separately, for other test items we only recorded the worst test result (Class 2) in this report.

Note 2: This test report is variant from the original report (Report No. : SZ23040073W02, Model: RC10RLT), apply for a renew application. For conducted test evaluation, the main board and RF parameters are the same between two models. We have evaluated and retested worst case of radiated spurious emissions.

Note 3: 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

Band2	Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20	0.186	0.162	0.125	18M0G7D	18M0W7D	18M0W7D
15	0.185	0.161	0.123	13M5G7D	13M5W7D	13M4W7D
10	0.183	0.160	0.122	8M98G7D	8M97W7D	8M97W7D
5	0.183	0.160	0.125	4M51G7D	4M50W7D	4M51W7D
3	0.180	0.161	0.123	2M71G7D	2M70W7D	2M71W7D
1.4	0.183	0.160	0.124	1M10G7D	1M10W7D	1M10W7D
Band 4	Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20	0.197	0.172	0.131	18M0G7D	18M0W7D	18M0W7D
15	0.194	0.169	0.130	13M5G7D	13M5W7D	13M5W7D
10	0.190	0.170	0.130	9M00G7D	8M98W7D	8M99W7D
5	0.192	0.169	0.128	4M51G7D	4M51W7D	4M52W7D
3	0.190	0.170	0.130	2M70G7D	2M70W7D	2M71W7D
1.4	0.193	0.169	0.130	1M10G7D	1M10W7D	1M10W7D
Band 5	Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10	0.133	0.094	0.073	9M01G7D	8M98W7D	9M01W7D
5	0.130	0.093	0.072	4M51G7D	4M51W7D	4M52W7D
3	0.132	0.093	0.072	2M71G7D	2M71W7D	2M70W7D
1.4	0.132	0.094	0.072	1M10G7D	1M10W7D	1M10W7D
Band 12	Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10	0.065	0.058	0.045	9M01G7D	8M99W7D	9M00W7D
5	0.064	0.058	0.045	4M51G7D	4M51W7D	4M52W7D
3	0.064	0.058	0.045	2M70G7D	2M70W7D	2M71W7D
1.4	0.063	0.057	0.044	1M10G7D	1M10W7D	1M10W7D
Band 13	Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10	0.087	0.077	0.059	8M96G7D	8M96W7D	8M97W7D
5	0.086	0.077	0.060	4M50G7D	4M51W7D	4M51W7D
Band 14	Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10	0.100	0.088	0.067	8M98G7D	8M95W7D	8M96W7D
5	0.099	0.090	0.070	4M50G7D	4M50W7D	4M51W7D



Band 17		Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	
10	0.175	0.158	0.123	9M01G7D	8M99W7D	8M99W7D	
5	0.173	0.157	0.123	4M51G7D	4M51W7D	4M52W7D	
Band 25		Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	
20	0.204	0.146	0.112	17M9G7D	18M0W7D	17M9W7D	
15	0.198	0.145	0.112	13M5G7D	13M5W7D	13M5W7D	
10	0.203	0.144	0.112	9M01G7D	8M97W7D	8M98W7D	
5	0.199	0.144	0.110	4M52G7D	4M50W7D	4M52W7D	
3	0.201	0.143	0.112	2M71G7D	2M70W7D	2M71W7D	
1.4	0.203	0.144	0.111	1M10G7D	1M11W7D	1M10W7D	
Band 26 Part22		Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	
15	0.133	0.094	0.072	13M5G7D	13M5W7D	13M5W7D	
10	0.130	0.092	0.070	9M02G7D	9M04W7D	9M00W7D	
5	0.129	0.091	0.070	4M51G7D	4M51W7D	4M52W7D	
3	0.130	0.092	0.070	2M70G7D	2M71W7D	2M71W7D	
1.4	0.129	0.093	0.086	1M10G7D	1M10W7D	1M10W7D	
Band 26 Part90		Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	
10	0.128	0.094	0.073	8M99G7D	8M96W7D	8M97W7D	
5	0.127	0.094	0.072	4M51G7D	4M51W7D	4M53W7D	
3	0.127	0.094	0.073	2M70G7D	2M70W7D	2M71W7D	
1.4	0.129	0.094	0.090	1M10G7D	1M10W7D	1M10W7D	
Band 30		Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	
10	0.211	0.148	0.114	8M99G7D	8M96W7D	8M97W7D	
5	0.210	0.152	0.117	4M51G7D	4M51W7D	4M51W7D	
Band 66		Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	
20	0.195	0.164	0.116	18M0G7D	18M0W7D	18M0W7D	
15	0.191	0.161	0.115	13M5G7D	13M5W7D	13M5W7D	
10	0.191	0.161	0.115	8M98G7D	8M97W7D	8M99W7D	
5	0.190	0.150	0.114	4M51G7D	4M51W7D	4M51W7D	
3	0.190	0.149	0.113	2M70G7D	2M70W7D	2M70W7D	



1.4	0.189	0.148	0.112	1M10G7D	1M10W7D	1M10W7D
Band 71	Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20	0.043	0.041	0.029	17M9G7D	18M0W7D	18M0W7D
15	0.043	0.041	0.029	13M5G7D	13M5W7D	13M5W7D
10	0.043	0.041	0.029	9M00G7D	8M97W7D	8M99W7D
5	0.042	0.041	0.029	4M52G7D	4M51W7D	4M51W7D
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	0.728	0.518	0.425	0.444	0.367	0.301
15	0.714	0.508	0.417	0.436	0.361	0.296
10	0.701	0.508	0.409	0.428	0.354	0.290
5	0.693	0.502	0.405	0.423	0.350	0.287
Band 41	Emission Designator (99%OBW)					
BW(MHz)	QPSK		16QAM		64QAM	
20	18M0G7D		17M9W7D		18M0W7D	
15	13M5G7D		13M5W7D		13M4W7D	
10	8M99G7D		8M97W7D		8M98W7D	
5	4M51G7D		4M50W7D		4M53W7D	

1.4. Test Standards and Results

The objective of the report is to perform testing according to Part 2, Part 22, Part 24, Part 27, Part 90 and Part 96 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
5	47 CFR Part 90	Miscellaneous Wireless Communications Services
6	47 CFR Part 96	CITIZENS BROADBAND RADIO SERVICE



B2 & B25			
Item	FCC Rule No.	Requirements	Result
Effective (Isotropic) Radiated Power Output Data	§2.1046, §24.232(c)	EIRP ≤ 2 W	PASS
Peak-Average Ratio	§24.232(d)	Limit≤13 dB	PASS
Bandwidth	§2.1049	OBW: No limit EBW: No limit	PASS
Band Edges Compliance	§2.1051, §24.238(a)(b)	Refer to section 2.6	PASS
Spurious Emission at Antenna Terminals	§2.1051, §24.238(a)(b)	≤ -13 dBm/1MHz	PASS
Field Strength of Spurious Radiation	§2.1053, §24.238(a)	≤ -13 dBm/1MHz	PASS
Frequency Stability	§2.1055, §24.235	No limit	N/A

B4 & B66			
Item	FCC Rule No.	Requirements	Result
Effective (Isotropic) Radiated Power Output Data	§2.1046, §27.50(d)(4)	EIRP ≤1 W	PASS
Peak-Average Ratio	§22.913(d)(5)	Limit≤13 dB	PASS
Bandwidth	§2.1049	OBW: No limit. EBW: No limit.	PASS
Band Edges Compliance	§2.1051, §27.53(h)(1) §27.53(h)(3)(i)	Refer to section 2.6	PASS
Spurious Emission at Antenna Terminals	§2.1051, §27.53(h)(1)	≤ -13 dBm/1MHz	PASS
Field Strength of Spurious Radiation	§2.1053, §27.53(h)(1)	≤ -13 dBm/1MHz.	PASS
Frequency Stability	§2.1055, §27.54	No limit	N/A



B5 & B26(824-849MHz)			
Item	FCC Rule No.	Requirements	Result
Effective (Isotropic) Radiated Power Output Data	§2.1046, §22.913(a)(5)	ERP ≤ 7W	PASS
Peak-Average Ratio	N/A	N/A	N/A
Bandwidth	§2.1049	OBW: No limit EBW: No limit	PASS
Band Edges Compliance	§2.1051, §22.917(a)(b)	Refer to section 2.6	PASS
Spurious Emission at Antenna Terminals	§2.1051, §22.917(a)	≤ -13 dBm/1MHz	PASS
Field Strength of Spurious Radiation	§2.1053, §22.917(a)	≤ -13 dBm/1MHz	PASS
Frequency Stability	§2.1055, §22.355	≤ ±2.5ppm	PASS

B41			
Item	FCC Rule No.	Requirements	Result
Effective (Isotropic) Radiated Power Output Data	§2.1046, §27.50(h)(2)	EIRP ≤ 2W	PASS
Peak-Average Ratio	N/A	N/A	N/A
Bandwidth	§2.1049	OBW: No limit EBW: No limit	PASS
Band Edges Compliance	§2.1051, §27.53(m)(4)	Refer to section 2.6	PASS
Spurious Emission at Antenna Terminals	§2.1051, §27.53(m)(4)	≤ -25 dBm/1MHz	PASS
Field Strength of Spurious Radiation	§2.1053, §27.53(m)(4)	≤ -25 dBm/1MHz	PASS
Frequency Stability	§2.1055, §27.54	No limit	N/A



B12&B17			
Item	FCC Rule No.	Requirements	Result
Effective (Isotropic) Radiated Power Output Data	§2.1046, §27.50(c)(10)	ERP ≤3W	PASS
Peak-Average Ratio	N/A	N/A	N/A
Bandwidth	§2.1049	OBW: No limit EBW: No limit	PASS
Band Edges Compliance	§2.1051, §27.53(g)	Refer to section 2.6	PASS
Spurious Emission at Antenna Terminals	§2.1051, §27.53(g)	≤ -13 dBm/1MHz	PASS
Field Strength of Spurious Radiation	§2.1053, §27.53(g)	≤ -13 dBm/1MHz	PASS
Frequency Stability	§2.1055, §27.54	No limit	N/A

B13			
Item	FCC Rule No.	Requirements	Result
Effective (Isotropic) Radiated Power Output Data	§2.1046, §27.50(b)(10)	ERP ≤3W	PASS
Peak-Average Ratio	N/A	N/A	N/A
Bandwidth	§2.1049	OBW: No limit EBW: No limit	PASS
Band Edges Compliance	§2.1051, §27.53(c)(2)	Refer to section 2.6	PASS
Spurious Emission at Antenna Terminals	§2.1051, §27.53(c)(2)	≤ -13 dBm/1MHz	PASS
Field Strength of Spurious Radiation	§2.1053, §27.53(c)(2)	≤ -13 dBm/1MHz	PASS
Frequency Stability	§2.1055, §27.54	No limit	N/A



B14			
Item	FCC Rule No.	Requirements	Result
Effective (Isotropic) Radiated Power Output Data	§2.1046, §90.541(d)	ERP ≤3W	PASS
Peak-Average Ratio	N/A	N/A	N/A
Bandwidth	§2.1049	OBW: No limit EBW: No limit	PASS
Band Edges Compliance	§2.1051, §90.543(e)	Refer to section 2.6	PASS
Spurious Emission at Antenna Terminals	§2.1051, §90.543(f)	≤ -13 dBm/1MHz	PASS
Field Strength of Spurious Radiation	§2.1053, §90.543(c)	≤ -13 dBm/1MHz	PASS
Frequency Stability	§2.1055, §90.543	No limit	N/A

B26(814-824MHz)			
Item	FCC Rule No.	Requirements	Result
Effective (Isotropic) Radiated Power Output Data	§2.1046, §90.635(b)	ERP ≤3W	PASS
Peak-Average Ratio	N/A	N/A	N/A
Bandwidth	§2.1049	OBW: No limit EBW: No limit	PASS
Band Edges Compliance	§2.1051, §90.691(a)	Refer to section 2.6	PASS
Spurious Emission at Antenna Terminals	§2.1051, §90.691(a)	≤ -13 dBm/1MHz	PASS
Field Strength of Spurious Radiation	§2.1053, §90.691(a)	≤ -13 dBm/1MHz	PASS
Frequency Stability	§2.1055, §90.543	No limit	N/A



B30			
Item	FCC Rule No.	Requirements	Result
Effective (Isotropic) Radiated Power Output Data	§2.1046, §27.50(a)(3)	ERP \leq 250mW	PASS
Peak-Average Ratio	N/A	N/A	N/A
Bandwidth	§2.1049	OBW: No limit EBW: No limit	PASS
Band Edges Compliance	§2.1051, §27.53(a)	Refer to section 2.6	PASS
Spurious Emission at Antenna Terminals	§2.1051, §27.53	\leq -40 dBm/1MHz	PASS
Field Strength of Spurious Radiation	§2.1053, §27.53	\leq -40 dBm/1MHz	PASS
Frequency Stability	§2.1055, §27.54	No limit	N/A

B71			
Item	FCC Rule No.	Requirements	Result
Effective (Isotropic) Radiated Power Output Data	§2.1046, §27.50(c)(10)	EIRP \leq 3 W	PASS
Peak-Average Ratio	N/A	N/A	N/A
Bandwidth	§2.1049	OBW: No limit. EBW: No limit.	PASS
Band Edges Compliance	§2.1051, §27.53(g)	Refer to section 2.6	PASS
Spurious Emission at Antenna Terminals	§2.1051, §27.53(g)	\leq -13 dBm/1MHz	PASS
Field Strength of Spurious Radiation	§2.1053, §27.53(g)	\leq -13 dBm/1MHz.	PASS
Frequency Stability	§2.1055, §27.54	No limit	N/A



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

Test Item	Test Date	Test Engineer	Result	Method Determination /Remark
Transmitter Conducted Output Power and E.R.P./E.I.R.P.	2023/05/19	Tan Xiaowei Li Huaijie	PASS	No deviation
Occupied Bandwidth	2023/05/23- 2023/05/24	Li Huaijie	PASS	No deviation
Frequency Stability	2023/05/23	Li Huaijie	PASS	No deviation
Peak to Average Ratio	2023/05/24- 2023/05/25	Li Huaijie	PASS	No deviation
Conducted Spurious Emissions	2023/05/22- 2023/08/11	Li Huaijie	PASS	No deviation
Band Edge	2023/05/19- 2023/05/22	Li Huaijie	PASS	No deviation
Radiated Spurious Emissions	2023/07/21	Gao Jianrou Su Zhan	PASS	No deviation

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

Note 2: Additions to, deviation, or exclusions from the method shall be judged in the "method determination" column of add, deviate or exclude from the specific method shall be explained in the "Remark" of the above table.

Note 3: The declared of product specification for EUT presented in the report are provided by manufacturer and the test laboratory is not responsible for the accuracy of the information.

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

1.5. Environmental Conditions

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

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



2. Summary Test Results And Description

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

2.1.1. Requirement

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

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

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

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

According to FCC section 27.50 (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 90.541 (d) for LTE Band 14, the transmitting power of a portable (hand-held) unit must not exceed 3 watts ERP.

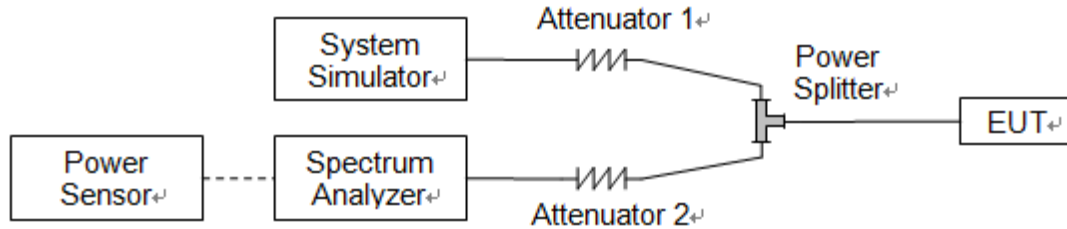
According to FCC section 27.50 (c)(10)for LTE Band 12/17/71, Portable stations (hand-held devices) operating in the 704-716MHz band are limited to 3watts E.R.P.

According to FCC section 90.635(b) for LTE Band 26, the maximum output power of the transmitter for mobile stations is 100 watts.

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 mill watts within any 1 megahertz of authorized bandwidth.

According to FCC section 27.50 (h)(2) for LTE Band 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.

