



TEST REPORT

APPLICANT : Reliance Communications LLC

PRODUCT NAME : Orbic TAB10R 4G

MODEL NAME : RC10RLT

BRAND NAME : Orbic

FCC ID : 2ABGH-RC10RLT

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 TAB10R 4G	
Sample No.:	2#,5#	
Hardware Version:	T1003K_MB_V1.0	
Software Version:	ORB10RLT_v1.0.17_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	1.50dBi
	Band 4	3.66dBi
	Band 5	-1.57dBi
	Band 12	-1.86dBi
	Band 13	-1.19dBi
	Band 14	-0.26dBi
	Band 17	-1.86dBi
	Band 25	1.50dBi



Antenna Gain:	Band 26 Part22	-1.57dBi
	Band 26 Part90	-1.57dBi
	Band 30	-0.55dBi
	Band 41	3.13dBi
	Band 66	-1.55dBi
	Band 71	-0.44dBi
Accessory Information:	Battery	
	Brand Name:	Orbic
	Model No.:	BTE-6001
	Serial No.:	N/A
	Capacity:	6100 mAh
	Rated Voltage:	3.85V
	Charge Limit:	4.40V
	Manufacturer:	Huizhou Highpower Technology Co., Ltd
	AC Adapter	
	Brand Name:	N/A
	Model No.:	TPA-10S120150UU01
	Serial No.:	N/A
	Rated Output:	5.0V=3.0A or 9.0V=2.0A or 12.0V=1.5A
	Rated Input:	100-240V~50/60Hz, 0.6A
	Manufacturer:	Shenzhen Tianyin Electronics Co.,Ltd
	USB Cable:	
	Model No.:	USB2.0 TYPE A TO C L=1M (Black)
	Manufacturer:	HUIZHOU WASHIN ELECTRONICS CO.,LTD

Note1: 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.

Note2: For a more detailed description, please refer to Specification or User's Manual supplied by the applicant and/or manufacturer.



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

Band2	Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20	0.270	0.236	0.182	18M0G7D	18M0W7D	18M0W7D
15	0.269	0.234	0.179	13M5G7D	13M5W7D	13M4W7D
10	0.266	0.233	0.177	8M98G7D	8M97W7D	8M97W7D
5	0.266	0.232	0.182	4M51G7D	4M50W7D	4M51W7D
3	0.262	0.234	0.179	2M71G7D	2M70W7D	2M71W7D
1.4	0.266	0.232	0.181	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	0.441	0.384	0.293	18M0G7D	18M0W7D	18M0W7D
15	0.433	0.377	0.291	13M5G7D	13M5W7D	13M5W7D
10	0.424	0.380	0.290	9M00G7D	8M98W7D	8M99W7D
5	0.430	0.377	0.286	4M51G7D	4M51W7D	4M52W7D
3	0.424	0.380	0.290	2M70G7D	2M70W7D	2M71W7D
1.4	0.432	0.377	0.291	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	0.090	0.064	0.050	9M01G7D	8M98W7D	9M01W7D
5	0.088	0.063	0.049	4M51G7D	4M51W7D	4M52W7D
3	0.090	0.063	0.049	2M71G7D	2M71W7D	2M70W7D
1.4	0.090	0.064	0.049	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	0.095	0.086	0.066	9M01G7D	8M99W7D	9M00W7D
5	0.094	0.085	0.066	4M51G7D	4M51W7D	4M52W7D
3	0.094	0.084	0.065	2M70G7D	2M70W7D	2M71W7D
1.4	0.092	0.083	0.064	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	0.110	0.097	0.075	8M96G7D	8M96W7D	8M97W7D
5	0.108	0.098	0.076	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	0.139	0.123	0.094	8M98G7D	8M95W7D	8M96W7D
5	0.139	0.126	0.098	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	0.095	0.086	0.067	9M01G7D	8M99W7D	8M99W7D	
5	0.094	0.086	0.067	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	0.299	0.213	0.165	17M9G7D	18M0W7D	17M9W7D	
15	0.290	0.213	0.164	13M5G7D	13M5W7D	13M5W7D	
10	0.297	0.210	0.164	9M01G7D	8M97W7D	8M98W7D	
5	0.291	0.211	0.161	4M52G7D	4M50W7D	4M52W7D	
3	0.294	0.209	0.164	2M71G7D	2M70W7D	2M71W7D	
1.4	0.298	0.211	0.163	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	0.102	0.072	0.055	13M5G7D	13M5W7D	13M5W7D	
10	0.100	0.070	0.054	9M02G7D	9M04W7D	9M00W7D	
5	0.099	0.070	0.054	4M51G7D	4M51W7D	4M52W7D	
3	0.100	0.071	0.054	2M70G7D	2M71W7D	2M71W7D	
1.4	0.099	0.071	0.066	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	0.098	0.072	0.056	8M99G7D	8M96W7D	8M97W7D	
5	0.097	0.072	0.055	4M51G7D	4M51W7D	4M53W7D	
3	0.098	0.072	0.056	2M70G7D	2M70W7D	2M71W7D	
1.4	0.099	0.072	0.069	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	0.149	0.114	8M99G7D	8M96W7D	8M97W7D	
5	0.211	0.153	0.118	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	0.134	0.112	0.080	18M0G7D	18M0W7D	18M0W7D	
15	0.131	0.111	0.079	13M5G7D	13M5W7D	13M5W7D	
10	0.132	0.111	0.079	8M98G7D	8M97W7D	8M99W7D	
5	0.130	0.103	0.078	4M51G7D	4M51W7D	4M51W7D	
3	0.130	0.103	0.078	2M70G7D	2M70W7D	2M70W7D	



1.4	0.130	0.101	0.077	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	0.095	0.090	0.064	17M9G7D	18M0W7D	18M0W7D
15	0.094	0.089	0.063	13M5G7D	13M5W7D	13M5W7D
10	0.094	0.090	0.064	9M00G7D	8M97W7D	8M99W7D
5	0.093	0.089	0.064	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	0.783	0.557	0.457	0.478	0.395	0.324
15	0.769	0.547	0.449	0.469	0.388	0.318
10	0.755	0.547	0.441	0.460	0.381	0.313
5	0.746	0.541	0.436	0.455	0.377	0.309
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 \leq 2 W	PASS
Peak-Average Ratio	§24.232(d)	Limit \leq 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)	\leq -13 dBm/1MHz	PASS
Field Strength of Spurious Radiation	§2.1053, §24.238(a)	\leq -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 \leq 1 W	PASS
Peak-Average Ratio	§22.913(d)(5)	Limit \leq 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)	\leq -13 dBm/1MHz	PASS
Field Strength of Spurious Radiation	§2.1053, §27.53(h)(1)	\leq -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	Li Hanbin	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.

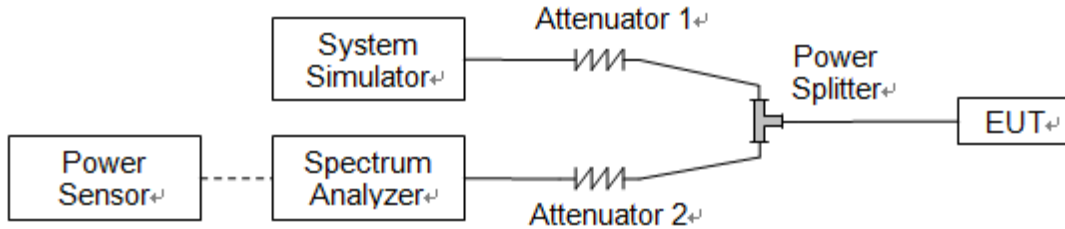
According to FCC section 27.50 (c)(10)for LTE Band 12/17/71, Portable stations (hand-held devices) operating in the 704-716MHz band are limited to 3watts E.R.P.

