



REPORT No.: SZ25040205W02

TEST REPORT

APPLICANT : Shenzhen Chainway Information
Technology Co., Ltd

PRODUCT NAME : Mobile Data Terminal

MODEL NAME : MC51

BRAND NAME : CHAINWAY

FCC ID : 2AC6AMC51

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

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DIRECTORY

1. Technical Information	3
1.1. Applicant and Manufacturer Information	3
1.2. Equipment Under Test (EUT) Description	3
1.3. Maximum E.R.P./E.I.R.P. and Emission Designator	6
1.4. Test Standards and Results	8
1.5. Environmental Conditions	9
2. 47 CFR Part 2, Part 22H, Part 24E, Part 27 F&H&L&M&N Requirements	10
2.1. Transmitter Conducted Output Power and E.R.P./E.I.R.P.	10
2.2. Occupied Bandwidth	102
2.3. Frequency Stability	189
2.4. Peak to Average Ratio	195
2.5. Conducted Spurious Emissions	229
2.6. Band Edge	259
2.7. Radiated Spurious Emissions	294
Annex A Test Uncertainty	359
Annex B Testing Laboratory Information	360

Change History		
Version	Date	Reason for change
1.0	2025-10-20	First edition



1. Technical Information

Note: Provide by applicant.

1.1. Applicant and Manufacturer Information

Applicant:	Shenzhen Chainway Information Technology Co., Ltd
Applicant Address:	9F Building 2, Daqian Industrial Park, District 67, XingDong Community, Xin'an Street, Bao'an District, Shenzhen, Guangdong, China
Manufacturer:	Shenzhen Chainway Information Technology Co., Ltd
Manufacturer Address:	9F Building 2, Daqian Industrial Park, District 67, XingDong Community, Xin'an Street, Bao'an District, Shenzhen, Guangdong, China

1.2. Equipment Under Test (EUT) Description

Product Name:	Mobile Data Terminal	
Sample No.:	10#, 12#	
Hardware Version:	MC51_Hardware_version	
Software Version:	MC51_Software_version	
Modulation Type:	QPSK, 16QAM, 64QAM	
Operation Band:	Band 2 / 4 / 5 / 7 / 12 / 13 / 25 / 26 / 38 / 41	
Frequency Range:	LTE Band 2	Tx: 1850MHz–1910MHz
		Rx: 1930MHz–1990MHz
	LTE Band 4	Tx: 1710MHz–1755MHz
		Rx: 2110MHz–2155MHz
	LTE Band 5	Tx: 824MHz–849MHz
		Rx: 869MHz–894MHz
	LTE Band 7	Tx: 2500MHz–2570MHz
		Rx: 2620MHz–2690MHz
	LTE Band 12	Tx: 699MHz–716MHz
		Rx: 729MHz–746MHz
	LTE Band 13	Tx: 777MHz–787MHz
		Rx: 746MHz–756MHz
	LTE Band 25	Tx: 1850MHz–1915MHz
		Rx: 1930MHz–1995MHz



Frequency Range:	LTE Band 26	Tx: 824MHz–849MHz
		Rx: 869MHz–894MHz
	LTE Band 38	Tx: 2570MHz–2620MHz
		Rx: 2570MHz–2620MHz
	LTE Band 41	Tx: 2496MHz –2690MHz
		Rx: 2496MHz –2690MHz
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	5MHz, 10MHz, 15MHz, 20MHz
	LTE Band 12	1.4MHz, 3 MHz, 5MHz, 10MHz
	LTE Band 13	5MHz, 10MHz
	LTE Band 25	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
	LTE Band 26	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz
	LTE Band 38	5 MHz, 10MHz, 15MHz, 20MHz
	LTE Band 41	5MHz, 10MHz, 15MHz, 20MHz
Antenna Type:	PIFA Antenna	
Antenna Gain:	LTE Band 2	-0.9dBi
	LTE Band 4	2.2dBi
	LTE Band 5	-1.4dBi
	LTE Band 7	-1.0dBi
	LTE Band 12	-3.5dBi
	LTE Band 13	-4.0dBi
	LTE Band 25	2.2dBi
	LTE Band 26	-1.4dBi
	LTE Band 38	-1.7dBi
	LTE Band 41	-1.0dBi
Accessory Information:	Battery 1	
	Brand Name:	BOB
	Model No.:	MC51
	Serial No.:	N/A
	Capacity:	4800mAh
	Rated Voltage:	3.85V
	Charge Limit:	4.4V
	Manufacturer:	Dongguan Bob Electronics Co., Ltd

Accessory Information:	Battery 2	
	Brand Name:	UTILITY
	Model No.:	MC51
	Serial No.:	N/A
	Capacity:	4800mAh
	Rated Voltage:	3.85V
	Charge Limit:	4.4V
	Manufacturer:	SHEN ZHEN UTILITY ENERGY CO.,LTD.
	Battery 3	
	Brand Name:	BOB
	Model No.:	471120-50mAh
	Serial No.:	N/A
	Capacity:	50mAh
	Rated Voltage:	3.7V
	Charge Limit:	4.2V
	Manufacturer:	Dongguan Bob Electronics Co., Ltd
	AC Adapter	
	Brand Name:	YING YUAN
	Model No.:	DBS15Q
	Serial No.:	N/A
	Rated Output:	5V=3A; 9V=2A; 12V=1.5A;
	Rated Input:	100-240V~50/60Hz, 0.5A
	Manufacturer:	SHENZHEN SHI YING YUAN ELECTRONICS CO LTD
	USB Cable	
	Model No.:	K422-08251-H0
	Manufacturer:	Dongguan Chuantuo Electronics Co., Ltd

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

Note 2: The EUT description presented in the report are provided by applicant and/or manufacturer, and the test laboratory is not responsible for the accuracy of the information. 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	QPSK	16QAM	64QAM
20	0.173	0.148	0.117	18M0G7D	18M0W7D	18M0W7D
15	0.171	0.147	0.116	13M5G7D	13M5W7D	13M5W7D
10	0.168	0.145	0.115	9M02G7D	9M02W7D	9M01W7D
5	0.166	0.145	0.113	4M51G7D	4M51W7D	4M52W7D
3	0.165	0.145	0.112	2M72G7D	2M71W7D	2M73W7D
1.4	0.164	0.145	0.112	1M10G7D	1M11W7D	1M11W7D
LTE Band 4	Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20	0.358	0.309	0.244	18M0G7D	18M0W7D	18M0W7D
15	0.354	0.305	0.241	13M5G7D	13M5W7D	13M5W7D
10	0.348	0.301	0.237	8M98G7D	8M99W7D	9M00W7D
5	0.346	0.299	0.236	4M51G7D	4M50W7D	4M51W7D
3	0.342	0.295	0.233	2M72G7D	2M72W7D	2M72W7D
1.4	0.338	0.292	0.230	1M11G7D	1M11W7D	1M11W7D
LTE Band 5	Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10	0.092	0.076	0.059	9M00G7D	8M99W7D	9M00W7D
5	0.091	0.076	0.059	4M51G7D	4M50W7D	4M50W7D
3	0.090	0.075	0.058	2M73G7D	2M72W7D	2M71W7D
1.4	0.090	0.074	0.058	1M10G7D	1M11W7D	1M11W7D
LTE Band 7	Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20	0.130	0.108	0.086	17M9G7D	18M0W7D	18M0W7D
15	0.128	0.107	0.085	13M5G7D	13M5W7D	13M5W7D
10	0.127	0.106	0.084	8M99G7D	9M00W7D	8M98W7D
5	0.126	0.105	0.084	4M52G7D	4M51W7D	4M51W7D
LTE Band 12	Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10	0.059	0.048	0.039	8M99G7D	8M97W7D	8M99W7D
5	0.058	0.047	0.038	4M50G7D	4M51W7D	4M50W7D
3	0.057	0.047	0.038	2M72G7D	2M72W7D	2M72W7D
1.4	0.056	0.046	0.037	1M11G7D	1M11W7D	1M10W7D



LTE Band 13		Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10		0.053	0.044	0.035	8M96G7D	8M99W7D	8M98W7D
5		0.053	0.043	0.035	4M51G7D	4M50W7D	4M50W7D
LTE Band 25		Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20		0.358	0.280	0.221	18M0G7D	18M1W7D	18M0W7D
15		0.354	0.277	0.219	13M5G7D	13M5W7D	13M5W7D
10		0.350	0.274	0.216	9M01G7D	9M00W7D	9M00W7D
5		0.348	0.272	0.215	4M51G7D	4M51W7D	4M51W7D
3		0.344	0.269	0.213	2M72G7D	2M72W7D	2M72W7D
1.4		0.342	0.267	0.211	1M10G7D	1M11W7D	1M11W7D
LTE Band 26		Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
15		0.081	0.068	0.054	13M5G7D	13M5W7D	13M5W7D
10		0.078	0.068	0.055	9M00G7D	8M98W7D	8M99W7D
5		0.079	0.069	0.055	4M51G7D	4M51W7D	4M51W7D
3		0.078	0.070	0.052	2M71G7D	2M72W7D	2M73W7D
1.4		0.083	0.068	0.062	1M10G7D	1M11W7D	1M10W7D
LTE Band 38		Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20		0.140	0.114	0.090	18M0G7D	18M0W7D	18M0W7D
15		0.139	0.112	0.089	13M5G7D	13M4W7D	13M5W7D
10		0.138	0.112	0.088	9M00G7D	9M02W7D	9M01W7D
5		0.136	0.110	0.087	4M50G7D	4M51W7D	4M50W7D
LTE Band 41		Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20		0.167	0.139	0.110	18M0G7D	18M0W7D	17M9W7D
15		0.165	0.138	0.108	13M5G7D	13M5W7D	13M5W7D
10		0.163	0.136	0.107	9M00G7D	9M02W7D	8M98W7D
5		0.160	0.134	0.105	4M50G7D	4M51W7D	4M50W7D



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	Remark
2.1046 22.913(a)(2) 24.232(c) 27.50(b)(10) 27.50(c)(10) 27.50(d)(4) 27.50(h)(2)	Transmitter Conducted Output Power and E.R.P./E.I.R.P.	Jun. 21, 2025	Yu Xiaoming Liu Huiyan	PASS ^{Note3}	/
2.1049	Occupied Bandwidth	Jun. 14 to 16, 2025	Liu Huiyan	PASS	/
2.1055 22.355 24.235 27.54	Frequency Stability	Jun. 21, 2025	Liu Huiyan	PASS	/
24.232(d), 27.50(d)(5)	Peak to Average Radio	Jun. 14 to 16, 2025	Liu Huiyan	PASS	/
2.1051 22.917(a) 24.238(a) 27.53(c)(2) 27.53(g) 27.53(h) 27.53(m)(4)	Conducted Spurious Emissions	Jun. 14 to 16, 2025	Liu Huiyan	PASS	/
2.1051 22.917(a) 24.238(a)	Band Edge	Jun. 14 to 18, 2025	Liu Huiyan	PASS	/



27.53(a)(4) 27.53(c)(2) 27.53(g) 27.53(h) 27.53(m)(4)					
2.1053 22.917(a) 24.238(a) 27.53(a)(4) 27.53(c)(2) 27.53(g) 27.53(h) 27.53(m)(4)	Radiated Spurious Emissions	Jun. 04, 2025 to Jul. 25, 2025	Gao Jianrou	PASS	/
Note 1: The tests were performed according to the method of measurements prescribed in KDB 971168 D01 v03 and ANSI/TIA-603-E-2016. Note 2: Any additions, deviation, or exclusions from the method shall be noted in the "Remark". Note 3: The antenna gain presented in the report are provided by applicant and/or manufacturer, and the test laboratory is not responsible for the accuracy of the information.					