2.1.2. Test Description



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

2.1.3. Test Procedure

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

E.I.R.P. (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)

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

**2.1.4. Result****Conducted Output Power**

LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18700	18900	19100
Frequency (MHz)				1860	1880	1900
20	QPSK	1	0	22.71	22.82	22.70
20	QPSK	1	49	22.65	22.71	22.70
20	QPSK	1	99	22.38	22.42	22.40
20	QPSK	50	0	21.75	21.82	21.80
20	QPSK	50	24	21.70	21.75	21.66
20	QPSK	50	50	21.59	21.66	21.64
20	QPSK	100	0	21.38	21.49	21.42
20	16QAM	1	0	22.21	22.23	22.20
20	16QAM	1	49	22.10	22.18	22.09
20	16QAM	1	99	22.08	22.11	22.04
20	16QAM	50	0	20.94	21.00	20.89
20	16QAM	50	24	20.73	20.87	20.69
20	16QAM	50	50	20.58	20.69	20.57
20	16QAM	100	0	20.36	20.54	20.50
20	64QAM	1	0	21.08	21.10	21.03
20	64QAM	1	49	21.00	21.03	21.00
20	64QAM	1	99	21.00	21.00	20.88
20	64QAM	50	0	19.79	19.88	19.73
20	64QAM	50	24	19.66	19.72	19.69
20	64QAM	50	50	19.45	19.59	19.41
20	64QAM	100	0	19.38	19.43	19.36



LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18675	18900	19125
Frequency (MHz)				1857.5	1880	1902.5
15	QPSK	1	0	22.65	22.79	22.58
15	QPSK	1	37	22.62	22.61	22.58
15	QPSK	1	74	22.32	22.41	22.30
15	QPSK	36	0	21.63	21.81	21.75
15	QPSK	36	20	21.60	21.69	21.61
15	QPSK	36	39	21.52	21.65	21.62
15	QPSK	75	0	21.29	21.46	21.31
15	16QAM	1	0	22.20	22.12	22.17
15	16QAM	1	37	22.07	22.05	22.02
15	16QAM	1	74	22.01	21.98	22.02
15	16QAM	36	0	20.89	20.89	20.86
15	16QAM	36	20	20.63	20.77	20.68
15	16QAM	36	39	20.47	20.60	20.47
15	16QAM	75	0	20.33	20.46	20.47
15	64QAM	1	0	21.01	20.98	21.02
15	64QAM	1	37	20.87	21.00	20.93
15	64QAM	1	74	20.93	20.89	20.78
15	64QAM	36	0	19.71	19.75	19.66
15	64QAM	36	20	19.57	19.61	19.62
15	64QAM	36	39	19.35	19.50	19.28
15	64QAM	75	0	19.29	19.37	19.35



LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18650	18900	19150
Frequency (MHz)				1855	1880	1905
10	QPSK	1	0	22.60	22.75	22.59
10	QPSK	1	25	22.64	22.60	22.64
10	QPSK	1	49	22.31	22.33	22.28
10	QPSK	25	0	21.66	21.77	21.77
10	QPSK	25	12	21.69	21.73	21.56
10	QPSK	25	25	21.54	21.54	21.63
10	QPSK	50	0	21.26	21.37	21.36
10	16QAM	1	0	22.14	22.10	22.18
10	16QAM	1	25	22.04	22.05	22.00
10	16QAM	1	49	21.98	22.08	21.93
10	16QAM	25	0	20.90	20.87	20.86
10	16QAM	25	12	20.65	20.80	20.57
10	16QAM	25	25	20.50	20.68	20.53
10	16QAM	50	0	20.35	20.53	20.48
10	64QAM	1	0	20.95	20.97	20.95
10	64QAM	1	25	20.99	20.96	20.90
10	64QAM	1	49	20.93	20.93	20.80
10	64QAM	25	0	19.74	19.78	19.66
10	64QAM	25	12	19.64	19.67	19.64
10	64QAM	25	25	19.34	19.51	19.40
10	64QAM	50	0	19.31	19.41	19.28



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	22.69	22.75	22.69
5	QPSK	1	12	22.54	22.60	22.58
5	QPSK	1	24	22.37	22.37	22.36
5	QPSK	12	0	21.72	21.79	21.73
5	QPSK	12	7	21.62	21.67	21.59
5	QPSK	12	13	21.50	21.58	21.52
5	QPSK	25	0	21.28	21.41	21.36
5	16QAM	1	0	22.15	22.16	22.07
5	16QAM	1	12	22.08	22.08	22.04
5	16QAM	1	24	22.06	21.99	21.97
5	16QAM	12	0	20.81	20.93	20.86
5	16QAM	12	7	20.66	20.81	20.56
5	16QAM	12	13	20.53	20.62	20.47
5	16QAM	25	0	20.29	20.50	20.48
5	64QAM	1	0	21.01	21.09	20.90
5	64QAM	1	12	20.96	20.92	20.95
5	64QAM	1	24	20.93	20.94	20.77
5	64QAM	12	0	19.76	19.79	19.67
5	64QAM	12	7	19.60	19.71	19.62
5	64QAM	12	13	19.38	19.48	19.37
5	64QAM	25	0	19.36	19.42	19.24



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	22.63	22.69	22.64
3	QPSK	1	8	22.64	22.62	22.69
3	QPSK	1	14	22.29	22.37	22.27
3	QPSK	8	0	21.73	21.79	21.67
3	QPSK	8	4	21.65	21.72	21.59
3	QPSK	8	7	21.50	21.57	21.59
3	QPSK	15	0	21.30	21.47	21.31
3	16QAM	1	0	22.20	22.11	22.16
3	16QAM	1	8	22.03	22.14	22.08
3	16QAM	1	14	21.95	22.06	21.99
3	16QAM	8	0	20.85	20.90	20.84
3	16QAM	8	4	20.67	20.74	20.67
3	16QAM	8	7	20.51	20.67	20.54
3	16QAM	15	0	20.25	20.48	20.47
3	64QAM	1	0	21.02	20.97	20.99
3	64QAM	1	8	20.93	20.98	20.91
3	64QAM	1	14	20.98	20.91	20.78
3	64QAM	8	0	19.66	19.78	19.60
3	64QAM	8	4	19.64	19.71	19.58
3	64QAM	8	7	19.43	19.52	19.33
3	64QAM	15	0	19.35	19.42	19.31



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	22.66	22.75	22.59
1.4	QPSK	1	3	22.53	22.65	22.58
1.4	QPSK	1	5	22.35	22.32	22.29
1.4	QPSK	3	0	22.71	22.70	22.68
1.4	QPSK	3	1	22.63	22.69	22.60
1.4	QPSK	3	3	22.54	22.57	22.59
1.4	QPSK	6	0	21.35	21.42	21.41
1.4	16QAM	1	0	22.12	22.12	22.08
1.4	16QAM	1	3	22.00	22.16	21.97
1.4	16QAM	1	5	21.98	22.01	21.96
1.4	16QAM	3	0	21.83	21.91	21.87
1.4	16QAM	3	1	21.67	21.76	21.57
1.4	16QAM	3	3	21.49	21.59	21.50
1.4	16QAM	6	0	20.31	20.52	20.45
1.4	64QAM	1	0	20.99	21.08	20.92
1.4	64QAM	1	3	20.98	20.98	20.92
1.4	64QAM	1	5	20.97	20.90	20.84
1.4	64QAM	3	0	20.68	20.86	20.66
1.4	64QAM	3	1	20.61	20.70	20.62
1.4	64QAM	3	3	20.43	20.46	20.37
1.4	64QAM	6	0	19.33	19.40	19.24



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	22.58	22.78	22.63
20	QPSK	1	49	22.61	22.62	22.66
20	QPSK	1	99	22.30	22.29	22.32
20	QPSK	50	0	21.69	21.74	21.71
20	QPSK	50	24	21.68	21.71	21.54
20	QPSK	50	50	21.49	21.53	21.55
20	QPSK	100	0	21.34	21.37	21.34
20	16QAM	1	0	22.11	22.17	22.18
20	16QAM	1	49	22.08	22.15	22.08
20	16QAM	1	99	22.06	22.00	21.94
20	16QAM	50	0	20.86	20.96	20.79
20	16QAM	50	24	20.61	20.74	20.64
20	16QAM	50	50	20.48	20.60	20.46
20	16QAM	100	0	20.35	20.50	20.39
20	64QAM	1	0	20.99	21.01	20.95
20	64QAM	1	49	20.99	20.98	20.98
20	64QAM	1	99	20.90	20.96	20.87
20	64QAM	50	0	19.68	19.81	19.68
20	64QAM	50	24	19.53	19.60	19.57
20	64QAM	50	50	19.39	19.52	19.31
20	64QAM	100	0	19.25	19.37	19.23



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	22.52	22.70	22.62
15	QPSK	1	37	22.49	22.60	22.58
15	QPSK	1	74	22.23	22.20	22.29
15	QPSK	36	0	21.59	21.67	21.66
15	QPSK	36	20	21.58	21.64	21.44
15	QPSK	36	39	21.43	21.40	21.52
15	QPSK	75	0	21.31	21.27	21.23
15	16QAM	1	0	22.00	22.08	22.06
15	16QAM	1	37	22.05	22.10	22.04
15	16QAM	1	74	21.96	21.93	21.87
15	16QAM	36	0	20.79	20.86	20.76
15	16QAM	36	20	20.56	20.71	20.59
15	16QAM	36	39	20.40	20.55	20.41
15	16QAM	75	0	20.24	20.37	20.30
15	64QAM	1	0	20.96	20.88	20.93
15	64QAM	1	37	20.98	20.97	20.88
15	64QAM	1	74	20.87	20.84	20.78
15	64QAM	36	0	19.61	19.76	19.55
15	64QAM	36	20	19.40	19.55	19.56
15	64QAM	36	39	19.29	19.46	19.30
15	64QAM	75	0	19.16	19.32	19.10



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	22.56	22.57	22.55
10	QPSK	1	25	22.55	22.61	22.61
10	QPSK	1	49	22.17	22.18	22.21
10	QPSK	25	0	21.60	21.67	21.59
10	QPSK	25	12	21.57	21.63	21.52
10	QPSK	25	25	21.42	21.50	21.48
10	QPSK	50	0	21.28	21.36	21.22
10	16QAM	1	0	22.03	22.07	22.09
10	16QAM	1	25	22.01	22.14	22.06
10	16QAM	1	49	22.05	21.87	21.93
10	16QAM	25	0	20.81	20.90	20.74
10	16QAM	25	12	20.54	20.67	20.52
10	16QAM	25	25	20.41	20.53	20.44
10	16QAM	50	0	20.32	20.46	20.32
10	64QAM	1	0	20.97	20.92	20.87
10	64QAM	1	25	20.91	20.88	20.87
10	64QAM	1	49	20.85	20.86	20.84
10	64QAM	25	0	19.55	19.71	19.65
10	64QAM	25	12	19.43	19.59	19.47
10	64QAM	25	25	19.28	19.48	19.28
10	64QAM	50	0	19.21	19.36	19.14



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	22.49	22.67	22.50
5	QPSK	1	12	22.58	22.56	22.64
5	QPSK	1	24	22.25	22.18	22.23
5	QPSK	12	0	21.65	21.73	21.60
5	QPSK	12	7	21.67	21.69	21.52
5	QPSK	12	13	21.48	21.44	21.51
5	QPSK	25	0	21.28	21.30	21.29
5	16QAM	1	0	22.07	22.08	22.07
5	16QAM	1	12	22.04	22.10	21.98
5	16QAM	1	24	22.04	21.89	21.88
5	16QAM	12	0	20.78	20.88	20.76
5	16QAM	12	7	20.59	20.63	20.56
5	16QAM	12	13	20.46	20.47	20.41
5	16QAM	25	0	20.30	20.38	20.38
5	64QAM	1	0	20.89	20.88	20.82
5	64QAM	1	12	20.90	20.87	20.86
5	64QAM	1	24	20.79	20.84	20.83
5	64QAM	12	0	19.66	19.72	19.61
5	64QAM	12	7	19.50	19.48	19.54
5	64QAM	12	13	19.26	19.40	19.22
5	64QAM	25	0	19.22	19.27	19.12



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	22.55	22.61	22.51
3	QPSK	1	8	22.52	22.58	22.53
3	QPSK	1	14	22.26	22.23	22.30
3	QPSK	8	0	21.62	21.63	21.63
3	QPSK	8	4	21.62	21.66	21.42
3	QPSK	8	7	21.47	21.48	21.54
3	QPSK	15	0	21.21	21.34	21.30
3	16QAM	1	0	21.99	22.14	22.05
3	16QAM	1	8	21.96	22.13	21.99
3	16QAM	1	14	21.96	21.99	21.89
3	16QAM	8	0	20.80	20.84	20.77
3	16QAM	8	4	20.58	20.62	20.54
3	16QAM	8	7	20.46	20.56	20.40
3	16QAM	15	0	20.26	20.41	20.26
3	64QAM	1	0	20.90	20.97	20.85
3	64QAM	1	8	20.90	20.92	20.92
3	64QAM	1	14	20.77	20.93	20.85
3	64QAM	8	0	19.55	19.74	19.67
3	64QAM	8	4	19.47	19.56	19.50
3	64QAM	8	7	19.28	19.47	19.28
3	64QAM	15	0	19.12	19.28	19.10



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	22.57	22.69	22.59
1.4	QPSK	1	3	22.59	22.52	22.63
1.4	QPSK	1	5	22.25	22.19	22.27
1.4	QPSK	3	0	21.59	21.63	21.69
1.4	QPSK	3	1	21.57	21.68	21.51
1.4	QPSK	3	3	21.56	21.53	21.53
1.4	QPSK	6	0	21.31	21.26	21.32
1.4	16QAM	1	0	22.00	22.08	22.10
1.4	16QAM	1	3	22.07	22.08	22.00
1.4	16QAM	1	5	21.94	21.95	21.88
1.4	16QAM	3	0	21.84	21.92	21.74
1.4	16QAM	3	1	21.58	21.68	21.58
1.4	16QAM	3	3	21.47	21.48	21.45
1.4	16QAM	6	0	21.23	21.37	21.26
1.4	64QAM	1	0	20.87	20.98	20.87
1.4	64QAM	1	3	20.92	20.92	20.91
1.4	64QAM	1	5	20.83	20.90	20.77
1.4	64QAM	3	0	19.58	19.71	19.56
1.4	64QAM	3	1	19.62	19.56	19.55
1.4	64QAM	3	3	19.53	19.51	19.50
1.4	64QAM	6	0	19.19	19.28	19.17



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	23.26	23.27	23.19
10	QPSK	1	25	23.05	23.18	23.22
10	QPSK	1	49	22.98	22.85	22.88
10	QPSK	25	0	22.37	22.41	22.27
10	QPSK	25	12	22.36	22.27	22.10
10	QPSK	25	25	22.17	22.09	22.11
10	QPSK	50	0	22.02	22.05	21.90
10	16QAM	1	0	21.79	21.73	21.74
10	16QAM	1	25	21.76	21.71	21.64
10	16QAM	1	49	21.74	21.56	21.50
10	16QAM	25	0	21.33	21.40	21.35
10	16QAM	25	12	21.29	21.30	21.20
10	16QAM	25	25	21.16	21.16	21.11
10	16QAM	50	0	21.03	21.06	20.95
10	64QAM	1	0	20.67	20.57	20.51
10	64QAM	1	25	20.67	20.54	20.54
10	64QAM	1	49	20.58	20.52	20.43
10	64QAM	25	0	19.36	19.37	19.24
10	64QAM	25	12	19.21	19.16	19.13
10	64QAM	25	25	19.07	19.08	18.87
10	64QAM	50	0	18.93	18.93	18.79



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	23.13	23.14	23.10
5	QPSK	1	12	23.02	23.17	23.09
5	QPSK	1	24	22.92	22.74	22.86
5	QPSK	12	0	22.35	22.29	22.23
5	QPSK	12	7	22.23	22.18	22.08
5	QPSK	12	13	22.12	22.07	22.00
5	QPSK	25	0	21.90	21.89	21.84
5	16QAM	1	0	21.72	21.69	21.67
5	16QAM	1	12	21.72	21.62	21.55
5	16QAM	1	24	21.68	21.45	21.41
5	16QAM	12	0	21.41	21.42	21.31
5	16QAM	12	7	21.20	21.24	21.17
5	16QAM	12	13	21.11	21.04	20.94
5	16QAM	25	0	20.90	20.99	20.91
5	64QAM	1	0	20.64	20.55	20.50
5	64QAM	1	12	20.63	20.53	20.46
5	64QAM	1	24	20.49	20.48	20.42
5	64QAM	12	0	19.24	19.33	19.16
5	64QAM	12	7	19.08	19.13	19.11
5	64QAM	12	13	19.01	19.07	19.11
5	64QAM	25	0	18.89	18.82	18.74



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	23.17	23.26	23.10
3	QPSK	1	8	23.01	23.06	23.10
3	QPSK	1	14	22.91	22.84	22.80
3	QPSK	8	0	22.31	22.26	22.14
3	QPSK	8	4	22.29	22.17	22.03
3	QPSK	8	7	22.09	22.07	22.05
3	QPSK	15	0	21.98	21.80	21.84
3	16QAM	1	0	21.71	21.60	21.65
3	16QAM	1	8	21.71	21.62	21.57
3	16QAM	1	14	21.65	21.55	21.41
3	16QAM	8	0	21.46	21.50	21.31
3	16QAM	8	4	21.27	21.24	21.09
3	16QAM	8	7	21.09	21.07	21.02
3	16QAM	15	0	20.97	20.98	20.85
3	64QAM	1	0	20.54	20.56	20.45
3	64QAM	1	8	20.63	20.43	20.43
3	64QAM	1	14	20.47	20.46	20.34
3	64QAM	8	0	19.24	19.36	19.22
3	64QAM	8	4	19.12	19.09	19.11
3	64QAM	8	7	19.01	19.01	18.90
3	64QAM	15	0	18.84	18.83	18.73



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	23.24	23.15	23.12
1.4	QPSK	1	3	22.99	23.12	23.10
1.4	QPSK	1	5	22.94	22.83	22.79
1.4	QPSK	3	0	22.26	22.20	22.21
1.4	QPSK	3	1	22.31	22.25	22.07
1.4	QPSK	3	3	22.10	22.05	22.08
1.4	QPSK	6	0	21.89	21.83	21.85
1.4	16QAM	1	0	21.76	21.67	21.72
1.4	16QAM	1	3	21.65	21.58	21.52
1.4	16QAM	1	5	21.67	21.47	21.41
1.4	16QAM	3	0	21.43	21.44	21.25
1.4	16QAM	3	1	21.22	21.18	21.16
1.4	16QAM	3	3	21.13	21.08	21.01
1.4	16QAM	6	0	20.93	20.93	20.94
1.4	64QAM	1	0	20.63	20.54	20.40
1.4	64QAM	1	3	20.58	20.48	20.48
1.4	64QAM	1	5	20.47	20.51	20.33
1.4	64QAM	3	0	19.73	19.74	19.69
1.4	64QAM	3	1	19.60	19.65	19.58
1.4	64QAM	3	3	19.51	19.55	19.54
1.4	64QAM	6	0	18.83	18.92	18.69