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	24.21	0.264	24.32	0.270	24.20	0.263
20	QPSK	1	49	24.15	0.260	24.21	0.264	24.20	0.263
20	QPSK	1	99	23.88	0.244	23.92	0.247	23.90	0.245
20	QPSK	50	0	23.25	0.211	23.32	0.215	23.30	0.214
20	QPSK	50	24	23.20	0.209	23.25	0.211	23.16	0.207
20	QPSK	50	50	23.09	0.204	23.16	0.207	23.14	0.206
20	QPSK	100	0	22.88	0.194	22.99	0.199	22.92	0.196
20	16QAM	1	0	23.71	0.235	23.73	0.236	23.70	0.234
20	16QAM	1	49	23.60	0.229	23.68	0.233	23.59	0.229
20	16QAM	1	99	23.58	0.228	23.61	0.230	23.54	0.226
20	16QAM	50	0	22.44	0.175	22.50	0.178	22.39	0.173
20	16QAM	50	24	22.23	0.167	22.37	0.173	22.19	0.166
20	16QAM	50	50	22.08	0.161	22.19	0.166	22.07	0.161
20	16QAM	100	0	21.86	0.153	22.04	0.160	22.00	0.158
20	64QAM	1	0	22.58	0.181	22.60	0.182	22.53	0.179
20	64QAM	1	49	22.50	0.178	22.53	0.179	22.50	0.178
20	64QAM	1	99	22.50	0.178	22.50	0.178	22.38	0.173
20	64QAM	50	0	21.29	0.135	21.38	0.137	21.23	0.133
20	64QAM	50	24	21.16	0.131	21.22	0.132	21.19	0.132
20	64QAM	50	50	20.95	0.124	21.09	0.129	20.91	0.123
20	64QAM	100	0	20.88	0.122	20.93	0.124	20.86	0.122



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	24.15	0.260	24.29	0.269	24.08	0.256
15	QPSK	1	37	24.12	0.258	24.11	0.258	24.08	0.256
15	QPSK	1	74	23.82	0.241	23.91	0.246	23.80	0.240
15	QPSK	36	0	23.13	0.206	23.31	0.214	23.25	0.211
15	QPSK	36	20	23.10	0.204	23.19	0.208	23.11	0.205
15	QPSK	36	39	23.02	0.200	23.15	0.207	23.12	0.205
15	QPSK	75	0	22.79	0.190	22.96	0.198	22.81	0.191
15	16QAM	1	0	23.70	0.234	23.62	0.230	23.67	0.233
15	16QAM	1	37	23.57	0.228	23.55	0.226	23.52	0.225
15	16QAM	1	74	23.51	0.224	23.48	0.223	23.52	0.225
15	16QAM	36	0	22.39	0.173	22.39	0.173	22.36	0.172
15	16QAM	36	20	22.13	0.163	22.27	0.169	22.18	0.165
15	16QAM	36	39	21.97	0.157	22.10	0.162	21.97	0.157
15	16QAM	75	0	21.83	0.152	21.96	0.157	21.97	0.157
15	64QAM	1	0	22.51	0.178	22.48	0.177	22.52	0.179
15	64QAM	1	37	22.37	0.173	22.50	0.178	22.43	0.175
15	64QAM	1	74	22.43	0.175	22.39	0.173	22.28	0.169
15	64QAM	36	0	21.21	0.132	21.25	0.133	21.16	0.131
15	64QAM	36	20	21.07	0.128	21.11	0.129	21.12	0.129
15	64QAM	36	39	20.85	0.122	21.00	0.126	20.78	0.120
15	64QAM	75	0	20.79	0.120	20.87	0.122	20.85	0.122



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	24.10	0.257	24.25	0.266	24.09	0.256
10	QPSK	1	25	24.14	0.259	24.10	0.257	24.14	0.259
10	QPSK	1	49	23.81	0.240	23.83	0.242	23.78	0.239
10	QPSK	25	0	23.16	0.207	23.27	0.212	23.27	0.212
10	QPSK	25	12	23.19	0.208	23.23	0.210	23.06	0.202
10	QPSK	25	25	23.04	0.201	23.04	0.201	23.13	0.206
10	QPSK	50	0	22.76	0.189	22.87	0.194	22.86	0.193
10	16QAM	1	0	23.64	0.231	23.60	0.229	23.68	0.233
10	16QAM	1	25	23.54	0.226	23.55	0.226	23.50	0.224
10	16QAM	1	49	23.48	0.223	23.58	0.228	23.43	0.220
10	16QAM	25	0	22.40	0.174	22.37	0.173	22.36	0.172
10	16QAM	25	12	22.15	0.164	22.30	0.170	22.07	0.161
10	16QAM	25	25	22.00	0.158	22.18	0.165	22.03	0.160
10	16QAM	50	0	21.85	0.153	22.03	0.160	21.98	0.158
10	64QAM	1	0	22.45	0.176	22.47	0.177	22.45	0.176
10	64QAM	1	25	22.49	0.177	22.46	0.176	22.40	0.174
10	64QAM	1	49	22.43	0.175	22.43	0.175	22.30	0.170
10	64QAM	25	0	21.24	0.133	21.28	0.134	21.16	0.131
10	64QAM	25	12	21.14	0.130	21.17	0.131	21.14	0.130
10	64QAM	25	25	20.84	0.121	21.01	0.126	20.90	0.123
10	64QAM	50	0	20.81	0.121	20.91	0.123	20.78	0.120



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	24.19	0.262	24.25	0.266	24.19	0.262
5	QPSK	1	12	24.04	0.254	24.10	0.257	24.08	0.256
5	QPSK	1	24	23.87	0.244	23.87	0.244	23.86	0.243
5	QPSK	12	0	23.22	0.210	23.29	0.213	23.23	0.210
5	QPSK	12	7	23.12	0.205	23.17	0.207	23.09	0.204
5	QPSK	12	13	23.00	0.200	23.08	0.203	23.02	0.200
5	QPSK	25	0	22.78	0.190	22.91	0.195	22.86	0.193
5	16QAM	1	0	23.65	0.232	23.66	0.232	23.57	0.228
5	16QAM	1	12	23.58	0.228	23.58	0.228	23.54	0.226
5	16QAM	1	24	23.56	0.227	23.49	0.223	23.47	0.222
5	16QAM	12	0	22.31	0.170	22.43	0.175	22.36	0.172
5	16QAM	12	7	22.16	0.164	22.31	0.170	22.06	0.161
5	16QAM	12	13	22.03	0.160	22.12	0.163	21.97	0.157
5	16QAM	25	0	21.79	0.151	22.00	0.158	21.98	0.158
5	64QAM	1	0	22.51	0.178	22.59	0.182	22.40	0.174
5	64QAM	1	12	22.46	0.176	22.42	0.175	22.45	0.176
5	64QAM	1	24	22.43	0.175	22.44	0.175	22.27	0.169
5	64QAM	12	0	21.26	0.134	21.29	0.135	21.17	0.131
5	64QAM	12	7	21.10	0.129	21.21	0.132	21.12	0.129
5	64QAM	12	13	20.88	0.122	20.98	0.125	20.87	0.122
5	64QAM	25	0	20.86	0.122	20.92	0.124	20.74	0.119



