



TEST REPORT

APPLICANT : Sonim Technologies, Inc.

PRODUCT NAME : Mobile Hotspot

MODEL NAME : H500B

BRAND NAME : Sonim

FCC ID : WYPH500B

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

RECEIPT DATE : 2023-11-01

TEST DATE : 2023-11-14 to 2023-12-28

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Change History		
Version	Date	Reason for change
1.0	2024-02-18	First edition



1. Technical Information

Note: Provide by applicant.

1.1. Applicant and Manufacturer Information

Applicant:	Sonim Technologies, Inc.
Applicant Address:	4445 Eastgate Mall, Suite 200, San Diego, CA 92121, USA
Manufacturer:	Sonim Technologies, Inc.
Manufacturer Address:	4445 Eastgate Mall, Suite 200, San Diego, CA 92121, USA

1.2. Equipment Under Test (EUT) Description

Product Name:	Mobile Hotspot	
Sample No.:	4#	
Hardware Version:	V1.0	
Software Version:	H50.0-01-5.4.0-11.08.00	
Modulation Type:	QPSK, 16QAM, 64QAM, 256QAM	
Operation Band:	Band 2 / 4 / 5 / 7 / 12 / 13 / 17 / 25 / 26 / 30 / 38 / 41 / 42 / 43 / 66 / 71 Band 29(Rx) / 46(Rx)	
Carrier Aggregation(UL):	CA_41C, CA_48C, CA_66B, CA_66C, CA_2A-4A, CA_2A-5A, CA_2A-7A, CA_2A-12A, CA_2A-13A, CA_2A-66A, CA_2A-71A, CA_4A-5A, CA_4A-7A, CA_4A-12A, CA_4A-13A, CA_4A-71A, CA_5A-7A, CA_5A-66A, CA_7A-12A, CA_12A-66A, CA_13A-66A, CA_66A-71A	
Frequency Range:	LTE Band 2	Tx: 1850MHz–1910MHz
		Rx: 1930MHz–1990MHz
	LTE Band 4	Tx: 1710MHz–1755MHz
		Rx: 2110MHz–2155MHz
	LTE Band 5	Tx: 824MHz–849MHz
		Rx: 869MHz–894MHz
	LTE Band 7	Tx: 2500MHz–2570MHz
		Rx: 2620MHz–2690MHz
	LTE Band 12	Tx: 699MHz–716MHz
		Rx: 729MHz–746MHz
	LTE Band 13	Tx: 777MHz–787MHz
		Rx: 746MHz–756MHz



Frequency Range:	LTE Band 17	Tx: 704MHz–716MHz Rx: 734MHz–746MHz	
	LTE Band 25	Tx: 1850MHz–1915MHz Rx: 1930MHz–1995MHz	
	LTE Band 26	Tx: 824MHz–849MHz Rx: 869MHz–894MHz	
	LTE Band 29	Rx: 717MHz–728MHz	
	LTE Band 30	Tx: 2305MHz–2315MHz Rx: 2350MHz–2360MHz	
	LTE Band 38	Tx: 2570MHz–2620MHz Rx: 2570MHz–2620MHz	
	LTE Band 41	Tx: 2496MHz–2690MHz Rx: 2496MHz–2690MHz	
	LTE Band 42	Tx: 3450MHz–3550MHz Rx: 3450MHz–3550MHz	
	LTE Band 43	Tx: 3700MHz–3800MHz Rx: 3700MHz–3800MHz	
	LTE Band 46	Rx: 5150MHz–5925MHz	
	LTE Band 66	Tx: 1710MHz–1780MHz Rx: 2110MHz–2200MHz	
	LTE Band 71	Tx: 663MHz–698MHz Rx: 617MHz–652MHz	
	Channel Bandwidth:	LTE Band 2	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
		LTE Band 4	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
LTE Band 5		1.4MHz, 3MHz, 5MHz, 10MHz	
LTE Band 7		5 MHz, 10MHz, 15MHz, 20MHz	
LTE Band 12		1.4MHz, 3 MHz, 5 MHz, 10MHz	
LTE Band 13		5 MHz, 10MHz	
LTE Band 17		5 MHz, 10MHz	
LTE Band 25		1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz	
LTE Band 26		1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz	
LTE Band 30		5 MHz, 10MHz	
LTE Band 38		5 MHz, 10MHz, 15MHz, 20MHz	
LTE Band 41		5 MHz, 10MHz, 15MHz, 20MHz	
LTE Band 42		5 MHz, 10MHz, 15MHz, 20MHz	
LTE Band 43		5 MHz, 10MHz, 15MHz, 20MHz	
LTE Band 66	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz		



	LTE Band 71	5MHz, 10MHz, 15MHz, 20MHz
Antenna Type:	PIFA Antenna	
Antenna Gain:	LTE Band 2	ANT 0: 2.40dBi; ANT 1: 2.17dBi
	LTE Band 4	ANT 0: 1.29dBi; ANT 1: 1.93dBi
	LTE Band 5	ANT 4: -1.14dBi;
	LTE Band 7	ANT 0: 0.35dBi;
	LTE Band 12	ANT 4: -2.61dBi;
	LTE Band 13	ANT 4: -2.58dBi;
	LTE Band 17	ANT 4: -2.61dBi;
	LTE Band 25	ANT 0: 2.40dBi;
	LTE Band 26	ANT 4: -1.14dBi;
	LTE Band 30	ANT 0: -2.08dBi;
	LTE Band 38	ANT 0: 0.42dBi;
	LTE Band 41	ANT 0: 0.74dBi
	LTE Band 42	ANT 2: -0.14dB
	LTE Band 43	ANT 2: -0.07dB
	LTE Band 66	ANT 0: 1.29dBi; ANT 1: 1.93dBi
LTE Band 71	ANT 4: -3.73dBi;	
Accessory Information:	Battery	
	Brand Name:	sonim
	Model No.:	BAT-06000-01S
	Serial No.:	N/A
	Capacity:	6000mAh
	Rated Voltage:	3.85V
	Charge Limit:	4.4V
	Manufacturer:	Guangdong Fenghua New Energy Co.,Ltd.
	AC Adapter	
	Brand Name:	N/A
	Model No.:	1-CHUSQ302-097
	Serial No.:	N/A
	Rated Output:	5V=3A or 9V=2A or 12V=1.5A
	Rated Input:	100-240V~50/60Hz, 0.5A
	Manufacturer:	HUIZHOU PUAN ELEOTRONICS CO.,LTD

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



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



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

LTE Band 2	Maximum E.R.P./E.I.R.P. (W)				Emission Designator (99%OBW)			
BW (MHz)	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
20	0.332	0.277	0.213	0.108	18M0G7D	18M1W7D	18M1W7D	18M1W7D
15	0.330	0.278	0.214	0.108	13M5G7D	13M5W7D	13M5W7D	13M5W7D
10	0.329	0.281	0.216	0.108	9M04G7D	9M05W7D	9M04W7D	9M03W7D
5	0.330	0.276	0.213	0.109	4M52G7D	4M55W7D	4M52W7D	4M52W7D
3	0.327	0.275	0.215	0.109	2M71G7D	2M73W7D	2M72W7D	2M72W7D
1.4	0.330	0.278	0.215	0.107	1M10G7D	1M11W7D	1M11W7D	1M10W7D
LTE Band 4	Maximum E.R.P./E.I.R.P. (W)				Emission Designator (99%OBW)			
BW (MHz)	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
20	0.301	0.251	0.192	0.097	18M2G7D	18M0W7D	18M1W7D	18M0W7D
15	0.299	0.253	0.196	0.095	13M5G7D	13M5W7D	13M5W7D	13M5W7D
10	0.297	0.246	0.195	0.097	9M02G7D	9M03W7D	9M03W7D	9M03W7D
5	0.298	0.252	0.191	0.099	4M53G7D	4M53W7D	4M53W7D	4M53W7D
3	0.295	0.250	0.193	0.097	2M73G7D	2M72W7D	2M72W7D	2M71W7D
1.4	0.296	0.245	0.193	0.097	1M10G7D	1M11W7D	1M10W7D	1M10W7D
LTE Band 5	Maximum E.R.P./E.I.R.P. (W)				Emission Designator (99%OBW)			
BW (MHz)	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
10	0.095	0.079	0.062	0.029	9M01G7D	8M99W7D	8M99W7D	8M98W7D
5	0.095	0.080	0.062	0.029	4M52G7D	4M52W7D	4M53W7D	4M52W7D
3	0.094	0.080	0.062	0.029	2M71G7D	2M72W7D	2M73W7D	2M72W7D
1.4	0.094	0.079	0.062	0.030	1M11G7D	1M11W7D	1M11W7D	1M11W7D



LTE Band 7	Maximum E.R.P./E.I.R.P. (W)				Emission Designator (99%OBW)			
BW (MHz)	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
20	0.221	0.184	0.140	0.069	18M0G7D	18M0W7D	18M0W7D	18M0W7D
15	0.219	0.184	0.139	0.068	13M5G7D	13M5W7D	13M5W7D	13M5W7D
10	0.218	0.182	0.140	0.069	9M02G7D	9M02W7D	9M01W7D	9M03W7D
5	0.217	0.181	0.142	0.067	4M53G7D	4M52W7D	4M53W7D	4M53W7D
LTE Band 12	Maximum E.R.P./E.I.R.P. (W)				Emission Designator (99%OBW)			
BW (MHz)	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
10	0.066	0.053	0.041	0.021	8M99G7D	8M98W7D	9M00W7D	8M99W7D
5	0.065	0.054	0.042	0.020	4M53G7D	4M52W7D	4M52W7D	4M53W7D
3	0.065	0.054	0.042	0.021	2M72G7D	2M71W7D	2M72W7D	2M72W7D
1.4	0.065	0.054	0.041	0.021	1M11G7D	1M11W7D	1M11W7D	1M11W7D
LTE Band 13	Maximum E.R.P./E.I.R.P. (W)				Emission Designator (99%OBW)			
BW (MHz)	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
10	0.069	0.055	0.045	0.021	8M98G7D	8M98W7D	8M97W7D	8M98W7D
5	0.068	0.058	0.045	0.021	4M55G7D	4M54W7D	4M53W7D	4M53W7D
LTE Band 17	Maximum E.R.P./E.I.R.P. (W)				Emission Designator (99%OBW)			
BW (MHz)	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
10	0.065	0.053	0.040	0.020	9M00G7D	8M99W7D	8M99W7D	8M98W7D
5	0.064	0.052	0.040	0.021	4M52G7D	4M52W7D	4M53W7D	4M54W7D



LTE Band 25	Maximum E.R.P./E.I.R.P. (W)				Emission Designator (99%OBW)			
BW (MHz)	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
20	0.343	0.285	0.217	0.110	18M0G7D	18M0W7D	18M0W7D	18M0W7D
15	0.340	0.281	0.222	0.107	13M5G7D	13M5W7D	13M5W7D	13M5W7D
10	0.339	0.287	0.220	0.108	9M00G7D	9M06W7D	9M00W7D	9M03W7D
5	0.340	0.281	0.221	0.108	4M53G7D	4M54W7D	4M52W7D	4M52W7D
3	0.338	0.280	0.222	0.110	2M71G7D	2M71W7D	2M72W7D	2M72W7D
1.4	0.337	0.284	0.221	0.109	1M11G7D	1M11W7D	1M10W7D	1M10W7D
LTE Band 26	Maximum E.R.P./E.I.R.P. (W)				Emission Designator (99%OBW)			
BW (MHz)	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
15	0.079	0.063	0.050	0.027	13M5G7D	13M5W7D	13M5W7D	13M5W7D
10	0.082	0.067	0.051	0.028	9M02G7D	9M01W7D	8M99W7D	8M98W7D
5	0.081	0.066	0.051	0.028	4M53G7D	4M53W7D	4M52W7D	4M54W7D
3	0.082	0.066	0.051	0.028	2M71G7D	2M72W7D	2M72W7D	2M71W7D
1.4	0.081	0.066	0.063	0.028	1M11G7D	1M11W7D	1M11W7D	1M11W7D
LTE Band 30	Maximum E.R.P./E.I.R.P. (W)				Emission Designator (99%OBW)			
BW (MHz)	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
10	0.116	0.098	0.076	0.037	9M01G7D	9M02W7D	9M01W7D	9M00W7D
5	0.115	0.096	0.076	0.037	4M52G7D	4M51W7D	4M51W7D	4M51W7D
LTE Band 38	Maximum E.R.P./E.I.R.P. (W)				Emission Designator (99%OBW)			
BW (MHz)	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
20	0.212	0.177	0.135	0.067	18M0G7D	18M0W7D	18M0W7D	18M0W7D
15	0.210	0.176	0.137	0.069	13M5G7D	13M5W7D	13M5W7D	13M5W7D
10	0.210	0.176	0.136	0.068	9M00G7D	9M04W7D	9M00W7D	8M99W7D
5	0.209	0.177	0.137	0.067	4M53G7D	4M52W7D	4M53W7D	4M52W7D



LTE Band 42	Maximum E.R.P./E.I.R.P. (W)				Emission Designator (99%OBW)			
BW (MHz)	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
20	0.167	0.130	0.097	0.046	18M0G7D	18M0W7D	18M0W7D	18M0W7D
15	0.152	0.129	0.102	0.046	13M5G7D	13M5W7D	13M5W7D	13M5W7D
10	0.153	0.127	0.101	0.046	9M01G7D	9M02W7D	9M01W7D	9M01W7D
5	0.152	0.130	0.100	0.046	4M54G7D	4M53W7D	4M52W7D	4M52W7D
LTE Band 43	Maximum E.R.P./E.I.R.P. (W)				Emission Designator (99%OBW)			
BW (MHz)	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
20	0.154	0.126	0.101	0.048	18M0G7D	18M0W7D	18M0W7D	18M0W7D
15	0.153	0.129	0.099	0.048	13M5G7D	13M5W7D	13M5W7D	13M5W7D
10	0.153	0.127	0.099	0.048	9M03G7D	9M01W7D	9M01W7D	8M99W7D
5	0.152	0.128	0.099	0.047	4M52G7D	4M52W7D	4M52W7D	4M53W7D
LTE Band 66	Maximum E.R.P./E.I.R.P. (W)				Emission Designator (99%OBW)			
BW (MHz)	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
20	0.310	0.261	0.201	0.097	18M0G7D	18M1W7D	18M1W7D	18M0W7D
15	0.308	0.256	0.200	0.097	13M5G7D	13M5W7D	13M6W7D	13M5W7D
10	0.306	0.258	0.200	0.099	9M03G7D	9M03W7D	9M03W7D	9M02W7D
5	0.307	0.256	0.197	0.097	4M53G7D	4M54W7D	4M53W7D	4M52W7D
3	0.305	0.255	0.199	0.095	2M72G7D	2M72W7D	2M72W7D	2M72W7D
1.4	0.305	0.258	0.199	0.096	1M11G7D	1M11W7D	1M11W7D	1M11W7D
LTE Band 71	Maximum E.R.P./E.I.R.P. (W)				Emission Designator (99%OBW)			
BW (MHz)	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
20	0.050	0.042	0.033	0.016	17M9G7D	18M0W7D	17M9W7D	17M9W7D
15	0.050	0.042	0.033	0.016	13M5G7D	13M5W7D	13M5W7D	13M5W7D
10	0.049	0.042	0.033	0.016	9M00G7D	8M99W7D	8M99W7D	8M99W7D
5	0.049	0.042	0.033	0.016	4M53G7D	4M53W7D	4M52W7D	4M52W7D



LTE Band 41	Maximum E.R.P./E.I.R.P. (W)							
	Power Class 2				Power Class 3			
BW (MHz)	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
20	0.448	0.371	0.291	0.152	0.231	0.189	0.151	0.073
15	0.445	0.366	0.282	0.149	0.230	0.194	0.151	0.075
10	0.444	0.366	0.288	0.149	0.229	0.191	0.151	0.075
5	0.441	0.368	0.287	0.152	0.229	0.194	0.152	0.074
LTE Band 41	Emission Designator (99%OBW)							
	QPSK	16QAM	64QAM	256QAM				
5	18M0G7D	18M0W7D	18M0W7D	18M0W7D				
10	13M5G7D	13M5W7D	13M5W7D	13M5W7D				
15	9M01G7D	9M01W7D	9M04W7D	9M03W7D				
20	4M53G7D	4M53W7D	4M54W7D	4M53W7D				



1.4. Test Standards and Results

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

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

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

Section	Description	Test Date	Test Engineer	Result	Method Determination /Remark
2.1046 22.913(a)(2) 24.232(c) 27.50(a)(3) 27.50(b)(10) 27.50(c)(10) 27.50(d)(4) 27.50(h)(2) 27.50 (j)(3) 27.50 (k)(3)	Transmitter Conducted Output Power and E.R.P./E.I.R.P.	Nov. 14, 2023	Yu Xiaoming Gan Jing	PASS	No deviation
2.1049	Occupied Bandwidth	Nov. 14, 2023	Gan Jing	PASS	No deviation
2.1055 22.355 24.235 27.54	Frequency Stability	Nov. 14, 2023	Gan Jing	PASS	No deviation
24.232(d), 27.50(d)(5)	Peak to Average Radio	Nov. 14, 2023	Gan Jing	PASS	No deviation
2.1051 22.917(a) 24.238(a) 27.53(a)(4) 27.53(c)(2) 27.53(g)	Conducted Spurious Emissions	Nov. 14, 2023	Gan Jing	PASS	No deviation



27.53(h) 27.53 (i)(2) 27.53(m)(4) 27.53(n)(2)					
2.1051 22.917(a) 24.238(a) 27.53(a)(4) 27.53(c)(2) 27.53(g) 27.53(h) 27.53 (i)(2) 27.53(m)(4) 27.53(n)(2)	Band Edge	Nov. 14, 2023	Gan Jing	PASS	No deviation
2.1053 22.917(a) 24.238(a) 27.53(a)(4) 27.53(c)(2) 27.53(g) 27.53(h) 27.53 (i)(2) 27.53(m)(4) 27.53(n)(2)	Radiated Spurious Emissions	Dec. 28, 2023	Gao Jianrou	PASS	No deviation

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

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

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

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



1.5. Environmental Conditions

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

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



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

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

2.1.1. Requirement

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

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

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

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

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

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

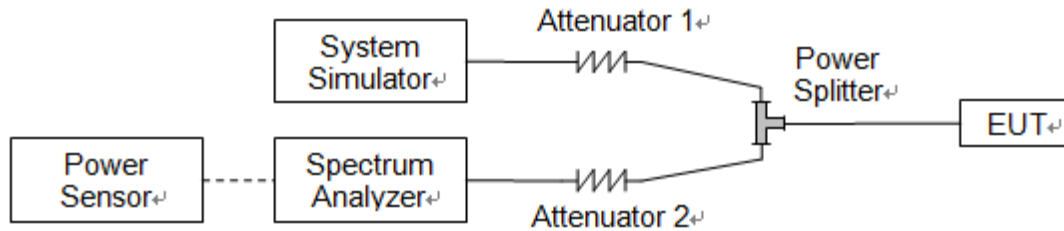
According to FCC section 27.50 (c)(10) for LTE Band 12/17/71, Portable stations (hand-held devices) operating in the 704-716MHz band are limited to 3watts E.R.P.

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

According to FCC section 27.50(k)(3) for Band 42, Mobile devices are limited to 1Watt (30 dBm) EIRP. Mobile devices operating in these bands must employ a means for limiting power to the minimum necessary for successful communications.

According to FCC section 27.50(j)(3) for LTE Band 43, Mobile and portable stations are limited to 1 Watt EIRP. Mobile and portable stations operating in these bands must employ a means for limiting power to the minimum necessary for successful communications.

2.1.2. Test Description



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

2.1.3. Test Procedure

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

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

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



2.1.4. Result

Conducted Output Power

LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18700	18900	19100
Frequency (MHz)				1860	1880	1900
20	QPSK	1	0	21.57	21.65	21.55
20	QPSK	1	49	22.77	22.81	22.74
20	QPSK	1	99	22.71	22.76	22.69
20	QPSK	50	0	22.72	22.70	22.65
20	QPSK	50	24	21.86	21.90	21.84
20	QPSK	50	50	21.75	21.82	21.77
20	QPSK	100	0	21.70	21.79	21.68
20	16QAM	1	0	21.74	21.76	21.71
20	16QAM	1	49	21.96	22.02	21.97
20	16QAM	1	99	21.92	21.95	21.89
20	16QAM	50	0	21.85	21.93	21.86
20	16QAM	50	24	20.82	20.91	20.87
20	16QAM	50	50	20.75	20.85	20.79
20	16QAM	100	0	20.68	20.82	20.75
20	64QAM	1	0	20.73	20.77	20.80
20	64QAM	1	49	20.84	20.89	20.83
20	64QAM	1	99	20.77	20.84	20.75
20	64QAM	50	0	20.71	20.73	20.70
20	64QAM	50	24	19.77	19.85	19.79
20	64QAM	50	50	19.68	19.70	19.82
20	64QAM	100	0	19.73	19.78	19.74
20	256QAM	1	0	19.65	19.73	19.68
20	256QAM	1	49	17.90	17.95	17.69
20	256QAM	1	99	17.68	17.88	17.86
20	256QAM	50	0	17.86	17.73	17.71
20	256QAM	50	24	16.72	16.85	16.74
20	256QAM	50	50	16.68	16.83	16.88
20	256QAM	100	0	16.81	16.79	16.66



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	22.77	22.79	22.73
15	QPSK	1	37	22.61	22.76	22.68
15	QPSK	1	74	22.75	22.73	22.67
15	QPSK	36	0	21.77	21.83	21.91
15	QPSK	36	20	21.72	21.75	21.70
15	QPSK	36	39	21.68	21.76	21.72
15	QPSK	75	0	21.69	21.67	21.71
15	16QAM	1	0	21.97	22.04	22.03
15	16QAM	1	37	21.99	21.95	21.87
15	16QAM	1	74	21.81	21.80	21.84
15	16QAM	36	0	20.70	20.96	20.93
15	16QAM	36	20	20.63	20.80	20.88
15	16QAM	36	39	20.74	20.80	20.82
15	16QAM	75	0	20.78	20.66	20.71
15	64QAM	1	0	20.80	20.91	20.87
15	64QAM	1	37	20.63	20.86	20.71
15	64QAM	1	74	20.71	20.64	20.63
15	64QAM	36	0	19.62	19.83	19.85
15	64QAM	36	20	19.68	19.79	19.79
15	64QAM	36	39	19.59	19.83	19.74
15	64QAM	75	0	19.64	19.79	19.58
15	256QAM	1	0	17.90	17.94	17.72
15	256QAM	1	37	17.65	17.86	17.94
15	256QAM	1	74	17.68	17.69	17.57
15	256QAM	36	0	16.59	16.92	16.79
15	256QAM	36	20	16.65	16.70	16.87
15	256QAM	36	39	16.67	16.63	16.68
15	256QAM	75	0	16.61	16.77	16.62



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	22.74	22.77	22.69
10	QPSK	1	25	22.67	22.75	22.72
10	QPSK	1	49	22.62	22.70	22.65
10	QPSK	25	0	21.84	21.82	21.87
10	QPSK	25	12	21.66	21.79	21.82
10	QPSK	25	25	21.79	21.69	21.64
10	QPSK	50	0	21.65	21.85	21.75
10	16QAM	1	0	21.97	22.09	21.94
10	16QAM	1	25	21.86	22.03	21.99
10	16QAM	1	49	21.71	21.94	21.94
10	16QAM	25	0	20.75	20.85	20.83
10	16QAM	25	12	20.70	20.87	20.86
10	16QAM	25	25	20.65	20.88	20.63
10	16QAM	50	0	20.64	20.76	20.87
10	64QAM	1	0	20.94	20.77	20.84
10	64QAM	1	25	20.74	20.84	20.71
10	64QAM	1	49	20.67	20.74	20.76
10	64QAM	25	0	19.68	19.83	19.67
10	64QAM	25	12	19.70	19.75	19.71
10	64QAM	25	25	19.80	19.67	19.75
10	64QAM	50	0	19.74	19.79	19.68
10	256QAM	1	0	17.76	17.93	17.63
10	256QAM	1	25	17.69	17.90	17.90
10	256QAM	1	49	17.79	17.64	17.66
10	256QAM	25	0	16.75	16.82	16.78
10	256QAM	25	12	16.58	16.83	16.86
10	256QAM	25	25	16.76	16.64	16.55
10	256QAM	50	0	16.61	16.83	16.69



LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18625	18900	19175
Frequency (MHz)				1852.5	1880	1907.5
5	QPSK	1	0	22.77	22.78	22.73
5	QPSK	1	12	22.76	22.74	22.63
5	QPSK	1	24	22.70	22.74	22.66
5	QPSK	12	0	21.81	21.94	21.92
5	QPSK	12	7	21.77	21.86	21.76
5	QPSK	12	13	21.62	21.67	21.63
5	QPSK	25	0	21.83	21.76	21.77
5	16QAM	1	0	22.00	21.92	22.01
5	16QAM	1	12	21.82	22.00	21.87
5	16QAM	1	24	21.79	21.93	21.81
5	16QAM	12	0	20.70	20.93	20.97
5	16QAM	12	7	20.82	20.74	20.88
5	16QAM	12	13	20.68	20.72	20.66
5	16QAM	25	0	20.61	20.83	20.73
5	64QAM	1	0	20.78	20.89	20.70
5	64QAM	1	12	20.80	20.79	20.85
5	64QAM	1	24	20.69	20.82	20.56
5	64QAM	12	0	19.63	19.78	19.75
5	64QAM	12	7	19.75	19.66	19.74
5	64QAM	12	13	19.81	19.73	19.62
5	64QAM	25	0	19.60	19.61	19.59
5	256QAM	1	0	17.81	17.98	17.72
5	256QAM	1	12	17.71	17.86	17.85
5	256QAM	1	24	17.71	17.66	17.62
5	256QAM	12	0	16.70	16.85	16.81
5	256QAM	12	7	16.75	16.89	16.81
5	256QAM	12	13	16.80	16.68	16.58
5	256QAM	25	0	16.71	16.86	16.59



LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18615	18900	19185
Frequency (MHz)				1851.5	1880	1908.5
3	QPSK	1	0	22.71	22.74	22.70
3	QPSK	1	8	22.58	22.62	22.67
3	QPSK	1	14	22.65	22.70	22.66
3	QPSK	8	0	21.84	21.75	21.70
3	QPSK	8	4	21.72	21.76	21.68
3	QPSK	8	7	21.70	21.85	21.61
3	QPSK	15	0	21.77	21.63	21.61
3	16QAM	1	0	21.81	22.00	21.94
3	16QAM	1	8	21.80	21.97	21.92
3	16QAM	1	14	21.93	21.79	21.74
3	16QAM	8	0	20.73	20.85	20.80
3	16QAM	8	4	20.82	20.94	20.77
3	16QAM	8	7	20.70	20.91	20.63
3	16QAM	15	0	20.59	20.65	20.73
3	64QAM	1	0	20.75	20.84	20.82
3	64QAM	1	8	20.68	20.93	20.83
3	64QAM	1	14	20.76	20.80	20.60
3	64QAM	8	0	19.86	19.92	19.85
3	64QAM	8	4	19.72	19.74	19.74
3	64QAM	8	7	19.61	19.77	19.75
3	64QAM	15	0	19.75	19.81	19.69
3	256QAM	1	0	17.94	17.93	17.63
3	256QAM	1	8	17.74	17.75	17.96
3	256QAM	1	14	17.76	17.67	17.77
3	256QAM	8	0	16.80	16.96	16.69
3	256QAM	8	4	16.69	16.80	16.77
3	256QAM	8	7	16.83	16.62	16.61
3	256QAM	15	0	16.72	16.81	16.61



LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18607	18900	19193
Frequency (MHz)				1850.7	1880	1909.3
1.4	QPSK	1	0	22.71	22.78	22.70
1.4	QPSK	1	3	22.57	22.64	22.69
1.4	QPSK	1	5	22.75	22.69	22.69
1.4	QPSK	3	0	21.90	21.94	21.69
1.4	QPSK	3	1	21.84	21.89	21.69
1.4	QPSK	3	3	21.73	21.81	21.69
1.4	QPSK	6	0	21.69	21.64	21.59
1.4	16QAM	1	0	22.04	21.87	22.01
1.4	16QAM	1	3	21.83	21.90	21.74
1.4	16QAM	1	5	21.89	21.80	21.78
1.4	16QAM	3	0	20.73	20.93	20.82
1.4	16QAM	3	1	20.79	20.72	20.79
1.4	16QAM	3	3	20.73	20.68	20.66
1.4	16QAM	6	0	20.74	20.73	20.65
1.4	64QAM	1	0	20.70	20.93	20.78
1.4	64QAM	1	3	20.85	20.78	20.63
1.4	64QAM	1	5	20.72	20.80	20.60
1.4	64QAM	3	0	19.74	19.73	19.73
1.4	64QAM	3	1	19.71	19.80	19.89
1.4	64QAM	3	3	19.70	19.79	19.82
1.4	64QAM	6	0	19.74	19.71	19.70
1.4	256QAM	1	0	17.79	17.90	17.64
1.4	256QAM	1	3	17.67	17.80	17.89
1.4	256QAM	1	5	17.72	17.64	17.59
1.4	256QAM	3	0	16.75	16.85	16.70
1.4	256QAM	3	1	16.75	16.85	16.96
1.4	256QAM	3	3	16.71	16.72	16.58
1.4	256QAM	6	0	16.73	16.76	16.62



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20050	20175	20300
Frequency (MHz)				1720	1732.5	1745
20	QPSK	1	0	22.78	22.85	22.72
20	QPSK	1	49	22.60	22.76	22.58
20	QPSK	1	99	22.79	22.70	22.67
20	QPSK	50	0	21.88	21.90	21.86
20	QPSK	50	24	21.65	21.82	21.71
20	QPSK	50	50	21.74	21.89	21.73
20	QPSK	100	0	21.65	21.81	21.79
20	16QAM	1	0	22.06	22.06	21.83
20	16QAM	1	49	21.82	21.86	21.90
20	16QAM	1	99	21.82	21.82	21.73
20	16QAM	50	0	20.88	20.83	20.87
20	16QAM	50	24	20.75	20.87	20.65
20	16QAM	50	50	20.60	20.69	20.78
20	16QAM	100	0	20.79	20.77	20.73
20	64QAM	1	0	20.89	20.89	20.90
20	64QAM	1	49	20.82	20.83	20.83
20	64QAM	1	99	20.57	20.75	20.65
20	64QAM	50	0	19.80	19.76	19.77
20	64QAM	50	24	19.54	19.67	19.85
20	64QAM	50	50	19.79	19.69	19.71
20	64QAM	100	0	19.56	19.67	19.74
20	256QAM	1	0	17.79	17.85	17.70
20	256QAM	1	49	17.75	17.92	17.95
20	256QAM	1	99	17.78	17.74	17.66
20	256QAM	50	0	16.62	16.84	16.85
20	256QAM	50	24	16.58	16.85	16.77
20	256QAM	50	50	16.84	16.70	16.72
20	256QAM	100	0	16.60	16.82	16.51



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20025	20175	20325
Frequency (MHz)				1717.5	1732.5	1747.5
15	QPSK	1	0	22.75	22.82	22.76
15	QPSK	1	37	22.58	22.72	22.74
15	QPSK	1	74	22.76	22.67	22.62
15	QPSK	36	0	21.73	21.78	21.88
15	QPSK	36	20	21.78	21.93	21.83
15	QPSK	36	39	21.72	21.75	21.65
15	QPSK	75	0	21.84	21.72	21.74
15	16QAM	1	0	22.00	22.10	21.83
15	16QAM	1	37	21.93	21.89	21.91
15	16QAM	1	74	21.76	21.89	21.75
15	16QAM	36	0	20.70	21.01	20.79
15	16QAM	36	20	20.82	20.78	20.83
15	16QAM	36	39	20.77	20.87	20.63
15	16QAM	75	0	20.72	20.83	20.66
15	64QAM	1	0	20.79	20.99	20.94
15	64QAM	1	37	20.70	20.70	20.76
15	64QAM	1	74	20.77	20.74	20.62
15	64QAM	36	0	19.85	19.95	19.73
15	64QAM	36	20	19.70	19.78	19.76
15	64QAM	36	39	19.71	19.78	19.73
15	64QAM	75	0	19.62	19.72	19.58
15	256QAM	1	0	17.84	17.86	17.63
15	256QAM	1	37	17.65	17.81	17.79
15	256QAM	1	74	17.71	17.75	17.57
15	256QAM	36	0	16.67	16.85	16.68
15	256QAM	36	20	16.72	16.88	16.65
15	256QAM	36	39	16.69	16.76	16.56
15	256QAM	75	0	16.68	16.87	16.62



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20000	20175	20350
Frequency (MHz)				1715	1732.5	1750
10	QPSK	1	0	22.75	22.80	22.77
10	QPSK	1	25	22.58	22.72	22.67
10	QPSK	1	49	22.72	22.63	22.52
10	QPSK	25	0	21.73	21.93	21.77
10	QPSK	25	12	21.65	21.85	21.72
10	QPSK	25	25	21.73	21.89	21.77
10	QPSK	50	0	21.62	21.87	21.73
10	16QAM	1	0	21.83	21.94	21.96
10	16QAM	1	25	21.98	21.83	21.76
10	16QAM	1	49	21.91	21.82	21.88
10	16QAM	25	0	20.69	20.92	20.76
10	16QAM	25	12	20.78	20.77	20.78
10	16QAM	25	25	20.78	20.87	20.86
10	16QAM	50	0	20.64	20.83	20.91
10	64QAM	1	0	20.74	20.96	20.83
10	64QAM	1	25	20.63	20.89	20.71
10	64QAM	1	49	20.73	20.74	20.76
10	64QAM	25	0	19.80	19.83	19.85
10	64QAM	25	12	19.58	19.73	19.90
10	64QAM	25	25	19.65	19.79	19.62
10	64QAM	50	0	19.61	19.74	19.68
10	256QAM	1	0	17.85	17.95	17.75
10	256QAM	1	25	17.69	17.81	17.80
10	256QAM	1	49	17.79	17.69	17.77
10	256QAM	25	0	16.69	16.88	16.76
10	256QAM	25	12	16.71	16.73	16.84
10	256QAM	25	25	16.73	16.61	16.63
10	256QAM	50	0	16.75	16.77	16.61



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				19975	20175	20375
Frequency (MHz)				1712.5	1732.5	1752.5
5	QPSK	1	0	22.72	22.81	22.78
5	QPSK	1	12	22.72	22.68	22.67
5	QPSK	1	24	22.64	22.68	22.72
5	QPSK	12	0	21.75	21.92	21.75
5	QPSK	12	7	21.77	21.91	21.71
5	QPSK	12	13	21.81	21.65	21.62
5	QPSK	25	0	21.82	21.67	21.73
5	16QAM	1	0	21.84	22.08	21.84
5	16QAM	1	12	22.00	22.00	21.80
5	16QAM	1	24	21.72	21.95	21.95
5	16QAM	12	0	20.72	21.00	20.84
5	16QAM	12	7	20.86	20.96	20.84
5	16QAM	12	13	20.79	20.77	20.65
5	16QAM	25	0	20.59	20.70	20.89
5	64QAM	1	0	20.87	20.80	20.82
5	64QAM	1	12	20.82	20.75	20.72
5	64QAM	1	24	20.79	20.78	20.71
5	64QAM	12	0	19.69	19.83	19.78
5	64QAM	12	7	19.62	19.71	19.79
5	64QAM	12	13	19.75	19.77	19.64
5	64QAM	25	0	19.75	19.69	19.56
5	256QAM	1	0	17.82	18.03	17.66
5	256QAM	1	12	17.72	17.74	17.76
5	256QAM	1	24	17.76	17.69	17.80
5	256QAM	12	0	16.62	16.89	16.80
5	256QAM	12	7	16.67	16.77	16.87
5	256QAM	12	13	16.81	16.63	16.62
5	256QAM	25	0	16.70	16.90	16.77



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				19965	20175	20385
Frequency (MHz)				1711.5	1732.5	1753.5
3	QPSK	1	0	22.76	22.77	22.70
3	QPSK	1	8	22.75	22.73	22.72
3	QPSK	1	14	22.68	22.59	22.53
3	QPSK	8	0	21.92	21.85	21.84
3	QPSK	8	4	21.62	21.70	21.83
3	QPSK	8	7	21.75	21.66	21.56
3	QPSK	15	0	21.80	21.83	21.67
3	16QAM	1	0	21.92	22.04	22.05
3	16QAM	1	8	21.97	21.87	22.00
3	16QAM	1	14	21.94	21.90	21.97
3	16QAM	8	0	20.89	20.91	20.88
3	16QAM	8	4	20.72	20.78	20.90
3	16QAM	8	7	20.75	20.79	20.63
3	16QAM	15	0	20.79	20.67	20.77
3	64QAM	1	0	20.76	20.89	20.73
3	64QAM	1	8	20.73	20.93	20.83
3	64QAM	1	14	20.71	20.68	20.57
3	64QAM	8	0	19.71	19.81	19.85
3	64QAM	8	4	19.64	19.76	19.83
3	64QAM	8	7	19.74	19.69	19.68
3	64QAM	15	0	19.53	19.78	19.63
3	256QAM	1	0	17.83	17.91	17.65
3	256QAM	1	8	17.77	17.78	17.92
3	256QAM	1	14	17.79	17.61	17.57
3	256QAM	8	0	16.68	16.83	16.84
3	256QAM	8	4	16.74	16.74	16.82
3	256QAM	8	7	16.67	16.64	16.61
3	256QAM	15	0	16.68	16.89	16.65



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				19957	20175	20393
Frequency (MHz)				1710.7	1732.5	1754.3
1.4	QPSK	1	0	22.75	22.78	22.73
1.4	QPSK	1	3	22.74	22.71	22.64
1.4	QPSK	1	5	22.65	22.75	22.67
1.4	QPSK	3	0	21.97	21.90	21.88
1.4	QPSK	3	1	21.67	21.83	21.82
1.4	QPSK	3	3	21.72	21.72	21.76
1.4	QPSK	6	0	21.82	21.82	21.63
1.4	16QAM	1	0	21.95	21.90	21.83
1.4	16QAM	1	3	21.87	21.92	21.86
1.4	16QAM	1	5	21.96	21.96	21.81
1.4	16QAM	3	0	20.81	20.95	20.80
1.4	16QAM	3	1	20.74	20.71	20.87
1.4	16QAM	3	3	20.77	20.80	20.82
1.4	16QAM	6	0	20.71	20.80	20.91
1.4	64QAM	1	0	20.83	20.86	20.85
1.4	64QAM	1	3	20.84	20.93	20.78
1.4	64QAM	1	5	20.72	20.77	20.72
1.4	64QAM	3	0	19.85	19.75	19.68
1.4	64QAM	3	1	19.70	19.72	19.71
1.4	64QAM	3	3	19.72	19.74	19.70
1.4	64QAM	6	0	19.72	19.74	19.55
1.4	256QAM	1	0	17.93	17.89	17.67
1.4	256QAM	1	3	17.61	17.78	17.87
1.4	256QAM	1	5	17.74	17.69	17.65
1.4	256QAM	3	0	16.73	16.84	16.73
1.4	256QAM	3	1	16.61	16.70	16.90
1.4	256QAM	3	3	16.82	16.64	16.66
1.4	256QAM	6	0	16.73	16.82	16.63



LTE Band 5						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20450	20525	20600
Frequency (MHz)				829	836.5	844
10	QPSK	1	0	23.04	23.09	23.03
10	QPSK	1	25	23.05	23.02	22.95
10	QPSK	1	49	23.01	23.06	22.93
10	QPSK	25	0	22.04	22.10	22.00
10	QPSK	25	12	21.92	22.09	21.95
10	QPSK	25	25	22.09	22.09	22.05
10	QPSK	50	0	22.03	22.02	22.07
10	16QAM	1	0	22.22	22.25	22.13
10	16QAM	1	25	22.11	22.21	22.28
10	16QAM	1	49	22.05	22.07	22.24
10	16QAM	25	0	21.06	21.08	21.10
10	16QAM	25	12	21.10	21.20	21.04
10	16QAM	25	25	20.92	21.01	21.02
10	16QAM	50	0	21.09	21.03	20.97
10	64QAM	1	0	21.19	21.15	21.10
10	64QAM	1	25	21.10	20.98	20.93
10	64QAM	1	49	21.08	21.03	20.97
10	64QAM	25	0	19.98	20.03	20.10
10	64QAM	25	12	19.95	20.06	20.14
10	64QAM	25	25	20.03	20.09	19.93
10	64QAM	50	0	19.88	20.09	20.07
10	256QAM	1	0	17.93	17.84	17.72
10	256QAM	1	25	17.68	17.82	17.94
10	256QAM	1	49	17.83	17.66	17.69
10	256QAM	25	0	16.70	16.93	16.78
10	256QAM	25	12	16.62	16.71	16.86
10	256QAM	25	25	16.81	16.69	16.62
10	256QAM	50	0	16.72	16.81	16.57



LTE Band 5						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20425	20525	20625
Frequency (MHz)				826.5	836.5	846.5
5	QPSK	1	0	23.03	23.07	23.01
5	QPSK	1	12	22.87	23.08	23.07
5	QPSK	1	24	22.97	23.08	22.81
5	QPSK	12	0	22.11	22.23	22.03
5	QPSK	12	7	21.97	22.19	22.15
5	QPSK	12	13	21.95	21.94	22.04
5	QPSK	25	0	21.89	22.12	21.95
5	16QAM	1	0	22.12	22.34	22.14
5	16QAM	1	12	22.09	22.22	22.20
5	16QAM	1	24	22.13	22.12	22.11
5	16QAM	12	0	21.07	21.06	21.03
5	16QAM	12	7	20.98	21.23	21.12
5	16QAM	12	13	20.95	21.16	21.04
5	16QAM	25	0	20.89	21.08	21.02
5	64QAM	1	0	21.12	21.20	20.97
5	64QAM	1	12	21.11	21.14	21.11
5	64QAM	1	24	20.98	20.87	21.07
5	64QAM	12	0	20.02	20.16	20.06
5	64QAM	12	7	20.06	19.94	19.99
5	64QAM	12	13	20.08	20.09	20.02
5	64QAM	25	0	19.99	19.89	19.84
5	256QAM	1	0	17.92	17.92	17.77
5	256QAM	1	12	17.77	17.85	17.82
5	256QAM	1	24	17.70	17.73	17.65
5	256QAM	12	0	16.69	16.86	16.80
5	256QAM	12	7	16.73	16.88	16.83
5	256QAM	12	13	16.80	16.72	16.61
5	256QAM	25	0	16.65	16.88	16.67



LTE Band 5						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20415	20525	20635
Frequency (MHz)				825.5	836.5	847.5
3	QPSK	1	0	22.96	23.04	22.91
3	QPSK	1	8	22.94	22.96	22.89
3	QPSK	1	14	22.92	23.00	23.03
3	QPSK	8	0	22.16	22.12	22.17
3	QPSK	8	4	21.98	22.18	21.95
3	QPSK	8	7	22.06	22.17	21.91
3	QPSK	15	0	22.05	21.91	21.93
3	16QAM	1	0	22.13	22.25	22.18
3	16QAM	1	8	22.09	22.34	22.03
3	16QAM	1	14	22.23	22.29	22.22
3	16QAM	8	0	21.08	21.11	21.02
3	16QAM	8	4	21.05	21.21	21.17
3	16QAM	8	7	20.86	21.08	21.07
3	16QAM	15	0	20.90	21.03	21.11
3	64QAM	1	0	21.20	21.19	20.98
3	64QAM	1	8	21.08	21.21	21.00
3	64QAM	1	14	20.99	21.06	20.91
3	64QAM	8	0	20.07	20.14	19.94
3	64QAM	8	4	19.93	20.01	20.08
3	64QAM	8	7	19.90	20.02	20.03
3	64QAM	15	0	19.84	20.03	20.03
3	256QAM	1	0	17.89	17.92	17.65
3	256QAM	1	8	17.64	17.87	17.96
3	256QAM	1	14	17.72	17.64	17.60
3	256QAM	8	0	16.59	16.82	16.79
3	256QAM	8	4	16.62	16.70	16.81
3	256QAM	8	7	16.83	16.70	16.64
3	256QAM	15	0	16.70	16.84	16.58



LTE Band 5						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20407	20525	20643
Frequency (MHz)				824.7	836.5	848.3
1.4	QPSK	1	0	22.99	23.01	22.98
1.4	QPSK	1	3	22.95	23.03	23.01
1.4	QPSK	1	5	22.99	22.96	22.89
1.4	QPSK	3	0	22.00	22.13	22.02
1.4	QPSK	3	1	22.05	22.21	21.96
1.4	QPSK	3	3	21.99	22.11	22.00
1.4	QPSK	6	0	22.00	22.14	22.00
1.4	16QAM	1	0	22.25	22.23	22.11
1.4	16QAM	1	3	22.24	22.27	22.18
1.4	16QAM	1	5	22.23	22.15	22.01
1.4	16QAM	3	0	21.04	21.13	21.09
1.4	16QAM	3	1	20.97	21.15	20.93
1.4	16QAM	3	3	20.98	21.11	21.01
1.4	16QAM	6	0	20.89	21.10	21.06
1.4	64QAM	1	0	21.21	21.20	21.09
1.4	64QAM	1	3	21.00	21.02	21.13
1.4	64QAM	1	5	20.87	20.88	20.94
1.4	64QAM	3	0	20.03	20.15	20.06
1.4	64QAM	3	1	20.02	19.96	20.19
1.4	64QAM	3	3	19.95	19.97	20.04
1.4	64QAM	6	0	19.85	20.11	20.04
1.4	256QAM	1	0	17.84	18.03	17.71
1.4	256QAM	1	3	17.76	17.91	17.92
1.4	256QAM	1	5	17.80	17.68	17.82
1.4	256QAM	3	0	16.66	16.96	16.84
1.4	256QAM	3	1	16.75	16.77	16.91
1.4	256QAM	3	3	16.74	16.75	16.82
1.4	256QAM	6	0	16.63	16.75	16.54



LTE Band 7						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20850	21100	21350
Frequency (MHz)				2510	2535	2560
20	QPSK	1	0	23.00	23.09	23.03
20	QPSK	1	49	22.89	23.01	22.86
20	QPSK	1	99	22.95	22.89	22.83
20	QPSK	50	0	22.08	22.23	22.14
20	QPSK	50	24	21.86	22.13	22.03
20	QPSK	50	50	21.85	21.90	21.91
20	QPSK	100	0	22.06	21.91	21.88
20	16QAM	1	0	22.07	22.16	22.29
20	16QAM	1	49	22.04	22.18	22.16
20	16QAM	1	99	21.98	22.09	22.11
20	16QAM	50	0	20.95	21.17	21.09
20	16QAM	50	24	21.07	20.95	20.99
20	16QAM	50	50	20.90	21.05	20.88
20	16QAM	100	0	20.84	21.07	21.03
20	64QAM	1	0	21.12	21.08	21.09
20	64QAM	1	49	21.04	20.93	21.05
20	64QAM	1	99	20.96	21.04	21.04
20	64QAM	50	0	19.88	20.15	20.02
20	64QAM	50	24	19.94	19.95	20.04
20	64QAM	50	50	20.07	20.10	19.87
20	64QAM	100	0	19.80	19.97	19.97
20	256QAM	1	0	17.82	18.01	17.62
20	256QAM	1	49	17.78	17.76	17.86
20	256QAM	1	99	17.79	17.69	17.66
20	256QAM	50	0	16.68	16.88	16.79
20	256QAM	50	24	16.58	16.75	16.82
20	256QAM	50	50	16.73	16.70	16.71
20	256QAM	100	0	16.62	16.76	16.66



LTE Band 7						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20825	21100	21375
Frequency (MHz)				2507.5	2535	2562.5
15	QPSK	1	0	23.02	23.06	22.96
15	QPSK	1	37	22.98	22.90	23.02
15	QPSK	1	74	22.85	22.97	22.92
15	QPSK	36	0	22.12	22.02	22.01
15	QPSK	36	20	21.86	21.98	21.91
15	QPSK	36	39	22.04	22.09	21.77
15	QPSK	75	0	21.90	22.04	21.85
15	16QAM	1	0	22.30	22.22	22.13
15	16QAM	1	37	22.08	22.25	22.10
15	16QAM	1	74	22.16	22.07	21.95
15	16QAM	36	0	21.08	21.07	21.19
15	16QAM	36	20	20.85	21.12	20.94
15	16QAM	36	39	20.99	21.12	21.04
15	16QAM	75	0	20.93	20.89	21.06
15	64QAM	1	0	21.04	21.01	21.01
15	64QAM	1	37	21.08	20.99	21.01
15	64QAM	1	74	20.83	20.87	20.83
15	64QAM	36	0	19.88	20.09	20.11
15	64QAM	36	20	19.80	19.99	19.97
15	64QAM	36	39	20.07	20.00	19.84
15	64QAM	75	0	19.87	20.07	19.95
15	256QAM	1	0	17.85	18.00	17.62
15	256QAM	1	37	17.61	17.77	17.69
15	256QAM	1	74	17.73	17.67	17.63
15	256QAM	36	0	16.66	16.81	16.76
15	256QAM	36	20	16.61	16.89	16.81
15	256QAM	36	39	16.81	16.71	16.57
15	256QAM	75	0	16.66	16.75	16.54



LTE Band 7						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20800	21100	21400
Frequency (MHz)				2505	2535	2565
10	QPSK	1	0	23.00	23.04	22.97
10	QPSK	1	25	23.00	22.91	22.99
10	QPSK	1	49	22.87	23.00	22.89
10	QPSK	25	0	22.02	22.02	22.13
10	QPSK	25	12	21.97	21.91	22.04
10	QPSK	25	25	21.85	22.00	21.90
10	QPSK	50	0	22.08	21.85	21.91
10	16QAM	1	0	22.16	22.26	22.11
10	16QAM	1	25	22.04	22.23	22.09
10	16QAM	1	49	22.14	22.16	21.97
10	16QAM	25	0	21.16	21.17	21.03
10	16QAM	25	12	20.86	21.01	21.01
10	16QAM	25	25	20.83	20.91	20.92
10	16QAM	50	0	20.98	20.86	21.05
10	64QAM	1	0	21.11	21.08	21.04
10	64QAM	1	25	21.07	21.01	20.89
10	64QAM	1	49	21.01	21.04	20.97
10	64QAM	25	0	19.96	20.19	20.10
10	64QAM	25	12	19.90	20.03	20.09
10	64QAM	25	25	20.06	20.04	19.93
10	64QAM	50	0	19.79	19.87	19.86
10	256QAM	1	0	17.81	18.02	17.69
10	256QAM	1	25	17.69	17.74	17.78
10	256QAM	1	49	17.84	17.65	17.66
10	256QAM	25	0	16.59	16.88	16.82
10	256QAM	25	12	16.69	16.86	16.81
10	256QAM	25	25	16.67	16.76	16.65
10	256QAM	50	0	16.64	16.78	16.50



LTE Band 7						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20775	21100	21425
Frequency (MHz)				2502.5	2535	2567.5
5	QPSK	1	0	22.99	23.01	22.89
5	QPSK	1	12	22.98	22.99	22.88
5	QPSK	1	24	22.95	22.94	22.85
5	QPSK	12	0	22.15	22.16	22.09
5	QPSK	12	7	22.00	21.99	22.04
5	QPSK	12	13	21.91	22.10	21.82
5	QPSK	25	0	21.90	22.02	21.87
5	16QAM	1	0	22.23	22.16	22.22
5	16QAM	1	12	22.14	22.10	22.16
5	16QAM	1	24	22.11	22.15	22.08
5	16QAM	12	0	21.09	21.24	21.02
5	16QAM	12	7	20.97	21.10	21.09
5	16QAM	12	13	20.88	20.95	21.01
5	16QAM	25	0	20.94	21.11	21.04
5	64QAM	1	0	21.16	21.16	21.07
5	64QAM	1	12	21.04	21.01	20.90
5	64QAM	1	24	20.88	21.02	20.80
5	64QAM	12	0	19.93	20.09	19.93
5	64QAM	12	7	19.89	19.99	20.13
5	64QAM	12	13	19.95	19.93	19.90
5	64QAM	25	0	19.82	19.94	20.01
5	256QAM	1	0	17.84	17.91	17.77
5	256QAM	1	12	17.77	17.83	17.87
5	256QAM	1	24	17.80	17.71	17.69
5	256QAM	12	0	16.73	16.89	16.82
5	256QAM	12	7	16.67	16.79	16.78
5	256QAM	12	13	16.75	16.78	16.59
5	256QAM	25	0	16.65	16.75	16.59



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	22.87	22.96	22.90
10	QPSK	1	25	22.75	22.89	22.71
10	QPSK	1	49	22.84	22.75	22.72
10	QPSK	25	0	21.90	21.97	21.88
10	QPSK	25	12	21.74	21.82	21.75
10	QPSK	25	25	21.61	21.78	21.80
10	QPSK	50	0	21.68	21.79	21.65
10	16QAM	1	0	22.03	21.96	21.96
10	16QAM	1	25	22.02	22.03	22.01
10	16QAM	1	49	21.89	21.84	21.86
10	16QAM	25	0	20.75	20.85	20.83
10	16QAM	25	12	20.64	20.89	20.84
10	16QAM	25	25	20.76	20.71	20.89
10	16QAM	50	0	20.67	20.83	20.73
10	64QAM	1	0	20.84	20.81	20.95
10	64QAM	1	25	20.74	20.90	20.68
10	64QAM	1	49	20.80	20.71	20.69
10	64QAM	25	0	19.81	19.83	19.89
10	64QAM	25	12	19.64	19.78	19.87
10	64QAM	25	25	19.63	19.70	19.64
10	64QAM	50	0	19.58	19.71	19.63
10	256QAM	1	0	17.79	17.93	17.74
10	256QAM	1	25	17.65	17.89	17.81
10	256QAM	1	49	17.76	17.69	17.68
10	256QAM	25	0	16.72	16.91	16.80
10	256QAM	25	12	16.72	16.86	16.91
10	256QAM	25	25	16.68	16.80	16.63
10	256QAM	50	0	16.55	16.86	16.53



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	22.83	22.93	22.83
5	QPSK	1	12	22.62	22.76	22.71
5	QPSK	1	24	22.71	22.71	22.60
5	QPSK	12	0	21.83	21.95	21.73
5	QPSK	12	7	21.71	21.81	21.86
5	QPSK	12	13	21.84	21.77	21.75
5	QPSK	25	0	21.67	21.78	21.73
5	16QAM	1	0	21.94	22.02	21.99
5	16QAM	1	12	22.02	22.07	21.88
5	16QAM	1	24	21.97	21.89	21.77
5	16QAM	12	0	20.92	20.87	20.92
5	16QAM	12	7	20.67	20.94	20.69
5	16QAM	12	13	20.62	20.72	20.73
5	16QAM	25	0	20.78	20.85	20.93
5	64QAM	1	0	20.96	20.96	20.90
5	64QAM	1	12	20.80	20.82	20.86
5	64QAM	1	24	20.62	20.80	20.60
5	64QAM	12	0	19.90	19.78	19.90
5	64QAM	12	7	19.70	19.83	19.76
5	64QAM	12	13	19.63	19.71	19.81
5	64QAM	25	0	19.75	19.64	19.72
5	256QAM	1	0	17.78	17.87	17.58
5	256QAM	1	12	17.59	17.84	17.83
5	256QAM	1	24	17.76	17.61	17.62
5	256QAM	12	0	16.70	16.91	16.73
5	256QAM	12	7	16.60	16.79	16.97
5	256QAM	12	13	16.83	16.63	16.68
5	256QAM	25	0	16.72	16.82	16.64