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	23.80	23.81	23.73
10	QPSK	1	25	23.59	23.72	23.76
10	QPSK	1	49	23.52	23.39	23.42
10	QPSK	25	0	22.91	22.95	22.81
10	QPSK	25	12	22.90	22.81	22.64
10	QPSK	25	25	22.71	22.63	22.65
10	QPSK	50	0	22.56	22.61	22.44
10	16QAM	1	0	23.33	23.27	23.28
10	16QAM	1	25	23.30	23.25	23.18
10	16QAM	1	49	23.28	23.10	23.04
10	16QAM	25	0	22.08	22.06	21.89
10	16QAM	25	12	21.83	21.84	21.74
10	16QAM	25	25	21.70	21.70	21.65
10	16QAM	50	0	21.57	21.60	21.49
10	64QAM	1	0	22.21	22.11	22.05
10	64QAM	1	25	22.21	22.08	22.08
10	64QAM	1	49	22.12	22.06	21.97
10	64QAM	25	0	20.90	20.91	20.78
10	64QAM	25	12	20.75	20.70	20.67
10	64QAM	25	25	20.61	20.62	20.41
10	64QAM	50	0	20.47	20.47	20.33



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	23.67	23.72	23.63
5	QPSK	1	12	23.54	23.69	23.74
5	QPSK	1	24	23.42	23.37	23.30
5	QPSK	12	0	22.89	22.79	22.74
5	QPSK	12	7	22.85	22.71	22.58
5	QPSK	12	13	22.66	22.51	22.52
5	QPSK	25	0	22.53	22.41	22.43
5	16QAM	1	0	23.31	23.19	23.25
5	16QAM	1	12	23.28	23.14	23.11
5	16QAM	1	24	23.25	23.01	22.97
5	16QAM	12	0	22.01	21.95	21.78
5	16QAM	12	7	21.82	21.79	21.68
5	16QAM	12	13	21.61	21.60	21.54
5	16QAM	25	0	21.52	21.50	21.44
5	64QAM	1	0	22.14	21.99	22.02
5	64QAM	1	12	22.19	22.03	22.02
5	64QAM	1	24	22.00	22.02	21.85
5	64QAM	12	0	20.81	20.88	20.73
5	64QAM	12	7	20.70	20.64	20.59
5	64QAM	12	13	20.57	20.54	20.46
5	64QAM	25	0	20.41	20.43	20.22



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	23.75	23.71	23.65
3	QPSK	1	8	23.55	23.69	23.66
3	QPSK	1	14	23.39	23.26	23.39
3	QPSK	8	0	22.82	22.72	22.75
3	QPSK	8	4	22.89	22.79	22.58
3	QPSK	8	7	22.66	22.51	22.56
3	QPSK	15	0	22.48	22.44	22.41
3	16QAM	1	0	23.23	23.16	23.16
3	16QAM	1	8	23.22	23.18	23.10
3	16QAM	1	14	23.27	23.01	22.94
3	16QAM	8	0	21.99	22.04	21.83
3	16QAM	8	4	21.79	21.72	21.61
3	16QAM	8	7	21.63	21.67	21.63
3	16QAM	15	0	21.52	21.53	21.40
3	64QAM	1	0	22.17	21.99	22.03
3	64QAM	1	8	22.09	22.03	21.98
3	64QAM	1	14	22.07	22.01	21.85
3	64QAM	8	0	20.77	20.90	20.67
3	64QAM	8	4	20.73	20.66	20.60
3	64QAM	8	7	20.56	20.51	20.42
3	64QAM	15	0	20.34	20.38	20.29



LTE Band 12						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23017	23095	23173
Frequency (MHz)				699.7	707.5	715.3
1.4	QPSK	1	0	23.67	23.63	23.57
1.4	QPSK	1	3	23.47	23.61	23.58
1.4	QPSK	1	5	23.31	23.18	23.31
1.4	QPSK	3	0	23.54	23.44	23.47
1.4	QPSK	3	1	23.61	23.51	23.30
1.4	QPSK	3	3	23.38	23.23	23.28
1.4	QPSK	6	0	22.40	22.36	22.33
1.4	16QAM	1	0	23.15	23.08	23.08
1.4	16QAM	1	3	23.14	23.10	23.02
1.4	16QAM	1	5	23.19	22.93	22.86
1.4	16QAM	3	0	22.91	22.96	22.75
1.4	16QAM	3	1	22.71	22.64	22.53
1.4	16QAM	3	3	22.55	22.59	22.55
1.4	16QAM	6	0	22.44	22.45	22.32
1.4	64QAM	1	0	22.09	21.91	21.95
1.4	64QAM	1	3	22.01	21.95	21.90
1.4	64QAM	1	5	21.99	21.93	21.77
1.4	64QAM	3	0	20.69	20.82	20.59
1.4	64QAM	3	1	20.65	20.58	20.52
1.4	64QAM	3	3	20.48	20.43	20.39
1.4	64QAM	6	0	20.26	20.30	20.21



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	/	23.77	/
10	QPSK	1	25	/	23.68	/
10	QPSK	1	49	/	23.35	/
10	QPSK	25	0	/	22.80	/
10	QPSK	25	12	/	22.77	/
10	QPSK	25	25	/	22.59	/
10	QPSK	50	0	/	22.43	/
10	16QAM	1	0	/	23.23	/
10	16QAM	1	25	/	23.21	/
10	16QAM	1	49	/	23.06	/
10	16QAM	25	0	/	22.02	/
10	16QAM	25	12	/	21.80	/
10	16QAM	25	25	/	21.66	/
10	16QAM	50	0	/	21.56	/
10	64QAM	1	0	/	22.07	/
10	64QAM	1	25	/	22.04	/
10	64QAM	1	49	/	22.02	/
10	64QAM	25	0	/	20.87	/
10	64QAM	25	12	/	20.66	/
10	64QAM	25	25	/	20.58	/
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	23.67	23.68	23.62
5	QPSK	1	12	23.51	23.61	23.69
5	QPSK	1	24	23.44	23.26	23.39
5	QPSK	12	0	22.79	22.72	22.73
5	QPSK	12	7	22.77	22.76	22.52
5	QPSK	12	13	22.68	22.48	22.64
5	QPSK	25	0	22.52	22.34	22.34
5	16QAM	1	0	23.21	23.10	23.16
5	16QAM	1	12	23.24	23.14	23.08
5	16QAM	1	24	23.17	22.98	23.03
5	16QAM	12	0	22.02	21.92	21.88
5	16QAM	12	7	21.78	21.73	21.64
5	16QAM	12	13	21.66	21.55	21.60
5	16QAM	25	0	21.46	21.51	21.48
5	64QAM	1	0	22.15	22.00	21.94
5	64QAM	1	12	22.16	21.91	21.95
5	64QAM	1	24	22.09	21.98	21.93
5	64QAM	12	0	20.77	20.75	20.75
5	64QAM	12	7	20.70	20.61	20.62
5	64QAM	12	13	20.48	20.46	20.29
5	64QAM	25	0	20.36	20.39	20.27



LTE Band 14						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				/	23330	/
Frequency (MHz)				/	793	/
10	QPSK	1	0	/	23.85	/
10	QPSK	1	25	/	23.76	/
10	QPSK	1	49	/	23.43	/
10	QPSK	25	0	/	22.88	/
10	QPSK	25	12	/	22.85	/
10	QPSK	25	25	/	22.67	/
10	QPSK	50	0	/	22.51	/
10	16QAM	1	0	/	23.31	/
10	16QAM	1	25	/	23.29	/
10	16QAM	1	49	/	23.14	/
10	16QAM	25	0	/	22.10	/
10	16QAM	25	12	/	21.88	/
10	16QAM	25	25	/	21.74	/
10	16QAM	50	0	/	21.64	/
10	64QAM	1	0	/	22.15	/
10	64QAM	1	25	/	22.12	/
10	64QAM	1	49	/	22.10	/
10	64QAM	25	0	/	20.95	/
10	64QAM	25	12	/	20.74	/
10	64QAM	25	25	/	20.66	/
10	64QAM	50	0	/	20.51	/



LTE Band 14						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23305	23330	23355
Frequency (MHz)				790.5	793	795.5
5	QPSK	1	0	23.83	23.84	23.78
5	QPSK	1	12	23.67	23.77	23.70
5	QPSK	1	24	23.60	23.42	23.55
5	QPSK	12	0	22.95	22.88	22.89
5	QPSK	12	7	22.93	22.92	22.68
5	QPSK	12	13	22.84	22.64	22.80
5	QPSK	25	0	22.68	22.50	22.50
5	16QAM	1	0	23.37	23.26	23.32
5	16QAM	1	12	23.40	23.30	23.24
5	16QAM	1	24	23.33	23.14	23.19
5	16QAM	12	0	22.18	22.08	22.04
5	16QAM	12	7	21.94	21.89	21.80
5	16QAM	12	13	21.82	21.71	21.76
5	16QAM	25	0	21.62	21.67	21.64
5	64QAM	1	0	22.31	22.16	22.10
5	64QAM	1	12	22.32	22.07	22.11
5	64QAM	1	24	22.25	22.14	22.09
5	64QAM	12	0	20.93	20.91	20.91
5	64QAM	12	7	20.86	20.77	20.78
5	64QAM	12	13	20.64	20.62	20.45
5	64QAM	25	0	20.52	20.55	20.43



LTE Band 17						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23780	23790	23800
Frequency (MHz)				709	710	711
10	QPSK	1	0	23.77	23.78	23.72
10	QPSK	1	25	23.61	23.71	23.64
10	QPSK	1	49	23.54	23.36	23.49
10	QPSK	25	0	22.89	22.91	22.83
10	QPSK	25	12	22.87	22.86	22.62
10	QPSK	25	25	22.78	22.58	22.74
10	QPSK	50	0	22.62	22.68	22.59
10	16QAM	1	0	23.31	23.20	23.26
10	16QAM	1	25	23.34	23.24	23.18
10	16QAM	1	49	23.27	23.08	23.13
10	16QAM	25	0	22.12	22.02	21.98
10	16QAM	25	12	21.88	21.83	21.74
10	16QAM	25	25	21.76	21.65	21.70
10	16QAM	50	0	21.56	21.61	21.58
10	64QAM	1	0	22.25	22.10	22.04
10	64QAM	1	25	22.26	22.01	22.05
10	64QAM	1	49	22.19	22.08	22.03
10	64QAM	25	0	20.87	20.85	20.85
10	64QAM	25	12	20.80	20.71	20.72
10	64QAM	25	25	20.58	20.56	20.39
10	64QAM	50	0	20.46	20.49	20.37



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	23.68	23.73	23.71
5	QPSK	1	12	23.55	23.67	23.54
5	QPSK	1	24	23.45	23.27	23.36
5	QPSK	12	0	22.81	22.81	22.70
5	QPSK	12	7	22.83	22.77	22.49
5	QPSK	12	13	22.72	22.50	22.66
5	QPSK	25	0	22.57	22.43	22.40
5	16QAM	1	0	23.30	23.07	23.19
5	16QAM	1	12	23.33	23.23	23.06
5	16QAM	1	24	23.24	23.06	23.04
5	16QAM	12	0	20.99	20.99	20.92
5	16QAM	12	7	20.84	20.81	20.71
5	16QAM	12	13	20.68	20.53	20.67
5	16QAM	25	0	20.50	20.55	20.50
5	64QAM	1	0	22.18	21.97	22.00
5	64QAM	1	12	22.25	21.93	22.00
5	64QAM	1	24	22.10	22.03	21.96
5	64QAM	12	0	20.81	20.84	20.84
5	64QAM	12	7	20.73	20.59	20.69
5	64QAM	12	13	20.52	20.50	20.44
5	64QAM	25	0	20.44	20.37	20.29



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	23.15	23.26	23.19
20	QPSK	1	49	23.05	23.18	23.22
20	QPSK	1	99	22.98	22.85	22.88
20	QPSK	50	0	22.37	22.41	22.27
20	QPSK	50	24	22.36	22.27	22.10
20	QPSK	50	50	22.17	22.09	22.11
20	QPSK	100	0	22.02	22.11	21.90
20	16QAM	1	0	21.79	21.73	21.74
20	16QAM	1	49	21.76	21.71	21.64
20	16QAM	1	99	21.74	21.56	21.50
20	16QAM	50	0	21.33	21.40	21.35
20	16QAM	50	24	21.29	21.30	21.20
20	16QAM	50	50	21.16	21.16	21.11
20	16QAM	100	0	21.03	21.06	20.95
20	64QAM	1	0	20.67	20.57	20.51
20	64QAM	1	49	20.67	20.54	20.54
20	64QAM	1	99	20.58	20.52	20.43
20	64QAM	50	0	19.36	19.37	19.24
20	64QAM	50	24	19.21	19.16	19.13
20	64QAM	50	50	19.07	19.08	18.87
20	64QAM	100	0	18.93	18.93	18.79



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	23.06	23.13	23.06
15	QPSK	1	37	22.93	23.07	23.10
15	QPSK	1	74	22.87	22.76	22.86
15	QPSK	36	0	22.32	22.22	22.26
15	QPSK	36	20	22.26	22.20	22.04
15	QPSK	36	39	22.16	22.02	22.04
15	QPSK	75	0	21.97	21.84	21.83
15	16QAM	1	0	21.78	21.69	21.71
15	16QAM	1	37	21.66	21.58	21.63
15	16QAM	1	74	21.64	21.44	21.42
15	16QAM	36	0	21.23	21.31	21.27
15	16QAM	36	20	21.28	21.17	21.10
15	16QAM	36	39	21.07	21.10	20.98
15	16QAM	75	0	20.98	20.95	20.87
15	64QAM	1	0	20.64	20.50	20.46
15	64QAM	1	37	20.63	20.44	20.44
15	64QAM	1	74	20.49	20.41	20.37
15	64QAM	36	0	19.23	19.25	19.18
15	64QAM	36	20	19.16	19.08	19.03
15	64QAM	36	39	19.06	19.05	18.84
15	64QAM	75	0	18.89	18.87	18.66



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	23.06	23.23	23.18
10	QPSK	1	25	23.01	23.12	23.21
10	QPSK	1	49	22.87	22.85	22.81
10	QPSK	25	0	22.29	22.18	22.14
10	QPSK	25	12	22.31	22.24	21.99
10	QPSK	25	25	22.15	21.96	22.09
10	QPSK	50	0	21.93	21.88	21.84
10	16QAM	1	0	21.73	21.64	21.68
10	16QAM	1	25	21.68	21.66	21.60
10	16QAM	1	49	21.71	21.51	21.44
10	16QAM	25	0	21.31	21.37	21.29
10	16QAM	25	12	21.17	21.23	21.19
10	16QAM	25	25	21.05	21.06	21.03
10	16QAM	50	0	20.91	20.95	20.90
10	64QAM	1	0	20.65	20.55	20.50
10	64QAM	1	25	20.55	20.49	20.52
10	64QAM	1	49	20.53	20.43	20.32
10	64QAM	25	0	19.28	19.28	19.15
10	64QAM	25	12	19.11	19.13	19.00
10	64QAM	25	25	19.05	19.07	18.80
10	64QAM	50	0	18.81	18.82	18.76



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	23.05	23.13	23.14
5	QPSK	1	12	23.01	23.13	23.14
5	QPSK	1	24	22.93	22.78	22.76
5	QPSK	12	0	22.26	22.21	22.20
5	QPSK	12	7	22.34	22.22	21.99
5	QPSK	12	13	22.05	22.08	22.08
5	QPSK	25	0	21.89	21.81	21.87
5	16QAM	1	0	21.74	21.72	21.71
5	16QAM	1	12	21.71	21.62	21.62
5	16QAM	1	24	21.73	21.45	21.40
5	16QAM	12	0	21.20	21.29	21.25
5	16QAM	12	7	21.17	21.28	21.08
5	16QAM	12	13	21.03	21.15	20.99
5	16QAM	25	0	21.00	21.01	20.91
5	64QAM	1	0	20.57	20.56	20.49
5	64QAM	1	12	20.54	20.53	20.44
5	64QAM	1	24	20.46	20.44	20.41
5	64QAM	12	0	19.33	19.33	19.13
5	64QAM	12	7	19.18	19.13	19.00
5	64QAM	12	13	19.02	19.00	18.83
5	64QAM	25	0	18.85	18.80	18.66



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	23.04	23.19	23.10
3	QPSK	1	8	22.92	23.06	23.10
3	QPSK	1	14	22.88	22.80	22.82
3	QPSK	8	0	22.24	22.21	22.17
3	QPSK	8	4	22.31	22.14	21.97
3	QPSK	8	7	22.15	22.02	22.03
3	QPSK	15	0	21.96	21.81	21.81
3	16QAM	1	0	21.70	21.69	21.69
3	16QAM	1	8	21.70	21.60	21.55
3	16QAM	1	14	21.70	21.47	21.44
3	16QAM	8	0	21.31	21.35	21.29
3	16QAM	8	4	21.20	21.25	21.12
3	16QAM	8	7	21.14	21.14	21.02
3	16QAM	15	0	20.98	21.02	20.87
3	64QAM	1	0	20.65	20.49	20.49
3	64QAM	1	8	20.54	20.51	20.53
3	64QAM	1	14	20.50	20.40	20.32
3	64QAM	8	0	19.28	19.36	19.20
3	64QAM	8	4	19.09	19.12	19.02
3	64QAM	8	7	18.96	18.96	18.90
3	64QAM	15	0	18.84	18.80	18.67