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	24.13	0.259	24.19	0.262	24.14	0.259
3	QPSK	1	8	24.14	0.259	24.12	0.258	24.19	0.262
3	QPSK	1	14	23.79	0.239	23.87	0.244	23.77	0.238
3	QPSK	8	0	23.23	0.210	23.29	0.213	23.17	0.207
3	QPSK	8	4	23.15	0.207	23.22	0.210	23.09	0.204
3	QPSK	8	7	23.00	0.200	23.07	0.203	23.09	0.204
3	QPSK	15	0	22.80	0.191	22.97	0.198	22.81	0.191
3	16QAM	1	0	23.70	0.234	23.61	0.230	23.66	0.232
3	16QAM	1	8	23.53	0.225	23.64	0.231	23.58	0.228
3	16QAM	1	14	23.45	0.221	23.56	0.227	23.49	0.223
3	16QAM	8	0	22.35	0.172	22.40	0.174	22.34	0.171
3	16QAM	8	4	22.17	0.165	22.24	0.167	22.17	0.165
3	16QAM	8	7	22.01	0.159	22.17	0.165	22.04	0.160
3	16QAM	15	0	21.75	0.150	21.98	0.158	21.97	0.157
3	64QAM	1	0	22.52	0.179	22.47	0.177	22.49	0.177
3	64QAM	1	8	22.43	0.175	22.48	0.177	22.41	0.174
3	64QAM	1	14	22.48	0.177	22.41	0.174	22.28	0.169
3	64QAM	8	0	21.16	0.131	21.28	0.134	21.10	0.129
3	64QAM	8	4	21.14	0.130	21.21	0.132	21.08	0.128
3	64QAM	8	7	20.93	0.124	21.02	0.126	20.83	0.121
3	64QAM	15	0	20.85	0.122	20.92	0.124	20.81	0.121



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	24.16	0.261	24.25	0.266	24.09	0.256
1.4	QPSK	1	3	24.03	0.253	24.15	0.260	24.08	0.256
1.4	QPSK	1	5	23.85	0.243	23.82	0.241	23.79	0.239
1.4	QPSK	3	0	24.21	0.264	24.20	0.263	24.18	0.262
1.4	QPSK	3	1	24.13	0.259	24.19	0.262	24.10	0.257
1.4	QPSK	3	3	24.04	0.254	24.07	0.255	24.09	0.256
1.4	QPSK	6	0	22.85	0.193	22.92	0.196	22.91	0.195
1.4	16QAM	1	0	23.62	0.230	23.62	0.230	23.58	0.228
1.4	16QAM	1	3	23.50	0.224	23.66	0.232	23.47	0.222
1.4	16QAM	1	5	23.48	0.223	23.51	0.224	23.46	0.222
1.4	16QAM	3	0	23.33	0.215	23.41	0.219	23.37	0.217
1.4	16QAM	3	1	23.17	0.207	23.26	0.212	23.07	0.203
1.4	16QAM	3	3	22.99	0.199	23.09	0.204	23.00	0.200
1.4	16QAM	6	0	21.81	0.152	22.02	0.159	21.95	0.157
1.4	64QAM	1	0	22.49	0.177	22.58	0.181	22.42	0.175
1.4	64QAM	1	3	22.48	0.177	22.48	0.177	22.42	0.175
1.4	64QAM	1	5	22.47	0.177	22.40	0.174	22.34	0.171
1.4	64QAM	3	0	22.18	0.165	22.36	0.172	22.16	0.164
1.4	64QAM	3	1	22.11	0.163	22.20	0.166	22.12	0.163
1.4	64QAM	3	3	21.93	0.156	21.96	0.157	21.87	0.154
1.4	64QAM	6	0	20.83	0.121	20.90	0.123	20.74	0.119



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	26.24	0.421	26.44	0.441	26.29	0.426
20	QPSK	1	49	26.27	0.424	26.28	0.425	26.32	0.429
20	QPSK	1	99	25.96	0.394	25.95	0.394	25.98	0.396
20	QPSK	50	0	25.35	0.343	25.40	0.347	25.37	0.344
20	QPSK	50	24	25.34	0.342	25.37	0.344	25.20	0.331
20	QPSK	50	50	25.15	0.327	25.19	0.330	25.21	0.332
20	QPSK	100	0	25.00	0.316	25.03	0.318	25.00	0.316
20	16QAM	1	0	25.77	0.378	25.83	0.383	25.84	0.384
20	16QAM	1	49	25.74	0.375	25.81	0.381	25.74	0.375
20	16QAM	1	99	25.72	0.373	25.66	0.368	25.60	0.363
20	16QAM	50	0	24.52	0.283	24.62	0.290	24.45	0.279
20	16QAM	50	24	24.27	0.267	24.40	0.275	24.30	0.269
20	16QAM	50	50	24.14	0.259	24.26	0.267	24.12	0.258
20	16QAM	100	0	24.01	0.252	24.16	0.261	24.05	0.254
20	64QAM	1	0	24.65	0.292	24.67	0.293	24.61	0.289
20	64QAM	1	49	24.65	0.292	24.64	0.291	24.64	0.291
20	64QAM	1	99	24.56	0.286	24.62	0.290	24.53	0.284
20	64QAM	50	0	23.34	0.216	23.47	0.222	23.34	0.216
20	64QAM	50	24	23.19	0.208	23.26	0.212	23.23	0.210
20	64QAM	50	50	23.05	0.202	23.18	0.208	22.97	0.198
20	64QAM	100	0	22.91	0.195	23.03	0.201	22.89	0.195



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	26.18	0.415	26.36	0.433	26.28	0.425
15	QPSK	1	37	26.15	0.412	26.26	0.423	26.24	0.421
15	QPSK	1	74	25.89	0.388	25.86	0.385	25.95	0.394
15	QPSK	36	0	25.25	0.335	25.33	0.341	25.32	0.340
15	QPSK	36	20	25.24	0.334	25.30	0.339	25.10	0.324
15	QPSK	36	39	25.09	0.323	25.06	0.321	25.18	0.330
15	QPSK	75	0	24.97	0.314	24.93	0.311	24.89	0.308
15	16QAM	1	0	25.66	0.368	25.74	0.375	25.72	0.373
15	16QAM	1	37	25.71	0.372	25.76	0.377	25.70	0.372
15	16QAM	1	74	25.62	0.365	25.59	0.362	25.53	0.357
15	16QAM	36	0	24.45	0.279	24.52	0.283	24.42	0.277
15	16QAM	36	20	24.22	0.264	24.37	0.274	24.25	0.266
15	16QAM	36	39	24.06	0.255	24.21	0.264	24.07	0.255
15	16QAM	75	0	23.90	0.245	24.03	0.253	23.96	0.249
15	64QAM	1	0	24.62	0.290	24.54	0.284	24.59	0.288
15	64QAM	1	37	24.64	0.291	24.63	0.290	24.54	0.284
15	64QAM	1	74	24.53	0.284	24.50	0.282	24.44	0.278
15	64QAM	36	0	23.27	0.212	23.42	0.220	23.21	0.209
15	64QAM	36	20	23.06	0.202	23.21	0.209	23.22	0.210
15	64QAM	36	39	22.95	0.197	23.12	0.205	22.96	0.198
15	64QAM	75	0	22.82	0.191	22.98	0.199	22.76	0.189



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	26.22	0.419	26.23	0.420	26.21	0.418
10	QPSK	1	25	26.21	0.418	26.27	0.424	26.27	0.424
10	QPSK	1	49	25.83	0.383	25.84	0.384	25.87	0.386
10	QPSK	25	0	25.26	0.336	25.33	0.341	25.25	0.335
10	QPSK	25	12	25.23	0.333	25.29	0.338	25.18	0.330
10	QPSK	25	25	25.08	0.322	25.16	0.328	25.14	0.327
10	QPSK	50	0	24.94	0.312	25.02	0.318	24.88	0.308
10	16QAM	1	0	25.69	0.371	25.73	0.374	25.75	0.376
10	16QAM	1	25	25.67	0.369	25.80	0.380	25.72	0.373
10	16QAM	1	49	25.71	0.372	25.53	0.357	25.59	0.362
10	16QAM	25	0	24.47	0.280	24.56	0.286	24.40	0.275
10	16QAM	25	12	24.20	0.263	24.33	0.271	24.18	0.262
10	16QAM	25	25	24.07	0.255	24.19	0.262	24.10	0.257
10	16QAM	50	0	23.98	0.250	24.12	0.258	23.98	0.250
10	64QAM	1	0	24.63	0.290	24.58	0.287	24.53	0.284
10	64QAM	1	25	24.57	0.286	24.54	0.284	24.53	0.284
10	64QAM	1	49	24.51	0.282	24.52	0.283	24.50	0.282
10	64QAM	25	0	23.21	0.209	23.37	0.217	23.31	0.214
10	64QAM	25	12	23.09	0.204	23.25	0.211	23.13	0.206
10	64QAM	25	25	22.94	0.197	23.14	0.206	22.94	0.197
10	64QAM	50	0	22.87	0.194	23.02	0.200	22.80	0.191