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	22.86	22.92	22.83
3	QPSK	1	8	22.75	22.66	22.80
3	QPSK	1	14	22.64	22.76	22.64
3	QPSK	8	0	21.78	21.80	21.73
3	QPSK	8	4	21.84	21.90	21.67
3	QPSK	8	7	21.75	21.71	21.75
3	QPSK	15	0	21.86	21.70	21.81
3	16QAM	1	0	22.07	22.08	22.07
3	16QAM	1	8	21.87	22.06	21.84
3	16QAM	1	14	21.83	21.96	21.97
3	16QAM	8	0	20.90	21.03	21.01
3	16QAM	8	4	20.75	20.93	20.80
3	16QAM	8	7	20.76	20.85	20.85
3	16QAM	15	0	20.75	20.67	20.88
3	64QAM	1	0	20.76	20.94	20.94
3	64QAM	1	8	20.78	20.98	20.78
3	64QAM	1	14	20.82	20.74	20.72
3	64QAM	8	0	19.78	19.95	19.86
3	64QAM	8	4	19.76	19.68	19.88
3	64QAM	8	7	19.80	19.75	19.77
3	64QAM	15	0	19.59	19.80	19.63
3	256QAM	1	0	17.83	17.99	17.74
3	256QAM	1	8	17.65	17.87	17.96
3	256QAM	1	14	17.82	17.58	17.69
3	256QAM	8	0	16.61	16.82	16.69
3	256QAM	8	4	16.65	16.81	16.94
3	256QAM	8	7	16.76	16.77	16.61
3	256QAM	15	0	16.60	16.81	16.57



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	22.82	22.90	22.78
1.4	QPSK	1	3	22.80	22.72	22.82
1.4	QPSK	1	5	22.67	22.78	22.76
1.4	QPSK	3	0	21.75	21.92	21.83
1.4	QPSK	3	1	21.64	21.76	21.76
1.4	QPSK	3	3	21.83	21.78	21.79
1.4	QPSK	6	0	21.67	21.87	21.77
1.4	16QAM	1	0	21.85	21.98	22.09
1.4	16QAM	1	3	21.96	22.04	22.00
1.4	16QAM	1	5	21.92	21.88	21.95
1.4	16QAM	3	0	20.77	20.80	21.01
1.4	16QAM	3	1	20.82	20.90	20.81
1.4	16QAM	3	3	20.64	20.93	20.79
1.4	16QAM	6	0	20.69	20.74	20.90
1.4	64QAM	1	0	20.73	20.92	20.92
1.4	64QAM	1	3	20.86	20.74	20.74
1.4	64QAM	1	5	20.73	20.63	20.62
1.4	64QAM	3	0	19.68	19.76	19.74
1.4	64QAM	3	1	19.60	19.81	19.74
1.4	64QAM	3	3	19.78	19.69	19.68
1.4	64QAM	6	0	19.59	19.78	19.72
1.4	256QAM	1	0	17.93	17.99	17.66
1.4	256QAM	1	3	17.63	17.80	17.82
1.4	256QAM	1	5	17.76	17.72	17.69
1.4	256QAM	3	0	16.59	16.92	16.85
1.4	256QAM	3	1	16.73	16.71	16.79
1.4	256QAM	3	3	16.70	16.63	16.63
1.4	256QAM	6	0	16.62	16.94	16.62



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	/	23.11	/
10	QPSK	1	25	/	23.02	/
10	QPSK	1	49	/	22.96	/
10	QPSK	25	0	/	22.26	/
10	QPSK	25	12	/	22.02	/
10	QPSK	25	25	/	22.13	/
10	QPSK	50	0	/	21.97	/
10	16QAM	1	0	/	22.17	/
10	16QAM	1	25	/	22.09	/
10	16QAM	1	49	/	22.10	/
10	16QAM	25	0	/	21.17	/
10	16QAM	25	12	/	21.10	/
10	16QAM	25	25	/	21.15	/
10	16QAM	50	0	/	21.07	/
10	64QAM	1	0	/	21.22	/
10	64QAM	1	25	/	20.99	/
10	64QAM	1	49	/	20.95	/
10	64QAM	25	0	/	20.15	/
10	64QAM	25	12	/	19.91	/
10	64QAM	25	25	/	20.08	/
10	64QAM	50	0	/	20.08	/
10	256QAM	1	0	/	17.96	/
10	256QAM	1	25	/	17.90	/
10	256QAM	1	49	/	17.74	/
10	256QAM	25	0	/	16.84	/
10	256QAM	25	12	/	16.76	/
10	256QAM	25	25	/	16.63	/
10	256QAM	50	0	/	16.91	/



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	23.04	23.08	23.01
5	QPSK	1	12	22.86	22.92	23.00
5	QPSK	1	24	23.02	23.00	23.04
5	QPSK	12	0	22.15	22.19	22.10
5	QPSK	12	7	21.91	22.14	22.09
5	QPSK	12	13	21.86	21.94	21.94
5	QPSK	25	0	21.99	21.97	22.05
5	16QAM	1	0	22.24	22.40	22.25
5	16QAM	1	12	22.23	22.10	22.06
5	16QAM	1	24	22.23	22.10	22.25
5	16QAM	12	0	21.16	21.06	21.04
5	16QAM	12	7	20.99	21.11	21.00
5	16QAM	12	13	21.00	21.21	21.07
5	16QAM	25	0	21.07	21.09	21.00
5	64QAM	1	0	21.03	21.23	21.11
5	64QAM	1	12	20.94	21.20	21.00
5	64QAM	1	24	21.02	21.05	21.01
5	64QAM	12	0	19.96	20.21	19.97
5	64QAM	12	7	19.91	20.00	19.96
5	64QAM	12	13	20.04	20.11	20.00
5	64QAM	25	0	19.95	20.07	19.89
5	256QAM	1	0	17.87	17.88	17.61
5	256QAM	1	12	17.72	17.74	17.80
5	256QAM	1	24	17.67	17.56	17.52
5	256QAM	12	0	16.62	16.85	16.86
5	256QAM	12	7	16.58	16.69	16.88
5	256QAM	12	13	16.83	16.81	16.52
5	256QAM	25	0	16.63	16.87	16.59



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	22.80	22.87	22.78
10	QPSK	1	25	22.66	22.56	22.54
10	QPSK	1	49	22.60	22.64	22.63
10	QPSK	25	0	21.81	21.86	21.82
10	QPSK	25	12	21.70	21.58	21.72
10	QPSK	25	25	21.60	21.68	21.60
10	QPSK	50	0	21.62	21.53	21.61
10	16QAM	1	0	21.96	22.01	21.88
10	16QAM	1	25	21.83	21.73	21.88
10	16QAM	1	49	21.77	21.90	21.69
10	16QAM	25	0	20.67	20.87	20.86
10	16QAM	25	12	20.63	20.70	20.57
10	16QAM	25	25	20.60	20.79	20.58
10	16QAM	50	0	20.58	20.71	20.58
10	64QAM	1	0	20.74	20.81	20.73
10	64QAM	1	25	20.63	20.79	20.64
10	64QAM	1	49	20.57	20.65	20.55
10	64QAM	25	0	19.67	19.82	19.63
10	64QAM	25	12	19.51	19.54	19.63
10	64QAM	25	25	19.70	19.54	19.50
10	64QAM	50	0	19.57	19.51	19.44
10	256QAM	1	0	17.85	17.84	17.62
10	256QAM	1	25	17.76	17.86	17.76
10	256QAM	1	49	17.71	17.73	17.58
10	256QAM	25	0	16.67	16.82	16.85
10	256QAM	25	12	16.61	16.84	16.84
10	256QAM	25	25	16.80	16.66	16.65
10	256QAM	50	0	16.68	16.87	16.63



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	22.76	22.83	22.70
5	QPSK	1	12	22.62	22.52	22.51
5	QPSK	1	24	22.54	22.62	22.63
5	QPSK	12	0	21.61	21.79	21.69
5	QPSK	12	7	21.51	21.71	21.56
5	QPSK	12	13	21.57	21.67	21.61
5	QPSK	25	0	21.53	21.58	21.55
5	16QAM	1	0	21.95	21.82	21.80
5	16QAM	1	12	21.84	21.92	21.85
5	16QAM	1	24	21.64	21.76	21.68
5	16QAM	12	0	20.81	20.82	20.78
5	16QAM	12	7	20.53	20.74	20.72
5	16QAM	12	13	20.68	20.59	20.56
5	16QAM	25	0	20.56	20.57	20.60
5	64QAM	1	0	20.64	20.69	20.65
5	64QAM	1	12	20.72	20.77	20.73
5	64QAM	1	24	20.54	20.52	20.58
5	64QAM	12	0	19.75	19.76	19.68
5	64QAM	12	7	19.44	19.58	19.65
5	64QAM	12	13	19.68	19.76	19.65
5	64QAM	25	0	19.55	19.59	19.57
5	256QAM	1	0	17.88	17.89	17.72
5	256QAM	1	12	17.59	17.80	17.90
5	256QAM	1	24	17.67	17.57	17.54
5	256QAM	12	0	16.70	16.85	16.69
5	256QAM	12	7	16.63	16.77	16.82
5	256QAM	12	13	16.66	16.68	16.62
5	256QAM	25	0	16.63	16.78	16.56



LTE Band 25						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26140	26365	26590
Frequency (MHz)				1860	1882.5	1905
20	QPSK	1	0	22.91	22.95	22.87
20	QPSK	1	49	22.85	22.80	22.72
20	QPSK	1	99	22.73	22.68	22.77
20	QPSK	50	0	22.01	22.09	21.96
20	QPSK	50	24	21.90	21.95	21.94
20	QPSK	50	50	21.91	21.85	21.80
20	QPSK	100	0	21.81	21.99	21.94
20	16QAM	1	0	21.98	22.03	22.15
20	16QAM	1	49	21.96	21.95	22.10
20	16QAM	1	99	21.98	22.10	21.92
20	16QAM	50	0	21.03	20.97	20.95
20	16QAM	50	24	20.95	20.99	20.91
20	16QAM	50	50	20.72	20.91	20.75
20	16QAM	100	0	20.94	20.91	20.99
20	64QAM	1	0	20.96	20.95	20.95
20	64QAM	1	49	20.91	20.82	20.91
20	64QAM	1	99	20.88	20.95	20.91
20	64QAM	50	0	19.80	19.98	19.83
20	64QAM	50	24	19.72	19.69	19.89
20	64QAM	50	50	19.88	19.76	19.85
20	64QAM	100	0	19.81	19.73	19.88
20	256QAM	1	0	17.83	18.03	17.79
20	256QAM	1	49	17.73	17.89	17.94
20	256QAM	1	99	17.75	17.67	17.68
20	256QAM	50	0	16.65	16.94	16.78
20	256QAM	50	24	16.66	16.81	16.86
20	256QAM	50	50	16.71	16.70	16.73
20	256QAM	100	0	16.67	16.78	16.66



LTE Band 25						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26115	26365	26615
Frequency (MHz)				1857.5	1882.5	1907.5
15	QPSK	1	0	22.88	22.91	22.86
15	QPSK	1	37	22.83	22.87	22.74
15	QPSK	1	74	22.84	22.68	22.68
15	QPSK	36	0	21.85	22.03	22.01
15	QPSK	36	20	21.85	21.89	21.77
15	QPSK	36	39	21.89	21.92	21.75
15	QPSK	75	0	21.89	21.80	21.74
15	16QAM	1	0	22.03	22.09	22.05
15	16QAM	1	37	21.94	22.04	21.88
15	16QAM	1	74	22.02	21.93	21.85
15	16QAM	36	0	20.99	20.94	21.01
15	16QAM	36	20	20.90	21.05	20.98
15	16QAM	36	39	20.70	21.04	20.83
15	16QAM	75	0	20.74	20.82	21.03
15	64QAM	1	0	20.99	20.88	20.88
15	64QAM	1	37	20.89	21.06	20.82
15	64QAM	1	74	20.88	20.78	20.90
15	64QAM	36	0	19.81	19.99	19.93
15	64QAM	36	20	19.74	19.75	19.88
15	64QAM	36	39	19.75	20.00	19.72
15	64QAM	75	0	19.71	19.96	19.90
15	256QAM	1	0	17.76	17.88	17.66
15	256QAM	1	37	17.59	17.85	17.84
15	256QAM	1	74	17.77	17.61	17.67
15	256QAM	36	0	16.68	16.90	16.69
15	256QAM	36	20	16.66	16.82	16.77
15	256QAM	36	39	16.69	16.80	16.59
15	256QAM	75	0	16.62	16.88	16.57



LTE Band 25						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26090	26365	26640
Frequency (MHz)				1855	1882.5	1910
10	QPSK	1	0	22.88	22.90	22.85
10	QPSK	1	25	22.79	22.87	22.72
10	QPSK	1	49	22.83	22.85	22.80
10	QPSK	25	0	21.94	22.08	21.85
10	QPSK	25	12	21.76	21.96	21.98
10	QPSK	25	25	21.76	21.79	21.81
10	QPSK	50	0	21.80	21.90	21.84
10	16QAM	1	0	22.16	22.18	22.08
10	16QAM	1	25	22.15	22.00	21.97
10	16QAM	1	49	22.04	22.07	21.90
10	16QAM	25	0	20.84	21.06	21.05
10	16QAM	25	12	20.74	20.96	20.81
10	16QAM	25	25	20.90	20.99	20.76
10	16QAM	50	0	20.91	21.00	21.01
10	64QAM	1	0	20.93	20.94	20.88
10	64QAM	1	25	20.75	21.03	20.92
10	64QAM	1	49	20.78	20.78	20.77
10	64QAM	25	0	19.81	19.93	19.87
10	64QAM	25	12	19.77	19.90	19.89
10	64QAM	25	25	19.89	19.85	19.87
10	64QAM	50	0	19.76	19.89	19.67
10	256QAM	1	0	17.92	17.84	17.73
10	256QAM	1	25	17.63	17.81	17.89
10	256QAM	1	49	17.75	17.59	17.57
10	256QAM	25	0	16.63	16.89	16.80
10	256QAM	25	12	16.67	16.86	16.82
10	256QAM	25	25	16.72	16.76	16.77
10	256QAM	50	0	16.74	16.79	16.68



LTE Band 25						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26065	26365	26665
Frequency (MHz)				1852.5	1882.5	1912.5
5	QPSK	1	0	22.84	22.92	22.85
5	QPSK	1	12	22.80	22.89	22.68
5	QPSK	1	24	22.74	22.78	22.84
5	QPSK	12	0	22.04	22.08	22.03
5	QPSK	12	7	21.88	22.03	21.97
5	QPSK	12	13	21.82	21.96	21.79
5	QPSK	25	0	21.88	21.77	21.83
5	16QAM	1	0	22.04	22.06	21.98
5	16QAM	1	12	21.90	22.03	22.08
5	16QAM	1	24	21.85	21.98	21.90
5	16QAM	12	0	20.87	21.05	21.10
5	16QAM	12	7	20.84	21.08	20.85
5	16QAM	12	13	20.91	20.99	20.86
5	16QAM	25	0	20.79	20.80	20.79
5	64QAM	1	0	20.93	21.05	20.96
5	64QAM	1	12	20.87	20.88	20.85
5	64QAM	1	24	20.83	20.75	20.72
5	64QAM	12	0	19.96	20.02	20.02
5	64QAM	12	7	19.85	19.81	19.91
5	64QAM	12	13	19.95	19.88	19.73
5	64QAM	25	0	19.67	19.71	19.88
5	256QAM	1	0	17.92	17.84	17.75
5	256QAM	1	12	17.74	17.79	17.86
5	256QAM	1	24	17.74	17.74	17.69
5	256QAM	12	0	16.66	16.95	16.79
5	256QAM	12	7	16.76	16.87	16.93
5	256QAM	12	13	16.67	16.73	16.73
5	256QAM	25	0	16.71	16.74	16.55



LTE Band 25						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26055	26365	26675
Frequency (MHz)				1851.5	1882.5	1913.5
3	QPSK	1	0	22.86	22.89	22.80
3	QPSK	1	8	22.77	22.87	22.71
3	QPSK	1	14	22.77	22.83	22.80
3	QPSK	8	0	21.84	21.90	21.95
3	QPSK	8	4	21.96	21.88	21.98
3	QPSK	8	7	21.80	21.93	21.69
3	QPSK	15	0	21.78	21.95	21.70
3	16QAM	1	0	21.98	22.06	21.97
3	16QAM	1	8	21.94	22.07	22.03
3	16QAM	1	14	21.83	21.93	21.89
3	16QAM	8	0	21.05	21.06	20.90
3	16QAM	8	4	20.73	20.85	21.02
3	16QAM	8	7	20.77	20.94	20.96
3	16QAM	15	0	20.83	20.81	20.84
3	64QAM	1	0	20.87	21.06	20.95
3	64QAM	1	8	20.83	20.91	20.93
3	64QAM	1	14	20.89	20.87	20.71
3	64QAM	8	0	19.86	19.99	19.98
3	64QAM	8	4	19.72	19.69	19.80
3	64QAM	8	7	19.85	19.89	19.76
3	64QAM	15	0	19.79	19.80	19.69
3	256QAM	1	0	17.94	18.02	17.62
3	256QAM	1	8	17.73	17.94	17.92
3	256QAM	1	14	17.84	17.73	17.71
3	256QAM	8	0	16.73	16.94	16.68
3	256QAM	8	4	16.74	16.79	16.86
3	256QAM	8	7	16.81	16.67	16.75
3	256QAM	15	0	16.71	16.91	16.63



LTE Band 25						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26047	26365	26683
Frequency (MHz)				1850.7	1882.5	1914.3
1.4	QPSK	1	0	22.82	22.87	22.84
1.4	QPSK	1	3	22.71	22.70	22.78
1.4	QPSK	1	5	22.70	22.65	22.76
1.4	QPSK	3	0	21.97	21.92	21.92
1.4	QPSK	3	1	21.84	22.02	22.00
1.4	QPSK	3	3	21.88	21.85	21.69
1.4	QPSK	6	0	21.87	21.95	21.80
1.4	16QAM	1	0	21.92	22.02	21.93
1.4	16QAM	1	3	21.96	21.94	21.94
1.4	16QAM	1	5	21.98	22.14	21.99
1.4	16QAM	3	0	21.04	21.05	20.94
1.4	16QAM	3	1	20.86	21.02	20.86
1.4	16QAM	3	3	20.70	20.91	20.97
1.4	16QAM	6	0	20.83	20.76	20.81
1.4	64QAM	1	0	20.88	20.97	20.93
1.4	64QAM	1	3	20.90	21.05	20.88
1.4	64QAM	1	5	20.88	20.86	20.81
1.4	64QAM	3	0	19.99	20.02	19.82
1.4	64QAM	3	1	19.76	19.91	20.04
1.4	64QAM	3	3	19.80	19.81	19.97
1.4	64QAM	6	0	19.78	19.79	19.89
1.4	256QAM	1	0	17.74	17.97	17.69
1.4	256QAM	1	3	17.62	17.84	17.96
1.4	256QAM	1	5	17.72	17.59	17.60
1.4	256QAM	3	0	16.58	16.72	16.76
1.4	256QAM	3	1	16.61	16.71	16.93
1.4	256QAM	3	3	16.73	16.80	16.71
1.4	256QAM	6	0	16.60	16.76	16.53



LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26865	26915	26965
Frequency (MHz)				831.5	836.5	841.5
15	QPSK	1	0	22.18	22.09	22.19
15	QPSK	1	37	22.28	22.21	22.26
15	QPSK	1	74	22.11	22.10	22.03
15	QPSK	36	0	21.59	21.46	21.53
15	QPSK	36	20	21.54	21.41	21.51
15	QPSK	36	39	21.56	21.32	21.48
15	QPSK	75	0	21.54	21.51	21.59
15	16QAM	1	0	21.30	21.18	21.27
15	16QAM	1	37	21.27	21.18	21.10
15	16QAM	1	74	20.99	21.13	20.98
15	16QAM	36	0	20.40	20.41	20.51
15	16QAM	36	20	20.47	20.40	20.46
15	16QAM	36	39	20.44	20.41	20.42
15	16QAM	75	0	20.52	20.37	20.64
15	64QAM	1	0	20.15	20.06	20.17
15	64QAM	1	37	20.19	20.03	20.24
15	64QAM	1	74	20.13	19.94	19.96
15	64QAM	36	0	19.61	19.48	19.42
15	64QAM	36	20	19.51	19.38	19.56
15	64QAM	36	39	19.49	19.45	19.47
15	64QAM	75	0	19.54	19.45	19.60
15	256QAM	1	0	17.57	17.44	17.32
15	256QAM	1	37	17.54	17.54	17.45
15	256QAM	1	74	17.51	17.42	17.45
15	256QAM	36	0	17.49	17.47	17.47
15	256QAM	36	20	17.46	17.44	17.46
15	256QAM	36	39	17.49	17.49	17.46
15	256QAM	75	0	17.52	17.49	17.56



LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26840	26915	26990
Frequency (MHz)				829.0	836.5	844.0
10	QPSK	1	0	22.39	22.31	22.37
10	QPSK	1	25	22.44	22.39	22.33
10	QPSK	1	49	22.38	22.31	22.30
10	QPSK	25	0	21.71	21.65	21.59
10	QPSK	25	12	21.74	21.65	21.61
10	QPSK	25	25	21.67	21.71	21.63
10	QPSK	50	0	21.80	21.62	21.68
10	16QAM	1	0	21.56	21.30	21.40
10	16QAM	1	25	21.41	21.34	21.45
10	16QAM	1	49	21.38	21.34	21.23
10	16QAM	25	0	20.73	20.55	20.58
10	16QAM	25	12	20.82	20.56	20.50
10	16QAM	25	25	20.74	20.62	20.69
10	16QAM	50	0	20.73	20.60	20.58
10	64QAM	1	0	20.32	20.28	20.17
10	64QAM	1	25	20.37	20.29	20.31
10	64QAM	1	49	20.22	20.24	20.24
10	64QAM	25	0	19.71	19.63	19.56
10	64QAM	25	12	19.78	19.57	19.54
10	64QAM	25	25	19.75	19.68	19.64
10	64QAM	50	0	19.74	19.61	19.63
10	256QAM	1	0	17.58	17.58	17.61
10	256QAM	1	25	17.75	17.78	17.71
10	256QAM	1	49	17.70	17.57	17.48
10	256QAM	25	0	17.68	17.63	17.60
10	256QAM	25	12	17.80	17.63	17.60
10	256QAM	25	25	17.68	17.67	17.65
10	256QAM	50	0	17.70	17.62	17.58



LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26815	26915	27015
Frequency (MHz)				826.5	836.5	846.5
5	QPSK	1	0	22.34	22.37	22.31
5	QPSK	1	12	22.37	22.40	22.31
5	QPSK	1	24	22.23	22.30	22.20
5	QPSK	12	0	21.66	21.64	21.57
5	QPSK	12	7	21.80	21.55	21.59
5	QPSK	12	13	21.74	21.70	21.60
5	QPSK	25	0	21.73	21.52	21.41
5	16QAM	1	0	21.43	21.37	21.28
5	16QAM	1	12	21.49	21.39	21.38
5	16QAM	1	24	21.33	21.46	21.32
5	16QAM	12	0	20.66	20.47	20.45
5	16QAM	12	7	20.78	20.54	20.50
5	16QAM	12	13	20.78	20.64	20.47
5	16QAM	25	0	20.76	20.45	20.49
5	64QAM	1	0	20.38	20.26	20.34
5	64QAM	1	12	20.34	20.26	20.31
5	64QAM	1	24	20.30	20.26	20.26
5	64QAM	12	0	19.66	19.55	19.54
5	64QAM	12	7	19.80	19.55	19.52
5	64QAM	12	13	19.76	19.73	19.56
5	64QAM	25	0	19.71	19.42	19.51
5	256QAM	1	0	17.58	17.54	17.51
5	256QAM	1	12	17.76	17.63	17.54
5	256QAM	1	24	17.59	17.51	17.50
5	256QAM	12	0	17.58	17.59	17.56
5	256QAM	12	7	17.65	17.59	17.55
5	256QAM	12	13	17.71	17.65	17.53
5	256QAM	25	0	17.65	17.57	17.56



LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26805	26915	27025
Frequency (MHz)				825.5	836.5	847.5
3	QPSK	1	0	22.35	22.32	22.24
3	QPSK	1	8	22.41	22.40	22.32
3	QPSK	1	14	22.23	22.29	22.29
3	QPSK	8	0	21.70	21.47	21.47
3	QPSK	8	4	21.73	21.48	21.67
3	QPSK	8	7	21.73	21.63	21.49
3	QPSK	15	0	21.71	21.53	21.42
3	16QAM	1	0	21.22	21.27	21.48
3	16QAM	1	8	21.33	21.32	21.37
3	16QAM	1	14	21.44	21.35	21.25
3	16QAM	8	0	20.68	20.58	20.44
3	16QAM	8	4	20.68	20.51	20.54
3	16QAM	8	7	20.70	20.45	20.56
3	16QAM	15	0	20.68	20.56	20.43
3	64QAM	1	0	20.37	20.25	20.20
3	64QAM	1	8	20.37	20.18	20.30
3	64QAM	1	14	20.26	20.12	20.11
3	64QAM	8	0	19.77	19.52	19.54
3	64QAM	8	4	19.68	19.54	19.63
3	64QAM	8	7	19.75	19.67	19.53
3	64QAM	15	0	19.73	19.54	19.47
3	256QAM	1	0	17.56	17.37	17.51
3	256QAM	1	8	17.61	17.61	17.61
3	256QAM	1	14	17.59	17.55	17.47
3	256QAM	8	0	17.78	17.52	17.45
3	256QAM	8	4	17.74	17.58	17.62
3	256QAM	8	7	17.72	17.68	17.53
3	256QAM	15	0	17.71	17.53	17.48



LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26797	26915	27033
Frequency (MHz)				824.7	836.5	848.3
1.4	QPSK	1	0	22.29	22.30	22.22
1.4	QPSK	1	3	22.36	22.33	22.22
1.4	QPSK	1	5	22.29	22.26	22.19
1.4	QPSK	3	0	22.27	22.30	22.24
1.4	QPSK	3	1	22.33	22.30	22.26
1.4	QPSK	3	3	22.32	22.32	22.21
1.4	QPSK	6	0	21.37	21.58	21.46
1.4	16QAM	1	0	21.36	21.32	21.22
1.4	16QAM	1	3	21.42	21.16	21.32
1.4	16QAM	1	5	21.46	21.18	21.19
1.4	16QAM	3	0	21.28	21.29	21.18
1.4	16QAM	3	1	21.21	21.23	21.18
1.4	16QAM	3	3	21.26	21.28	21.18
1.4	16QAM	6	0	20.48	20.43	20.59
1.4	64QAM	1	0	21.15	20.37	20.02
1.4	64QAM	1	3	21.26	20.30	20.23
1.4	64QAM	1	5	21.12	20.18	20.28
1.4	64QAM	3	0	21.23	20.28	20.16
1.4	64QAM	3	1	21.23	20.23	20.20
1.4	64QAM	3	3	21.19	20.14	20.27
1.4	64QAM	6	0	20.52	19.44	19.58
1.4	256QAM	1	0	17.60	17.52	17.44
1.4	256QAM	1	3	17.65	17.48	17.53
1.4	256QAM	1	5	17.54	17.51	17.48
1.4	256QAM	3	0	17.70	17.51	17.56
1.4	256QAM	3	1	17.71	17.56	17.49
1.4	256QAM	3	3	17.68	17.56	17.60
1.4	256QAM	6	0	17.54	17.51	17.56



LTE Band 30						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				/	27710	/
Frequency (MHz)				/	2310	/
10	QPSK	1	0	/	22.73	/
10	QPSK	1	25	/	22.72	/
10	QPSK	1	49	/	22.55	/
10	QPSK	25	0	/	21.86	/
10	QPSK	25	12	/	21.71	/
10	QPSK	25	25	/	21.76	/
10	QPSK	50	0	/	21.72	/
10	16QAM	1	0	/	22.01	/
10	16QAM	1	25	/	21.85	/
10	16QAM	1	49	/	21.87	/
10	16QAM	25	0	/	20.81	/
10	16QAM	25	12	/	20.85	/
10	16QAM	25	25	/	20.74	/
10	16QAM	50	0	/	20.78	/
10	64QAM	1	0	/	20.88	/
10	64QAM	1	25	/	20.67	/
10	64QAM	1	49	/	20.67	/
10	64QAM	25	0	/	19.86	/
10	64QAM	25	12	/	19.65	/
10	64QAM	25	25	/	19.77	/
10	64QAM	50	0	/	19.59	/
10	256QAM	1	0	/	17.73	/
10	256QAM	1	25	/	17.50	/
10	256QAM	1	49	/	17.29	/
10	256QAM	25	0	/	16.73	/
10	256QAM	25	12	/	16.48	/
10	256QAM	25	25	/	16.52	/
10	256QAM	50	0	/	16.58	/



LTE Band 30						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				27685	27710	27735
Frequency (MHz)				2307.5	2310	2312.5
5	QPSK	1	0	22.56	22.70	22.62
5	QPSK	1	12	22.63	22.64	22.59
5	QPSK	1	24	22.62	22.58	22.63
5	QPSK	12	0	21.78	21.85	21.85
5	QPSK	12	7	21.66	21.86	21.76
5	QPSK	12	13	21.57	21.83	21.60
5	QPSK	25	0	21.60	21.65	21.54
5	16QAM	1	0	21.79	21.89	21.90
5	16QAM	1	12	21.84	21.76	21.84
5	16QAM	1	24	21.76	21.83	21.74
5	16QAM	12	0	20.66	20.72	20.84
5	16QAM	12	7	20.57	20.75	20.74
5	16QAM	12	13	20.52	20.71	20.78
5	16QAM	25	0	20.66	20.69	20.67
5	64QAM	1	0	20.88	20.91	20.81
5	64QAM	1	12	20.78	20.76	20.64
5	64QAM	1	24	20.57	20.58	20.71
5	64QAM	12	0	19.58	19.80	19.72
5	64QAM	12	7	19.72	19.70	19.81
5	64QAM	12	13	19.52	19.78	19.66
5	64QAM	25	0	19.65	19.62	19.70
5	256QAM	1	0	17.58	17.71	17.36
5	256QAM	1	12	17.34	17.55	17.53
5	256QAM	1	24	17.43	17.37	17.39
5	256QAM	12	0	16.34	16.63	16.48
5	256QAM	12	7	16.44	16.54	16.55
5	256QAM	12	13	16.57	16.38	16.34
5	256QAM	25	0	16.39	16.55	16.32



LTE Band 38						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				37850	38000	38150
Frequency (MHz)				2580	2595	2610
20	QPSK	1	0	22.67	22.84	22.64
20	QPSK	1	49	22.74	22.69	22.61
20	QPSK	1	99	22.61	22.64	22.57
20	QPSK	50	0	21.81	21.88	21.79
20	QPSK	50	24	21.73	21.84	21.77
20	QPSK	50	50	21.82	21.81	21.61
20	QPSK	100	0	21.78	21.79	21.79
20	16QAM	1	0	21.86	22.00	22.01
20	16QAM	1	49	21.92	22.07	22.00
20	16QAM	1	99	21.89	21.99	21.85
20	16QAM	50	0	20.86	20.90	20.85
20	16QAM	50	24	20.65	20.94	20.75
20	16QAM	50	50	20.76	20.84	20.73
20	16QAM	100	0	20.72	20.80	20.90
20	64QAM	1	0	20.86	20.89	20.81
20	64QAM	1	49	20.74	20.87	20.84
20	64QAM	1	99	20.84	20.77	20.63
20	64QAM	50	0	19.81	19.97	19.82
20	64QAM	50	24	19.73	19.78	19.84
20	64QAM	50	50	19.85	19.83	19.66
20	64QAM	100	0	19.78	19.82	19.58
20	256QAM	1	0	17.79	17.85	17.62
20	256QAM	1	49	17.71	17.86	17.78
20	256QAM	1	99	17.86	17.70	17.59
20	256QAM	50	0	16.76	17.00	16.68
20	256QAM	50	24	16.75	16.76	16.92
20	256QAM	50	50	16.83	16.75	16.59
20	256QAM	100	0	16.79	16.85	16.75



LTE Band 38						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				37825	38000	38175
Frequency (MHz)				2577.5	2595	2612.5
15	QPSK	1	0	22.72	22.81	22.77
15	QPSK	1	37	22.60	22.68	22.59
15	QPSK	1	74	22.61	22.78	22.59
15	QPSK	36	0	21.81	21.88	21.90
15	QPSK	36	20	21.79	21.77	21.80
15	QPSK	36	39	21.67	21.84	21.69
15	QPSK	75	0	21.86	21.70	21.79
15	16QAM	1	0	21.99	21.94	21.95
15	16QAM	1	37	21.86	22.04	21.84
15	16QAM	1	74	21.75	21.88	21.81
15	16QAM	36	0	20.80	20.87	20.77
15	16QAM	36	20	20.74	20.86	20.81
15	16QAM	36	39	20.65	20.86	20.82
15	16QAM	75	0	20.79	20.90	20.90
15	64QAM	1	0	20.84	20.96	20.88
15	64QAM	1	37	20.91	20.94	20.69
15	64QAM	1	74	20.77	20.72	20.73
15	64QAM	36	0	19.77	19.95	19.87
15	64QAM	36	20	19.78	19.83	19.73
15	64QAM	36	39	19.74	19.79	19.84
15	64QAM	75	0	19.70	19.64	19.75
15	256QAM	1	0	17.82	17.99	17.61
15	256QAM	1	37	17.70	17.79	17.80
15	256QAM	1	74	17.78	17.70	17.59
15	256QAM	36	0	16.68	16.81	16.82
15	256QAM	36	20	16.67	16.69	16.92
15	256QAM	36	39	16.70	16.72	16.64
15	256QAM	75	0	16.70	16.89	16.69



LTE Band 38						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				37800	38000	38200
Frequency (MHz)				2575	2595	2615
10	QPSK	1	0	22.71	22.79	22.77
10	QPSK	1	25	22.61	22.76	22.78
10	QPSK	1	49	22.81	22.72	22.57
10	QPSK	25	0	21.95	21.86	21.97
10	QPSK	25	12	21.67	21.82	21.77
10	QPSK	25	25	21.72	21.84	21.80
10	QPSK	50	0	21.78	21.74	21.70
10	16QAM	1	0	21.89	22.03	21.89
10	16QAM	1	25	21.81	21.91	21.85
10	16QAM	1	49	21.83	21.91	21.82
10	16QAM	25	0	20.74	20.88	20.85
10	16QAM	25	12	20.70	20.83	20.92
10	16QAM	25	25	20.63	20.72	20.75
10	16QAM	50	0	20.85	20.72	20.71
10	64QAM	1	0	20.85	20.89	20.72
10	64QAM	1	25	20.90	20.76	20.87
10	64QAM	1	49	20.85	20.69	20.77
10	64QAM	25	0	19.81	19.91	19.93
10	64QAM	25	12	19.59	19.68	19.74
10	64QAM	25	25	19.66	19.83	19.76
10	64QAM	50	0	19.55	19.73	19.66
10	256QAM	1	0	17.82	17.90	17.69
10	256QAM	1	25	17.74	17.77	17.82
10	256QAM	1	49	17.69	17.69	17.74
10	256QAM	25	0	16.78	16.87	16.67
10	256QAM	25	12	16.64	16.87	16.81
10	256QAM	25	25	16.69	16.78	16.77
10	256QAM	50	0	16.66	16.79	16.71



LTE Band 38						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				37775	38000	38225
Frequency (MHz)				2572.5	2595	2617.5
5	QPSK	1	0	22.72	22.78	22.73
5	QPSK	1	12	22.70	22.78	22.65
5	QPSK	1	24	22.72	22.67	22.58
5	QPSK	12	0	22.00	21.81	21.94
5	QPSK	12	7	21.77	21.77	21.85
5	QPSK	12	13	21.74	21.86	21.70
5	QPSK	25	0	21.85	21.82	21.73
5	16QAM	1	0	22.06	21.94	22.07
5	16QAM	1	12	21.99	21.97	21.99
5	16QAM	1	24	21.85	21.95	21.89
5	16QAM	12	0	20.95	20.92	20.79
5	16QAM	12	7	20.64	20.82	20.85
5	16QAM	12	13	20.66	20.87	20.68
5	16QAM	25	0	20.73	20.78	20.76
5	64QAM	1	0	20.85	20.93	20.94
5	64QAM	1	12	20.80	20.96	20.73
5	64QAM	1	24	20.80	20.76	20.82
5	64QAM	12	0	19.86	19.89	19.93
5	64QAM	12	7	19.70	19.70	19.81
5	64QAM	12	13	19.69	19.77	19.66
5	64QAM	25	0	19.66	19.73	19.70
5	256QAM	1	0	17.84	17.83	17.65
5	256QAM	1	12	17.71	17.84	17.87
5	256QAM	1	24	17.82	17.61	17.60
5	256QAM	12	0	16.74	16.86	16.74
5	256QAM	12	7	16.74	16.81	16.77
5	256QAM	12	13	16.73	16.72	16.70
5	256QAM	25	0	16.66	16.86	16.68



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	25.69	25.77	25.39
20	QPSK	1	49	25.61	25.74	25.40
20	QPSK	1	99	25.70	25.57	25.38
20	QPSK	50	0	24.80	24.83	24.42
20	QPSK	50	24	24.74	24.69	24.51
20	QPSK	50	50	24.65	24.75	24.36
20	QPSK	100	0	24.74	24.65	24.41
20	16QAM	1	0	24.86	24.95	24.59
20	16QAM	1	49	24.76	24.85	24.62
20	16QAM	1	99	24.83	24.88	24.50
20	16QAM	50	0	23.70	23.71	23.46
20	16QAM	50	24	23.62	23.61	23.30
20	16QAM	50	50	23.55	23.60	23.22
20	16QAM	100	0	23.66	23.52	23.29
20	64QAM	1	0	23.82	23.90	23.44
20	64QAM	1	49	23.74	23.80	23.42
20	64QAM	1	99	23.72	23.64	23.43
20	64QAM	50	0	22.71	22.70	22.28
20	64QAM	50	24	22.48	22.62	22.27
20	64QAM	50	50	22.51	22.64	22.38
20	64QAM	100	0	22.52	22.66	22.22
20	256QAM	1	0	20.92	21.08	20.92
20	256QAM	1	49	20.68	20.81	21.04
20	256QAM	1	99	20.82	20.79	20.71
20	256QAM	50	0	19.63	19.87	19.88
20	256QAM	50	24	19.75	19.89	20.00
20	256QAM	50	50	19.73	19.74	19.81
20	256QAM	100	0	19.64	19.82	19.70



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	25.64	25.74	25.37
15	QPSK	1	37	25.65	25.62	25.37
15	QPSK	1	74	25.61	25.64	25.34
15	QPSK	36	0	24.84	24.88	24.57
15	QPSK	36	20	24.79	24.79	24.45
15	QPSK	36	39	24.61	24.82	24.39
15	QPSK	75	0	24.70	24.66	24.29
15	16QAM	1	0	24.74	24.89	24.69
15	16QAM	1	37	24.86	24.80	24.44
15	16QAM	1	74	24.84	24.76	24.50
15	16QAM	36	0	23.73	23.85	23.37
15	16QAM	36	20	23.69	23.61	23.43
15	16QAM	36	39	23.52	23.63	23.41
15	16QAM	75	0	23.49	23.56	23.36
15	64QAM	1	0	23.67	23.77	23.41
15	64QAM	1	37	23.62	23.75	23.46
15	64QAM	1	74	23.73	23.59	23.40
15	64QAM	36	0	22.67	22.71	22.25
15	64QAM	36	20	22.45	22.61	22.34
15	64QAM	36	39	22.67	22.53	22.23
15	64QAM	75	0	22.47	22.63	22.21
15	256QAM	1	0	20.98	20.94	20.78
15	256QAM	1	37	20.69	20.91	20.98
15	256QAM	1	74	20.74	20.64	20.75
15	256QAM	36	0	19.62	19.93	19.97
15	256QAM	36	20	19.79	19.81	20.09
15	256QAM	36	39	19.73	19.73	19.67
15	256QAM	75	0	19.72	19.94	19.61



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	25.70	25.73	25.46
10	QPSK	1	25	25.69	25.71	25.35
10	QPSK	1	49	25.60	25.61	25.28
10	QPSK	25	0	24.84	24.77	24.41
10	QPSK	25	12	24.72	24.77	24.48
10	QPSK	25	25	24.57	24.68	24.39
10	QPSK	50	0	24.58	24.62	24.39
10	16QAM	1	0	24.89	24.88	24.64
10	16QAM	1	25	24.76	24.84	24.60
10	16QAM	1	49	24.81	24.78	24.46
10	16QAM	25	0	23.73	23.76	23.50
10	16QAM	25	12	23.49	23.70	23.27
10	16QAM	25	25	23.46	23.64	23.37
10	16QAM	50	0	23.54	23.59	23.27
10	64QAM	1	0	23.82	23.76	23.38
10	64QAM	1	25	23.76	23.85	23.44
10	64QAM	1	49	23.55	23.68	23.37
10	64QAM	25	0	22.67	22.65	22.30
10	64QAM	25	12	22.44	22.59	22.31
10	64QAM	25	25	22.63	22.59	22.35
10	64QAM	50	0	22.57	22.54	22.27
10	256QAM	1	0	20.96	20.98	20.79
10	256QAM	1	25	20.65	20.96	20.91
10	256QAM	1	49	20.74	20.67	20.68
10	256QAM	25	0	19.79	19.89	19.87
10	256QAM	25	12	19.76	19.90	19.94
10	256QAM	25	25	19.85	19.77	19.70
10	256QAM	50	0	19.71	19.90	19.77



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	25.68	25.70	25.44
5	QPSK	1	12	25.60	25.67	25.36
5	QPSK	1	24	25.59	25.63	25.36
5	QPSK	12	0	24.83	24.84	24.56
5	QPSK	12	7	24.61	24.73	24.36
5	QPSK	12	13	24.70	24.82	24.39
5	QPSK	25	0	24.61	24.65	24.43
5	16QAM	1	0	24.84	24.92	24.55
5	16QAM	1	12	24.90	24.86	24.43
5	16QAM	1	24	24.86	24.83	24.59
5	16QAM	12	0	23.56	23.66	23.36
5	16QAM	12	7	23.49	23.75	23.28
5	16QAM	12	13	23.45	23.64	23.34
5	16QAM	25	0	23.59	23.69	23.32
5	64QAM	1	0	23.73	23.84	23.40
5	64QAM	1	12	23.66	23.83	23.39
5	64QAM	1	24	23.70	23.74	23.37
5	64QAM	12	0	22.60	22.65	22.31
5	64QAM	12	7	22.48	22.51	22.45
5	64QAM	12	13	22.66	22.67	22.22
5	64QAM	25	0	22.50	22.67	22.33
5	256QAM	1	0	20.81	21.08	20.86
5	256QAM	1	12	20.64	20.88	20.91
5	256QAM	1	24	20.80	20.61	20.83
5	256QAM	12	0	19.65	19.94	19.96
5	256QAM	12	7	19.68	19.83	20.08
5	256QAM	12	13	19.74	19.67	19.62
5	256QAM	25	0	19.75	19.91	19.73



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				39750	40620	41490
Frequency (MHz)				2506	2593	2680
20	QPSK	1	0	22.86	22.90	22.81
20	QPSK	1	49	22.71	22.83	22.81
20	QPSK	1	99	22.74	22.87	22.71
20	QPSK	50	0	21.93	21.94	21.88
20	QPSK	50	24	21.74	21.94	21.79
20	QPSK	50	50	21.87	21.90	21.86
20	QPSK	100	0	21.79	21.87	21.68
20	16QAM	1	0	21.85	22.02	21.98
20	16QAM	1	49	21.96	21.87	21.84
20	16QAM	1	99	21.81	21.92	22.00
20	16QAM	50	0	20.86	21.00	20.96
20	16QAM	50	24	20.71	20.88	20.91
20	16QAM	50	50	20.85	20.92	20.83
20	16QAM	100	0	20.91	20.74	20.76
20	64QAM	1	0	20.96	21.04	20.96
20	64QAM	1	49	20.90	20.89	20.91
20	64QAM	1	99	20.75	20.72	20.82
20	64QAM	50	0	19.75	20.01	19.89
20	64QAM	50	24	19.67	19.87	19.89
20	64QAM	50	50	19.88	19.78	19.84
20	64QAM	100	0	19.67	19.77	19.66
20	256QAM	1	0	17.65	17.87	17.70
20	256QAM	1	49	17.61	17.77	17.66
20	256QAM	1	99	17.69	17.65	17.59
20	256QAM	50	0	16.59	16.94	16.69
20	256QAM	50	24	16.70	16.72	16.77
20	256QAM	50	50	16.69	16.81	16.60
20	256QAM	100	0	16.68	16.81	16.59



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	22.82	22.87	22.77
15	QPSK	1	37	22.77	22.85	22.78
15	QPSK	1	74	22.79	22.76	22.71
15	QPSK	36	0	22.05	21.97	21.85
15	QPSK	36	20	21.84	21.78	21.92
15	QPSK	36	39	21.86	21.79	21.72
15	QPSK	75	0	21.90	21.89	21.70
15	16QAM	1	0	22.14	21.97	21.93
15	16QAM	1	37	21.96	22.11	22.07
15	16QAM	1	74	21.90	22.13	22.01
15	16QAM	36	0	20.99	20.90	20.83
15	16QAM	36	20	20.90	21.01	20.86
15	16QAM	36	39	20.85	21.01	20.78
15	16QAM	75	0	20.81	20.72	20.95
15	64QAM	1	0	20.85	21.05	20.92
15	64QAM	1	37	20.88	20.95	20.87
15	64QAM	1	74	20.84	20.90	20.72
15	64QAM	36	0	19.74	20.05	19.96
15	64QAM	36	20	19.76	19.77	20.01
15	64QAM	36	39	19.74	19.82	19.76
15	64QAM	75	0	19.69	19.93	19.88
15	256QAM	1	0	17.69	18.02	17.82
15	256QAM	1	37	17.70	17.83	17.77
15	256QAM	1	74	17.71	17.67	17.64
15	256QAM	36	0	16.66	16.81	16.79
15	256QAM	36	20	16.80	16.71	16.80
15	256QAM	36	39	16.70	16.69	16.69
15	256QAM	75	0	16.65	16.85	16.71



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	22.83	22.86	22.82
10	QPSK	1	25	22.76	22.74	22.74
10	QPSK	1	49	22.74	22.67	22.83
10	QPSK	25	0	21.86	22.01	22.00
10	QPSK	25	12	21.72	21.99	21.86
10	QPSK	25	25	21.76	21.93	21.79
10	QPSK	50	0	21.83	21.74	21.91
10	16QAM	1	0	22.05	22.05	21.99
10	16QAM	1	25	22.06	22.01	21.89
10	16QAM	1	49	21.80	22.02	21.99
10	16QAM	25	0	21.01	20.98	20.97
10	16QAM	25	12	20.73	20.86	20.98
10	16QAM	25	25	20.68	20.97	20.80
10	16QAM	50	0	20.92	20.90	20.86
10	64QAM	1	0	20.83	21.04	20.88
10	64QAM	1	25	20.89	20.97	20.75
10	64QAM	1	49	20.82	20.72	20.69
10	64QAM	25	0	19.95	19.80	19.87
10	64QAM	25	12	19.78	19.81	19.94
10	64QAM	25	25	19.84	19.74	19.80
10	64QAM	50	0	19.64	19.79	19.76
10	256QAM	1	0	17.77	17.99	17.69
10	256QAM	1	25	17.60	17.74	17.74
10	256QAM	1	49	17.71	17.69	17.70
10	256QAM	25	0	16.69	16.98	16.70
10	256QAM	25	12	16.70	16.89	16.76
10	256QAM	25	25	16.65	16.64	16.68
10	256QAM	50	0	16.71	16.75	16.70



LTE Band 41 (Power Class 3)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39675	40620	41565
Frequency (MHz)				2498.5	2593	2687.5
5	QPSK	1	0	22.72	22.85	22.79
5	QPSK	1	12	22.75	22.78	22.72
5	QPSK	1	24	22.78	22.82	22.84
5	QPSK	12	0	21.91	21.90	21.80
5	QPSK	12	7	21.85	21.79	21.81
5	QPSK	12	13	21.71	21.84	21.67
5	QPSK	25	0	21.71	21.93	21.67
5	16QAM	1	0	22.14	22.00	21.95
5	16QAM	1	12	21.96	22.08	22.03
5	16QAM	1	24	21.97	22.00	21.92
5	16QAM	12	0	20.89	21.08	20.98
5	16QAM	12	7	20.81	20.88	20.95
5	16QAM	12	13	20.69	20.81	20.86
5	16QAM	25	0	20.97	21.02	21.00
5	64QAM	1	0	20.88	21.07	20.78
5	64QAM	1	12	20.79	20.89	20.73
5	64QAM	1	24	20.78	20.74	20.66
5	64QAM	12	0	19.96	20.01	19.80
5	64QAM	12	7	19.70	19.84	19.93
5	64QAM	12	13	19.78	19.86	19.83
5	64QAM	25	0	19.60	19.74	19.76
5	256QAM	1	0	17.69	17.93	17.70
5	256QAM	1	12	17.70	17.90	17.63
5	256QAM	1	24	17.71	17.73	17.59
5	256QAM	12	0	16.71	16.99	16.68
5	256QAM	12	7	16.69	16.86	16.70
5	256QAM	12	13	16.65	16.78	16.72
5	256QAM	25	0	16.70	16.94	16.69



LTE Band 42						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				42190	42590	42990
Frequency (MHz)				3460	3500	3540
20	QPSK	1	0	22.25	22.33	22.27
20	QPSK	1	49	21.72	21.89	21.70
20	QPSK	1	99	21.82	21.86	21.81
20	QPSK	50	0	21.32	21.43	21.32
20	QPSK	50	24	20.90	20.95	20.85
20	QPSK	50	50	20.79	20.98	20.68
20	QPSK	100	0	20.93	20.82	20.91
20	16QAM	1	0	21.13	21.18	21.03
20	16QAM	1	49	21.06	21.13	21.00
20	16QAM	1	99	20.97	21.22	21.00
20	16QAM	50	0	20.04	20.06	20.05
20	16QAM	50	24	19.78	20.00	19.87
20	16QAM	50	50	19.92	20.06	19.86
20	16QAM	100	0	19.81	19.92	19.79
20	64QAM	1	0	19.96	20.03	19.81
20	64QAM	1	49	19.85	19.83	19.96
20	64QAM	1	99	19.92	19.88	19.78
20	64QAM	50	0	18.85	19.06	18.83
20	64QAM	50	24	18.86	18.96	18.95
20	64QAM	50	50	18.98	18.81	18.86
20	64QAM	100	0	19.01	19.13	18.82
20	256QAM	1	0	16.54	16.72	16.59
20	256QAM	1	49	16.52	16.61	16.51
20	256QAM	1	99	26.50	16.48	16.41
20	256QAM	50	0	15.59	15.51	15.47
20	256QAM	50	24	15.48	15.43	15.53
20	256QAM	50	50	15.46	15.46	15.41
20	256QAM	100	0	15.50	15.54	15.42



LTE Band 42						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				42165	42590	43015
Frequency (MHz)				3457.5	3500	3542.5
15	QPSK	1	0	21.86	21.90	21.86
15	QPSK	1	37	21.84	21.87	21.65
15	QPSK	1	74	21.74	21.77	21.66
15	QPSK	36	0	20.98	21.04	20.82
15	QPSK	36	20	20.89	21.03	20.83
15	QPSK	36	39	20.86	20.96	20.77
15	QPSK	75	0	20.88	20.95	20.96
15	16QAM	1	0	20.95	21.12	20.96
15	16QAM	1	37	21.17	21.14	21.11
15	16QAM	1	74	20.98	21.19	21.06
15	16QAM	36	0	20.05	20.01	19.97
15	16QAM	36	20	19.75	19.90	19.95
15	16QAM	36	39	19.91	20.01	19.88
15	16QAM	75	0	19.92	19.93	19.84
20	64QAM	1	0	19.94	20.03	19.74
20	64QAM	1	37	19.94	19.95	19.86
20	64QAM	1	74	20.14	19.95	19.85
20	64QAM	36	0	18.79	19.12	18.79
20	64QAM	36	20	18.96	18.91	18.94
20	64QAM	36	39	19.01	18.89	18.77
20	64QAM	75	0	18.84	19.13	18.81
20	256QAM	1	0	16.58	16.63	16.61
20	256QAM	1	37	16.47	16.61	16.58
20	256QAM	1	74	16.50	16.27	16.40
20	256QAM	36	0	15.39	15.66	15.42
20	256QAM	36	20	15.59	15.58	15.61
20	256QAM	36	39	15.44	15.47	15.52
20	256QAM	75	0	15.51	15.61	15.53



LTE Band 42						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				42140	42590	43040
Frequency (MHz)				3455	3500	3545
10	QPSK	1	0	21.84	21.89	21.82
10	QPSK	1	25	21.87	21.81	21.82
10	QPSK	1	49	21.69	21.87	21.73
10	QPSK	25	0	21.05	21.04	20.95
10	QPSK	25	12	20.85	21.03	20.97
10	QPSK	25	25	20.86	21.05	20.73
10	QPSK	50	0	20.82	20.93	20.94
10	16QAM	1	0	21.03	21.05	21.08
10	16QAM	1	25	21.08	21.21	21.14
10	16QAM	1	49	21.02	21.24	21.05
10	16QAM	25	0	20.02	20.01	20.09
10	16QAM	25	12	19.86	20.08	20.05
10	16QAM	25	25	19.94	19.91	19.82
10	16QAM	50	0	19.91	19.77	19.93
10	64QAM	1	0	19.94	20.15	19.88
10	64QAM	1	25	19.86	19.91	19.89
10	64QAM	1	49	20.12	19.85	19.87
10	64QAM	25	0	18.83	19.11	18.86
10	64QAM	25	12	18.97	18.86	18.95
10	64QAM	25	25	18.90	18.85	18.82
10	64QAM	50	0	19.02	19.00	18.77
10	256QAM	1	0	16.54	16.67	16.49
10	256QAM	1	25	16.45	16.50	16.50
10	256QAM	1	49	16.51	16.42	16.41
10	256QAM	25	0	15.57	15.60	15.56
10	256QAM	25	12	15.48	15.40	15.58
10	256QAM	25	25	15.52	15.52	15.53
10	256QAM	50	0	15.44	15.55	15.49



LTE Band 42						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				42115	42590	43065
Frequency (MHz)				3452.5	3500	3547.5
5	QPSK	1	0	21.81	21.87	21.82
5	QPSK	1	12	21.77	21.84	21.79
5	QPSK	1	24	21.81	21.85	21.77
5	QPSK	12	0	20.97	20.91	20.96
5	QPSK	12	7	20.95	20.95	20.84
5	QPSK	12	13	20.76	20.93	20.74
5	QPSK	25	0	20.76	20.81	20.80
5	16QAM	1	0	21.13	21.10	21.09
5	16QAM	1	12	21.05	21.17	21.07
5	16QAM	1	24	20.99	21.09	20.99
5	16QAM	12	0	20.05	20.03	20.00
5	16QAM	12	7	19.87	20.02	19.87
5	16QAM	12	13	19.88	20.03	19.86
5	16QAM	25	0	19.78	19.87	19.86
5	64QAM	1	0	19.93	20.17	19.86
5	64QAM	1	12	19.92	19.92	19.96
5	64QAM	1	24	20.00	19.82	19.84
5	64QAM	12	0	18.95	19.07	18.94
5	64QAM	12	7	18.87	18.80	18.88
5	64QAM	12	13	18.95	18.96	18.84
5	64QAM	25	0	18.86	18.99	18.83
5	256QAM	1	0	16.59	16.59	16.53
5	256QAM	1	12	16.43	16.45	16.57
5	256QAM	1	24	16.51	16.30	16.42
5	256QAM	12	0	15.52	15.56	15.55
5	256QAM	12	7	15.47	15.52	15.60
5	256QAM	12	13	15.49	15.44	15.54
5	256QAM	25	0	15.45	15.60	15.56