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	23.12	23.24	23.16
1.4	QPSK	1	3	23.00	23.10	23.17
1.4	QPSK	1	5	22.93	22.79	22.82
1.4	QPSK	3	0	22.27	22.27	22.17
1.4	QPSK	3	1	22.31	22.19	22.08
1.4	QPSK	3	3	22.05	21.99	22.08
1.4	QPSK	6	0	21.90	21.87	21.86
1.4	16QAM	1	0	21.73	21.67	21.62
1.4	16QAM	1	3	21.75	21.58	21.56
1.4	16QAM	1	5	21.72	21.55	21.42
1.4	16QAM	3	0	21.32	21.34	21.24
1.4	16QAM	3	1	21.16	21.19	21.15
1.4	16QAM	3	3	21.07	21.10	21.08
1.4	16QAM	6	0	20.96	21.02	20.88
1.4	64QAM	1	0	20.57	20.53	20.39
1.4	64QAM	1	3	20.62	20.45	20.52
1.4	64QAM	1	5	20.48	20.48	20.40
1.4	64QAM	3	0	19.61	19.65	19.53
1.4	64QAM	3	1	19.69	19.71	19.62
1.4	64QAM	3	3	19.59	19.54	19.50
1.4	64QAM	6	0	18.82	18.85	18.73



Band26 Part22						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26865	26915	26965
Frequency (MHz)				831.5	836.5	841.5
15	QPSK	1	0	23.82	23.76	23.75
15	QPSK	1	37	23.74	23.76	23.78
15	QPSK	1	74	23.41	23.37	23.44
15	QPSK	36	0	22.95	22.87	22.83
15	QPSK	36	20	22.83	22.69	22.66
15	QPSK	36	39	22.65	22.62	22.67
15	QPSK	75	0	22.61	22.57	22.56
15	16QAM	1	0	22.29	22.24	22.30
15	16QAM	1	37	22.27	22.23	22.20
15	16QAM	1	74	22.12	22.05	22.06
15	16QAM	36	0	21.96	21.91	21.91
15	16QAM	36	20	21.86	21.77	21.76
15	16QAM	36	39	21.72	21.67	21.67
15	16QAM	75	0	21.62	21.53	21.51
15	64QAM	1	0	21.13	21.09	21.07
15	64QAM	1	37	21.10	21.09	21.10
15	64QAM	1	74	21.08	21.03	20.99
15	64QAM	36	0	19.93	19.85	19.80
15	64QAM	36	20	19.72	19.66	19.69
15	64QAM	36	39	19.64	19.53	19.43
15	64QAM	75	0	19.49	19.41	19.35



Band26 Part22						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26840	26915	26990
Frequency (MHz)				829.0	836.5	844.0
10	QPSK	1	0	23.58	23.65	23.70
10	QPSK	1	25	23.56	23.60	23.67
10	QPSK	1	49	23.32	23.36	23.38
10	QPSK	25	0	22.78	22.70	22.81
10	QPSK	25	12	22.50	22.60	22.62
10	QPSK	25	25	22.53	22.44	22.54
10	QPSK	50	0	22.34	22.36	22.37
10	16QAM	1	0	22.15	22.14	22.19
10	16QAM	1	25	22.06	22.08	22.14
10	16QAM	1	49	21.92	21.96	22.04
10	16QAM	25	0	21.80	21.85	21.90
10	16QAM	25	12	21.62	21.65	21.72
10	16QAM	25	25	21.45	21.42	21.54
10	16QAM	50	0	21.72	21.78	21.79
10	64QAM	1	0	20.90	20.89	20.98
10	64QAM	1	25	21.03	20.99	21.05
10	64QAM	1	49	20.87	20.84	20.91
10	64QAM	25	0	19.61	19.59	19.69
10	64QAM	25	12	19.51	19.55	19.60
10	64QAM	25	25	19.42	19.36	19.48
10	64QAM	50	0	19.15	19.17	19.23



Band26 Part22						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26815	26915	27015
Frequency (MHz)				826.5	836.5	846.5
5	QPSK	1	0	23.57	23.61	23.64
5	QPSK	1	12	23.60	23.67	23.68
5	QPSK	1	24	23.30	23.33	23.38
5	QPSK	12	0	22.72	22.77	22.81
5	QPSK	12	7	22.43	22.44	22.55
5	QPSK	12	13	22.56	22.52	22.60
5	QPSK	25	0	22.34	22.32	22.41
5	16QAM	1	0	22.16	22.09	22.18
5	16QAM	1	12	22.13	22.08	22.17
5	16QAM	1	24	21.96	21.98	22.03
5	16QAM	12	0	21.78	21.77	21.86
5	16QAM	12	7	21.62	21.55	21.65
5	16QAM	12	13	21.89	21.87	21.94
5	16QAM	25	0	21.70	21.67	21.72
5	64QAM	1	0	20.91	20.95	20.97
5	64QAM	1	12	20.93	21.00	21.04
5	64QAM	1	24	20.82	20.88	20.94
5	64QAM	12	0	19.65	19.69	19.75
5	64QAM	12	7	19.51	19.56	19.58
5	64QAM	12	13	19.34	19.44	19.46
5	64QAM	25	0	19.23	19.23	19.33



Band26 Part22						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26805	26915	27025
Frequency (MHz)				825.5	836.5	847.5
3	QPSK	1	0	23.57	23.51	23.63
3	QPSK	1	8	23.65	23.63	23.70
3	QPSK	1	14	23.41	23.41	23.42
3	QPSK	8	0	22.71	22.77	22.79
3	QPSK	8	4	22.51	22.47	22.58
3	QPSK	8	7	22.52	22.50	22.57
3	QPSK	15	0	22.23	22.30	22.35
3	16QAM	1	0	22.21	22.13	22.23
3	16QAM	1	8	21.95	22.01	22.07
3	16QAM	1	14	21.83	21.83	21.93
3	16QAM	8	0	21.78	21.77	21.84
3	16QAM	8	4	21.66	21.64	21.74
3	16QAM	8	7	21.55	21.54	21.59
3	16QAM	15	0	21.74	21.74	21.78
3	64QAM	1	0	20.89	20.91	21.00
3	64QAM	1	8	20.93	20.98	21.04
3	64QAM	1	14	20.88	20.84	20.96
3	64QAM	8	0	19.74	19.63	19.75
3	64QAM	8	4	19.51	19.44	19.56
3	64QAM	8	7	19.34	19.29	19.41
3	64QAM	15	0	19.24	19.28	19.30



Band26 Part22						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26797	26915	27033
Frequency (MHz)				824.7	836.5	848.3
1.4	QPSK	1	0	23.60	23.65	23.67
1.4	QPSK	1	3	23.64	23.57	23.67
1.4	QPSK	1	5	23.29	23.35	23.40
1.4	QPSK	3	0	22.63	22.64	22.71
1.4	QPSK	3	1	22.55	22.58	22.65
1.4	QPSK	3	3	22.51	22.56	22.63
1.4	QPSK	6	0	22.26	22.25	22.35
1.4	16QAM	1	0	22.25	22.14	22.26
1.4	16QAM	1	3	21.99	22.00	22.09
1.4	16QAM	1	5	21.95	21.91	21.97
1.4	16QAM	3	0	21.72	21.71	21.82
1.4	16QAM	3	1	21.74	21.73	21.75
1.4	16QAM	3	3	21.89	21.91	21.94
1.4	16QAM	6	0	21.34	21.36	21.45
1.4	64QAM	1	0	21.93	21.92	21.94
1.4	64QAM	1	3	21.86	21.86	21.94
1.4	64QAM	1	5	21.75	21.69	21.77
1.4	64QAM	3	0	20.91	20.95	20.96
1.4	64QAM	3	1	20.80	20.77	20.81
1.4	64QAM	3	3	20.52	20.53	20.62
1.4	64QAM	6	0	19.47	19.43	19.54



Band26 Part90						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				/	26915	/
Frequency (MHz)				/	836.5	/
10	QPSK	1	0	/	23.65	/
10	QPSK	1	25	/	23.53	/
10	QPSK	1	49	/	23.51	/
10	QPSK	25	0	/	22.83	/
10	QPSK	25	12	/	22.86	/
10	QPSK	25	25	/	22.65	/
10	QPSK	50	0	/	22.57	/
10	16QAM	1	0	/	22.23	/
10	16QAM	1	25	/	22.31	/
10	16QAM	1	49	/	22.26	/
10	16QAM	25	0	/	21.78	/
10	16QAM	25	12	/	21.75	/
10	16QAM	25	25	/	21.70	/
10	16QAM	50	0	/	21.87	/
10	64QAM	1	0	/	21.12	/
10	64QAM	1	25	/	21.19	/
10	64QAM	1	49	/	21.04	/
10	64QAM	25	0	/	19.80	/
10	64QAM	25	12	/	19.71	/
10	64QAM	25	25	/	19.58	/
10	64QAM	50	0	/	19.36	/



Band26 Part90						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26815	26915	27015
Frequency (MHz)				826.5	836.5	846.5
5	QPSK	1	0	23.60	23.52	23.52
5	QPSK	1	12	23.57	23.51	23.53
5	QPSK	1	24	23.41	23.40	23.35
5	QPSK	12	0	22.80	22.71	22.76
5	QPSK	12	7	22.86	22.81	22.75
5	QPSK	12	13	22.62	22.61	22.61
5	QPSK	25	0	22.51	22.41	22.48
5	16QAM	1	0	22.30	22.27	22.19
5	16QAM	1	12	22.22	22.21	22.17
5	16QAM	1	24	22.29	22.19	22.18
5	16QAM	12	0	21.87	21.83	21.80
5	16QAM	12	7	21.78	21.69	21.67
5	16QAM	12	13	21.91	21.81	21.85
5	16QAM	25	0	21.79	21.73	21.70
5	64QAM	1	0	21.16	21.15	21.09
5	64QAM	1	12	21.12	21.10	21.05
5	64QAM	1	24	21.03	20.99	20.92
5	64QAM	12	0	19.88	19.84	19.78
5	64QAM	12	7	19.71	19.61	19.70
5	64QAM	12	13	19.55	19.49	19.54
5	64QAM	25	0	19.46	19.40	19.42



Band26 Part90						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26805	26915	27025
Frequency (MHz)				825.5	836.5	847.5
3	QPSK	1	0	23.62	23.50	23.56
3	QPSK	1	8	23.51	23.40	23.47
3	QPSK	1	14	23.48	23.39	23.41
3	QPSK	8	0	22.89	22.82	22.80
3	QPSK	8	4	22.86	22.74	22.77
3	QPSK	8	7	22.67	22.59	22.55
3	QPSK	15	0	22.50	22.46	22.41
3	16QAM	1	0	22.28	22.19	22.18
3	16QAM	1	8	22.25	22.18	22.17
3	16QAM	1	14	22.28	22.18	22.19
3	16QAM	8	0	21.82	21.80	21.79
3	16QAM	8	4	21.75	21.71	21.63
3	16QAM	8	7	21.61	21.60	21.60
3	16QAM	15	0	21.83	21.78	21.81
3	64QAM	1	0	21.17	21.08	21.15
3	64QAM	1	8	21.18	21.06	21.12
3	64QAM	1	14	21.05	20.98	20.97
3	64QAM	8	0	19.84	19.80	19.79
3	64QAM	8	4	19.76	19.64	19.71
3	64QAM	8	7	19.52	19.44	19.43
3	64QAM	15	0	19.40	19.29	19.35



Band26 Part90						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26797	26915	27033
Frequency (MHz)				824.7	836.5	848.3
1.4	QPSK	1	0	23.66	23.58	23.55
1.4	QPSK	1	3	23.54	23.50	23.53
1.4	QPSK	1	5	23.45	23.41	23.34
1.4	QPSK	3	0	22.83	22.78	22.82
1.4	QPSK	3	1	22.87	22.83	22.86
1.4	QPSK	3	3	22.62	22.56	22.51
1.4	QPSK	6	0	22.56	22.46	22.51
1.4	16QAM	1	0	22.28	22.16	22.23
1.4	16QAM	1	3	22.27	22.24	22.20
1.4	16QAM	1	5	22.21	22.17	22.09
1.4	16QAM	3	0	21.83	21.79	21.80
1.4	16QAM	3	1	21.84	21.75	21.77
1.4	16QAM	3	3	21.95	21.86	21.85
1.4	16QAM	6	0	21.56	21.52	21.50
1.4	64QAM	1	0	22.02	21.90	21.98
1.4	64QAM	1	3	22.09	22.05	22.00
1.4	64QAM	1	5	21.92	21.87	21.91
1.4	64QAM	3	0	21.00	20.92	20.94
1.4	64QAM	3	1	20.95	20.83	20.91
1.4	64QAM	3	3	20.73	20.68	20.70
1.4	64QAM	6	0	19.77	19.68	19.73



LTE Band 30						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				/	27710	/
Frequency (MHz)				/	2310	/
10	QPSK	1	0	/	23.80	/
10	QPSK	1	25	/	23.72	/
10	QPSK	1	49	/	23.39	/
10	QPSK	25	0	/	22.84	/
10	QPSK	25	12	/	22.81	/
10	QPSK	25	25	/	22.63	/
10	QPSK	50	0	/	22.47	/
10	16QAM	1	0	/	22.27	/
10	16QAM	1	25	/	22.25	/
10	16QAM	1	49	/	22.10	/
10	16QAM	25	0	/	21.94	/
10	16QAM	25	12	/	21.84	/
10	16QAM	25	25	/	21.81	/
10	16QAM	50	0	/	21.71	/
10	64QAM	1	0	/	21.11	/
10	64QAM	1	25	/	21.08	/
10	64QAM	1	49	/	21.06	/
10	64QAM	25	0	/	19.91	/
10	64QAM	25	12	/	19.70	/
10	64QAM	25	25	/	19.62	/
10	64QAM	50	0	/	19.50	/



LTE Band 30						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				27685	27710	27735
Frequency (MHz)				2307.5	2310	2312.5
5	QPSK	1	0	23.64	23.77	23.72
5	QPSK	1	12	23.60	23.79	23.75
5	QPSK	1	24	23.50	23.32	23.54
5	QPSK	12	0	22.98	22.85	22.84
5	QPSK	12	7	22.91	22.82	22.69
5	QPSK	12	13	22.66	22.66	22.72
5	QPSK	25	0	22.47	22.53	22.41
5	16QAM	1	0	22.39	22.29	22.28
5	16QAM	1	12	22.27	22.22	22.12
5	16QAM	1	24	22.37	22.15	22.06
5	16QAM	12	0	21.99	22.00	21.84
5	16QAM	12	7	21.84	21.75	21.70
5	16QAM	12	13	21.77	21.73	21.68
5	16QAM	25	0	21.63	21.73	21.60
5	64QAM	1	0	21.25	21.14	21.08
5	64QAM	1	12	21.26	21.12	21.18
5	64QAM	1	24	21.15	21.02	21.09
5	64QAM	12	0	19.94	19.99	19.75
5	64QAM	12	7	19.82	19.72	19.69
5	64QAM	12	13	19.63	19.54	19.54
5	64QAM	25	0	19.48	19.58	19.27



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				39750	40620	41490
Frequency (MHz)				2506	2593	2680
20	QPSK	1	0	25.66	25.81	25.57
20	QPSK	1	49	25.65	25.69	25.69
20	QPSK	1	99	25.52	25.53	25.53
20	QPSK	50	0	24.26	24.52	24.22
20	QPSK	50	24	24.37	24.30	24.30
20	QPSK	50	50	24.30	24.26	24.26
20	QPSK	100	0	24.43	24.51	24.42
20	16QAM	1	0	24.16	24.29	24.29
20	16QAM	1	49	24.24	24.00	24.05
20	16QAM	1	99	24.08	24.33	24.33
20	16QAM	50	0	23.79	23.68	23.68
20	16QAM	50	24	24.01	23.78	23.78
20	16QAM	50	50	23.80	23.63	23.63
20	16QAM	100	0	23.60	23.51	23.51
20	64QAM	1	0	23.31	23.32	23.32
20	64QAM	1	49	23.44	23.32	23.32
20	64QAM	1	99	23.47	23.30	23.30
20	64QAM	50	0	22.45	22.36	22.36
20	64QAM	50	24	22.51	22.38	22.38
20	64QAM	50	50	22.25	22.22	22.22
20	64QAM	100	0	22.19	22.38	22.38



LTE Band 41 (Power Class 2)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39725	40620	41515
Frequency (MHz)				2503.5	2593	2682.5
15	QPSK	1	0	25.58	25.73	25.49
15	QPSK	1	37	25.57	25.61	25.61
15	QPSK	1	74	25.44	25.45	25.45
15	QPSK	36	0	24.18	24.14	24.14
15	QPSK	36	20	24.29	24.22	24.22
15	QPSK	36	39	24.22	24.18	24.18
15	QPSK	75	0	24.35	24.34	24.34
15	16QAM	1	0	24.08	24.21	24.21
15	16QAM	1	37	24.16	24.00	24.00
15	16QAM	1	74	24.00	24.25	24.25
15	16QAM	36	0	23.71	23.60	23.60
15	16QAM	36	20	23.93	23.70	23.70
15	16QAM	36	39	23.72	23.55	23.55
15	16QAM	75	0	23.52	23.43	23.43
15	64QAM	1	0	23.23	23.24	23.24
15	64QAM	1	37	23.36	23.24	23.24
15	64QAM	1	74	23.39	23.22	23.22
15	64QAM	36	0	22.37	22.28	22.28
15	64QAM	36	20	22.43	22.30	22.30
15	64QAM	36	39	22.17	22.14	22.14
15	64QAM	75	0	22.11	22.30	22.30