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 F&H&L&M&N Requirements

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

2.1.1. Requirement

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

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

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

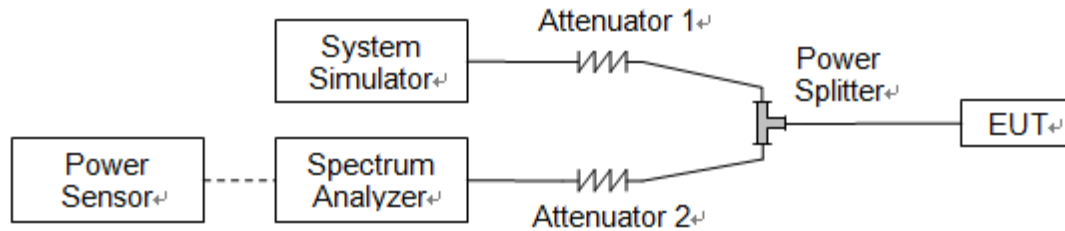
According to FCC section 22.913 (a)(2) for LTE Band 5/26, the E.R.P. of mobile transmitters and auxiliary test transmitters must not exceed 7 watts.

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, Portable stations (hand-held devices) operating in the 704-716MHz band are limited to 3watts E.R.P.

2.1.2. Test Description



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

2.1.3. Test Procedure

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

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

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

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

LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18700	18900	19100
Frequency (MHz)				1860	1880	1900
20	QPSK	1	0	23.25	23.27	23.20
20	QPSK	1	49	23.24	23.26	23.19
20	QPSK	1	99	23.16	23.23	23.20
20	QPSK	50	0	22.30	22.42	22.31
20	QPSK	50	24	22.34	22.28	22.26
20	QPSK	50	50	22.31	22.34	22.27
20	QPSK	100	0	22.34	22.35	22.24
20	16QAM	1	0	22.57	22.61	22.51
20	16QAM	1	49	22.49	22.5	22.53
20	16QAM	1	99	22.59	22.36	22.51
20	16QAM	50	0	21.42	21.37	21.41
20	16QAM	50	24	21.51	21.36	21.35
20	16QAM	50	50	21.38	21.41	21.43
20	16QAM	100	0	21.36	21.38	21.34
20	64QAM	1	0	21.46	21.60	21.55
20	64QAM	1	49	21.49	21.53	21.43
20	64QAM	1	99	21.59	21.47	21.29
20	64QAM	50	0	21.44	21.33	21.33
20	64QAM	50	24	21.27	21.28	21.35
20	64QAM	50	50	21.40	21.33	21.38
20	64QAM	100	0	21.32	21.35	21.34



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	23.20	23.22	23.15
15	QPSK	1	37	23.19	23.21	23.14
15	QPSK	1	74	23.11	23.18	23.15
15	QPSK	36	0	22.25	22.37	22.26
15	QPSK	36	20	22.29	22.23	22.21
15	QPSK	36	39	22.26	22.29	22.22
15	QPSK	75	0	22.29	22.30	22.19
15	16QAM	1	0	22.52	22.56	22.46
15	16QAM	1	37	22.44	22.5	22.48
15	16QAM	1	74	22.54	22.31	22.46
15	16QAM	36	0	21.37	21.32	21.36
15	16QAM	36	20	21.46	21.31	21.30
15	16QAM	36	39	21.33	21.36	21.38
15	16QAM	75	0	21.31	21.33	21.29
15	64QAM	1	0	21.41	21.55	21.50
15	64QAM	1	37	21.44	21.48	21.38
15	64QAM	1	74	21.54	21.42	21.24
15	64QAM	36	0	21.39	21.28	21.28
15	64QAM	36	20	21.22	21.23	21.30
15	64QAM	36	39	21.35	21.28	21.33
15	64QAM	75	0	21.27	21.30	21.29



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	23.14	23.16	23.09
10	QPSK	1	25	23.13	23.15	23.08
10	QPSK	1	49	23.05	23.12	23.09
10	QPSK	25	0	22.19	22.31	22.20
10	QPSK	25	12	22.23	22.17	22.15
10	QPSK	25	25	22.20	22.23	22.16
10	QPSK	50	0	22.23	22.24	22.13
10	16QAM	1	0	22.46	22.50	22.40
10	16QAM	1	25	22.38	22.5.	22.42
10	16QAM	1	49	22.48	22.25	22.40
10	16QAM	25	0	21.31	21.26	21.30
10	16QAM	25	12	21.40	21.25	21.24
10	16QAM	25	25	21.27	21.30	21.32
10	16QAM	50	0	21.25	21.27	21.23
10	64QAM	1	0	21.35	21.49	21.44
10	64QAM	1	25	21.38	21.42	21.32
10	64QAM	1	49	21.48	21.36	21.18
10	64QAM	25	0	21.33	21.22	21.22
10	64QAM	25	12	21.16	21.17	21.24
10	64QAM	25	25	21.29	21.22	21.27
10	64QAM	50	0	21.21	21.24	21.23



LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18625	18900	19175
Frequency (MHz)				1852.5	1880	1907.5
5	QPSK	1	0	23.09	23.11	23.04
5	QPSK	1	12	23.08	23.10	23.03
5	QPSK	1	24	23.00	23.07	23.04
5	QPSK	12	0	22.14	22.26	22.15
5	QPSK	12	7	22.18	22.12	22.10
5	QPSK	12	13	22.15	22.18	22.11
5	QPSK	25	0	22.18	22.19	22.08
5	16QAM	1	0	22.41	22.45	22.35
5	16QAM	1	12	22.33	22.5.	22.37
5	16QAM	1	24	22.43	22.20	22.35
5	16QAM	12	0	21.26	21.21	21.25
5	16QAM	12	7	21.35	21.20	21.19
5	16QAM	12	13	21.22	21.25	21.27
5	16QAM	25	0	21.20	21.22	21.18
5	64QAM	1	0	21.30	21.44	21.39
5	64QAM	1	12	21.33	21.37	21.27
5	64QAM	1	24	21.43	21.31	21.13
5	64QAM	12	0	21.28	21.17	21.17
5	64QAM	12	7	21.11	21.12	21.19
5	64QAM	12	13	21.24	21.17	21.22
5	64QAM	25	0	21.16	21.19	21.18



LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18615	18900	19185
Frequency (MHz)				1851.5	1880	1908.5
3	QPSK	1	0	23.06	23.08	23.01
3	QPSK	1	8	23.05	23.07	23.00
3	QPSK	1	14	22.97	23.04	23.01
3	QPSK	8	0	22.11	22.23	22.12
3	QPSK	8	4	22.15	22.09	22.07
3	QPSK	8	7	22.12	22.15	22.08
3	QPSK	15	0	22.15	22.16	22.05
3	16QAM	1	0	22.38	22.42	22.32
3	16QAM	1	8	22.30	22.5.	22.34
3	16QAM	1	14	22.40	22.17	22.32
3	16QAM	8	0	21.23	21.18	21.22
3	16QAM	8	4	21.32	21.17	21.16
3	16QAM	8	7	21.19	21.22	21.24
3	16QAM	15	0	21.17	21.19	21.15
3	64QAM	1	0	21.27	21.41	21.36
3	64QAM	1	8	21.30	21.34	21.24
3	64QAM	1	14	21.40	21.28	21.10
3	64QAM	8	0	21.25	21.14	21.14
3	64QAM	8	4	21.08	21.09	21.16
3	64QAM	8	7	21.21	21.14	21.19
3	64QAM	15	0	21.13	21.16	21.15



LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18607	18900	19193
Frequency (MHz)				1850.7	1880	1909.3
1.4	QPSK	1	0	23.03	23.05	22.98
1.4	QPSK	1	3	23.02	23.04	22.97
1.4	QPSK	1	5	22.94	23.01	22.98
1.4	QPSK	3	0	22.08	22.20	22.09
1.4	QPSK	3	1	22.12	22.06	22.04
1.4	QPSK	3	3	22.09	22.12	22.05
1.4	QPSK	6	0	22.12	22.13	22.02
1.4	16QAM	1	0	22.35	22.39	22.29
1.4	16QAM	1	3	22.27	22.5.	22.31
1.4	16QAM	1	5	22.37	22.14	22.29
1.4	16QAM	3	0	21.20	21.15	21.19
1.4	16QAM	3	1	21.29	21.14	21.13
1.4	16QAM	3	3	21.16	21.19	21.21
1.4	16QAM	6	0	21.14	21.16	21.12
1.4	64QAM	1	0	21.24	21.38	21.33
1.4	64QAM	1	3	21.27	21.31	21.21
1.4	64QAM	1	5	21.37	21.25	21.07
1.4	64QAM	3	0	21.22	21.11	21.11
1.4	64QAM	3	1	21.05	21.06	21.13
1.4	64QAM	3	3	21.18	21.11	21.16
1.4	64QAM	6	0	21.10	21.13	21.12



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	23.32	23.34	23.27
20	QPSK	1	49	23.31	23.33	23.26
20	QPSK	1	99	23.23	23.30	23.27
20	QPSK	50	0	22.37	22.49	22.38
20	QPSK	50	24	22.41	22.35	22.33
20	QPSK	50	50	22.38	22.41	22.34
20	QPSK	100	0	22.41	22.42	22.37
20	16QAM	1	0	22.68	22.59	22.42
20	16QAM	1	49	22.56	22.65	22.60
20	16QAM	1	99	22.66	22.43	22.70
20	16QAM	50	0	21.37	21.32	21.36
20	16QAM	50	24	21.58	21.43	21.42
20	16QAM	50	50	21.45	21.48	21.50
20	16QAM	100	0	21.43	21.45	21.41
20	64QAM	1	0	21.53	21.67	21.62
20	64QAM	1	49	21.56	21.60	21.50
20	64QAM	1	99	21.66	21.54	21.36
20	64QAM	50	0	21.51	21.40	21.40
20	64QAM	50	24	21.34	21.35	21.42
20	64QAM	50	50	21.47	21.40	21.45
20	64QAM	100	0	21.39	21.42	21.41



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	23.27	23.29	23.22
15	QPSK	1	37	23.26	23.28	23.21
15	QPSK	1	74	23.18	23.25	23.22
15	QPSK	36	0	22.32	22.44	22.33
15	QPSK	36	20	22.36	22.30	22.28
15	QPSK	36	39	22.33	22.36	22.29
15	QPSK	75	0	22.36	22.37	22.32
15	16QAM	1	0	22.63	22.54	22.37
15	16QAM	1	37	22.51	22.60	22.55
15	16QAM	1	74	22.61	22.38	22.65
15	16QAM	36	0	21.32	21.27	21.31
15	16QAM	36	20	21.53	21.38	21.37
15	16QAM	36	39	21.40	21.43	21.45
15	16QAM	75	0	21.38	21.40	21.36
15	64QAM	1	0	21.48	21.62	21.57
15	64QAM	1	37	21.51	21.55	21.45
15	64QAM	1	74	21.61	21.49	21.31
15	64QAM	36	0	21.46	21.35	21.35
15	64QAM	36	20	21.29	21.30	21.37
15	64QAM	36	39	21.42	21.35	21.40
15	64QAM	75	0	21.34	21.37	21.36