LTE Band 43						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				44690	45090	45490
Frequency (MHz)				3710	3750	3790
20	QPSK	1	0	21.89	21.95	21.83
20	QPSK	1	49	21.66	21.92	21.63
20	QPSK	1	99	21.57	21.65	21.75
20	QPSK	50	0	20.96	20.99	20.80
20	QPSK	50	24	20.71	20.75	20.71
20	QPSK	50	50	20.88	20.82	20.82
20	QPSK	100	0	20.80	20.86	20.77
20	16QAM	1	0	20.98	20.99	21.02
20	16QAM	1	49	21.09	21.09	21.04
20	16QAM	1	99	20.93	20.98	21.00
20	16QAM	50	0	20.03	19.98	19.87
20	16QAM	50	24	19.77	19.93	19.78
20	16QAM	50	50	19.76	19.79	19.70
20	16QAM	100	0	19.74	19.79	20.02
20	64QAM	1	0	20.03	20.10	19.83
20	64QAM	1	49	19.72	19.89	19.93
20	64QAM	1	99	19.80	19.74	19.77
20	64QAM	50	0	18.68	19.01	18.84
20	64QAM	50	24	18.82	18.94	19.06
20	64QAM	50	50	18.93	18.84	18.71
20	64QAM	100	0	18.78	18.94	18.72
20	256QAM	1	0	16.74	16.89	16.66
20	256QAM	1	49	16.58	16.67	16.81
20	256QAM	1	99	16.70	16.60	16.53
20	256QAM	50	0	15.56	15.71	15.60
20	256QAM	50	24	15.64	15.63	15.84
20	256QAM	50	50	15.67	15.61	15.47
20	256QAM	100	0	15.47	15.72	15.45



LTE Band 43						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				44665	45090	45515
Frequency (MHz)				3707.5	3750	3792.5
15	QPSK	1	0	21.86	21.91	21.78
15	QPSK	1	37	21.70	21.75	21.68
15	QPSK	1	74	21.63	21.65	21.69
15	QPSK	36	0	21.00	20.99	20.68
15	QPSK	36	20	20.73	20.87	20.66
15	QPSK	36	39	20.75	21.02	20.81
15	QPSK	75	0	20.63	20.76	20.78
15	16QAM	1	0	21.02	21.10	21.08
15	16QAM	1	37	20.94	20.96	21.17
15	16QAM	1	74	20.82	21.01	20.94
15	16QAM	36	0	19.87	20.08	19.94
15	16QAM	36	20	19.66	19.87	19.82
15	16QAM	36	39	19.79	19.83	19.70
15	16QAM	75	0	19.72	19.87	19.88
15	64QAM	1	0	20.02	19.96	19.80
15	64QAM	1	37	19.76	19.94	19.89
15	64QAM	1	74	19.96	19.74	19.70
15	64QAM	36	0	18.72	18.96	18.78
15	64QAM	36	20	18.76	18.84	19.04
15	64QAM	36	39	18.83	18.83	18.60
15	64QAM	75	0	18.69	19.02	18.71
15	256QAM	1	0	16.68	16.83	16.66
15	256QAM	1	37	16.65	16.77	16.86
15	256QAM	1	74	16.68	16.57	16.53
15	256QAM	36	0	15.51	15.89	15.65
15	256QAM	36	20	15.60	15.61	15.70
15	256QAM	36	39	15.75	15.68	15.48
15	256QAM	75	0	15.60	15.73	15.48



LTE Band 43						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				44640	45090	45540
Frequency (MHz)				3705	3750	3795
10	QPSK	1	0	21.77	21.92	21.75
10	QPSK	1	25	21.79	21.90	21.67
10	QPSK	1	49	21.74	21.68	21.60
10	QPSK	25	0	20.93	20.92	20.66
10	QPSK	25	12	20.81	20.80	20.76
10	QPSK	25	25	20.82	20.99	20.68
10	QPSK	50	0	20.70	20.81	20.76
10	16QAM	1	0	21.04	21.10	21.10
10	16QAM	1	25	20.92	21.08	21.02
10	16QAM	1	49	20.84	21.04	20.83
10	16QAM	25	0	19.90	20.04	19.93
10	16QAM	25	12	19.67	19.95	19.65
10	16QAM	25	25	19.86	19.75	19.74
10	16QAM	50	0	19.73	19.70	20.01
10	64QAM	1	0	20.04	19.99	19.70
10	64QAM	1	25	19.81	19.89	19.90
10	64QAM	1	49	19.82	19.84	19.60
10	64QAM	25	0	18.67	19.02	18.88
10	64QAM	25	12	18.84	18.91	19.02
10	64QAM	25	25	18.87	18.88	18.74
10	64QAM	50	0	18.67	18.98	18.75
10	256QAM	1	0	16.72	16.85	16.63
10	256QAM	1	25	16.48	16.65	16.66
10	256QAM	1	49	16.77	16.48	16.59
10	256QAM	25	0	15.58	15.76	15.59
10	256QAM	25	12	15.65	15.73	15.72
10	256QAM	25	25	15.69	15.59	15.46
10	256QAM	50	0	15.58	15.73	15.56



LTE Band 43						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				44615	45090	45565
Frequency (MHz)				3702.5	3750	3797.5
5	QPSK	1	0	21.88	21.89	21.86
5	QPSK	1	12	21.63	21.83	21.80
5	QPSK	1	24	21.60	21.75	21.77
5	QPSK	12	0	20.88	20.89	20.68
5	QPSK	12	7	20.61	20.77	20.84
5	QPSK	12	13	20.85	20.89	20.69
5	QPSK	25	0	20.70	20.94	20.72
5	16QAM	1	0	20.96	20.94	21.14
5	16QAM	1	12	20.97	20.97	21.04
5	16QAM	1	24	20.92	21.03	21.00
5	16QAM	12	0	19.95	20.05	19.84
5	16QAM	12	7	19.79	20.00	19.85
5	16QAM	12	13	19.88	19.87	19.77
5	16QAM	25	0	19.76	19.82	19.88
5	64QAM	1	0	19.93	19.94	19.73
5	64QAM	1	12	19.69	20.02	19.96
5	64QAM	1	24	19.97	19.66	19.71
5	64QAM	12	0	18.86	19.10	18.88
5	64QAM	12	7	18.76	18.83	18.95
5	64QAM	12	13	18.95	18.77	18.72
5	64QAM	25	0	18.80	18.99	18.57
5	256QAM	1	0	16.75	16.78	16.61
5	256QAM	1	12	16.49	16.72	16.77
5	256QAM	1	24	16.71	16.57	16.55
5	256QAM	12	0	15.48	15.73	15.72
5	256QAM	12	7	15.48	15.74	15.85
5	256QAM	12	13	15.58	15.64	15.47
5	256QAM	25	0	15.62	15.71	15.48



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	22.87	22.98	22.90
20	QPSK	1	49	22.69	22.84	22.80
20	QPSK	1	99	22.72	22.79	22.71
20	QPSK	50	0	21.95	21.99	21.87
20	QPSK	50	24	21.80	21.92	21.93
20	QPSK	50	50	21.81	21.88	21.63
20	QPSK	100	0	21.83	21.91	21.85
20	16QAM	1	0	22.06	22.03	21.97
20	16QAM	1	49	22.11	22.06	22.17
20	16QAM	1	99	22.07	22.24	21.97
20	16QAM	50	0	20.95	21.05	21.03
20	16QAM	50	24	20.87	20.99	20.83
20	16QAM	50	50	20.94	20.91	20.84
20	16QAM	100	0	20.70	20.92	20.93
20	64QAM	1	0	20.91	21.09	20.72
20	64QAM	1	49	20.88	20.91	20.74
20	64QAM	1	99	21.10	20.86	20.83
20	64QAM	50	0	19.91	20.05	19.80
20	64QAM	50	24	19.83	19.83	19.99
20	64QAM	50	50	20.01	19.79	19.82
20	64QAM	100	0	19.92	19.93	19.66
20	256QAM	1	0	17.79	17.94	17.62
20	256QAM	1	49	17.74	17.80	17.78
20	256QAM	1	99	17.67	17.70	17.67
20	256QAM	50	0	16.73	16.98	16.74
20	256QAM	50	24	16.69	16.70	16.77
20	256QAM	50	50	16.74	16.78	16.48
20	256QAM	100	0	16.74	16.76	16.61



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	22.84	22.95	22.92
15	QPSK	1	37	22.72	22.77	22.61
15	QPSK	1	74	22.79	22.75	22.78
15	QPSK	36	0	21.91	22.03	21.81
15	QPSK	36	20	21.81	21.98	21.78
15	QPSK	36	39	21.79	21.94	21.66
15	QPSK	75	0	21.82	21.86	21.91
15	16QAM	1	0	22.11	22.12	22.11
15	16QAM	1	37	22.12	22.04	22.16
15	16QAM	1	74	21.93	22.08	21.93
15	16QAM	36	0	20.99	21.07	21.01
15	16QAM	36	20	20.77	20.98	20.94
15	16QAM	36	39	20.94	21.01	20.77
15	16QAM	75	0	20.77	20.88	20.93
15	64QAM	1	0	20.85	21.08	20.89
15	64QAM	1	37	20.82	20.97	20.74
15	64QAM	1	74	20.93	20.96	20.81
15	64QAM	36	0	19.89	20.05	19.77
15	64QAM	36	20	19.91	19.76	19.93
15	64QAM	36	39	19.95	19.89	19.74
15	64QAM	75	0	19.86	20.02	19.69
15	256QAM	1	0	17.81	17.94	17.62
15	256QAM	1	37	17.59	17.93	17.79
15	256QAM	1	74	17.80	17.75	17.68
15	256QAM	36	0	16.63	16.85	16.81
15	256QAM	36	20	16.68	16.89	16.85
15	256QAM	36	39	16.69	16.68	16.59
15	256QAM	75	0	16.62	16.78	16.65



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	22.87	22.93	22.77
10	QPSK	1	25	22.76	22.90	22.63
10	QPSK	1	49	22.66	22.86	22.61
10	QPSK	25	0	22.02	22.04	21.81
10	QPSK	25	12	21.90	22.11	21.87
10	QPSK	25	25	21.83	21.95	21.79
10	QPSK	50	0	21.78	21.84	21.80
10	16QAM	1	0	22.03	22.04	22.11
10	16QAM	1	25	22.13	22.18	22.13
10	16QAM	1	49	22.07	22.09	21.99
10	16QAM	25	0	21.02	21.04	21.02
10	16QAM	25	12	20.81	21.07	20.87
10	16QAM	25	25	20.94	20.91	20.81
10	16QAM	50	0	20.81	20.87	20.94
10	64QAM	1	0	20.95	20.96	20.83
10	64QAM	1	25	20.80	20.84	20.84
10	64QAM	1	49	21.09	20.84	20.85
10	64QAM	25	0	19.80	20.10	19.75
10	64QAM	25	12	20.03	19.87	19.98
10	64QAM	25	25	19.91	19.79	19.73
10	64QAM	50	0	19.80	19.93	19.68
10	256QAM	1	0	17.78	18.01	17.69
10	256QAM	1	25	17.68	17.94	17.78
10	256QAM	1	49	17.85	17.57	17.59
10	256QAM	25	0	16.71	16.92	16.75
10	256QAM	25	12	16.68	16.82	16.95
10	256QAM	25	25	16.79	16.71	16.57
10	256QAM	50	0	16.62	16.79	16.64



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	22.89	22.94	22.81
5	QPSK	1	12	22.75	22.88	22.74
5	QPSK	1	24	22.64	22.78	22.63
5	QPSK	12	0	22.03	21.98	21.96
5	QPSK	12	7	21.93	22.04	21.92
5	QPSK	12	13	21.81	22.05	21.76
5	QPSK	25	0	21.87	21.82	21.85
5	16QAM	1	0	22.09	22.06	22.12
5	16QAM	1	12	22.05	22.14	22.15
5	16QAM	1	24	21.98	22.14	21.93
5	16QAM	12	0	21.05	21.16	21.04
5	16QAM	12	7	20.86	21.02	21.02
5	16QAM	12	13	20.86	20.89	20.87
5	16QAM	25	0	20.85	20.72	20.83
5	64QAM	1	0	20.94	21.01	20.88
5	64QAM	1	12	20.75	20.87	20.74
5	64QAM	1	24	20.99	20.79	20.75
5	64QAM	12	0	19.74	19.95	19.79
5	64QAM	12	7	19.84	19.77	19.85
5	64QAM	12	13	19.86	19.85	19.71
5	64QAM	25	0	19.88	19.91	19.72
5	256QAM	1	0	17.78	17.94	17.59
5	256QAM	1	12	17.60	17.90	17.88
5	256QAM	1	24	17.68	17.73	17.61
5	256QAM	12	0	16.74	16.82	16.85
5	256QAM	12	7	16.72	16.70	16.80
5	256QAM	12	13	16.73	16.65	16.63
5	256QAM	25	0	16.59	16.74	16.66



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	22.75	22.91	22.76
3	QPSK	1	8	22.80	22.86	22.63
3	QPSK	1	14	22.81	22.72	22.75
3	QPSK	8	0	21.98	22.01	21.89
3	QPSK	8	4	21.75	22.02	21.98
3	QPSK	8	7	21.77	21.91	21.74
3	QPSK	15	0	21.74	21.76	21.80
3	16QAM	1	0	22.03	22.05	22.12
3	16QAM	1	8	21.97	22.02	22.12
3	16QAM	1	14	22.08	22.14	21.86
3	16QAM	8	0	21.11	21.00	21.07
3	16QAM	8	4	20.90	20.97	20.90
3	16QAM	8	7	20.87	21.00	20.87
3	16QAM	15	0	20.73	20.88	20.93
3	64QAM	1	0	20.79	21.02	20.77
3	64QAM	1	8	20.74	20.91	20.91
3	64QAM	1	14	21.05	20.81	20.87
3	64QAM	8	0	19.79	20.04	19.78
3	64QAM	8	4	19.95	19.78	19.89
3	64QAM	8	7	19.90	19.96	19.78
3	64QAM	15	0	19.89	19.92	19.69
3	256QAM	1	0	17.82	17.84	17.76
3	256QAM	1	8	17.64	17.76	17.84
3	256QAM	1	14	17.75	17.69	17.60
3	256QAM	8	0	16.69	16.92	16.76
3	256QAM	8	4	16.74	16.73	16.84
3	256QAM	8	7	16.74	16.71	16.81
3	256QAM	15	0	16.62	16.74	16.69



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				131979	132322	132665
Frequency (MHz)				1710.7	1745	1779.3
1.4	QPSK	1	0	22.84	22.92	22.86
1.4	QPSK	1	3	22.88	22.79	22.72
1.4	QPSK	1	5	22.64	22.76	22.70
1.4	QPSK	3	0	21.91	22.04	21.97
1.4	QPSK	3	1	21.86	21.96	21.82
1.4	QPSK	3	3	21.86	21.92	21.70
1.4	QPSK	6	0	21.82	21.79	21.94
1.4	16QAM	1	0	22.06	22.06	21.99
1.4	16QAM	1	3	22.14	22.18	22.08
1.4	16QAM	1	5	21.93	22.13	21.85
1.4	16QAM	3	0	20.98	21.03	20.91
1.4	16QAM	3	1	20.74	20.95	20.94
1.4	16QAM	3	3	20.83	21.04	20.88
1.4	16QAM	6	0	20.80	20.78	20.76
1.4	64QAM	1	0	20.86	21.06	20.80
1.4	64QAM	1	3	20.89	20.79	20.74
1.4	64QAM	1	5	21.04	20.97	20.79
1.4	64QAM	3	0	19.75	19.93	19.73
1.4	64QAM	3	1	19.92	19.88	19.96
1.4	64QAM	3	3	19.88	19.79	19.84
1.4	64QAM	6	0	19.98	20.00	19.82
1.4	256QAM	1	0	17.82	17.86	17.78
1.4	256QAM	1	3	17.70	17.89	17.89
1.4	256QAM	1	5	17.74	17.70	17.68
1.4	256QAM	3	0	16.70	16.87	16.86
1.4	256QAM	3	1	16.68	16.82	16.96
1.4	256QAM	3	3	16.65	16.63	16.60
1.4	256QAM	6	0	16.69	16.87	16.73



LTE Band 71						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				133222	133322	133372
Frequency (MHz)				673	683	688
20	QPSK	1	0	22.78	22.86	22.77
20	QPSK	1	49	22.76	22.83	22.55
20	QPSK	1	99	22.71	22.74	22.54
20	QPSK	50	0	21.87	21.92	21.90
20	QPSK	50	24	21.82	21.90	21.82
20	QPSK	50	50	21.79	21.84	21.66
20	QPSK	100	0	21.80	21.77	21.87
20	16QAM	1	0	21.93	22.12	21.88
20	16QAM	1	49	21.91	22.15	22.08
20	16QAM	1	99	21.92	22.15	21.86
20	16QAM	50	0	20.92	21.03	21.01
20	16QAM	50	24	20.82	20.92	20.80
20	16QAM	50	50	20.80	20.95	20.71
20	16QAM	100	0	20.74	20.74	20.74
20	64QAM	1	0	20.78	21.01	20.73
20	64QAM	1	49	20.85	20.85	20.80
20	64QAM	1	99	20.90	20.84	20.71
20	64QAM	50	0	19.77	20.11	19.77
20	64QAM	50	24	19.81	19.68	19.82
20	64QAM	50	50	19.88	19.80	19.82
20	64QAM	100	0	19.87	20.01	19.70
20	256QAM	1	0	17.78	17.93	17.73
20	256QAM	1	49	17.73	17.86	17.76
20	256QAM	1	99	17.83	17.62	17.70
20	256QAM	50	0	16.70	16.91	16.80
20	256QAM	50	24	16.57	16.81	16.92
20	256QAM	50	50	16.80	16.66	16.56
20	256QAM	100	0	16.61	16.77	16.68



LTE Band 71						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				133197	133297	133397
Frequency (MHz)				670.5	680.5	690.5
15	QPSK	1	0	22.82	22.84	22.71
15	QPSK	1	37	22.66	22.70	22.60
15	QPSK	1	74	22.62	22.66	22.56
15	QPSK	36	0	22.01	21.86	21.73
15	QPSK	36	20	21.70	21.92	21.77
15	QPSK	36	39	21.87	21.88	21.70
15	QPSK	75	0	21.73	21.75	21.74
15	16QAM	1	0	21.95	22.09	22.01
15	16QAM	1	37	22.09	22.04	21.96
15	16QAM	1	74	22.01	22.15	21.82
15	16QAM	36	0	21.02	21.05	20.87
15	16QAM	36	20	20.77	20.82	20.87
15	16QAM	36	39	20.76	20.96	20.82
15	16QAM	75	0	20.76	20.82	20.78
15	64QAM	1	0	20.73	21.04	20.76
15	64QAM	1	37	20.81	20.79	20.72
15	64QAM	1	74	20.89	20.74	20.68
15	64QAM	36	0	19.80	20.13	19.81
15	64QAM	36	20	19.84	19.88	19.97
15	64QAM	36	39	19.96	19.90	19.78
15	64QAM	75	0	19.80	19.96	19.60
15	256QAM	1	0	17.92	17.86	17.75
15	256QAM	1	37	17.66	17.91	17.94
15	256QAM	1	74	17.75	17.70	17.65
15	256QAM	36	0	16.64	17.00	16.77
15	256QAM	36	20	16.75	16.76	16.92
15	256QAM	36	39	16.68	16.68	16.59
15	256QAM	75	0	16.60	16.79	16.64



LTE Band 71						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				133172	133272	133422
Frequency (MHz)				668	678	693
10	QPSK	1	0	22.76	22.80	22.79
10	QPSK	1	25	22.70	22.79	22.61
10	QPSK	1	49	22.75	22.74	22.64
10	QPSK	25	0	22.00	21.90	21.76
10	QPSK	25	12	21.81	21.93	21.86
10	QPSK	25	25	21.76	21.95	21.73
10	QPSK	50	0	21.84	21.76	21.75
10	16QAM	1	0	21.98	22.03	21.91
10	16QAM	1	25	21.91	22.14	22.05
10	16QAM	1	49	22.01	22.12	21.94
10	16QAM	25	0	21.01	21.03	20.84
10	16QAM	25	12	20.71	20.87	20.96
10	16QAM	25	25	20.89	20.78	20.72
10	16QAM	50	0	20.70	20.85	20.82
10	64QAM	1	0	20.90	21.03	20.79
10	64QAM	1	25	20.80	20.84	20.82
10	64QAM	1	49	20.88	20.78	20.76
10	64QAM	25	0	19.81	20.12	19.85
10	64QAM	25	12	19.77	19.87	19.91
10	64QAM	25	25	19.91	19.80	19.79
10	64QAM	50	0	19.80	19.88	19.81
10	256QAM	1	0	17.74	17.93	17.77
10	256QAM	1	25	17.78	17.86	17.83
10	256QAM	1	49	17.71	17.71	17.68
10	256QAM	25	0	16.71	17.00	16.69
10	256QAM	25	12	16.58	16.73	16.91
10	256QAM	25	25	16.79	16.80	16.62
10	256QAM	50	0	16.57	16.82	16.59



LTE Band 71						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				133147	133247	133447
Frequency (MHz)				665.5	675.5	695.5
5	QPSK	1	0	22.73	22.79	22.74
5	QPSK	1	12	22.65	22.77	22.75
5	QPSK	1	24	22.60	22.76	22.56
5	QPSK	12	0	21.83	21.86	21.78
5	QPSK	12	7	21.75	21.89	21.81
5	QPSK	12	13	21.67	21.85	21.63
5	QPSK	25	0	21.79	21.84	21.82
5	16QAM	1	0	21.96	22.07	21.92
5	16QAM	1	12	22.07	22.10	21.91
5	16QAM	1	24	21.93	22.09	21.81
5	16QAM	12	0	21.04	21.08	20.86
5	16QAM	12	7	20.80	20.91	20.96
5	16QAM	12	13	20.73	20.80	20.83
5	16QAM	25	0	20.75	20.83	20.75
5	64QAM	1	0	20.93	20.91	20.85
5	64QAM	1	12	20.78	20.88	20.71
5	64QAM	1	24	21.06	20.80	20.74
5	64QAM	12	0	19.76	20.08	19.67
5	64QAM	12	7	19.84	19.79	19.86
5	64QAM	12	13	19.78	19.86	19.76
5	64QAM	25	0	19.81	19.93	19.71
5	256QAM	1	0	17.91	17.91	17.68
5	256QAM	1	12	17.63	17.89	17.84
5	256QAM	1	24	17.71	17.73	17.65
5	256QAM	12	0	16.57	16.80	16.84
5	256QAM	12	7	16.69	16.88	16.86
5	256QAM	12	13	16.68	16.68	16.59
5	256QAM	25	0	16.71	16.89	16.72



Effective Radiated Power and Effective Isotropic Radiated Power

LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18700		18900		19100	
Frequency (MHz)				1860		1880		1900	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	25.17	0.329	25.21	0.332	25.14	0.327
20	QPSK	1	49	25.11	0.324	25.16	0.328	25.09	0.323
20	QPSK	1	99	25.12	0.325	25.10	0.324	25.05	0.320
20	QPSK	50	0	24.26	0.267	24.30	0.269	24.24	0.265
20	QPSK	50	24	24.15	0.260	24.22	0.264	24.17	0.261
20	QPSK	50	50	24.10	0.257	24.19	0.262	24.08	0.256
20	QPSK	100	0	24.14	0.259	24.16	0.261	24.11	0.258
20	16QAM	1	0	24.36	0.273	24.42	0.277	24.37	0.274
20	16QAM	1	49	24.32	0.270	24.35	0.272	24.29	0.269
20	16QAM	1	99	24.25	0.266	24.33	0.271	24.26	0.267
20	16QAM	50	0	23.22	0.210	23.31	0.214	23.27	0.212
20	16QAM	50	24	23.15	0.207	23.25	0.211	23.19	0.208
20	16QAM	50	50	23.08	0.203	23.22	0.210	23.15	0.207
20	16QAM	100	0	23.13	0.206	23.17	0.207	23.20	0.209
20	64QAM	1	0	23.24	0.211	23.29	0.213	23.23	0.210
20	64QAM	1	49	23.17	0.207	23.24	0.211	23.15	0.207
20	64QAM	1	99	23.11	0.205	23.13	0.206	23.10	0.204
20	64QAM	50	0	22.17	0.165	22.25	0.168	22.19	0.166
20	64QAM	50	24	22.08	0.161	22.10	0.162	22.22	0.167
20	64QAM	50	50	22.13	0.163	22.18	0.165	22.14	0.164
20	64QAM	100	0	22.05	0.160	22.13	0.163	22.08	0.161
20	256QAM	1	0	20.30	0.107	20.35	0.108	20.09	0.102
20	256QAM	1	49	20.08	0.102	20.28	0.107	20.26	0.106
20	256QAM	1	99	20.26	0.106	20.13	0.103	20.11	0.103
20	256QAM	50	0	19.12	0.082	19.25	0.084	19.14	0.082
20	256QAM	50	24	19.08	0.081	19.23	0.084	19.28	0.085
20	256QAM	50	50	19.21	0.083	19.19	0.083	19.06	0.081
20	256QAM	100	0	19.12	0.082	19.22	0.084	19.03	0.080



LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18675		18900		19125	
Frequency (MHz)				1857.5		1880		1902.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	25.17	0.329	25.19	0.330	25.13	0.326
15	QPSK	1	37	25.01	0.317	25.16	0.328	25.08	0.322
15	QPSK	1	74	25.15	0.327	25.13	0.326	25.07	0.321
15	QPSK	36	0	24.17	0.261	24.23	0.265	24.31	0.270
15	QPSK	36	20	24.12	0.258	24.15	0.260	24.10	0.257
15	QPSK	36	39	24.08	0.256	24.16	0.261	24.12	0.258
15	QPSK	75	0	24.09	0.256	24.07	0.255	24.11	0.258
15	16QAM	1	0	24.37	0.274	24.44	0.278	24.43	0.277
15	16QAM	1	37	24.39	0.275	24.35	0.272	24.27	0.267
15	16QAM	1	74	24.21	0.264	24.20	0.263	24.24	0.265
15	16QAM	36	0	23.10	0.204	23.36	0.217	23.33	0.215
15	16QAM	36	20	23.03	0.201	23.20	0.209	23.28	0.213
15	16QAM	36	39	23.14	0.206	23.20	0.209	23.22	0.210
15	16QAM	75	0	23.18	0.208	23.06	0.202	23.11	0.205
15	64QAM	1	0	23.20	0.209	23.31	0.214	23.27	0.212
15	64QAM	1	37	23.03	0.201	23.26	0.212	23.11	0.205
15	64QAM	1	74	23.11	0.205	23.04	0.201	23.03	0.201
15	64QAM	36	0	22.02	0.159	22.23	0.167	22.25	0.168
15	64QAM	36	20	22.08	0.161	22.19	0.166	22.19	0.166
15	64QAM	36	39	21.99	0.158	22.23	0.167	22.14	0.164
15	64QAM	75	0	22.04	0.160	22.19	0.166	21.98	0.158
15	256QAM	1	0	20.30	0.107	20.34	0.108	20.12	0.103
15	256QAM	1	37	20.05	0.101	20.26	0.106	20.34	0.108
15	256QAM	1	74	20.08	0.102	20.09	0.102	19.97	0.099
15	256QAM	36	0	18.99	0.079	19.32	0.086	19.19	0.083
15	256QAM	36	20	19.05	0.080	19.10	0.081	19.27	0.085
15	256QAM	36	39	19.07	0.081	19.03	0.080	19.08	0.081
15	256QAM	75	0	19.01	0.080	19.17	0.083	19.02	0.080



LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18650		18900		19150	
Frequency (MHz)				1855		1880		1905	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	25.14	0.327	25.17	0.329	25.09	0.323
10	QPSK	1	25	25.07	0.321	25.15	0.327	25.12	0.325
10	QPSK	1	49	25.02	0.318	25.10	0.324	25.05	0.320
10	QPSK	25	0	24.24	0.265	24.22	0.264	24.27	0.267
10	QPSK	25	12	24.06	0.255	24.19	0.262	24.22	0.264
10	QPSK	25	25	24.19	0.262	24.09	0.256	24.04	0.254
10	QPSK	50	0	24.05	0.254	24.25	0.266	24.15	0.260
10	16QAM	1	0	24.37	0.274	24.49	0.281	24.34	0.272
10	16QAM	1	25	24.26	0.267	24.43	0.277	24.39	0.275
10	16QAM	1	49	24.11	0.258	24.34	0.272	24.34	0.272
10	16QAM	25	0	23.15	0.207	23.25	0.211	23.23	0.210
10	16QAM	25	12	23.10	0.204	23.27	0.212	23.26	0.212
10	16QAM	25	25	23.05	0.202	23.28	0.213	23.03	0.201
10	16QAM	50	0	23.04	0.201	23.16	0.207	23.27	0.212
10	64QAM	1	0	23.34	0.216	23.17	0.207	23.24	0.211
10	64QAM	1	25	23.14	0.206	23.24	0.211	23.11	0.205
10	64QAM	1	49	23.07	0.203	23.14	0.206	23.16	0.207
10	64QAM	25	0	22.08	0.161	22.23	0.167	22.07	0.161
10	64QAM	25	12	22.10	0.162	22.15	0.164	22.11	0.163
10	64QAM	25	25	22.20	0.166	22.07	0.161	22.15	0.164
10	64QAM	50	0	22.14	0.164	22.19	0.166	22.08	0.161
10	256QAM	1	0	20.16	0.104	20.33	0.108	20.03	0.101
10	256QAM	1	25	20.09	0.102	20.30	0.107	20.30	0.107
10	256QAM	1	49	20.19	0.104	20.04	0.101	20.06	0.101
10	256QAM	25	0	19.15	0.082	19.22	0.084	19.18	0.083
10	256QAM	25	12	18.98	0.079	19.23	0.084	19.26	0.084
10	256QAM	25	25	19.16	0.082	19.04	0.080	18.95	0.079
10	256QAM	50	0	19.01	0.080	19.23	0.084	19.09	0.081



LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18625		18900		19175	
Frequency (MHz)				1852.5		1880		1907.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	25.17	0.329	25.18	0.330	25.13	0.326
5	QPSK	1	12	25.16	0.328	25.14	0.327	25.03	0.318
5	QPSK	1	24	25.10	0.324	25.14	0.327	25.06	0.321
5	QPSK	12	0	24.21	0.264	24.34	0.272	24.32	0.270
5	QPSK	12	7	24.17	0.261	24.26	0.267	24.16	0.261
5	QPSK	12	13	24.02	0.252	24.07	0.255	24.03	0.253
5	QPSK	25	0	24.23	0.265	24.16	0.261	24.17	0.261
5	16QAM	1	0	24.40	0.275	24.32	0.270	24.41	0.276
5	16QAM	1	12	24.22	0.264	24.40	0.275	24.27	0.267
5	16QAM	1	24	24.19	0.262	24.33	0.271	24.21	0.264
5	16QAM	12	0	23.10	0.204	23.33	0.215	23.37	0.217
5	16QAM	12	7	23.22	0.210	23.14	0.206	23.28	0.213
5	16QAM	12	13	23.08	0.203	23.12	0.205	23.06	0.202
5	16QAM	25	0	23.01	0.200	23.23	0.210	23.13	0.206
5	64QAM	1	0	23.18	0.208	23.29	0.213	23.10	0.204
5	64QAM	1	12	23.20	0.209	23.19	0.208	23.25	0.211
5	64QAM	1	24	23.09	0.204	23.22	0.210	22.96	0.198
5	64QAM	12	0	22.03	0.160	22.18	0.165	22.15	0.164
5	64QAM	12	7	22.15	0.164	22.06	0.161	22.14	0.164
5	64QAM	12	13	22.21	0.166	22.13	0.163	22.02	0.159
5	64QAM	25	0	22.00	0.158	22.01	0.159	21.99	0.158
5	256QAM	1	0	20.21	0.105	20.38	0.109	20.12	0.103
5	256QAM	1	12	20.11	0.103	20.26	0.106	20.25	0.106
5	256QAM	1	24	20.11	0.103	20.06	0.101	20.02	0.100
5	256QAM	12	0	19.10	0.081	19.25	0.084	19.21	0.083
5	256QAM	12	7	19.15	0.082	19.29	0.085	19.21	0.083
5	256QAM	12	13	19.20	0.083	19.08	0.081	18.98	0.079
5	256QAM	25	0	19.11	0.081	19.26	0.084	18.99	0.079



LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18615		18900		19185	
Frequency (MHz)				1851.5		1880		1908.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	25.11	0.324	25.14	0.327	25.10	0.324
3	QPSK	1	8	24.98	0.315	25.02	0.318	25.07	0.321
3	QPSK	1	14	25.05	0.320	25.10	0.324	25.06	0.321
3	QPSK	8	0	24.24	0.265	24.15	0.260	24.10	0.257
3	QPSK	8	4	24.12	0.258	24.16	0.261	24.08	0.256
3	QPSK	8	7	24.10	0.257	24.25	0.266	24.01	0.252
3	QPSK	15	0	24.17	0.261	24.03	0.253	24.01	0.252
3	16QAM	1	0	24.21	0.264	24.40	0.275	24.34	0.272
3	16QAM	1	8	24.20	0.263	24.37	0.274	24.32	0.270
3	16QAM	1	14	24.33	0.271	24.19	0.262	24.14	0.259
3	16QAM	8	0	23.13	0.206	23.25	0.211	23.20	0.209
3	16QAM	8	4	23.22	0.210	23.34	0.216	23.17	0.207
3	16QAM	8	7	23.10	0.204	23.31	0.214	23.03	0.201
3	16QAM	15	0	22.99	0.199	23.05	0.202	23.13	0.206
3	64QAM	1	0	23.15	0.207	23.24	0.211	23.22	0.210
3	64QAM	1	8	23.08	0.203	23.33	0.215	23.23	0.210
3	64QAM	1	14	23.16	0.207	23.20	0.209	23.00	0.200
3	64QAM	8	0	22.26	0.168	22.32	0.171	22.25	0.168
3	64QAM	8	4	22.12	0.163	22.14	0.164	22.14	0.164
3	64QAM	8	7	22.01	0.159	22.17	0.165	22.15	0.164
3	64QAM	15	0	22.15	0.164	22.21	0.166	22.09	0.162
3	256QAM	1	0	20.34	0.108	20.33	0.108	20.03	0.101
3	256QAM	1	8	20.14	0.103	20.15	0.104	20.36	0.109
3	256QAM	1	14	20.16	0.104	20.07	0.102	20.17	0.104
3	256QAM	8	0	19.20	0.083	19.36	0.086	19.09	0.081
3	256QAM	8	4	19.09	0.081	19.20	0.083	19.17	0.083
3	256QAM	8	7	19.23	0.084	19.02	0.080	19.01	0.080
3	256QAM	15	0	19.12	0.082	19.21	0.083	19.01	0.080



LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18607		18900		19193	
Frequency (MHz)				1850.7		1880		1909.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	25.11	0.324	25.18	0.330	25.10	0.324
1.4	QPSK	1	3	24.97	0.314	25.04	0.319	25.09	0.323
1.4	QPSK	1	5	25.15	0.327	25.09	0.323	25.09	0.323
1.4	QPSK	3	0	24.30	0.269	24.34	0.272	24.09	0.256
1.4	QPSK	3	1	24.24	0.265	24.29	0.269	24.09	0.256
1.4	QPSK	3	3	24.13	0.259	24.21	0.264	24.09	0.256
1.4	QPSK	6	0	24.09	0.256	24.04	0.254	23.99	0.251
1.4	16QAM	1	0	24.44	0.278	24.27	0.267	24.41	0.276
1.4	16QAM	1	3	24.23	0.265	24.30	0.269	24.14	0.259
1.4	16QAM	1	5	24.29	0.269	24.20	0.263	24.18	0.262
1.4	16QAM	3	0	23.13	0.206	23.33	0.215	23.22	0.210
1.4	16QAM	3	1	23.19	0.208	23.12	0.205	23.19	0.208
1.4	16QAM	3	3	23.13	0.206	23.08	0.203	23.06	0.202
1.4	16QAM	6	0	23.14	0.206	23.13	0.206	23.05	0.202
1.4	64QAM	1	0	23.10	0.204	23.33	0.215	23.18	0.208
1.4	64QAM	1	3	23.25	0.211	23.18	0.208	23.03	0.201
1.4	64QAM	1	5	23.12	0.205	23.20	0.209	23.00	0.200
1.4	64QAM	3	0	22.14	0.164	22.13	0.163	22.13	0.163
1.4	64QAM	3	1	22.11	0.163	22.20	0.166	22.29	0.169
1.4	64QAM	3	3	22.10	0.162	22.19	0.166	22.22	0.167
1.4	64QAM	6	0	22.14	0.164	22.11	0.163	22.10	0.162
1.4	256QAM	1	0	20.19	0.104	20.30	0.107	20.04	0.101
1.4	256QAM	1	3	20.07	0.102	20.20	0.105	20.29	0.107
1.4	256QAM	1	5	20.12	0.103	20.04	0.101	19.99	0.100
1.4	256QAM	3	0	19.15	0.082	19.25	0.084	19.10	0.081
1.4	256QAM	3	1	19.15	0.082	19.25	0.084	19.36	0.086
1.4	256QAM	3	3	19.11	0.081	19.12	0.082	18.98	0.079
1.4	256QAM	6	0	19.13	0.082	19.16	0.082	19.02	0.080



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20050		20175		20300	
Frequency (MHz)				1720		1732.5		1745	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	24.71	0.296	24.78	0.301	24.65	0.292
20	QPSK	1	49	24.53	0.284	24.69	0.294	24.51	0.282
20	QPSK	1	99	24.72	0.296	24.63	0.290	24.60	0.288
20	QPSK	50	0	23.81	0.240	23.83	0.242	23.79	0.239
20	QPSK	50	24	23.58	0.228	23.75	0.237	23.64	0.231
20	QPSK	50	50	23.67	0.233	23.82	0.241	23.66	0.232
20	QPSK	100	0	23.58	0.228	23.74	0.237	23.72	0.236
20	16QAM	1	0	23.99	0.251	23.99	0.251	23.76	0.238
20	16QAM	1	49	23.75	0.237	23.79	0.239	23.83	0.242
20	16QAM	1	99	23.75	0.237	23.75	0.237	23.66	0.232
20	16QAM	50	0	22.81	0.191	22.76	0.189	22.80	0.191
20	16QAM	50	24	22.68	0.185	22.80	0.191	22.58	0.181
20	16QAM	50	50	22.53	0.179	22.62	0.183	22.71	0.187
20	16QAM	100	0	22.72	0.187	22.70	0.186	22.66	0.185
20	64QAM	1	0	22.82	0.191	22.82	0.191	22.83	0.192
20	64QAM	1	49	22.75	0.188	22.76	0.189	22.76	0.189
20	64QAM	1	99	22.50	0.178	22.68	0.185	22.58	0.181
20	64QAM	50	0	21.73	0.149	21.69	0.148	21.70	0.148
20	64QAM	50	24	21.47	0.140	21.60	0.145	21.78	0.151
20	64QAM	50	50	21.72	0.149	21.62	0.145	21.64	0.146
20	64QAM	100	0	21.49	0.141	21.60	0.145	21.67	0.147
20	256QAM	1	0	19.72	0.094	19.78	0.095	19.63	0.092
20	256QAM	1	49	19.68	0.093	19.85	0.097	19.88	0.097
20	256QAM	1	99	19.71	0.094	19.67	0.093	19.59	0.091
20	256QAM	50	0	18.55	0.072	18.77	0.075	18.78	0.076
20	256QAM	50	24	18.51	0.071	18.78	0.076	18.70	0.074
20	256QAM	50	50	18.77	0.075	18.63	0.073	18.65	0.073
20	256QAM	100	0	18.53	0.071	18.75	0.075	18.44	0.070



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20025		20175		20325	
Frequency (MHz)				1717.5		1732.5		1747.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	24.68	0.294	24.75	0.299	24.69	0.294
15	QPSK	1	37	24.51	0.282	24.65	0.292	24.67	0.293
15	QPSK	1	74	24.69	0.294	24.60	0.288	24.55	0.285
15	QPSK	36	0	23.66	0.232	23.71	0.235	23.81	0.240
15	QPSK	36	20	23.71	0.235	23.86	0.243	23.76	0.238
15	QPSK	36	39	23.65	0.232	23.68	0.233	23.58	0.228
15	QPSK	75	0	23.77	0.238	23.65	0.232	23.67	0.233
15	16QAM	1	0	23.93	0.247	24.03	0.253	23.76	0.238
15	16QAM	1	37	23.86	0.243	23.82	0.241	23.84	0.242
15	16QAM	1	74	23.69	0.234	23.82	0.241	23.68	0.233
15	16QAM	36	0	22.63	0.183	22.94	0.197	22.72	0.187
15	16QAM	36	20	22.75	0.188	22.71	0.187	22.76	0.189
15	16QAM	36	39	22.70	0.186	22.80	0.191	22.56	0.180
15	16QAM	75	0	22.65	0.184	22.76	0.189	22.59	0.182
15	64QAM	1	0	22.72	0.187	22.92	0.196	22.87	0.194
15	64QAM	1	37	22.63	0.183	22.63	0.183	22.69	0.186
15	64QAM	1	74	22.70	0.186	22.67	0.185	22.55	0.180
15	64QAM	36	0	21.78	0.151	21.88	0.154	21.66	0.147
15	64QAM	36	20	21.63	0.146	21.71	0.148	21.69	0.148
15	64QAM	36	39	21.64	0.146	21.71	0.148	21.66	0.147
15	64QAM	75	0	21.55	0.143	21.65	0.146	21.51	0.142
15	256QAM	1	0	19.77	0.095	19.79	0.095	19.56	0.090
15	256QAM	1	37	19.58	0.091	19.74	0.094	19.72	0.094
15	256QAM	1	74	19.64	0.092	19.68	0.093	19.50	0.089
15	256QAM	36	0	18.60	0.072	18.78	0.076	18.61	0.073
15	256QAM	36	20	18.65	0.073	18.81	0.076	18.58	0.072
15	256QAM	36	39	18.62	0.073	18.69	0.074	18.49	0.071
15	256QAM	75	0	18.61	0.073	18.80	0.076	18.55	0.072



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20000		20175		20350	
Frequency (MHz)				1715		1732.5		1750	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	24.68	0.294	24.73	0.297	24.70	0.295
10	QPSK	1	25	24.51	0.282	24.65	0.292	24.60	0.288
10	QPSK	1	49	24.65	0.292	24.56	0.286	24.45	0.279
10	QPSK	25	0	23.66	0.232	23.86	0.243	23.70	0.234
10	QPSK	25	12	23.58	0.228	23.78	0.239	23.65	0.232
10	QPSK	25	25	23.66	0.232	23.82	0.241	23.70	0.234
10	QPSK	50	0	23.55	0.226	23.80	0.240	23.66	0.232
10	16QAM	1	0	23.76	0.238	23.87	0.244	23.89	0.245
10	16QAM	1	25	23.91	0.246	23.76	0.238	23.69	0.234
10	16QAM	1	49	23.84	0.242	23.75	0.237	23.81	0.240
10	16QAM	25	0	22.62	0.183	22.85	0.193	22.69	0.186
10	16QAM	25	12	22.71	0.187	22.70	0.186	22.71	0.187
10	16QAM	25	25	22.71	0.187	22.80	0.191	22.79	0.190
10	16QAM	50	0	22.57	0.181	22.76	0.189	22.84	0.192
10	64QAM	1	0	22.67	0.185	22.89	0.195	22.76	0.189
10	64QAM	1	25	22.56	0.180	22.82	0.191	22.64	0.184
10	64QAM	1	49	22.66	0.185	22.67	0.185	22.69	0.186
10	64QAM	25	0	21.73	0.149	21.76	0.150	21.78	0.151
10	64QAM	25	12	21.51	0.142	21.66	0.147	21.83	0.152
10	64QAM	25	25	21.58	0.144	21.72	0.149	21.55	0.143
10	64QAM	50	0	21.54	0.143	21.67	0.147	21.61	0.145
10	256QAM	1	0	19.78	0.095	19.88	0.097	19.68	0.093
10	256QAM	1	25	19.62	0.092	19.74	0.094	19.73	0.094
10	256QAM	1	49	19.72	0.094	19.62	0.092	19.70	0.093
10	256QAM	25	0	18.62	0.073	18.81	0.076	18.69	0.074
10	256QAM	25	12	18.64	0.073	18.66	0.073	18.77	0.075
10	256QAM	25	25	18.66	0.073	18.54	0.071	18.56	0.072
10	256QAM	50	0	18.68	0.074	18.70	0.074	18.54	0.071



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				19975		20175		20375	
Frequency (MHz)				1712.5		1732.5		1752.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	24.65	0.292	24.74	0.298	24.71	0.296
5	QPSK	1	12	24.65	0.292	24.61	0.289	24.60	0.288
5	QPSK	1	24	24.57	0.286	24.61	0.289	24.65	0.292
5	QPSK	12	0	23.68	0.233	23.85	0.243	23.68	0.233
5	QPSK	12	7	23.70	0.234	23.84	0.242	23.64	0.231
5	QPSK	12	13	23.74	0.237	23.58	0.228	23.55	0.226
5	QPSK	25	0	23.75	0.237	23.60	0.229	23.66	0.232
5	16QAM	1	0	23.77	0.238	24.01	0.252	23.77	0.238
5	16QAM	1	12	23.93	0.247	23.93	0.247	23.73	0.236
5	16QAM	1	24	23.65	0.232	23.88	0.244	23.88	0.244
5	16QAM	12	0	22.65	0.184	22.93	0.196	22.77	0.189
5	16QAM	12	7	22.79	0.190	22.89	0.195	22.77	0.189
5	16QAM	12	13	22.72	0.187	22.70	0.186	22.58	0.181
5	16QAM	25	0	22.52	0.179	22.63	0.183	22.82	0.191
5	64QAM	1	0	22.80	0.191	22.73	0.187	22.75	0.188
5	64QAM	1	12	22.75	0.188	22.68	0.185	22.65	0.184
5	64QAM	1	24	22.72	0.187	22.71	0.187	22.64	0.184
5	64QAM	12	0	21.62	0.145	21.76	0.150	21.71	0.148
5	64QAM	12	7	21.55	0.143	21.64	0.146	21.72	0.149
5	64QAM	12	13	21.68	0.147	21.70	0.148	21.57	0.144
5	64QAM	25	0	21.68	0.147	21.62	0.145	21.49	0.141
5	256QAM	1	0	19.75	0.094	19.96	0.099	19.59	0.091
5	256QAM	1	12	19.65	0.092	19.67	0.093	19.69	0.093
5	256QAM	1	24	19.69	0.093	19.62	0.092	19.73	0.094
5	256QAM	12	0	18.55	0.072	18.82	0.076	18.73	0.075
5	256QAM	12	7	18.60	0.072	18.70	0.074	18.80	0.076
5	256QAM	12	13	18.74	0.075	18.56	0.072	18.55	0.072
5	256QAM	25	0	18.63	0.073	18.83	0.076	18.70	0.074



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				19965		20175		20385	
Frequency (MHz)				1711.5		1732.5		1753.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	24.69	0.294	24.70	0.295	24.63	0.290
3	QPSK	1	8	24.68	0.294	24.66	0.292	24.65	0.292
3	QPSK	1	14	24.61	0.289	24.52	0.283	24.46	0.279
3	QPSK	8	0	23.85	0.243	23.78	0.239	23.77	0.238
3	QPSK	8	4	23.55	0.226	23.63	0.231	23.76	0.238
3	QPSK	8	7	23.68	0.233	23.59	0.229	23.49	0.223
3	QPSK	15	0	23.73	0.236	23.76	0.238	23.60	0.229
3	16QAM	1	0	23.85	0.243	23.97	0.249	23.98	0.250
3	16QAM	1	8	23.90	0.245	23.80	0.240	23.93	0.247
3	16QAM	1	14	23.87	0.244	23.83	0.242	23.90	0.245
3	16QAM	8	0	22.82	0.191	22.84	0.192	22.81	0.191
3	16QAM	8	4	22.65	0.184	22.71	0.187	22.83	0.192
3	16QAM	8	7	22.68	0.185	22.72	0.187	22.56	0.180
3	16QAM	15	0	22.72	0.187	22.60	0.182	22.70	0.186
3	64QAM	1	0	22.69	0.186	22.82	0.191	22.66	0.185
3	64QAM	1	8	22.66	0.185	22.86	0.193	22.76	0.189
3	64QAM	1	14	22.64	0.184	22.61	0.182	22.50	0.178
3	64QAM	8	0	21.64	0.146	21.74	0.149	21.78	0.151
3	64QAM	8	4	21.57	0.144	21.69	0.148	21.76	0.150
3	64QAM	8	7	21.67	0.147	21.62	0.145	21.61	0.145
3	64QAM	15	0	21.46	0.140	21.71	0.148	21.56	0.143
3	256QAM	1	0	19.76	0.095	19.84	0.096	19.58	0.091
3	256QAM	1	8	19.70	0.093	19.71	0.094	19.85	0.097
3	256QAM	1	14	19.72	0.094	19.54	0.090	19.50	0.089
3	256QAM	8	0	18.61	0.073	18.76	0.075	18.77	0.075
3	256QAM	8	4	18.67	0.074	18.67	0.074	18.75	0.075
3	256QAM	8	7	18.60	0.072	18.57	0.072	18.54	0.071
3	256QAM	15	0	18.61	0.073	18.82	0.076	18.58	0.072



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				19957		20175		20393	
Frequency (MHz)				1710.7		1732.5		1754.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	24.68	0.294	24.71	0.296	24.66	0.292
1.4	QPSK	1	3	24.67	0.293	24.64	0.291	24.57	0.286
1.4	QPSK	1	5	24.58	0.287	24.68	0.294	24.60	0.288
1.4	QPSK	3	0	23.90	0.245	23.83	0.242	23.81	0.240
1.4	QPSK	3	1	23.60	0.229	23.76	0.238	23.75	0.237
1.4	QPSK	3	3	23.65	0.232	23.65	0.232	23.69	0.234
1.4	QPSK	6	0	23.75	0.237	23.75	0.237	23.56	0.227
1.4	16QAM	1	0	23.88	0.244	23.83	0.242	23.76	0.238
1.4	16QAM	1	3	23.80	0.240	23.85	0.243	23.79	0.239
1.4	16QAM	1	5	23.89	0.245	23.89	0.245	23.74	0.237
1.4	16QAM	3	0	22.74	0.188	22.88	0.194	22.73	0.187
1.4	16QAM	3	1	22.67	0.185	22.64	0.184	22.80	0.191
1.4	16QAM	3	3	22.70	0.186	22.73	0.187	22.75	0.188
1.4	16QAM	6	0	22.64	0.184	22.73	0.187	22.84	0.192
1.4	64QAM	1	0	22.76	0.189	22.79	0.190	22.78	0.190
1.4	64QAM	1	3	22.77	0.189	22.86	0.193	22.71	0.187
1.4	64QAM	1	5	22.65	0.184	22.70	0.186	22.65	0.184
1.4	64QAM	3	0	21.78	0.151	21.68	0.147	21.61	0.145
1.4	64QAM	3	1	21.63	0.146	21.65	0.146	21.64	0.146
1.4	64QAM	3	3	21.65	0.146	21.67	0.147	21.63	0.146
1.4	64QAM	6	0	21.65	0.146	21.67	0.147	21.48	0.141
1.4	256QAM	1	0	19.86	0.097	19.82	0.096	19.60	0.091
1.4	256QAM	1	3	19.54	0.090	19.71	0.094	19.80	0.095
1.4	256QAM	1	5	19.67	0.093	19.62	0.092	19.58	0.091
1.4	256QAM	3	0	18.66	0.073	18.77	0.075	18.66	0.073
1.4	256QAM	3	1	18.54	0.071	18.63	0.073	18.83	0.076
1.4	256QAM	3	3	18.75	0.075	18.57	0.072	18.59	0.072
1.4	256QAM	6	0	18.66	0.073	18.75	0.075	18.56	0.072



LTE Band 5				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20450		20525		20600	
Frequency (MHz)				829		836.5		844	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	19.75	0.094	19.80	0.095	19.74	0.094
10	QPSK	1	25	19.76	0.095	19.73	0.094	19.66	0.092
10	QPSK	1	49	19.72	0.094	19.77	0.095	19.64	0.092
10	QPSK	25	0	18.75	0.075	18.81	0.076	18.71	0.074
10	QPSK	25	12	18.63	0.073	18.80	0.076	18.66	0.073
10	QPSK	25	25	18.80	0.076	18.80	0.076	18.76	0.075
10	QPSK	50	0	18.74	0.075	18.73	0.075	18.78	0.076
10	16QAM	1	0	18.93	0.078	18.96	0.079	18.84	0.077
10	16QAM	1	25	18.82	0.076	18.92	0.078	18.99	0.079
10	16QAM	1	49	18.76	0.075	18.78	0.076	18.95	0.079
10	16QAM	25	0	17.77	0.060	17.79	0.060	17.81	0.060
10	16QAM	25	12	17.81	0.060	17.91	0.062	17.75	0.060
10	16QAM	25	25	17.63	0.058	17.72	0.059	17.73	0.059
10	16QAM	50	0	17.80	0.060	17.74	0.059	17.68	0.059
10	64QAM	1	0	17.90	0.062	17.86	0.061	17.81	0.060
10	64QAM	1	25	17.81	0.060	17.69	0.059	17.64	0.058
10	64QAM	1	49	17.79	0.060	17.74	0.059	17.68	0.059
10	64QAM	25	0	16.69	0.047	16.74	0.047	16.81	0.048
10	64QAM	25	12	16.66	0.046	16.77	0.048	16.85	0.048
10	64QAM	25	25	16.74	0.047	16.80	0.048	16.64	0.046
10	64QAM	50	0	16.59	0.046	16.80	0.048	16.78	0.048
10	256QAM	1	0	14.64	0.029	14.55	0.029	14.43	0.028
10	256QAM	1	25	14.39	0.027	14.53	0.028	14.65	0.029
10	256QAM	1	49	14.54	0.028	14.37	0.027	14.40	0.028
10	256QAM	25	0	13.41	0.022	13.64	0.023	13.49	0.022
10	256QAM	25	12	13.33	0.022	13.42	0.022	13.57	0.023
10	256QAM	25	25	13.52	0.022	13.40	0.022	13.33	0.022
10	256QAM	50	0	13.43	0.022	13.52	0.022	13.28	0.021