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	26.15	0.412	26.33	0.430	26.16	0.413
5	QPSK	1	12	26.24	0.421	26.22	0.419	26.30	0.427
5	QPSK	1	24	25.91	0.390	25.84	0.384	25.89	0.388
5	QPSK	12	0	25.31	0.340	25.39	0.346	25.26	0.336
5	QPSK	12	7	25.33	0.341	25.35	0.343	25.18	0.330
5	QPSK	12	13	25.14	0.327	25.10	0.324	25.17	0.329
5	QPSK	25	0	24.94	0.312	24.96	0.313	24.95	0.313
5	16QAM	1	0	25.73	0.374	25.74	0.375	25.73	0.374
5	16QAM	1	12	25.70	0.372	25.76	0.377	25.64	0.366
5	16QAM	1	24	25.70	0.372	25.55	0.359	25.54	0.358
5	16QAM	12	0	24.44	0.278	24.54	0.284	24.42	0.277
5	16QAM	12	7	24.25	0.266	24.29	0.269	24.22	0.264
5	16QAM	12	13	24.12	0.258	24.13	0.259	24.07	0.255
5	16QAM	25	0	23.96	0.249	24.04	0.254	24.04	0.254
5	64QAM	1	0	24.55	0.285	24.54	0.284	24.48	0.281
5	64QAM	1	12	24.56	0.286	24.53	0.284	24.52	0.283
5	64QAM	1	24	24.45	0.279	24.50	0.282	24.49	0.281
5	64QAM	12	0	23.32	0.215	23.38	0.218	23.27	0.212
5	64QAM	12	7	23.16	0.207	23.14	0.206	23.20	0.209
5	64QAM	12	13	22.92	0.196	23.06	0.202	22.88	0.194
5	64QAM	25	0	22.88	0.194	22.93	0.196	22.78	0.190



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	26.21	0.418	26.27	0.424	26.17	0.414
3	QPSK	1	8	26.18	0.415	26.24	0.421	26.19	0.416
3	QPSK	1	14	25.92	0.391	25.89	0.388	25.96	0.394
3	QPSK	8	0	25.28	0.337	25.29	0.338	25.29	0.338
3	QPSK	8	4	25.28	0.337	25.32	0.340	25.08	0.322
3	QPSK	8	7	25.13	0.326	25.14	0.327	25.20	0.331
3	QPSK	15	0	24.87	0.307	25.00	0.316	24.96	0.313
3	16QAM	1	0	25.65	0.367	25.80	0.380	25.71	0.372
3	16QAM	1	8	25.62	0.365	25.79	0.379	25.65	0.367
3	16QAM	1	14	25.62	0.365	25.65	0.367	25.55	0.359
3	16QAM	8	0	24.46	0.279	24.50	0.282	24.43	0.277
3	16QAM	8	4	24.24	0.265	24.28	0.268	24.20	0.263
3	16QAM	8	7	24.12	0.258	24.22	0.264	24.06	0.255
3	16QAM	15	0	23.92	0.247	24.07	0.255	23.92	0.247
3	64QAM	1	0	24.56	0.286	24.63	0.290	24.51	0.282
3	64QAM	1	8	24.56	0.286	24.58	0.287	24.58	0.287
3	64QAM	1	14	24.43	0.277	24.59	0.288	24.51	0.282
3	64QAM	8	0	23.21	0.209	23.40	0.219	23.33	0.215
3	64QAM	8	4	23.13	0.206	23.22	0.210	23.16	0.207
3	64QAM	8	7	22.94	0.197	23.13	0.206	22.94	0.197
3	64QAM	15	0	22.78	0.190	22.94	0.197	22.76	0.189



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	26.23	0.420	26.35	0.432	26.25	0.422
1.4	QPSK	1	3	26.25	0.422	26.18	0.415	26.29	0.426
1.4	QPSK	1	5	25.91	0.390	25.85	0.385	25.93	0.392
1.4	QPSK	3	0	25.25	0.335	25.29	0.338	25.35	0.343
1.4	QPSK	3	1	25.23	0.333	25.34	0.342	25.17	0.329
1.4	QPSK	3	3	25.22	0.333	25.19	0.330	25.19	0.330
1.4	QPSK	6	0	24.97	0.314	24.92	0.310	24.98	0.315
1.4	16QAM	1	0	25.66	0.368	25.74	0.375	25.76	0.377
1.4	16QAM	1	3	25.73	0.374	25.74	0.375	25.66	0.368
1.4	16QAM	1	5	25.60	0.363	25.61	0.364	25.54	0.358
1.4	16QAM	3	0	25.50	0.355	25.58	0.361	25.40	0.347
1.4	16QAM	3	1	25.24	0.334	25.34	0.342	25.24	0.334
1.4	16QAM	3	3	25.13	0.326	25.14	0.327	25.11	0.324
1.4	16QAM	6	0	24.89	0.308	25.03	0.318	24.92	0.310
1.4	64QAM	1	0	24.53	0.284	24.64	0.291	24.53	0.284
1.4	64QAM	1	3	24.58	0.287	24.58	0.287	24.57	0.286
1.4	64QAM	1	5	24.49	0.281	24.56	0.286	24.43	0.277
1.4	64QAM	3	0	23.24	0.211	23.37	0.217	23.22	0.210
1.4	64QAM	3	1	23.28	0.213	23.22	0.210	23.21	0.209
1.4	64QAM	3	3	23.19	0.208	23.17	0.207	23.16	0.207
1.4	64QAM	6	0	22.85	0.193	22.94	0.197	22.83	0.192



LTE Band5				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20450		20525		20600	
Frequency (MHz)				829		836.5		844	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	19.54	0.090	19.55	0.090	19.47	0.089
10	QPSK	1	25	19.33	0.086	19.46	0.088	19.50	0.089
10	QPSK	1	49	19.26	0.084	19.13	0.082	19.16	0.082
10	QPSK	25	0	18.65	0.073	18.69	0.074	18.55	0.072
10	QPSK	25	12	18.64	0.073	18.55	0.072	18.38	0.069
10	QPSK	25	25	18.45	0.070	18.37	0.069	18.39	0.069
10	QPSK	50	0	18.30	0.068	18.33	0.068	18.18	0.066
10	16QAM	1	0	18.07	0.064	18.01	0.063	18.02	0.063
10	16QAM	1	25	18.04	0.064	17.99	0.063	17.92	0.062
10	16QAM	1	49	18.02	0.063	17.84	0.061	17.78	0.060
10	16QAM	25	0	17.61	0.058	17.68	0.059	17.63	0.058
10	16QAM	25	12	17.57	0.057	17.58	0.057	17.48	0.056
10	16QAM	25	25	17.44	0.055	17.44	0.055	17.39	0.055
10	16QAM	50	0	17.31	0.054	17.34	0.054	17.23	0.053
10	64QAM	1	0	16.95	0.050	16.85	0.048	16.79	0.048
10	64QAM	1	25	16.95	0.050	16.82	0.048	16.82	0.048
10	64QAM	1	49	16.86	0.049	16.80	0.048	16.71	0.047
10	64QAM	25	0	15.64	0.037	15.65	0.037	15.52	0.036
10	64QAM	25	12	15.49	0.035	15.44	0.035	15.41	0.035
10	64QAM	25	25	15.35	0.034	15.36	0.034	15.15	0.033
10	64QAM	50	0	15.21	0.033	15.21	0.033	15.07	0.032