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20000	20175	20350
Frequency (MHz)				1715	1732.5	1750
10	QPSK	1	0	23.20	23.22	23.15
10	QPSK	1	25	23.19	23.21	23.14
10	QPSK	1	49	23.11	23.18	23.15
10	QPSK	25	0	22.25	22.37	22.26
10	QPSK	25	12	22.29	22.23	22.21
10	QPSK	25	25	22.26	22.29	22.22
10	QPSK	50	0	22.29	22.30	22.25
10	16QAM	1	0	22.56	22.47	22.30
10	16QAM	1	25	22.44	22.53	22.48
10	16QAM	1	49	22.54	22.31	22.58
10	16QAM	25	0	21.25	21.20	21.24
10	16QAM	25	12	21.46	21.31	21.30
10	16QAM	25	25	21.33	21.36	21.38
10	16QAM	50	0	21.31	21.33	21.29
10	64QAM	1	0	21.41	21.55	21.50
10	64QAM	1	25	21.44	21.48	21.38
10	64QAM	1	49	21.54	21.42	21.24
10	64QAM	25	0	21.39	21.28	21.28
10	64QAM	25	12	21.22	21.23	21.30
10	64QAM	25	25	21.35	21.28	21.33
10	64QAM	50	0	21.27	21.30	21.29



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				19975	20175	20375
Frequency (MHz)				1712.5	1732.5	1752.5
5	QPSK	1	0	23.17	23.19	23.12
5	QPSK	1	12	23.16	23.18	23.11
5	QPSK	1	24	23.08	23.15	23.12
5	QPSK	12	0	22.22	22.34	22.23
5	QPSK	12	7	22.26	22.20	22.18
5	QPSK	12	13	22.23	22.26	22.19
5	QPSK	25	0	22.26	22.27	22.22
5	16QAM	1	0	22.53	22.44	22.27
5	16QAM	1	12	22.41	22.50	22.45
5	16QAM	1	24	22.51	22.28	22.55
5	16QAM	12	0	21.22	21.17	21.21
5	16QAM	12	7	21.43	21.28	21.27
5	16QAM	12	13	21.30	21.33	21.35
5	16QAM	25	0	21.28	21.30	21.26
5	64QAM	1	0	21.38	21.52	21.47
5	64QAM	1	12	21.41	21.45	21.35
5	64QAM	1	24	21.51	21.39	21.21
5	64QAM	12	0	21.36	21.25	21.25
5	64QAM	12	7	21.19	21.20	21.27
5	64QAM	12	13	21.32	21.25	21.30
5	64QAM	25	0	21.24	21.27	21.26



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				19965	20175	20385
Frequency (MHz)				1711.5	1732.5	1753.5
3	QPSK	1	0	23.12	23.14	23.07
3	QPSK	1	8	23.11	23.13	23.06
3	QPSK	1	14	23.03	23.10	23.07
3	QPSK	8	0	22.17	22.29	22.18
3	QPSK	8	4	22.21	22.15	22.13
3	QPSK	8	7	22.18	22.21	22.14
3	QPSK	15	0	22.21	22.22	22.17
3	16QAM	1	0	22.48	22.39	22.22
3	16QAM	1	8	22.36	22.45	22.40
3	16QAM	1	14	22.46	22.23	22.50
3	16QAM	8	0	21.17	21.12	21.16
3	16QAM	8	4	21.38	21.23	21.22
3	16QAM	8	7	21.25	21.28	21.30
3	16QAM	15	0	21.23	21.25	21.21
3	64QAM	1	0	21.33	21.47	21.42
3	64QAM	1	8	21.36	21.40	21.30
3	64QAM	1	14	21.46	21.34	21.16
3	64QAM	8	0	21.31	21.20	21.20
3	64QAM	8	4	21.14	21.15	21.22
3	64QAM	8	7	21.27	21.20	21.25
3	64QAM	15	0	21.19	21.22	21.21



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				19957	20175	20393
Frequency (MHz)				1710.7	1732.5	1754.3
1.4	QPSK	1	0	23.07	23.09	23.02
1.4	QPSK	1	3	23.06	23.08	23.01
1.4	QPSK	1	5	22.98	23.05	23.02
1.4	QPSK	3	0	22.12	22.24	22.13
1.4	QPSK	3	1	22.16	22.10	22.08
1.4	QPSK	3	3	22.13	22.16	22.09
1.4	QPSK	6	0	22.16	22.17	22.12
1.4	16QAM	1	0	22.43	22.34	22.17
1.4	16QAM	1	3	22.31	22.40	22.35
1.4	16QAM	1	5	22.41	22.18	22.45
1.4	16QAM	3	0	21.12	21.07	21.11
1.4	16QAM	3	1	21.33	21.18	21.17
1.4	16QAM	3	3	21.20	21.23	21.25
1.4	16QAM	6	0	21.18	21.20	21.16
1.4	64QAM	1	0	21.28	21.42	21.37
1.4	64QAM	1	3	21.31	21.35	21.25
1.4	64QAM	1	5	21.41	21.29	21.11
1.4	64QAM	3	0	21.26	21.15	21.15
1.4	64QAM	3	1	21.09	21.10	21.17
1.4	64QAM	3	3	21.22	21.15	21.20
1.4	64QAM	6	0	21.14	21.17	21.16



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	23.18	23.19	23.11
10	QPSK	1	25	23.14	23.17	23.06
10	QPSK	1	49	23.06	23.13	23.11
10	QPSK	25	0	22.24	22.32	22.18
10	QPSK	25	12	22.31	22.28	22.23
10	QPSK	25	25	22.23	22.19	22.22
10	QPSK	50	0	22.12	22.14	22.11
10	16QAM	1	0	22.21	22.11	22.07
10	16QAM	1	25	22.20	22.38	22.24
10	16QAM	1	49	22.17	22.18	22.10
10	16QAM	25	0	21.16	21.07	21.04
10	16QAM	25	12	21.08	21.04	21.01
10	16QAM	25	25	21.16	21.12	21.07
10	16QAM	50	0	21.20	21.06	21.03
10	64QAM	1	0	21.22	21.29	21.18
10	64QAM	1	25	21.09	21.07	21.13
10	64QAM	1	49	21.24	21.04	21.20
10	64QAM	25	0	21.19	21.12	21.07
10	64QAM	25	12	21.27	21.07	21.12
10	64QAM	25	25	21.11	21.12	21.07
10	64QAM	50	0	21.12	21.09	21.11



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	23.13	23.14	23.06
5	QPSK	1	12	23.09	23.12	23.01
5	QPSK	1	24	23.01	23.08	23.06
5	QPSK	12	0	22.19	22.27	22.13
5	QPSK	12	7	22.26	22.23	22.18
5	QPSK	12	13	22.18	22.14	22.17
5	QPSK	25	0	22.07	22.09	22.06
5	16QAM	1	0	22.16	22.06	22.02
5	16QAM	1	12	22.15	22.33	22.19
5	16QAM	1	24	22.12	22.13	22.05
5	16QAM	12	0	21.11	21.02	20.99
5	16QAM	12	7	21.03	20.99	20.96
5	16QAM	12	13	21.11	21.07	21.02
5	16QAM	25	0	21.15	21.01	20.98
5	64QAM	1	0	21.17	21.24	21.13
5	64QAM	1	12	21.04	21.02	21.08
5	64QAM	1	24	21.19	20.99	21.15
5	64QAM	12	0	21.14	21.07	21.02
5	64QAM	12	7	21.22	21.02	21.07
5	64QAM	12	13	21.06	21.07	21.02
5	64QAM	25	0	21.07	21.04	21.06



LTE Band 5						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20415	20525	20635
Frequency (MHz)				825.5	836.5	847.5
3	QPSK	1	0	23.10	23.11	23.03
3	QPSK	1	8	23.06	23.09	22.98
3	QPSK	1	14	22.98	23.05	23.03
3	QPSK	8	0	22.16	22.24	22.10
3	QPSK	8	4	22.23	22.20	22.15
3	QPSK	8	7	22.15	22.11	22.14
3	QPSK	15	0	22.04	22.06	22.03
3	16QAM	1	0	22.13	22.03	21.99
3	16QAM	1	8	22.12	22.30	22.16
3	16QAM	1	14	22.09	22.10	22.02
3	16QAM	8	0	21.08	20.99	20.96
3	16QAM	8	4	21.00	20.96	20.93
3	16QAM	8	7	21.08	21.04	20.99
3	16QAM	15	0	21.12	20.98	20.95
3	64QAM	1	0	21.14	21.21	21.10
3	64QAM	1	8	21.01	20.99	21.05
3	64QAM	1	14	21.16	20.96	21.12
3	64QAM	8	0	21.11	21.04	20.99
3	64QAM	8	4	21.19	20.99	21.04
3	64QAM	8	7	21.03	21.04	20.99
3	64QAM	15	0	21.04	21.01	21.03



LTE Band 5						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20407	20525	20643
Frequency (MHz)				824.7	836.5	848.3
1.4	QPSK	1	0	23.07	23.08	23.00
1.4	QPSK	1	3	23.03	23.06	22.95
1.4	QPSK	1	5	22.95	23.02	23.00
1.4	QPSK	3	0	22.13	22.21	22.07
1.4	QPSK	3	1	22.20	22.17	22.12
1.4	QPSK	3	3	22.12	22.08	22.11
1.4	QPSK	6	0	22.01	22.03	22.00
1.4	16QAM	1	0	22.10	22.00	21.96
1.4	16QAM	1	3	22.09	22.27	22.13
1.4	16QAM	1	5	22.06	22.07	21.99
1.4	16QAM	3	0	21.05	20.96	20.93
1.4	16QAM	3	1	20.97	20.93	20.90
1.4	16QAM	3	3	21.05	21.01	20.96
1.4	16QAM	6	0	21.09	20.95	20.92
1.4	64QAM	1	0	21.11	21.18	21.07
1.4	64QAM	1	3	20.98	20.96	21.02
1.4	64QAM	1	5	21.13	20.93	21.09
1.4	64QAM	3	0	21.08	21.01	20.96
1.4	64QAM	3	1	21.16	20.96	21.01
1.4	64QAM	3	3	21.00	21.01	20.96
1.4	64QAM	6	0	21.01	20.98	21.00



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	22.07	22.13	22.09
20	QPSK	1	49	21.99	22.06	22.11
20	QPSK	1	99	22.10	22.11	22.12
20	QPSK	50	0	21.20	21.33	21.32
20	QPSK	50	24	21.27	21.32	21.31
20	QPSK	50	50	21.30	21.29	21.31
20	QPSK	100	0	21.25	21.26	21.21
20	16QAM	1	0	21.21	21.15	21.20
20	16QAM	1	49	21.28	21.27	21.19
20	16QAM	1	99	21.29	21.34	21.30
20	16QAM	50	0	20.19	20.34	20.40
20	16QAM	50	24	20.23	20.28	20.20
20	16QAM	50	50	20.22	20.33	20.18
20	16QAM	100	0	20.21	20.26	20.31
20	64QAM	1	0	20.24	20.28	20.32
20	64QAM	1	49	20.28	20.34	20.09
20	64QAM	1	99	20.23	20.10	20.00
20	64QAM	50	0	20.20	20.24	20.28
20	64QAM	50	24	20.20	20.33	20.12
20	64QAM	50	50	20.17	20.32	20.26
20	64QAM	100	0	20.25	20.24	20.14