LTE Band 5				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20425		20525		20625	
Frequency (MHz)				826.5		836.5		846.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	19.74	0.094	19.78	0.095	19.72	0.094
5	QPSK	1	12	19.58	0.091	19.79	0.095	19.78	0.095
5	QPSK	1	24	19.68	0.093	19.79	0.095	19.52	0.090
5	QPSK	12	0	18.82	0.076	18.94	0.078	18.74	0.075
5	QPSK	12	7	18.68	0.074	18.90	0.078	18.86	0.077
5	QPSK	12	13	18.66	0.073	18.65	0.073	18.75	0.075
5	QPSK	25	0	18.60	0.072	18.83	0.076	18.66	0.073
5	16QAM	1	0	18.83	0.076	19.05	0.080	18.85	0.077
5	16QAM	1	12	18.80	0.076	18.93	0.078	18.91	0.078
5	16QAM	1	24	18.84	0.077	18.83	0.076	18.82	0.076
5	16QAM	12	0	17.78	0.060	17.77	0.060	17.74	0.059
5	16QAM	12	7	17.69	0.059	17.94	0.062	17.83	0.061
5	16QAM	12	13	17.66	0.058	17.87	0.061	17.75	0.060
5	16QAM	25	0	17.60	0.058	17.79	0.060	17.73	0.059
5	64QAM	1	0	17.83	0.061	17.91	0.062	17.68	0.059
5	64QAM	1	12	17.82	0.061	17.85	0.061	17.82	0.061
5	64QAM	1	24	17.69	0.059	17.58	0.057	17.78	0.060
5	64QAM	12	0	16.73	0.047	16.87	0.049	16.77	0.048
5	64QAM	12	7	16.77	0.048	16.65	0.046	16.70	0.047
5	64QAM	12	13	16.79	0.048	16.80	0.048	16.73	0.047
5	64QAM	25	0	16.70	0.047	16.60	0.046	16.55	0.045
5	256QAM	1	0	14.63	0.029	14.63	0.029	14.48	0.028
5	256QAM	1	12	14.48	0.028	14.56	0.029	14.53	0.028
5	256QAM	1	24	14.41	0.028	14.44	0.028	14.36	0.027
5	256QAM	12	0	13.40	0.022	13.57	0.023	13.51	0.022
5	256QAM	12	7	13.44	0.022	13.59	0.023	13.54	0.023
5	256QAM	12	13	13.51	0.022	13.43	0.022	13.32	0.021
5	256QAM	25	0	13.36	0.022	13.59	0.023	13.38	0.022



LTE Band 5				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20415		20525		20635	
Frequency (MHz)				825.5		836.5		847.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	19.67	0.093	19.75	0.094	19.62	0.092
3	QPSK	1	8	19.65	0.092	19.67	0.093	19.60	0.091
3	QPSK	1	14	19.63	0.092	19.71	0.094	19.74	0.094
3	QPSK	8	0	18.87	0.077	18.83	0.076	18.88	0.077
3	QPSK	8	4	18.69	0.074	18.89	0.077	18.66	0.073
3	QPSK	8	7	18.77	0.075	18.88	0.077	18.62	0.073
3	QPSK	15	0	18.76	0.075	18.62	0.073	18.64	0.073
3	16QAM	1	0	18.84	0.077	18.96	0.079	18.89	0.077
3	16QAM	1	8	18.80	0.076	19.05	0.080	18.74	0.075
3	16QAM	1	14	18.94	0.078	19.00	0.079	18.93	0.078
3	16QAM	8	0	17.79	0.060	17.82	0.061	17.73	0.059
3	16QAM	8	4	17.76	0.060	17.92	0.062	17.88	0.061
3	16QAM	8	7	17.57	0.057	17.79	0.060	17.78	0.060
3	16QAM	15	0	17.61	0.058	17.74	0.059	17.82	0.061
3	64QAM	1	0	17.91	0.062	17.90	0.062	17.69	0.059
3	64QAM	1	8	17.79	0.060	17.92	0.062	17.71	0.059
3	64QAM	1	14	17.70	0.059	17.77	0.060	17.62	0.058
3	64QAM	8	0	16.78	0.048	16.85	0.048	16.65	0.046
3	64QAM	8	4	16.64	0.046	16.72	0.047	16.79	0.048
3	64QAM	8	7	16.61	0.046	16.73	0.047	16.74	0.047
3	64QAM	15	0	16.55	0.045	16.74	0.047	16.74	0.047
3	256QAM	1	0	14.60	0.029	14.63	0.029	14.36	0.027
3	256QAM	1	8	14.35	0.027	14.58	0.029	14.67	0.029
3	256QAM	1	14	14.43	0.028	14.35	0.027	14.31	0.027
3	256QAM	8	0	13.30	0.021	13.53	0.023	13.50	0.022
3	256QAM	8	4	13.33	0.022	13.41	0.022	13.52	0.022
3	256QAM	8	7	13.54	0.023	13.41	0.022	13.35	0.022
3	256QAM	15	0	13.41	0.022	13.55	0.023	13.29	0.021



LTE Band 5				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20407		20525		20643	
Frequency (MHz)				824.7		836.5		848.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	19.70	0.093	19.72	0.094	19.69	0.093
1.4	QPSK	1	3	19.66	0.092	19.74	0.094	19.72	0.094
1.4	QPSK	1	5	19.70	0.093	19.67	0.093	19.60	0.091
1.4	QPSK	3	0	18.71	0.074	18.84	0.077	18.73	0.075
1.4	QPSK	3	1	18.76	0.075	18.92	0.078	18.67	0.074
1.4	QPSK	3	3	18.70	0.074	18.82	0.076	18.71	0.074
1.4	QPSK	6	0	18.71	0.074	18.85	0.077	18.71	0.074
1.4	16QAM	1	0	18.96	0.079	18.94	0.078	18.82	0.076
1.4	16QAM	1	3	18.95	0.079	18.98	0.079	18.89	0.077
1.4	16QAM	1	5	18.94	0.078	18.86	0.077	18.72	0.074
1.4	16QAM	3	0	17.75	0.060	17.84	0.061	17.80	0.060
1.4	16QAM	3	1	17.68	0.059	17.86	0.061	17.64	0.058
1.4	16QAM	3	3	17.69	0.059	17.82	0.061	17.72	0.059
1.4	16QAM	6	0	17.60	0.058	17.81	0.060	17.77	0.060
1.4	64QAM	1	0	17.92	0.062	17.91	0.062	17.80	0.060
1.4	64QAM	1	3	17.71	0.059	17.73	0.059	17.84	0.061
1.4	64QAM	1	5	17.58	0.057	17.59	0.057	17.65	0.058
1.4	64QAM	3	0	16.74	0.047	16.86	0.049	16.77	0.048
1.4	64QAM	3	1	16.73	0.047	16.67	0.046	16.90	0.049
1.4	64QAM	3	3	16.66	0.046	16.68	0.047	16.75	0.047
1.4	64QAM	6	0	16.56	0.045	16.82	0.048	16.75	0.047
1.4	256QAM	1	0	14.55	0.029	14.74	0.030	14.42	0.028
1.4	256QAM	1	3	14.47	0.028	14.62	0.029	14.63	0.029
1.4	256QAM	1	5	14.51	0.028	14.39	0.027	14.53	0.028
1.4	256QAM	3	0	13.37	0.022	13.67	0.023	13.55	0.023
1.4	256QAM	3	1	13.46	0.022	13.48	0.022	13.62	0.023
1.4	256QAM	3	3	13.45	0.022	13.46	0.022	13.53	0.023
1.4	256QAM	6	0	13.34	0.022	13.46	0.022	13.25	0.021



LTE Band 7				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20850		21100		21350	
Frequency (MHz)				2510		2535		2560	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	23.35	0.216	23.44	0.221	23.38	0.218
20	QPSK	1	49	23.24	0.211	23.36	0.217	23.21	0.209
20	QPSK	1	99	23.30	0.214	23.24	0.211	23.18	0.208
20	QPSK	50	0	22.43	0.175	22.58	0.181	22.49	0.177
20	QPSK	50	24	22.21	0.166	22.48	0.177	22.38	0.173
20	QPSK	50	50	22.20	0.166	22.25	0.168	22.26	0.168
20	QPSK	100	0	22.41	0.174	22.26	0.168	22.23	0.167
20	16QAM	1	0	22.42	0.175	22.51	0.178	22.64	0.184
20	16QAM	1	49	22.39	0.173	22.53	0.179	22.51	0.178
20	16QAM	1	99	22.33	0.171	22.44	0.175	22.46	0.176
20	16QAM	50	0	21.30	0.135	21.52	0.142	21.44	0.139
20	16QAM	50	24	21.42	0.139	21.30	0.135	21.34	0.136
20	16QAM	50	50	21.25	0.133	21.40	0.138	21.23	0.133
20	16QAM	100	0	21.19	0.132	21.42	0.139	21.38	0.137
20	64QAM	1	0	21.47	0.140	21.43	0.139	21.44	0.139
20	64QAM	1	49	21.39	0.138	21.28	0.134	21.40	0.138
20	64QAM	1	99	21.31	0.135	21.39	0.138	21.39	0.138
20	64QAM	50	0	20.23	0.105	20.50	0.112	20.37	0.109
20	64QAM	50	24	20.29	0.107	20.30	0.107	20.39	0.109
20	64QAM	50	50	20.42	0.110	20.45	0.111	20.22	0.105
20	64QAM	100	0	20.15	0.104	20.32	0.108	20.32	0.108
20	256QAM	1	0	18.17	0.066	18.36	0.069	17.97	0.063
20	256QAM	1	49	18.13	0.065	18.11	0.065	18.21	0.066
20	256QAM	1	99	18.14	0.065	18.04	0.064	18.01	0.063
20	256QAM	50	0	17.03	0.050	17.23	0.053	17.14	0.052
20	256QAM	50	24	16.93	0.049	17.10	0.051	17.17	0.052
20	256QAM	50	50	17.08	0.051	17.05	0.051	17.06	0.051
20	256QAM	100	0	16.97	0.050	17.11	0.051	17.01	0.050



LTE Band 7				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20825		21100		21375	
Frequency (MHz)				2507.5		2535		2562.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	23.37	0.217	23.41	0.219	23.31	0.214
15	QPSK	1	37	23.33	0.215	23.25	0.211	23.37	0.217
15	QPSK	1	74	23.20	0.209	23.32	0.215	23.27	0.212
15	QPSK	36	0	22.47	0.177	22.37	0.173	22.36	0.172
15	QPSK	36	20	22.21	0.166	22.33	0.171	22.26	0.168
15	QPSK	36	39	22.39	0.173	22.44	0.175	22.12	0.163
15	QPSK	75	0	22.25	0.168	22.39	0.173	22.20	0.166
15	16QAM	1	0	22.65	0.184	22.57	0.181	22.48	0.177
15	16QAM	1	37	22.43	0.175	22.60	0.182	22.45	0.176
15	16QAM	1	74	22.51	0.178	22.42	0.175	22.30	0.170
15	16QAM	36	0	21.43	0.139	21.42	0.139	21.54	0.143
15	16QAM	36	20	21.20	0.132	21.47	0.140	21.29	0.135
15	16QAM	36	39	21.34	0.136	21.47	0.140	21.39	0.138
15	16QAM	75	0	21.28	0.134	21.24	0.133	21.41	0.138
15	64QAM	1	0	21.39	0.138	21.36	0.137	21.36	0.137
15	64QAM	1	37	21.43	0.139	21.34	0.136	21.36	0.137
15	64QAM	1	74	21.18	0.131	21.22	0.132	21.18	0.131
15	64QAM	36	0	20.23	0.105	20.44	0.111	20.46	0.111
15	64QAM	36	20	20.15	0.104	20.34	0.108	20.32	0.108
15	64QAM	36	39	20.42	0.110	20.35	0.108	20.19	0.104
15	64QAM	75	0	20.22	0.105	20.42	0.110	20.30	0.107
15	256QAM	1	0	18.20	0.066	18.35	0.068	17.97	0.063
15	256QAM	1	37	17.96	0.063	18.12	0.065	18.04	0.064
15	256QAM	1	74	18.08	0.064	18.02	0.063	17.98	0.063
15	256QAM	36	0	17.01	0.050	17.16	0.052	17.11	0.051
15	256QAM	36	20	16.96	0.050	17.24	0.053	17.16	0.052
15	256QAM	36	39	17.16	0.052	17.06	0.051	16.92	0.049
15	256QAM	75	0	17.01	0.050	17.10	0.051	16.89	0.049



LTE Band 7				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20800		21100		21400	
Frequency (MHz)				2505		2535		2565	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	23.35	0.216	23.39	0.218	23.32	0.215
10	QPSK	1	25	23.35	0.216	23.26	0.212	23.34	0.216
10	QPSK	1	49	23.22	0.210	23.35	0.216	23.24	0.211
10	QPSK	25	0	22.37	0.173	22.37	0.173	22.48	0.177
10	QPSK	25	12	22.32	0.171	22.26	0.168	22.39	0.173
10	QPSK	25	25	22.20	0.166	22.35	0.172	22.25	0.168
10	QPSK	50	0	22.43	0.175	22.20	0.166	22.26	0.168
10	16QAM	1	0	22.51	0.178	22.61	0.182	22.46	0.176
10	16QAM	1	25	22.39	0.173	22.58	0.181	22.44	0.175
10	16QAM	1	49	22.49	0.177	22.51	0.178	22.32	0.171
10	16QAM	25	0	21.51	0.142	21.52	0.142	21.38	0.137
10	16QAM	25	12	21.21	0.132	21.36	0.137	21.36	0.137
10	16QAM	25	25	21.18	0.131	21.26	0.134	21.27	0.134
10	16QAM	50	0	21.33	0.136	21.21	0.132	21.40	0.138
10	64QAM	1	0	21.46	0.140	21.43	0.139	21.39	0.138
10	64QAM	1	25	21.42	0.139	21.36	0.137	21.24	0.133
10	64QAM	1	49	21.36	0.137	21.39	0.138	21.32	0.136
10	64QAM	25	0	20.31	0.107	20.54	0.113	20.45	0.111
10	64QAM	25	12	20.25	0.106	20.38	0.109	20.44	0.111
10	64QAM	25	25	20.41	0.110	20.39	0.109	20.28	0.107
10	64QAM	50	0	20.14	0.103	20.22	0.105	20.21	0.105
10	256QAM	1	0	18.16	0.065	18.37	0.069	18.04	0.064
10	256QAM	1	25	18.04	0.064	18.09	0.064	18.13	0.065
10	256QAM	1	49	18.19	0.066	18.00	0.063	18.01	0.063
10	256QAM	25	0	16.94	0.049	17.23	0.053	17.17	0.052
10	256QAM	25	12	17.04	0.051	17.21	0.053	17.16	0.052
10	256QAM	25	25	17.02	0.050	17.11	0.051	17.00	0.050
10	256QAM	50	0	16.99	0.050	17.13	0.052	16.85	0.048



LTE Band 7				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20775		21100		21425	
Frequency (MHz)				2502.5		2535		2567.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	23.34	0.216	23.36	0.217	23.24	0.211
5	QPSK	1	12	23.33	0.215	23.34	0.216	23.23	0.210
5	QPSK	1	24	23.30	0.214	23.29	0.213	23.20	0.209
5	QPSK	12	0	22.50	0.178	22.51	0.178	22.44	0.175
5	QPSK	12	7	22.35	0.172	22.34	0.171	22.39	0.173
5	QPSK	12	13	22.26	0.168	22.45	0.176	22.17	0.165
5	QPSK	25	0	22.25	0.168	22.37	0.173	22.22	0.167
5	16QAM	1	0	22.58	0.181	22.51	0.178	22.57	0.181
5	16QAM	1	12	22.49	0.177	22.45	0.176	22.51	0.178
5	16QAM	1	24	22.46	0.176	22.50	0.178	22.43	0.175
5	16QAM	12	0	21.44	0.139	21.59	0.144	21.37	0.137
5	16QAM	12	7	21.32	0.136	21.45	0.140	21.44	0.139
5	16QAM	12	13	21.23	0.133	21.30	0.135	21.36	0.137
5	16QAM	25	0	21.29	0.135	21.46	0.140	21.39	0.138
5	64QAM	1	0	21.51	0.142	21.51	0.142	21.42	0.139
5	64QAM	1	12	21.39	0.138	21.36	0.137	21.25	0.133
5	64QAM	1	24	21.23	0.133	21.37	0.137	21.15	0.130
5	64QAM	12	0	20.28	0.107	20.44	0.111	20.28	0.107
5	64QAM	12	7	20.24	0.106	20.34	0.108	20.48	0.112
5	64QAM	12	13	20.30	0.107	20.28	0.107	20.25	0.106
5	64QAM	25	0	20.17	0.104	20.29	0.107	20.36	0.109
5	256QAM	1	0	18.19	0.066	18.26	0.067	18.12	0.065
5	256QAM	1	12	18.12	0.065	18.18	0.066	18.22	0.066
5	256QAM	1	24	18.15	0.065	18.06	0.064	18.04	0.064
5	256QAM	12	0	17.08	0.051	17.24	0.053	17.17	0.052
5	256QAM	12	7	17.02	0.050	17.14	0.052	17.13	0.052
5	256QAM	12	13	17.10	0.051	17.13	0.052	16.94	0.049
5	256QAM	25	0	17.00	0.050	17.10	0.051	16.94	0.049



LTE Band 12				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23060		23095		23130	
Frequency (MHz)				704		707.5		711	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	18.10	0.065	18.19	0.066	18.13	0.065
10	QPSK	1	25	17.98	0.063	18.12	0.065	17.94	0.062
10	QPSK	1	49	18.07	0.064	17.98	0.063	17.95	0.062
10	QPSK	25	0	17.13	0.052	17.20	0.052	17.11	0.051
10	QPSK	25	12	16.97	0.050	17.05	0.051	16.98	0.050
10	QPSK	25	25	16.84	0.048	17.01	0.050	17.03	0.050
10	QPSK	50	0	16.91	0.049	17.02	0.050	16.88	0.049
10	16QAM	1	0	17.26	0.053	17.19	0.052	17.19	0.052
10	16QAM	1	25	17.25	0.053	17.26	0.053	17.24	0.053
10	16QAM	1	49	17.12	0.052	17.07	0.051	17.09	0.051
10	16QAM	25	0	15.98	0.040	16.08	0.041	16.06	0.040
10	16QAM	25	12	15.87	0.039	16.12	0.041	16.07	0.040
10	16QAM	25	25	15.99	0.040	15.94	0.039	16.12	0.041
10	16QAM	50	0	15.90	0.039	16.06	0.040	15.96	0.039
10	64QAM	1	0	16.07	0.040	16.04	0.040	16.18	0.041
10	64QAM	1	25	15.97	0.040	16.13	0.041	15.91	0.039
10	64QAM	1	49	16.03	0.040	15.94	0.039	15.92	0.039
10	64QAM	25	0	15.04	0.032	15.06	0.032	15.12	0.033
10	64QAM	25	12	14.87	0.031	15.01	0.032	15.10	0.032
10	64QAM	25	25	14.86	0.031	14.93	0.031	14.87	0.031
10	64QAM	50	0	14.81	0.030	14.94	0.031	14.86	0.031
10	256QAM	1	0	13.02	0.020	13.16	0.021	12.97	0.020
10	256QAM	1	25	12.88	0.019	13.12	0.021	13.04	0.020
10	256QAM	1	49	12.99	0.020	12.92	0.020	12.91	0.020
10	256QAM	25	0	11.95	0.016	12.14	0.016	12.03	0.016
10	256QAM	25	12	11.95	0.016	12.09	0.016	12.14	0.016
10	256QAM	25	25	11.91	0.016	12.03	0.016	11.86	0.015
10	256QAM	50	0	11.78	0.015	12.09	0.016	11.76	0.015



LTE Band 12				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23035		23095		23155	
Frequency (MHz)				701.5		707.5		713.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	18.06	0.064	18.16	0.065	18.06	0.064
5	QPSK	1	12	17.85	0.061	17.99	0.063	17.94	0.062
5	QPSK	1	24	17.94	0.062	17.94	0.062	17.83	0.061
5	QPSK	12	0	17.06	0.051	17.18	0.052	16.96	0.050
5	QPSK	12	7	16.94	0.049	17.04	0.051	17.09	0.051
5	QPSK	12	13	17.07	0.051	17.00	0.050	16.98	0.050
5	QPSK	25	0	16.90	0.049	17.01	0.050	16.96	0.050
5	16QAM	1	0	17.17	0.052	17.25	0.053	17.22	0.053
5	16QAM	1	12	17.25	0.053	17.30	0.054	17.11	0.051
5	16QAM	1	24	17.20	0.052	17.12	0.052	17.00	0.050
5	16QAM	12	0	16.15	0.041	16.10	0.041	16.15	0.041
5	16QAM	12	7	15.90	0.039	16.17	0.041	15.92	0.039
5	16QAM	12	13	15.85	0.038	15.95	0.039	15.96	0.039
5	16QAM	25	0	16.01	0.040	16.08	0.041	16.16	0.041
5	64QAM	1	0	16.19	0.042	16.19	0.042	16.13	0.041
5	64QAM	1	12	16.03	0.040	16.05	0.040	16.09	0.041
5	64QAM	1	24	15.85	0.038	16.03	0.040	15.83	0.038
5	64QAM	12	0	15.13	0.033	15.01	0.032	15.13	0.033
5	64QAM	12	7	14.93	0.031	15.06	0.032	14.99	0.032
5	64QAM	12	13	14.86	0.031	14.94	0.031	15.04	0.032
5	64QAM	25	0	14.98	0.031	14.87	0.031	14.95	0.031
5	256QAM	1	0	13.01	0.020	13.10	0.020	12.81	0.019
5	256QAM	1	12	12.82	0.019	13.07	0.020	13.06	0.020
5	256QAM	1	24	12.99	0.020	12.84	0.019	12.85	0.019
5	256QAM	12	0	11.93	0.016	12.14	0.016	11.96	0.016
5	256QAM	12	7	11.83	0.015	12.02	0.016	12.20	0.017
5	256QAM	12	13	12.06	0.016	11.86	0.015	11.91	0.016
5	256QAM	25	0	11.95	0.016	12.05	0.016	11.87	0.015



LTE Band 12				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23025		23095		23165	
Frequency (MHz)				700.5		707.5		714.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	18.09	0.064	18.15	0.065	18.06	0.064
3	QPSK	1	8	17.98	0.063	17.89	0.062	18.03	0.064
3	QPSK	1	14	17.87	0.061	17.99	0.063	17.87	0.061
3	QPSK	8	0	17.01	0.050	17.03	0.050	16.96	0.050
3	QPSK	8	4	17.07	0.051	17.13	0.052	16.90	0.049
3	QPSK	8	7	16.98	0.050	16.94	0.049	16.98	0.050
3	QPSK	15	0	17.09	0.051	16.93	0.049	17.04	0.051
3	16QAM	1	0	17.30	0.054	17.31	0.054	17.30	0.054
3	16QAM	1	8	17.10	0.051	17.29	0.054	17.07	0.051
3	16QAM	1	14	17.06	0.051	17.19	0.052	17.20	0.052
3	16QAM	8	0	16.13	0.041	16.26	0.042	16.24	0.042
3	16QAM	8	4	15.98	0.040	16.16	0.041	16.03	0.040
3	16QAM	8	7	15.99	0.040	16.08	0.041	16.08	0.041
3	16QAM	15	0	15.98	0.040	15.90	0.039	16.11	0.041
3	64QAM	1	0	15.99	0.040	16.17	0.041	16.17	0.041
3	64QAM	1	8	16.01	0.040	16.21	0.042	16.01	0.040
3	64QAM	1	14	16.05	0.040	15.97	0.040	15.95	0.039
3	64QAM	8	0	15.01	0.032	15.18	0.033	15.09	0.032
3	64QAM	8	4	14.99	0.032	14.91	0.031	15.11	0.032
3	64QAM	8	7	15.03	0.032	14.98	0.031	15.00	0.032
3	64QAM	15	0	14.82	0.030	15.03	0.032	14.86	0.031
3	256QAM	1	0	13.06	0.020	13.22	0.021	12.97	0.020
3	256QAM	1	8	12.88	0.019	13.10	0.020	13.19	0.021
3	256QAM	1	14	13.05	0.020	12.81	0.019	12.92	0.020
3	256QAM	8	0	11.84	0.015	12.05	0.016	11.92	0.016
3	256QAM	8	4	11.88	0.015	12.04	0.016	12.17	0.016
3	256QAM	8	7	11.99	0.016	12.00	0.016	11.84	0.015
3	256QAM	15	0	11.83	0.015	12.04	0.016	11.80	0.015



LTE Band 12				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23017		23095		23173	
Frequency (MHz)				699.7		707.5		715.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	18.05	0.064	18.13	0.065	18.01	0.063
1.4	QPSK	1	3	18.03	0.064	17.95	0.062	18.05	0.064
1.4	QPSK	1	5	17.90	0.062	18.01	0.063	17.99	0.063
1.4	QPSK	3	0	16.98	0.050	17.15	0.052	17.06	0.051
1.4	QPSK	3	1	16.87	0.049	16.99	0.050	16.99	0.050
1.4	QPSK	3	3	17.06	0.051	17.01	0.050	17.02	0.050
1.4	QPSK	6	0	16.90	0.049	17.10	0.051	17.00	0.050
1.4	16QAM	1	0	17.08	0.051	17.21	0.053	17.32	0.054
1.4	16QAM	1	3	17.19	0.052	17.27	0.053	17.23	0.053
1.4	16QAM	1	5	17.15	0.052	17.11	0.051	17.18	0.052
1.4	16QAM	3	0	16.00	0.040	16.03	0.040	16.24	0.042
1.4	16QAM	3	1	16.05	0.040	16.13	0.041	16.04	0.040
1.4	16QAM	3	3	15.87	0.039	16.16	0.041	16.02	0.040
1.4	16QAM	6	0	15.92	0.039	15.97	0.040	16.13	0.041
1.4	64QAM	1	0	15.96	0.039	16.15	0.041	16.15	0.041
1.4	64QAM	1	3	16.09	0.041	15.97	0.040	15.97	0.040
1.4	64QAM	1	5	15.96	0.039	15.86	0.039	15.85	0.038
1.4	64QAM	3	0	14.91	0.031	14.99	0.032	14.97	0.031
1.4	64QAM	3	1	14.83	0.030	15.04	0.032	14.97	0.031
1.4	64QAM	3	3	15.01	0.032	14.92	0.031	14.91	0.031
1.4	64QAM	6	0	14.82	0.030	15.01	0.032	14.95	0.031
1.4	256QAM	1	0	13.16	0.021	13.22	0.021	12.89	0.019
1.4	256QAM	1	3	12.86	0.019	13.03	0.020	13.05	0.020
1.4	256QAM	1	5	12.99	0.020	12.95	0.020	12.92	0.020
1.4	256QAM	3	0	11.82	0.015	12.15	0.016	12.08	0.016
1.4	256QAM	3	1	11.96	0.016	11.94	0.016	12.02	0.016
1.4	256QAM	3	3	11.93	0.016	11.86	0.015	11.86	0.015
1.4	256QAM	6	0	11.85	0.015	12.17	0.016	11.85	0.015



LTE Band 13				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				/		23230		/	
Frequency (MHz)				/		782		/	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	/	/	18.38	0.069	/	/
10	QPSK	1	25	/	/	18.29	0.067	/	/
10	QPSK	1	49	/	/	18.23	0.067	/	/
10	QPSK	25	0	/	/	17.53	0.057	/	/
10	QPSK	25	12	/	/	17.29	0.054	/	/
10	QPSK	25	25	/	/	17.40	0.055	/	/
10	QPSK	50	0	/	/	17.24	0.053	/	/
10	16QAM	1	0	/	/	17.44	0.055	/	/
10	16QAM	1	25	/	/	17.36	0.054	/	/
10	16QAM	1	49	/	/	17.37	0.055	/	/
10	16QAM	25	0	/	/	16.44	0.044	/	/
10	16QAM	25	12	/	/	16.37	0.043	/	/
10	16QAM	25	25	/	/	16.42	0.044	/	/
10	16QAM	50	0	/	/	16.34	0.043	/	/
10	64QAM	1	0	/	/	16.49	0.045	/	/
10	64QAM	1	25	/	/	16.26	0.042	/	/
10	64QAM	1	49	/	/	16.22	0.042	/	/
10	64QAM	25	0	/	/	15.42	0.035	/	/
10	64QAM	25	12	/	/	15.18	0.033	/	/
10	64QAM	25	25	/	/	15.35	0.034	/	/
10	64QAM	50	0	/	/	15.35	0.034	/	/
10	256QAM	1	0	/	/	13.23	0.021	/	/
10	256QAM	1	25	/	/	13.17	0.021	/	/
10	256QAM	1	49	/	/	13.01	0.020	/	/
10	256QAM	25	0	/	/	12.11	0.016	/	/
10	256QAM	25	12	/	/	12.03	0.016	/	/
10	256QAM	25	25	/	/	11.90	0.015	/	/
10	256QAM	50	0	/	/	12.18	0.017	/	/



LTE Band 13				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23205		23230		23255	
Frequency (MHz)				779.5		782		784.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	18.31	0.068	18.35	0.068	18.28	0.067
5	QPSK	1	12	18.13	0.065	18.19	0.066	18.27	0.067
5	QPSK	1	24	18.29	0.067	18.27	0.067	18.31	0.068
5	QPSK	12	0	17.42	0.055	17.46	0.056	17.37	0.055
5	QPSK	12	7	17.18	0.052	17.41	0.055	17.36	0.054
5	QPSK	12	13	17.13	0.052	17.21	0.053	17.21	0.053
5	QPSK	25	0	17.26	0.053	17.24	0.053	17.32	0.054
5	16QAM	1	0	17.51	0.056	17.67	0.058	17.52	0.056
5	16QAM	1	12	17.50	0.056	17.37	0.055	17.33	0.054
5	16QAM	1	24	17.50	0.056	17.37	0.055	17.52	0.056
5	16QAM	12	0	16.43	0.044	16.33	0.043	16.31	0.043
5	16QAM	12	7	16.26	0.042	16.38	0.043	16.27	0.042
5	16QAM	12	13	16.27	0.042	16.48	0.044	16.34	0.043
5	16QAM	25	0	16.34	0.043	16.36	0.043	16.27	0.042
5	64QAM	1	0	16.30	0.043	16.50	0.045	16.38	0.043
5	64QAM	1	12	16.21	0.042	16.47	0.044	16.27	0.042
5	64QAM	1	24	16.29	0.043	16.32	0.043	16.28	0.042
5	64QAM	12	0	15.23	0.033	15.48	0.035	15.24	0.033
5	64QAM	12	7	15.18	0.033	15.27	0.034	15.23	0.033
5	64QAM	12	13	15.31	0.034	15.38	0.035	15.27	0.034
5	64QAM	25	0	15.22	0.033	15.34	0.034	15.16	0.033
5	256QAM	1	0	13.14	0.021	13.15	0.021	12.88	0.019
5	256QAM	1	12	12.99	0.020	13.01	0.020	13.07	0.020
5	256QAM	1	24	12.94	0.020	12.83	0.019	12.79	0.019
5	256QAM	12	0	11.89	0.015	12.12	0.016	12.13	0.016
5	256QAM	12	7	11.85	0.015	11.96	0.016	12.15	0.016
5	256QAM	12	13	12.10	0.016	12.08	0.016	11.79	0.015
5	256QAM	25	0	11.90	0.015	12.14	0.016	11.86	0.015



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	18.03	0.064	18.10	0.065	18.01	0.063
10	QPSK	1	25	17.89	0.062	17.79	0.060	17.77	0.060
10	QPSK	1	49	17.83	0.061	17.87	0.061	17.86	0.061
10	QPSK	25	0	17.04	0.051	17.09	0.051	17.05	0.051
10	QPSK	25	12	16.93	0.049	16.81	0.048	16.95	0.050
10	QPSK	25	25	16.83	0.048	16.91	0.049	16.83	0.048
10	QPSK	50	0	16.85	0.048	16.76	0.047	16.84	0.048
10	16QAM	1	0	17.19	0.052	17.24	0.053	17.11	0.051
10	16QAM	1	25	17.06	0.051	16.96	0.050	17.11	0.051
10	16QAM	1	49	17.00	0.050	17.13	0.052	16.92	0.049
10	16QAM	25	0	15.90	0.039	16.10	0.041	16.09	0.041
10	16QAM	25	12	15.86	0.039	15.93	0.039	15.80	0.038
10	16QAM	25	25	15.83	0.038	16.02	0.040	15.81	0.038
10	16QAM	50	0	15.81	0.038	15.94	0.039	15.81	0.038
10	64QAM	1	0	15.97	0.040	16.04	0.040	15.96	0.039
10	64QAM	1	25	15.86	0.039	16.02	0.040	15.87	0.039
10	64QAM	1	49	15.80	0.038	15.88	0.039	15.78	0.038
10	64QAM	25	0	14.90	0.031	15.05	0.032	14.86	0.031
10	64QAM	25	12	14.74	0.030	14.77	0.030	14.86	0.031
10	64QAM	25	25	14.93	0.031	14.77	0.030	14.73	0.030
10	64QAM	50	0	14.80	0.030	14.74	0.030	14.67	0.029
10	256QAM	1	0	13.08	0.020	13.07	0.020	12.85	0.019
10	256QAM	1	25	12.99	0.020	13.09	0.020	12.99	0.020
10	256QAM	1	49	12.94	0.020	12.96	0.020	12.81	0.019
10	256QAM	25	0	11.90	0.015	12.05	0.016	12.08	0.016
10	256QAM	25	12	11.84	0.015	12.07	0.016	12.07	0.016
10	256QAM	25	25	12.03	0.016	11.89	0.015	11.88	0.015
10	256QAM	50	0	11.91	0.016	12.10	0.016	11.86	0.015



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	17.99	0.063	18.06	0.064	17.93	0.062
5	QPSK	1	12	17.85	0.061	17.75	0.060	17.74	0.059
5	QPSK	1	24	17.77	0.060	17.85	0.061	17.86	0.061
5	QPSK	12	0	16.84	0.048	17.02	0.050	16.92	0.049
5	QPSK	12	7	16.74	0.047	16.94	0.049	16.79	0.048
5	QPSK	12	13	16.80	0.048	16.90	0.049	16.84	0.048
5	QPSK	25	0	16.76	0.047	16.81	0.048	16.78	0.048
5	16QAM	1	0	17.18	0.052	17.05	0.051	17.03	0.050
5	16QAM	1	12	17.07	0.051	17.15	0.052	17.08	0.051
5	16QAM	1	24	16.87	0.049	16.99	0.050	16.91	0.049
5	16QAM	12	0	16.04	0.040	16.05	0.040	16.01	0.040
5	16QAM	12	7	15.76	0.038	15.97	0.040	15.95	0.039
5	16QAM	12	13	15.91	0.039	15.82	0.038	15.79	0.038
5	16QAM	25	0	15.79	0.038	15.80	0.038	15.83	0.038
5	64QAM	1	0	15.87	0.039	15.92	0.039	15.88	0.039
5	64QAM	1	12	15.95	0.039	16.00	0.040	15.96	0.039
5	64QAM	1	24	15.77	0.038	15.75	0.038	15.81	0.038
5	64QAM	12	0	14.98	0.031	14.99	0.032	14.91	0.031
5	64QAM	12	7	14.67	0.029	14.81	0.030	14.88	0.031
5	64QAM	12	13	14.91	0.031	14.99	0.032	14.88	0.031
5	64QAM	25	0	14.78	0.030	14.82	0.030	14.80	0.030
5	256QAM	1	0	13.11	0.020	13.12	0.021	12.95	0.020
5	256QAM	1	12	12.82	0.019	13.03	0.020	13.13	0.021
5	256QAM	1	24	12.90	0.019	12.80	0.019	12.77	0.019
5	256QAM	12	0	11.93	0.016	12.08	0.016	11.92	0.016
5	256QAM	12	7	11.86	0.015	12.00	0.016	12.05	0.016
5	256QAM	12	13	11.89	0.015	11.91	0.016	11.85	0.015
5	256QAM	25	0	11.86	0.015	12.01	0.016	11.79	0.015



LTE Band 25				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26140		26365		26590	
Frequency (MHz)				1860		1882.5		1905	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	25.31	0.340	25.35	0.343	25.27	0.337
20	QPSK	1	49	25.25	0.335	25.20	0.331	25.12	0.325
20	QPSK	1	99	25.13	0.326	25.08	0.322	25.17	0.329
20	QPSK	50	0	24.41	0.276	24.49	0.281	24.36	0.273
20	QPSK	50	24	24.30	0.269	24.35	0.272	24.34	0.272
20	QPSK	50	50	24.31	0.270	24.25	0.266	24.20	0.263
20	QPSK	100	0	24.21	0.264	24.39	0.275	24.34	0.272
20	16QAM	1	0	24.38	0.274	24.43	0.277	24.55	0.285
20	16QAM	1	49	24.36	0.273	24.35	0.272	24.50	0.282
20	16QAM	1	99	24.38	0.274	24.50	0.282	24.32	0.270
20	16QAM	50	0	23.43	0.220	23.37	0.217	23.35	0.216
20	16QAM	50	24	23.35	0.216	23.39	0.218	23.31	0.214
20	16QAM	50	50	23.12	0.205	23.31	0.214	23.15	0.207
20	16QAM	100	0	23.34	0.216	23.31	0.214	23.39	0.218
20	64QAM	1	0	23.36	0.217	23.35	0.216	23.35	0.216
20	64QAM	1	49	23.31	0.214	23.22	0.210	23.31	0.214
20	64QAM	1	99	23.28	0.213	23.35	0.216	23.31	0.214
20	64QAM	50	0	22.20	0.166	22.38	0.173	22.23	0.167
20	64QAM	50	24	22.12	0.163	22.09	0.162	22.29	0.169
20	64QAM	50	50	22.28	0.169	22.16	0.164	22.25	0.168
20	64QAM	100	0	22.21	0.166	22.13	0.163	22.28	0.169
20	256QAM	1	0	20.23	0.105	20.43	0.110	20.19	0.104
20	256QAM	1	49	20.13	0.103	20.29	0.107	20.34	0.108
20	256QAM	1	99	20.15	0.104	20.07	0.102	20.08	0.102
20	256QAM	50	0	19.05	0.080	19.34	0.086	19.18	0.083
20	256QAM	50	24	19.06	0.081	19.21	0.083	19.26	0.084
20	256QAM	50	50	19.11	0.081	19.10	0.081	19.13	0.082
20	256QAM	100	0	19.07	0.081	19.18	0.083	19.06	0.081



LTE Band 25				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26115		26365		26615	
Frequency (MHz)				1857.5		1882.5		1907.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	25.28	0.337	25.31	0.340	25.26	0.336
15	QPSK	1	37	25.23	0.333	25.27	0.337	25.14	0.327
15	QPSK	1	74	25.24	0.334	25.08	0.322	25.08	0.322
15	QPSK	36	0	24.25	0.266	24.43	0.277	24.41	0.276
15	QPSK	36	20	24.25	0.266	24.29	0.269	24.17	0.261
15	QPSK	36	39	24.29	0.269	24.32	0.270	24.15	0.260
15	QPSK	75	0	24.29	0.269	24.20	0.263	24.14	0.259
15	16QAM	1	0	24.43	0.277	24.49	0.281	24.45	0.279
15	16QAM	1	37	24.34	0.272	24.44	0.278	24.28	0.268
15	16QAM	1	74	24.42	0.277	24.33	0.271	24.25	0.266
15	16QAM	36	0	23.39	0.218	23.34	0.216	23.41	0.219
15	16QAM	36	20	23.30	0.214	23.45	0.221	23.38	0.218
15	16QAM	36	39	23.10	0.204	23.44	0.221	23.23	0.210
15	16QAM	75	0	23.14	0.206	23.22	0.210	23.43	0.220
15	64QAM	1	0	23.39	0.218	23.28	0.213	23.28	0.213
15	64QAM	1	37	23.29	0.213	23.46	0.222	23.22	0.210
15	64QAM	1	74	23.28	0.213	23.18	0.208	23.30	0.214
15	64QAM	36	0	22.21	0.166	22.39	0.173	22.33	0.171
15	64QAM	36	20	22.14	0.164	22.15	0.164	22.28	0.169
15	64QAM	36	39	22.15	0.164	22.40	0.174	22.12	0.163
15	64QAM	75	0	22.11	0.163	22.36	0.172	22.30	0.170
15	256QAM	1	0	20.16	0.104	20.28	0.107	20.06	0.101
15	256QAM	1	37	19.99	0.100	20.25	0.106	20.24	0.106
15	256QAM	1	74	20.17	0.104	20.01	0.100	20.07	0.102
15	256QAM	36	0	19.08	0.081	19.30	0.085	19.09	0.081
15	256QAM	36	20	19.06	0.081	19.22	0.084	19.17	0.083
15	256QAM	36	39	19.09	0.081	19.20	0.083	18.99	0.079
15	256QAM	75	0	19.02	0.080	19.28	0.085	18.97	0.079



LTE Band 25				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26090		26365		26640	
Frequency (MHz)				1855		1882.5		1910	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	25.28	0.337	25.30	0.339	25.25	0.335
10	QPSK	1	25	25.19	0.330	25.27	0.337	25.12	0.325
10	QPSK	1	49	25.23	0.333	25.25	0.335	25.20	0.331
10	QPSK	25	0	24.34	0.272	24.48	0.281	24.25	0.266
10	QPSK	25	12	24.16	0.261	24.36	0.273	24.38	0.274
10	QPSK	25	25	24.16	0.261	24.19	0.262	24.21	0.264
10	QPSK	50	0	24.20	0.263	24.30	0.269	24.24	0.265
10	16QAM	1	0	24.56	0.286	24.58	0.287	24.48	0.281
10	16QAM	1	25	24.55	0.285	24.40	0.275	24.37	0.274
10	16QAM	1	49	24.44	0.278	24.47	0.280	24.30	0.269
10	16QAM	25	0	23.24	0.211	23.46	0.222	23.45	0.221
10	16QAM	25	12	23.14	0.206	23.36	0.217	23.21	0.209
10	16QAM	25	25	23.30	0.214	23.39	0.218	23.16	0.207
10	16QAM	50	0	23.31	0.214	23.40	0.219	23.41	0.219
10	64QAM	1	0	23.33	0.215	23.34	0.216	23.28	0.213
10	64QAM	1	25	23.15	0.207	23.43	0.220	23.32	0.215
10	64QAM	1	49	23.18	0.208	23.18	0.208	23.17	0.207
10	64QAM	25	0	22.21	0.166	22.33	0.171	22.27	0.169
10	64QAM	25	12	22.17	0.165	22.30	0.170	22.29	0.169
10	64QAM	25	25	22.29	0.169	22.25	0.168	22.27	0.169
10	64QAM	50	0	22.16	0.164	22.29	0.169	22.07	0.161
10	256QAM	1	0	20.32	0.108	20.24	0.106	20.13	0.103
10	256QAM	1	25	20.03	0.101	20.21	0.105	20.29	0.107
10	256QAM	1	49	20.15	0.104	19.99	0.100	19.97	0.099
10	256QAM	25	0	19.03	0.080	19.29	0.085	19.20	0.083
10	256QAM	25	12	19.07	0.081	19.26	0.084	19.22	0.084
10	256QAM	25	25	19.12	0.082	19.16	0.082	19.17	0.083
10	256QAM	50	0	19.14	0.082	19.19	0.083	19.08	0.081



LTE Band 25				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26065		26365		26665	
Frequency (MHz)				1852.5		1882.5		1912.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	25.24	0.334	25.32	0.340	25.25	0.335
5	QPSK	1	12	25.20	0.331	25.29	0.338	25.08	0.322
5	QPSK	1	24	25.14	0.327	25.18	0.330	25.24	0.334
5	QPSK	12	0	24.44	0.278	24.48	0.281	24.43	0.277
5	QPSK	12	7	24.28	0.268	24.43	0.277	24.37	0.274
5	QPSK	12	13	24.22	0.264	24.36	0.273	24.19	0.262
5	QPSK	25	0	24.28	0.268	24.17	0.261	24.23	0.265
5	16QAM	1	0	24.44	0.278	24.46	0.279	24.38	0.274
5	16QAM	1	12	24.30	0.269	24.43	0.277	24.48	0.281
5	16QAM	1	24	24.25	0.266	24.38	0.274	24.30	0.269
5	16QAM	12	0	23.27	0.212	23.45	0.221	23.50	0.224
5	16QAM	12	7	23.24	0.211	23.48	0.223	23.25	0.211
5	16QAM	12	13	23.31	0.214	23.39	0.218	23.26	0.212
5	16QAM	25	0	23.19	0.208	23.20	0.209	23.19	0.208
5	64QAM	1	0	23.33	0.215	23.45	0.221	23.36	0.217
5	64QAM	1	12	23.27	0.212	23.28	0.213	23.25	0.211
5	64QAM	1	24	23.23	0.210	23.15	0.207	23.12	0.205
5	64QAM	12	0	22.36	0.172	22.42	0.175	22.42	0.175
5	64QAM	12	7	22.25	0.168	22.21	0.166	22.31	0.170
5	64QAM	12	13	22.35	0.172	22.28	0.169	22.13	0.163
5	64QAM	25	0	22.07	0.161	22.11	0.163	22.28	0.169
5	256QAM	1	0	20.32	0.108	20.24	0.106	20.15	0.104
5	256QAM	1	12	20.14	0.103	20.19	0.104	20.26	0.106
5	256QAM	1	24	20.14	0.103	20.14	0.103	20.09	0.102
5	256QAM	12	0	19.06	0.081	19.35	0.086	19.19	0.083
5	256QAM	12	7	19.16	0.082	19.27	0.085	19.33	0.086
5	256QAM	12	13	19.07	0.081	19.13	0.082	19.13	0.082
5	256QAM	25	0	19.11	0.081	19.14	0.082	18.95	0.079



LTE Band 25				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26055		26365		26675	
Frequency (MHz)				1851.5		1882.5		1913.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	25.26	0.336	25.29	0.338	25.20	0.331
3	QPSK	1	8	25.17	0.329	25.27	0.337	25.11	0.324
3	QPSK	1	14	25.17	0.329	25.23	0.333	25.20	0.331
3	QPSK	8	0	24.24	0.265	24.30	0.269	24.35	0.272
3	QPSK	8	4	24.36	0.273	24.28	0.268	24.38	0.274
3	QPSK	8	7	24.20	0.263	24.33	0.271	24.09	0.256
3	QPSK	15	0	24.18	0.262	24.35	0.272	24.10	0.257
3	16QAM	1	0	24.38	0.274	24.46	0.279	24.37	0.274
3	16QAM	1	8	24.34	0.272	24.47	0.280	24.43	0.277
3	16QAM	1	14	24.23	0.265	24.33	0.271	24.29	0.269
3	16QAM	8	0	23.45	0.221	23.46	0.222	23.30	0.214
3	16QAM	8	4	23.13	0.206	23.25	0.211	23.42	0.220
3	16QAM	8	7	23.17	0.207	23.34	0.216	23.36	0.217
3	16QAM	15	0	23.23	0.210	23.21	0.209	23.24	0.211
3	64QAM	1	0	23.27	0.212	23.46	0.222	23.35	0.216
3	64QAM	1	8	23.23	0.210	23.31	0.214	23.33	0.215
3	64QAM	1	14	23.29	0.213	23.27	0.212	23.11	0.205
3	64QAM	8	0	22.26	0.168	22.39	0.173	22.38	0.173
3	64QAM	8	4	22.12	0.163	22.09	0.162	22.20	0.166
3	64QAM	8	7	22.25	0.168	22.29	0.169	22.16	0.164
3	64QAM	15	0	22.19	0.166	22.20	0.166	22.09	0.162
3	256QAM	1	0	20.34	0.108	20.42	0.110	20.02	0.100
3	256QAM	1	8	20.13	0.103	20.34	0.108	20.32	0.108
3	256QAM	1	14	20.24	0.106	20.13	0.103	20.11	0.103
3	256QAM	8	0	19.13	0.082	19.34	0.086	19.08	0.081
3	256QAM	8	4	19.14	0.082	19.19	0.083	19.26	0.084
3	256QAM	8	7	19.21	0.083	19.07	0.081	19.15	0.082
3	256QAM	15	0	19.11	0.081	19.31	0.085	19.03	0.080



LTE Band 25				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26047		26365		26683	
Frequency (MHz)				1850.7		1882.5		1914.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	25.22	0.333	25.27	0.337	25.24	0.334
1.4	QPSK	1	3	25.11	0.324	25.10	0.324	25.18	0.330
1.4	QPSK	1	5	25.10	0.324	25.05	0.320	25.16	0.328
1.4	QPSK	3	0	24.37	0.274	24.32	0.270	24.32	0.270
1.4	QPSK	3	1	24.24	0.265	24.42	0.277	24.40	0.275
1.4	QPSK	3	3	24.28	0.268	24.25	0.266	24.09	0.256
1.4	QPSK	6	0	24.27	0.267	24.35	0.272	24.20	0.263
1.4	16QAM	1	0	24.32	0.270	24.42	0.277	24.33	0.271
1.4	16QAM	1	3	24.36	0.273	24.34	0.272	24.34	0.272
1.4	16QAM	1	5	24.38	0.274	24.54	0.284	24.39	0.275
1.4	16QAM	3	0	23.44	0.221	23.45	0.221	23.34	0.216
1.4	16QAM	3	1	23.26	0.212	23.42	0.220	23.26	0.212
1.4	16QAM	3	3	23.10	0.204	23.31	0.214	23.37	0.217
1.4	16QAM	6	0	23.23	0.210	23.16	0.207	23.21	0.209
1.4	64QAM	1	0	23.28	0.213	23.37	0.217	23.33	0.215
1.4	64QAM	1	3	23.30	0.214	23.45	0.221	23.28	0.213
1.4	64QAM	1	5	23.28	0.213	23.26	0.212	23.21	0.209
1.4	64QAM	3	0	22.39	0.173	22.42	0.175	22.22	0.167
1.4	64QAM	3	1	22.16	0.164	22.31	0.170	22.44	0.175
1.4	64QAM	3	3	22.20	0.166	22.21	0.166	22.37	0.173
1.4	64QAM	6	0	22.18	0.165	22.19	0.166	22.29	0.169
1.4	256QAM	1	0	20.14	0.103	20.37	0.109	20.09	0.102
1.4	256QAM	1	3	20.02	0.100	20.24	0.106	20.36	0.109
1.4	256QAM	1	5	20.12	0.103	19.99	0.100	20.00	0.100
1.4	256QAM	3	0	18.98	0.079	19.12	0.082	19.16	0.082
1.4	256QAM	3	1	19.01	0.080	19.11	0.081	19.33	0.086
1.4	256QAM	3	3	19.13	0.082	19.20	0.083	19.11	0.081
1.4	256QAM	6	0	19.00	0.079	19.16	0.082	18.93	0.078



LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26865		26915		26965	
Frequency (MHz)				831.5		836.5		841.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	18.89	0.077	18.80	0.076	18.90	0.078
15	QPSK	1	37	18.99	0.079	18.92	0.078	18.97	0.079
15	QPSK	1	74	18.82	0.076	18.81	0.076	18.74	0.075
15	QPSK	36	0	18.30	0.068	18.17	0.066	18.24	0.067
15	QPSK	36	20	18.25	0.067	18.12	0.065	18.22	0.066
15	QPSK	36	39	18.27	0.067	18.03	0.064	18.19	0.066
15	QPSK	75	0	18.25	0.067	18.22	0.066	18.30	0.068
15	16QAM	1	0	18.01	0.063	17.89	0.062	17.98	0.063
15	16QAM	1	37	17.98	0.063	17.89	0.062	17.81	0.060
15	16QAM	1	74	17.70	0.059	17.84	0.061	17.69	0.059
15	16QAM	36	0	17.11	0.051	17.12	0.052	17.22	0.053
15	16QAM	36	20	17.18	0.052	17.11	0.051	17.17	0.052
15	16QAM	36	39	17.15	0.052	17.12	0.052	17.13	0.052
15	16QAM	75	0	17.23	0.053	17.08	0.051	17.35	0.054
15	64QAM	1	0	16.86	0.049	16.77	0.048	16.88	0.049
15	64QAM	1	37	16.90	0.049	16.74	0.047	16.95	0.050
15	64QAM	1	74	16.84	0.048	16.65	0.046	16.67	0.046
15	64QAM	36	0	16.32	0.043	16.19	0.042	16.13	0.041
15	64QAM	36	20	16.22	0.042	16.09	0.041	16.27	0.042
15	64QAM	36	39	16.20	0.042	16.16	0.041	16.18	0.041
15	64QAM	75	0	16.25	0.042	16.16	0.041	16.31	0.043
15	256QAM	1	0	14.28	0.027	14.15	0.026	14.03	0.025
15	256QAM	1	37	14.25	0.027	14.25	0.027	14.16	0.026
15	256QAM	1	74	14.22	0.026	14.13	0.026	14.16	0.026
15	256QAM	36	0	14.20	0.026	14.18	0.026	14.18	0.026
15	256QAM	36	20	14.17	0.026	14.15	0.026	14.17	0.026
15	256QAM	36	39	14.20	0.026	14.20	0.026	14.17	0.026
15	256QAM	75	0	14.23	0.026	14.20	0.026	14.27	0.027



LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26840		26915		26990	
Frequency (MHz)				829.0		836.5		844.0	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	19.10	0.081	19.02	0.080	19.08	0.081
10	QPSK	1	25	19.15	0.082	19.10	0.081	19.04	0.080
10	QPSK	1	49	19.09	0.081	19.02	0.080	19.01	0.080
10	QPSK	25	0	18.42	0.070	18.36	0.069	18.30	0.068
10	QPSK	25	12	18.45	0.070	18.36	0.069	18.32	0.068
10	QPSK	25	25	18.38	0.069	18.42	0.070	18.34	0.068
10	QPSK	50	0	18.51	0.071	18.33	0.068	18.39	0.069
10	16QAM	1	0	18.27	0.067	18.01	0.063	18.11	0.065
10	16QAM	1	25	18.12	0.065	18.05	0.064	18.16	0.065
10	16QAM	1	49	18.09	0.064	18.05	0.064	17.94	0.062
10	16QAM	25	0	17.44	0.055	17.26	0.053	17.29	0.054
10	16QAM	25	12	17.53	0.057	17.27	0.053	17.21	0.053
10	16QAM	25	25	17.45	0.056	17.33	0.054	17.40	0.055
10	16QAM	50	0	17.44	0.055	17.31	0.054	17.29	0.054
10	64QAM	1	0	17.03	0.050	16.99	0.050	16.88	0.049
10	64QAM	1	25	17.08	0.051	17.00	0.050	17.02	0.050
10	64QAM	1	49	16.93	0.049	16.95	0.050	16.95	0.050
10	64QAM	25	0	16.42	0.044	16.34	0.043	16.27	0.042
10	64QAM	25	12	16.49	0.045	16.28	0.042	16.25	0.042
10	64QAM	25	25	16.46	0.044	16.39	0.044	16.35	0.043
10	64QAM	50	0	16.45	0.044	16.32	0.043	16.34	0.043
10	256QAM	1	0	14.29	0.027	14.29	0.027	14.32	0.027
10	256QAM	1	25	14.46	0.028	14.49	0.028	14.42	0.028
10	256QAM	1	49	14.41	0.028	14.28	0.027	14.19	0.026
10	256QAM	25	0	14.39	0.027	14.34	0.027	14.31	0.027
10	256QAM	25	12	14.51	0.028	14.34	0.027	14.31	0.027
10	256QAM	25	25	14.39	0.027	14.38	0.027	14.36	0.027
10	256QAM	50	0	14.41	0.028	14.33	0.027	14.29	0.027



LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26815		26915		27015	
Frequency (MHz)				826.5		836.5		846.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	19.05	0.080	19.08	0.081	19.02	0.080
5	QPSK	1	12	19.08	0.081	19.11	0.081	19.02	0.080
5	QPSK	1	24	18.94	0.078	19.01	0.080	18.91	0.078
5	QPSK	12	0	18.37	0.069	18.35	0.068	18.28	0.067
5	QPSK	12	7	18.51	0.071	18.26	0.067	18.30	0.068
5	QPSK	12	13	18.45	0.070	18.41	0.069	18.31	0.068
5	QPSK	25	0	18.44	0.070	18.23	0.067	18.12	0.065
5	16QAM	1	0	18.14	0.065	18.08	0.064	17.99	0.063
5	16QAM	1	12	18.20	0.066	18.10	0.065	18.09	0.064
5	16QAM	1	24	18.04	0.064	18.17	0.066	18.03	0.064
5	16QAM	12	0	17.37	0.055	17.18	0.052	17.16	0.052
5	16QAM	12	7	17.49	0.056	17.25	0.053	17.21	0.053
5	16QAM	12	13	17.49	0.056	17.35	0.054	17.18	0.052
5	16QAM	25	0	17.47	0.056	17.16	0.052	17.20	0.052
5	64QAM	1	0	17.09	0.051	16.97	0.050	17.05	0.051
5	64QAM	1	12	17.05	0.051	16.97	0.050	17.02	0.050
5	64QAM	1	24	17.01	0.050	16.97	0.050	16.97	0.050
5	64QAM	12	0	16.37	0.043	16.26	0.042	16.25	0.042
5	64QAM	12	7	16.51	0.045	16.26	0.042	16.23	0.042
5	64QAM	12	13	16.47	0.044	16.44	0.044	16.27	0.042
5	64QAM	25	0	16.42	0.044	16.13	0.041	16.22	0.042
5	256QAM	1	0	14.29	0.027	14.25	0.027	14.22	0.026
5	256QAM	1	12	14.47	0.028	14.34	0.027	14.25	0.027
5	256QAM	1	24	14.30	0.027	14.22	0.026	14.21	0.026
5	256QAM	12	0	14.29	0.027	14.30	0.027	14.27	0.027
5	256QAM	12	7	14.36	0.027	14.30	0.027	14.26	0.027
5	256QAM	12	13	14.42	0.028	14.36	0.027	14.24	0.027
5	256QAM	25	0	14.36	0.027	14.28	0.027	14.27	0.027



LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26805		26915		27025	
Frequency (MHz)				825.5		836.5		847.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	19.06	0.081	19.03	0.080	18.95	0.079
3	QPSK	1	8	19.12	0.082	19.11	0.081	19.03	0.080
3	QPSK	1	14	18.94	0.078	19.00	0.079	19.00	0.079
3	QPSK	8	0	18.41	0.069	18.18	0.066	18.18	0.066
3	QPSK	8	4	18.44	0.070	18.19	0.066	18.38	0.069
3	QPSK	8	7	18.44	0.070	18.34	0.068	18.20	0.066
3	QPSK	15	0	18.42	0.070	18.24	0.067	18.13	0.065
3	16QAM	1	0	17.93	0.062	17.98	0.063	18.19	0.066
3	16QAM	1	8	18.04	0.064	18.03	0.064	18.08	0.064
3	16QAM	1	14	18.15	0.065	18.06	0.064	17.96	0.063
3	16QAM	8	0	17.39	0.055	17.29	0.054	17.15	0.052
3	16QAM	8	4	17.39	0.055	17.22	0.053	17.25	0.053
3	16QAM	8	7	17.41	0.055	17.16	0.052	17.27	0.053
3	16QAM	15	0	17.39	0.055	17.27	0.053	17.14	0.052
3	64QAM	1	0	17.08	0.051	16.96	0.050	16.91	0.049
3	64QAM	1	8	17.08	0.051	16.89	0.049	17.01	0.050
3	64QAM	1	14	16.97	0.050	16.83	0.048	16.82	0.048
3	64QAM	8	0	16.48	0.044	16.23	0.042	16.25	0.042
3	64QAM	8	4	16.39	0.044	16.25	0.042	16.34	0.043
3	64QAM	8	7	16.46	0.044	16.38	0.043	16.24	0.042
3	64QAM	15	0	16.44	0.044	16.25	0.042	16.18	0.041
3	256QAM	1	0	14.27	0.027	14.08	0.026	14.22	0.026
3	256QAM	1	8	14.32	0.027	14.32	0.027	14.32	0.027
3	256QAM	1	14	14.30	0.027	14.26	0.027	14.18	0.026
3	256QAM	8	0	14.49	0.028	14.23	0.026	14.16	0.026
3	256QAM	8	4	14.45	0.028	14.29	0.027	14.33	0.027
3	256QAM	8	7	14.43	0.028	14.39	0.027	14.24	0.027
3	256QAM	15	0	14.42	0.028	14.24	0.027	14.19	0.026



LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26797		26915		27033	
Frequency (MHz)				824.7		836.5		848.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	19.00	0.079	19.01	0.080	18.93	0.078
1.4	QPSK	1	3	19.07	0.081	19.04	0.080	18.93	0.078
1.4	QPSK	1	5	19.00	0.079	18.97	0.079	18.90	0.078
1.4	QPSK	3	0	18.98	0.079	19.01	0.080	18.95	0.079
1.4	QPSK	3	1	19.04	0.080	19.01	0.080	18.97	0.079
1.4	QPSK	3	3	19.03	0.080	19.03	0.080	18.92	0.078
1.4	QPSK	6	0	18.08	0.064	18.29	0.067	18.17	0.066
1.4	16QAM	1	0	18.07	0.064	18.03	0.064	17.93	0.062
1.4	16QAM	1	3	18.13	0.065	17.87	0.061	18.03	0.064
1.4	16QAM	1	5	18.17	0.066	17.89	0.062	17.90	0.062
1.4	16QAM	3	0	17.99	0.063	18.00	0.063	17.89	0.062
1.4	16QAM	3	1	17.92	0.062	17.94	0.062	17.89	0.062
1.4	16QAM	3	3	17.97	0.063	17.99	0.063	17.89	0.062
1.4	16QAM	6	0	17.19	0.052	17.14	0.052	17.30	0.054
1.4	64QAM	1	0	17.86	0.061	17.08	0.051	16.73	0.047
1.4	64QAM	1	3	17.97	0.063	17.01	0.050	16.94	0.049
1.4	64QAM	1	5	17.83	0.061	16.89	0.049	16.99	0.050
1.4	64QAM	3	0	17.94	0.062	16.99	0.050	16.87	0.049
1.4	64QAM	3	1	17.94	0.062	16.94	0.049	16.91	0.049
1.4	64QAM	3	3	17.90	0.062	16.85	0.048	16.98	0.050
1.4	64QAM	6	0	17.23	0.053	16.15	0.041	16.29	0.043
1.4	256QAM	1	0	14.31	0.027	14.23	0.026	14.15	0.026
1.4	256QAM	1	3	14.36	0.027	14.19	0.026	14.24	0.027
1.4	256QAM	1	5	14.25	0.027	14.22	0.026	14.19	0.026
1.4	256QAM	3	0	14.41	0.028	14.22	0.026	14.27	0.027
1.4	256QAM	3	1	14.42	0.028	14.27	0.027	14.20	0.026
1.4	256QAM	3	3	14.39	0.027	14.27	0.027	14.31	0.027
1.4	256QAM	6	0	14.25	0.027	14.22	0.026	14.27	0.027



LTE Band 30				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				/		27710		/	
Frequency (MHz)				/		2310		/	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	/	/	20.65	0.116	/	/
10	QPSK	1	25	/	/	20.64	0.116	/	/
10	QPSK	1	49	/	/	20.47	0.111	/	/
10	QPSK	25	0	/	/	19.78	0.095	/	/
10	QPSK	25	12	/	/	19.63	0.092	/	/
10	QPSK	25	25	/	/	19.68	0.093	/	/
10	QPSK	50	0	/	/	19.64	0.092	/	/
10	16QAM	1	0	/	/	19.93	0.098	/	/
10	16QAM	1	25	/	/	19.77	0.095	/	/
10	16QAM	1	49	/	/	19.79	0.095	/	/
10	16QAM	25	0	/	/	18.73	0.075	/	/
10	16QAM	25	12	/	/	18.77	0.075	/	/
10	16QAM	25	25	/	/	18.66	0.073	/	/
10	16QAM	50	0	/	/	18.70	0.074	/	/
10	64QAM	1	0	/	/	18.80	0.076	/	/
10	64QAM	1	25	/	/	18.59	0.072	/	/
10	64QAM	1	49	/	/	18.59	0.072	/	/
10	64QAM	25	0	/	/	17.78	0.060	/	/
10	64QAM	25	12	/	/	17.57	0.057	/	/
10	64QAM	25	25	/	/	17.69	0.059	/	/
10	64QAM	50	0	/	/	17.51	0.056	/	/
10	256QAM	1	0	/	/	15.65	0.037	/	/
10	256QAM	1	25	/	/	15.42	0.035	/	/
10	256QAM	1	49	/	/	15.21	0.033	/	/
10	256QAM	25	0	/	/	14.65	0.029	/	/
10	256QAM	25	12	/	/	14.40	0.028	/	/
10	256QAM	25	25	/	/	14.44	0.028	/	/
10	256QAM	50	0	/	/	14.50	0.028	/	/



LTE Band 30				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				27685		27710		27735	
Frequency (MHz)				2307.5		2310		2312.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	20.48	0.112	20.62	0.115	20.54	0.113
5	QPSK	1	12	20.55	0.114	20.56	0.114	20.51	0.112
5	QPSK	1	24	20.54	0.113	20.50	0.112	20.55	0.114
5	QPSK	12	0	19.70	0.093	19.77	0.095	19.77	0.095
5	QPSK	12	7	19.58	0.091	19.78	0.095	19.68	0.093
5	QPSK	12	13	19.49	0.089	19.75	0.094	19.52	0.090
5	QPSK	25	0	19.52	0.090	19.57	0.091	19.46	0.088
5	16QAM	1	0	19.71	0.094	19.81	0.096	19.82	0.096
5	16QAM	1	12	19.76	0.095	19.68	0.093	19.76	0.095
5	16QAM	1	24	19.68	0.093	19.75	0.094	19.66	0.092
5	16QAM	12	0	18.58	0.072	18.64	0.073	18.76	0.075
5	16QAM	12	7	18.49	0.071	18.67	0.074	18.66	0.073
5	16QAM	12	13	18.44	0.070	18.63	0.073	18.70	0.074
5	16QAM	25	0	18.58	0.072	18.61	0.073	18.59	0.072
5	64QAM	1	0	18.80	0.076	18.83	0.076	18.73	0.075
5	64QAM	1	12	18.70	0.074	18.68	0.074	18.56	0.072
5	64QAM	1	24	18.49	0.071	18.50	0.071	18.63	0.073
5	64QAM	12	0	17.50	0.056	17.72	0.059	17.64	0.058
5	64QAM	12	7	17.64	0.058	17.62	0.058	17.73	0.059
5	64QAM	12	13	17.44	0.055	17.70	0.059	17.58	0.057
5	64QAM	25	0	17.57	0.057	17.54	0.057	17.62	0.058
5	256QAM	1	0	15.50	0.035	15.63	0.037	15.28	0.034
5	256QAM	1	12	15.26	0.034	15.47	0.035	15.45	0.035
5	256QAM	1	24	15.35	0.034	15.29	0.034	15.31	0.034
5	256QAM	12	0	14.26	0.027	14.55	0.029	14.40	0.028
5	256QAM	12	7	14.36	0.027	14.46	0.028	14.47	0.028
5	256QAM	12	13	14.49	0.028	14.30	0.027	14.26	0.027
5	256QAM	25	0	14.31	0.027	14.47	0.028	14.24	0.027



LTE Band 38				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				37850		38000		38150	
Frequency (MHz)				2580		2595		2610	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	23.09	0.204	23.26	0.212	23.06	0.202
20	QPSK	1	49	23.16	0.207	23.11	0.205	23.03	0.201
20	QPSK	1	99	23.03	0.201	23.06	0.202	22.99	0.199
20	QPSK	50	0	22.23	0.167	22.30	0.170	22.21	0.166
20	QPSK	50	24	22.15	0.164	22.26	0.168	22.19	0.166
20	QPSK	50	50	22.24	0.167	22.23	0.167	22.03	0.160
20	QPSK	100	0	22.20	0.166	22.21	0.166	22.21	0.166
20	16QAM	1	0	22.28	0.169	22.42	0.175	22.43	0.175
20	16QAM	1	49	22.34	0.171	22.49	0.177	22.42	0.175
20	16QAM	1	99	22.31	0.170	22.41	0.174	22.27	0.169
20	16QAM	50	0	21.28	0.134	21.32	0.136	21.27	0.134
20	16QAM	50	24	21.07	0.128	21.36	0.137	21.17	0.131
20	16QAM	50	50	21.18	0.131	21.26	0.134	21.15	0.130
20	16QAM	100	0	21.14	0.130	21.22	0.132	21.32	0.136
20	64QAM	1	0	21.28	0.134	21.31	0.135	21.23	0.133
20	64QAM	1	49	21.16	0.131	21.29	0.135	21.26	0.134
20	64QAM	1	99	21.26	0.134	21.19	0.132	21.05	0.127
20	64QAM	50	0	20.23	0.105	20.39	0.109	20.24	0.106
20	64QAM	50	24	20.15	0.104	20.20	0.105	20.26	0.106
20	64QAM	50	50	20.27	0.106	20.25	0.106	20.08	0.102
20	64QAM	100	0	20.20	0.105	20.24	0.106	20.00	0.100
20	256QAM	1	0	18.21	0.066	18.27	0.067	18.04	0.064
20	256QAM	1	49	18.13	0.065	18.28	0.067	18.20	0.066
20	256QAM	1	99	18.28	0.067	18.12	0.065	18.01	0.063
20	256QAM	50	0	17.18	0.052	17.42	0.055	17.10	0.051
20	256QAM	50	24	17.17	0.052	17.18	0.052	17.34	0.054
20	256QAM	50	50	17.25	0.053	17.17	0.052	17.01	0.050
20	256QAM	100	0	17.21	0.053	17.27	0.053	17.17	0.052



LTE Band 38				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				37825		38000		38175	
Frequency (MHz)				2577.5		2595		2612.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	23.14	0.206	23.23	0.210	23.19	0.208
15	QPSK	1	37	23.02	0.200	23.10	0.204	23.01	0.200
15	QPSK	1	74	23.03	0.201	23.20	0.209	23.01	0.200
15	QPSK	36	0	22.23	0.167	22.30	0.170	22.32	0.171
15	QPSK	36	20	22.21	0.166	22.19	0.166	22.22	0.167
15	QPSK	36	39	22.09	0.162	22.26	0.168	22.11	0.163
15	QPSK	75	0	22.28	0.169	22.12	0.163	22.21	0.166
15	16QAM	1	0	22.41	0.174	22.36	0.172	22.37	0.173
15	16QAM	1	37	22.28	0.169	22.46	0.176	22.26	0.168
15	16QAM	1	74	22.17	0.165	22.30	0.170	22.23	0.167
15	16QAM	36	0	21.22	0.132	21.29	0.135	21.19	0.132
15	16QAM	36	20	21.16	0.131	21.28	0.134	21.23	0.133
15	16QAM	36	39	21.07	0.128	21.28	0.134	21.24	0.133
15	16QAM	75	0	21.21	0.132	21.32	0.136	21.32	0.136
15	64QAM	1	0	21.26	0.134	21.38	0.137	21.30	0.135
15	64QAM	1	37	21.33	0.136	21.36	0.137	21.11	0.129
15	64QAM	1	74	21.19	0.132	21.14	0.130	21.15	0.130
15	64QAM	36	0	20.19	0.104	20.37	0.109	20.29	0.107
15	64QAM	36	20	20.20	0.105	20.25	0.106	20.15	0.104
15	64QAM	36	39	20.16	0.104	20.21	0.105	20.26	0.106
15	64QAM	75	0	20.12	0.103	20.06	0.101	20.17	0.104
15	256QAM	1	0	18.24	0.067	18.41	0.069	18.03	0.064
15	256QAM	1	37	18.12	0.065	18.21	0.066	18.22	0.066
15	256QAM	1	74	18.20	0.066	18.12	0.065	18.01	0.063
15	256QAM	36	0	17.10	0.051	17.23	0.053	17.24	0.053
15	256QAM	36	20	17.09	0.051	17.11	0.051	17.34	0.054
15	256QAM	36	39	17.12	0.052	17.14	0.052	17.06	0.051
15	256QAM	75	0	17.12	0.052	17.31	0.054	17.11	0.051



LTE Band 38				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				37800		38000		38200	
Frequency (MHz)				2575		2595		2615	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	23.13	0.206	23.21	0.209	23.19	0.208
10	QPSK	1	25	23.03	0.201	23.18	0.208	23.20	0.209
10	QPSK	1	49	23.23	0.210	23.14	0.206	22.99	0.199
10	QPSK	25	0	22.37	0.173	22.28	0.169	22.39	0.173
10	QPSK	25	12	22.09	0.162	22.24	0.167	22.19	0.166
10	QPSK	25	25	22.14	0.164	22.26	0.168	22.22	0.167
10	QPSK	50	0	22.20	0.166	22.16	0.164	22.12	0.163
10	16QAM	1	0	22.31	0.170	22.45	0.176	22.31	0.170
10	16QAM	1	25	22.23	0.167	22.33	0.171	22.27	0.169
10	16QAM	1	49	22.25	0.168	22.33	0.171	22.24	0.167
10	16QAM	25	0	21.16	0.131	21.30	0.135	21.27	0.134
10	16QAM	25	12	21.12	0.129	21.25	0.133	21.34	0.136
10	16QAM	25	25	21.05	0.127	21.14	0.130	21.17	0.131
10	16QAM	50	0	21.27	0.134	21.14	0.130	21.13	0.130
10	64QAM	1	0	21.27	0.134	21.31	0.135	21.14	0.130
10	64QAM	1	25	21.32	0.136	21.18	0.131	21.29	0.135
10	64QAM	1	49	21.27	0.134	21.11	0.129	21.19	0.132
10	64QAM	25	0	20.23	0.105	20.33	0.108	20.35	0.108
10	64QAM	25	12	20.01	0.100	20.10	0.102	20.16	0.104
10	64QAM	25	25	20.08	0.102	20.25	0.106	20.18	0.104
10	64QAM	50	0	19.97	0.099	20.15	0.104	20.08	0.102
10	256QAM	1	0	18.24	0.067	18.32	0.068	18.11	0.065
10	256QAM	1	25	18.16	0.065	18.19	0.066	18.24	0.067
10	256QAM	1	49	18.11	0.065	18.11	0.065	18.16	0.065
10	256QAM	25	0	17.20	0.052	17.29	0.054	17.09	0.051
10	256QAM	25	12	17.06	0.051	17.29	0.054	17.23	0.053
10	256QAM	25	25	17.11	0.051	17.20	0.052	17.19	0.052
10	256QAM	50	0	17.08	0.051	17.21	0.053	17.13	0.052



LTE Band 38				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				37775		38000		38225	
Frequency (MHz)				2572.5		2595		2617.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	23.14	0.206	23.20	0.209	23.15	0.207
5	QPSK	1	12	23.12	0.205	23.20	0.209	23.07	0.203
5	QPSK	1	24	23.14	0.206	23.09	0.204	23.00	0.200
5	QPSK	12	0	22.42	0.175	22.23	0.167	22.36	0.172
5	QPSK	12	7	22.19	0.166	22.19	0.166	22.27	0.169
5	QPSK	12	13	22.16	0.164	22.28	0.169	22.12	0.163
5	QPSK	25	0	22.27	0.169	22.24	0.167	22.15	0.164
5	16QAM	1	0	22.48	0.177	22.36	0.172	22.49	0.177
5	16QAM	1	12	22.41	0.174	22.39	0.173	22.41	0.174
5	16QAM	1	24	22.27	0.169	22.37	0.173	22.31	0.170
5	16QAM	12	0	21.37	0.137	21.34	0.136	21.21	0.132
5	16QAM	12	7	21.06	0.128	21.24	0.133	21.27	0.134
5	16QAM	12	13	21.08	0.128	21.29	0.135	21.10	0.129
5	16QAM	25	0	21.15	0.130	21.20	0.132	21.18	0.131
5	64QAM	1	0	21.27	0.134	21.35	0.136	21.36	0.137
5	64QAM	1	12	21.22	0.132	21.38	0.137	21.15	0.130
5	64QAM	1	24	21.22	0.132	21.18	0.131	21.24	0.133
5	64QAM	12	0	20.28	0.107	20.31	0.107	20.35	0.108
5	64QAM	12	7	20.12	0.103	20.12	0.103	20.23	0.105
5	64QAM	12	13	20.11	0.103	20.19	0.104	20.08	0.102
5	64QAM	25	0	20.08	0.102	20.15	0.104	20.12	0.103
5	256QAM	1	0	18.26	0.067	18.25	0.067	18.07	0.064
5	256QAM	1	12	18.13	0.065	18.26	0.067	18.29	0.067
5	256QAM	1	24	18.24	0.067	18.03	0.064	18.02	0.063
5	256QAM	12	0	17.16	0.052	17.28	0.053	17.16	0.052
5	256QAM	12	7	17.16	0.052	17.23	0.053	17.19	0.052
5	256QAM	12	13	17.15	0.052	17.14	0.052	17.12	0.052
5	256QAM	25	0	17.08	0.051	17.28	0.053	17.10	0.051



LTE Band 41 (Power Class 2)				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39750		40620		41490	
Frequency (MHz)				2506		2593		2680	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	26.43	0.440	26.51	0.448	26.13	0.410
20	QPSK	1	49	26.35	0.432	26.48	0.445	26.14	0.411
20	QPSK	1	99	26.44	0.441	26.31	0.428	26.12	0.409
20	QPSK	50	0	25.54	0.358	25.57	0.361	25.16	0.328
20	QPSK	50	24	25.48	0.353	25.43	0.349	25.25	0.335
20	QPSK	50	50	25.39	0.346	25.49	0.354	25.10	0.324
20	QPSK	100	0	25.48	0.353	25.39	0.346	25.15	0.327
20	16QAM	1	0	25.60	0.363	25.69	0.371	25.33	0.341
20	16QAM	1	49	25.50	0.355	25.59	0.362	25.36	0.344
20	16QAM	1	99	25.57	0.361	25.62	0.365	25.24	0.334
20	16QAM	50	0	24.44	0.278	24.45	0.279	24.20	0.263
20	16QAM	50	24	24.36	0.273	24.35	0.272	24.04	0.254
20	16QAM	50	50	24.29	0.269	24.34	0.272	23.96	0.249
20	16QAM	100	0	24.40	0.275	24.26	0.267	24.03	0.253
20	64QAM	1	0	24.56	0.286	24.64	0.291	24.18	0.262
20	64QAM	1	49	24.48	0.281	24.54	0.284	24.16	0.261
20	64QAM	1	99	24.46	0.279	24.38	0.274	24.17	0.261
20	64QAM	50	0	23.45	0.221	23.44	0.221	23.02	0.200
20	64QAM	50	24	23.22	0.210	23.36	0.217	23.01	0.200
20	64QAM	50	50	23.25	0.211	23.38	0.218	23.12	0.205
20	64QAM	100	0	23.26	0.212	23.40	0.219	22.96	0.198
20	256QAM	1	0	21.66	0.147	21.82	0.152	21.66	0.147
20	256QAM	1	49	21.42	0.139	21.55	0.143	21.78	0.151
20	256QAM	1	99	21.56	0.143	21.53	0.142	21.45	0.140
20	256QAM	50	0	20.37	0.109	20.61	0.115	20.62	0.115
20	256QAM	50	24	20.49	0.112	20.63	0.116	20.74	0.119
20	256QAM	50	50	20.47	0.111	20.48	0.112	20.55	0.114
20	256QAM	100	0	20.38	0.109	20.56	0.114	20.44	0.111



LTE Band 41 (Power Class 2)				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39725		40620		41515	
Frequency (MHz)				2503.5		2593		2682.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	V	0.435	26.48	0.445	26.11	0.408
15	QPSK	1	37	26.39	0.436	26.36	0.433	26.11	0.408
15	QPSK	1	74	26.35	0.432	26.38	0.435	26.08	0.406
15	QPSK	36	0	25.58	0.361	25.62	0.365	25.31	0.340
15	QPSK	36	20	25.53	0.357	25.53	0.357	25.19	0.330
15	QPSK	36	39	25.35	0.343	25.56	0.360	25.13	0.326
15	QPSK	75	0	25.44	0.350	25.40	0.347	25.03	0.318
15	16QAM	1	0	25.48	0.353	25.63	0.366	25.43	0.349
15	16QAM	1	37	25.60	0.363	25.54	0.358	25.18	0.330
15	16QAM	1	74	25.58	0.361	25.50	0.355	25.24	0.334
15	16QAM	36	0	24.47	0.280	24.59	0.288	24.11	0.258
15	16QAM	36	20	24.43	0.277	24.35	0.272	24.17	0.261
15	16QAM	36	39	24.26	0.267	24.37	0.274	24.15	0.260
15	16QAM	75	0	24.23	0.265	24.30	0.269	24.10	0.257
15	64QAM	1	0	24.41	0.276	24.51	0.282	24.15	0.260
15	64QAM	1	37	24.36	0.273	24.49	0.281	24.20	0.263
15	64QAM	1	74	24.47	0.280	24.33	0.271	24.14	0.259
15	64QAM	36	0	23.41	0.219	23.45	0.221	22.99	0.199
15	64QAM	36	20	23.19	0.208	23.35	0.216	23.08	0.203
15	64QAM	36	39	23.41	0.219	23.27	0.212	22.97	0.198
15	64QAM	75	0	23.21	0.209	23.37	0.217	22.95	0.197
15	256QAM	1	0	21.72	0.149	21.68	0.147	21.52	0.142
15	256QAM	1	37	21.43	0.139	21.65	0.146	21.72	0.149
15	256QAM	1	74	21.48	0.141	21.38	0.137	21.49	0.141
15	256QAM	36	0	20.36	0.109	20.67	0.117	20.71	0.118
15	256QAM	36	20	20.53	0.113	20.55	0.114	20.83	0.121
15	256QAM	36	39	20.47	0.111	20.47	0.111	20.41	0.110
15	256QAM	75	0	20.46	0.111	20.68	0.117	20.35	0.108



LTE Band 41 (Power Class 2)				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39700		40620		41540	
Frequency (MHz)				2501		2593		2685	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	V	0.441	26.47	0.444	26.20	0.417
10	QPSK	1	25	26.43	0.440	26.45	0.442	26.09	0.406
10	QPSK	1	49	26.34	0.431	26.35	0.432	26.02	0.400
10	QPSK	25	0	25.58	0.361	25.51	0.356	25.15	0.327
10	QPSK	25	12	25.46	0.352	25.51	0.356	25.22	0.333
10	QPSK	25	25	25.31	0.340	25.42	0.348	25.13	0.326
10	QPSK	50	0	25.32	0.340	25.36	0.344	25.13	0.326
10	16QAM	1	0	25.63	0.366	25.62	0.365	25.38	0.345
10	16QAM	1	25	25.50	0.355	25.58	0.361	25.34	0.342
10	16QAM	1	49	25.55	0.359	25.52	0.356	25.20	0.331
10	16QAM	25	0	24.47	0.280	24.50	0.282	24.24	0.265
10	16QAM	25	12	24.23	0.265	24.44	0.278	24.01	0.252
10	16QAM	25	25	24.20	0.263	24.38	0.274	24.11	0.258
10	16QAM	50	0	24.28	0.268	24.33	0.271	24.01	0.252
10	64QAM	1	0	24.56	0.286	24.50	0.282	24.12	0.258
10	64QAM	1	25	24.50	0.282	24.59	0.288	24.18	0.262
10	64QAM	1	49	24.29	0.269	24.42	0.277	24.11	0.258
10	64QAM	25	0	23.41	0.219	23.39	0.218	23.04	0.201
10	64QAM	25	12	23.18	0.208	23.33	0.215	23.05	0.202
10	64QAM	25	25	23.37	0.217	23.33	0.215	23.09	0.204
10	64QAM	50	0	23.31	0.214	23.28	0.213	23.01	0.200
10	256QAM	1	0	21.70	0.148	21.72	0.149	21.53	0.142
10	256QAM	1	25	21.39	0.138	21.70	0.148	21.65	0.146
10	256QAM	1	49	21.48	0.141	21.41	0.138	21.42	0.139
10	256QAM	25	0	20.53	0.113	20.63	0.116	20.61	0.115
10	256QAM	25	12	20.50	0.112	20.64	0.116	20.68	0.117
10	256QAM	25	25	20.59	0.115	20.51	0.112	20.44	0.111
10	256QAM	50	0	20.45	0.111	20.64	0.116	20.51	0.112



LTE Band 41 (Power Class 2)				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39675		40620		41565	
Frequency (MHz)				2498.5		2593		2687.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	26.42	0.439	26.44	0.441	26.18	0.415
5	QPSK	1	12	26.34	0.431	26.41	0.438	26.10	0.407
5	QPSK	1	24	26.33	0.430	26.37	0.434	26.10	0.407
5	QPSK	12	0	25.57	0.361	25.58	0.361	25.30	0.339
5	QPSK	12	7	25.35	0.343	25.47	0.352	25.10	0.324
5	QPSK	12	13	25.44	0.350	25.56	0.360	25.13	0.326
5	QPSK	25	0	25.35	0.343	25.39	0.346	25.17	0.329
5	16QAM	1	0	25.58	0.361	25.66	0.368	25.29	0.338
5	16QAM	1	12	25.64	0.366	25.60	0.363	25.17	0.329
5	16QAM	1	24	25.60	0.363	25.57	0.361	25.33	0.341
5	16QAM	12	0	24.30	0.269	24.40	0.275	24.10	0.257
5	16QAM	12	7	24.23	0.265	24.49	0.281	24.02	0.252
5	16QAM	12	13	24.19	0.262	24.38	0.274	24.08	0.256
5	16QAM	25	0	24.33	0.271	24.43	0.277	24.06	0.255
5	64QAM	1	0	24.47	0.280	24.58	0.287	24.14	0.259
5	64QAM	1	12	24.40	0.275	24.57	0.286	24.13	0.259
5	64QAM	1	24	24.44	0.278	24.48	0.281	24.11	0.258
5	64QAM	12	0	23.34	0.216	23.39	0.218	23.05	0.202
5	64QAM	12	7	23.22	0.210	23.25	0.211	23.19	0.208
5	64QAM	12	13	23.40	0.219	23.41	0.219	22.96	0.198
5	64QAM	25	0	23.24	0.211	23.41	0.219	23.07	0.203
5	256QAM	1	0	21.55	0.143	21.82	0.152	21.60	0.145
5	256QAM	1	12	21.38	0.137	21.62	0.145	21.65	0.146
5	256QAM	1	24	21.54	0.143	21.35	0.136	21.57	0.144
5	256QAM	12	0	20.39	0.109	20.68	0.117	20.70	0.117
5	256QAM	12	7	20.42	0.110	20.57	0.114	20.82	0.121
5	256QAM	12	13	20.48	0.112	20.41	0.110	20.36	0.109
5	256QAM	25	0	20.49	0.112	20.65	0.116	20.47	0.111



LTE Band 41 (Power Class 3)				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39750		40620		41490	
Frequency (MHz)				2506		2593		2680	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	23.60	0.229	23.64	0.231	23.55	0.226
20	QPSK	1	49	23.45	0.221	23.57	0.228	23.55	0.226
20	QPSK	1	99	23.48	0.223	23.61	0.230	23.45	0.221
20	QPSK	50	0	22.67	0.185	22.68	0.185	22.62	0.183
20	QPSK	50	24	22.48	0.177	22.68	0.185	22.53	0.179
20	QPSK	50	50	22.61	0.182	22.64	0.184	22.60	0.182
20	QPSK	100	0	22.53	0.179	22.61	0.182	22.42	0.175
20	16QAM	1	0	22.59	0.182	22.76	0.189	22.72	0.187
20	16QAM	1	49	22.70	0.186	22.61	0.182	22.58	0.181
20	16QAM	1	99	22.55	0.180	22.66	0.185	22.74	0.188
20	16QAM	50	0	21.60	0.145	21.74	0.149	21.70	0.148
20	16QAM	50	24	21.45	0.140	21.62	0.145	21.65	0.146
20	16QAM	50	50	21.59	0.144	21.66	0.147	21.57	0.144
20	16QAM	100	0	21.65	0.146	21.48	0.141	21.50	0.141
20	64QAM	1	0	21.70	0.148	21.78	0.151	21.70	0.148
20	64QAM	1	49	21.64	0.146	21.63	0.146	21.65	0.146
20	64QAM	1	99	21.49	0.141	21.46	0.140	21.56	0.143
20	64QAM	50	0	20.49	0.112	20.75	0.119	20.63	0.116
20	64QAM	50	24	20.41	0.110	20.61	0.115	20.63	0.116
20	64QAM	50	50	20.62	0.115	20.52	0.113	20.58	0.114
20	64QAM	100	0	20.41	0.110	20.51	0.112	20.40	0.110
20	256QAM	1	0	18.39	0.069	18.61	0.073	18.44	0.070
20	256QAM	1	49	18.35	0.068	18.51	0.071	18.40	0.069
20	256QAM	1	99	18.43	0.070	18.39	0.069	18.33	0.068
20	256QAM	50	0	17.33	0.054	17.68	0.059	17.43	0.055
20	256QAM	50	24	17.44	0.055	17.46	0.056	17.51	0.056
20	256QAM	50	50	17.43	0.055	17.55	0.057	17.34	0.054
20	256QAM	100	0	17.42	0.055	17.55	0.057	17.33	0.054



LTE Band 41 (Power Class 3)				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39725		40620		41515	
Frequency (MHz)				2503.5		2593		2682.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	23.56	0.227	23.61	0.230	23.51	0.224
15	QPSK	1	37	23.51	0.224	23.59	0.229	23.52	0.225
15	QPSK	1	74	23.53	0.225	23.50	0.224	23.45	0.221
15	QPSK	36	0	22.79	0.190	22.71	0.187	22.59	0.182
15	QPSK	36	20	22.58	0.181	22.52	0.179	22.66	0.185
15	QPSK	36	39	22.60	0.182	22.53	0.179	22.46	0.176
15	QPSK	75	0	22.64	0.184	22.63	0.183	22.44	0.175
15	16QAM	1	0	22.88	0.194	22.71	0.187	22.67	0.185
15	16QAM	1	37	22.70	0.186	22.85	0.193	22.81	0.191
15	16QAM	1	74	22.64	0.184	22.87	0.194	22.75	0.188
15	16QAM	36	0	21.73	0.149	21.64	0.146	21.57	0.144
15	16QAM	36	20	21.64	0.146	21.75	0.150	21.60	0.145
15	16QAM	36	39	21.59	0.144	21.75	0.150	21.52	0.142
15	16QAM	75	0	21.55	0.143	21.46	0.140	21.69	0.148
15	64QAM	1	0	21.59	0.144	21.79	0.151	21.66	0.147
15	64QAM	1	37	21.62	0.145	21.69	0.148	21.61	0.145
15	64QAM	1	74	21.58	0.144	21.64	0.146	21.46	0.140
15	64QAM	36	0	20.48	0.112	20.79	0.120	20.70	0.117
15	64QAM	36	20	20.50	0.112	20.51	0.112	20.75	0.119
15	64QAM	36	39	20.48	0.112	20.56	0.114	20.50	0.112
15	64QAM	75	0	20.43	0.110	20.67	0.117	20.62	0.115
15	256QAM	1	0	18.43	0.070	18.76	0.075	18.56	0.072
15	256QAM	1	37	18.44	0.070	18.57	0.072	18.51	0.071
15	256QAM	1	74	18.45	0.070	18.41	0.069	18.38	0.069
15	256QAM	36	0	17.40	0.055	17.55	0.057	17.53	0.057
15	256QAM	36	20	17.54	0.057	17.45	0.056	17.54	0.057
15	256QAM	36	39	17.44	0.055	17.43	0.055	17.43	0.055
15	256QAM	75	0	17.39	0.055	17.59	0.057	17.45	0.056



LTE Band 41 (Power Class 3)				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39700		40620		41540	
Frequency (MHz)				2501		2593		2685	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	23.57	0.228	23.60	0.229	23.56	0.227
10	QPSK	1	25	23.50	0.224	23.48	0.223	23.48	0.223
10	QPSK	1	49	23.48	0.223	23.41	0.219	23.57	0.228
10	QPSK	25	0	22.60	0.182	22.75	0.188	22.74	0.188
10	QPSK	25	12	22.46	0.176	22.73	0.187	22.60	0.182
10	QPSK	25	25	22.50	0.178	22.67	0.185	22.53	0.179
10	QPSK	50	0	22.57	0.181	22.48	0.177	22.65	0.184
10	16QAM	1	0	22.79	0.190	22.79	0.190	22.73	0.187
10	16QAM	1	25	22.80	0.191	22.75	0.188	22.63	0.183
10	16QAM	1	49	22.54	0.179	22.76	0.189	22.73	0.187
10	16QAM	25	0	21.75	0.150	21.72	0.149	21.71	0.148
10	16QAM	25	12	21.47	0.140	21.60	0.145	21.72	0.149
10	16QAM	25	25	21.42	0.139	21.71	0.148	21.54	0.143
10	16QAM	50	0	21.66	0.147	21.64	0.146	21.60	0.145
10	64QAM	1	0	21.57	0.144	21.78	0.151	21.62	0.145
10	64QAM	1	25	21.63	0.146	21.71	0.148	21.49	0.141
10	64QAM	1	49	21.56	0.143	21.46	0.140	21.43	0.139
10	64QAM	25	0	20.69	0.117	20.54	0.113	20.61	0.115
10	64QAM	25	12	20.52	0.113	20.55	0.114	20.68	0.117
10	64QAM	25	25	20.58	0.114	20.48	0.112	20.54	0.113
10	64QAM	50	0	20.38	0.109	20.53	0.113	20.50	0.112
10	256QAM	1	0	18.51	0.071	18.73	0.075	18.43	0.070
10	256QAM	1	25	18.34	0.068	18.48	0.070	18.48	0.070
10	256QAM	1	49	18.45	0.070	18.43	0.070	18.44	0.070
10	256QAM	25	0	17.43	0.055	17.72	0.059	17.44	0.055
10	256QAM	25	12	17.44	0.055	17.63	0.058	17.50	0.056
10	256QAM	25	25	17.39	0.055	17.38	0.055	17.42	0.055
10	256QAM	50	0	17.45	0.056	17.49	0.056	17.44	0.055



LTE Band 41 (Power Class 3)				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39675		40620		41565	
Frequency (MHz)				2498.5		2593		2687.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	23.46	0.222	23.59	0.229	23.53	0.225
5	QPSK	1	12	23.49	0.223	23.52	0.225	23.46	0.222
5	QPSK	1	24	23.52	0.225	23.56	0.227	23.58	0.228
5	QPSK	12	0	22.65	0.184	22.64	0.184	22.54	0.179
5	QPSK	12	7	22.59	0.182	22.53	0.179	22.55	0.180
5	QPSK	12	13	22.45	0.176	22.58	0.181	22.41	0.174
5	QPSK	25	0	22.45	0.176	22.67	0.185	22.41	0.174
5	16QAM	1	0	22.88	0.194	22.74	0.188	22.69	0.186
5	16QAM	1	12	22.70	0.186	22.82	0.191	22.77	0.189
5	16QAM	1	24	22.71	0.187	22.74	0.188	22.66	0.185
5	16QAM	12	0	21.63	0.146	21.82	0.152	21.72	0.149
5	16QAM	12	7	21.55	0.143	21.62	0.145	21.69	0.148
5	16QAM	12	13	21.43	0.139	21.55	0.143	21.60	0.145
5	16QAM	25	0	21.71	0.148	21.76	0.150	21.74	0.149
5	64QAM	1	0	21.62	0.145	21.81	0.152	21.52	0.142
5	64QAM	1	12	21.53	0.142	21.63	0.146	21.47	0.140
5	64QAM	1	24	21.52	0.142	21.48	0.141	21.40	0.138
5	64QAM	12	0	20.70	0.117	20.75	0.119	20.54	0.113
5	64QAM	12	7	20.44	0.111	20.58	0.114	20.67	0.117
5	64QAM	12	13	20.52	0.113	20.60	0.115	20.57	0.114
5	64QAM	25	0	20.34	0.108	20.48	0.112	20.50	0.112
5	256QAM	1	0	18.43	0.070	18.67	0.074	18.44	0.070
5	256QAM	1	12	18.44	0.070	18.64	0.073	18.37	0.069
5	256QAM	1	24	18.45	0.070	18.47	0.070	18.33	0.068
5	256QAM	12	0	17.45	0.056	17.73	0.059	17.42	0.055
5	256QAM	12	7	17.43	0.055	17.60	0.058	17.44	0.055
5	256QAM	12	13	17.39	0.055	17.52	0.056	17.46	0.056
5	256QAM	25	0	17.44	0.055	17.68	0.059	17.43	0.055



LTE Band 42				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				42190		42590		42990	
Frequency (MHz)				3460		3500		3540	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	22.24	0.167	22.22	0.167	22.13	0.163
20	QPSK	1	49	21.70	0.148	21.69	0.148	21.56	0.143
20	QPSK	1	99	21.79	0.151	21.63	0.146	21.67	0.147
20	QPSK	50	0	21.29	0.135	21.29	0.135	21.18	0.131
20	QPSK	50	24	20.77	0.119	20.76	0.119	20.71	0.118
20	QPSK	50	50	20.75	0.119	20.58	0.114	20.54	0.113
20	QPSK	100	0	20.81	0.121	20.85	0.122	20.77	0.119
20	16QAM	1	0	20.99	0.126	20.92	0.124	20.89	0.123
20	16QAM	1	49	20.94	0.124	21.15	0.130	20.86	0.122
20	16QAM	1	99	21.02	0.126	20.87	0.122	20.86	0.122
20	16QAM	50	0	19.97	0.099	19.93	0.098	19.91	0.098
20	16QAM	50	24	19.83	0.096	19.92	0.098	19.73	0.094
20	16QAM	50	50	19.93	0.098	19.69	0.093	19.72	0.094
20	16QAM	100	0	19.74	0.094	19.85	0.097	19.65	0.092
20	64QAM	1	0	19.77	0.095	19.72	0.094	19.67	0.093
20	64QAM	1	49	19.74	0.094	19.85	0.097	19.82	0.096
20	64QAM	1	99	19.83	0.096	19.81	0.096	19.64	0.092
20	64QAM	50	0	18.89	0.077	18.75	0.075	18.69	0.074
20	64QAM	50	24	18.99	0.079	19.01	0.080	18.81	0.076
20	64QAM	50	50	19.01	0.080	18.80	0.076	18.72	0.074
20	64QAM	100	0	18.77	0.075	18.82	0.076	18.68	0.074
20	256QAM	1	0	16.54	0.045	16.63	0.046	16.45	0.044
20	256QAM	1	49	16.53	0.045	16.64	0.046	16.37	0.043
20	256QAM	1	99	16.44	0.044	16.50	0.045	16.27	0.042
20	256QAM	50	0	15.50	0.035	15.46	0.035	15.33	0.034
20	256QAM	50	24	15.42	0.035	15.48	0.035	15.39	0.035
20	256QAM	50	50	15.38	0.035	15.41	0.035	15.27	0.034
20	256QAM	100	0	15.45	0.035	15.48	0.035	15.28	0.034



LTE Band 42				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				42165		42590		43015	
Frequency (MHz)				3457.5		3500		3542.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	21.81	0.152	21.78	0.151	21.72	0.149
15	QPSK	1	37	21.74	0.149	21.63	0.146	21.51	0.142
15	QPSK	1	74	21.62	0.145	21.62	0.145	21.52	0.142
15	QPSK	36	0	20.89	0.123	20.78	0.120	20.68	0.117
15	QPSK	36	20	20.81	0.121	20.86	0.122	20.69	0.117
15	QPSK	36	39	20.85	0.122	20.69	0.117	20.63	0.116
15	QPSK	75	0	20.88	0.122	20.83	0.121	20.82	0.121
15	16QAM	1	0	20.97	0.125	21.10	0.129	20.82	0.121
15	16QAM	1	37	20.93	0.124	21.07	0.128	20.97	0.125
15	16QAM	1	74	20.88	0.122	20.96	0.125	20.92	0.124
15	16QAM	36	0	20.03	0.101	19.94	0.099	19.83	0.096
15	16QAM	36	20	19.87	0.097	19.87	0.097	19.81	0.096
15	16QAM	36	39	19.78	0.095	19.70	0.093	19.74	0.094
15	16QAM	75	0	19.83	0.096	19.78	0.095	19.70	0.093
15	64QAM	1	0	19.79	0.095	19.81	0.096	19.60	0.091
15	64QAM	1	37	19.92	0.098	19.72	0.094	19.72	0.094
15	64QAM	1	74	20.09	0.102	19.80	0.095	19.71	0.094
15	64QAM	36	0	18.76	0.075	18.84	0.077	18.65	0.073
15	64QAM	36	20	18.94	0.078	18.94	0.078	18.80	0.076
15	64QAM	36	39	18.83	0.076	18.78	0.076	18.63	0.073
15	64QAM	75	0	18.93	0.078	18.68	0.074	18.67	0.074
15	256QAM	1	0	16.59	0.046	16.50	0.045	16.47	0.044
15	256QAM	1	37	16.48	0.044	16.50	0.045	16.44	0.044
15	256QAM	1	74	16.53	0.045	16.41	0.044	16.26	0.042
15	256QAM	36	0	15.34	0.034	15.50	0.035	15.28	0.034
15	256QAM	36	20	15.57	0.036	15.56	0.036	15.47	0.035
15	256QAM	36	39	15.51	0.036	15.47	0.035	15.38	0.035
15	256QAM	75	0	15.50	0.035	15.55	0.036	15.39	0.035



LTE Band 42				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				42140		42590		43040	
Frequency (MHz)				3455		3500		3545	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	21.82	0.152	21.79	0.151	21.68	0.147
10	QPSK	1	25	21.84	0.153	21.74	0.149	21.68	0.147
10	QPSK	1	49	21.72	0.149	21.73	0.149	21.59	0.144
10	QPSK	25	0	20.95	0.124	20.90	0.123	20.81	0.121
10	QPSK	25	12	20.87	0.122	20.79	0.120	20.83	0.121
10	QPSK	25	25	20.76	0.119	20.67	0.117	20.59	0.115
10	QPSK	50	0	20.79	0.120	20.76	0.119	20.80	0.120
10	16QAM	1	0	20.94	0.124	20.99	0.126	20.94	0.124
10	16QAM	1	25	21.00	0.126	21.05	0.127	21.00	0.126
10	16QAM	1	49	20.97	0.125	20.84	0.121	20.91	0.123
10	16QAM	25	0	20.02	0.100	20.04	0.101	19.95	0.099
10	16QAM	25	12	19.80	0.095	19.81	0.096	19.91	0.098
10	16QAM	25	25	19.83	0.096	19.76	0.095	19.68	0.093
10	16QAM	50	0	19.69	0.093	19.93	0.098	19.79	0.095
10	64QAM	1	0	19.78	0.095	19.77	0.095	19.74	0.094
10	64QAM	1	25	19.83	0.096	19.83	0.096	19.75	0.094
10	64QAM	1	49	20.05	0.101	19.81	0.096	19.73	0.094
10	64QAM	25	0	18.80	0.076	18.75	0.075	18.72	0.074
10	64QAM	25	12	18.97	0.079	18.87	0.077	18.81	0.076
10	64QAM	25	25	18.99	0.079	18.79	0.076	18.68	0.074
10	64QAM	50	0	18.79	0.076	18.83	0.076	18.63	0.073
10	256QAM	1	0	16.49	0.045	16.58	0.045	16.35	0.043
10	256QAM	1	25	16.50	0.045	16.64	0.046	16.36	0.043
10	256QAM	1	49	16.43	0.044	16.52	0.045	16.27	0.042
10	256QAM	25	0	15.58	0.036	15.52	0.036	15.42	0.035
10	256QAM	25	12	15.51	0.036	15.51	0.036	15.44	0.035
10	256QAM	25	25	15.50	0.035	15.44	0.035	15.39	0.035
10	256QAM	50	0	15.44	0.035	15.51	0.036	15.35	0.034



LTE Band 42				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				42115		42590		43065	
Frequency (MHz)				3452.5		3500		3547.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	21.78	0.151	21.81	0.152	21.68	0.147
5	QPSK	1	12	21.80	0.151	21.63	0.146	21.65	0.146
5	QPSK	1	24	21.67	0.147	21.67	0.147	21.63	0.146
5	QPSK	12	0	20.94	0.124	20.87	0.122	20.82	0.121
5	QPSK	12	7	20.78	0.120	20.89	0.123	20.70	0.117
5	QPSK	12	13	20.78	0.120	20.70	0.117	20.60	0.115
5	QPSK	25	0	20.73	0.118	20.94	0.124	20.66	0.116
5	16QAM	1	0	20.92	0.124	21.10	0.129	20.95	0.124
5	16QAM	1	12	21.09	0.129	21.14	0.130	20.93	0.124
5	16QAM	1	24	20.90	0.123	20.89	0.123	20.85	0.122
5	16QAM	12	0	20.08	0.102	19.99	0.100	19.86	0.097
5	16QAM	12	7	19.85	0.097	19.97	0.099	19.73	0.094
5	16QAM	12	13	19.74	0.094	19.84	0.096	19.72	0.094
5	16QAM	25	0	19.68	0.093	19.88	0.097	19.72	0.094
5	64QAM	1	0	19.77	0.095	19.72	0.094	19.72	0.094
5	64QAM	1	12	19.90	0.098	19.86	0.097	19.82	0.096
5	64QAM	1	24	19.98	0.100	19.75	0.094	19.70	0.093
5	64QAM	12	0	18.77	0.075	18.88	0.077	18.80	0.076
5	64QAM	12	7	18.93	0.078	18.85	0.077	18.74	0.075
5	64QAM	12	13	18.82	0.076	18.80	0.076	18.70	0.074
5	64QAM	25	0	18.78	0.076	18.82	0.076	18.69	0.074
5	256QAM	1	0	16.64	0.046	16.47	0.044	16.39	0.044
5	256QAM	1	12	16.51	0.045	16.51	0.045	16.43	0.044
5	256QAM	1	24	16.45	0.044	16.47	0.044	16.28	0.042
5	256QAM	12	0	15.55	0.036	15.49	0.035	15.41	0.035
5	256QAM	12	7	15.53	0.036	15.50	0.035	15.46	0.035
5	256QAM	12	13	15.42	0.035	15.52	0.036	15.40	0.035
5	256QAM	25	0	15.50	0.035	15.44	0.035	15.42	0.035



LTE Band 43				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				44690		45090		45490	
Frequency (MHz)				3710		3750		3790	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	21.82	0.152	21.88	0.154	21.76	0.150
20	QPSK	1	49	21.59	0.144	21.85	0.153	21.56	0.143
20	QPSK	1	99	21.50	0.141	21.58	0.144	21.68	0.147
20	QPSK	50	0	20.89	0.123	20.92	0.124	20.73	0.118
20	QPSK	50	24	20.64	0.116	20.68	0.117	20.64	0.116
20	QPSK	50	50	20.81	0.121	20.75	0.119	20.75	0.119
20	QPSK	100	0	20.73	0.118	20.79	0.120	20.70	0.117
20	16QAM	1	0	20.91	0.123	20.92	0.124	20.95	0.124
20	16QAM	1	49	21.02	0.126	21.02	0.126	20.97	0.125
20	16QAM	1	99	20.86	0.122	20.91	0.123	20.93	0.124
20	16QAM	50	0	19.96	0.099	19.91	0.098	19.80	0.095
20	16QAM	50	24	19.70	0.093	19.86	0.097	19.71	0.094
20	16QAM	50	50	19.69	0.093	19.72	0.094	19.63	0.092
20	16QAM	100	0	19.67	0.093	19.72	0.094	19.95	0.099
20	64QAM	1	0	19.96	0.099	20.03	0.101	19.76	0.095
20	64QAM	1	49	19.65	0.092	19.82	0.096	19.86	0.097
20	64QAM	1	99	19.73	0.094	19.67	0.093	19.70	0.093
20	64QAM	50	0	18.61	0.073	18.94	0.078	18.77	0.075
20	64QAM	50	24	18.75	0.075	18.87	0.077	18.99	0.079
20	64QAM	50	50	18.86	0.077	18.77	0.075	18.64	0.073
20	64QAM	100	0	18.71	0.074	18.87	0.077	18.65	0.073
20	256QAM	1	0	16.67	0.046	16.82	0.048	16.59	0.046
20	256QAM	1	49	16.51	0.045	16.60	0.046	16.74	0.047
20	256QAM	1	99	16.63	0.046	16.53	0.045	16.46	0.044
20	256QAM	50	0	15.49	0.035	15.64	0.037	15.53	0.036
20	256QAM	50	24	15.57	0.036	15.56	0.036	15.77	0.038
20	256QAM	50	50	15.60	0.036	15.54	0.036	15.40	0.035
20	256QAM	100	0	15.40	0.035	15.65	0.037	15.38	0.035



LTE Band 43				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				44665		45090		45515	
Frequency (MHz)				3707.5		3750		3792.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	21.79	0.151	21.84	0.153	21.71	0.148
15	QPSK	1	37	21.63	0.146	21.68	0.147	21.61	0.145
15	QPSK	1	74	21.56	0.143	21.58	0.144	21.62	0.145
15	QPSK	36	0	20.93	0.124	20.92	0.124	20.61	0.115
15	QPSK	36	20	20.66	0.116	20.80	0.120	20.59	0.115
15	QPSK	36	39	20.68	0.117	20.95	0.124	20.74	0.119
15	QPSK	75	0	20.56	0.114	20.69	0.117	20.71	0.118
15	16QAM	1	0	20.95	0.124	21.03	0.127	21.01	0.126
15	16QAM	1	37	20.87	0.122	20.89	0.123	21.10	0.129
15	16QAM	1	74	20.75	0.119	20.94	0.124	20.87	0.122
15	16QAM	36	0	19.80	0.095	20.01	0.100	19.87	0.097
15	16QAM	36	20	19.59	0.091	19.80	0.095	19.75	0.094
15	16QAM	36	39	19.72	0.094	19.76	0.095	19.63	0.092
15	16QAM	75	0	19.65	0.092	19.80	0.095	19.81	0.096
15	64QAM	1	0	19.95	0.099	19.89	0.097	19.73	0.094
15	64QAM	1	37	19.69	0.093	19.87	0.097	19.82	0.096
15	64QAM	1	74	19.89	0.097	19.67	0.093	19.63	0.092
15	64QAM	36	0	18.65	0.073	18.89	0.077	18.71	0.074
15	64QAM	36	20	18.69	0.074	18.77	0.075	18.97	0.079
15	64QAM	36	39	18.76	0.075	18.76	0.075	18.53	0.071
15	64QAM	75	0	18.62	0.073	18.95	0.079	18.64	0.073
15	256QAM	1	0	16.61	0.046	16.76	0.047	16.59	0.046
15	256QAM	1	37	16.58	0.045	16.70	0.047	16.79	0.048
15	256QAM	1	74	16.61	0.046	16.50	0.045	16.46	0.044
15	256QAM	36	0	15.44	0.035	15.82	0.038	15.58	0.036
15	256QAM	36	20	15.53	0.036	15.54	0.036	15.63	0.037
15	256QAM	36	39	15.68	0.037	15.61	0.036	15.41	0.035
15	256QAM	75	0	15.53	0.036	15.66	0.037	15.41	0.035