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	25.50	25.65	25.41
10	QPSK	1	25	25.49	25.53	25.53
10	QPSK	1	49	25.36	25.37	25.37
10	QPSK	25	0	24.10	24.06	24.06
10	QPSK	25	12	24.21	24.14	24.14
10	QPSK	25	25	24.14	24.10	24.10
10	QPSK	50	0	24.27	24.26	24.26
10	16QAM	1	0	24.00	24.13	24.13
10	16QAM	1	25	24.16	24.00	24.00
10	16QAM	1	49	24.00	24.25	24.25
10	16QAM	25	0	23.63	23.52	23.52
10	16QAM	25	12	23.85	23.62	23.62
10	16QAM	25	25	23.64	23.47	23.47
10	16QAM	50	0	23.44	23.35	23.35
10	64QAM	1	0	23.15	23.16	23.16
10	64QAM	1	25	23.28	23.16	23.16
10	64QAM	1	49	23.31	23.14	23.14
10	64QAM	25	0	22.29	22.20	22.20
10	64QAM	25	12	22.35	22.22	22.22
10	64QAM	25	25	22.09	22.06	22.06
10	64QAM	50	0	22.03	22.22	22.22



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	25.45	25.60	25.36
5	QPSK	1	12	25.44	25.48	25.48
5	QPSK	1	24	25.31	25.32	25.32
5	QPSK	12	0	24.05	24.01	24.01
5	QPSK	12	7	24.16	24.09	24.09
5	QPSK	12	13	24.09	24.05	24.05
5	QPSK	25	0	24.22	24.21	24.21
5	16QAM	1	0	24.01	24.14	24.14
5	16QAM	1	12	24.17	24.01	24.01
5	16QAM	1	24	24.01	24.20	24.20
5	16QAM	12	0	23.58	23.47	23.47
5	16QAM	12	7	23.80	23.57	23.57
5	16QAM	12	13	23.59	23.42	23.42
5	16QAM	25	0	23.39	23.30	23.30
5	64QAM	1	0	23.10	23.11	23.11
5	64QAM	1	12	23.23	23.11	23.11
5	64QAM	1	24	23.26	23.09	23.09
5	64QAM	12	0	22.24	22.15	22.15
5	64QAM	12	7	22.30	22.17	22.17
5	64QAM	12	13	22.04	22.01	22.01
5	64QAM	25	0	22.04	22.17	22.17



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	23.50	23.66	23.44
20	QPSK	1	49	23.53	23.57	23.57
20	QPSK	1	99	23.40	23.41	23.41
20	QPSK	50	0	22.77	23.02	22.73
20	QPSK	50	24	22.88	22.81	22.81
20	QPSK	50	50	22.81	22.77	22.77
20	QPSK	100	0	22.94	22.99	22.93
20	16QAM	1	0	22.67	22.80	22.80
20	16QAM	1	49	22.75	22.50	22.50
20	16QAM	1	99	22.59	22.84	22.84
20	16QAM	50	0	22.30	22.19	22.19
20	16QAM	50	24	22.52	22.29	22.29
20	16QAM	50	50	22.31	22.14	22.14
20	16QAM	100	0	22.11	22.02	22.02
20	64QAM	1	0	21.82	21.83	21.83
20	64QAM	1	49	21.95	21.83	21.83
20	64QAM	1	99	21.98	21.81	21.81
20	64QAM	50	0	20.96	20.87	20.87
20	64QAM	50	24	21.02	20.89	20.89
20	64QAM	50	50	20.76	20.73	20.73
20	64QAM	100	0	20.70	20.89	20.89



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	23.42	23.58	23.36
15	QPSK	1	37	23.45	23.49	23.49
15	QPSK	1	74	23.32	23.33	23.33
15	QPSK	36	0	22.69	22.65	22.65
15	QPSK	36	20	22.80	22.73	22.73
15	QPSK	36	39	22.73	22.69	22.69
15	QPSK	75	0	22.86	22.85	22.85
15	16QAM	1	0	22.59	22.72	22.72
15	16QAM	1	37	22.67	22.42	22.42
15	16QAM	1	74	22.51	22.76	22.76
15	16QAM	36	0	22.22	22.11	22.11
15	16QAM	36	20	22.44	22.21	22.21
15	16QAM	36	39	22.23	22.06	22.06
15	16QAM	75	0	22.03	21.94	21.94
15	64QAM	1	0	21.74	21.75	21.75
15	64QAM	1	37	21.87	21.75	21.75
15	64QAM	1	74	21.90	21.73	21.73
15	64QAM	36	0	20.88	20.79	20.79
15	64QAM	36	20	20.94	20.81	20.81
15	64QAM	36	39	20.68	20.65	20.65
15	64QAM	75	0	20.62	20.81	20.81



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	23.34	23.50	23.28
10	QPSK	1	25	23.37	23.41	23.41
10	QPSK	1	49	23.24	23.25	23.25
10	QPSK	25	0	22.61	22.57	22.57
10	QPSK	25	12	22.72	22.65	22.65
10	QPSK	25	25	22.65	22.61	22.61
10	QPSK	50	0	22.78	22.77	22.77
10	16QAM	1	0	22.51	22.64	22.64
10	16QAM	1	25	22.59	22.34	22.34
10	16QAM	1	49	22.43	22.68	22.68
10	16QAM	25	0	22.14	22.03	22.03
10	16QAM	25	12	22.36	22.13	22.13
10	16QAM	25	25	22.15	21.98	21.98
10	16QAM	50	0	21.95	21.86	21.86
10	64QAM	1	0	21.66	21.67	21.67
10	64QAM	1	25	21.79	21.67	21.67
10	64QAM	1	49	21.82	21.65	21.65
10	64QAM	25	0	20.80	20.71	20.71
10	64QAM	25	12	20.86	20.73	20.73
10	64QAM	25	25	20.60	20.57	20.57
10	64QAM	50	0	20.54	20.73	20.73



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	23.29	23.45	23.23
5	QPSK	1	12	23.32	23.36	23.36
5	QPSK	1	24	23.19	23.20	23.20
5	QPSK	12	0	22.56	22.52	22.52
5	QPSK	12	7	22.67	22.60	22.60
5	QPSK	12	13	22.60	22.56	22.56
5	QPSK	25	0	22.73	22.72	22.72
5	16QAM	1	0	22.46	22.59	22.59
5	16QAM	1	12	22.54	22.29	22.29
5	16QAM	1	24	22.38	22.63	22.63
5	16QAM	12	0	22.09	21.98	21.98
5	16QAM	12	7	22.31	22.08	22.08
5	16QAM	12	13	22.10	21.93	21.93
5	16QAM	25	0	21.90	21.81	21.81
5	64QAM	1	0	21.61	21.62	21.62
5	64QAM	1	12	21.74	21.62	21.62
5	64QAM	1	24	21.77	21.60	21.60
5	64QAM	12	0	20.75	20.66	20.66
5	64QAM	12	7	20.81	20.68	20.68
5	64QAM	12	13	20.55	20.52	20.52
5	64QAM	25	0	20.49	20.68	20.68



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	22.70	22.81	22.69
20	QPSK	1	49	22.64	22.70	22.69
20	QPSK	1	99	22.37	22.41	22.39
20	QPSK	50	0	21.58	21.65	21.63
20	QPSK	50	24	21.53	21.58	21.49
20	QPSK	50	50	21.42	21.49	21.47
20	QPSK	100	0	21.21	21.32	21.25
20	16QAM	1	0	22.04	22.06	22.03
20	16QAM	1	49	21.93	22.01	21.92
20	16QAM	1	99	21.91	21.94	21.87
20	16QAM	50	0	20.42	20.48	20.37
20	16QAM	50	24	20.21	20.35	20.17
20	16QAM	50	50	20.06	20.17	20.05
20	16QAM	100	0	19.84	20.02	19.98
20	64QAM	1	0	20.56	20.58	20.51
20	64QAM	1	49	20.48	20.51	20.48
20	64QAM	1	99	20.48	20.48	20.36
20	64QAM	50	0	19.27	19.36	19.21
20	64QAM	50	24	19.14	19.20	19.17
20	64QAM	50	50	18.93	19.07	18.89
20	64QAM	100	0	18.86	18.91	18.84



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				132047	132322	132597
Frequency (MHz)				1717.5	1745	1772.5
15	QPSK	1	0	22.67	22.72	22.68
15	QPSK	1	37	22.56	22.63	22.60
15	QPSK	1	74	22.34	22.35	22.35
15	QPSK	36	0	21.51	21.61	21.60
15	QPSK	36	20	21.69	21.68	21.59
15	QPSK	36	39	21.57	21.57	21.63
15	QPSK	75	0	21.57	21.69	21.56
15	16QAM	1	0	21.91	21.93	21.99
15	16QAM	1	37	21.90	21.93	21.83
15	16QAM	1	74	21.86	21.88	21.79
15	16QAM	36	0	20.41	20.44	20.28
15	16QAM	36	20	20.11	20.22	20.05
15	16QAM	36	39	19.97	20.14	20.03
15	16QAM	75	0	19.74	19.92	19.96
15	64QAM	1	0	20.46	20.53	20.46
15	64QAM	1	37	20.37	20.45	20.47
15	64QAM	1	74	20.35	20.39	20.31
15	64QAM	36	0	19.14	19.24	19.18
15	64QAM	36	20	19.04	19.17	19.14
15	64QAM	36	39	18.80	18.95	18.83
15	64QAM	75	0	18.74	18.83	18.81



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	22.68	22.74	22.56
10	QPSK	1	25	22.62	22.69	22.62
10	QPSK	1	49	22.35	22.35	22.34
10	QPSK	25	0	21.51	21.62	21.51
10	QPSK	25	12	21.63	21.68	21.60
10	QPSK	25	25	21.52	21.62	21.59
10	QPSK	50	0	21.31	21.40	21.35
10	16QAM	1	0	21.96	21.99	22.00
10	16QAM	1	25	21.85	21.91	21.88
10	16QAM	1	49	21.85	21.83	21.79
10	16QAM	25	0	20.31	20.37	20.32
10	16QAM	25	12	20.20	20.22	20.04
10	16QAM	25	25	19.95	20.12	19.95
10	16QAM	50	0	19.79	20.00	19.85
10	64QAM	1	0	20.45	20.54	20.38
10	64QAM	1	25	20.37	20.39	20.44
10	64QAM	1	49	20.40	20.39	20.29
10	64QAM	25	0	19.25	19.26	19.19
10	64QAM	25	12	19.02	19.15	19.14
10	64QAM	25	25	18.81	18.97	18.84
10	64QAM	50	0	18.78	18.88	18.73



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	22.61	22.70	22.58
5	QPSK	1	12	22.54	22.57	22.56
5	QPSK	1	24	22.34	22.30	22.29
5	QPSK	12	0	21.14	21.24	21.21
5	QPSK	12	7	21.13	21.21	21.09
5	QPSK	12	13	20.98	21.08	21.11
5	QPSK	25	0	20.74	20.89	20.80
5	16QAM	1	0	21.67	21.63	21.61
5	16QAM	1	12	21.53	21.65	21.51
5	16QAM	1	24	21.49	21.58	21.43
5	16QAM	12	0	20.35	20.36	20.24
5	16QAM	12	7	20.14	20.31	20.04
5	16QAM	12	13	20.00	20.06	19.93
5	16QAM	25	0	19.77	19.93	19.95
5	64QAM	1	0	20.49	20.46	20.41
5	64QAM	1	12	20.43	20.46	20.44
5	64QAM	1	24	20.46	20.35	20.24
5	64QAM	12	0	19.18	19.19	19.09
5	64QAM	12	7	19.08	19.16	19.05
5	64QAM	12	13	18.90	19.01	18.76
5	64QAM	25	0	18.76	18.80	18.79



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	22.63	22.70	22.68
3	QPSK	1	8	22.60	22.66	22.56
3	QPSK	1	14	22.34	22.29	22.26
3	QPSK	8	0	21.10	21.20	21.23
3	QPSK	8	4	21.08	21.17	21.02
3	QPSK	8	7	20.96	21.06	21.03
3	QPSK	15	0	20.82	20.94	20.88
3	16QAM	1	0	21.60	21.66	21.63
3	16QAM	1	8	21.51	21.57	21.53
3	16QAM	1	14	21.51	21.50	21.48
3	16QAM	8	0	20.41	20.42	20.28
3	16QAM	8	4	20.12	20.25	20.04
3	16QAM	8	7	19.93	20.13	19.94
3	16QAM	15	0	19.80	19.98	19.93
3	64QAM	1	0	20.45	20.46	20.43
3	64QAM	1	8	20.46	20.42	20.42
3	64QAM	1	14	20.46	20.45	20.23
3	64QAM	8	0	19.24	19.29	19.08
3	64QAM	8	4	19.02	19.17	19.11
3	64QAM	8	7	18.81	18.99	18.85
3	64QAM	15	0	18.83	18.90	18.71



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	22.58	22.65	22.63
1.4	QPSK	1	3	22.55	22.61	22.51
1.4	QPSK	1	5	22.29	22.24	22.21
1.4	QPSK	3	0	22.56	22.66	22.69
1.4	QPSK	3	1	22.54	22.63	22.48
1.4	QPSK	3	3	22.42	22.52	22.49
1.4	QPSK	6	0	20.77	20.89	20.83
1.4	16QAM	1	0	21.55	21.61	21.58
1.4	16QAM	1	3	21.46	21.52	21.48
1.4	16QAM	1	5	21.46	21.45	21.43
1.4	16QAM	3	0	21.36	21.37	21.23
1.4	16QAM	3	1	21.07	21.20	20.99
1.4	16QAM	3	3	20.88	21.08	20.89
1.4	16QAM	6	0	19.75	19.93	19.88
1.4	64QAM	1	0	20.40	20.41	20.38
1.4	64QAM	1	3	20.41	20.37	20.37
1.4	64QAM	1	5	20.41	20.40	20.18
1.4	64QAM	3	0	20.19	20.24	20.03
1.4	64QAM	3	1	19.97	20.12	20.06
1.4	64QAM	3	3	19.76	19.94	19.80
1.4	64QAM	6	0	18.78	18.85	18.66



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	22.28	22.39	22.27
20	QPSK	1	49	22.22	22.28	22.27
20	QPSK	1	99	21.95	21.99	21.97
20	QPSK	50	0	21.67	21.74	21.72
20	QPSK	50	24	21.62	21.67	21.58
20	QPSK	50	50	21.51	21.58	21.56
20	QPSK	100	0	21.49	21.60	21.53
20	16QAM	1	0	22.13	22.15	22.12
20	16QAM	1	49	22.02	22.10	22.01
20	16QAM	1	99	22.00	22.03	21.96
20	16QAM	50	0	20.51	20.57	20.46
20	16QAM	50	24	20.30	20.44	20.26
20	16QAM	50	50	20.15	20.26	20.14
20	16QAM	100	0	19.93	20.11	20.07
20	64QAM	1	0	20.65	20.67	20.60
20	64QAM	1	49	20.57	20.60	20.57
20	64QAM	1	99	20.57	20.57	20.45
20	64QAM	50	0	19.36	19.45	19.30
20	64QAM	50	24	19.23	19.29	19.26
20	64QAM	50	50	19.02	19.16	18.98
20	64QAM	100	0	18.95	19.00	18.93



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	22.18	22.32	22.26
15	QPSK	1	37	22.21	22.18	22.26
15	QPSK	1	74	21.89	21.95	21.91
15	QPSK	36	0	21.63	21.64	21.59
15	QPSK	36	20	21.59	21.64	21.50
15	QPSK	36	39	21.63	21.68	21.67
15	QPSK	75	0	21.43	21.52	21.44
15	16QAM	1	0	22.00	22.07	22.09
15	16QAM	1	37	21.91	22.06	21.97
15	16QAM	1	74	21.94	21.91	21.83
15	16QAM	36	0	20.50	20.45	20.33
15	16QAM	36	20	20.26	20.38	20.18
15	16QAM	36	39	20.09	20.14	20.08
15	16QAM	75	0	19.88	20.00	19.94
15	64QAM	1	0	20.57	20.61	20.52
15	64QAM	1	37	20.52	20.47	20.51
15	64QAM	1	74	20.56	20.48	20.32
15	64QAM	36	0	19.29	19.37	19.22
15	64QAM	36	20	19.15	19.23	19.15
15	64QAM	36	39	18.94	19.14	18.91
15	64QAM	75	0	18.85	18.91	18.83



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	22.19	22.33	22.18
10	QPSK	1	25	22.15	22.17	22.22
10	QPSK	1	49	21.93	21.94	21.94
10	QPSK	25	0	21.66	21.68	21.68
10	QPSK	25	12	21.57	21.63	21.54
10	QPSK	25	25	21.65	21.68	21.66
10	QPSK	50	0	21.37	21.59	21.42
10	16QAM	1	0	22.08	22.14	22.01
10	16QAM	1	25	21.93	21.98	21.97
10	16QAM	1	49	21.89	21.94	21.90
10	16QAM	25	0	20.40	20.41	20.35
10	16QAM	25	12	20.22	20.40	20.21
10	16QAM	25	25	20.03	20.21	20.03
10	16QAM	50	0	19.89	19.98	19.99
10	64QAM	1	0	20.63	20.57	20.51
10	64QAM	1	25	20.49	20.57	20.48
10	64QAM	1	49	20.55	20.44	20.33
10	64QAM	25	0	19.30	19.31	19.21
10	64QAM	25	12	19.18	19.26	19.14
10	64QAM	25	25	19.00	19.11	18.85
10	64QAM	50	0	18.86	18.91	18.85