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	22.02	22.08	22.04
15	QPSK	1	37	21.94	22.01	22.06
15	QPSK	1	74	22.05	22.06	22.07
15	QPSK	36	0	21.15	21.28	21.27
15	QPSK	36	20	21.22	21.27	21.26
15	QPSK	36	39	21.25	21.24	21.26
15	QPSK	75	0	21.20	21.21	21.16
15	16QAM	1	0	21.16	21.10	21.15
15	16QAM	1	37	21.23	21.22	21.14
15	16QAM	1	74	21.24	21.29	21.25
15	16QAM	36	0	20.14	20.29	20.35
15	16QAM	36	20	20.18	20.23	20.15
15	16QAM	36	39	20.17	20.28	20.13
15	16QAM	75	0	20.16	20.21	20.26
15	64QAM	1	0	20.19	20.23	20.27
15	64QAM	1	37	20.23	20.29	20.04
15	64QAM	1	74	20.18	20.05	19.95
15	64QAM	36	0	20.15	20.19	20.23
15	64QAM	36	20	20.15	20.28	20.07
15	64QAM	36	39	20.12	20.27	20.21
15	64QAM	75	0	20.20	20.19	20.09



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	21.98	22.04	22.00
10	QPSK	1	25	21.90	21.97	22.02
10	QPSK	1	49	22.01	22.02	22.03
10	QPSK	25	0	21.11	21.24	21.23
10	QPSK	25	12	21.18	21.23	21.22
10	QPSK	25	25	21.21	21.20	21.22
10	QPSK	50	0	21.16	21.17	21.12
10	16QAM	1	0	21.12	21.06	21.11
10	16QAM	1	25	21.19	21.18	21.10
10	16QAM	1	49	21.20	21.25	21.21
10	16QAM	25	0	20.10	20.25	20.31
10	16QAM	25	12	20.14	20.19	20.11
10	16QAM	25	25	20.13	20.24	20.09
10	16QAM	50	0	20.12	20.17	20.22
10	64QAM	1	0	20.15	20.19	20.23
10	64QAM	1	25	20.19	20.25	20.00
10	64QAM	1	49	20.14	20.01	19.91
10	64QAM	25	0	20.11	20.15	20.19
10	64QAM	25	12	20.11	20.24	20.03
10	64QAM	25	25	20.08	20.23	20.17
10	64QAM	50	0	20.16	20.15	20.05



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	21.95	22.01	21.97
5	QPSK	1	12	21.87	21.94	21.99
5	QPSK	1	24	21.98	21.99	22.00
5	QPSK	12	0	21.08	21.21	21.20
5	QPSK	12	7	21.15	21.20	21.19
5	QPSK	12	13	21.18	21.17	21.19
5	QPSK	25	0	21.13	21.14	21.09
5	16QAM	1	0	21.09	21.03	21.08
5	16QAM	1	12	21.16	21.15	21.07
5	16QAM	1	24	21.17	21.22	21.18
5	16QAM	12	0	20.07	20.22	20.28
5	16QAM	12	7	20.11	20.16	20.08
5	16QAM	12	13	20.10	20.21	20.06
5	16QAM	25	0	20.09	20.14	20.19
5	64QAM	1	0	20.12	20.16	20.20
5	64QAM	1	12	20.16	20.22	19.97
5	64QAM	1	24	20.11	19.98	19.88
5	64QAM	12	0	20.08	20.12	20.16
5	64QAM	12	7	20.08	20.21	20.00
5	64QAM	12	13	20.05	20.20	20.14
5	64QAM	25	0	20.13	20.12	20.02



LTE Band 12						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23060	23095	23130
Frequency (MHz)				704	707.5	711
10	QPSK	1	0	23.28	23.33	23.21
10	QPSK	1	25	23.21	23.24	23.25
10	QPSK	1	49	23.11	23.26	23.28
10	QPSK	25	0	22.27	22.32	22.31
10	QPSK	25	12	22.29	22.20	22.27
10	QPSK	25	25	22.29	22.24	22.21
10	QPSK	50	0	22.23	22.22	22.28
10	16QAM	1	0	22.47	22.44	22.31
10	16QAM	1	25	22.22	22.29	22.29
10	16QAM	1	49	22.27	22.22	22.33
10	16QAM	25	0	21.25	21.27	21.38
10	16QAM	25	12	21.23	21.28	21.25
10	16QAM	25	25	21.35	21.32	21.34
10	16QAM	50	0	21.39	21.33	21.30
10	64QAM	1	0	21.39	21.34	21.24
10	64QAM	1	25	21.45	21.40	21.38
10	64QAM	1	49	21.51	21.53	21.47
10	64QAM	25	0	21.23	21.43	21.27
10	64QAM	25	12	21.30	21.36	21.38
10	64QAM	25	25	21.25	21.32	21.26
10	64QAM	50	0	21.29	21.27	21.30



LTE Band 12						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23035	23095	23155
Frequency (MHz)				701.5	707.5	713.5
5	QPSK	1	0	23.22	23.27	23.15
5	QPSK	1	12	23.15	23.18	23.19
5	QPSK	1	24	23.05	23.20	23.22
5	QPSK	12	0	22.21	22.26	22.25
5	QPSK	12	7	22.23	22.14	22.21
5	QPSK	12	13	22.23	22.18	22.15
5	QPSK	25	0	22.17	22.16	22.22
5	16QAM	1	0	22.41	22.38	22.25
5	16QAM	1	12	22.16	22.23	22.23
5	16QAM	1	24	22.21	22.16	22.27
5	16QAM	12	0	21.19	21.21	21.32
5	16QAM	12	7	21.17	21.22	21.19
5	16QAM	12	13	21.29	21.26	21.28
5	16QAM	25	0	21.33	21.27	21.24
5	64QAM	1	0	21.33	21.28	21.18
5	64QAM	1	12	21.39	21.34	21.32
5	64QAM	1	24	21.45	21.47	21.41
5	64QAM	12	0	21.17	21.37	21.21
5	64QAM	12	7	21.24	21.30	21.32
5	64QAM	12	13	21.19	21.26	21.20
5	64QAM	25	0	21.23	21.21	21.24



LTE Band 12						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23025	23095	23165
Frequency (MHz)				700.5	707.5	714.5
3	QPSK	1	0	23.17	23.22	23.10
3	QPSK	1	8	23.10	23.13	23.14
3	QPSK	1	14	23.00	23.15	23.17
3	QPSK	8	0	22.16	22.21	22.20
3	QPSK	8	4	22.18	22.09	22.16
3	QPSK	8	7	22.18	22.13	22.10
3	QPSK	15	0	22.12	22.11	22.17
3	16QAM	1	0	22.36	22.33	22.20
3	16QAM	1	8	22.11	22.18	22.18
3	16QAM	1	14	22.16	22.11	22.22
3	16QAM	8	0	21.14	21.16	21.27
3	16QAM	8	4	21.12	21.17	21.14
3	16QAM	8	7	21.24	21.21	21.23
3	16QAM	15	0	21.28	21.22	21.19
3	64QAM	1	0	21.28	21.23	21.13
3	64QAM	1	8	21.34	21.29	21.27
3	64QAM	1	14	21.40	21.42	21.36
3	64QAM	8	0	21.12	21.32	21.16
3	64QAM	8	4	21.19	21.25	21.27
3	64QAM	8	7	21.14	21.21	21.15
3	64QAM	15	0	21.18	21.16	21.19



LTE Band 12						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23017	23095	23173
Frequency (MHz)				699.7	707.5	715.3
1.4	QPSK	1	0	23.12	23.17	23.05
1.4	QPSK	1	3	23.05	23.08	23.09
1.4	QPSK	1	5	22.95	23.10	23.12
1.4	QPSK	3	0	22.11	22.16	22.15
1.4	QPSK	3	1	22.13	22.04	22.11
1.4	QPSK	3	3	22.13	22.08	22.05
1.4	QPSK	6	0	22.07	22.06	22.12
1.4	16QAM	1	0	22.31	22.28	22.15
1.4	16QAM	1	3	22.06	22.13	22.13
1.4	16QAM	1	5	22.11	22.06	22.17
1.4	16QAM	3	0	21.09	21.11	21.22
1.4	16QAM	3	1	21.07	21.12	21.09
1.4	16QAM	3	3	21.19	21.16	21.18
1.4	16QAM	6	0	21.23	21.17	21.14
1.4	64QAM	1	0	21.23	21.18	21.08
1.4	64QAM	1	3	21.29	21.24	21.22
1.4	64QAM	1	5	21.35	21.37	21.31
1.4	64QAM	3	0	21.07	21.27	21.11
1.4	64QAM	3	1	21.14	21.20	21.22
1.4	64QAM	3	3	21.09	21.16	21.10
1.4	64QAM	6	0	21.13	21.11	21.14



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	/	23.37	/
10	QPSK	1	25	/	23.34	/
10	QPSK	1	49	/	23.24	/
10	QPSK	25	0	/	22.42	/
10	QPSK	25	12	/	22.34	/
10	QPSK	25	25	/	22.35	/
10	QPSK	50	0	/	22.36	/
10	16QAM	1	0	/	22.51	/
10	16QAM	1	25	/	22.48	/
10	16QAM	1	49	/	22.59	/
10	16QAM	25	0	/	21.45	/
10	16QAM	25	12	/	21.45	/
10	16QAM	25	25	/	21.37	/
10	16QAM	50	0	/	21.41	/
10	64QAM	1	0	/	21.53	/
10	64QAM	1	25	/	21.62	/
10	64QAM	1	49	/	21.56	/
10	64QAM	25	0	/	21.43	/
10	64QAM	25	12	/	21.40	/
10	64QAM	25	25	/	21.44	/
10	64QAM	50	0	/	21.35	/



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	23.35	23.36	23.33
5	QPSK	1	12	23.30	23.26	23.32
5	QPSK	1	24	23.17	23.14	23.23
5	QPSK	12	0	22.40	22.36	22.37
5	QPSK	12	7	22.35	22.32	22.35
5	QPSK	12	13	22.34	22.32	22.26
5	QPSK	25	0	22.26	22.32	22.26
5	16QAM	1	0	22.49	22.50	22.49
5	16QAM	1	12	22.40	22.46	22.40
5	16QAM	1	24	22.53	22.50	22.51
5	16QAM	12	0	21.40	21.41	21.43
5	16QAM	12	7	21.36	21.37	21.39
5	16QAM	12	13	21.29	21.32	21.35
5	16QAM	25	0	21.38	21.31	21.38
5	64QAM	1	0	21.51	21.45	21.51
5	64QAM	1	12	21.53	21.58	21.60
5	64QAM	1	24	21.46	21.49	21.46
5	64QAM	12	0	21.42	21.42	21.33
5	64QAM	12	7	21.35	21.30	21.37
5	64QAM	12	13	21.42	21.40	21.37
5	64QAM	25	0	21.29	21.32	21.31



LTE Band 25						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26140	26365	26590
Frequency (MHz)				1860	1882.5	1905
20	QPSK	1	0	23.28	23.34	23.26
20	QPSK	1	49	23.15	23.12	23.09
20	QPSK	1	99	23.13	23.04	23.02
20	QPSK	50	0	22.30	22.31	22.28
20	QPSK	50	24	22.27	22.23	22.25
20	QPSK	50	50	22.26	22.17	22.19
20	QPSK	100	0	22.25	22.26	22.25
20	16QAM	1	0	22.18	22.18	22.20
20	16QAM	1	49	22.27	22.24	22.23
20	16QAM	1	99	22.09	22.21	22.22
20	16QAM	50	0	21.30	21.15	21.16
20	16QAM	50	24	21.20	21.19	21.09
20	16QAM	50	50	21.15	21.13	21.14
20	16QAM	100	0	21.14	21.23	21.13
20	64QAM	1	0	21.21	21.22	21.15
20	64QAM	1	49	21.16	21.18	21.25
20	64QAM	1	99	21.23	21.20	21.18
20	64QAM	50	0	21.19	21.14	21.17
20	64QAM	50	24	21.19	21.25	21.16
20	64QAM	50	50	21.10	21.16	21.10
20	64QAM	100	0	21.25	21.24	21.04