LTE Band5				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20425		20525		20625	
Frequency (MHz)				826.5		836.5		846.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	19.41	0.087	19.42	0.087	19.38	0.087
5	QPSK	1	12	19.30	0.085	19.45	0.088	19.37	0.086
5	QPSK	1	24	19.20	0.083	19.02	0.080	19.14	0.082
5	QPSK	12	0	18.63	0.073	18.57	0.072	18.51	0.071
5	QPSK	12	7	18.51	0.071	18.46	0.070	18.36	0.069
5	QPSK	12	13	18.40	0.069	18.35	0.068	18.28	0.067
5	QPSK	25	0	18.18	0.066	18.17	0.066	18.12	0.065
5	16QAM	1	0	18.00	0.063	17.97	0.063	17.95	0.062
5	16QAM	1	12	18.00	0.063	17.90	0.062	17.83	0.061
5	16QAM	1	24	17.96	0.063	17.73	0.059	17.69	0.059
5	16QAM	12	0	17.69	0.059	17.70	0.059	17.59	0.057
5	16QAM	12	7	17.48	0.056	17.52	0.056	17.45	0.056
5	16QAM	12	13	17.39	0.055	17.32	0.054	17.22	0.053
5	16QAM	25	0	17.18	0.052	17.27	0.053	17.19	0.052
5	64QAM	1	0	16.92	0.049	16.83	0.048	16.78	0.048
5	64QAM	1	12	16.91	0.049	16.81	0.048	16.74	0.047
5	64QAM	1	24	16.77	0.048	16.76	0.047	16.70	0.047
5	64QAM	12	0	15.52	0.036	15.61	0.036	15.44	0.035
5	64QAM	12	7	15.36	0.034	15.41	0.035	15.39	0.035
5	64QAM	12	13	15.29	0.034	15.35	0.034	15.39	0.035
5	64QAM	25	0	15.17	0.033	15.10	0.032	15.02	0.032



LTE Band5				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20415		20525		20635	
Frequency (MHz)				825.5		836.5		847.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	19.45	0.088	19.54	0.090	19.38	0.087
3	QPSK	1	8	19.29	0.085	19.34	0.086	19.38	0.087
3	QPSK	1	14	19.19	0.083	19.12	0.082	19.08	0.081
3	QPSK	8	0	18.59	0.072	18.54	0.071	18.42	0.070
3	QPSK	8	4	18.57	0.072	18.45	0.070	18.31	0.068
3	QPSK	8	7	18.37	0.069	18.35	0.068	18.33	0.068
3	QPSK	15	0	18.26	0.067	18.08	0.064	18.12	0.065
3	16QAM	1	0	17.99	0.063	17.88	0.061	17.93	0.062
3	16QAM	1	8	17.99	0.063	17.90	0.062	17.85	0.061
3	16QAM	1	14	17.93	0.062	17.83	0.061	17.69	0.059
3	16QAM	8	0	17.74	0.059	17.78	0.060	17.59	0.057
3	16QAM	8	4	17.55	0.057	17.52	0.056	17.37	0.055
3	16QAM	8	7	17.37	0.055	17.35	0.054	17.30	0.054
3	16QAM	15	0	17.25	0.053	17.26	0.053	17.13	0.052
3	64QAM	1	0	16.82	0.048	16.84	0.048	16.73	0.047
3	64QAM	1	8	16.91	0.049	16.71	0.047	16.71	0.047
3	64QAM	1	14	16.75	0.047	16.74	0.047	16.62	0.046
3	64QAM	8	0	15.52	0.036	15.64	0.037	15.50	0.035
3	64QAM	8	4	15.40	0.035	15.37	0.034	15.39	0.035
3	64QAM	8	7	15.29	0.034	15.29	0.034	15.18	0.033
3	64QAM	15	0	15.12	0.033	15.11	0.032	15.01	0.032



LTE Band5				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20407		20525		20643	
Frequency (MHz)				824.7		836.5		848.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	19.52	0.090	19.43	0.088	19.40	0.087
1.4	QPSK	1	3	19.27	0.085	19.40	0.087	19.38	0.087
1.4	QPSK	1	5	19.22	0.084	19.11	0.081	19.07	0.081
1.4	QPSK	3	0	18.54	0.071	18.48	0.070	18.49	0.071
1.4	QPSK	3	1	18.59	0.072	18.53	0.071	18.35	0.068
1.4	QPSK	3	3	18.38	0.069	18.33	0.068	18.36	0.069
1.4	QPSK	6	0	18.17	0.066	18.11	0.065	18.13	0.065
1.4	16QAM	1	0	18.04	0.064	17.95	0.062	18.00	0.063
1.4	16QAM	1	3	17.93	0.062	17.86	0.061	17.80	0.060
1.4	16QAM	1	5	17.95	0.062	17.75	0.060	17.69	0.059
1.4	16QAM	3	0	17.71	0.059	17.72	0.059	17.53	0.057
1.4	16QAM	3	1	17.50	0.056	17.46	0.056	17.44	0.055
1.4	16QAM	3	3	17.41	0.055	17.36	0.054	17.29	0.054
1.4	16QAM	6	0	17.21	0.053	17.21	0.053	17.22	0.053
1.4	64QAM	1	0	16.91	0.049	16.82	0.048	16.68	0.047
1.4	64QAM	1	3	16.86	0.049	16.76	0.047	16.76	0.047
1.4	64QAM	1	5	16.75	0.047	16.79	0.048	16.61	0.046
1.4	64QAM	3	0	16.01	0.040	16.02	0.040	15.97	0.040
1.4	64QAM	3	1	15.88	0.039	15.93	0.039	15.86	0.039
1.4	64QAM	3	3	15.79	0.038	15.83	0.038	15.82	0.038
1.4	64QAM	6	0	15.11	0.032	15.20	0.033	14.97	0.031



LTE Band 12				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23060		23095		23130	
Frequency (MHz)				704		707.5		711	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	19.79	0.095	19.80	0.095	19.72	0.094
10	QPSK	1	25	19.58	0.091	19.71	0.094	19.75	0.094
10	QPSK	1	49	19.51	0.089	19.38	0.087	19.41	0.087
10	QPSK	25	0	18.90	0.078	18.94	0.078	18.80	0.076
10	QPSK	25	12	18.89	0.077	18.80	0.076	18.63	0.073
10	QPSK	25	25	18.70	0.074	18.62	0.073	18.64	0.073
10	QPSK	50	0	18.55	0.072	18.60	0.072	18.43	0.070
10	16QAM	1	0	19.32	0.086	19.26	0.084	19.27	0.085
10	16QAM	1	25	19.29	0.085	19.24	0.084	19.17	0.083
10	16QAM	1	49	19.27	0.085	19.09	0.081	19.03	0.080
10	16QAM	25	0	18.07	0.064	18.05	0.064	17.88	0.061
10	16QAM	25	12	17.82	0.061	17.83	0.061	17.73	0.059
10	16QAM	25	25	17.69	0.059	17.69	0.059	17.64	0.058
10	16QAM	50	0	17.56	0.057	17.59	0.057	17.48	0.056
10	64QAM	1	0	18.20	0.066	18.10	0.065	18.04	0.064
10	64QAM	1	25	18.20	0.066	18.07	0.064	18.07	0.064
10	64QAM	1	49	18.11	0.065	18.05	0.064	17.96	0.063
10	64QAM	25	0	16.89	0.049	16.90	0.049	16.77	0.048
10	64QAM	25	12	16.74	0.047	16.69	0.047	16.66	0.046
10	64QAM	25	25	16.60	0.046	16.61	0.046	16.40	0.044
10	64QAM	50	0	16.46	0.044	16.46	0.044	16.32	0.043