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	22.22	22.28	22.19
5	QPSK	1	12	22.18	22.20	22.24
5	QPSK	1	24	21.83	21.95	21.84
5	QPSK	12	0	21.55	21.62	21.71
5	QPSK	12	7	21.50	21.63	21.51
5	QPSK	12	13	21.63	21.74	21.67
5	QPSK	25	0	21.38	21.57	21.45
5	16QAM	1	0	22.03	22.04	22.08
5	16QAM	1	12	21.95	22.09	21.91
5	16QAM	1	24	21.91	21.96	21.90
5	16QAM	12	0	20.41	20.44	20.41
5	16QAM	12	7	20.21	20.36	20.13
5	16QAM	12	13	20.02	20.21	20.03
5	16QAM	25	0	19.84	19.98	20.05
5	64QAM	1	0	20.62	20.60	20.52
5	64QAM	1	12	20.49	20.50	20.45
5	64QAM	1	24	20.44	20.45	20.37
5	64QAM	12	0	19.23	19.33	19.23
5	64QAM	12	7	19.22	19.23	19.15
5	64QAM	12	13	18.89	19.13	18.96
5	64QAM	25	0	18.88	18.99	18.88



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	22.58	0.181	22.69	0.186	22.57	0.181
20	QPSK	1	49	22.52	0.179	22.58	0.181	22.57	0.181
20	QPSK	1	99	22.25	0.168	22.29	0.169	22.27	0.169
20	QPSK	50	0	21.62	0.145	21.69	0.148	21.67	0.147
20	QPSK	50	24	21.57	0.144	21.62	0.145	21.53	0.142
20	QPSK	50	50	21.46	0.140	21.53	0.142	21.51	0.142
20	QPSK	100	0	21.25	0.133	21.36	0.137	21.29	0.135
20	16QAM	1	0	22.08	0.161	22.10	0.162	22.07	0.161
20	16QAM	1	49	21.97	0.157	22.05	0.160	21.96	0.157
20	16QAM	1	99	21.95	0.157	21.98	0.158	21.91	0.155
20	16QAM	50	0	20.81	0.121	20.87	0.122	20.76	0.119
20	16QAM	50	24	20.60	0.115	20.74	0.119	20.56	0.114
20	16QAM	50	50	20.45	0.111	20.56	0.114	20.44	0.111
20	16QAM	100	0	20.23	0.105	20.41	0.110	20.37	0.109
20	64QAM	1	0	20.95	0.124	20.97	0.125	20.90	0.123
20	64QAM	1	49	20.87	0.122	20.90	0.123	20.87	0.122
20	64QAM	1	99	20.87	0.122	20.87	0.122	20.75	0.119
20	64QAM	50	0	19.66	0.092	19.75	0.094	19.60	0.091
20	64QAM	50	24	19.53	0.090	19.59	0.091	19.56	0.090
20	64QAM	50	50	19.32	0.086	19.46	0.088	19.28	0.085
20	64QAM	100	0	19.25	0.084	19.30	0.085	19.23	0.084



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	22.52	0.179	22.66	0.185	22.45	0.176
15	QPSK	1	37	22.49	0.177	22.48	0.177	22.45	0.176
15	QPSK	1	74	22.19	0.166	22.28	0.169	22.17	0.165
15	QPSK	36	0	21.50	0.141	21.68	0.147	21.62	0.145
15	QPSK	36	20	21.47	0.140	21.56	0.143	21.48	0.141
15	QPSK	36	39	21.39	0.138	21.52	0.142	21.49	0.141
15	QPSK	75	0	21.16	0.131	21.33	0.136	21.18	0.131
15	16QAM	1	0	22.07	0.161	21.99	0.158	22.04	0.160
15	16QAM	1	37	21.94	0.156	21.92	0.156	21.89	0.155
15	16QAM	1	74	21.88	0.154	21.85	0.153	21.89	0.155
15	16QAM	36	0	20.76	0.119	20.76	0.119	20.73	0.118
15	16QAM	36	20	20.50	0.112	20.64	0.116	20.55	0.114
15	16QAM	36	39	20.34	0.108	20.47	0.111	20.34	0.108
15	16QAM	75	0	20.20	0.105	20.33	0.108	20.34	0.108
15	64QAM	1	0	20.88	0.122	20.85	0.122	20.89	0.123
15	64QAM	1	37	20.74	0.119	20.87	0.122	20.80	0.120
15	64QAM	1	74	20.80	0.120	20.76	0.119	20.65	0.116
15	64QAM	36	0	19.58	0.091	19.62	0.092	19.53	0.090
15	64QAM	36	20	19.44	0.088	19.48	0.089	19.49	0.089
15	64QAM	36	39	19.22	0.084	19.37	0.086	19.15	0.082
15	64QAM	75	0	19.16	0.082	19.24	0.084	19.22	0.084



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	22.47	0.177	22.62	0.183	22.46	0.176
10	QPSK	1	25	22.51	0.178	22.47	0.177	22.51	0.178
10	QPSK	1	49	22.18	0.165	22.20	0.166	22.15	0.164
10	QPSK	25	0	21.53	0.142	21.64	0.146	21.64	0.146
10	QPSK	25	12	21.56	0.143	21.60	0.145	21.43	0.139
10	QPSK	25	25	21.41	0.138	21.41	0.138	21.50	0.141
10	QPSK	50	0	21.13	0.130	21.24	0.133	21.23	0.133
10	16QAM	1	0	22.01	0.159	21.97	0.157	22.05	0.160
10	16QAM	1	25	21.91	0.155	21.92	0.156	21.87	0.154
10	16QAM	1	49	21.85	0.153	21.95	0.157	21.80	0.151
10	16QAM	25	0	20.77	0.119	20.74	0.119	20.73	0.118
10	16QAM	25	12	20.52	0.113	20.67	0.117	20.44	0.111
10	16QAM	25	25	20.37	0.109	20.55	0.114	20.40	0.110
10	16QAM	50	0	20.22	0.105	20.40	0.110	20.35	0.108
10	64QAM	1	0	20.82	0.121	20.84	0.121	20.82	0.121
10	64QAM	1	25	20.86	0.122	20.83	0.121	20.77	0.119
10	64QAM	1	49	20.80	0.120	20.80	0.120	20.67	0.117
10	64QAM	25	0	19.61	0.091	19.65	0.092	19.53	0.090
10	64QAM	25	12	19.51	0.089	19.54	0.090	19.51	0.089
10	64QAM	25	25	19.21	0.083	19.38	0.087	19.27	0.085
10	64QAM	50	0	19.18	0.083	19.28	0.085	19.15	0.082



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	22.56	0.180	22.62	0.183	22.56	0.180
5	QPSK	1	12	22.41	0.174	22.47	0.177	22.45	0.176
5	QPSK	1	24	22.24	0.167	22.24	0.167	22.23	0.167
5	QPSK	12	0	21.59	0.144	21.66	0.147	21.60	0.145
5	QPSK	12	7	21.49	0.141	21.54	0.143	21.46	0.140
5	QPSK	12	13	21.37	0.137	21.45	0.140	21.39	0.138
5	QPSK	25	0	21.15	0.130	21.28	0.134	21.23	0.133
5	16QAM	1	0	22.02	0.159	22.03	0.160	21.94	0.156
5	16QAM	1	12	21.95	0.157	21.95	0.157	21.91	0.155
5	16QAM	1	24	21.93	0.156	21.86	0.153	21.84	0.153
5	16QAM	12	0	20.68	0.117	20.80	0.120	20.73	0.118
5	16QAM	12	7	20.53	0.113	20.68	0.117	20.43	0.110
5	16QAM	12	13	20.40	0.110	20.49	0.112	20.34	0.108
5	16QAM	25	0	20.16	0.104	20.37	0.109	20.35	0.108
5	64QAM	1	0	20.88	0.122	20.96	0.125	20.77	0.119
5	64QAM	1	12	20.83	0.121	20.79	0.120	20.82	0.121
5	64QAM	1	24	20.80	0.120	20.81	0.121	20.64	0.116
5	64QAM	12	0	19.63	0.092	19.66	0.092	19.54	0.090
5	64QAM	12	7	19.47	0.089	19.58	0.091	19.49	0.089
5	64QAM	12	13	19.25	0.084	19.35	0.086	19.24	0.084
5	64QAM	25	0	19.23	0.084	19.29	0.085	19.11	0.081



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	22.50	0.178	22.56	0.180	22.51	0.178
3	QPSK	1	8	22.51	0.178	22.49	0.177	22.56	0.180
3	QPSK	1	14	22.16	0.164	22.24	0.167	22.14	0.164
3	QPSK	8	0	21.60	0.145	21.66	0.147	21.54	0.143
3	QPSK	8	4	21.52	0.142	21.59	0.144	21.46	0.140
3	QPSK	8	7	21.37	0.137	21.44	0.139	21.46	0.140
3	QPSK	15	0	21.17	0.131	21.34	0.136	21.18	0.131
3	16QAM	1	0	22.07	0.161	21.98	0.158	22.03	0.160
3	16QAM	1	8	21.90	0.155	22.01	0.159	21.95	0.157
3	16QAM	1	14	21.82	0.152	21.93	0.156	21.86	0.153
3	16QAM	8	0	20.72	0.118	20.77	0.119	20.71	0.118
3	16QAM	8	4	20.54	0.113	20.61	0.115	20.54	0.113
3	16QAM	8	7	20.38	0.109	20.54	0.113	20.41	0.110
3	16QAM	15	0	20.12	0.103	20.35	0.108	20.34	0.108
3	64QAM	1	0	20.89	0.123	20.84	0.121	20.86	0.122
3	64QAM	1	8	20.80	0.120	20.85	0.122	20.78	0.120
3	64QAM	1	14	20.85	0.122	20.78	0.120	20.65	0.116
3	64QAM	8	0	19.53	0.090	19.65	0.092	19.47	0.089
3	64QAM	8	4	19.51	0.089	19.58	0.091	19.45	0.088
3	64QAM	8	7	19.30	0.085	19.39	0.087	19.20	0.083
3	64QAM	15	0	19.22	0.084	19.29	0.085	19.18	0.083



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	22.62	0.183	22.46	0.176
1.4	QPSK	1	3	22.40	0.174	22.52	0.179	22.45	0.176
1.4	QPSK	1	5	22.22	0.167	22.19	0.166	22.16	0.164
1.4	QPSK	3	0	22.58	0.181	22.57	0.181	22.55	0.180
1.4	QPSK	3	1	22.50	0.178	22.56	0.180	22.47	0.177
1.4	QPSK	3	3	22.41	0.174	22.44	0.175	22.46	0.176
1.4	QPSK	6	0	21.22	0.132	21.29	0.135	21.28	0.134
1.4	16QAM	1	0	21.99	0.158	21.99	0.158	21.95	0.157
1.4	16QAM	1	3	21.87	0.154	22.03	0.160	21.84	0.153
1.4	16QAM	1	5	21.85	0.153	21.88	0.154	21.83	0.152
1.4	16QAM	3	0	21.70	0.148	21.78	0.151	21.74	0.149
1.4	16QAM	3	1	21.54	0.143	21.63	0.146	21.44	0.139
1.4	16QAM	3	3	21.36	0.137	21.46	0.140	21.37	0.137
1.4	16QAM	6	0	20.18	0.104	20.39	0.109	20.32	0.108
1.4	64QAM	1	0	20.86	0.122	20.95	0.124	20.79	0.120
1.4	64QAM	1	3	20.85	0.122	20.85	0.122	20.79	0.120
1.4	64QAM	1	5	20.84	0.121	20.77	0.119	20.71	0.118
1.4	64QAM	3	0	20.55	0.114	20.73	0.118	20.53	0.113
1.4	64QAM	3	1	20.48	0.112	20.57	0.114	20.49	0.112
1.4	64QAM	3	3	20.30	0.107	20.33	0.108	20.24	0.106
1.4	64QAM	6	0	19.20	0.083	19.27	0.085	19.11	0.081



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	22.75	0.188	22.95	0.197	22.80	0.191
20	QPSK	1	49	22.78	0.190	22.79	0.190	22.83	0.192
20	QPSK	1	99	22.47	0.177	22.46	0.176	22.49	0.177
20	QPSK	50	0	21.86	0.153	21.91	0.155	21.88	0.154
20	QPSK	50	24	21.85	0.153	21.88	0.154	21.71	0.148
20	QPSK	50	50	21.66	0.147	21.70	0.148	21.72	0.149
20	QPSK	100	0	21.51	0.142	21.54	0.143	21.51	0.142
20	16QAM	1	0	22.28	0.169	22.34	0.171	22.35	0.172
20	16QAM	1	49	22.25	0.168	22.32	0.171	22.25	0.168
20	16QAM	1	99	22.23	0.167	22.17	0.165	22.11	0.163
20	16QAM	50	0	21.03	0.127	21.13	0.130	20.96	0.125
20	16QAM	50	24	20.78	0.120	20.91	0.123	20.81	0.121
20	16QAM	50	50	20.65	0.116	20.77	0.119	20.63	0.116
20	16QAM	100	0	20.52	0.113	20.67	0.117	20.56	0.114
20	64QAM	1	0	21.16	0.131	21.18	0.131	21.12	0.129
20	64QAM	1	49	21.16	0.131	21.15	0.130	21.15	0.130
20	64QAM	1	99	21.07	0.128	21.13	0.130	21.04	0.127
20	64QAM	50	0	19.85	0.097	19.98	0.100	19.85	0.097
20	64QAM	50	24	19.70	0.093	19.77	0.095	19.74	0.094
20	64QAM	50	50	19.56	0.090	19.69	0.093	19.48	0.089
20	64QAM	100	0	19.42	0.087	19.54	0.090	19.40	0.087



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	22.69	0.186	22.87	0.194	22.79	0.190
15	QPSK	1	37	22.66	0.185	22.77	0.189	22.75	0.188
15	QPSK	1	74	22.40	0.174	22.37	0.173	22.46	0.176
15	QPSK	36	0	21.76	0.150	21.84	0.153	21.83	0.152
15	QPSK	36	20	21.75	0.150	21.81	0.152	21.61	0.145
15	QPSK	36	39	21.60	0.145	21.57	0.144	21.69	0.148
15	QPSK	75	0	21.48	0.141	21.44	0.139	21.40	0.138
15	16QAM	1	0	22.17	0.165	22.25	0.168	22.23	0.167
15	16QAM	1	37	22.22	0.167	22.27	0.169	22.21	0.166
15	16QAM	1	74	22.13	0.163	22.10	0.162	22.04	0.160
15	16QAM	36	0	20.96	0.125	21.03	0.127	20.93	0.124
15	16QAM	36	20	20.73	0.118	20.88	0.122	20.76	0.119
15	16QAM	36	39	20.57	0.114	20.72	0.118	20.58	0.114
15	16QAM	75	0	20.41	0.110	20.54	0.113	20.47	0.111
15	64QAM	1	0	21.13	0.130	21.05	0.127	21.10	0.129
15	64QAM	1	37	21.15	0.130	21.14	0.130	21.05	0.127
15	64QAM	1	74	21.04	0.127	21.01	0.126	20.95	0.124
15	64QAM	36	0	19.78	0.095	19.93	0.098	19.72	0.094
15	64QAM	36	20	19.57	0.091	19.72	0.094	19.73	0.094
15	64QAM	36	39	19.46	0.088	19.63	0.092	19.47	0.089
15	64QAM	75	0	19.33	0.086	19.49	0.089	19.27	0.085



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	22.73	0.187	22.74	0.188	22.72	0.187
10	QPSK	1	25	22.72	0.187	22.78	0.190	22.78	0.190
10	QPSK	1	49	22.34	0.171	22.35	0.172	22.38	0.173
10	QPSK	25	0	21.77	0.150	21.84	0.153	21.76	0.150
10	QPSK	25	12	21.74	0.149	21.80	0.151	21.69	0.148
10	QPSK	25	25	21.59	0.144	21.67	0.147	21.65	0.146
10	QPSK	50	0	21.45	0.140	21.53	0.142	21.39	0.138
10	16QAM	1	0	22.20	0.166	22.24	0.167	22.26	0.168
10	16QAM	1	25	22.18	0.165	22.31	0.170	22.23	0.167
10	16QAM	1	49	22.22	0.167	22.04	0.160	22.10	0.162
10	16QAM	25	0	20.98	0.125	21.07	0.128	20.91	0.123
10	16QAM	25	12	20.71	0.118	20.84	0.121	20.69	0.117
10	16QAM	25	25	20.58	0.114	20.70	0.117	20.61	0.115
10	16QAM	50	0	20.49	0.112	20.63	0.116	20.49	0.112
10	64QAM	1	0	21.14	0.130	21.09	0.129	21.04	0.127
10	64QAM	1	25	21.08	0.128	21.05	0.127	21.04	0.127
10	64QAM	1	49	21.02	0.126	21.03	0.127	21.01	0.126
10	64QAM	25	0	19.72	0.094	19.88	0.097	19.82	0.096
10	64QAM	25	12	19.60	0.091	19.76	0.095	19.64	0.092
10	64QAM	25	25	19.45	0.088	19.65	0.092	19.45	0.088
10	64QAM	50	0	19.38	0.087	19.53	0.090	19.31	0.085