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	23.23	23.29	23.21
15	QPSK	1	37	23.10	23.07	23.04
15	QPSK	1	74	23.08	22.99	22.97
15	QPSK	36	0	22.25	22.26	22.23
15	QPSK	36	20	22.22	22.18	22.20
15	QPSK	36	39	22.21	22.12	22.14
15	QPSK	75	0	22.20	22.21	22.20
15	16QAM	1	0	22.13	22.13	22.15
15	16QAM	1	37	22.22	22.19	22.18
15	16QAM	1	74	22.04	22.16	22.17
15	16QAM	36	0	21.25	21.10	21.11
15	16QAM	36	20	21.15	21.14	21.04
15	16QAM	36	39	21.10	21.08	21.09
15	16QAM	75	0	21.09	21.18	21.08
15	64QAM	1	0	21.16	21.17	21.10
15	64QAM	1	37	21.11	21.13	21.20
15	64QAM	1	74	21.18	21.15	21.13
15	64QAM	36	0	21.14	21.09	21.12
15	64QAM	36	20	21.14	21.20	21.11
15	64QAM	36	39	21.05	21.11	21.05
15	64QAM	75	0	21.20	21.19	20.99



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	23.18	23.24	23.16
10	QPSK	1	25	23.05	23.02	22.99
10	QPSK	1	49	23.03	22.94	22.92
10	QPSK	25	0	22.20	22.21	22.18
10	QPSK	25	12	22.17	22.13	22.15
10	QPSK	25	25	22.16	22.07	22.09
10	QPSK	50	0	22.15	22.16	22.15
10	16QAM	1	0	22.08	22.08	22.10
10	16QAM	1	25	22.17	22.14	22.13
10	16QAM	1	49	21.99	22.11	22.12
10	16QAM	25	0	21.20	21.05	21.06
10	16QAM	25	12	21.10	21.09	20.99
10	16QAM	25	25	21.05	21.03	21.04
10	16QAM	50	0	21.04	21.13	21.03
10	64QAM	1	0	21.11	21.12	21.05
10	64QAM	1	25	21.06	21.08	21.15
10	64QAM	1	49	21.13	21.10	21.08
10	64QAM	25	0	21.09	21.04	21.07
10	64QAM	25	12	21.09	21.15	21.06
10	64QAM	25	25	21.00	21.06	21.00
10	64QAM	50	0	21.15	21.14	20.94



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	23.15	23.21	23.13
5	QPSK	1	12	23.02	22.99	22.96
5	QPSK	1	24	23.00	22.91	22.89
5	QPSK	12	0	22.17	22.18	22.15
5	QPSK	12	7	22.14	22.10	22.12
5	QPSK	12	13	22.13	22.04	22.06
5	QPSK	25	0	22.12	22.13	22.12
5	16QAM	1	0	22.05	22.05	22.07
5	16QAM	1	12	22.14	22.11	22.10
5	16QAM	1	24	21.96	22.08	22.09
5	16QAM	12	0	21.17	21.02	21.03
5	16QAM	12	7	21.07	21.06	20.96
5	16QAM	12	13	21.02	21.00	21.01
5	16QAM	25	0	21.01	21.10	21.00
5	64QAM	1	0	21.08	21.09	21.02
5	64QAM	1	12	21.03	21.05	21.12
5	64QAM	1	24	21.10	21.07	21.05
5	64QAM	12	0	21.06	21.01	21.04
5	64QAM	12	7	21.06	21.12	21.03
5	64QAM	12	13	20.97	21.03	20.97
5	64QAM	25	0	21.12	21.11	20.91



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	23.11	23.17	23.09
3	QPSK	1	8	22.98	22.95	22.92
3	QPSK	1	14	22.96	22.87	22.85
3	QPSK	8	0	22.13	22.14	22.11
3	QPSK	8	4	22.10	22.06	22.08
3	QPSK	8	7	22.09	22.00	22.02
3	QPSK	15	0	22.08	22.09	22.08
3	16QAM	1	0	22.01	22.01	22.03
3	16QAM	1	8	22.10	22.07	22.06
3	16QAM	1	14	21.92	22.04	22.05
3	16QAM	8	0	21.13	20.98	20.99
3	16QAM	8	4	21.03	21.02	20.92
3	16QAM	8	7	20.98	20.96	20.97
3	16QAM	15	0	20.97	21.06	20.96
3	64QAM	1	0	21.04	21.05	20.98
3	64QAM	1	8	20.99	21.01	21.08
3	64QAM	1	14	21.06	21.03	21.01
3	64QAM	8	0	21.02	20.97	21.00
3	64QAM	8	4	21.02	21.08	20.99
3	64QAM	8	7	20.93	20.99	20.93
3	64QAM	15	0	21.08	21.07	20.87



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	23.08	23.14	23.06
1.4	QPSK	1	3	22.95	22.92	22.89
1.4	QPSK	1	5	22.93	22.84	22.82
1.4	QPSK	3	0	22.10	22.11	22.08
1.4	QPSK	3	1	22.07	22.03	22.05
1.4	QPSK	3	3	22.06	21.97	21.99
1.4	QPSK	6	0	22.05	22.06	22.05
1.4	16QAM	1	0	21.98	21.98	22.00
1.4	16QAM	1	3	22.07	22.04	22.03
1.4	16QAM	1	5	21.89	22.01	22.02
1.4	16QAM	3	0	21.10	20.95	20.96
1.4	16QAM	3	1	21.00	20.99	20.89
1.4	16QAM	3	3	20.95	20.93	20.94
1.4	16QAM	6	0	20.94	21.03	20.93
1.4	64QAM	1	0	21.01	21.02	20.95
1.4	64QAM	1	3	20.96	20.98	21.05
1.4	64QAM	1	5	21.03	21.00	20.98
1.4	64QAM	3	0	20.99	20.94	20.97
1.4	64QAM	3	1	20.99	21.05	20.96
1.4	64QAM	3	3	20.90	20.96	20.90
1.4	64QAM	6	0	21.05	21.04	20.84



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	22.55	22.47	22.62
15	QPSK	1	37	22.35	22.47	22.54
15	QPSK	1	74	22.26	22.44	22.45
15	QPSK	36	0	21.56	21.60	21.59
15	QPSK	36	20	21.72	21.62	21.64
15	QPSK	36	39	21.71	21.70	21.71
15	QPSK	75	0	21.70	21.62	21.55
15	16QAM	1	0	21.63	21.57	21.67
15	16QAM	1	37	21.52	21.73	21.86
15	16QAM	1	74	21.38	21.54	21.34
15	16QAM	36	0	20.55	20.40	20.70
15	16QAM	36	20	20.73	20.62	20.70
15	16QAM	36	39	20.43	20.70	20.67
15	16QAM	75	0	20.65	20.60	20.69
15	64QAM	1	0	20.67	20.85	20.77
15	64QAM	1	37	20.61	20.55	20.77
15	64QAM	1	74	20.24	20.55	20.61
15	64QAM	36	0	19.56	19.56	19.64
15	64QAM	36	20	19.70	19.59	19.63
15	64QAM	36	39	19.69	19.84	19.57
15	64QAM	75	0	19.71	19.42	19.55



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	22.34	22.19	22.18
10	QPSK	1	25	22.22	22.48	22.47
10	QPSK	1	49	22.46	22.17	22.06
10	QPSK	25	0	21.70	21.80	21.77
10	QPSK	25	12	21.81	21.79	21.75
10	QPSK	25	25	21.90	21.91	21.83
10	QPSK	50	0	21.92	21.80	21.77
10	16QAM	1	0	21.85	21.84	21.67
10	16QAM	1	25	21.66	21.90	21.82
10	16QAM	1	49	21.72	21.56	21.66
10	16QAM	25	0	20.76	20.76	20.78
10	16QAM	25	12	20.86	20.75	20.70
10	16QAM	25	25	20.82	20.87	20.83
10	16QAM	50	0	20.52	20.74	20.79
10	64QAM	1	0	20.82	20.79	20.87
10	64QAM	1	25	20.83	20.92	20.81
10	64QAM	1	49	20.64	20.58	20.70
10	64QAM	25	0	19.62	19.77	19.86
10	64QAM	25	12	19.87	19.77	19.72
10	64QAM	25	25	19.89	19.83	19.82
10	64QAM	50	0	19.88	19.70	19.73



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	22.32	22.30	22.52
5	QPSK	1	12	22.11	22.23	22.36
5	QPSK	1	24	22.13	22.26	22.35
5	QPSK	12	0	21.71	21.70	21.70
5	QPSK	12	7	21.81	21.74	21.78
5	QPSK	12	13	21.79	21.76	21.74
5	QPSK	25	0	21.80	21.68	21.74
5	16QAM	1	0	21.80	21.82	21.82
5	16QAM	1	12	21.95	21.80	21.66
5	16QAM	1	24	21.69	21.81	21.67
5	16QAM	12	0	20.79	20.66	20.74
5	16QAM	12	7	20.84	20.80	20.74
5	16QAM	12	13	20.80	20.81	20.72
5	16QAM	25	0	20.50	20.67	20.68
5	64QAM	1	0	20.65	20.61	20.99
5	64QAM	1	12	20.86	20.89	20.64
5	64QAM	1	24	20.63	20.71	20.66
5	64QAM	12	0	19.77	19.62	19.82
5	64QAM	12	7	19.87	19.77	19.78
5	64QAM	12	13	19.85	19.74	19.78
5	64QAM	25	0	19.82	19.65	19.76



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	22.36	22.23	22.48
3	QPSK	1	8	22.26	22.25	22.31
3	QPSK	1	14	21.95	21.95	22.44
3	QPSK	8	0	21.76	21.62	21.61
3	QPSK	8	4	21.81	21.72	21.77
3	QPSK	8	7	21.76	21.75	21.65
3	QPSK	15	0	21.76	21.69	21.75
3	16QAM	1	0	21.78	21.71	21.88
3	16QAM	1	8	21.74	21.74	21.99
3	16QAM	1	14	21.87	21.71	21.69
3	16QAM	8	0	20.79	20.67	20.65
3	16QAM	8	4	20.92	20.76	20.77
3	16QAM	8	7	20.75	20.84	20.80
3	16QAM	15	0	20.76	20.73	20.71
3	64QAM	1	0	20.66	20.62	20.72
3	64QAM	1	8	20.70	20.73	20.74
3	64QAM	1	14	20.71	20.62	20.57
3	64QAM	8	0	19.68	19.69	19.72
3	64QAM	8	4	19.68	19.72	19.67
3	64QAM	8	7	19.72	19.86	19.74
3	64QAM	15	0	19.73	19.67	19.73