LTE Band 43				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				44640		45090		45540	
Frequency (MHz)				3705		3750		3795	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	21.70	0.148	21.85	0.153	21.68	0.147
10	QPSK	1	25	21.72	0.149	21.83	0.152	21.60	0.145
10	QPSK	1	49	21.67	0.147	21.61	0.145	21.53	0.142
10	QPSK	25	0	20.86	0.122	20.85	0.122	20.59	0.115
10	QPSK	25	12	20.74	0.119	20.73	0.118	20.69	0.117
10	QPSK	25	25	20.75	0.119	20.92	0.124	20.61	0.115
10	QPSK	50	0	20.63	0.116	20.74	0.119	20.69	0.117
10	16QAM	1	0	20.97	0.125	21.03	0.127	21.03	0.127
10	16QAM	1	25	20.85	0.122	21.01	0.126	20.95	0.124
10	16QAM	1	49	20.77	0.119	20.97	0.125	20.76	0.119
10	16QAM	25	0	19.83	0.096	19.97	0.099	19.86	0.097
10	16QAM	25	12	19.60	0.091	19.88	0.097	19.58	0.091
10	16QAM	25	25	19.79	0.095	19.68	0.093	19.67	0.093
10	16QAM	50	0	19.66	0.092	19.63	0.092	19.94	0.099
10	64QAM	1	0	19.97	0.099	19.92	0.098	19.63	0.092
10	64QAM	1	25	19.74	0.094	19.82	0.096	19.83	0.096
10	64QAM	1	49	19.75	0.094	19.77	0.095	19.53	0.090
10	64QAM	25	0	18.60	0.072	18.95	0.079	18.81	0.076
10	64QAM	25	12	18.77	0.075	18.84	0.077	18.95	0.079
10	64QAM	25	25	18.80	0.076	18.81	0.076	18.67	0.074
10	64QAM	50	0	18.60	0.072	18.91	0.078	18.68	0.074
10	256QAM	1	0	16.65	0.046	16.78	0.048	16.56	0.045
10	256QAM	1	25	16.41	0.044	16.58	0.045	16.59	0.046
10	256QAM	1	49	16.70	0.047	16.41	0.044	16.52	0.045
10	256QAM	25	0	15.51	0.036	15.69	0.037	15.52	0.036
10	256QAM	25	12	15.58	0.036	15.66	0.037	15.65	0.037
10	256QAM	25	25	15.62	0.036	15.52	0.036	15.39	0.035
10	256QAM	50	0	15.51	0.036	15.66	0.037	15.49	0.035



LTE Band 43				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				44615		45090		45565	
Frequency (MHz)				3702.5		3750		3797.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	21.81	0.152	21.82	0.152	21.79	0.151
5	QPSK	1	12	21.56	0.143	21.76	0.150	21.73	0.149
5	QPSK	1	24	21.53	0.142	21.68	0.147	21.70	0.148
5	QPSK	12	0	20.81	0.121	20.82	0.121	20.61	0.115
5	QPSK	12	7	20.54	0.113	20.70	0.117	20.77	0.119
5	QPSK	12	13	20.78	0.120	20.82	0.121	20.62	0.115
5	QPSK	25	0	20.63	0.116	20.87	0.122	20.65	0.116
5	16QAM	1	0	20.89	0.123	20.87	0.122	21.07	0.128
5	16QAM	1	12	20.90	0.123	20.90	0.123	20.97	0.125
5	16QAM	1	24	20.85	0.122	20.96	0.125	20.93	0.124
5	16QAM	12	0	19.88	0.097	19.98	0.100	19.77	0.095
5	16QAM	12	7	19.72	0.094	19.93	0.098	19.78	0.095
5	16QAM	12	13	19.81	0.096	19.80	0.095	19.70	0.093
5	16QAM	25	0	19.69	0.093	19.75	0.094	19.81	0.096
5	64QAM	1	0	19.86	0.097	19.87	0.097	19.66	0.092
5	64QAM	1	12	19.62	0.092	19.95	0.099	19.89	0.097
5	64QAM	1	24	19.90	0.098	19.59	0.091	19.64	0.092
5	64QAM	12	0	18.79	0.076	19.03	0.080	18.81	0.076
5	64QAM	12	7	18.69	0.074	18.76	0.075	18.88	0.077
5	64QAM	12	13	18.88	0.077	18.70	0.074	18.65	0.073
5	64QAM	25	0	18.73	0.075	18.92	0.078	18.50	0.071
5	256QAM	1	0	16.68	0.047	16.71	0.047	16.54	0.045
5	256QAM	1	12	16.42	0.044	16.65	0.046	16.70	0.047
5	256QAM	1	24	16.64	0.046	16.50	0.045	16.48	0.044
5	256QAM	12	0	15.41	0.035	15.66	0.037	15.65	0.037
5	256QAM	12	7	15.41	0.035	15.67	0.037	15.78	0.038
5	256QAM	12	13	15.51	0.036	15.57	0.036	15.40	0.035
5	256QAM	25	0	15.55	0.036	15.64	0.037	15.41	0.035



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				132072		132322		132572	
Frequency (MHz)				1720		1745		1770	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	24.80	0.302	24.91	0.310	24.83	0.304
20	QPSK	1	49	24.62	0.290	24.77	0.300	24.73	0.297
20	QPSK	1	99	24.65	0.292	24.72	0.296	24.64	0.291
20	QPSK	50	0	23.88	0.244	23.92	0.247	23.80	0.240
20	QPSK	50	24	23.73	0.236	23.85	0.243	23.86	0.243
20	QPSK	50	50	23.74	0.237	23.81	0.240	23.56	0.227
20	QPSK	100	0	23.76	0.238	23.84	0.242	23.78	0.239
20	16QAM	1	0	23.99	0.251	23.96	0.249	23.90	0.245
20	16QAM	1	49	24.04	0.254	23.99	0.251	24.10	0.257
20	16QAM	1	99	24.00	0.251	24.17	0.261	23.90	0.245
20	16QAM	50	0	22.88	0.194	22.98	0.199	22.96	0.198
20	16QAM	50	24	22.80	0.191	22.92	0.196	22.76	0.189
20	16QAM	50	50	22.87	0.194	22.84	0.192	22.77	0.189
20	16QAM	100	0	22.63	0.183	22.85	0.193	22.86	0.193
20	64QAM	1	0	22.84	0.192	23.02	0.200	22.65	0.184
20	64QAM	1	49	22.81	0.191	22.84	0.192	22.67	0.185
20	64QAM	1	99	23.03	0.201	22.79	0.190	22.76	0.189
20	64QAM	50	0	21.84	0.153	21.98	0.158	21.73	0.149
20	64QAM	50	24	21.76	0.150	21.76	0.150	21.92	0.156
20	64QAM	50	50	21.94	0.156	21.72	0.149	21.75	0.150
20	64QAM	100	0	21.85	0.153	21.86	0.153	21.59	0.144
20	256QAM	1	0	19.72	0.094	19.87	0.097	19.55	0.090
20	256QAM	1	49	19.67	0.093	19.73	0.094	19.71	0.094
20	256QAM	1	99	19.60	0.091	19.63	0.092	19.60	0.091
20	256QAM	50	0	18.66	0.073	18.91	0.078	18.67	0.074
20	256QAM	50	24	18.62	0.073	18.63	0.073	18.70	0.074
20	256QAM	50	50	18.67	0.074	18.71	0.074	18.41	0.069
20	256QAM	100	0	18.67	0.074	18.69	0.074	18.54	0.071



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				132047		132322		132597	
Frequency (MHz)				1717.5		1745		1772.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	24.77	0.300	24.88	0.308	24.85	0.305
15	QPSK	1	37	24.65	0.292	24.70	0.295	24.54	0.284
15	QPSK	1	74	24.72	0.296	24.68	0.294	24.71	0.296
15	QPSK	36	0	23.84	0.242	23.96	0.249	23.74	0.237
15	QPSK	36	20	23.74	0.237	23.91	0.246	23.71	0.235
15	QPSK	36	39	23.72	0.236	23.87	0.244	23.59	0.229
15	QPSK	75	0	23.75	0.237	23.79	0.239	23.84	0.242
15	16QAM	1	0	24.04	0.254	24.05	0.254	24.04	0.254
15	16QAM	1	37	24.05	0.254	23.97	0.249	24.09	0.256
15	16QAM	1	74	23.86	0.243	24.01	0.252	23.86	0.243
15	16QAM	36	0	22.92	0.196	23.00	0.200	22.94	0.197
15	16QAM	36	20	22.70	0.186	22.91	0.195	22.87	0.194
15	16QAM	36	39	22.87	0.194	22.94	0.197	22.70	0.186
15	16QAM	75	0	22.70	0.186	22.81	0.191	22.86	0.193
15	64QAM	1	0	22.78	0.190	23.01	0.200	22.82	0.191
15	64QAM	1	37	22.75	0.188	22.90	0.195	22.67	0.185
15	64QAM	1	74	22.86	0.193	22.89	0.195	22.74	0.188
15	64QAM	36	0	21.82	0.152	21.98	0.158	21.70	0.148
15	64QAM	36	20	21.84	0.153	21.69	0.148	21.86	0.153
15	64QAM	36	39	21.88	0.154	21.82	0.152	21.67	0.147
15	64QAM	75	0	21.79	0.151	21.95	0.157	21.62	0.145
15	256QAM	1	0	19.74	0.094	19.87	0.097	19.55	0.090
15	256QAM	1	37	19.52	0.090	19.86	0.097	19.72	0.094
15	256QAM	1	74	19.73	0.094	19.68	0.093	19.61	0.091
15	256QAM	36	0	18.56	0.072	18.78	0.076	18.74	0.075
15	256QAM	36	20	18.61	0.073	18.82	0.076	18.78	0.076
15	256QAM	36	39	18.62	0.073	18.61	0.073	18.52	0.071
15	256QAM	75	0	18.55	0.072	18.71	0.074	18.58	0.072



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				132022		132322		132622	
Frequency (MHz)				1715		1745		1775	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	24.80	0.302	24.86	0.306	24.70	0.295
10	QPSK	1	25	24.69	0.294	24.83	0.304	24.56	0.286
10	QPSK	1	49	24.59	0.288	24.79	0.301	24.54	0.284
10	QPSK	25	0	23.95	0.248	23.97	0.249	23.74	0.237
10	QPSK	25	12	23.83	0.242	24.04	0.254	23.80	0.240
10	QPSK	25	25	23.76	0.238	23.88	0.244	23.72	0.236
10	QPSK	50	0	23.71	0.235	23.77	0.238	23.73	0.236
10	16QAM	1	0	23.96	0.249	23.97	0.249	24.04	0.254
10	16QAM	1	25	24.06	0.255	24.11	0.258	24.06	0.255
10	16QAM	1	49	24.00	0.251	24.02	0.252	23.92	0.247
10	16QAM	25	0	22.95	0.197	22.97	0.198	22.95	0.197
10	16QAM	25	12	22.74	0.188	23.00	0.200	22.80	0.191
10	16QAM	25	25	22.87	0.194	22.84	0.192	22.74	0.188
10	16QAM	50	0	22.74	0.188	22.80	0.191	22.87	0.194
10	64QAM	1	0	22.88	0.194	22.89	0.195	22.76	0.189
10	64QAM	1	25	22.73	0.187	22.77	0.189	22.77	0.189
10	64QAM	1	49	23.02	0.200	22.77	0.189	22.78	0.190
10	64QAM	25	0	21.73	0.149	22.03	0.160	21.68	0.147
10	64QAM	25	12	21.96	0.157	21.80	0.151	21.91	0.155
10	64QAM	25	25	21.84	0.153	21.72	0.149	21.66	0.147
10	64QAM	50	0	21.73	0.149	21.86	0.153	21.61	0.145
10	256QAM	1	0	19.71	0.094	19.94	0.099	19.62	0.092
10	256QAM	1	25	19.61	0.091	19.87	0.097	19.71	0.094
10	256QAM	1	49	19.78	0.095	19.50	0.089	19.52	0.090
10	256QAM	25	0	18.64	0.073	18.85	0.077	18.68	0.074
10	256QAM	25	12	18.61	0.073	18.75	0.075	18.88	0.077
10	256QAM	25	25	18.72	0.074	18.64	0.073	18.50	0.071
10	256QAM	50	0	18.55	0.072	18.72	0.074	18.57	0.072



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				131997		132322		132647	
Frequency (MHz)				1712.5		1745		1777.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	24.82	0.303	24.87	0.307	24.74	0.298
5	QPSK	1	12	24.68	0.294	24.81	0.303	24.67	0.293
5	QPSK	1	24	24.57	0.286	24.71	0.296	24.56	0.286
5	QPSK	12	0	23.96	0.249	23.91	0.246	23.89	0.245
5	QPSK	12	7	23.86	0.243	23.97	0.249	23.85	0.243
5	QPSK	12	13	23.74	0.237	23.98	0.250	23.69	0.234
5	QPSK	25	0	23.80	0.240	23.75	0.237	23.78	0.239
5	16QAM	1	0	24.02	0.252	23.99	0.251	24.05	0.254
5	16QAM	1	12	23.98	0.250	24.07	0.255	24.08	0.256
5	16QAM	1	24	23.91	0.246	24.07	0.255	23.86	0.243
5	16QAM	12	0	22.98	0.199	23.09	0.204	22.97	0.198
5	16QAM	12	7	22.79	0.190	22.95	0.197	22.95	0.197
5	16QAM	12	13	22.79	0.190	22.82	0.191	22.80	0.191
5	16QAM	25	0	22.78	0.190	22.65	0.184	22.76	0.189
5	64QAM	1	0	22.87	0.194	22.94	0.197	22.81	0.191
5	64QAM	1	12	22.68	0.185	22.80	0.191	22.67	0.185
5	64QAM	1	24	22.92	0.196	22.72	0.187	22.68	0.185
5	64QAM	12	0	21.67	0.147	21.88	0.154	21.72	0.149
5	64QAM	12	7	21.77	0.150	21.70	0.148	21.78	0.151
5	64QAM	12	13	21.79	0.151	21.78	0.151	21.64	0.146
5	64QAM	25	0	21.81	0.152	21.84	0.153	21.65	0.146
5	256QAM	1	0	19.71	0.094	19.87	0.097	19.52	0.090
5	256QAM	1	12	19.53	0.090	19.83	0.096	19.81	0.096
5	256QAM	1	24	19.61	0.091	19.66	0.092	19.54	0.090
5	256QAM	12	0	18.67	0.074	18.75	0.075	18.78	0.076
5	256QAM	12	7	18.65	0.073	18.63	0.073	18.73	0.075
5	256QAM	12	13	18.66	0.073	18.58	0.072	18.56	0.072
5	256QAM	25	0	18.52	0.071	18.67	0.074	18.59	0.072



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				131987		132322		132657	
Frequency (MHz)				1711.5		1745		1778.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	24.68	0.294	24.84	0.305	24.69	0.294
3	QPSK	1	8	24.73	0.297	24.79	0.301	24.56	0.286
3	QPSK	1	14	24.74	0.298	24.65	0.292	24.68	0.294
3	QPSK	8	0	23.91	0.246	23.94	0.248	23.82	0.241
3	QPSK	8	4	23.68	0.233	23.95	0.248	23.91	0.246
3	QPSK	8	7	23.70	0.234	23.84	0.242	23.67	0.233
3	QPSK	15	0	23.67	0.233	23.69	0.234	23.73	0.236
3	16QAM	1	0	23.96	0.249	23.98	0.250	24.05	0.254
3	16QAM	1	8	23.90	0.245	23.95	0.248	24.05	0.254
3	16QAM	1	14	24.01	0.252	24.07	0.255	23.79	0.239
3	16QAM	8	0	23.04	0.201	22.93	0.196	23.00	0.200
3	16QAM	8	4	22.83	0.192	22.90	0.195	22.83	0.192
3	16QAM	8	7	22.80	0.191	22.93	0.196	22.80	0.191
3	16QAM	15	0	22.66	0.185	22.81	0.191	22.86	0.193
3	64QAM	1	0	22.72	0.187	22.95	0.197	22.70	0.186
3	64QAM	1	8	22.67	0.185	22.84	0.192	22.84	0.192
3	64QAM	1	14	22.98	0.199	22.74	0.188	22.80	0.191
3	64QAM	8	0	21.72	0.149	21.97	0.157	21.71	0.148
3	64QAM	8	4	21.88	0.154	21.71	0.148	21.82	0.152
3	64QAM	8	7	21.83	0.152	21.89	0.155	21.71	0.148
3	64QAM	15	0	21.82	0.152	21.85	0.153	21.62	0.145
3	256QAM	1	0	19.75	0.094	19.77	0.095	19.69	0.093
3	256QAM	1	8	19.57	0.091	19.69	0.093	19.77	0.095
3	256QAM	1	14	19.68	0.093	19.62	0.092	19.53	0.090
3	256QAM	8	0	18.62	0.073	18.85	0.077	18.69	0.074
3	256QAM	8	4	18.67	0.074	18.66	0.073	18.77	0.075
3	256QAM	8	7	18.67	0.074	18.64	0.073	18.74	0.075
3	256QAM	15	0	18.55	0.072	18.67	0.074	18.62	0.073



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				131979		132322		132665	
Frequency (MHz)				1710.7		1745		1779.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	24.77	0.300	24.85	0.305	24.79	0.301
1.4	QPSK	1	3	24.81	0.303	24.72	0.296	24.65	0.292
1.4	QPSK	1	5	24.57	0.286	24.69	0.294	24.63	0.290
1.4	QPSK	3	0	23.84	0.242	23.97	0.249	23.90	0.245
1.4	QPSK	3	1	23.79	0.239	23.89	0.245	23.75	0.237
1.4	QPSK	3	3	23.79	0.239	23.85	0.243	23.63	0.231
1.4	QPSK	6	0	23.75	0.237	23.72	0.236	23.87	0.244
1.4	16QAM	1	0	23.99	0.251	23.99	0.251	23.92	0.247
1.4	16QAM	1	3	24.07	0.255	24.11	0.258	24.01	0.252
1.4	16QAM	1	5	23.86	0.243	24.06	0.255	23.78	0.239
1.4	16QAM	3	0	22.91	0.195	22.96	0.198	22.84	0.192
1.4	16QAM	3	1	22.67	0.185	22.88	0.194	22.87	0.194
1.4	16QAM	3	3	22.76	0.189	22.97	0.198	22.81	0.191
1.4	16QAM	6	0	22.73	0.187	22.71	0.187	22.69	0.186
1.4	64QAM	1	0	22.79	0.190	22.99	0.199	22.73	0.187
1.4	64QAM	1	3	22.82	0.191	22.72	0.187	22.67	0.185
1.4	64QAM	1	5	22.97	0.198	22.90	0.195	22.72	0.187
1.4	64QAM	3	0	21.68	0.147	21.86	0.153	21.66	0.147
1.4	64QAM	3	1	21.85	0.153	21.81	0.152	21.89	0.155
1.4	64QAM	3	3	21.81	0.152	21.72	0.149	21.77	0.150
1.4	64QAM	6	0	21.91	0.155	21.93	0.156	21.75	0.150
1.4	256QAM	1	0	19.75	0.094	19.79	0.095	19.71	0.094
1.4	256QAM	1	3	19.63	0.092	19.82	0.096	19.82	0.096
1.4	256QAM	1	5	19.67	0.093	19.63	0.092	19.61	0.091
1.4	256QAM	3	0	18.63	0.073	18.80	0.076	18.79	0.076
1.4	256QAM	3	1	18.61	0.073	18.75	0.075	18.89	0.077
1.4	256QAM	3	3	18.58	0.072	18.56	0.072	18.53	0.071
1.4	256QAM	6	0	18.62	0.073	18.80	0.076	18.66	0.073



LTE Band 71				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				133222		133322		133372	
Frequency (MHz)				673		683		688	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	16.90	0.049	16.98	0.050	16.89	0.049
20	QPSK	1	49	16.88	0.049	16.95	0.050	16.67	0.046
20	QPSK	1	99	16.83	0.048	16.86	0.049	16.66	0.046
20	QPSK	50	0	15.99	0.040	16.04	0.040	16.02	0.040
20	QPSK	50	24	15.94	0.039	16.02	0.040	15.94	0.039
20	QPSK	50	50	15.91	0.039	15.96	0.039	15.78	0.038
20	QPSK	100	0	15.92	0.039	15.89	0.039	15.99	0.040
20	16QAM	1	0	16.05	0.040	16.24	0.042	16.00	0.040
20	16QAM	1	49	16.03	0.040	16.27	0.042	16.20	0.042
20	16QAM	1	99	16.04	0.040	16.27	0.042	15.98	0.040
20	16QAM	50	0	15.04	0.032	15.15	0.033	15.13	0.033
20	16QAM	50	24	14.94	0.031	15.04	0.032	14.92	0.031
20	16QAM	50	50	14.92	0.031	15.07	0.032	14.83	0.030
20	16QAM	100	0	14.86	0.031	14.86	0.031	14.86	0.031
20	64QAM	1	0	14.90	0.031	15.13	0.033	14.85	0.031
20	64QAM	1	49	14.97	0.031	14.97	0.031	14.92	0.031
20	64QAM	1	99	15.02	0.032	14.96	0.031	14.83	0.030
20	64QAM	50	0	13.89	0.024	14.23	0.026	13.89	0.024
20	64QAM	50	24	13.93	0.025	13.80	0.024	13.94	0.025
20	64QAM	50	50	14.00	0.025	13.92	0.025	13.94	0.025
20	64QAM	100	0	13.99	0.025	14.13	0.026	13.82	0.024
20	256QAM	1	0	11.90	0.015	12.05	0.016	11.85	0.015
20	256QAM	1	49	11.85	0.015	11.98	0.016	11.88	0.015
20	256QAM	1	99	11.95	0.016	11.74	0.015	11.82	0.015
20	256QAM	50	0	10.82	0.012	11.03	0.013	10.92	0.012
20	256QAM	50	24	10.69	0.012	10.93	0.012	11.04	0.013
20	256QAM	50	50	10.92	0.012	10.78	0.012	10.68	0.012
20	256QAM	100	0	10.73	0.012	10.89	0.012	10.80	0.012



LTE Band 71				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				133197		133297		133397	
Frequency (MHz)				670.5		680.5		690.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	16.94	0.049	16.96	0.050	16.83	0.048
15	QPSK	1	37	16.78	0.048	16.82	0.048	16.72	0.047
15	QPSK	1	74	16.74	0.047	16.78	0.048	16.68	0.047
15	QPSK	36	0	16.13	0.041	15.98	0.040	15.85	0.038
15	QPSK	36	20	15.82	0.038	16.04	0.040	15.89	0.039
15	QPSK	36	39	15.99	0.040	16.00	0.040	15.82	0.038
15	QPSK	75	0	15.85	0.038	15.87	0.039	15.86	0.039
15	16QAM	1	0	16.07	0.040	16.21	0.042	16.13	0.041
15	16QAM	1	37	16.21	0.042	16.16	0.041	16.08	0.041
15	16QAM	1	74	16.13	0.041	16.27	0.042	15.94	0.039
15	16QAM	36	0	15.14	0.033	15.17	0.033	14.99	0.032
15	16QAM	36	20	14.89	0.031	14.94	0.031	14.99	0.032
15	16QAM	36	39	14.88	0.031	15.08	0.032	14.94	0.031
15	16QAM	75	0	14.88	0.031	14.94	0.031	14.90	0.031
15	64QAM	1	0	14.85	0.031	15.16	0.033	14.88	0.031
15	64QAM	1	37	14.93	0.031	14.91	0.031	14.84	0.030
15	64QAM	1	74	15.01	0.032	14.86	0.031	14.80	0.030
15	64QAM	36	0	13.92	0.025	14.25	0.027	13.93	0.025
15	64QAM	36	20	13.96	0.025	14.00	0.025	14.09	0.026
15	64QAM	36	39	14.08	0.026	14.02	0.025	13.90	0.025
15	64QAM	75	0	13.92	0.025	14.08	0.026	13.72	0.024
15	256QAM	1	0	12.04	0.016	11.98	0.016	11.87	0.015
15	256QAM	1	37	11.78	0.015	12.03	0.016	12.06	0.016
15	256QAM	1	74	11.87	0.015	11.82	0.015	11.77	0.015
15	256QAM	36	0	10.76	0.012	11.12	0.013	10.89	0.012
15	256QAM	36	20	10.87	0.012	10.88	0.012	11.04	0.013
15	256QAM	36	39	10.80	0.012	10.80	0.012	10.71	0.012
15	256QAM	75	0	10.72	0.012	10.91	0.012	10.76	0.012



LTE Band 71				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				133172		133297		133422	
Frequency (MHz)				668		680.5		693	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	16.88	0.049	16.92	0.049	16.91	0.049
10	QPSK	1	25	16.82	0.048	16.91	0.049	16.73	0.047
10	QPSK	1	49	16.87	0.049	16.86	0.049	16.76	0.047
10	QPSK	25	0	16.12	0.041	16.02	0.040	15.88	0.039
10	QPSK	25	12	15.93	0.039	16.05	0.040	15.98	0.040
10	QPSK	25	25	15.88	0.039	16.07	0.040	15.85	0.038
10	QPSK	50	0	15.96	0.039	15.88	0.039	15.87	0.039
10	16QAM	1	0	16.10	0.041	16.15	0.041	16.03	0.040
10	16QAM	1	25	16.03	0.040	16.26	0.042	16.17	0.041
10	16QAM	1	49	16.13	0.041	16.24	0.042	16.06	0.040
10	16QAM	25	0	15.13	0.033	15.15	0.033	14.96	0.031
10	16QAM	25	12	14.83	0.030	14.99	0.032	15.08	0.032
10	16QAM	25	25	15.01	0.032	14.90	0.031	14.84	0.030
10	16QAM	50	0	14.82	0.030	14.97	0.031	14.94	0.031
10	64QAM	1	0	15.02	0.032	15.15	0.033	14.91	0.031
10	64QAM	1	25	14.92	0.031	14.96	0.031	14.94	0.031
10	64QAM	1	49	15.00	0.032	14.90	0.031	14.88	0.031
10	64QAM	25	0	13.93	0.025	14.24	0.027	13.97	0.025
10	64QAM	25	12	13.89	0.024	13.99	0.025	14.03	0.025
10	64QAM	25	25	14.03	0.025	13.92	0.025	13.91	0.025
10	64QAM	50	0	13.92	0.025	14.00	0.025	13.93	0.025
10	256QAM	1	0	11.86	0.015	12.05	0.016	11.89	0.015
10	256QAM	1	25	11.90	0.015	11.98	0.016	11.95	0.016
10	256QAM	1	49	11.83	0.015	11.83	0.015	11.80	0.015
10	256QAM	25	0	10.83	0.012	11.12	0.013	10.81	0.012
10	256QAM	25	12	10.70	0.012	10.85	0.012	11.03	0.013
10	256QAM	25	25	10.91	0.012	10.92	0.012	10.74	0.012
10	256QAM	50	0	10.69	0.012	10.94	0.012	10.71	0.012



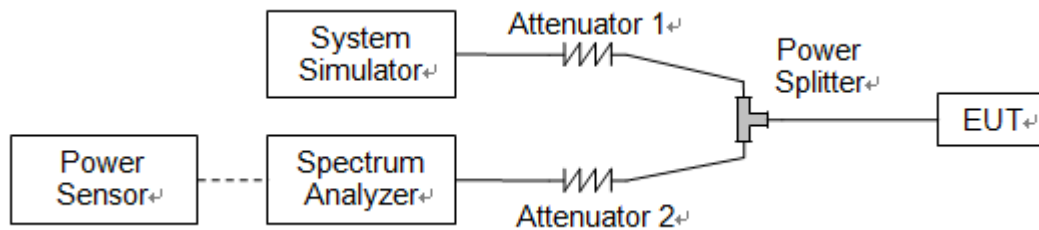
LTE Band 71				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				133147		133297		133447	
Frequency (MHz)				665.5		680.5		695.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	16.85	0.048	16.91	0.049	16.86	0.049
5	QPSK	1	12	16.77	0.048	16.89	0.049	16.87	0.049
5	QPSK	1	24	16.72	0.047	16.88	0.049	16.68	0.047
5	QPSK	12	0	15.95	0.039	15.98	0.040	15.90	0.039
5	QPSK	12	7	15.87	0.039	16.01	0.040	15.93	0.039
5	QPSK	12	13	15.79	0.038	15.97	0.040	15.75	0.038
5	QPSK	25	0	15.91	0.039	15.96	0.039	15.94	0.039
5	16QAM	1	0	16.08	0.041	16.19	0.042	16.04	0.040
5	16QAM	1	12	16.19	0.042	16.22	0.042	16.03	0.040
5	16QAM	1	24	16.05	0.040	16.21	0.042	15.93	0.039
5	16QAM	12	0	15.16	0.033	15.20	0.033	14.98	0.031
5	16QAM	12	7	14.92	0.031	15.03	0.032	15.08	0.032
5	16QAM	12	13	14.85	0.031	14.92	0.031	14.95	0.031
5	16QAM	25	0	14.87	0.031	14.95	0.031	14.87	0.031
5	64QAM	1	0	15.05	0.032	15.03	0.032	14.97	0.031
5	64QAM	1	12	14.90	0.031	15.00	0.032	14.83	0.030
5	64QAM	1	24	15.18	0.033	14.92	0.031	14.86	0.031
5	64QAM	12	0	13.88	0.024	14.20	0.026	13.79	0.024
5	64QAM	12	7	13.96	0.025	13.91	0.025	13.98	0.025
5	64QAM	12	13	13.90	0.025	13.98	0.025	13.88	0.024
5	64QAM	25	0	13.93	0.025	14.05	0.025	13.83	0.024
5	256QAM	1	0	12.03	0.016	12.03	0.016	11.80	0.015
5	256QAM	1	12	11.75	0.015	12.01	0.016	11.96	0.016
5	256QAM	1	24	11.83	0.015	11.85	0.015	11.77	0.015
5	256QAM	12	0	10.69	0.012	10.92	0.012	10.96	0.012
5	256QAM	12	7	10.81	0.012	11.00	0.013	10.98	0.013
5	256QAM	12	13	10.80	0.012	10.80	0.012	10.71	0.012
5	256QAM	25	0	10.83	0.012	11.01	0.013	10.84	0.012

2.2. Occupied Bandwidth

2.2.1. Requirement

According to FCC section 2.1049, the occupied bandwidth is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers radiated are each equal to 0.5 percent of the total mean power radiated by a given emission. Occupied bandwidth is also known as the 99% emission bandwidth.

2.2.2. Test Description



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

2.2.3. Test Procedure

KDB 971168 D01v03 Section 4.1 and ANSI/TIA-603-E-2016.

2.2.4. Test Result



LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	P/F
B2	1.4	Low	18607	1850.7	QPSK	1.10	1.36	PASS
B2	1.4	Low	18607	1850.7	16QAM	1.11	1.35	PASS
B2	1.4	Low	18607	1850.7	64QAM	1.10	1.38	PASS
B2	1.4	Low	18607	1850.7	256QAM	1.10	1.37	PASS
B2	1.4	Mid	18900	1880	QPSK	1.10	1.34	PASS
B2	1.4	Mid	18900	1880	16QAM	1.11	1.36	PASS
B2	1.4	Mid	18900	1880	64QAM	1.10	1.43	PASS
B2	1.4	Mid	18900	1880	256QAM	1.10	1.34	PASS
B2	1.4	High	19193	1909.3	QPSK	1.10	1.38	PASS
B2	1.4	High	19193	1909.3	16QAM	1.11	1.36	PASS
B2	1.4	High	19193	1909.3	64QAM	1.11	1.33	PASS
B2	1.4	High	19193	1909.3	256QAM	1.10	1.36	PASS
B2	3	Low	18615	1851.5	QPSK	2.71	3.11	PASS
B2	3	Low	18615	1851.5	16QAM	2.73	3.05	PASS
B2	3	Low	18615	1851.5	64QAM	2.72	3.03	PASS
B2	3	Low	18615	1851.5	256QAM	2.72	3.04	PASS
B2	3	Mid	18900	1880	QPSK	2.71	3.02	PASS
B2	3	Mid	18900	1880	16QAM	2.71	3.04	PASS
B2	3	Mid	18900	1880	64QAM	2.71	3.07	PASS
B2	3	Mid	18900	1880	256QAM	2.71	3.05	PASS
B2	3	High	19185	1908.5	QPSK	2.71	3.05	PASS
B2	3	High	19185	1908.5	16QAM	2.71	3.03	PASS
B2	3	High	19185	1908.5	64QAM	2.71	3.07	PASS
B2	3	High	19185	1908.5	256QAM	2.72	3.02	PASS
B2	5	Low	18625	1852.5	QPSK	4.52	5.02	PASS
B2	5	Low	18625	1852.5	16QAM	4.52	5.16	PASS
B2	5	Low	18625	1852.5	64QAM	4.52	5.11	PASS
B2	5	Low	18625	1852.5	256QAM	4.52	5.09	PASS
B2	5	Mid	18900	1880	QPSK	4.52	5.07	PASS
B2	5	Mid	18900	1880	16QAM	4.52	5.11	PASS
B2	5	Mid	18900	1880	64QAM	4.51	5.11	PASS
B2	5	Mid	18900	1880	256QAM	4.52	5.21	PASS
B2	5	High	19175	1907.5	QPSK	4.52	5.08	PASS
B2	5	High	19175	1907.5	16QAM	4.55	5.13	PASS
B2	5	High	19175	1907.5	64QAM	4.52	5.20	PASS



B2	5	High	19175	1907.5	256QAM	4.51	5.08	PASS
B2	10	Low	18650	1855	QPSK	9.00	10.07	PASS
B2	10	Low	18650	1855	16QAM	9.05	9.98	PASS
B2	10	Low	18650	1855	64QAM	9.02	10.08	PASS
B2	10	Low	18650	1855	256QAM	9.00	9.96	PASS
B2	10	Mid	18900	1880	QPSK	9.00	10.11	PASS
B2	10	Mid	18900	1880	16QAM	9.01	10.08	PASS
B2	10	Mid	18900	1880	64QAM	9.00	10.12	PASS
B2	10	Mid	18900	1880	256QAM	9.02	10.02	PASS
B2	10	High	19150	1905	QPSK	9.04	10.16	PASS
B2	10	High	19150	1905	16QAM	9.01	10.04	PASS
B2	10	High	19150	1905	64QAM	9.04	10.05	PASS
B2	10	High	19150	1905	256QAM	9.03	9.96	PASS
B2	15	Low	18675	1857.5	QPSK	13.50	14.97	PASS
B2	15	Low	18675	1857.5	16QAM	13.49	14.86	PASS
B2	15	Low	18675	1857.5	64QAM	13.49	14.98	PASS
B2	15	Low	18675	1857.5	256QAM	13.47	14.90	PASS
B2	15	Mid	18900	1880	QPSK	13.49	14.76	PASS
B2	15	Mid	18900	1880	16QAM	13.51	14.89	PASS
B2	15	Mid	18900	1880	64QAM	13.50	15.00	PASS
B2	15	Mid	18900	1880	256QAM	13.48	14.78	PASS
B2	15	High	19125	1902.5	QPSK	13.52	14.87	PASS
B2	15	High	19125	1902.5	16QAM	13.51	14.87	PASS
B2	15	High	19125	1902.5	64QAM	13.49	14.81	PASS
B2	15	High	19125	1902.5	256QAM	13.53	14.90	PASS
B2	20	Low	18700	1860	QPSK	18.01	19.83	PASS
B2	20	Low	18700	1860	16QAM	17.98	19.80	PASS
B2	20	Low	18700	1860	64QAM	17.97	19.70	PASS
B2	20	Low	18700	1860	256QAM	17.98	19.48	PASS
B2	20	Mid	18900	1880	QPSK	18.02	19.92	PASS
B2	20	Mid	18900	1880	16QAM	18.01	19.90	PASS
B2	20	Mid	18900	1880	64QAM	17.99	19.77	PASS
B2	20	Mid	18900	1880	256QAM	18.04	19.79	PASS
B2	20	High	19100	1900	QPSK	18.02	19.79	PASS
B2	20	High	19100	1900	16QAM	18.08	19.79	PASS
B2	20	High	19100	1900	64QAM	18.11	19.76	PASS
B2	20	High	19100	1900	256QAM	18.08	19.64	PASS



LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	P/F
B4	1.4	Low	19957	1710.7	QPSK	1.10	1.35	PASS
B4	1.4	Low	19957	1710.7	16QAM	1.11	1.37	PASS
B4	1.4	Low	19957	1710.7	64QAM	1.10	1.32	PASS
B4	1.4	Low	19957	1710.7	256QAM	1.10	1.32	PASS
B4	1.4	Mid	20175	1732.5	QPSK	1.10	1.37	PASS
B4	1.4	Mid	20175	1732.5	16QAM	1.10	1.35	PASS
B4	1.4	Mid	20175	1732.5	64QAM	1.10	1.35	PASS
B4	1.4	Mid	20175	1732.5	256QAM	1.10	1.35	PASS
B4	1.4	High	20393	1754.3	QPSK	1.10	1.35	PASS
B4	1.4	High	20393	1754.3	16QAM	1.10	1.34	PASS
B4	1.4	High	20393	1754.3	64QAM	1.10	1.35	PASS
B4	1.4	High	20393	1754.3	256QAM	1.10	1.34	PASS
B4	3	Low	19965	1711.5	QPSK	2.73	3.04	PASS
B4	3	Low	19965	1711.5	16QAM	2.72	3.02	PASS
B4	3	Low	19965	1711.5	64QAM	2.71	3.06	PASS
B4	3	Low	19965	1711.5	256QAM	2.71	3.07	PASS
B4	3	Mid	20175	1732.5	QPSK	2.70	3.05	PASS
B4	3	Mid	20175	1732.5	16QAM	2.72	3.07	PASS
B4	3	Mid	20175	1732.5	64QAM	2.72	3.09	PASS
B4	3	Mid	20175	1732.5	256QAM	2.71	3.06	PASS
B4	3	High	20385	1753.5	QPSK	2.71	3.07	PASS
B4	3	High	20385	1753.5	16QAM	2.71	3.08	PASS
B4	3	High	20385	1753.5	64QAM	2.72	3.04	PASS
B4	3	High	20385	1753.5	256QAM	2.71	3.04	PASS
B4	5	Low	19975	1712.5	QPSK	4.53	5.09	PASS
B4	5	Low	19975	1712.5	16QAM	4.53	5.08	PASS
B4	5	Low	19975	1712.5	64QAM	4.53	5.19	PASS
B4	5	Low	19975	1712.5	256QAM	4.52	5.10	PASS
B4	5	Mid	20175	1732.5	QPSK	4.52	5.10	PASS
B4	5	Mid	20175	1732.5	16QAM	4.51	5.12	PASS
B4	5	Mid	20175	1732.5	64QAM	4.52	5.12	PASS
B4	5	Mid	20175	1732.5	256QAM	4.53	5.14	PASS
B4	5	High	20375	1752.5	QPSK	4.52	5.07	PASS
B4	5	High	20375	1752.5	16QAM	4.52	5.18	PASS
B4	5	High	20375	1752.5	64QAM	4.51	5.10	PASS



B4	5	High	20375	1752.5	256QAM	4.53	5.11	PASS
B4	10	Low	20000	1715	QPSK	9.02	10.10	PASS
B4	10	Low	20000	1715	16QAM	9.02	10.03	PASS
B4	10	Low	20000	1715	64QAM	9.03	10.02	PASS
B4	10	Low	20000	1715	256QAM	9.01	9.97	PASS
B4	10	Mid	20175	1732.5	QPSK	9.02	10.01	PASS
B4	10	Mid	20175	1732.5	16QAM	9.02	9.99	PASS
B4	10	Mid	20175	1732.5	64QAM	9.02	10.03	PASS
B4	10	Mid	20175	1732.5	256QAM	9.03	9.99	PASS
B4	10	High	20350	1750	QPSK	9.02	10.01	PASS
B4	10	High	20350	1750	16QAM	9.03	10.11	PASS
B4	10	High	20350	1750	64QAM	9.01	10.10	PASS
B4	10	High	20350	1750	256QAM	9.00	9.92	PASS
B4	15	Low	20025	1717.5	QPSK	13.54	14.96	PASS
B4	15	Low	20025	1717.5	16QAM	13.53	14.83	PASS
B4	15	Low	20025	1717.5	64QAM	13.50	14.83	PASS
B4	15	Low	20025	1717.5	256QAM	13.22	13.98	PASS
B4	15	Mid	20175	1732.5	QPSK	13.52	14.96	PASS
B4	15	Mid	20175	1732.5	16QAM	13.50	14.86	PASS
B4	15	Mid	20175	1732.5	64QAM	13.48	14.88	PASS
B4	15	Mid	20175	1732.5	256QAM	13.47	14.94	PASS
B4	15	High	20325	1747.5	QPSK	13.45	14.46	PASS
B4	15	High	20325	1747.5	16QAM	13.51	14.95	PASS
B4	15	High	20325	1747.5	64QAM	13.49	14.70	PASS
B4	15	High	20325	1747.5	256QAM	13.52	14.90	PASS
B4	20	Low	20050	1720	QPSK	18.16	19.09	PASS
B4	20	Low	20050	1720	16QAM	18.01	19.90	PASS
B4	20	Low	20050	1720	64QAM	18.06	19.77	PASS
B4	20	Low	20050	1720	256QAM	18.01	19.86	PASS
B4	20	Mid	20175	1732.5	QPSK	18.02	19.73	PASS
B4	20	Mid	20175	1732.5	16QAM	17.96	19.71	PASS
B4	20	Mid	20175	1732.5	64QAM	17.96	19.72	PASS
B4	20	Mid	20175	1732.5	256QAM	17.98	19.68	PASS
B4	20	High	20300	1745	QPSK	18.01	19.72	PASS
B4	20	High	20300	1745	16QAM	17.99	19.73	PASS
B4	20	High	20300	1745	64QAM	18.01	19.58	PASS
B4	20	High	20300	1745	256QAM	18.02	19.89	PASS



LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B5	1.4	Low	20407	824.7	QPSK	1.10	1.36	PASS
B5	1.4	Low	20407	824.7	16QAM	1.11	1.38	PASS
B5	1.4	Low	20407	824.7	64QAM	1.11	1.39	PASS
B5	1.4	Low	20407	824.7	256QAM	1.10	1.35	PASS
B5	1.4	Mid	20525	836.5	QPSK	1.11	1.36	PASS
B5	1.4	Mid	20525	836.5	16QAM	1.11	1.36	PASS
B5	1.4	Mid	20525	836.5	64QAM	1.10	1.35	PASS
B5	1.4	Mid	20525	836.5	256QAM	1.11	1.40	PASS
B5	1.4	High	20643	848.3	QPSK	1.10	1.35	PASS
B5	1.4	High	20643	848.3	16QAM	1.10	1.36	PASS
B5	1.4	High	20643	848.3	64QAM	1.11	1.37	PASS
B5	1.4	High	20643	848.3	256QAM	1.11	1.37	PASS
B5	3	Low	20415	825.5	QPSK	2.71	3.07	PASS
B5	3	Low	20415	825.5	16QAM	2.71	3.08	PASS
B5	3	Low	20415	825.5	64QAM	2.71	3.07	PASS
B5	3	Low	20415	825.5	256QAM	2.69	2.91	PASS
B5	3	Mid	20525	836.5	QPSK	2.71	3.06	PASS
B5	3	Mid	20525	836.5	16QAM	2.72	3.06	PASS
B5	3	Mid	20525	836.5	64QAM	2.73	3.06	PASS
B5	3	Mid	20525	836.5	256QAM	2.72	3.09	PASS
B5	3	High	20635	847.5	QPSK	2.71	3.07	PASS
B5	3	High	20635	847.5	16QAM	2.71	3.02	PASS
B5	3	High	20635	847.5	64QAM	2.72	3.04	PASS
B5	3	High	20635	847.5	256QAM	1.44	1.56	PASS
B5	5	Low	20425	826.5	QPSK	4.52	5.13	PASS
B5	5	Low	20425	826.5	16QAM	4.52	5.10	PASS
B5	5	Low	20425	826.5	64QAM	4.51	5.14	PASS
B5	5	Low	20425	826.5	256QAM	4.52	5.16	PASS
B5	5	Mid	20525	836.5	QPSK	4.52	5.12	PASS
B5	5	Mid	20525	836.5	16QAM	4.52	5.12	PASS
B5	5	Mid	20525	836.5	64QAM	4.53	5.16	PASS
B5	5	Mid	20525	836.5	256QAM	4.50	5.09	PASS
B5	5	High	20625	846.5	QPSK	4.50	5.04	PASS
B5	5	High	20625	846.5	16QAM	4.50	5.07	PASS
B5	5	High	20625	846.5	64QAM	4.51	5.05	PASS



B5	5	High	20625	846.5	256QAM	4.45	4.72	PASS
B5	10	Low	20450	829	QPSK	9.01	9.98	PASS
B5	10	Low	20450	829	16QAM	8.98	9.97	PASS
B5	10	Low	20450	829	64QAM	8.99	9.95	PASS
B5	10	Low	20450	829	256QAM	8.98	9.96	PASS
B5	10	Mid	20525	836.5	QPSK	8.98	9.98	PASS
B5	10	Mid	20525	836.5	16QAM	8.99	10.05	PASS
B5	10	Mid	20525	836.5	64QAM	8.99	10.00	PASS
B5	10	Mid	20525	836.5	256QAM	8.97	9.89	PASS
B5	10	High	20600	844	QPSK	8.95	9.85	PASS
B5	10	High	20600	844	16QAM	8.97	9.92	PASS
B5	10	High	20600	844	64QAM	8.94	9.96	PASS
B5	10	High	20600	844	256QAM	8.93	9.92	PASS



LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	P/F
B7	5	Low	20775	2502.5	QPSK	4.52	5.09	PASS
B7	5	Low	20775	2502.5	16QAM	4.51	5.08	PASS
B7	5	Low	20775	2502.5	64QAM	4.52	5.13	PASS
B7	5	Low	20775	2502.5	256QAM	4.53	5.09	PASS
B7	5	Mid	21100	2535	QPSK	4.51	5.10	PASS
B7	5	Mid	21100	2535	16QAM	4.51	5.10	PASS
B7	5	Mid	21100	2535	64QAM	4.52	5.11	PASS
B7	5	Mid	21100	2535	256QAM	4.53	5.11	PASS
B7	5	High	21425	2567.5	QPSK	4.53	5.07	PASS
B7	5	High	21425	2567.5	16QAM	4.52	5.71	PASS
B7	5	High	21425	2567.5	64QAM	4.53	5.15	PASS
B7	5	High	21425	2567.5	256QAM	4.51	5.13	PASS
B7	10	Low	20800	2505	QPSK	9.00	9.99	PASS
B7	10	Low	20800	2505	16QAM	9.02	9.94	PASS
B7	10	Low	20800	2505	64QAM	9.01	10.06	PASS
B7	10	Low	20800	2505	256QAM	9.03	9.96	PASS
B7	10	Mid	21100	2535	QPSK	9.02	10.17	PASS
B7	10	Mid	21100	2535	16QAM	9.02	10.11	PASS
B7	10	Mid	21100	2535	64QAM	8.99	10.04	PASS
B7	10	Mid	21100	2535	256QAM	9.02	9.92	PASS
B7	10	High	21400	2565	QPSK	9.00	9.94	PASS
B7	10	High	21400	2565	16QAM	8.99	9.80	PASS
B7	10	High	21400	2565	64QAM	9.00	10.00	PASS
B7	10	High	21400	2565	256QAM	8.99	9.96	PASS
B7	15	Low	20825	2507.5	QPSK	13.51	14.96	PASS
B7	15	Low	20825	2507.5	16QAM	13.46	14.91	PASS
B7	15	Low	20825	2507.5	64QAM	13.48	14.81	PASS
B7	15	Low	20825	2507.5	256QAM	13.46	14.77	PASS
B7	15	Mid	21100	2535	QPSK	13.52	14.77	PASS
B7	15	Mid	21100	2535	16QAM	13.50	14.94	PASS
B7	15	Mid	21100	2535	64QAM	13.50	14.87	PASS
B7	15	Mid	21100	2535	256QAM	13.50	14.65	PASS
B7	15	High	21375	2562.5	QPSK	13.46	14.84	PASS
B7	15	High	21375	2562.5	16QAM	13.46	14.73	PASS
B7	15	High	21375	2562.5	64QAM	13.46	14.57	PASS



B7	15	High	21375	2562.5	256QAM	13.41	14.70	PASS
B7	20	Low	20850	2510	QPSK	17.99	19.41	PASS
B7	20	Low	20850	2510	16QAM	17.97	19.49	PASS
B7	20	Low	20850	2510	64QAM	17.98	19.71	PASS
B7	20	Low	20850	2510	256QAM	17.96	19.81	PASS
B7	20	Mid	21100	2535	QPSK	18.04	19.90	PASS
B7	20	Mid	21100	2535	16QAM	18.03	19.66	PASS
B7	20	Mid	21100	2535	64QAM	18.01	19.71	PASS
B7	20	Mid	21100	2535	256QAM	18.00	19.70	PASS
B7	20	High	21350	2560	QPSK	17.91	19.72	PASS
B7	20	High	21350	2560	16QAM	17.90	19.40	PASS
B7	20	High	21350	2560	64QAM	17.86	19.65	PASS
B7	20	High	21350	2560	256QAM	17.88	19.66	PASS



LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B12	1.4	Low	23017	699.7	QPSK	1.10	1.35	PASS
B12	1.4	Low	23017	699.7	16QAM	1.10	1.38	PASS
B12	1.4	Low	23017	699.7	64QAM	1.10	1.40	PASS
B12	1.4	Low	23017	699.7	256QAM	1.11	1.36	PASS
B12	1.4	Mid	23095	707.5	QPSK	1.10	1.38	PASS
B12	1.4	Mid	23095	707.5	16QAM	1.10	1.36	PASS
B12	1.4	Mid	23095	707.5	64QAM	1.10	1.35	PASS
B12	1.4	Mid	23095	707.5	256QAM	1.10	1.35	PASS
B12	1.4	High	23173	715.3	QPSK	1.11	1.35	PASS
B12	1.4	High	23173	715.3	16QAM	1.11	1.34	PASS
B12	1.4	High	23173	715.3	64QAM	1.11	1.35	PASS
B12	1.4	High	23173	715.3	256QAM	1.10	1.36	PASS
B12	3	Low	23025	700.5	QPSK	2.71	3.07	PASS
B12	3	Low	23025	700.5	16QAM	2.71	3.06	PASS
B12	3	Low	23025	700.5	64QAM	2.72	3.05	PASS
B12	3	Low	23025	700.5	256QAM	2.72	3.12	PASS
B12	3	Mid	23095	707.5	QPSK	2.72	3.07	PASS
B12	3	Mid	23095	707.5	16QAM	2.71	3.06	PASS
B12	3	Mid	23095	707.5	64QAM	2.71	3.06	PASS
B12	3	Mid	23095	707.5	256QAM	2.71	3.06	PASS
B12	3	High	23165	714.5	QPSK	2.72	3.05	PASS
B12	3	High	23165	714.5	16QAM	2.71	3.07	PASS
B12	3	High	23165	714.5	64QAM	2.72	3.04	PASS
B12	3	High	23165	714.5	256QAM	2.70	3.04	PASS
B12	5	Low	23035	701.5	QPSK	4.51	5.07	PASS
B12	5	Low	23035	701.5	16QAM	4.52	5.12	PASS
B12	5	Low	23035	701.5	64QAM	4.52	5.12	PASS
B12	5	Low	23035	701.5	256QAM	4.51	5.10	PASS
B12	5	Mid	23095	707.5	QPSK	4.52	5.16	PASS
B12	5	Mid	23095	707.5	16QAM	4.52	5.21	PASS
B12	5	Mid	23095	707.5	64QAM	4.52	5.19	PASS
B12	5	Mid	23095	707.5	256QAM	4.52	5.10	PASS
B12	5	High	23155	713.5	QPSK	4.53	5.11	PASS
B12	5	High	23155	713.5	16QAM	4.50	5.10	PASS
B12	5	High	23155	713.5	64QAM	4.51	5.11	PASS



B12	5	High	23155	713.5	256QAM	4.53	5.07	PASS
B12	10	Low	23060	704	QPSK	8.98	9.95	PASS
B12	10	Low	23060	704	16QAM	8.98	9.95	PASS
B12	10	Low	23060	704	64QAM	9.00	10.01	PASS
B12	10	Low	23060	704	256QAM	8.99	9.89	PASS
B12	10	Mid	23095	707.5	QPSK	8.99	9.95	PASS
B12	10	Mid	23095	707.5	16QAM	8.98	10.06	PASS
B12	10	Mid	23095	707.5	64QAM	9.00	10.05	PASS
B12	10	Mid	23095	707.5	256QAM	8.99	9.96	PASS
B12	10	High	23130	711	QPSK	8.98	9.93	PASS
B12	10	High	23130	711	16QAM	8.98	9.93	PASS
B12	10	High	23130	711	64QAM	8.98	9.95	PASS
B12	10	High	23130	711	256QAM	8.98	9.91	PASS



LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B13	5	Low	23205	779.5	QPSK	4.53	5.11	PASS
B13	5	Low	23205	779.5	16QAM	4.52	5.11	PASS
B13	5	Low	23205	779.5	64QAM	4.50	5.11	PASS
B13	5	Low	23205	779.5	256QAM	4.51	5.06	PASS
B13	5	Mid	23230	782	QPSK	4.53	5.14	PASS
B13	5	Mid	23230	782	16QAM	4.51	5.11	PASS
B13	5	Mid	23230	782	64QAM	4.51	5.10	PASS
B13	5	Mid	23230	782	256QAM	4.51	5.20	PASS
B13	5	High	23255	784.5	QPSK	4.55	5.35	PASS
B13	5	High	23255	784.5	16QAM	4.54	5.74	PASS
B13	5	High	23255	784.5	64QAM	4.53	5.14	PASS
B13	5	High	23255	784.5	256QAM	4.53	5.14	PASS
B13	10	Mid	23230	782	QPSK	8.98	10.04	PASS
B13	10	Mid	23230	782	16QAM	8.98	9.93	PASS
B13	10	Mid	23230	782	64QAM	8.97	9.89	PASS
B13	10	Mid	23230	782	256QAM	8.98	9.88	PASS



LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B17	5	Low	23755	706.5	QPSK	4.52	5.05	PASS
B17	5	Low	23755	706.5	16QAM	4.52	5.17	PASS
B17	5	Low	23755	706.5	64QAM	4.52	5.06	PASS
B17	5	Low	23755	706.5	256QAM	4.52	5.10	PASS
B17	5	Mid	23790	710	QPSK	4.51	5.09	PASS
B17	5	Mid	23790	710	16QAM	4.51	5.12	PASS
B17	5	Mid	23790	710	64QAM	4.53	5.10	PASS
B17	5	Mid	23790	710	256QAM	4.53	5.13	PASS
B17	5	High	23825	713.5	QPSK	4.51	5.14	PASS
B17	5	High	23825	713.5	16QAM	4.52	5.18	PASS
B17	5	High	23825	713.5	64QAM	4.52	5.13	PASS
B17	5	High	23825	713.5	256QAM	4.54	5.13	PASS
B17	10	Low	23780	709	QPSK	9.00	10.01	PASS
B17	10	Low	23780	709	16QAM	8.97	9.98	PASS
B17	10	Low	23780	709	64QAM	8.97	9.94	PASS
B17	10	Low	23780	709	256QAM	8.98	9.91	PASS
B17	10	Mid	23790	710	QPSK	8.98	9.89	PASS
B17	10	Mid	23790	710	16QAM	8.98	10.13	PASS
B17	10	Mid	23790	710	64QAM	8.98	9.96	PASS
B17	10	Mid	23790	710	256QAM	8.98	10.05	PASS
B17	10	High	23800	711	QPSK	8.98	10.03	PASS
B17	10	High	23800	711	16QAM	8.99	10.00	PASS
B17	10	High	23800	711	64QAM	8.99	10.05	PASS
B17	10	High	23800	711	256QAM	8.87	9.42	PASS



LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	P/F
B25	1.4	Low	26047	1850.7	QPSK	1.10	1.31	PASS
B25	1.4	Low	26047	1850.7	16QAM	1.11	1.37	PASS
B25	1.4	Low	26047	1850.7	64QAM	1.10	1.33	PASS
B25	1.4	Low	26047	1850.7	256QAM	1.10	1.35	PASS
B25	1.4	Mid	26365	1882.5	QPSK	1.10	1.34	PASS
B25	1.4	Mid	26365	1882.5	16QAM	1.11	1.36	PASS
B25	1.4	Mid	26365	1882.5	64QAM	1.10	1.33	PASS
B25	1.4	Mid	26365	1882.5	256QAM	1.10	1.35	PASS
B25	1.4	High	26683	1914.3	QPSK	1.11	1.38	PASS
B25	1.4	High	26683	1914.3	16QAM	1.10	1.40	PASS
B25	1.4	High	26683	1914.3	64QAM	1.10	1.37	PASS
B25	1.4	High	26683	1914.3	256QAM	1.10	1.36	PASS
B25	3	Low	26055	1851.5	QPSK	2.70	3.02	PASS
B25	3	Low	26055	1851.5	16QAM	2.71	3.05	PASS
B25	3	Low	26055	1851.5	64QAM	2.72	3.04	PASS
B25	3	Low	26055	1851.5	256QAM	2.72	3.04	PASS
B25	3	Mid	26365	1882.5	QPSK	2.71	3.08	PASS
B25	3	Mid	26365	1882.5	16QAM	2.71	3.11	PASS
B25	3	Mid	26365	1882.5	64QAM	2.72	3.06	PASS
B25	3	Mid	26365	1882.5	256QAM	2.71	3.04	PASS
B25	3	High	26675	1913.5	QPSK	2.71	3.05	PASS
B25	3	High	26675	1913.5	16QAM	2.71	3.09	PASS
B25	3	High	26675	1913.5	64QAM	2.72	3.02	PASS
B25	3	High	26675	1913.5	256QAM	2.71	3.04	PASS
B25	5	Low	26065	1852.5	QPSK	4.53	5.17	PASS
B25	5	Low	26065	1852.5	16QAM	4.53	5.13	PASS
B25	5	Low	26065	1852.5	64QAM	4.51	4.98	PASS
B25	5	Low	26065	1852.5	256QAM	4.52	5.09	PASS
B25	5	Mid	26365	1882.5	QPSK	4.52	5.15	PASS
B25	5	Mid	26365	1882.5	16QAM	4.54	5.07	PASS
B25	5	Mid	26365	1882.5	64QAM	4.52	5.12	PASS
B25	5	Mid	26365	1882.5	256QAM	4.50	5.12	PASS
B25	5	High	26665	1912.5	QPSK	4.52	5.08	PASS
B25	5	High	26665	1912.5	16QAM	4.51	5.07	PASS
B25	5	High	26665	1912.5	64QAM	4.52	5.13	PASS



B25	5	High	26665	1912.5	256QAM	4.51	5.09	PASS
B25	10	Low	26090	1855	QPSK	9.00	10.07	PASS
B25	10	Low	26090	1855	16QAM	9.06	9.62	PASS
B25	10	Low	26090	1855	64QAM	9.00	10.04	PASS
B25	10	Low	26090	1855	256QAM	9.02	9.82	PASS
B25	10	Mid	26365	1882.5	QPSK	9.00	9.97	PASS
B25	10	Mid	26365	1882.5	16QAM	8.99	9.92	PASS
B25	10	Mid	26365	1882.5	64QAM	8.99	10.08	PASS
B25	10	Mid	26365	1882.5	256QAM	9.03	10.02	PASS
B25	10	High	26640	1910	QPSK	8.97	10.04	PASS
B25	10	High	26640	1910	16QAM	9.01	9.95	PASS
B25	10	High	26640	1910	64QAM	8.98	9.82	PASS
B25	10	High	26640	1910	256QAM	8.97	9.91	PASS
B25	15	Low	26115	1857.5	QPSK	13.47	14.86	PASS
B25	15	Low	26115	1857.5	16QAM	13.50	14.91	PASS
B25	15	Low	26115	1857.5	64QAM	13.52	14.77	PASS
B25	15	Low	26115	1857.5	256QAM	13.45	14.91	PASS
B25	15	Mid	26365	1882.5	QPSK	13.52	14.86	PASS
B25	15	Mid	26365	1882.5	16QAM	13.50	14.75	PASS
B25	15	Mid	26365	1882.5	64QAM	13.50	14.85	PASS
B25	15	Mid	26365	1882.5	256QAM	13.49	14.70	PASS
B25	15	High	26615	1907.5	QPSK	13.44	14.68	PASS
B25	15	High	26615	1907.5	16QAM	13.51	14.66	PASS
B25	15	High	26615	1907.5	64QAM	13.45	14.69	PASS
B25	15	High	26615	1907.5	256QAM	13.44	14.73	PASS
B25	20	Low	26140	1860	QPSK	18.00	19.70	PASS
B25	20	Low	26140	1860	16QAM	17.99	19.68	PASS
B25	20	Low	26140	1860	64QAM	18.03	19.32	PASS
B25	20	Low	26140	1860	256QAM	17.96	19.70	PASS
B25	20	Mid	26365	1882.5	QPSK	18.02	19.78	PASS
B25	20	Mid	26365	1882.5	16QAM	17.99	19.75	PASS
B25	20	Mid	26365	1882.5	64QAM	18.00	19.67	PASS
B25	20	Mid	26365	1882.5	256QAM	17.97	19.82	PASS
B25	20	High	26590	1905	QPSK	17.97	19.72	PASS
B25	20	High	26590	1905	16QAM	17.99	19.78	PASS
B25	20	High	26590	1905	64QAM	17.96	19.64	PASS
B25	20	High	26590	1905	256QAM	17.96	19.59	PASS



LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B26 Part22	1.4	Low	26797	824.7	QPSK	1.10	1.37	PASS
B26 Part22	1.4	Low	26797	824.7	16QAM	1.10	1.37	PASS
B26 Part22	1.4	Low	26797	824.7	64QAM	1.10	1.34	PASS
B26 Part22	1.4	Low	26797	824.7	256QAM	1.11	1.34	PASS
B26 Part22	1.4	Mid	26915	836.5	QPSK	1.11	1.37	PASS
B26 Part22	1.4	Mid	26915	836.5	16QAM	1.11	1.38	PASS
B26 Part22	1.4	Mid	26915	836.5	64QAM	1.10	1.34	PASS
B26 Part22	1.4	Mid	26915	836.5	256QAM	1.11	1.34	PASS
B26 Part22	1.4	High	27033	848.3	QPSK	1.10	1.36	PASS
B26 Part22	1.4	High	27033	848.3	16QAM	1.11	1.35	PASS
B26 Part22	1.4	High	27033	848.3	64QAM	1.11	1.37	PASS
B26 Part22	1.4	High	27033	848.3	256QAM	1.10	1.36	PASS
B26 Part22	3	Low	26805	825.5	QPSK	2.71	3.07	PASS
B26 Part22	3	Low	26805	825.5	16QAM	2.71	3.04	PASS
B26 Part22	3	Low	26805	825.5	64QAM	2.71	3.04	PASS
B26 Part22	3	Low	26805	825.5	256QAM	2.71	3.08	PASS
B26 Part22	3	Mid	26915	836.5	QPSK	2.71	3.08	PASS
B26	3	Mid	26915	836.5	16QAM	2.72	3.07	PASS



Part22								
B26 Part22	3	Mid	26915	836.5	64QAM	2.72	3.07	PASS
B26 Part22	3	Mid	26915	836.5	256QAM	2.71	3.06	PASS
B26 Part22	3	High	27025	847.5	QPSK	2.71	3.07	PASS
B26 Part22	3	High	27025	847.5	16QAM	2.72	3.03	PASS
B26 Part22	3	High	27025	847.5	64QAM	2.71	3.05	PASS
B26 Part22	3	High	27025	847.5	256QAM	2.71	3.05	PASS
B26 Part22	5	Low	26815	826.5	QPSK	4.53	5.15	PASS
B26 Part22	5	Low	26815	826.5	16QAM	4.53	5.13	PASS
B26 Part22	5	Low	26815	826.5	64QAM	4.52	5.18	PASS
B26 Part22	5	Low	26815	826.5	256QAM	4.51	5.18	PASS
B26 Part22	5	Mid	26915	836.5	QPSK	4.51	5.09	PASS
B26 Part22	5	Mid	26915	836.5	16QAM	4.53	5.15	PASS
B26 Part22	5	Mid	26915	836.5	64QAM	4.51	5.15	PASS
B26 Part22	5	Mid	26915	836.5	256QAM	4.54	5.12	PASS
B26 Part22	5	High	27015	846.5	QPSK	4.50	5.13	PASS
B26 Part22	5	High	27015	846.5	16QAM	4.51	5.09	PASS
B26 Part22	5	High	27015	846.5	64QAM	4.50	5.03	PASS
B26 Part22	5	High	27015	846.5	256QAM	4.52	5.08	PASS
B26	10	Low	26840	829	QPSK	9.00	10.00	PASS



Part22								
B26 Part22	10	Low	26840	829	16QAM	9.00	10.02	PASS
B26 Part22	10	Low	26840	829	64QAM	8.99	9.92	PASS
B26 Part22	10	Low	26840	829	256QAM	8.97	9.92	PASS
B26 Part22	10	Mid	26915	836.5	QPSK	9.02	10.16	PASS
B26 Part22	10	Mid	26915	836.5	16QAM	9.01	9.99	PASS
B26 Part22	10	Mid	26915	836.5	64QAM	8.99	10.02	PASS
B26 Part22	10	Mid	26915	836.5	256QAM	8.98	9.96	PASS
B26 Part22	10	High	26990	844	QPSK	8.96	9.92	PASS
B26 Part22	10	High	26990	844	16QAM	8.95	9.93	PASS
B26 Part22	10	High	26990	844	64QAM	8.97	9.94	PASS
B26 Part22	10	High	26990	844	256QAM	8.98	9.86	PASS
B26 Part22	15	Low	26865	831.5	QPSK	13.49	14.66	PASS
B26 Part22	15	Low	26865	831.5	16QAM	13.44	14.95	PASS
B26 Part22	15	Low	26865	831.5	64QAM	13.46	14.77	PASS
B26 Part22	15	Low	26865	831.5	256QAM	13.49	15.02	PASS
B26 Part22	15	Mid	26915	836.5	QPSK	13.50	14.84	PASS
B26 Part22	15	Mid	26915	836.5	16QAM	13.46	14.99	PASS
B26 Part22	15	Mid	26915	836.5	64QAM	13.48	14.85	PASS
B26	15	Mid	26915	836.5	256QAM	13.49	14.91	PASS



Part22								
B26 Part22	15	High	26965	841.5	QPSK	13.44	14.82	PASS
B26 Part22	15	High	26965	841.5	16QAM	13.44	14.78	PASS
B26 Part22	15	High	26965	841.5	64QAM	13.48	14.72	PASS
B26 Part22	15	High	26965	841.5	256QAM	13.49	14.71	PASS



LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B30	5	Low	27685	2307.5	QPSK	4.5218	5.1833	PASS
B30	5	Low	27685	2307.5	16QAM	4.5105	5.1207	PASS
B30	5	Low	27685	2307.5	64QAM	4.5072	5.0603	PASS
B30	5	Low	27685	2307.5	256QAM	4.5124	5.1505	PASS
B30	5	Mid	27710	2310	QPSK	4.5120	5.2161	PASS
B30	5	Mid	27710	2310	16QAM	4.5178	5.2948	PASS
B30	5	Mid	27710	2310	64QAM	4.5170	5.1446	PASS
B30	5	Mid	27710	2310	256QAM	4.5029	5.2260	PASS
B30	5	High	27735	2312.5	QPSK	4.5277	5.2190	PASS
B30	5	High	27735	2312.5	16QAM	4.5129	5.1315	PASS
B30	5	High	27735	2312.5	64QAM	4.5095	5.1956	PASS
B30	5	High	27735	2312.5	256QAM	4.4975	5.1367	PASS
B30	10	Mid	27710	2310	QPSK	9.0060	10.1298	PASS
B30	10	Mid	27710	2310	16QAM	9.0152	10.0331	PASS
B30	10	Mid	27710	2310	64QAM	9.0127	10.0504	PASS
B30	10	Mid	27710	2310	256QAM	8.9967	9.9797	PASS



LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	P/F
B38	5	Low	37775	2572.5	QPSK	4.52	5.08	PASS
B38	5	Low	37775	2572.5	16QAM	4.51	5.04	PASS
B38	5	Low	37775	2572.5	64QAM	4.50	5.02	PASS
B38	5	Low	37775	2572.5	256QAM	4.52	5.07	PASS
B38	5	Mid	38000	2595	QPSK	4.53	5.19	PASS
B38	5	Mid	38000	2595	16QAM	4.50	5.11	PASS
B38	5	Mid	38000	2595	64QAM	4.52	5.09	PASS
B38	5	Mid	38000	2595	256QAM	4.52	5.11	PASS
B38	5	High	38225	2617.5	QPSK	4.53	5.16	PASS
B38	5	High	38225	2617.5	16QAM	4.52	5.04	PASS
B38	5	High	38225	2617.5	64QAM	4.53	5.16	PASS
B38	5	High	38225	2617.5	256QAM	4.51	5.13	PASS
B38	10	Low	37800	2575	QPSK	9.00	9.90	PASS
B38	10	Low	37800	2575	16QAM	8.99	9.92	PASS
B38	10	Low	37800	2575	64QAM	8.99	10.05	PASS
B38	10	Low	37800	2575	256QAM	8.99	9.91	PASS
B38	10	Mid	38000	2595	QPSK	8.99	10.15	PASS
B38	10	Mid	38000	2595	16QAM	8.98	9.90	PASS
B38	10	Mid	38000	2595	64QAM	8.99	9.95	PASS
B38	10	Mid	38000	2595	256QAM	8.99	10.21	PASS
B38	10	High	38200	2615	QPSK	9.00	10.06	PASS
B38	10	High	38200	2615	16QAM	9.04	10.03	PASS
B38	10	High	38200	2615	64QAM	9.00	9.90	PASS
B38	10	High	38200	2615	256QAM	8.99	9.85	PASS
B38	15	Low	37825	2577.5	QPSK	13.48	14.82	PASS
B38	15	Low	37825	2577.5	16QAM	13.50	14.76	PASS
B38	15	Low	37825	2577.5	64QAM	13.53	14.71	PASS
B38	15	Low	37825	2577.5	256QAM	13.45	14.76	PASS
B38	15	Mid	38000	2595	QPSK	13.46	14.75	PASS
B38	15	Mid	38000	2595	16QAM	13.48	14.91	PASS
B38	15	Mid	38000	2595	64QAM	13.44	14.77	PASS
B38	15	Mid	38000	2595	256QAM	13.46	14.70	PASS
B38	15	High	38175	2612.5	QPSK	13.48	14.78	PASS
B38	15	High	38175	2612.5	16QAM	13.49	14.68	PASS
B38	15	High	38175	2612.5	64QAM	13.49	14.64	PASS



B38	15	High	38175	2612.5	256QAM	13.45	14.85	PASS
B38	20	Low	37850	2580	QPSK	17.96	19.63	PASS
B38	20	Low	37850	2580	16QAM	17.96	19.73	PASS
B38	20	Low	37850	2580	64QAM	17.88	18.97	PASS
B38	20	Low	37850	2580	256QAM	17.98	19.55	PASS
B38	20	Mid	38000	2595	QPSK	17.97	19.71	PASS
B38	20	Mid	38000	2595	16QAM	17.96	19.72	PASS
B38	20	Mid	38000	2595	64QAM	17.99	19.47	PASS
B38	20	Mid	38000	2595	256QAM	17.99	19.55	PASS
B38	20	High	38150	2610	QPSK	18.00	19.65	PASS
B38	20	High	38150	2610	16QAM	18.02	19.67	PASS
B38	20	High	38150	2610	64QAM	17.96	19.83	PASS
B38	20	High	38150	2610	256QAM	17.98	19.68	PASS



LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	P/F
B41	5	Low	39675	2498.5	QPSK	4.50	5.14	PASS
B41	5	Low	39675	2498.5	16QAM	4.52	5.04	PASS
B41	5	Low	39675	2498.5	64QAM	4.50	5.15	PASS
B41	5	Low	39675	2498.5	256QAM	4.51	5.05	PASS
B41	5	Mid	40620	2593	QPSK	4.50	5.13	PASS
B41	5	Mid	40620	2593	16QAM	4.51	5.09	PASS
B41	5	Mid	40620	2593	64QAM	4.54	5.12	PASS
B41	5	Mid	40620	2593	256QAM	4.53	5.06	PASS
B41	5	High	41565	2687.5	QPSK	4.53	5.04	PASS
B41	5	High	41565	2687.5	16QAM	4.53	5.13	PASS
B41	5	High	41565	2687.5	64QAM	4.52	5.04	PASS
B41	5	High	41565	2687.5	256QAM	4.52	5.00	PASS
B41	10	Low	39700	2501	QPSK	9.00	10.13	PASS
B41	10	Low	39700	2501	16QAM	8.97	9.84	PASS
B41	10	Low	39700	2501	64QAM	9.00	10.02	PASS
B41	10	Low	39700	2501	256QAM	9.03	9.89	PASS
B41	10	Mid	40620	2593	QPSK	8.95	9.86	PASS
B41	10	Mid	40620	2593	16QAM	8.99	9.87	PASS
B41	10	Mid	40620	2593	64QAM	9.04	10.03	PASS
B41	10	Mid	40620	2593	256QAM	8.98	9.83	PASS
B41	10	High	41540	2685	QPSK	9.01	9.86	PASS
B41	10	High	41540	2685	16QAM	9.01	9.99	PASS
B41	10	High	41540	2685	64QAM	9.03	9.91	PASS
B41	10	High	41540	2685	256QAM	9.01	9.78	PASS
B41	15	Low	39725	2503.5	QPSK	13.51	14.84	PASS
B41	15	Low	39725	2503.5	16QAM	13.48	14.75	PASS
B41	15	Low	39725	2503.5	64QAM	13.47	14.77	PASS
B41	15	Low	39725	2503.5	256QAM	13.49	14.76	PASS
B41	15	Mid	40620	2593	QPSK	13.47	14.79	PASS
B41	15	Mid	40620	2593	16QAM	13.50	14.68	PASS
B41	15	Mid	40620	2593	64QAM	13.50	14.81	PASS
B41	15	Mid	40620	2593	256QAM	13.45	14.66	PASS
B41	15	High	41515	2682.5	QPSK	13.47	14.91	PASS
B41	15	High	41515	2682.5	16QAM	13.48	14.85	PASS
B41	15	High	41515	2682.5	64QAM	13.50	14.62	PASS



B41	15	High	41515	2682.5	256QAM	13.51	14.75	PASS
B41	20	Low	39750	2506	QPSK	17.99	19.58	PASS
B41	20	Low	39750	2506	16QAM	18.04	19.87	PASS
B41	20	Low	39750	2506	64QAM	17.98	19.57	PASS
B41	20	Low	39750	2506	256QAM	18.01	19.45	PASS
B41	20	Mid	40620	2593	QPSK	17.96	19.66	PASS
B41	20	Mid	40620	2593	16QAM	18.01	19.58	PASS
B41	20	Mid	40620	2593	64QAM	18.00	19.58	PASS
B41	20	Mid	40620	2593	256QAM	18.01	19.52	PASS
B41	20	High	41490	2680	QPSK	18.02	19.70	PASS
B41	20	High	41490	2680	16QAM	18.03	19.67	PASS
B41	20	High	41490	2680	64QAM	18.00	19.55	PASS
B41	20	High	41490	2680	256QAM	18.01	19.69	PASS



LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B42	5	Low	42115	3452.5	QPSK	4.52	5.09	PASS
B42	5	Low	42115	3452.5	16QAM	4.53	5.17	PASS
B42	5	Low	42115	3452.5	64QAM	4.52	5.14	PASS
B42	5	Low	42115	3452.5	256QAM	4.52	5.15	PASS
B42	5	Mid	42590	3500	QPSK	4.54	5.14	PASS
B42	5	Mid	42590	3500	16QAM	4.51	5.06	PASS
B42	5	Mid	42590	3500	64QAM	4.51	5.02	PASS
B42	5	Mid	42590	3500	256QAM	4.52	5.12	PASS
B42	5	High	43065	3547.5	QPSK	4.53	5.18	PASS
B42	5	High	43065	3547.5	16QAM	4.50	5.20	PASS
B42	5	High	43065	3547.5	64QAM	4.52	5.10	PASS
B42	5	High	43065	3547.5	256QAM	4.52	5.01	PASS
B42	10	Low	42140	3455	QPSK	8.98	9.84	PASS
B42	10	Low	42140	3455	16QAM	9.02	9.96	PASS
B42	10	Low	42140	3455	64QAM	9.01	10.04	PASS
B42	10	Low	42140	3455	256QAM	9.00	9.86	PASS
B42	10	Mid	42590	3500	QPSK	9.01	9.90	PASS
B42	10	Mid	42590	3500	16QAM	9.00	10.02	PASS
B42	10	Mid	42590	3500	64QAM	8.97	10.00	PASS
B42	10	Mid	42590	3500	256QAM	9.01	9.91	PASS
B42	10	High	43040	3545	QPSK	8.99	9.98	PASS
B42	10	High	43040	3545	16QAM	8.99	9.90	PASS
B42	10	High	43040	3545	64QAM	9.01	10.01	PASS
B42	10	High	43040	3545	256QAM	9.01	9.90	PASS
B42	15	Low	42165	3457.5	QPSK	13.49	14.68	PASS
B42	15	Low	42165	3457.5	16QAM	13.53	14.76	PASS
B42	15	Low	42165	3457.5	64QAM	13.48	14.81	PASS
B42	15	Low	42165	3457.5	256QAM	13.51	14.72	PASS
B42	15	Mid	42590	3500	QPSK	13.48	14.74	PASS
B42	15	Mid	42590	3500	16QAM	13.48	14.96	PASS
B42	15	Mid	42590	3500	64QAM	13.47	15.02	PASS
B42	15	Mid	42590	3500	256QAM	13.47	14.89	PASS
B42	15	High	43015	3542.5	QPSK	13.50	14.74	PASS
B42	15	High	43015	3542.5	16QAM	13.51	14.80	PASS
B42	15	High	43015	3542.5	64QAM	13.46	14.91	PASS



B42	15	High	43015	3542.5	256QAM	13.47	14.87	PASS
B42	20	Low	42190	3460	QPSK	17.99	19.62	PASS
B42	20	Low	42190	3460	16QAM	17.97	19.47	PASS
B42	20	Low	42190	3460	64QAM	17.97	19.66	PASS
B42	20	Low	42190	3460	256QAM	17.93	19.53	PASS
B42	20	Mid	42590	3500	QPSK	18.00	19.66	PASS
B42	20	Mid	42590	3500	16QAM	18.00	19.53	PASS
B42	20	Mid	42590	3500	64QAM	17.95	19.57	PASS
B42	20	Mid	42590	3500	256QAM	17.98	19.58	PASS
B42	20	High	42990	3540	QPSK	18.01	19.66	PASS
B42	20	High	42990	3540	16QAM	18.02	19.77	PASS
B42	20	High	42990	3540	64QAM	17.91	19.63	PASS
B42	20	High	42990	3540	256QAM	17.94	19.64	PASS



LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B43	5	Low	44615	3702.5	QPSK	4.51	5.00	PASS
B43	5	Low	44615	3702.5	16QAM	4.49	4.95	PASS
B43	5	Low	44615	3702.5	64QAM	4.51	5.07	PASS
B43	5	Low	44615	3702.5	256QAM	4.44	4.81	PASS
B43	5	Mid	45090	3750	QPSK	4.51	4.90	PASS
B43	5	Mid	45090	3750	16QAM	4.51	5.04	PASS
B43	5	Mid	45090	3750	64QAM	4.52	5.07	PASS
B43	5	Mid	45090	3750	256QAM	4.53	5.01	PASS
B43	5	High	45565	3797.5	QPSK	4.52	5.03	PASS
B43	5	High	45565	3797.5	16QAM	4.52	5.07	PASS
B43	5	High	45565	3797.5	64QAM	4.51	5.06	PASS
B43	5	High	45565	3797.5	256QAM	4.50	5.14	PASS
B43	10	Low	44640	3705	QPSK	9.01	9.91	PASS
B43	10	Low	44640	3705	16QAM	9.00	9.75	PASS
B43	10	Low	44640	3705	64QAM	8.97	9.88	PASS
B43	10	Low	44640	3705	256QAM	8.90	9.32	PASS
B43	10	Mid	45090	3750	QPSK	9.02	9.68	PASS
B43	10	Mid	45090	3750	16QAM	8.96	10.03	PASS
B43	10	Mid	45090	3750	64QAM	8.96	9.99	PASS
B43	10	Mid	45090	3750	256QAM	8.97	9.97	PASS
B43	10	High	45540	3795	QPSK	9.03	9.94	PASS
B43	10	High	45540	3795	16QAM	9.01	9.84	PASS
B43	10	High	45540	3795	64QAM	9.01	9.98	PASS
B43	10	High	45540	3795	256QAM	8.99	9.75	PASS
B43	15	Low	44665	3707.5	QPSK	13.42	14.63	PASS
B43	15	Low	44665	3707.5	16QAM	13.44	14.62	PASS
B43	15	Low	44665	3707.5	64QAM	13.47	14.64	PASS
B43	15	Low	44665	3707.5	256QAM	13.36	14.17	PASS
B43	15	Mid	45090	3750	QPSK	13.47	14.49	PASS
B43	15	Mid	45090	3750	16QAM	13.47	14.52	PASS
B43	15	Mid	45090	3750	64QAM	13.45	14.71	PASS
B43	15	Mid	45090	3750	256QAM	13.46	14.71	PASS
B43	15	High	45515	3792.5	QPSK	13.49	14.70	PASS
B43	15	High	45515	3792.5	16QAM	13.51	14.67	PASS
B43	15	High	45515	3792.5	64QAM	13.45	14.64	PASS



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B43	15	High	45515	3792.5	256QAM	13.44	14.59	PASS
B43	20	Low	44690	3710	QPSK	17.92	19.45	PASS
B43	20	Low	44690	3710	16QAM	17.93	19.59	PASS
B43	20	Low	44690	3710	64QAM	17.95	19.19	PASS
B43	20	Low	44690	3710	256QAM	17.83	18.65	PASS
B43	20	Mid	45090	3750	QPSK	17.98	19.28	PASS
B43	20	Mid	45090	3750	16QAM	18.01	19.59	PASS
B43	20	Mid	45090	3750	64QAM	17.95	19.69	PASS
B43	20	Mid	45090	3750	256QAM	18.01	19.47	PASS
B43	20	High	45490	3790	QPSK	17.99	19.30	PASS
B43	20	High	45490	3790	16QAM	17.94	19.46	PASS
B43	20	High	45490	3790	64QAM	17.93	19.22	PASS
B43	20	High	45490	3790	256QAM	17.94	19.15	PASS



LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B66	1.4	Low	131979	1710.7	QPSK	1.10	1.31	PASS
B66	1.4	Low	131979	1710.7	16QAM	1.11	1.38	PASS
B66	1.4	Low	131979	1710.7	64QAM	1.11	1.38	PASS
B66	1.4	Low	131979	1710.7	256QAM	1.10	1.38	PASS
B66	3	Low	131987	1711.5	QPSK	2.71	3.07	PASS
B66	3	Low	131987	1711.5	16QAM	2.71	3.05	PASS
B66	3	Low	131987	1711.5	64QAM	2.71	3.03	PASS
B66	3	Low	131987	1711.5	256QAM	2.71	3.04	PASS
B66	5	Low	131997	1712.5	QPSK	4.52	5.12	PASS
B66	5	Low	131997	1712.5	16QAM	4.53	5.21	PASS
B66	5	Low	131997	1712.5	64QAM	4.52	5.17	PASS
B66	5	Low	131997	1712.5	256QAM	4.51	5.11	PASS
B66	10	Low	132022	1715	QPSK	9.01	10.15	PASS
B66	10	Low	132022	1715	16QAM	9.02	10.13	PASS
B66	10	Low	132022	1715	64QAM	9.02	10.09	PASS
B66	10	Low	132022	1715	256QAM	9.01	9.98	PASS
B66	15	Low	132047	1717.5	QPSK	13.52	14.92	PASS
B66	15	Low	132047	1717.5	16QAM	13.50	14.98	PASS
B66	15	Low	132047	1717.5	64QAM	13.55	14.95	PASS
B66	15	Low	132047	1717.5	256QAM	13.51	14.95	PASS
B66	20	Low	132072	1720	QPSK	18.01	19.79	PASS
B66	20	Low	132072	1720	16QAM	18.05	19.92	PASS
B66	20	Low	132072	1720	64QAM	18.05	19.77	PASS
B66	20	Low	132072	1720	256QAM	18.03	19.76	PASS
B66	1.4	Mid	132322	1745	QPSK	1.11	1.38	PASS
B66	1.4	Mid	132322	1745	16QAM	1.10	1.37	PASS
B66	1.4	Mid	132322	1745	64QAM	1.10	1.33	PASS
B66	1.4	Mid	132322	1745	256QAM	1.11	1.35	PASS
B66	3	Mid	132322	1745	QPSK	2.72	3.05	PASS
B66	3	Mid	132322	1745	16QAM	2.72	3.03	PASS
B66	3	Mid	132322	1745	64QAM	2.72	3.08	PASS
B66	3	Mid	132322	1745	256QAM	2.72	3.08	PASS
B66	5	Mid	132322	1745	QPSK	4.53	5.16	PASS
B66	5	Mid	132322	1745	16QAM	4.52	5.16	PASS
B66	5	Mid	132322	1745	64QAM	4.53	5.11	PASS



B66	5	Mid	132322	1745	256QAM	4.51	5.09	PASS
B66	10	Mid	132322	1745	QPSK	9.03	9.93	PASS
B66	10	Mid	132322	1745	16QAM	9.03	10.08	PASS
B66	10	Mid	132322	1745	64QAM	9.00	9.89	PASS
B66	10	Mid	132322	1745	256QAM	9.02	9.96	PASS
B66	15	Mid	132322	1745	QPSK	13.50	14.90	PASS
B66	15	Mid	132322	1745	16QAM	13.49	15.04	PASS
B66	15	Mid	132322	1745	64QAM	13.49	14.96	PASS
B66	15	Mid	132322	1745	256QAM	13.53	14.91	PASS
B66	20	Mid	132322	1745	QPSK	18.01	19.83	PASS
B66	20	Mid	132322	1745	16QAM	18.01	19.88	PASS
B66	20	Mid	132322	1745	64QAM	18.03	19.73	PASS
B66	20	Mid	132322	1745	256QAM	18.04	19.73	PASS
B66	1.4	High	132665	1779.3	QPSK	1.11	1.36	PASS
B66	1.4	High	132665	1779.3	16QAM	1.11	1.35	PASS
B66	1.4	High	132665	1779.3	64QAM	1.11	1.36	PASS
B66	1.4	High	132665	1779.3	256QAM	1.10	1.35	PASS
B66	3	High	132657	1778.5	QPSK	2.71	3.07	PASS
B66	3	High	132657	1778.5	16QAM	2.72	3.05	PASS
B66	3	High	132657	1778.5	64QAM	2.72	3.05	PASS
B66	3	High	132657	1778.5	256QAM	2.71	3.08	PASS
B66	5	High	132647	1777.5	QPSK	4.53	5.08	PASS
B66	5	High	132647	1777.5	16QAM	4.54	5.10	PASS
B66	5	High	132647	1777.5	64QAM	4.50	5.05	PASS
B66	5	High	132647	1777.5	256QAM	4.52	5.13	PASS
B66	10	High	132622	1775	QPSK	9.03	9.96	PASS
B66	10	High	132622	1775	16QAM	9.00	10.01	PASS
B66	10	High	132622	1775	64QAM	9.03	10.03	PASS
B66	10	High	132622	1775	256QAM	8.87	9.33	PASS
B66	15	High	132597	1772.5	QPSK	13.51	14.88	PASS
B66	15	High	132597	1772.5	16QAM	13.49	14.95	PASS
B66	15	High	132597	1772.5	64QAM	13.50	14.88	PASS
B66	15	High	132597	1772.5	256QAM	13.51	14.88	PASS
B66	20	High	132572	1770	QPSK	18.02	19.69	PASS
B66	20	High	132572	1770	16QAM	18.00	19.71	PASS
B66	20	High	132572	1770	64QAM	17.99	19.71	PASS
B66	20	High	132572	1770	256QAM	18.00	19.86	PASS



LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B71	5	Low	133147	665.5	QPSK	4.50	5.12	PASS
B71	5	Low	133147	665.5	16QAM	4.53	5.11	PASS
B71	5	Low	133147	665.5	64QAM	4.52	5.14	PASS
B71	5	Low	133147	665.5	256QAM	4.50	5.04	PASS
B71	5	Mid	133297	680.5	QPSK	4.53	5.17	PASS
B71	5	Mid	133297	680.5	16QAM	4.51	5.13	PASS
B71	5	Mid	133297	680.5	64QAM	4.52	5.19	PASS
B71	5	Mid	133297	680.5	256QAM	4.52	5.17	PASS
B71	5	High	133447	695.5	QPSK	4.53	5.11	PASS
B71	5	High	133447	695.5	16QAM	4.52	5.23	PASS
B71	5	High	133447	695.5	64QAM	4.52	5.12	PASS
B71	5	High	133447	695.5	256QAM	4.52	5.16	PASS
B71	10	Low	133172	668	QPSK	9.00	9.92	PASS
B71	10	Low	133172	668	16QAM	8.97	10.06	PASS
B71	10	Low	133172	668	64QAM	8.99	9.87	PASS
B71	10	Low	133172	668	256QAM	8.99	9.97	PASS
B71	10	Mid	133297	680.5	QPSK	8.99	9.96	PASS
B71	10	Mid	133297	680.5	16QAM	8.99	10.13	PASS
B71	10	Mid	133297	680.5	64QAM	8.98	10.11	PASS
B71	10	Mid	133297	680.5	256QAM	8.98	10.00	PASS
B71	10	High	133422	693	QPSK	8.98	9.95	PASS
B71	10	High	133422	693	16QAM	8.98	10.04	PASS
B71	10	High	133422	693	64QAM	8.99	9.90	PASS
B71	10	High	133422	693	256QAM	8.76	9.30	PASS
B71	15	Low	133197	670.5	QPSK	13.49	14.86	PASS
B71	15	Low	133197	670.5	16QAM	13.46	14.68	PASS
B71	15	Low	133197	670.5	64QAM	13.47	14.83	PASS
B71	15	Low	133197	670.5	256QAM	13.46	14.79	PASS
B71	15	Mid	133297	680.5	QPSK	13.46	14.98	PASS
B71	15	Mid	133297	680.5	16QAM	13.46	15.05	PASS
B71	15	Mid	133297	680.5	64QAM	13.46	14.95	PASS
B71	15	Mid	133297	680.5	256QAM	13.45	14.81	PASS
B71	15	High	133397	690.5	QPSK	13.49	14.95	PASS
B71	15	High	133397	690.5	16QAM	13.48	14.87	PASS
B71	15	High	133397	690.5	64QAM	13.49	14.72	PASS



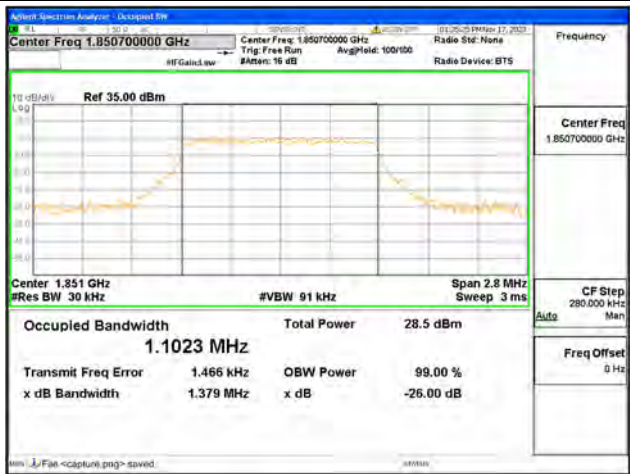
B71	15	High	133397	690.5	256QAM	13.46	14.84	PASS
B71	20	Low	133222	673	QPSK	17.91	19.51	PASS
B71	20	Low	133222	673	16QAM	17.93	19.68	PASS
B71	20	Low	133222	673	64QAM	17.94	19.75	PASS
B71	20	Low	133222	673	256QAM	17.58	18.56	PASS
B71	20	Mid	133322	683	QPSK	17.94	19.58	PASS
B71	20	Mid	133322	683	16QAM	17.96	19.80	PASS
B71	20	Mid	133322	683	64QAM	17.92	19.67	PASS
B71	20	Mid	133322	683	256QAM	17.92	19.58	PASS
B71	20	High	133372	688	QPSK	17.93	19.82	PASS
B71	20	High	133372	688	16QAM	17.93	19.82	PASS
B71	20	High	133372	688	64QAM	17.93	19.58	PASS
B71	20	High	133372	688	256QAM	17.92	19.54	PASS