LTE Band 12				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23035		23095		23155	
Frequency (MHz)				701.5		707.5		713.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	19.66	0.092	19.71	0.094	19.62	0.092
5	QPSK	1	12	19.53	0.090	19.68	0.093	19.73	0.094
5	QPSK	1	24	19.41	0.087	19.36	0.086	19.29	0.085
5	QPSK	12	0	18.88	0.077	18.78	0.076	18.73	0.075
5	QPSK	12	7	18.84	0.077	18.70	0.074	18.57	0.072
5	QPSK	12	13	18.65	0.073	18.50	0.071	18.51	0.071
5	QPSK	25	0	18.52	0.071	18.40	0.069	18.42	0.070
5	16QAM	1	0	19.30	0.085	19.18	0.083	19.24	0.084
5	16QAM	1	12	19.27	0.085	19.13	0.082	19.10	0.081
5	16QAM	1	24	19.24	0.084	19.00	0.079	18.96	0.079
5	16QAM	12	0	18.00	0.063	17.94	0.062	17.77	0.060
5	16QAM	12	7	17.81	0.060	17.78	0.060	17.67	0.058
5	16QAM	12	13	17.60	0.058	17.59	0.057	17.53	0.057
5	16QAM	25	0	17.51	0.056	17.49	0.056	17.43	0.055
5	64QAM	1	0	18.13	0.065	17.98	0.063	18.01	0.063
5	64QAM	1	12	18.18	0.066	18.02	0.063	18.01	0.063
5	64QAM	1	24	17.99	0.063	18.01	0.063	17.84	0.061
5	64QAM	12	0	16.80	0.048	16.87	0.049	16.72	0.047
5	64QAM	12	7	16.69	0.047	16.63	0.046	16.58	0.045
5	64QAM	12	13	16.56	0.045	16.53	0.045	16.45	0.044
5	64QAM	25	0	16.40	0.044	16.42	0.044	16.21	0.042



LTE Band 12				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23025		23095		23165	
Frequency (MHz)				700.5		707.5		714.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	19.74	0.094	19.70	0.093	19.64	0.092
3	QPSK	1	8	19.54	0.090	19.68	0.093	19.65	0.092
3	QPSK	1	14	19.38	0.087	19.25	0.084	19.38	0.087
3	QPSK	8	0	18.81	0.076	18.71	0.074	18.74	0.075
3	QPSK	8	4	18.88	0.077	18.78	0.076	18.57	0.072
3	QPSK	8	7	18.65	0.073	18.50	0.071	18.55	0.072
3	QPSK	15	0	18.47	0.070	18.43	0.070	18.40	0.069
3	16QAM	1	0	19.22	0.084	19.15	0.082	19.15	0.082
3	16QAM	1	8	19.21	0.083	19.17	0.083	19.09	0.081
3	16QAM	1	14	19.26	0.084	19.00	0.079	18.93	0.078
3	16QAM	8	0	17.98	0.063	18.03	0.064	17.82	0.061
3	16QAM	8	4	17.78	0.060	17.71	0.059	17.60	0.058
3	16QAM	8	7	17.62	0.058	17.66	0.058	17.62	0.058
3	16QAM	15	0	17.51	0.056	17.52	0.056	17.39	0.055
3	64QAM	1	0	18.16	0.065	17.98	0.063	18.02	0.063
3	64QAM	1	8	18.08	0.064	18.02	0.063	17.97	0.063
3	64QAM	1	14	18.06	0.064	18.00	0.063	17.84	0.061
3	64QAM	8	0	16.76	0.047	16.89	0.049	16.66	0.046
3	64QAM	8	4	16.72	0.047	16.65	0.046	16.59	0.046
3	64QAM	8	7	16.55	0.045	16.50	0.045	16.41	0.044
3	64QAM	15	0	16.33	0.043	16.37	0.043	16.28	0.042



LTE Band 12				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23017		23095		23173	
Frequency (MHz)				699.7		707.5		715.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	19.66	0.092	19.62	0.092	19.56	0.090
1.4	QPSK	1	3	19.46	0.088	19.60	0.091	19.57	0.091
1.4	QPSK	1	5	19.30	0.085	19.17	0.083	19.30	0.085
1.4	QPSK	3	0	19.53	0.090	19.43	0.088	19.46	0.088
1.4	QPSK	3	1	19.60	0.091	19.50	0.089	19.29	0.085
1.4	QPSK	3	3	19.37	0.086	19.22	0.084	19.27	0.085
1.4	QPSK	6	0	18.39	0.069	18.35	0.068	18.32	0.068
1.4	16QAM	1	0	19.14	0.082	19.07	0.081	19.07	0.081
1.4	16QAM	1	3	19.13	0.082	19.09	0.081	19.01	0.080
1.4	16QAM	1	5	19.18	0.083	18.92	0.078	18.85	0.077
1.4	16QAM	3	0	18.90	0.078	18.95	0.079	18.74	0.075
1.4	16QAM	3	1	18.70	0.074	18.63	0.073	18.52	0.071
1.4	16QAM	3	3	18.54	0.071	18.58	0.072	18.54	0.071
1.4	16QAM	6	0	18.43	0.070	18.44	0.070	18.31	0.068
1.4	64QAM	1	0	18.08	0.064	17.90	0.062	17.94	0.062
1.4	64QAM	1	3	18.00	0.063	17.94	0.062	17.89	0.062
1.4	64QAM	1	5	17.98	0.063	17.92	0.062	17.76	0.060
1.4	64QAM	3	0	16.68	0.047	16.81	0.048	16.58	0.045
1.4	64QAM	3	1	16.64	0.046	16.57	0.045	16.51	0.045
1.4	64QAM	3	3	16.47	0.044	16.42	0.044	16.38	0.043
1.4	64QAM	6	0	16.25	0.042	16.29	0.043	16.20	0.042



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	/	/	20.43	0.110	/	/
10	QPSK	1	25	/	/	20.34	0.108	/	/
10	QPSK	1	49	/	/	20.01	0.100	/	/
10	QPSK	25	0	/	/	19.46	0.088	/	/
10	QPSK	25	12	/	/	19.43	0.088	/	/
10	QPSK	25	25	/	/	19.25	0.084	/	/
10	QPSK	50	0	/	/	19.09	0.081	/	/
10	16QAM	1	0	/	/	19.89	0.097	/	/
10	16QAM	1	25	/	/	19.87	0.097	/	/
10	16QAM	1	49	/	/	19.72	0.094	/	/
10	16QAM	25	0	/	/	18.68	0.074	/	/
10	16QAM	25	12	/	/	18.46	0.070	/	/
10	16QAM	25	25	/	/	18.32	0.068	/	/
10	16QAM	50	0	/	/	18.22	0.066	/	/
10	64QAM	1	0	/	/	18.73	0.075	/	/
10	64QAM	1	25	/	/	18.70	0.074	/	/
10	64QAM	1	49	/	/	18.68	0.074	/	/
10	64QAM	25	0	/	/	17.53	0.057	/	/
10	64QAM	25	12	/	/	17.32	0.054	/	/
10	64QAM	25	25	/	/	17.24	0.053	/	/
10	64QAM	50	0	/	/	17.09	0.051	/	/