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	22.47	22.26	22.31
1.4	QPSK	1	3	22.58	22.38	22.33
1.4	QPSK	1	5	22.40	22.05	22.41
1.4	QPSK	3	0	22.69	22.61	22.33
1.4	QPSK	3	1	22.76	22.71	22.12
1.4	QPSK	3	3	22.76	22.71	22.29
1.4	QPSK	6	0	21.75	21.65	21.53
1.4	16QAM	1	0	21.81	21.65	21.66
1.4	16QAM	1	3	21.69	21.87	21.65
1.4	16QAM	1	5	21.84	21.69	21.72
1.4	16QAM	3	0	21.68	21.72	21.48
1.4	16QAM	3	1	21.72	21.53	21.56
1.4	16QAM	3	3	21.68	21.51	21.47
1.4	16QAM	6	0	20.76	20.59	20.56
1.4	64QAM	1	0	21.46	20.57	20.61
1.4	64QAM	1	3	20.75	20.67	20.57
1.4	64QAM	1	5	20.64	20.53	20.51
1.4	64QAM	3	0	20.83	20.84	20.66
1.4	64QAM	3	1	20.67	20.77	20.55
1.4	64QAM	3	3	20.87	20.76	20.52
1.4	64QAM	6	0	19.80	19.50	19.69



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				37850	38000	38150
Frequency (MHz)				2580	2595	2610
20	QPSK	1	0	23.13	23.17	23.15
20	QPSK	1	49	23.00	23.13	22.97
20	QPSK	1	99	23.12	23.09	22.91
20	QPSK	50	0	22.12	22.19	22.14
20	QPSK	50	24	22.15	22.16	22.02
20	QPSK	50	50	22.12	22.05	21.98
20	QPSK	100	0	22.15	22.18	22.05
20	16QAM	1	0	22.25	22.26	22.14
20	16QAM	1	49	22.15	22.18	22.22
20	16QAM	1	99	22.07	22.11	22.08
20	16QAM	50	0	21.12	21.19	21.00
20	16QAM	50	24	21.20	21.15	21.17
20	16QAM	50	50	21.02	21.07	21.00
20	16QAM	100	0	21.11	21.12	21.06
20	64QAM	1	0	21.16	21.23	21.14
20	64QAM	1	49	20.98	21.06	21.09
20	64QAM	1	99	21.05	21.07	21.08
20	64QAM	50	0	21.04	21.09	21.04
20	64QAM	50	24	21.08	21.04	21.00
20	64QAM	50	50	20.95	21.02	20.89
20	64QAM	100	0	20.87	21.05	20.91



LTE Band 38						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				37825	38000	38175
Frequency (MHz)				2577.5	2595	2612.5
15	QPSK	1	0	23.08	23.12	23.10
15	QPSK	1	37	22.95	23.08	22.92
15	QPSK	1	74	23.07	23.04	22.86
15	QPSK	36	0	22.07	22.14	22.09
15	QPSK	36	20	22.10	22.11	21.97
15	QPSK	36	39	22.07	22.00	21.93
15	QPSK	75	0	22.10	22.13	22.00
15	16QAM	1	0	22.20	22.21	22.09
15	16QAM	1	37	22.10	22.13	22.17
15	16QAM	1	74	22.02	22.06	22.03
15	16QAM	36	0	21.07	21.14	20.95
15	16QAM	36	20	21.15	21.10	21.12
15	16QAM	36	39	20.97	21.02	20.95
15	16QAM	75	0	21.06	21.07	21.01
15	64QAM	1	0	21.11	21.18	21.09
15	64QAM	1	37	20.93	21.01	21.04
15	64QAM	1	74	21.00	21.02	21.03
15	64QAM	36	0	20.99	21.04	20.99
15	64QAM	36	20	21.03	20.99	20.95
15	64QAM	36	39	20.90	20.97	20.84
15	64QAM	75	0	20.82	21.00	20.86



LTE Band 38						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				37800	38000	38200
Frequency (MHz)				2575	2595	2615
10	QPSK	1	0	23.05	23.09	23.07
10	QPSK	1	25	22.92	23.05	22.89
10	QPSK	1	49	23.04	23.01	22.83
10	QPSK	25	0	22.04	22.11	22.06
10	QPSK	25	12	22.07	22.08	21.94
10	QPSK	25	25	22.04	21.97	21.90
10	QPSK	50	0	22.07	22.10	21.97
10	16QAM	1	0	22.17	22.18	22.06
10	16QAM	1	25	22.07	22.10	22.14
10	16QAM	1	49	21.99	22.03	22.00
10	16QAM	25	0	21.04	21.11	20.92
10	16QAM	25	12	21.12	21.07	21.09
10	16QAM	25	25	20.94	20.99	20.92
10	16QAM	50	0	21.03	21.04	20.98
10	64QAM	1	0	21.08	21.15	21.06
10	64QAM	1	25	20.90	20.98	21.01
10	64QAM	1	49	20.97	20.99	21.00
10	64QAM	25	0	20.96	21.01	20.96
10	64QAM	25	12	21.00	20.96	20.92
10	64QAM	25	25	20.87	20.94	20.81
10	64QAM	50	0	20.79	20.97	20.83



LTE Band 38						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				37775	38000	38225
Frequency (MHz)				2572.5	2595	2617.5
5	QPSK	1	0	23.00	23.04	23.02
5	QPSK	1	12	22.87	23.00	22.84
5	QPSK	1	24	22.99	22.96	22.78
5	QPSK	12	0	21.99	22.06	22.01
5	QPSK	12	7	22.02	22.03	21.89
5	QPSK	12	13	21.99	21.92	21.85
5	QPSK	25	0	22.02	22.05	21.92
5	16QAM	1	0	22.12	22.13	22.01
5	16QAM	1	12	22.02	22.05	22.09
5	16QAM	1	24	21.94	21.98	21.95
5	16QAM	12	0	20.99	21.06	20.87
5	16QAM	12	7	21.07	21.02	21.04
5	16QAM	12	13	20.89	20.94	20.87
5	16QAM	25	0	20.98	20.99	20.93
5	64QAM	1	0	21.03	21.10	21.01
5	64QAM	1	12	20.85	20.93	20.96
5	64QAM	1	24	20.92	20.94	20.95
5	64QAM	12	0	20.91	20.96	20.91
5	64QAM	12	7	20.95	20.91	20.87
5	64QAM	12	13	20.82	20.89	20.76
5	64QAM	25	0	20.74	20.92	20.78



LTE Band 41						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39750	40620	41490
Frequency (MHz)				2506	2593	2680
20	QPSK	1	0	23.16	23.22	23.20
20	QPSK	1	49	23.07	22.97	22.95
20	QPSK	1	99	23.16	23.12	22.94
20	QPSK	50	0	22.39	22.40	22.37
20	QPSK	50	24	22.35	22.26	22.08
20	QPSK	50	50	22.37	22.22	21.95
20	QPSK	100	0	22.36	22.27	22.05
20	16QAM	1	0	22.44	22.40	22.35
20	16QAM	1	49	22.37	22.34	22.30
20	16QAM	1	99	22.30	22.39	22.27
20	16QAM	50	0	21.45	21.27	21.12
20	16QAM	50	24	21.39	21.30	21.15
20	16QAM	50	50	21.36	21.15	21.11
20	16QAM	100	0	21.27	21.30	21.25
20	64QAM	1	0	21.35	21.33	21.27
20	64QAM	1	49	21.34	21.24	21.17
20	64QAM	1	99	21.28	21.28	21.22
20	64QAM	50	0	21.40	21.21	20.98
20	64QAM	50	24	21.30	21.24	21.16
20	64QAM	50	50	21.17	21.19	21.10
20	64QAM	100	0	21.36	21.35	21.25



LTE Band 41						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39725	40620	41515
Frequency (MHz)				2503.5	2593	2682.5
15	QPSK	1	0	23.11	23.17	23.00
15	QPSK	1	37	23.02	22.92	22.90
15	QPSK	1	74	23.11	23.07	22.89
15	QPSK	36	0	22.34	22.35	22.32
15	QPSK	36	20	22.30	22.21	22.03
15	QPSK	36	39	22.32	22.17	21.90
15	QPSK	75	0	22.31	22.22	22.00
15	16QAM	1	0	22.39	22.35	22.30
15	16QAM	1	37	22.32	22.29	22.25
15	16QAM	1	74	22.25	22.34	22.22
15	16QAM	36	0	21.40	21.22	21.07
15	16QAM	36	20	21.34	21.25	21.10
15	16QAM	36	39	21.31	21.10	21.06
15	16QAM	75	0	21.22	21.25	21.20
15	64QAM	1	0	21.30	21.28	21.22
15	64QAM	1	37	21.29	21.19	21.12
15	64QAM	1	74	21.23	21.23	21.17
15	64QAM	36	0	21.35	21.16	20.93
15	64QAM	36	20	21.25	21.19	21.11
15	64QAM	36	39	21.12	21.14	21.05
15	64QAM	75	0	21.31	21.30	21.20



LTE Band 41						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39700	40620	41540
Frequency (MHz)				2501	2593	2685
10	QPSK	1	0	23.05	23.11	22.94
10	QPSK	1	25	22.96	22.86	22.84
10	QPSK	1	49	23.05	23.01	22.83
10	QPSK	25	0	22.28	22.29	22.26
10	QPSK	25	12	22.24	22.15	21.97
10	QPSK	25	25	22.26	22.11	21.84
10	QPSK	50	0	22.25	22.16	21.94
10	16QAM	1	0	22.33	22.29	22.24
10	16QAM	1	25	22.26	22.23	22.19
10	16QAM	1	49	22.19	22.28	22.16
10	16QAM	25	0	21.34	21.16	21.01
10	16QAM	25	12	21.28	21.19	21.04
10	16QAM	25	25	21.25	21.04	21.00
10	16QAM	50	0	21.16	21.19	21.14
10	64QAM	1	0	21.24	21.22	21.16
10	64QAM	1	25	21.23	21.13	21.06
10	64QAM	1	49	21.17	21.17	21.11
10	64QAM	25	0	21.29	21.10	20.87
10	64QAM	25	12	21.19	21.13	21.05
10	64QAM	25	25	21.06	21.08	20.99
10	64QAM	50	0	21.25	21.24	21.14



LTE Band 41						
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	22.99	23.05	22.88
5	QPSK	1	12	22.90	22.80	22.78
5	QPSK	1	24	22.99	22.95	22.77
5	QPSK	12	0	22.22	22.23	22.20
5	QPSK	12	7	22.18	22.09	21.91
5	QPSK	12	13	22.20	22.05	21.78
5	QPSK	25	0	22.19	22.10	21.88
5	16QAM	1	0	22.27	22.23	22.18
5	16QAM	1	12	22.20	22.17	22.13
5	16QAM	1	24	22.13	22.22	22.10
5	16QAM	12	0	21.28	21.10	20.95
5	16QAM	12	7	21.22	21.13	20.98
5	16QAM	12	13	21.19	20.98	20.94
5	16QAM	25	0	21.10	21.13	21.08
5	64QAM	1	0	21.18	21.16	21.10
5	64QAM	1	12	21.17	21.07	21.00
5	64QAM	1	24	21.11	21.11	21.05
5	64QAM	12	0	21.23	21.04	20.81
5	64QAM	12	7	21.13	21.07	20.99
5	64QAM	12	13	21.00	21.02	20.93
5	64QAM	25	0	21.19	21.18	21.08