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	22.66	0.185	22.84	0.192	22.67	0.185
5	QPSK	1	12	22.75	0.188	22.73	0.187	22.81	0.191
5	QPSK	1	24	22.42	0.175	22.35	0.172	22.40	0.174
5	QPSK	12	0	21.82	0.152	21.90	0.155	21.77	0.150
5	QPSK	12	7	21.84	0.153	21.86	0.153	21.69	0.148
5	QPSK	12	13	21.65	0.146	21.61	0.145	21.68	0.147
5	QPSK	25	0	21.45	0.140	21.47	0.140	21.46	0.140
5	16QAM	1	0	22.24	0.167	22.25	0.168	22.24	0.167
5	16QAM	1	12	22.21	0.166	22.27	0.169	22.15	0.164
5	16QAM	1	24	22.21	0.166	22.06	0.161	22.05	0.160
5	16QAM	12	0	20.95	0.124	21.05	0.127	20.93	0.124
5	16QAM	12	7	20.76	0.119	20.80	0.120	20.73	0.118
5	16QAM	12	13	20.63	0.116	20.64	0.116	20.58	0.114
5	16QAM	25	0	20.47	0.111	20.55	0.114	20.55	0.114
5	64QAM	1	0	21.06	0.128	21.05	0.127	20.99	0.126
5	64QAM	1	12	21.07	0.128	21.04	0.127	21.03	0.127
5	64QAM	1	24	20.96	0.125	21.01	0.126	21.00	0.126
5	64QAM	12	0	19.83	0.096	19.89	0.097	19.78	0.095
5	64QAM	12	7	19.67	0.093	19.65	0.092	19.71	0.094
5	64QAM	12	13	19.43	0.088	19.57	0.091	19.39	0.087
5	64QAM	25	0	19.39	0.087	19.44	0.088	19.29	0.085



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	22.72	0.187	22.78	0.190	22.68	0.185
3	QPSK	1	8	22.69	0.186	22.75	0.188	22.70	0.186
3	QPSK	1	14	22.43	0.175	22.40	0.174	22.47	0.177
3	QPSK	8	0	21.79	0.151	21.80	0.151	21.80	0.151
3	QPSK	8	4	21.79	0.151	21.83	0.152	21.59	0.144
3	QPSK	8	7	21.64	0.146	21.65	0.146	21.71	0.148
3	QPSK	15	0	21.38	0.137	21.51	0.142	21.47	0.140
3	16QAM	1	0	22.16	0.164	22.31	0.170	22.22	0.167
3	16QAM	1	8	22.13	0.163	22.30	0.170	22.16	0.164
3	16QAM	1	14	22.13	0.163	22.16	0.164	22.06	0.161
3	16QAM	8	0	20.97	0.125	21.01	0.126	20.94	0.124
3	16QAM	8	4	20.75	0.119	20.79	0.120	20.71	0.118
3	16QAM	8	7	20.63	0.116	20.73	0.118	20.57	0.114
3	16QAM	15	0	20.43	0.110	20.58	0.114	20.43	0.110
3	64QAM	1	0	21.07	0.128	21.14	0.130	21.02	0.126
3	64QAM	1	8	21.07	0.128	21.09	0.129	21.09	0.129
3	64QAM	1	14	20.94	0.124	21.10	0.129	21.02	0.126
3	64QAM	8	0	19.72	0.094	19.91	0.098	19.84	0.096
3	64QAM	8	4	19.64	0.092	19.73	0.094	19.67	0.093
3	64QAM	8	7	19.45	0.088	19.64	0.092	19.45	0.088
3	64QAM	15	0	19.29	0.085	19.45	0.088	19.27	0.085



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	22.74	0.188	22.86	0.193	22.76	0.189
1.4	QPSK	1	3	22.76	0.189	22.69	0.186	22.80	0.191
1.4	QPSK	1	5	22.42	0.175	22.36	0.172	22.44	0.175
1.4	QPSK	3	0	21.76	0.150	21.80	0.151	21.86	0.153
1.4	QPSK	3	1	21.74	0.149	21.85	0.153	21.68	0.147
1.4	QPSK	3	3	21.73	0.149	21.70	0.148	21.70	0.148
1.4	QPSK	6	0	21.48	0.141	21.43	0.139	21.49	0.141
1.4	16QAM	1	0	22.17	0.165	22.25	0.168	22.27	0.169
1.4	16QAM	1	3	22.24	0.167	22.25	0.168	22.17	0.165
1.4	16QAM	1	5	22.11	0.163	22.12	0.163	22.05	0.160
1.4	16QAM	3	0	22.01	0.159	22.09	0.162	21.91	0.155
1.4	16QAM	3	1	21.75	0.150	21.85	0.153	21.75	0.150
1.4	16QAM	3	3	21.64	0.146	21.65	0.146	21.62	0.145
1.4	16QAM	6	0	21.40	0.138	21.54	0.143	21.43	0.139
1.4	64QAM	1	0	21.04	0.127	21.15	0.130	21.04	0.127
1.4	64QAM	1	3	21.09	0.129	21.09	0.129	21.08	0.128
1.4	64QAM	1	5	21.00	0.126	21.07	0.128	20.94	0.124
1.4	64QAM	3	0	19.75	0.094	19.88	0.097	19.73	0.094
1.4	64QAM	3	1	19.79	0.095	19.73	0.094	19.72	0.094
1.4	64QAM	3	3	19.70	0.093	19.68	0.093	19.67	0.093
1.4	64QAM	6	0	19.36	0.086	19.45	0.088	19.34	0.086



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	21.22	0.132	21.23	0.133	21.15	0.130
10	QPSK	1	25	21.01	0.126	21.14	0.130	21.18	0.131
10	QPSK	1	49	20.94	0.124	20.81	0.121	20.84	0.121
10	QPSK	25	0	20.33	0.108	20.37	0.109	20.23	0.105
10	QPSK	25	12	20.32	0.108	20.23	0.105	20.06	0.101
10	QPSK	25	25	20.13	0.103	20.05	0.101	20.07	0.102
10	QPSK	50	0	19.98	0.100	20.01	0.100	19.86	0.097
10	16QAM	1	0	19.75	0.094	19.69	0.093	19.70	0.093
10	16QAM	1	25	19.72	0.094	19.67	0.093	19.60	0.091
10	16QAM	1	49	19.70	0.093	19.52	0.090	19.46	0.088
10	16QAM	25	0	19.29	0.085	19.36	0.086	19.31	0.085
10	16QAM	25	12	19.25	0.084	19.26	0.084	19.16	0.082
10	16QAM	25	25	19.12	0.082	19.12	0.082	19.07	0.081
10	16QAM	50	0	18.99	0.079	19.02	0.080	18.91	0.078
10	64QAM	1	0	18.63	0.073	18.53	0.071	18.47	0.070
10	64QAM	1	25	18.63	0.073	18.50	0.071	18.50	0.071
10	64QAM	1	49	18.54	0.071	18.48	0.070	18.39	0.069
10	64QAM	25	0	17.32	0.054	17.33	0.054	17.20	0.052
10	64QAM	25	12	17.17	0.052	17.12	0.052	17.09	0.051
10	64QAM	25	25	17.03	0.050	17.04	0.051	16.83	0.048
10	64QAM	50	0	16.89	0.049	16.89	0.049	16.75	0.047



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	21.09	0.129	21.10	0.129	21.06	0.128
5	QPSK	1	12	20.98	0.125	21.13	0.130	21.05	0.127
5	QPSK	1	24	20.88	0.122	20.70	0.117	20.82	0.121
5	QPSK	12	0	20.31	0.107	20.25	0.106	20.19	0.104
5	QPSK	12	7	20.19	0.104	20.14	0.103	20.04	0.101
5	QPSK	12	13	20.08	0.102	20.03	0.101	19.96	0.099
5	QPSK	25	0	19.86	0.097	19.85	0.097	19.80	0.095
5	16QAM	1	0	19.68	0.093	19.65	0.092	19.63	0.092
5	16QAM	1	12	19.68	0.093	19.58	0.091	19.51	0.089
5	16QAM	1	24	19.64	0.092	19.41	0.087	19.37	0.086
5	16QAM	12	0	19.37	0.086	19.38	0.087	19.27	0.085
5	16QAM	12	7	19.16	0.082	19.20	0.083	19.13	0.082
5	16QAM	12	13	19.07	0.081	19.00	0.079	18.90	0.078
5	16QAM	25	0	18.86	0.077	18.95	0.079	18.87	0.077
5	64QAM	1	0	18.60	0.072	18.51	0.071	18.46	0.070
5	64QAM	1	12	18.59	0.072	18.49	0.071	18.42	0.070
5	64QAM	1	24	18.45	0.070	18.44	0.070	18.38	0.069
5	64QAM	12	0	17.20	0.052	17.29	0.054	17.12	0.052
5	64QAM	12	7	17.04	0.051	17.09	0.051	17.07	0.051
5	64QAM	12	13	16.97	0.050	17.03	0.050	17.07	0.051
5	64QAM	25	0	16.85	0.048	16.78	0.048	16.70	0.047



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	21.13	0.130	21.22	0.132	21.06	0.128
3	QPSK	1	8	20.97	0.125	21.02	0.126	21.06	0.128
3	QPSK	1	14	20.87	0.122	20.80	0.120	20.76	0.119
3	QPSK	8	0	20.27	0.106	20.22	0.105	20.10	0.102
3	QPSK	8	4	20.25	0.106	20.13	0.103	19.99	0.100
3	QPSK	8	7	20.05	0.101	20.03	0.101	20.01	0.100
3	QPSK	15	0	19.94	0.099	19.76	0.095	19.80	0.095
3	16QAM	1	0	19.67	0.093	19.56	0.090	19.61	0.091
3	16QAM	1	8	19.67	0.093	19.58	0.091	19.53	0.090
3	16QAM	1	14	19.61	0.091	19.51	0.089	19.37	0.086
3	16QAM	8	0	19.42	0.087	19.46	0.088	19.27	0.085
3	16QAM	8	4	19.23	0.084	19.20	0.083	19.05	0.080
3	16QAM	8	7	19.05	0.080	19.03	0.080	18.98	0.079
3	16QAM	15	0	18.93	0.078	18.94	0.078	18.81	0.076
3	64QAM	1	0	18.50	0.071	18.52	0.071	18.41	0.069
3	64QAM	1	8	18.59	0.072	18.39	0.069	18.39	0.069
3	64QAM	1	14	18.43	0.070	18.42	0.070	18.30	0.068
3	64QAM	8	0	17.20	0.052	17.32	0.054	17.18	0.052
3	64QAM	8	4	17.08	0.051	17.05	0.051	17.07	0.051
3	64QAM	8	7	16.97	0.050	16.97	0.050	16.86	0.049
3	64QAM	15	0	16.80	0.048	16.79	0.048	16.69	0.047



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	21.20	0.132	21.11	0.129	21.08	0.128
1.4	QPSK	1	3	20.95	0.124	21.08	0.128	21.06	0.128
1.4	QPSK	1	5	20.90	0.123	20.79	0.120	20.75	0.119
1.4	QPSK	3	0	20.22	0.105	20.16	0.104	20.17	0.104
1.4	QPSK	3	1	20.27	0.106	20.21	0.105	20.03	0.101
1.4	QPSK	3	3	20.06	0.101	20.01	0.100	20.04	0.101
1.4	QPSK	6	0	19.85	0.097	19.79	0.095	19.81	0.096
1.4	16QAM	1	0	19.72	0.094	19.63	0.092	19.68	0.093
1.4	16QAM	1	3	19.61	0.091	19.54	0.090	19.48	0.089
1.4	16QAM	1	5	19.63	0.092	19.43	0.088	19.37	0.086
1.4	16QAM	3	0	19.39	0.087	19.40	0.087	19.21	0.083
1.4	16QAM	3	1	19.18	0.083	19.14	0.082	19.12	0.082
1.4	16QAM	3	3	19.09	0.081	19.04	0.080	18.97	0.079
1.4	16QAM	6	0	18.89	0.077	18.89	0.077	18.90	0.078
1.4	64QAM	1	0	18.59	0.072	18.50	0.071	18.36	0.069
1.4	64QAM	1	3	18.54	0.071	18.44	0.070	18.44	0.070
1.4	64QAM	1	5	18.43	0.070	18.47	0.070	18.29	0.067
1.4	64QAM	3	0	17.69	0.059	17.70	0.059	17.65	0.058
1.4	64QAM	3	1	17.56	0.057	17.61	0.058	17.54	0.057
1.4	64QAM	3	3	17.47	0.056	17.51	0.056	17.50	0.056
1.4	64QAM	6	0	16.79	0.048	16.88	0.049	16.65	0.046



LTE Band 12				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23060		23095		23130	
Frequency (MHz)				704		707.5		711	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	18.14	0.065	18.15	0.065	18.07	0.064
10	QPSK	1	25	17.93	0.062	18.06	0.064	18.10	0.065
10	QPSK	1	49	17.86	0.061	17.73	0.059	17.76	0.060
10	QPSK	25	0	17.25	0.053	17.29	0.054	17.15	0.052
10	QPSK	25	12	17.24	0.053	17.15	0.052	16.98	0.050
10	QPSK	25	25	17.05	0.051	16.97	0.050	16.99	0.050
10	QPSK	50	0	16.90	0.049	16.95	0.050	16.78	0.048
10	16QAM	1	0	17.67	0.058	17.61	0.058	17.62	0.058
10	16QAM	1	25	17.64	0.058	17.59	0.057	17.52	0.056
10	16QAM	1	49	17.62	0.058	17.44	0.055	17.38	0.055
10	16QAM	25	0	16.42	0.044	16.40	0.044	16.23	0.042
10	16QAM	25	12	16.17	0.041	16.18	0.041	16.08	0.041
10	16QAM	25	25	16.04	0.040	16.04	0.040	15.99	0.040
10	16QAM	50	0	15.91	0.039	15.94	0.039	15.83	0.038
10	64QAM	1	0	16.55	0.045	16.45	0.044	16.39	0.044
10	64QAM	1	25	16.55	0.045	16.42	0.044	16.42	0.044
10	64QAM	1	49	16.46	0.044	16.40	0.044	16.31	0.043
10	64QAM	25	0	15.24	0.033	15.25	0.033	15.12	0.033
10	64QAM	25	12	15.09	0.032	15.04	0.032	15.01	0.032
10	64QAM	25	25	14.95	0.031	14.96	0.031	14.75	0.030
10	64QAM	50	0	14.81	0.030	14.81	0.030	14.67	0.029



LTE Band 12				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23035		23095		23155	
Frequency (MHz)				701.5		707.5		713.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	18.01	0.063	18.06	0.064	17.97	0.063
5	QPSK	1	12	17.88	0.061	18.03	0.064	18.08	0.064
5	QPSK	1	24	17.76	0.060	17.71	0.059	17.64	0.058
5	QPSK	12	0	17.23	0.053	17.13	0.052	17.08	0.051
5	QPSK	12	7	17.19	0.052	17.05	0.051	16.92	0.049
5	QPSK	12	13	17.00	0.050	16.85	0.048	16.86	0.049
5	QPSK	25	0	16.87	0.049	16.75	0.047	16.77	0.048
5	16QAM	1	0	17.65	0.058	17.53	0.057	17.59	0.057
5	16QAM	1	12	17.62	0.058	17.48	0.056	17.45	0.056
5	16QAM	1	24	17.59	0.057	17.35	0.054	17.31	0.054
5	16QAM	12	0	16.35	0.043	16.29	0.043	16.12	0.041
5	16QAM	12	7	16.16	0.041	16.13	0.041	16.02	0.040
5	16QAM	12	13	15.95	0.039	15.94	0.039	15.88	0.039
5	16QAM	25	0	15.86	0.039	15.84	0.038	15.78	0.038
5	64QAM	1	0	16.48	0.044	16.33	0.043	16.36	0.043
5	64QAM	1	12	16.53	0.045	16.37	0.043	16.36	0.043
5	64QAM	1	24	16.34	0.043	16.36	0.043	16.19	0.042
5	64QAM	12	0	15.15	0.033	15.22	0.033	15.07	0.032
5	64QAM	12	7	15.04	0.032	14.98	0.031	14.93	0.031
5	64QAM	12	13	14.91	0.031	14.88	0.031	14.80	0.030
5	64QAM	25	0	14.75	0.030	14.77	0.030	14.56	0.029



LTE Band 12				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23025		23095		23165	
Frequency (MHz)				700.5		707.5		714.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	18.09	0.064	18.05	0.064	17.99	0.063
3	QPSK	1	8	17.89	0.062	18.03	0.064	18.00	0.063
3	QPSK	1	14	17.73	0.059	17.60	0.058	17.73	0.059
3	QPSK	8	0	17.16	0.052	17.06	0.051	17.09	0.051
3	QPSK	8	4	17.23	0.053	17.13	0.052	16.92	0.049
3	QPSK	8	7	17.00	0.050	16.85	0.048	16.90	0.049
3	QPSK	15	0	16.82	0.048	16.78	0.048	16.75	0.047
3	16QAM	1	0	17.57	0.057	17.50	0.056	17.50	0.056
3	16QAM	1	8	17.56	0.057	17.52	0.056	17.44	0.055
3	16QAM	1	14	17.61	0.058	17.35	0.054	17.28	0.053
3	16QAM	8	0	16.33	0.043	16.38	0.043	16.17	0.041
3	16QAM	8	4	16.13	0.041	16.06	0.040	15.95	0.039
3	16QAM	8	7	15.97	0.040	16.01	0.040	15.97	0.040
3	16QAM	15	0	15.86	0.039	15.87	0.039	15.74	0.037
3	64QAM	1	0	16.51	0.045	16.33	0.043	16.37	0.043
3	64QAM	1	8	16.43	0.044	16.37	0.043	16.32	0.043
3	64QAM	1	14	16.41	0.044	16.35	0.043	16.19	0.042
3	64QAM	8	0	15.11	0.032	15.24	0.033	15.01	0.032
3	64QAM	8	4	15.07	0.032	15.00	0.032	14.94	0.031
3	64QAM	8	7	14.90	0.031	14.85	0.031	14.76	0.030
3	64QAM	15	0	14.68	0.029	14.72	0.030	14.63	0.029