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	20.33	0.108	20.34	0.108	20.28	0.107
5	QPSK	1	12	20.17	0.104	20.27	0.106	20.35	0.108
5	QPSK	1	24	20.10	0.102	19.92	0.098	20.05	0.101
5	QPSK	12	0	19.45	0.088	19.38	0.087	19.39	0.087
5	QPSK	12	7	19.43	0.088	19.42	0.087	19.18	0.083
5	QPSK	12	13	19.34	0.086	19.14	0.082	19.30	0.085
5	QPSK	25	0	19.18	0.083	19.00	0.079	19.00	0.079
5	16QAM	1	0	19.87	0.097	19.76	0.095	19.82	0.096
5	16QAM	1	12	19.90	0.098	19.80	0.095	19.74	0.094
5	16QAM	1	24	19.83	0.096	19.64	0.092	19.69	0.093
5	16QAM	12	0	18.68	0.074	18.58	0.072	18.54	0.071
5	16QAM	12	7	18.44	0.070	18.39	0.069	18.30	0.068
5	16QAM	12	13	18.32	0.068	18.21	0.066	18.26	0.067
5	16QAM	25	0	18.12	0.065	18.17	0.066	18.14	0.065
5	64QAM	1	0	18.81	0.076	18.66	0.073	18.60	0.072
5	64QAM	1	12	18.82	0.076	18.57	0.072	18.61	0.073
5	64QAM	1	24	18.75	0.075	18.64	0.073	18.59	0.072
5	64QAM	12	0	17.43	0.055	17.41	0.055	17.41	0.055
5	64QAM	12	7	17.36	0.054	17.27	0.053	17.28	0.053
5	64QAM	12	13	17.14	0.052	17.12	0.052	16.95	0.050
5	64QAM	25	0	17.02	0.050	17.05	0.051	16.93	0.049



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	/	/	21.44	0.139	/	/
10	QPSK	1	25	/	/	21.35	0.136	/	/
10	QPSK	1	49	/	/	21.02	0.126	/	/
10	QPSK	25	0	/	/	20.47	0.111	/	/
10	QPSK	25	12	/	/	20.44	0.111	/	/
10	QPSK	25	25	/	/	20.26	0.106	/	/
10	QPSK	50	0	/	/	20.10	0.102	/	/
10	16QAM	1	0	/	/	20.90	0.123	/	/
10	16QAM	1	25	/	/	20.88	0.122	/	/
10	16QAM	1	49	/	/	20.73	0.118	/	/
10	16QAM	25	0	/	/	19.69	0.093	/	/
10	16QAM	25	12	/	/	19.47	0.089	/	/
10	16QAM	25	25	/	/	19.33	0.086	/	/
10	16QAM	50	0	/	/	19.23	0.084	/	/
10	64QAM	1	0	/	/	19.74	0.094	/	/
10	64QAM	1	25	/	/	19.71	0.094	/	/
10	64QAM	1	49	/	/	19.69	0.093	/	/
10	64QAM	25	0	/	/	18.54	0.071	/	/
10	64QAM	25	12	/	/	18.33	0.068	/	/
10	64QAM	25	25	/	/	18.25	0.067	/	/
10	64QAM	50	0	/	/	18.10	0.065	/	/



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	21.42	0.139	21.43	0.139	21.37	0.137
5	QPSK	1	12	21.26	0.134	21.36	0.137	21.29	0.135
5	QPSK	1	24	21.19	0.132	21.01	0.126	21.14	0.130
5	QPSK	12	0	20.54	0.113	20.47	0.111	20.48	0.112
5	QPSK	12	7	20.52	0.113	20.51	0.112	20.27	0.106
5	QPSK	12	13	20.43	0.110	20.23	0.105	20.39	0.109
5	QPSK	25	0	20.27	0.106	20.09	0.102	20.09	0.102
5	16QAM	1	0	20.96	0.125	20.85	0.122	20.91	0.123
5	16QAM	1	12	20.99	0.126	20.89	0.123	20.83	0.121
5	16QAM	1	24	20.92	0.124	20.73	0.118	20.78	0.120
5	16QAM	12	0	19.77	0.095	19.67	0.093	19.63	0.092
5	16QAM	12	7	19.53	0.090	19.48	0.089	19.39	0.087
5	16QAM	12	13	19.41	0.087	19.30	0.085	19.35	0.086
5	16QAM	25	0	19.21	0.083	19.26	0.084	19.23	0.084
5	64QAM	1	0	19.90	0.098	19.75	0.094	19.69	0.093
5	64QAM	1	12	19.91	0.098	19.66	0.092	19.70	0.093
5	64QAM	1	24	19.84	0.096	19.73	0.094	19.68	0.093
5	64QAM	12	0	18.52	0.071	18.50	0.071	18.50	0.071
5	64QAM	12	7	18.45	0.070	18.36	0.069	18.37	0.069
5	64QAM	12	13	18.23	0.067	18.21	0.066	18.04	0.064
5	64QAM	25	0	18.11	0.065	18.14	0.065	18.02	0.063



LTE Band 17				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23780		23790		23800	
Frequency (MHz)				709		710		711	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	19.76	0.095	19.77	0.095	19.71	0.094
10	QPSK	1	25	19.60	0.091	19.70	0.093	19.63	0.092
10	QPSK	1	49	19.53	0.090	19.35	0.086	19.48	0.089
10	QPSK	25	0	18.88	0.077	18.90	0.078	18.82	0.076
10	QPSK	25	12	18.86	0.077	18.85	0.077	18.61	0.073
10	QPSK	25	25	18.77	0.075	18.57	0.072	18.73	0.075
10	QPSK	50	0	18.61	0.073	18.67	0.074	18.58	0.072
10	16QAM	1	0	19.30	0.085	19.19	0.083	19.25	0.084
10	16QAM	1	25	19.33	0.086	19.23	0.084	19.17	0.083
10	16QAM	1	49	19.26	0.084	19.07	0.081	19.12	0.082
10	16QAM	25	0	18.11	0.065	18.01	0.063	17.97	0.063
10	16QAM	25	12	17.87	0.061	17.82	0.061	17.73	0.059
10	16QAM	25	25	17.75	0.060	17.64	0.058	17.69	0.059
10	16QAM	50	0	17.55	0.057	17.60	0.058	17.57	0.057
10	64QAM	1	0	18.24	0.067	18.09	0.064	18.03	0.064
10	64QAM	1	25	18.25	0.067	18.00	0.063	18.04	0.064
10	64QAM	1	49	18.18	0.066	18.07	0.064	18.02	0.063
10	64QAM	25	0	16.86	0.049	16.84	0.048	16.84	0.048
10	64QAM	25	12	16.79	0.048	16.70	0.047	16.71	0.047
10	64QAM	25	25	16.57	0.045	16.55	0.045	16.38	0.043
10	64QAM	50	0	16.45	0.044	16.48	0.044	16.36	0.043



LTE Band 17				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23755		23790		23825	
Frequency (MHz)				706.5		710		713.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	19.67	0.093	19.72	0.094	19.70	0.093
5	QPSK	1	12	19.54	0.090	19.66	0.092	19.53	0.090
5	QPSK	1	24	19.44	0.088	19.26	0.084	19.35	0.086
5	QPSK	12	0	18.80	0.076	18.80	0.076	18.69	0.074
5	QPSK	12	7	18.82	0.076	18.76	0.075	18.48	0.070
5	QPSK	12	13	18.71	0.074	18.49	0.071	18.65	0.073
5	QPSK	25	0	18.56	0.072	18.42	0.070	18.39	0.069
5	16QAM	1	0	19.29	0.085	19.06	0.081	19.18	0.083
5	16QAM	1	12	19.32	0.086	19.22	0.084	19.05	0.080
5	16QAM	1	24	19.23	0.084	19.05	0.080	19.03	0.080
5	16QAM	12	0	16.98	0.050	16.98	0.050	16.91	0.049
5	16QAM	12	7	16.83	0.048	16.80	0.048	16.70	0.047
5	16QAM	12	13	16.67	0.046	16.52	0.045	16.66	0.046
5	16QAM	25	0	16.49	0.045	16.54	0.045	16.49	0.045
5	64QAM	1	0	18.17	0.066	17.96	0.063	17.99	0.063
5	64QAM	1	12	18.24	0.067	17.92	0.062	17.99	0.063
5	64QAM	1	24	18.09	0.064	18.02	0.063	17.95	0.062
5	64QAM	12	0	16.80	0.048	16.83	0.048	16.83	0.048
5	64QAM	12	7	16.72	0.047	16.58	0.045	16.68	0.047
5	64QAM	12	13	16.51	0.045	16.49	0.045	16.43	0.044
5	64QAM	25	0	16.43	0.044	16.36	0.043	16.28	0.042