**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	22.35	0.172	22.37	0.173	22.30	0.170
20	QPSK	1	49	22.34	0.171	22.36	0.172	22.29	0.169
20	QPSK	1	99	22.26	0.168	22.33	0.171	22.30	0.170
20	QPSK	50	0	21.40	0.138	21.52	0.142	21.41	0.138
20	QPSK	50	24	21.44	0.139	21.38	0.137	21.36	0.137
20	QPSK	50	50	21.41	0.138	21.44	0.139	21.37	0.137
20	QPSK	100	0	21.44	0.139	21.45	0.140	21.34	0.136
20	16QAM	1	0	21.67	0.147	21.71	0.148	21.61	0.145
20	16QAM	1	49	21.59	0.144	21.60	0.145	21.63	0.146
20	16QAM	1	99	21.69	0.148	21.46	0.140	21.61	0.145
20	16QAM	50	0	20.52	0.113	20.47	0.111	20.51	0.112
20	16QAM	50	24	20.61	0.115	20.46	0.111	20.45	0.111
20	16QAM	50	50	20.48	0.112	20.51	0.112	20.53	0.113
20	16QAM	100	0	20.46	0.111	20.48	0.112	20.44	0.111
20	64QAM	1	0	20.56	0.114	20.70	0.117	20.65	0.116
20	64QAM	1	49	20.59	0.115	20.63	0.116	20.53	0.113
20	64QAM	1	99	20.69	0.117	20.57	0.114	20.39	0.109
20	64QAM	50	0	20.54	0.113	20.43	0.110	20.43	0.110
20	64QAM	50	24	20.37	0.109	20.38	0.109	20.45	0.111
20	64QAM	50	50	20.50	0.112	20.43	0.110	20.48	0.112
20	64QAM	100	0	20.42	0.110	20.45	0.111	20.44	0.111



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	22.30	0.170	22.32	0.171	22.25	0.168
15	QPSK	1	37	22.29	0.169	22.31	0.170	22.24	0.167
15	QPSK	1	74	22.21	0.166	22.28	0.169	22.25	0.168
15	QPSK	36	0	21.35	0.136	21.47	0.140	21.36	0.137
15	QPSK	36	20	21.39	0.138	21.33	0.136	21.31	0.135
15	QPSK	36	39	21.36	0.137	21.39	0.138	21.32	0.136
15	QPSK	75	0	21.39	0.138	21.40	0.138	21.29	0.135
15	16QAM	1	0	21.62	0.145	21.66	0.147	21.56	0.143
15	16QAM	1	37	21.54	0.143	21.60	0.145	21.58	0.144
15	16QAM	1	74	21.64	0.146	21.41	0.138	21.56	0.143
15	16QAM	36	0	20.47	0.111	20.42	0.110	20.46	0.111
15	16QAM	36	20	20.56	0.114	20.41	0.110	20.40	0.110
15	16QAM	36	39	20.43	0.110	20.46	0.111	20.48	0.112
15	16QAM	75	0	20.41	0.110	20.43	0.110	20.39	0.109
15	64QAM	1	0	20.51	0.112	20.65	0.116	20.60	0.115
15	64QAM	1	37	20.54	0.113	20.58	0.114	20.48	0.112
15	64QAM	1	74	20.64	0.116	20.52	0.113	20.34	0.108
15	64QAM	36	0	20.49	0.112	20.38	0.109	20.38	0.109
15	64QAM	36	20	20.32	0.108	20.33	0.108	20.40	0.110
15	64QAM	36	39	20.45	0.111	20.38	0.109	20.43	0.110
15	64QAM	75	0	20.37	0.109	20.40	0.110	20.39	0.109



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	22.24	0.167	22.26	0.168	22.19	0.166
10	QPSK	1	25	22.23	0.167	22.25	0.168	22.18	0.165
10	QPSK	1	49	22.15	0.164	22.22	0.167	22.19	0.166
10	QPSK	25	0	21.29	0.135	21.41	0.138	21.30	0.135
10	QPSK	25	12	21.33	0.136	21.27	0.134	21.25	0.133
10	QPSK	25	25	21.30	0.135	21.33	0.136	21.26	0.134
10	QPSK	50	0	21.33	0.136	21.34	0.136	21.23	0.133
10	16QAM	1	0	21.56	0.143	21.60	0.145	21.50	0.141
10	16QAM	1	25	21.48	0.141	21.60	0.145	21.52	0.142
10	16QAM	1	49	21.58	0.144	21.35	0.136	21.50	0.141
10	16QAM	25	0	20.41	0.110	20.36	0.109	20.40	0.110
10	16QAM	25	12	20.50	0.112	20.35	0.108	20.34	0.108
10	16QAM	25	25	20.37	0.109	20.40	0.110	20.42	0.110
10	16QAM	50	0	20.35	0.108	20.37	0.109	20.33	0.108
10	64QAM	1	0	20.45	0.111	20.59	0.115	20.54	0.113
10	64QAM	1	25	20.48	0.112	20.52	0.113	20.42	0.110
10	64QAM	1	49	20.58	0.114	20.46	0.111	20.28	0.107
10	64QAM	25	0	20.43	0.110	20.32	0.108	20.32	0.108
10	64QAM	25	12	20.26	0.106	20.27	0.106	20.34	0.108
10	64QAM	25	25	20.39	0.109	20.32	0.108	20.37	0.109
10	64QAM	50	0	20.31	0.107	20.34	0.108	20.33	0.108



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	22.19	0.166	22.21	0.166	22.14	0.164
5	QPSK	1	12	22.18	0.165	22.20	0.166	22.13	0.163
5	QPSK	1	24	22.10	0.162	22.17	0.165	22.14	0.164
5	QPSK	12	0	21.24	0.133	21.36	0.137	21.25	0.133
5	QPSK	12	7	21.28	0.134	21.22	0.132	21.20	0.132
5	QPSK	12	13	21.25	0.133	21.28	0.134	21.21	0.132
5	QPSK	25	0	21.28	0.134	21.29	0.135	21.18	0.131
5	16QAM	1	0	21.51	0.142	21.55	0.143	21.45	0.140
5	16QAM	1	12	21.43	0.139	21.60	0.145	21.47	0.140
5	16QAM	1	24	21.53	0.142	21.30	0.135	21.45	0.140
5	16QAM	12	0	20.36	0.109	20.31	0.107	20.35	0.108
5	16QAM	12	7	20.45	0.111	20.30	0.107	20.29	0.107
5	16QAM	12	13	20.32	0.108	20.35	0.108	20.37	0.109
5	16QAM	25	0	20.30	0.107	20.32	0.108	20.28	0.107
5	64QAM	1	0	20.40	0.110	20.54	0.113	20.49	0.112
5	64QAM	1	12	20.43	0.110	20.47	0.111	20.37	0.109
5	64QAM	1	24	20.53	0.113	20.41	0.110	20.23	0.105
5	64QAM	12	0	20.38	0.109	20.27	0.106	20.27	0.106
5	64QAM	12	7	20.21	0.105	20.22	0.105	20.29	0.107
5	64QAM	12	13	20.34	0.108	20.27	0.106	20.32	0.108
5	64QAM	25	0	20.26	0.106	20.29	0.107	20.28	0.107



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	22.16	0.164	22.18	0.165	22.11	0.163
3	QPSK	1	8	22.15	0.164	22.17	0.165	22.10	0.162
3	QPSK	1	14	22.07	0.161	22.14	0.164	22.11	0.163
3	QPSK	8	0	21.21	0.132	21.33	0.136	21.22	0.132
3	QPSK	8	4	21.25	0.133	21.19	0.132	21.17	0.131
3	QPSK	8	7	21.22	0.132	21.25	0.133	21.18	0.131
3	QPSK	15	0	21.25	0.133	21.26	0.134	21.15	0.130
3	16QAM	1	0	21.48	0.141	21.52	0.142	21.42	0.139
3	16QAM	1	8	21.40	0.138	21.60	0.145	21.44	0.139
3	16QAM	1	14	21.50	0.141	21.27	0.134	21.42	0.139
3	16QAM	8	0	20.33	0.108	20.28	0.107	20.32	0.108
3	16QAM	8	4	20.42	0.110	20.27	0.106	20.26	0.106
3	16QAM	8	7	20.29	0.107	20.32	0.108	20.34	0.108
3	16QAM	15	0	20.27	0.106	20.29	0.107	20.25	0.106
3	64QAM	1	0	20.37	0.109	20.51	0.112	20.46	0.111
3	64QAM	1	8	20.40	0.110	20.44	0.111	20.34	0.108
3	64QAM	1	14	20.50	0.112	20.38	0.109	20.20	0.105
3	64QAM	8	0	20.35	0.108	20.24	0.106	20.24	0.106
3	64QAM	8	4	20.18	0.104	20.19	0.104	20.26	0.106
3	64QAM	8	7	20.31	0.107	20.24	0.106	20.29	0.107
3	64QAM	15	0	20.23	0.105	20.26	0.106	20.25	0.106



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	22.13	0.163	22.15	0.164	22.08	0.161
1.4	QPSK	1	3	22.12	0.163	22.14	0.164	22.07	0.161
1.4	QPSK	1	5	22.04	0.160	22.11	0.163	22.08	0.161
1.4	QPSK	3	0	21.18	0.131	21.30	0.135	21.19	0.132
1.4	QPSK	3	1	21.22	0.132	21.16	0.131	21.14	0.130
1.4	QPSK	3	3	21.19	0.132	21.22	0.132	21.15	0.130
1.4	QPSK	6	0	21.22	0.132	21.23	0.133	21.12	0.129
1.4	16QAM	1	0	21.45	0.140	21.49	0.141	21.39	0.138
1.4	16QAM	1	3	21.37	0.137	21.60	0.145	21.41	0.138
1.4	16QAM	1	5	21.47	0.140	21.24	0.133	21.39	0.138
1.4	16QAM	3	0	20.30	0.107	20.25	0.106	20.29	0.107
1.4	16QAM	3	1	20.39	0.109	20.24	0.106	20.23	0.105
1.4	16QAM	3	3	20.26	0.106	20.29	0.107	20.31	0.107
1.4	16QAM	6	0	20.24	0.106	20.26	0.106	20.22	0.105
1.4	64QAM	1	0	20.34	0.108	20.48	0.112	20.43	0.110
1.4	64QAM	1	3	20.37	0.109	20.41	0.110	20.31	0.107
1.4	64QAM	1	5	20.47	0.111	20.35	0.108	20.17	0.104
1.4	64QAM	3	0	20.32	0.108	20.21	0.105	20.21	0.105
1.4	64QAM	3	1	20.15	0.104	20.16	0.104	20.23	0.105
1.4	64QAM	3	3	20.28	0.107	20.21	0.105	20.26	0.106
1.4	64QAM	6	0	20.20	0.105	20.23	0.105	20.22	0.105



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	25.52	0.356	25.54	0.358	25.47	0.352
20	QPSK	1	49	25.51	0.356	25.53	0.357	25.46	0.352
20	QPSK	1	99	25.43	0.349	25.50	0.355	25.47	0.352
20	QPSK	50	0	24.57	0.286	24.69	0.294	24.58	0.287
20	QPSK	50	24	24.61	0.289	24.55	0.285	24.53	0.284
20	QPSK	50	50	24.58	0.287	24.61	0.289	24.54	0.284
20	QPSK	100	0	24.61	0.289	24.62	0.290	24.57	0.286
20	16QAM	1	0	24.88	0.308	24.79	0.301	24.62	0.290
20	16QAM	1	49	24.76	0.299	24.85	0.305	24.80	0.302
20	16QAM	1	99	24.86	0.306	24.63	0.290	24.90	0.309
20	16QAM	50	0	23.57	0.228	23.52	0.225	23.56	0.227
20	16QAM	50	24	23.78	0.239	23.63	0.231	23.62	0.230
20	16QAM	50	50	23.65	0.232	23.68	0.233	23.70	0.234
20	16QAM	100	0	23.63	0.231	23.65	0.232	23.61	0.230
20	64QAM	1	0	23.73	0.236	23.87	0.244	23.82	0.241
20	64QAM	1	49	23.76	0.238	23.80	0.240	23.70	0.234
20	64QAM	1	99	23.86	0.243	23.74	0.237	23.56	0.227
20	64QAM	50	0	23.71	0.235	23.60	0.229	23.60	0.229
20	64QAM	50	24	23.54	0.226	23.55	0.226	23.62	0.230
20	64QAM	50	50	23.67	0.233	23.60	0.229	23.65	0.232
20	64QAM	100	0	23.59	0.229	23.62	0.230	23.61	0.230