LTE Band 12				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23017		23095		23173	
Frequency (MHz)				699.7		707.5		715.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	18.01	0.063	17.97	0.063	17.91	0.062
1.4	QPSK	1	3	17.81	0.060	17.95	0.062	17.92	0.062
1.4	QPSK	1	5	17.65	0.058	17.52	0.056	17.65	0.058
1.4	QPSK	3	0	17.88	0.061	17.78	0.060	17.81	0.060
1.4	QPSK	3	1	17.95	0.062	17.85	0.061	17.64	0.058
1.4	QPSK	3	3	17.72	0.059	17.57	0.057	17.62	0.058
1.4	QPSK	6	0	16.74	0.047	16.70	0.047	16.67	0.046
1.4	16QAM	1	0	17.49	0.056	17.42	0.055	17.42	0.055
1.4	16QAM	1	3	17.48	0.056	17.44	0.055	17.36	0.054
1.4	16QAM	1	5	17.53	0.057	17.27	0.053	17.20	0.052
1.4	16QAM	3	0	17.25	0.053	17.30	0.054	17.09	0.051
1.4	16QAM	3	1	17.05	0.051	16.98	0.050	16.87	0.049
1.4	16QAM	3	3	16.89	0.049	16.93	0.049	16.89	0.049
1.4	16QAM	6	0	16.78	0.048	16.79	0.048	16.66	0.046
1.4	64QAM	1	0	16.43	0.044	16.25	0.042	16.29	0.043
1.4	64QAM	1	3	16.35	0.043	16.29	0.043	16.24	0.042
1.4	64QAM	1	5	16.33	0.043	16.27	0.042	16.11	0.041
1.4	64QAM	3	0	15.03	0.032	15.16	0.033	14.93	0.031
1.4	64QAM	3	1	14.99	0.032	14.92	0.031	14.86	0.031
1.4	64QAM	3	3	14.82	0.030	14.77	0.030	14.73	0.030
1.4	64QAM	6	0	14.60	0.029	14.64	0.029	14.55	0.029



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	/	/	19.40	0.087	/	/
10	QPSK	1	25	/	/	19.31	0.085	/	/
10	QPSK	1	49	/	/	18.98	0.079	/	/
10	QPSK	25	0	/	/	18.43	0.070	/	/
10	QPSK	25	12	/	/	18.40	0.069	/	/
10	QPSK	25	25	/	/	18.22	0.066	/	/
10	QPSK	50	0	/	/	18.06	0.064	/	/
10	16QAM	1	0	/	/	18.86	0.077	/	/
10	16QAM	1	25	/	/	18.84	0.077	/	/
10	16QAM	1	49	/	/	18.69	0.074	/	/
10	16QAM	25	0	/	/	17.65	0.058	/	/
10	16QAM	25	12	/	/	17.43	0.055	/	/
10	16QAM	25	25	/	/	17.29	0.054	/	/
10	16QAM	50	0	/	/	17.19	0.052	/	/
10	64QAM	1	0	/	/	17.70	0.059	/	/
10	64QAM	1	25	/	/	17.67	0.058	/	/
10	64QAM	1	49	/	/	17.65	0.058	/	/
10	64QAM	25	0	/	/	16.50	0.045	/	/
10	64QAM	25	12	/	/	16.29	0.043	/	/
10	64QAM	25	25	/	/	16.21	0.042	/	/
10	64QAM	50	0	/	/	16.06	0.040	/	/



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	19.30	0.085	19.31	0.085	19.25	0.084
5	QPSK	1	12	19.14	0.082	19.24	0.084	19.32	0.086
5	QPSK	1	24	19.07	0.081	18.89	0.077	19.02	0.080
5	QPSK	12	0	18.42	0.070	18.35	0.068	18.36	0.069
5	QPSK	12	7	18.40	0.069	18.39	0.069	18.15	0.065
5	QPSK	12	13	18.31	0.068	18.11	0.065	18.27	0.067
5	QPSK	25	0	18.15	0.065	17.97	0.063	17.97	0.063
5	16QAM	1	0	18.84	0.077	18.73	0.075	18.79	0.076
5	16QAM	1	12	18.87	0.077	18.77	0.075	18.71	0.074
5	16QAM	1	24	18.80	0.076	18.61	0.073	18.66	0.073
5	16QAM	12	0	17.65	0.058	17.55	0.057	17.51	0.056
5	16QAM	12	7	17.41	0.055	17.36	0.054	17.27	0.053
5	16QAM	12	13	17.29	0.054	17.18	0.052	17.23	0.053
5	16QAM	25	0	17.09	0.051	17.14	0.052	17.11	0.051
5	64QAM	1	0	17.78	0.060	17.63	0.058	17.57	0.057
5	64QAM	1	12	17.79	0.060	17.54	0.057	17.58	0.057
5	64QAM	1	24	17.72	0.059	17.61	0.058	17.56	0.057
5	64QAM	12	0	16.40	0.044	16.38	0.043	16.38	0.043
5	64QAM	12	7	16.33	0.043	16.24	0.042	16.25	0.042
5	64QAM	12	13	16.11	0.041	16.09	0.041	15.92	0.039
5	64QAM	25	0	15.99	0.040	16.02	0.040	15.90	0.039



LTE Band 14				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				/		23330		/	
Frequency (MHz)				/		793		/	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	/	/	19.98	0.100	/	/
10	QPSK	1	25	/	/	19.89	0.097	/	/
10	QPSK	1	49	/	/	19.56	0.090	/	/
10	QPSK	25	0	/	/	19.01	0.080	/	/
10	QPSK	25	12	/	/	18.98	0.079	/	/
10	QPSK	25	25	/	/	18.80	0.076	/	/
10	QPSK	50	0	/	/	18.64	0.073	/	/
10	16QAM	1	0	/	/	19.44	0.088	/	/
10	16QAM	1	25	/	/	19.42	0.087	/	/
10	16QAM	1	49	/	/	19.27	0.085	/	/
10	16QAM	25	0	/	/	18.23	0.067	/	/
10	16QAM	25	12	/	/	18.01	0.063	/	/
10	16QAM	25	25	/	/	17.87	0.061	/	/
10	16QAM	50	0	/	/	17.77	0.060	/	/
10	64QAM	1	0	/	/	18.28	0.067	/	/
10	64QAM	1	25	/	/	18.25	0.067	/	/
10	64QAM	1	49	/	/	18.23	0.067	/	/
10	64QAM	25	0	/	/	17.08	0.051	/	/
10	64QAM	25	12	/	/	16.87	0.049	/	/
10	64QAM	25	25	/	/	16.79	0.048	/	/
10	64QAM	50	0	/	/	16.64	0.046	/	/



LTE Band 14				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23305		23330		23355	
Frequency (MHz)				790.5		793		795.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	19.96	0.099	19.97	0.099	19.91	0.098
5	QPSK	1	12	19.80	0.095	19.90	0.098	19.83	0.096
5	QPSK	1	24	19.73	0.094	19.55	0.090	19.68	0.093
5	QPSK	12	0	19.08	0.081	19.01	0.080	19.02	0.080
5	QPSK	12	7	19.06	0.081	19.05	0.080	18.81	0.076
5	QPSK	12	13	18.97	0.079	18.77	0.075	18.93	0.078
5	QPSK	25	0	18.81	0.076	18.63	0.073	18.63	0.073
5	16QAM	1	0	19.50	0.089	19.39	0.087	19.45	0.088
5	16QAM	1	12	19.53	0.090	19.43	0.088	19.37	0.086
5	16QAM	1	24	19.46	0.088	19.27	0.085	19.32	0.086
5	16QAM	12	0	18.31	0.068	18.21	0.066	18.17	0.066
5	16QAM	12	7	18.07	0.064	18.02	0.063	17.93	0.062
5	16QAM	12	13	17.95	0.062	17.84	0.061	17.89	0.062
5	16QAM	25	0	17.75	0.060	17.80	0.060	17.77	0.060
5	64QAM	1	0	18.44	0.070	18.29	0.067	18.23	0.067
5	64QAM	1	12	18.45	0.070	18.20	0.066	18.24	0.067
5	64QAM	1	24	18.38	0.069	18.27	0.067	18.22	0.066
5	64QAM	12	0	17.06	0.051	17.04	0.051	17.04	0.051
5	64QAM	12	7	16.99	0.050	16.90	0.049	16.91	0.049
5	64QAM	12	13	16.77	0.048	16.75	0.047	16.58	0.045
5	64QAM	25	0	16.65	0.046	16.68	0.047	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				23780		23790		23800	
Frequency (MHz)				709		710		711	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	22.41	0.174	22.42	0.175	22.36	0.172
10	QPSK	1	25	22.25	0.168	22.35	0.172	22.28	0.169
10	QPSK	1	49	22.18	0.165	22.00	0.158	22.13	0.163
10	QPSK	25	0	21.53	0.142	21.55	0.143	21.47	0.140
10	QPSK	25	12	21.51	0.142	21.50	0.141	21.26	0.134
10	QPSK	25	25	21.42	0.139	21.22	0.132	21.38	0.137
10	QPSK	50	0	21.26	0.134	21.32	0.136	21.23	0.133
10	16QAM	1	0	21.95	0.157	21.84	0.153	21.90	0.155
10	16QAM	1	25	21.98	0.158	21.88	0.154	21.82	0.152
10	16QAM	1	49	21.91	0.155	21.72	0.149	21.77	0.150
10	16QAM	25	0	20.76	0.119	20.66	0.116	20.62	0.115
10	16QAM	25	12	20.52	0.113	20.47	0.111	20.38	0.109
10	16QAM	25	25	20.40	0.110	20.29	0.107	20.34	0.108
10	16QAM	50	0	20.20	0.105	20.25	0.106	20.22	0.105
10	64QAM	1	0	20.89	0.123	20.74	0.119	20.68	0.117
10	64QAM	1	25	20.90	0.123	20.65	0.116	20.69	0.117
10	64QAM	1	49	20.83	0.121	20.72	0.118	20.67	0.117
10	64QAM	25	0	19.51	0.089	19.49	0.089	19.49	0.089
10	64QAM	25	12	19.44	0.088	19.35	0.086	19.36	0.086
10	64QAM	25	25	19.22	0.084	19.20	0.083	19.03	0.080
10	64QAM	50	0	19.10	0.081	19.13	0.082	19.01	0.080





LTE Band 17				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23755		23790		23825	
Frequency (MHz)				706.5		710		713.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	22.32	0.171	22.37	0.173	22.35	0.172
5	QPSK	1	12	22.19	0.166	22.31	0.170	22.18	0.165
5	QPSK	1	24	22.09	0.162	21.91	0.155	22.00	0.158
5	QPSK	12	0	21.45	0.140	21.45	0.140	21.34	0.136
5	QPSK	12	7	21.47	0.140	21.41	0.138	21.13	0.130
5	QPSK	12	13	21.36	0.137	21.14	0.130	21.30	0.135
5	QPSK	25	0	21.21	0.132	21.07	0.128	21.04	0.127
5	16QAM	1	0	21.94	0.156	21.71	0.148	21.83	0.152
5	16QAM	1	12	21.97	0.157	21.87	0.154	21.70	0.148
5	16QAM	1	24	21.88	0.154	21.70	0.148	21.68	0.147
5	16QAM	12	0	19.63	0.092	19.63	0.092	19.56	0.090
5	16QAM	12	7	19.48	0.089	19.45	0.088	19.35	0.086
5	16QAM	12	13	19.32	0.086	19.17	0.083	19.31	0.085
5	16QAM	25	0	19.14	0.082	19.19	0.083	19.14	0.082
5	64QAM	1	0	20.82	0.121	20.61	0.115	20.64	0.116
5	64QAM	1	12	20.89	0.123	20.57	0.114	20.64	0.116
5	64QAM	1	24	20.74	0.119	20.67	0.117	20.60	0.115
5	64QAM	12	0	19.45	0.088	19.48	0.089	19.48	0.089
5	64QAM	12	7	19.37	0.086	19.23	0.084	19.33	0.086
5	64QAM	12	13	19.16	0.082	19.14	0.082	19.08	0.081
5	64QAM	25	0	19.08	0.081	19.01	0.080	18.93	0.078





LTE Band25				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26140		26365		26590	
Frequency (MHz)				1860		1882.5		1905	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	22.99	0.199	23.10	0.204	23.03	0.201
20	QPSK	1	49	22.89	0.195	23.02	0.200	23.06	0.202
20	QPSK	1	99	22.82	0.191	22.69	0.186	22.72	0.187
20	QPSK	50	0	22.21	0.166	22.25	0.168	22.11	0.163
20	QPSK	50	24	22.20	0.166	22.11	0.163	21.94	0.156
20	QPSK	50	50	22.01	0.159	21.93	0.156	21.95	0.157
20	QPSK	100	0	21.86	0.153	21.95	0.157	21.74	0.149
20	16QAM	1	0	21.63	0.146	21.57	0.144	21.58	0.144
20	16QAM	1	49	21.60	0.145	21.55	0.143	21.48	0.141
20	16QAM	1	99	21.58	0.144	21.40	0.138	21.34	0.136
20	16QAM	50	0	21.17	0.131	21.24	0.133	21.19	0.132
20	16QAM	50	24	21.13	0.130	21.14	0.130	21.04	0.127
20	16QAM	50	50	21.00	0.126	21.00	0.126	20.95	0.124
20	16QAM	100	0	20.87	0.122	20.90	0.123	20.79	0.120
20	64QAM	1	0	20.51	0.112	20.41	0.110	20.35	0.108
20	64QAM	1	49	20.51	0.112	20.38	0.109	20.38	0.109
20	64QAM	1	99	20.42	0.110	20.36	0.109	20.27	0.106
20	64QAM	50	0	19.20	0.083	19.21	0.083	19.08	0.081
20	64QAM	50	24	19.05	0.080	19.00	0.079	18.97	0.079
20	64QAM	50	50	18.91	0.078	18.92	0.078	18.71	0.074
20	64QAM	100	0	18.77	0.075	18.77	0.075	18.63	0.073



LTE Band25				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26115		26365		26615	
Frequency (MHz)				1857.5		1882.5		1907.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	22.90	0.195	22.97	0.198	22.90	0.195
15	QPSK	1	37	22.77	0.189	22.91	0.195	22.94	0.197
15	QPSK	1	74	22.71	0.187	22.60	0.182	22.70	0.186
15	QPSK	36	0	22.16	0.164	22.06	0.161	22.10	0.162
15	QPSK	36	20	22.10	0.162	22.04	0.160	21.88	0.154
15	QPSK	36	39	22.00	0.158	21.86	0.153	21.88	0.154
15	QPSK	75	0	21.81	0.152	21.68	0.147	21.67	0.147
15	16QAM	1	0	21.62	0.145	21.53	0.142	21.55	0.143
15	16QAM	1	37	21.50	0.141	21.42	0.139	21.47	0.140
15	16QAM	1	74	21.48	0.141	21.28	0.134	21.26	0.134
15	16QAM	36	0	21.07	0.128	21.15	0.130	21.11	0.129
15	16QAM	36	20	21.12	0.129	21.01	0.126	20.94	0.124
15	16QAM	36	39	20.91	0.123	20.94	0.124	20.82	0.121
15	16QAM	75	0	20.82	0.121	20.79	0.120	20.71	0.118
15	64QAM	1	0	20.48	0.112	20.34	0.108	20.30	0.107
15	64QAM	1	37	20.47	0.111	20.28	0.107	20.28	0.107
15	64QAM	1	74	20.33	0.108	20.25	0.106	20.21	0.105
15	64QAM	36	0	19.07	0.081	19.09	0.081	19.02	0.080
15	64QAM	36	20	19.00	0.079	18.92	0.078	18.87	0.077
15	64QAM	36	39	18.90	0.078	18.89	0.077	18.68	0.074
15	64QAM	75	0	18.73	0.075	18.71	0.074	18.50	0.071





LTE Band25				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26090		26365		26640	
Frequency (MHz)				1855		1882.5		1910	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	22.90	0.195	23.07	0.203	23.02	0.200
10	QPSK	1	25	22.85	0.193	22.96	0.198	23.05	0.202
10	QPSK	1	49	22.71	0.187	22.69	0.186	22.65	0.184
10	QPSK	25	0	22.13	0.163	22.02	0.159	21.98	0.158
10	QPSK	25	12	22.15	0.164	22.08	0.161	21.83	0.152
10	QPSK	25	25	21.99	0.158	21.80	0.151	21.93	0.156
10	QPSK	50	0	21.77	0.150	21.72	0.149	21.68	0.147
10	16QAM	1	0	21.57	0.144	21.48	0.141	21.52	0.142
10	16QAM	1	25	21.52	0.142	21.50	0.141	21.44	0.139
10	16QAM	1	49	21.55	0.143	21.35	0.136	21.28	0.134
10	16QAM	25	0	21.15	0.130	21.21	0.132	21.13	0.130
10	16QAM	25	12	21.01	0.126	21.07	0.128	21.03	0.127
10	16QAM	25	25	20.89	0.123	20.90	0.123	20.87	0.122
10	16QAM	50	0	20.75	0.119	20.79	0.120	20.74	0.119
10	64QAM	1	0	20.49	0.112	20.39	0.109	20.34	0.108
10	64QAM	1	25	20.39	0.109	20.33	0.108	20.36	0.109
10	64QAM	1	49	20.37	0.109	20.27	0.106	20.16	0.104
10	64QAM	25	0	19.12	0.082	19.12	0.082	18.99	0.079
10	64QAM	25	12	18.95	0.079	18.97	0.079	18.84	0.077
10	64QAM	25	25	18.89	0.077	18.91	0.078	18.64	0.073
10	64QAM	50	0	18.65	0.073	18.66	0.073	18.60	0.072