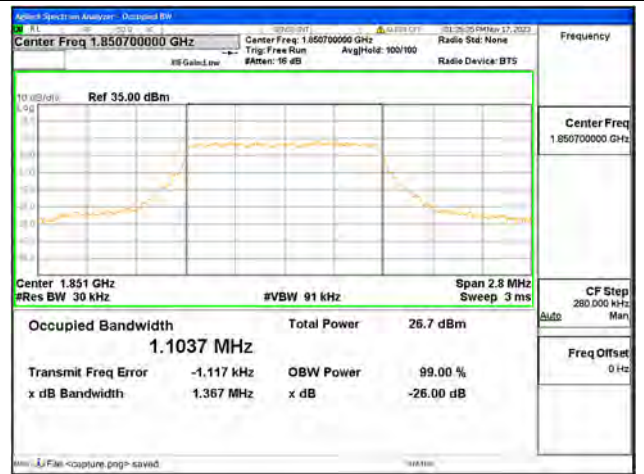
B2 / 1.4MHz / QPSK/ Low CH



B2 / 1.4MHz / 16QAM/ Low CH



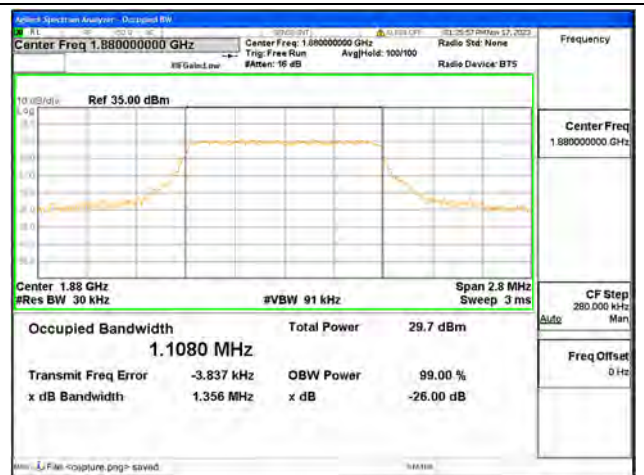
B2 / 1.4MHz / 64QAM/ Low CH



B2 / 1.4MHz / 256QAM/ Low CH



B2 / 1.4MHz / QPSK/ Mid CH



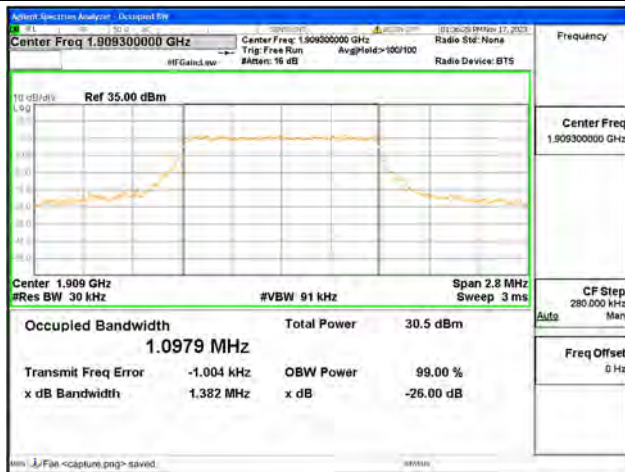
B2 / 1.4MHz / 16QAM/ Mid CH



B2 / 1.4MHz / 64QAM/ Mid CH



B2 / 1.4MHz / 256QAM/ Mid CH



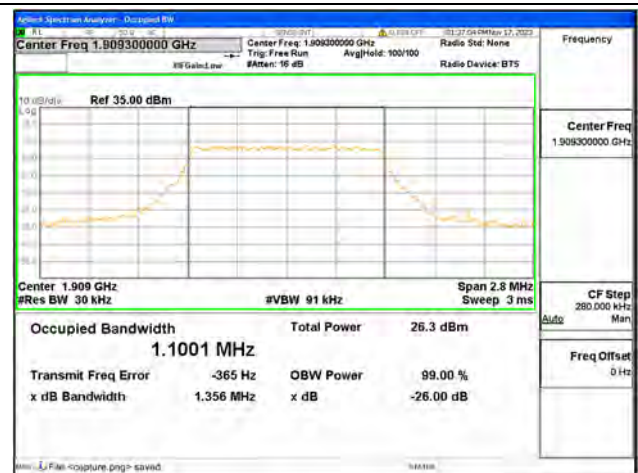
B2 / 1.4MHz / QPSK/ High CH



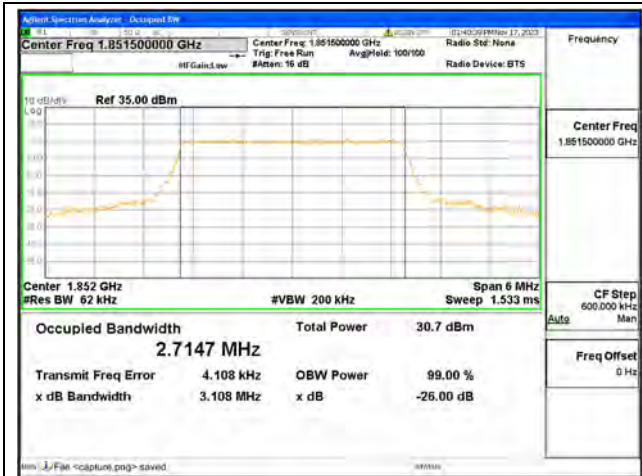
B2 / 1.4MHz / 16QAM/ High CH



B2 / 1.4MHz / 64QAM/ High CH



B2 / 1.4MHz / 256QAM/ High CH



B2 / 3MHz / QPSK / Low CH



B2 / 3MHz / 16QAM / Low CH



B2 / 3MHz / 64QAM / Low CH



B2 / 3MHz / 256QAM / Low CH



B2 / 3MHz / QPSK / Mid CH



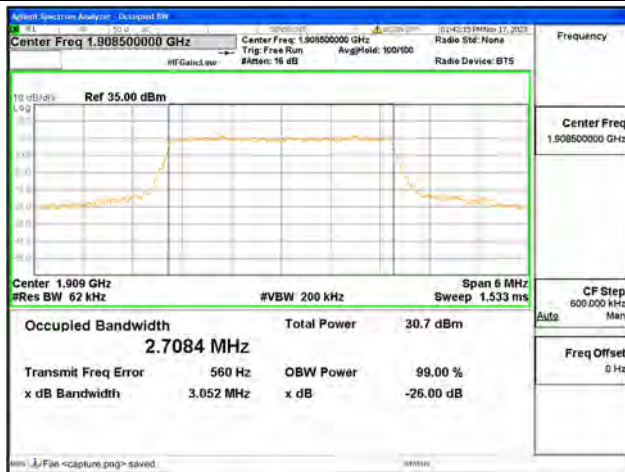
B2 / 3MHz / 16QAM / Mid CH



B2 / 3MHz / 64QAM/ Mid CH



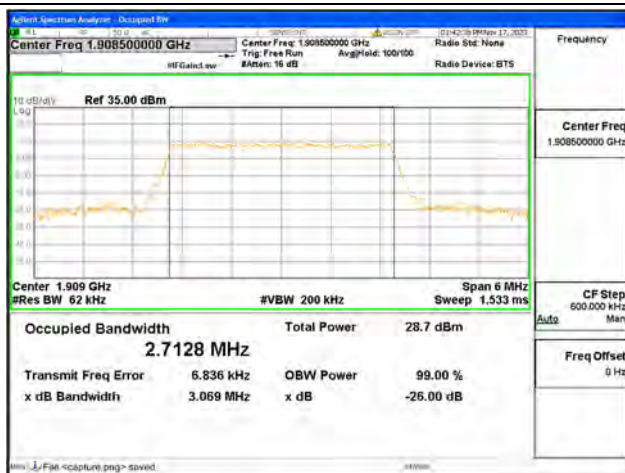
B2 / 3MHz / 256QAM/ Mid CH



B2 / 3MHz / QPSK/ High CH



B2 / 3MHz / 16QAM/ High CH



B2 / 3MHz / 64QAM/ High CH



B2 / 3MHz / 256QAM/ High CH



B2 / 5MHz / QPSK/ Low CH



B2 / 5MHz / 16QAM/ Low CH



B2 / 5MHz / 64QAM/ Low CH



B2 / 5MHz / 256QAM/ Low CH



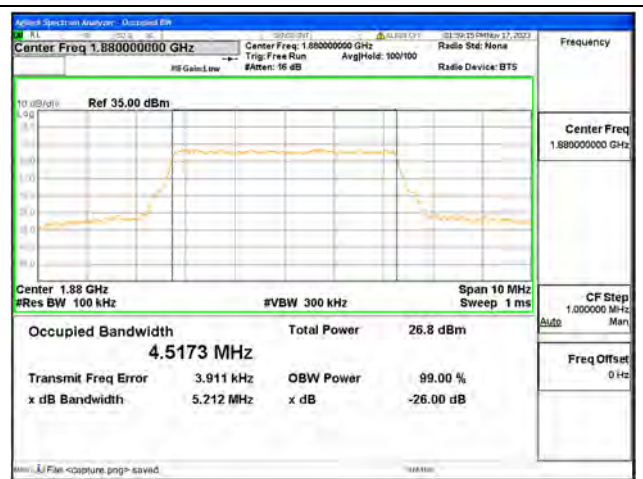
B2 / 5MHz / QPSK/ Mid CH



B2 / 5MHz / 16QAM/ Mid CH



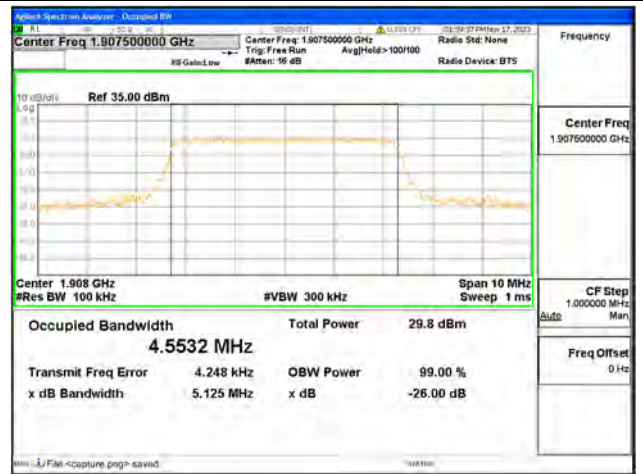
B2 / 5MHz / 64QAM/ Mid CH



B2 / 5MHz / 256QAM/ Mid CH



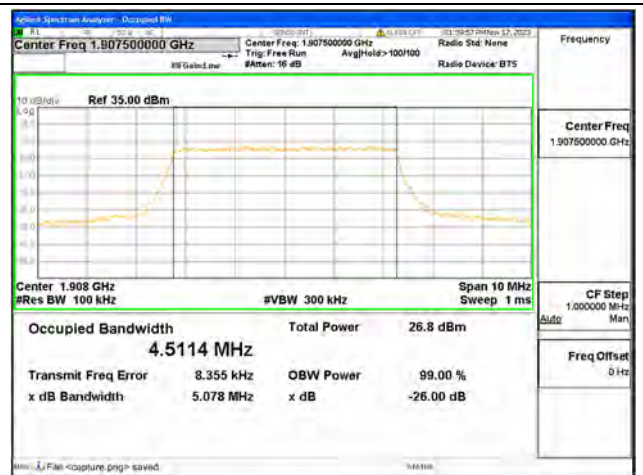
B2 / 5MHz / QPSK/ High CH



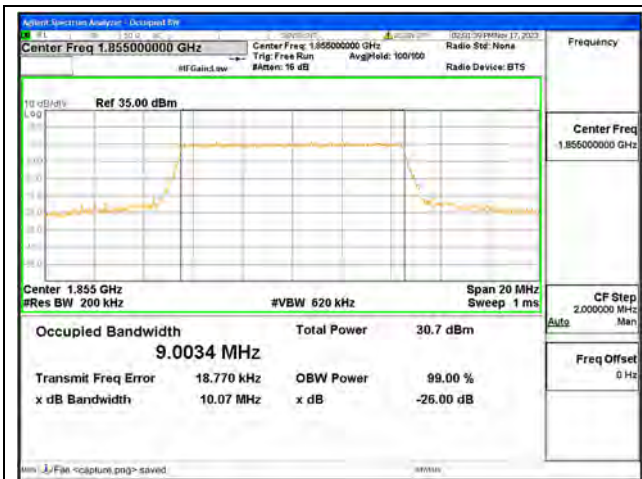
B2 / 5MHz / 16QAM/ High CH



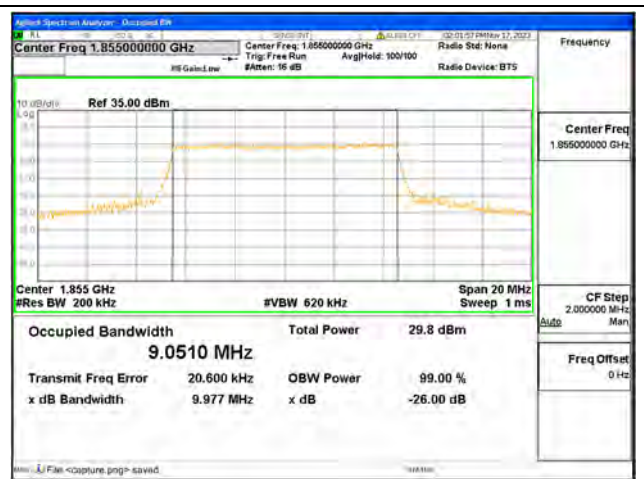
B2 / 5MHz / 64QAM/ High CH



B2 / 5MHz / 256QAM/ High CH



B2 / 10MHz / QPSK/ Low CH



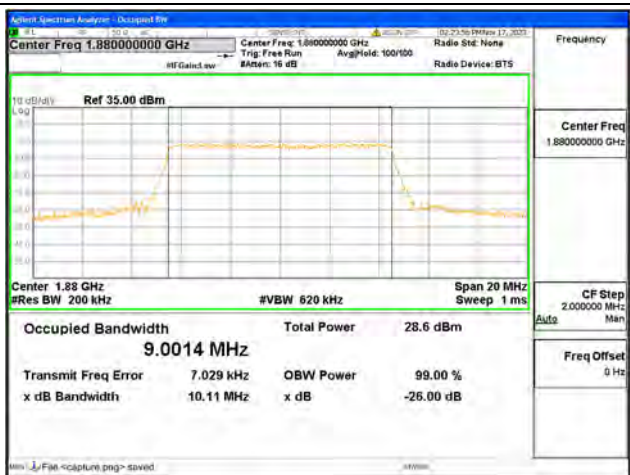
B2 / 10MHz / 16QAM/ Low CH



B2 / 10MHz / 64QAM/ Low CH



B2 / 10MHz / 256QAM/ Low CH



B2 / 10MHz / QPSK/ Mid CH



B2 / 10MHz / 16QAM/ Mid CH



B2 / 10MHz / 64QAM/ Mid CH



B2 / 10MHz / 256QAM/ Mid CH



B2 / 10MHz / QPSK/ High CH



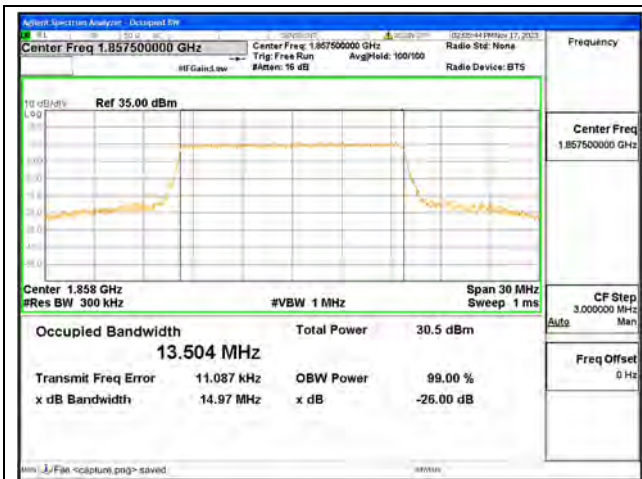
B2 / 10MHz / 16QAM/ High CH



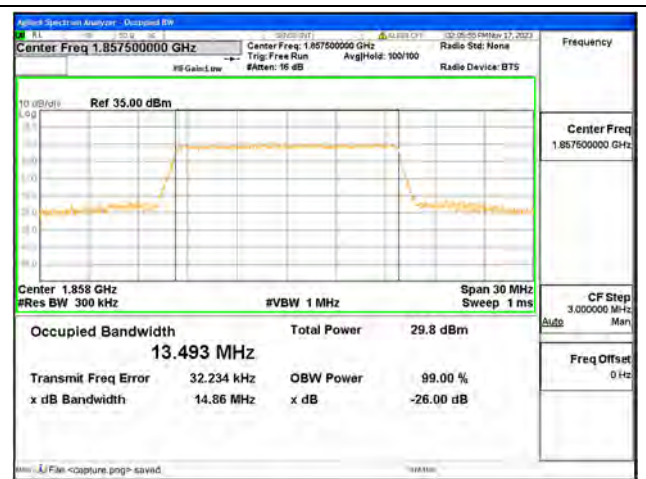
B2 / 10MHz / 64QAM/ High CH



B2 / 10MHz / 256QAM/ High CH



B2 / 15MHz / QPSK/ Low CH



B2 / 15MHz / 16QAM/ Low CH



B2 / 15MHz / 64QAM/ Low CH



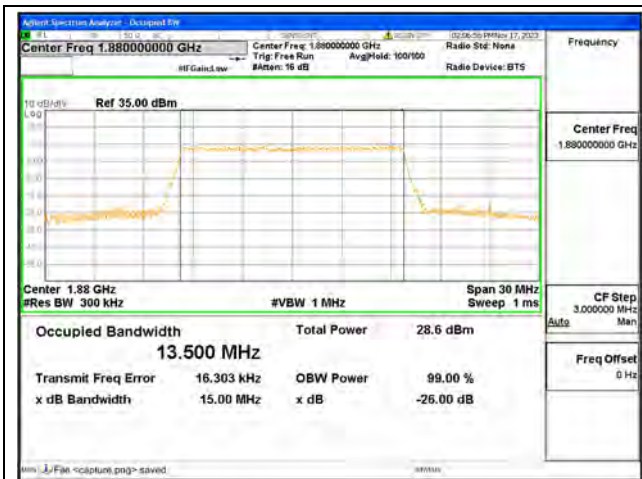
B2 / 15MHz / 256QAM/ Low CH



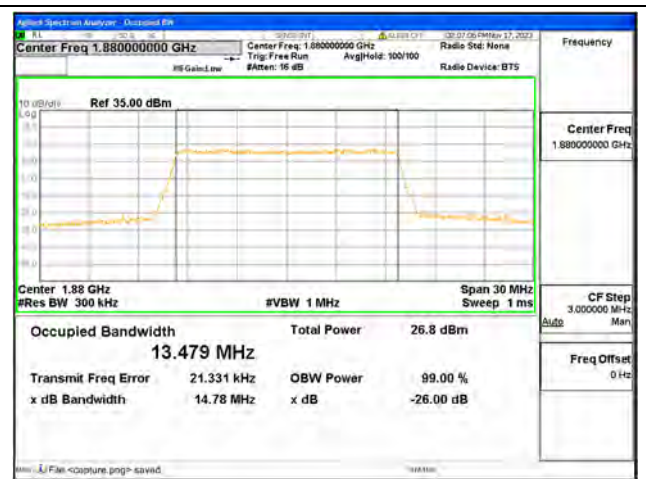
B2 / 15MHz / QPSK/ Mid CH



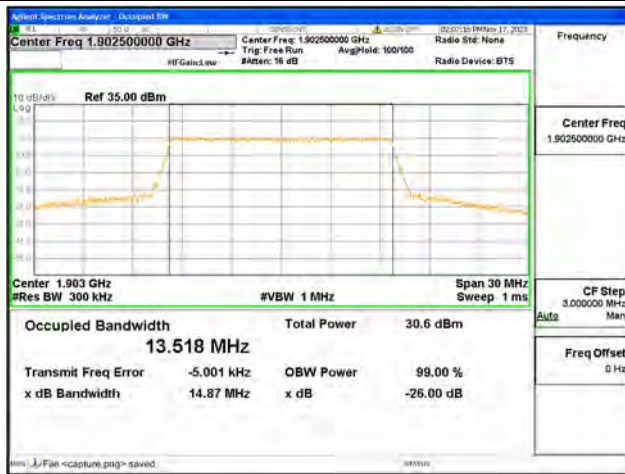
B2 / 15MHz / 16QAM/ Mid CH



B2 / 15MHz / 64QAM/ Mid CH



B2 / 15MHz / 256QAM/ Mid CH



B2 / 15MHz / QPSK/ High CH



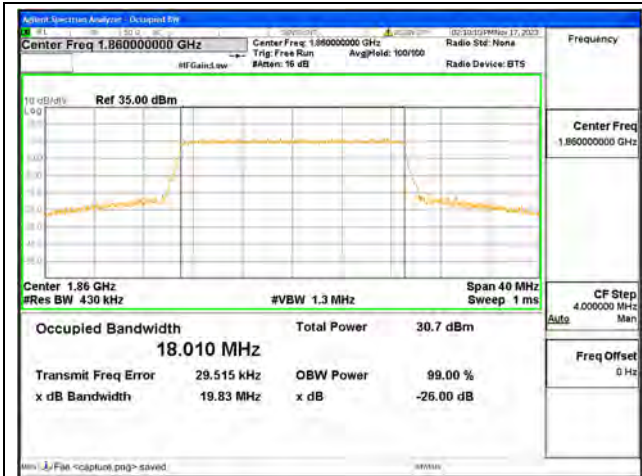
B2 / 15MHz / 16QAM/ High CH



B2 / 15MHz / 64QAM/ High CH



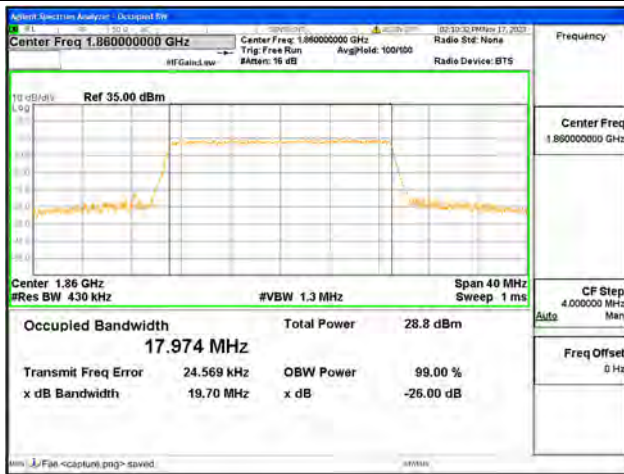
B2 / 15MHz / 256QAM/ High CH



B2 / 20MHz / QPSK/ Low CH



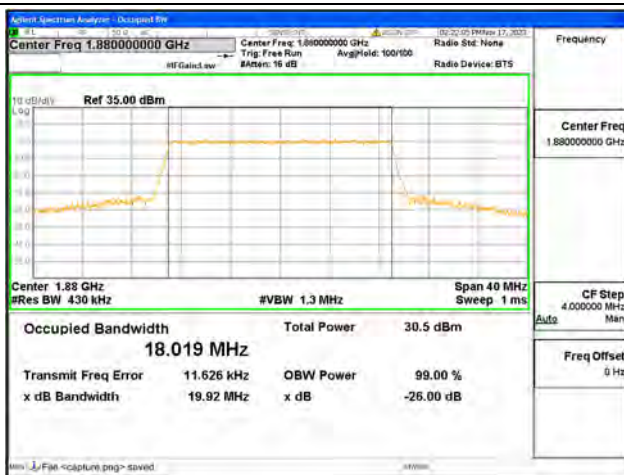
B2 / 20MHz / 16QAM/ Low CH



B2 / 20MHz / 64QAM/ Low CH



B2 / 20MHz / 256QAM/ Low CH



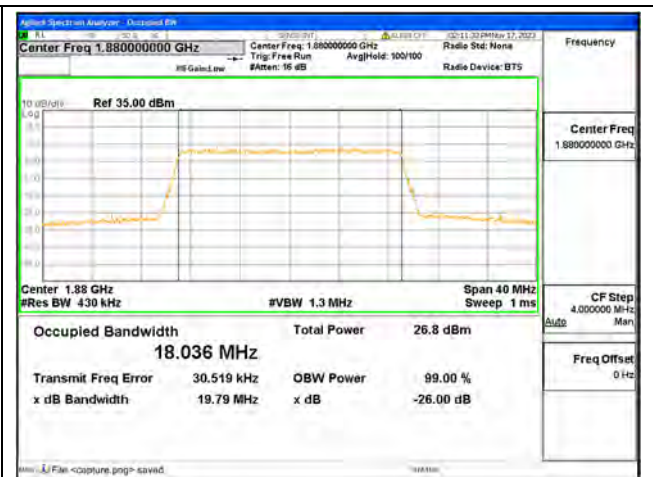
B2 / 20MHz / QPSK/ Mid CH



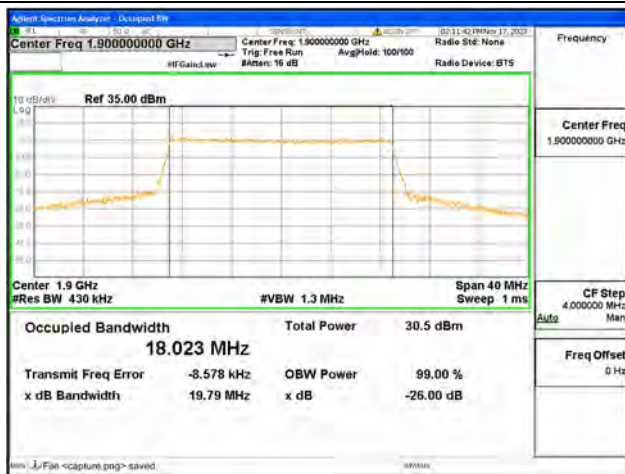
B2 / 20MHz / 16QAM/ Mid CH



B2 / 20MHz / 64QAM/ Mid CH



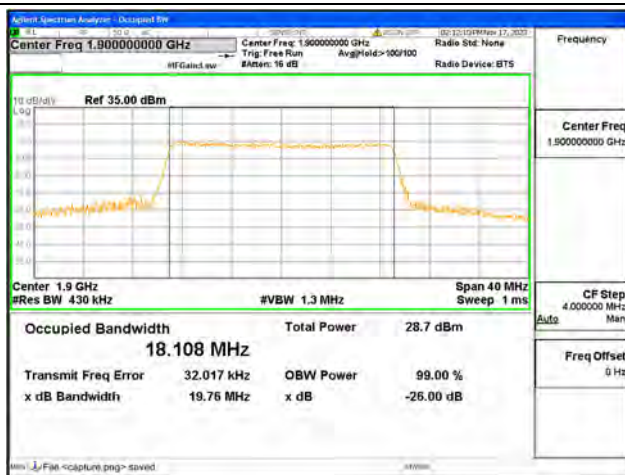
B2 / 20MHz / 256QAM/ Mid CH



B2 / 20MHz / QPSK/ High CH



B2 / 20MHz / 16QAM/ High CH



B2 / 20MHz / 64QAM/ High CH



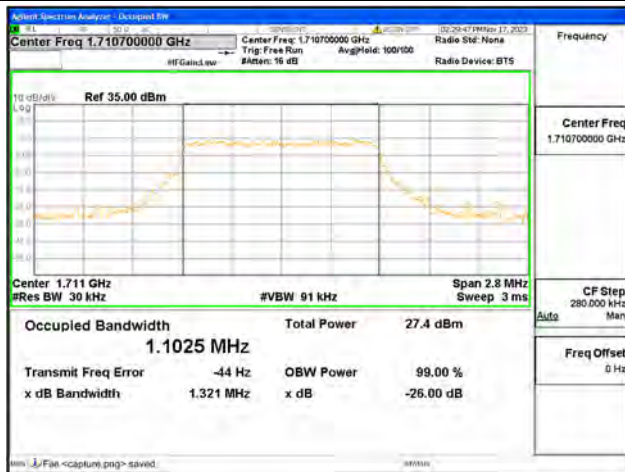
B2 / 20MHz / 256QAM/ High CH



B4 / 1.4MHz / QPSK/ Low CH



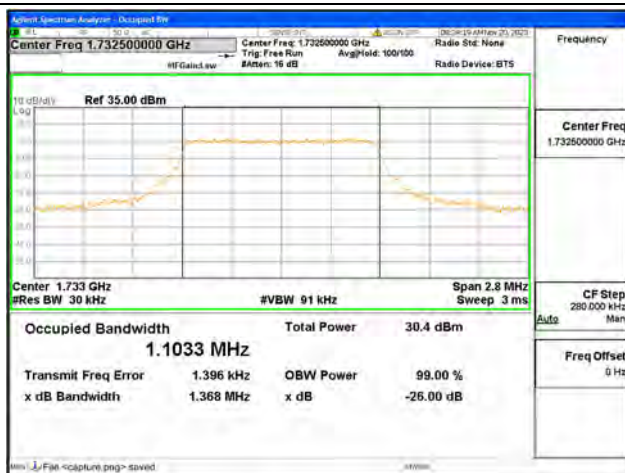
B4 / 1.4MHz / 16QAM/ Low CH



B4 / 1.4MHz / 64QAM/ Low CH



B4 / 1.4MHz / 256QAM/ Low CH



B4 / 1.4MHz / QPSK/ Mid CH



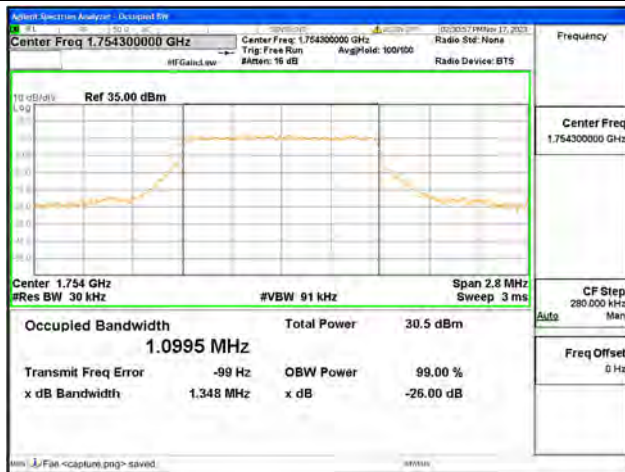
B4 / 1.4MHz / 16QAM/ Mid CH



B4 / 1.4MHz / 64QAM/ Mid CH



B4 / 1.4MHz / 256QAM/ Mid CH



B4 / 1.4MHz / QPSK/ High CH



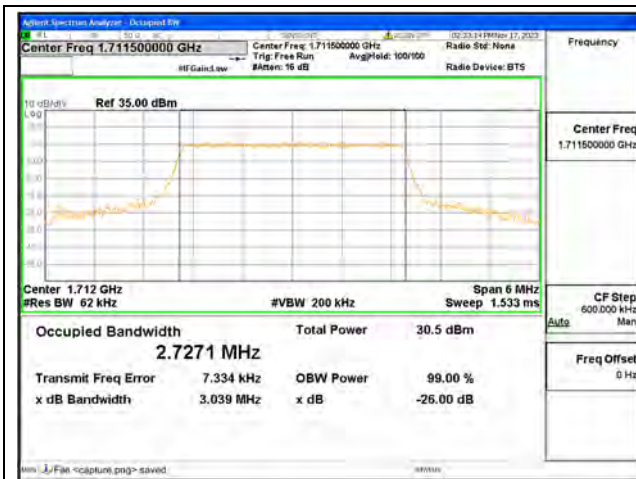
B4 / 1.4MHz / 16QAM/ High CH



B4 / 1.4MHz / 64QAM/ High CH



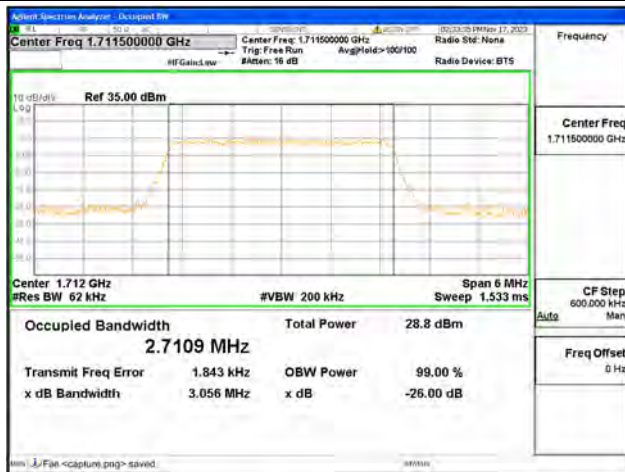
B4 / 1.4MHz / 256QAM/ High CH



B4 / 3MHz / QPSK/ Low CH



B4 / 3MHz / 16QAM/ Low CH



B4 / 3MHz / 64QAM/ Low CH



B4 / 3MHz / 256QAM/ Low CH



B4 / 3MHz / QPSK/ Mid CH



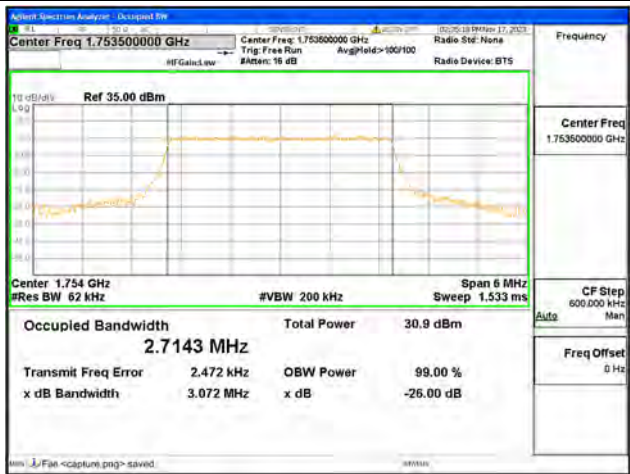
B4 / 3MHz / 16QAM/ Mid CH



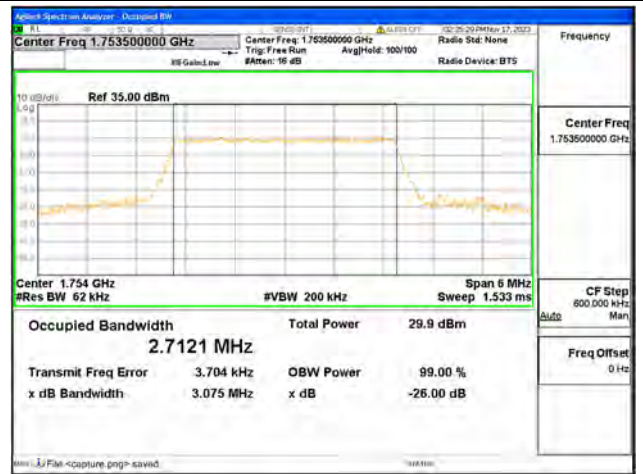
B4 / 3MHz / 64QAM/ Mid CH



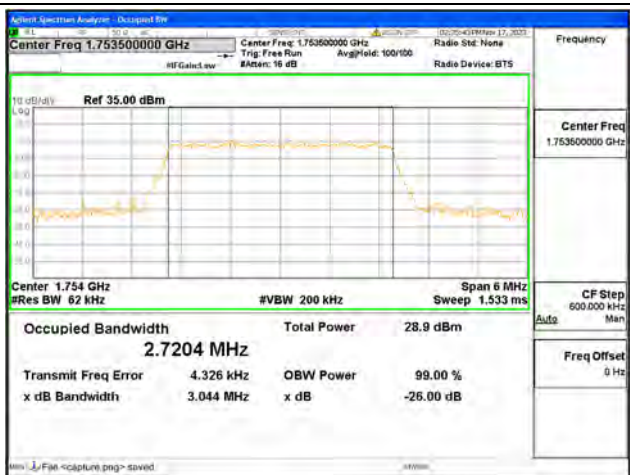
B4 / 3MHz / 256QAM/ Mid CH



B4 / 3MHz / QPSK/ High CH



B4 / 3MHz / 16QAM/ High CH



B4 / 3MHz / 64QAM/ High CH



B4 / 3MHz / 256QAM/ High CH



B4 / 5MHz / QPSK / Low CH



B4 / 5MHz / 16QAM / Low CH



B4 / 5MHz / 64QAM / Low CH



B4 / 5MHz / 256QAM / Low CH



B4 / 5MHz / QPSK / Mid CH



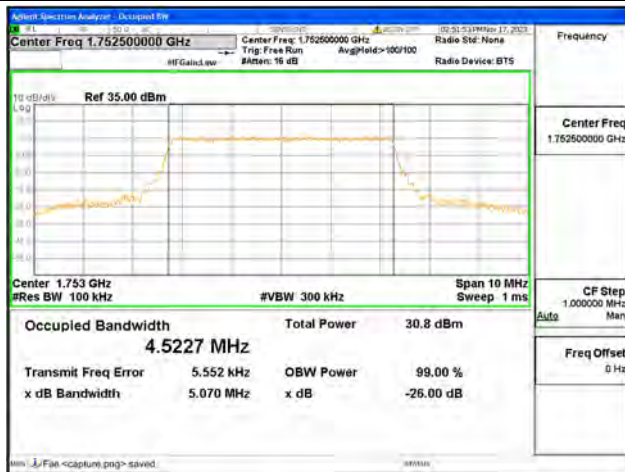
B4 / 5MHz / 16QAM / Mid CH



B4 / 5MHz / 64QAM/ Mid CH



B4 / 5MHz / 256QAM/ Mid CH



B4 / 5MHz / QPSK/ High CH



B4 / 5MHz / 16QAM/ High CH



B4 / 5MHz / 64QAM/ High CH



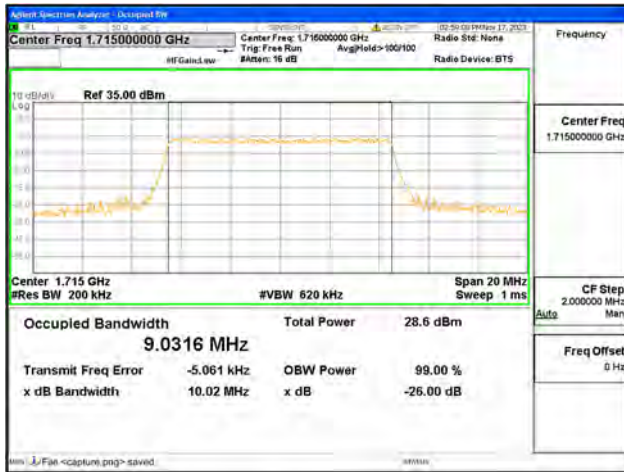
B4 / 5MHz / 256QAM/ High CH



B4 / 10MHz / QPSK/ Low CH



B4 / 10MHz / 16QAM/ Low CH



B4 / 10MHz / 64QAM/ Low CH



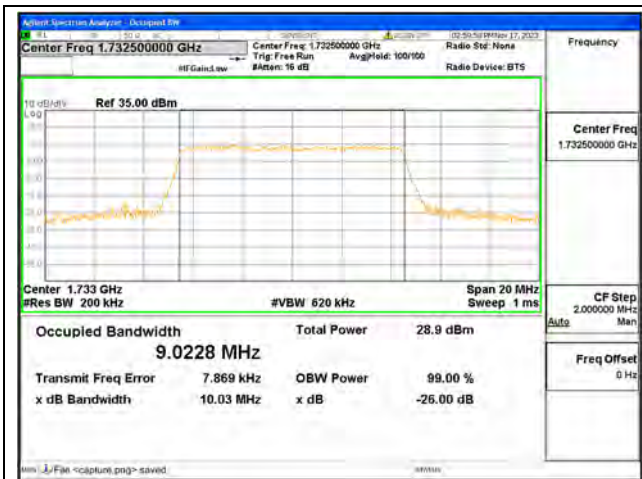
B4 / 10MHz / 256QAM/ Low CH



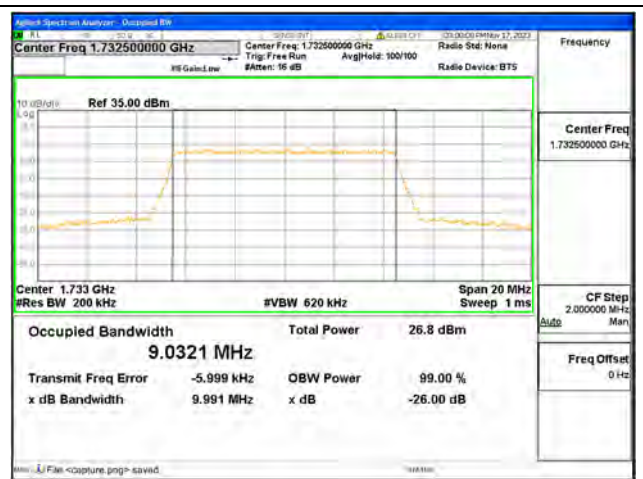
B4 / 10MHz / QPSK/ Mid CH



B4 / 10MHz / 16QAM/ Mid CH



B4 / 10MHz / 64QAM/ Mid CH



B4 / 10MHz / 256QAM/ Mid CH



B4 / 10MHz / QPSK/ High CH



B4 / 10MHz / 16QAM/ High CH



B4 / 10MHz / 64QAM/ High CH



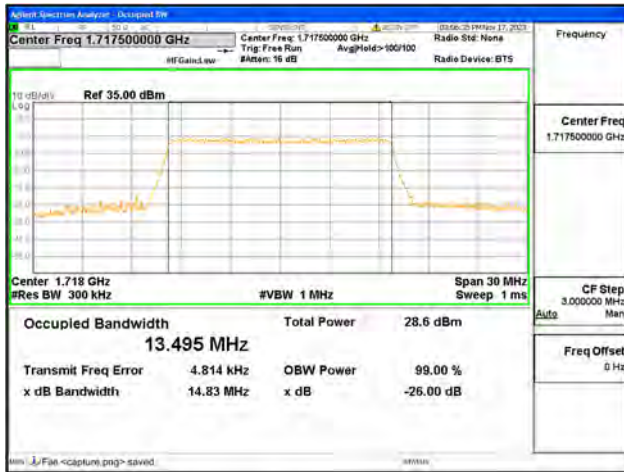
B4 / 10MHz / 256QAM/ High CH



B4 / 15MHz / QPSK/ Low CH



B4 / 15MHz / 16QAM/ Low CH



B4 / 15MHz / 64QAM/ Low CH



B4 / 15MHz / 256QAM/ Low CH



B4 / 15MHz / QPSK/ Mid CH



B4 / 15MHz / 16QAM/ Mid CH



B4 / 15MHz / 64QAM/ Mid CH



B4 / 15MHz / 256QAM/ Mid CH



B4 / 15MHz / QPSK/ High CH



B4 / 15MHz / 16QAM/ High CH



B4 / 15MHz / 64QAM/ High CH



B4 / 15MHz / 256QAM/ High CH



B4 / 20MHz / QPSK/ Low CH



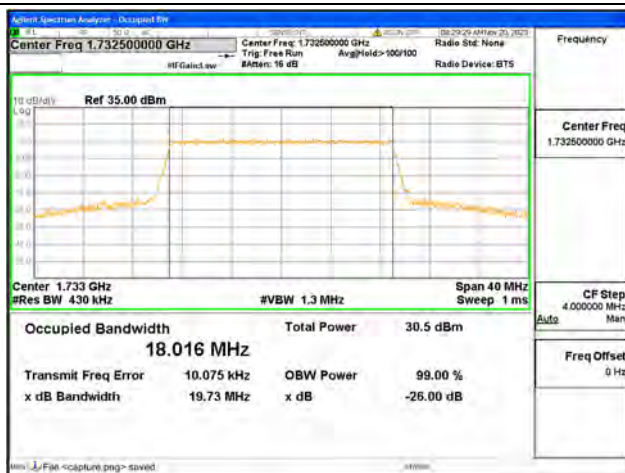
B4 / 20MHz / 16QAM/ Low CH



B4 / 20MHz / 64QAM/ Low CH



B4 / 20MHz / 256QAM/ Low CH



B4 / 20MHz / QPSK/ Mid CH



B4 / 20MHz / 16QAM/ Mid CH



B4 / 20MHz / 64QAM/ Mid CH



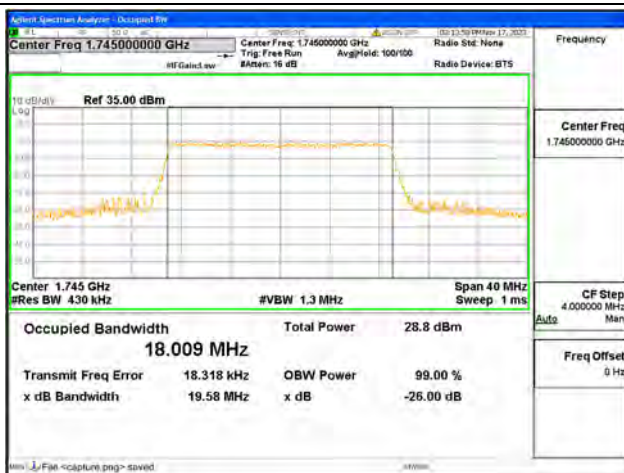
B4 / 20MHz / 256QAM/ Mid CH



B4 / 20MHz / QPSK/ High CH



B4 / 20MHz / 16QAM/ High CH



B4 / 20MHz / 64QAM/ High CH



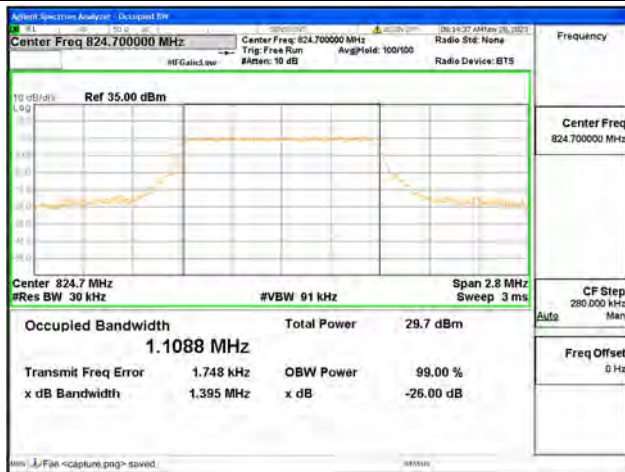
B4 / 20MHz / 256QAM/ High CH



B5 / 1.4MHz / QPSK/ Low CH



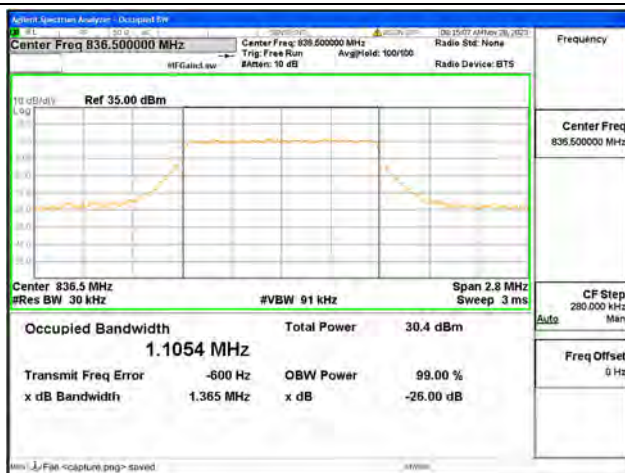
B5 / 1.4MHz / 16QAM/ Low CH



B5 / 1.4MHz / 64QAM/ Low CH



B5 / 1.4MHz / 256QAM/ Low CH



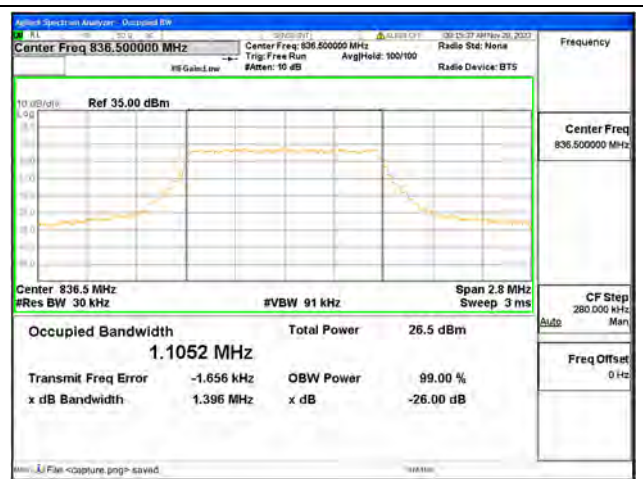
B5 / 1.4MHz / QPSK/ Mid CH



B5 / 1.4MHz / 16QAM/ Mid CH



B5 / 1.4MHz / 64QAM/ Mid CH



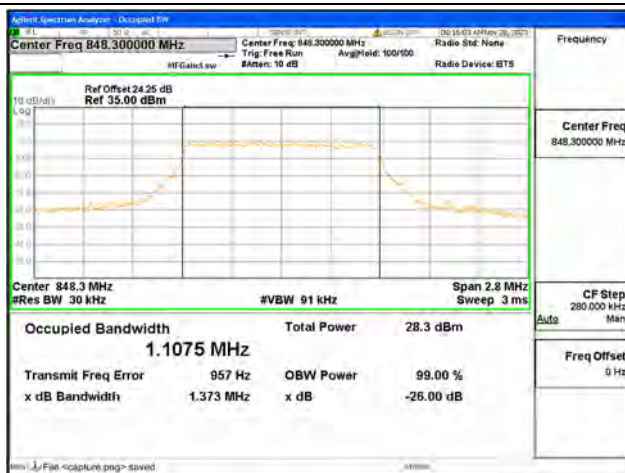
B5 / 1.4MHz / 256QAM/ Mid CH



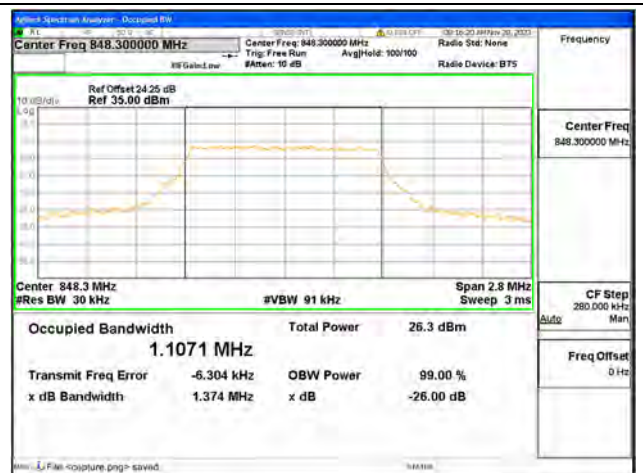
B5 / 1.4MHz / QPSK/ High CH



B5 / 1.4MHz / 16QAM/ High CH



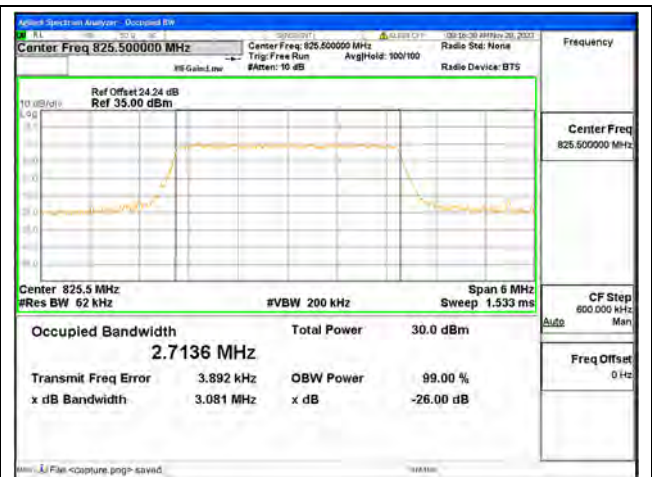
B5 / 1.4MHz / 64QAM/ High CH



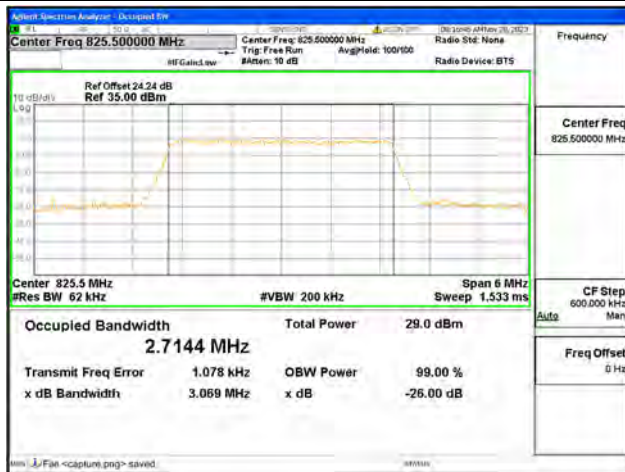
B5 / 1.4MHz / 256QAM/ High CH



B5 / 3MHz / QPSK/ Low CH



B5 / 3MHz / 16QAM/ Low CH



B5 / 3MHz / 64QAM/ Low CH



B5 / 3MHz / 256QAM/ Low CH



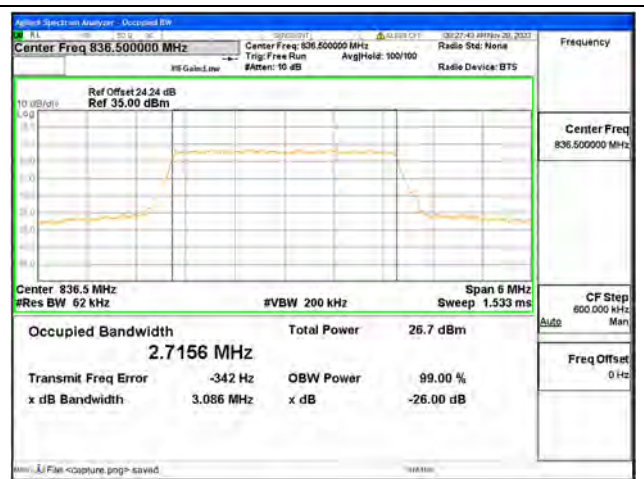
B5 / 3MHz / QPSK/ Mid CH



B5 / 3MHz / 16QAM/ Mid CH



B5 / 3MHz / 64QAM/ Mid CH



B5 / 3MHz / 256QAM/ Mid CH



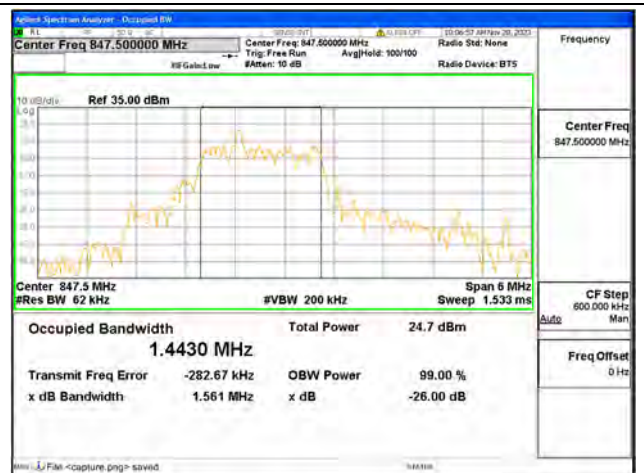
B5 / 3MHz / QPSK/ High CH



B5 / 3MHz / 16QAM/ High CH



B5 / 3MHz / 64QAM/ High CH



B5 / 3MHz / 256QAM/ High CH



B5 / 5MHz / QPSK/ Low CH



B5 / 5MHz / 16QAM/ Low CH



B5 / 5MHz / 64QAM/ Low CH



B5 / 5MHz / 256QAM/ Low CH



B5 / 5MHz / QPSK/ Mid CH



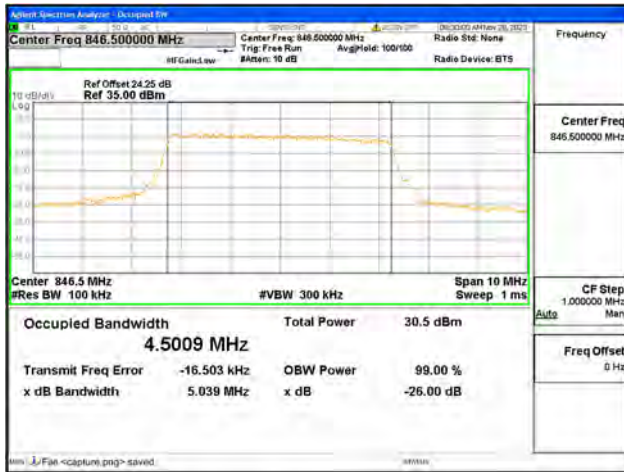
B5 / 5MHz / 16QAM/ Mid CH



B5 / 5MHz / 64QAM/ Mid CH



B5 / 5MHz / 256QAM/ Mid CH



B5 / 5MHz / QPSK/ High CH



B5 / 5MHz / 16QAM/ High CH



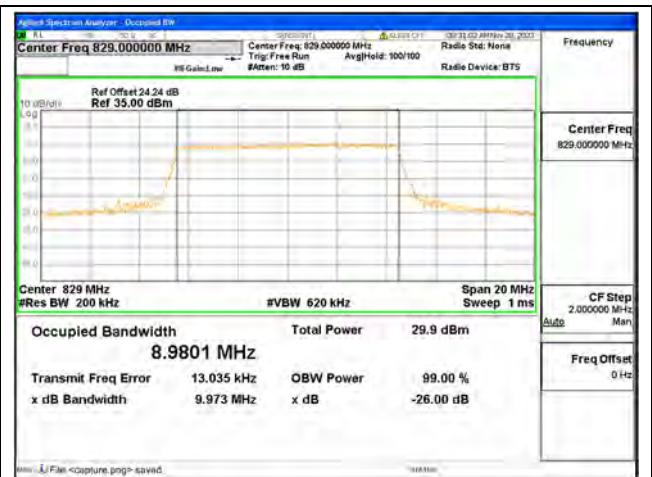
B5 / 5MHz / 64QAM/ High CH



B5 / 5MHz / 256QAM/ High CH



B5 / 10MHz / QPSK/ Low CH



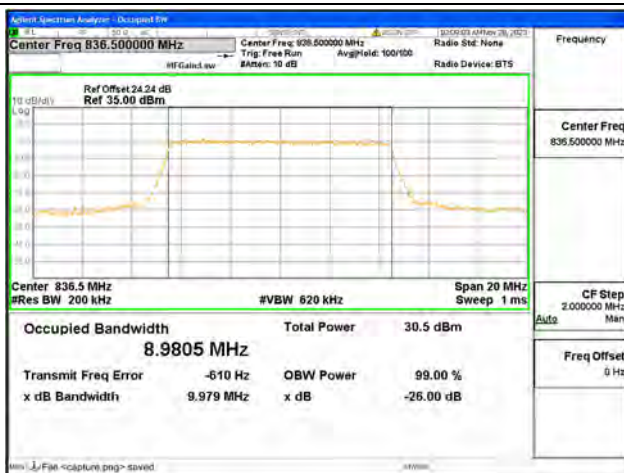
B5 / 10MHz / 16QAM/ Low CH



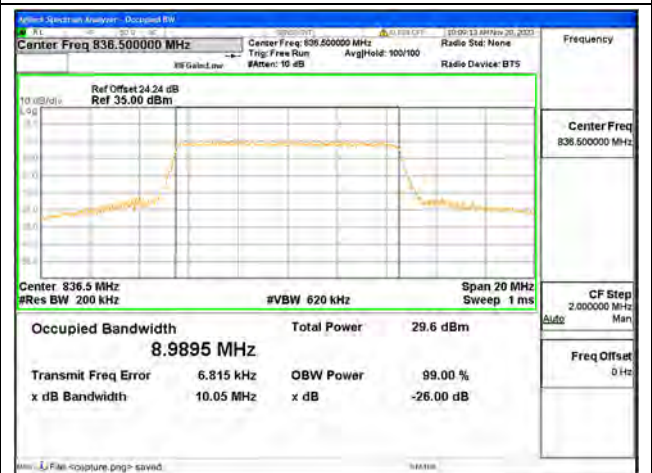
B5 / 10MHz / 64QAM/ Low CH



B5 / 10MHz / 256QAM/ Low CH



B5 / 10MHz / QPSK/ Mid CH



B5 / 10MHz / 16QAM/ Mid CH



B5 / 10MHz / 64QAM/ Mid CH



B5 / 10MHz / 256QAM/ Mid CH



B5 / 10MHz / QPSK/ High CH



B5 / 10MHz / 16QAM/ High CH



B5 / 10MHz / 64QAM/ High CH



B5 / 10MHz / 256QAM/ High CH



B7 / 5MHz / QPSK/ Low CH



B7 / 5MHz / 16QAM/ Low CH



B7 / 5MHz / 64QAM/ Low CH



B7 / 5MHz / 256QAM/ Low CH



B7 / 5MHz / QPSK/ Mid CH



B7 / 5MHz / 16QAM/ Mid CH



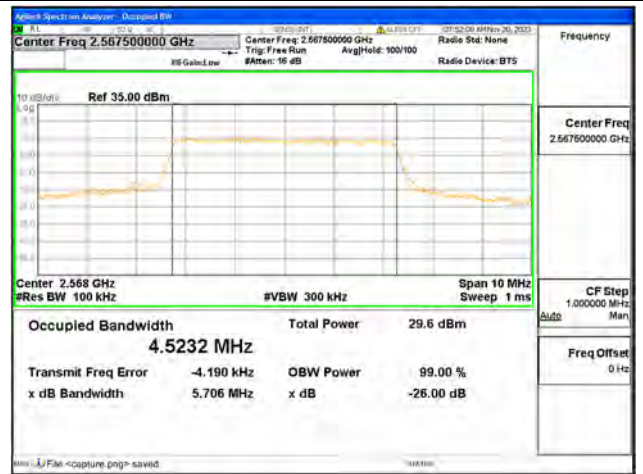
B7 / 5MHz / 64QAM/ Mid CH



B7 / 5MHz / 256QAM/ Mid CH



B7 / 5MHz / QPSK/ High CH



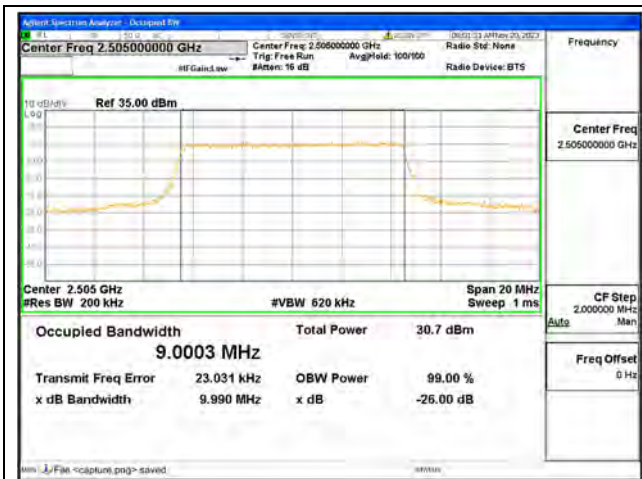
B7 / 5MHz / 16QAM/ High CH



B7 / 5MHz / 64QAM/ High CH



B7 / 5MHz / 256QAM/ High CH



B7 / 10MHz / QPSK/ Low CH



B7 / 10MHz / 16QAM/ Low CH



B7 / 10MHz / 64QAM/ Low CH



B7 / 10MHz / 256QAM/ Low CH



B7 / 10MHz / QPSK/ Mid CH



B7 / 10MHz / 16QAM/ Mid CH



B7 / 10MHz / 64QAM/ Mid CH



B7 / 10MHz / 256QAM/ Mid CH



B7 / 10MHz / QPSK/ High CH



B7 / 10MHz / 16QAM/ High CH



B7 / 10MHz / 64QAM/ High CH



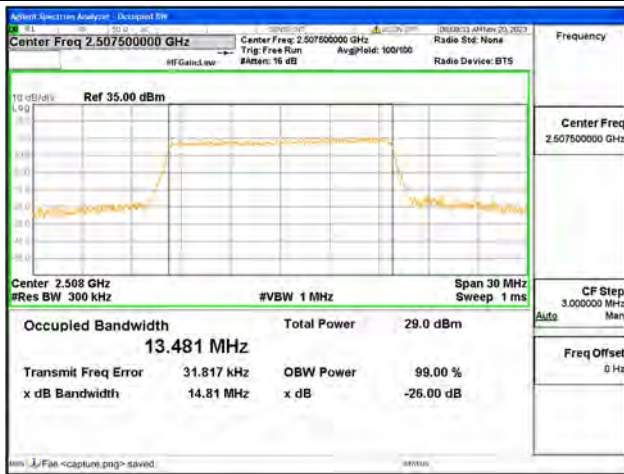
B7 / 10MHz / 256QAM/ High CH



B7 / 15MHz / QPSK/ Low CH



B7 / 15MHz / 16QAM/ Low CH



B7 / 15MHz / 64QAM/ Low CH



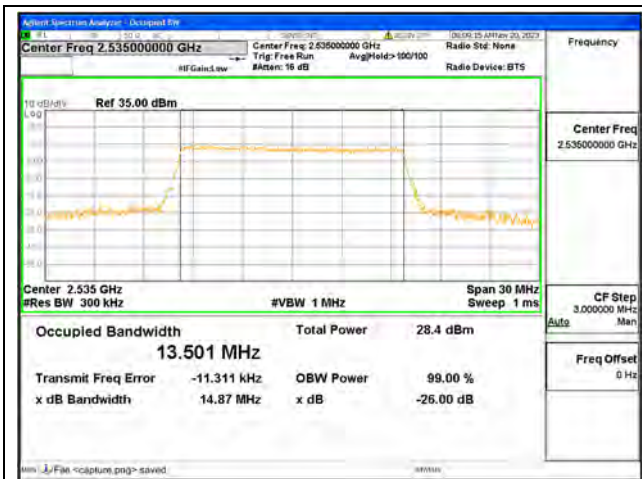
B7 / 15MHz / 256QAM/ Low CH



B7 / 15MHz / QPSK/ Mid CH



B7 / 15MHz / 16QAM/ Mid CH



B7 / 15MHz / 64QAM/ Mid CH



B7 / 15MHz / 256QAM/ Mid CH



B7 / 15MHz / QPSK/ High CH



B7 / 15MHz / 16QAM/ High CH



B7 / 15MHz / 64QAM/ High CH



B7 / 15MHz / 256QAM/ High CH



B7 / 20MHz / QPSK/ Low CH



B7 / 20MHz / 16QAM/ Low CH



B7 / 20MHz / 64QAM/ Low CH



B7 / 20MHz / 256QAM/ Low CH



B7 / 20MHz / QPSK/ Mid CH



B7 / 20MHz / 16QAM/ Mid CH



B7 / 20MHz / 64QAM/ Mid CH



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B7 / 20MHz / QPSK/ High CH



B7 / 20MHz / 16QAM/ High CH



B7 / 20MHz / 64QAM/ High CH



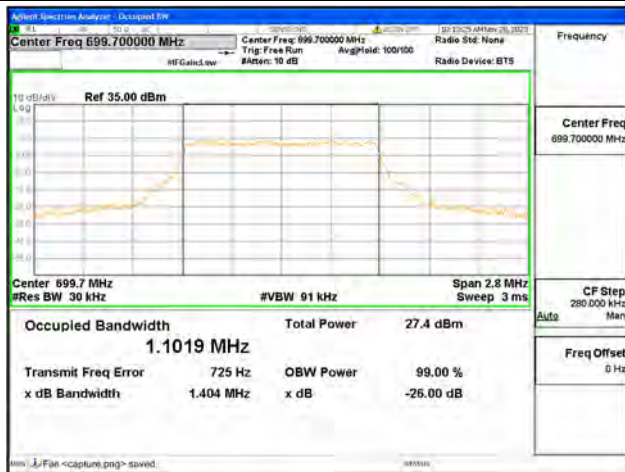
B7 / 20MHz / 256QAM/ High CH



B12 / 1.4MHz / QPSK/ Low CH



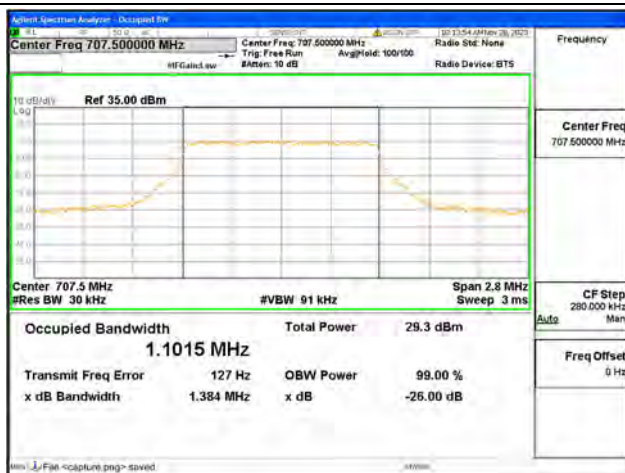
B12 / 1.4MHz / 16QAM/ Low CH



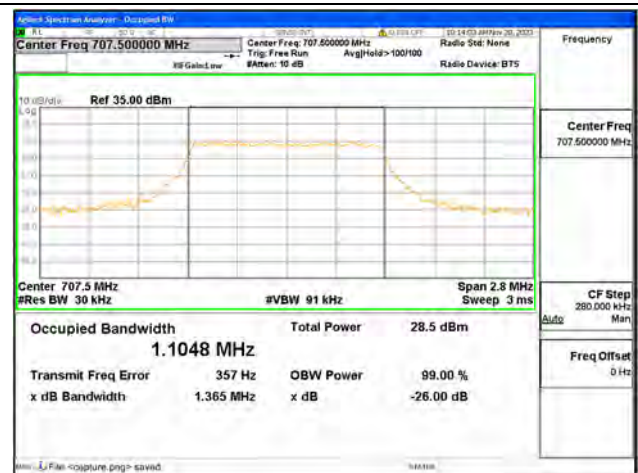
B12 / 1.4MHz / 64QAM/ Low CH



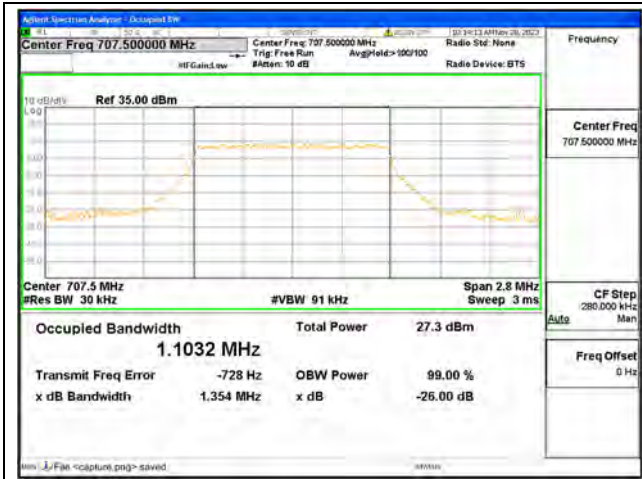
B12 / 1.4MHz / 256QAM/ Low CH



B12 / 1.4MHz / QPSK/ Mid CH



B12 / 1.4MHz / 16QAM/ Mid CH



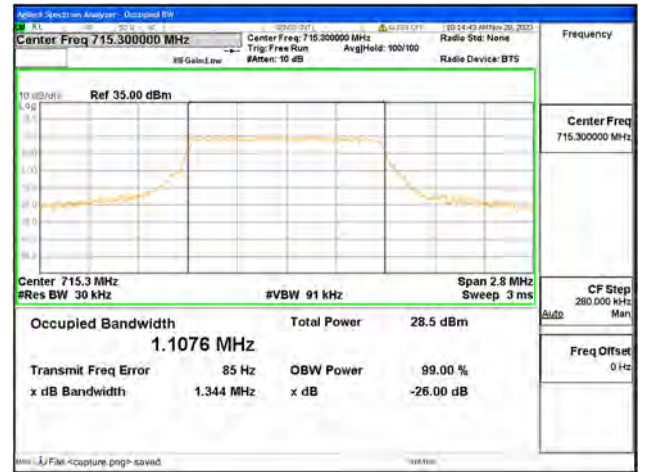
B12 / 1.4MHz / 64QAM/ Mid CH



B12 / 1.4MHz / 256QAM/ Mid CH



B12 / 1.4MHz / QPSK/ High CH



B12 / 1.4MHz / 16QAM/ High CH



B12 / 1.4MHz / 64QAM/ High CH



B12 / 1.4MHz / 256QAM/ High CH



B12 / 3MHz / QPSK/ Low CH



B12 / 3MHz / 16QAM/ Low CH



B12 / 3MHz / 64QAM/ Low CH



B12 / 3MHz / 256QAM/ Low CH



B12 / 3MHz / QPSK/ Mid CH



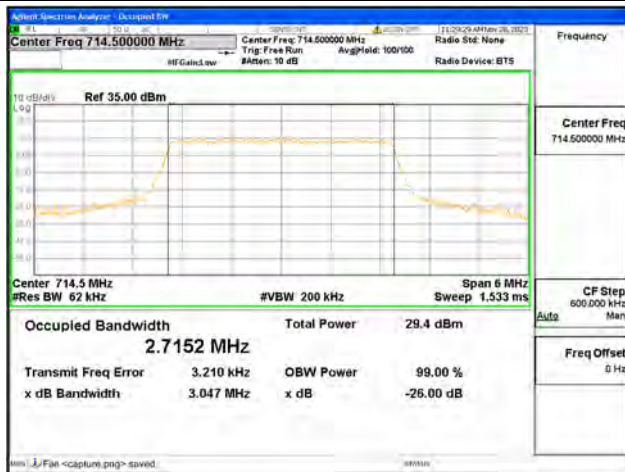
B12 / 3MHz / 16QAM/ Mid CH



B12 / 3MHz / 64QAM/ Mid CH



B12 / 3MHz / 256QAM/ Mid CH



B12 / 3MHz / QPSK/ High CH



B12 / 3MHz / 16QAM/ High CH



B12 / 3MHz / 64QAM/ High CH



B12 / 3MHz / 256QAM/ High CH