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	24.65	0.292	24.76	0.299	24.69	0.294
20	QPSK	1	49	24.55	0.285	24.68	0.294	24.72	0.296
20	QPSK	1	99	24.48	0.281	24.35	0.272	24.38	0.274
20	QPSK	50	0	23.87	0.244	23.91	0.246	23.77	0.238
20	QPSK	50	24	23.86	0.243	23.77	0.238	23.60	0.229
20	QPSK	50	50	23.67	0.233	23.59	0.229	23.61	0.230
20	QPSK	100	0	23.52	0.225	23.61	0.230	23.40	0.219
20	16QAM	1	0	23.29	0.213	23.23	0.210	23.24	0.211
20	16QAM	1	49	23.26	0.212	23.21	0.209	23.14	0.206
20	16QAM	1	99	23.24	0.211	23.06	0.202	23.00	0.200
20	16QAM	50	0	22.83	0.192	22.90	0.195	22.85	0.193
20	16QAM	50	24	22.79	0.190	22.80	0.191	22.70	0.186
20	16QAM	50	50	22.66	0.185	22.66	0.185	22.61	0.182
20	16QAM	100	0	22.53	0.179	22.56	0.180	22.45	0.176
20	64QAM	1	0	22.17	0.165	22.07	0.161	22.01	0.159
20	64QAM	1	49	22.17	0.165	22.04	0.160	22.04	0.160
20	64QAM	1	99	22.08	0.161	22.02	0.159	21.93	0.156
20	64QAM	50	0	20.86	0.122	20.87	0.122	20.74	0.119
20	64QAM	50	24	20.71	0.118	20.66	0.116	20.63	0.116
20	64QAM	50	50	20.57	0.114	20.58	0.114	20.37	0.109
20	64QAM	100	0	20.43	0.110	20.43	0.110	20.29	0.107



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	24.56	0.286	24.63	0.290	24.56	0.286
15	QPSK	1	37	24.43	0.277	24.57	0.286	24.60	0.288
15	QPSK	1	74	24.37	0.274	24.26	0.267	24.36	0.273
15	QPSK	36	0	23.82	0.241	23.72	0.236	23.76	0.238
15	QPSK	36	20	23.76	0.238	23.70	0.234	23.54	0.226
15	QPSK	36	39	23.66	0.232	23.52	0.225	23.54	0.226
15	QPSK	75	0	23.47	0.222	23.34	0.216	23.33	0.215
15	16QAM	1	0	23.28	0.213	23.19	0.208	23.21	0.209
15	16QAM	1	37	23.16	0.207	23.08	0.203	23.13	0.206
15	16QAM	1	74	23.14	0.206	22.94	0.197	22.92	0.196
15	16QAM	36	0	22.73	0.187	22.81	0.191	22.77	0.189
15	16QAM	36	20	22.78	0.190	22.67	0.185	22.60	0.182
15	16QAM	36	39	22.57	0.181	22.60	0.182	22.48	0.177
15	16QAM	75	0	22.48	0.177	22.45	0.176	22.37	0.173
15	64QAM	1	0	22.14	0.164	22.00	0.158	21.96	0.157
15	64QAM	1	37	22.13	0.163	21.94	0.156	21.94	0.156
15	64QAM	1	74	21.99	0.158	21.91	0.155	21.87	0.154
15	64QAM	36	0	20.73	0.118	20.75	0.119	20.68	0.117
15	64QAM	36	20	20.66	0.116	20.58	0.114	20.53	0.113
15	64QAM	36	39	20.56	0.114	20.55	0.114	20.34	0.108
15	64QAM	75	0	20.39	0.109	20.37	0.109	20.16	0.104



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	24.56	0.286	24.73	0.297	24.68	0.294
10	QPSK	1	25	24.51	0.282	24.62	0.290	24.71	0.296
10	QPSK	1	49	24.37	0.274	24.35	0.272	24.31	0.270
10	QPSK	25	0	23.79	0.239	23.68	0.233	23.64	0.231
10	QPSK	25	12	23.81	0.240	23.74	0.237	23.49	0.223
10	QPSK	25	25	23.65	0.232	23.46	0.222	23.59	0.229
10	QPSK	50	0	23.43	0.220	23.38	0.218	23.34	0.216
10	16QAM	1	0	23.23	0.210	23.14	0.206	23.18	0.208
10	16QAM	1	25	23.18	0.208	23.16	0.207	23.10	0.204
10	16QAM	1	49	23.21	0.209	23.01	0.200	22.94	0.197
10	16QAM	25	0	22.81	0.191	22.87	0.194	22.79	0.190
10	16QAM	25	12	22.67	0.185	22.73	0.187	22.69	0.186
10	16QAM	25	25	22.55	0.180	22.56	0.180	22.53	0.179
10	16QAM	50	0	22.41	0.174	22.45	0.176	22.40	0.174
10	64QAM	1	0	22.15	0.164	22.05	0.160	22.00	0.158
10	64QAM	1	25	22.05	0.160	21.99	0.158	22.02	0.159
10	64QAM	1	49	22.03	0.160	21.93	0.156	21.82	0.152
10	64QAM	25	0	20.78	0.120	20.78	0.120	20.65	0.116
10	64QAM	25	12	20.61	0.115	20.63	0.116	20.50	0.112
10	64QAM	25	25	20.55	0.114	20.57	0.114	20.30	0.107
10	64QAM	50	0	20.31	0.107	20.32	0.108	20.26	0.106





LTE Band25				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26065		26365		26665	
Frequency (MHz)				1852.5		1882.5		1912.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	24.55	0.285	24.63	0.290	24.64	0.291
5	QPSK	1	12	24.51	0.282	24.63	0.290	24.64	0.291
5	QPSK	1	24	24.43	0.277	24.28	0.268	24.26	0.267
5	QPSK	12	0	23.76	0.238	23.71	0.235	23.70	0.234
5	QPSK	12	7	23.84	0.242	23.72	0.236	23.49	0.223
5	QPSK	12	13	23.55	0.226	23.58	0.228	23.58	0.228
5	QPSK	25	0	23.39	0.218	23.31	0.214	23.37	0.217
5	16QAM	1	0	23.24	0.211	23.22	0.210	23.21	0.209
5	16QAM	1	12	23.21	0.209	23.12	0.205	23.12	0.205
5	16QAM	1	24	23.23	0.210	22.95	0.197	22.90	0.195
5	16QAM	12	0	22.70	0.186	22.79	0.190	22.75	0.188
5	16QAM	12	7	22.67	0.185	22.78	0.190	22.58	0.181
5	16QAM	12	13	22.53	0.179	22.65	0.184	22.49	0.177
5	16QAM	25	0	22.50	0.178	22.51	0.178	22.41	0.174
5	64QAM	1	0	22.07	0.161	22.06	0.161	21.99	0.158
5	64QAM	1	12	22.04	0.160	22.03	0.160	21.94	0.156
5	64QAM	1	24	21.96	0.157	21.94	0.156	21.91	0.155
5	64QAM	12	0	20.83	0.121	20.83	0.121	20.63	0.116
5	64QAM	12	7	20.68	0.117	20.63	0.116	20.50	0.112
5	64QAM	12	13	20.52	0.113	20.50	0.112	20.33	0.108
5	64QAM	25	0	20.35	0.108	20.30	0.107	20.16	0.104