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	25.47	0.352	25.49	0.354	25.42	0.348
15	QPSK	1	37	25.46	0.352	25.48	0.353	25.41	0.348
15	QPSK	1	74	25.38	0.345	25.45	0.351	25.42	0.348
15	QPSK	36	0	24.52	0.283	24.64	0.291	24.53	0.284
15	QPSK	36	20	24.56	0.286	24.50	0.282	24.48	0.281
15	QPSK	36	39	24.53	0.284	24.56	0.286	24.49	0.281
15	QPSK	75	0	24.56	0.286	24.57	0.286	24.52	0.283
15	16QAM	1	0	24.83	0.304	24.74	0.298	24.57	0.286
15	16QAM	1	37	24.71	0.296	24.80	0.302	24.75	0.299
15	16QAM	1	74	24.81	0.303	24.58	0.287	24.85	0.305
15	16QAM	36	0	23.52	0.225	23.47	0.222	23.51	0.224
15	16QAM	36	20	23.73	0.236	23.58	0.228	23.57	0.228
15	16QAM	36	39	23.60	0.229	23.63	0.231	23.65	0.232
15	16QAM	75	0	23.58	0.228	23.60	0.229	23.56	0.227
15	64QAM	1	0	23.68	0.233	23.82	0.241	23.77	0.238
15	64QAM	1	37	23.71	0.235	23.75	0.237	23.65	0.232
15	64QAM	1	74	23.81	0.240	23.69	0.234	23.51	0.224
15	64QAM	36	0	23.66	0.232	23.55	0.226	23.55	0.226
15	64QAM	36	20	23.49	0.223	23.50	0.224	23.57	0.228
15	64QAM	36	39	23.62	0.230	23.55	0.226	23.60	0.229
15	64QAM	75	0	23.54	0.226	23.57	0.228	23.56	0.227



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	25.40	0.347	25.42	0.348	25.35	0.343
10	QPSK	1	25	25.39	0.346	25.41	0.348	25.34	0.342
10	QPSK	1	49	25.31	0.340	25.38	0.345	25.35	0.343
10	QPSK	25	0	24.45	0.279	24.57	0.286	24.46	0.279
10	QPSK	25	12	24.49	0.281	24.43	0.277	24.41	0.276
10	QPSK	25	25	24.46	0.279	24.49	0.281	24.42	0.277
10	QPSK	50	0	24.49	0.281	24.50	0.282	24.45	0.279
10	16QAM	1	0	24.76	0.299	24.67	0.293	24.50	0.282
10	16QAM	1	25	24.64	0.291	24.73	0.297	24.68	0.294
10	16QAM	1	49	24.74	0.298	24.51	0.282	24.78	0.301
10	16QAM	25	0	23.45	0.221	23.40	0.219	23.44	0.221
10	16QAM	25	12	23.66	0.232	23.51	0.224	23.50	0.224
10	16QAM	25	25	23.53	0.225	23.56	0.227	23.58	0.228
10	16QAM	50	0	23.51	0.224	23.53	0.225	23.49	0.223
10	64QAM	1	0	23.61	0.230	23.75	0.237	23.70	0.234
10	64QAM	1	25	23.64	0.231	23.68	0.233	23.58	0.228
10	64QAM	1	49	23.74	0.237	23.62	0.230	23.44	0.221
10	64QAM	25	0	23.59	0.229	23.48	0.223	23.48	0.223
10	64QAM	25	12	23.42	0.220	23.43	0.220	23.50	0.224
10	64QAM	25	25	23.55	0.226	23.48	0.223	23.53	0.225
10	64QAM	50	0	23.47	0.222	23.50	0.224	23.49	0.223



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	25.37	0.344	25.39	0.346	25.32	0.340
5	QPSK	1	12	25.36	0.344	25.38	0.345	25.31	0.340
5	QPSK	1	24	25.28	0.337	25.35	0.343	25.32	0.340
5	QPSK	12	0	24.42	0.277	24.54	0.284	24.43	0.277
5	QPSK	12	7	24.46	0.279	24.40	0.275	24.38	0.274
5	QPSK	12	13	24.43	0.277	24.46	0.279	24.39	0.275
5	QPSK	25	0	24.46	0.279	24.47	0.280	24.42	0.277
5	16QAM	1	0	24.73	0.297	24.64	0.291	24.47	0.280
5	16QAM	1	12	24.61	0.289	24.70	0.295	24.65	0.292
5	16QAM	1	24	24.71	0.296	24.48	0.281	24.75	0.299
5	16QAM	12	0	23.42	0.220	23.37	0.217	23.41	0.219
5	16QAM	12	7	23.63	0.231	23.48	0.223	23.47	0.222
5	16QAM	12	13	23.50	0.224	23.53	0.225	23.55	0.226
5	16QAM	25	0	23.48	0.223	23.50	0.224	23.46	0.222
5	64QAM	1	0	23.58	0.228	23.72	0.236	23.67	0.233
5	64QAM	1	12	23.61	0.230	23.65	0.232	23.55	0.226
5	64QAM	1	24	23.71	0.235	23.59	0.229	23.41	0.219
5	64QAM	12	0	23.56	0.227	23.45	0.221	23.45	0.221
5	64QAM	12	7	23.39	0.218	23.40	0.219	23.47	0.222
5	64QAM	12	13	23.52	0.225	23.45	0.221	23.50	0.224
5	64QAM	25	0	23.44	0.221	23.47	0.222	23.46	0.222



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	25.32	0.340	25.34	0.342	25.27	0.337
3	QPSK	1	8	25.31	0.340	25.33	0.341	25.26	0.336
3	QPSK	1	14	25.23	0.333	25.30	0.339	25.27	0.337
3	QPSK	8	0	24.37	0.274	24.49	0.281	24.38	0.274
3	QPSK	8	4	24.41	0.276	24.35	0.272	24.33	0.271
3	QPSK	8	7	24.38	0.274	24.41	0.276	24.34	0.272
3	QPSK	15	0	24.41	0.276	24.42	0.277	24.37	0.274
3	16QAM	1	0	24.68	0.294	24.59	0.288	24.42	0.277
3	16QAM	1	8	24.56	0.286	24.65	0.292	24.60	0.288
3	16QAM	1	14	24.66	0.292	24.43	0.277	24.70	0.295
3	16QAM	8	0	23.37	0.217	23.32	0.215	23.36	0.217
3	16QAM	8	4	23.58	0.228	23.43	0.220	23.42	0.220
3	16QAM	8	7	23.45	0.221	23.48	0.223	23.50	0.224
3	16QAM	15	0	23.43	0.220	23.45	0.221	23.41	0.219
3	64QAM	1	0	23.53	0.225	23.67	0.233	23.62	0.230
3	64QAM	1	8	23.56	0.227	23.60	0.229	23.50	0.224
3	64QAM	1	14	23.66	0.232	23.54	0.226	23.36	0.217
3	64QAM	8	0	23.51	0.224	23.40	0.219	23.40	0.219
3	64QAM	8	4	23.34	0.216	23.35	0.216	23.42	0.220
3	64QAM	8	7	23.47	0.222	23.40	0.219	23.45	0.221
3	64QAM	15	0	23.39	0.218	23.42	0.220	23.41	0.219



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	25.27	0.337	25.29	0.338	25.22	0.333
1.4	QPSK	1	3	25.26	0.336	25.28	0.337	25.21	0.332
1.4	QPSK	1	5	25.18	0.330	25.25	0.335	25.22	0.333
1.4	QPSK	3	0	24.32	0.270	24.44	0.278	24.33	0.271
1.4	QPSK	3	1	24.36	0.273	24.30	0.269	24.28	0.268
1.4	QPSK	3	3	24.33	0.271	24.36	0.273	24.29	0.269
1.4	QPSK	6	0	24.36	0.273	24.37	0.274	24.32	0.270
1.4	16QAM	1	0	24.63	0.290	24.54	0.284	24.37	0.274
1.4	16QAM	1	3	24.51	0.282	24.60	0.288	24.55	0.285
1.4	16QAM	1	5	24.61	0.289	24.38	0.274	24.65	0.292
1.4	16QAM	3	0	23.32	0.215	23.27	0.212	23.31	0.214
1.4	16QAM	3	1	23.53	0.225	23.38	0.218	23.37	0.217
1.4	16QAM	3	3	23.40	0.219	23.43	0.220	23.45	0.221
1.4	16QAM	6	0	23.38	0.218	23.40	0.219	23.36	0.217
1.4	64QAM	1	0	23.48	0.223	23.62	0.230	23.57	0.228
1.4	64QAM	1	3	23.51	0.224	23.55	0.226	23.45	0.221
1.4	64QAM	1	5	23.61	0.230	23.49	0.223	23.31	0.214
1.4	64QAM	3	0	23.46	0.222	23.35	0.216	23.35	0.216
1.4	64QAM	3	1	23.29	0.213	23.30	0.214	23.37	0.217
1.4	64QAM	3	3	23.42	0.220	23.35	0.216	23.40	0.219
1.4	64QAM	6	0	23.34	0.216	23.37	0.217	23.36	0.217



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	19.63	0.092	19.64	0.092	19.56	0.090
10	QPSK	1	25	19.59	0.091	19.62	0.092	19.51	0.089
10	QPSK	1	49	19.51	0.089	19.58	0.091	19.56	0.090
10	QPSK	25	0	18.69	0.074	18.77	0.075	18.63	0.073
10	QPSK	25	12	18.76	0.075	18.73	0.075	18.68	0.074
10	QPSK	25	25	18.68	0.074	18.64	0.073	18.67	0.074
10	QPSK	50	0	18.57	0.072	18.59	0.072	18.56	0.072
10	16QAM	1	0	18.66	0.073	18.56	0.072	18.52	0.071
10	16QAM	1	25	18.65	0.073	18.83	0.076	18.69	0.074
10	16QAM	1	49	18.62	0.073	18.63	0.073	18.55	0.072
10	16QAM	25	0	17.61	0.058	17.52	0.056	17.49	0.056
10	16QAM	25	12	17.53	0.057	17.49	0.056	17.46	0.056
10	16QAM	25	25	17.61	0.058	17.57	0.057	17.52	0.056
10	16QAM	50	0	17.65	0.058	17.51	0.056	17.48	0.056
10	64QAM	1	0	17.67	0.058	17.74	0.059	17.63	0.058
10	64QAM	1	25	17.54	0.057	17.52	0.056	17.58	0.057
10	64QAM	1	49	17.69	0.059	17.49	0.056	17.65	0.058
10	64QAM	25	0	17.64	0.058	17.57	0.057	17.52	0.056
10	64QAM	25	12	17.72	0.059	17.52	0.056	17.57	0.057
10	64QAM	25	25	17.56	0.057	17.57	0.057	17.52	0.056
10	64QAM	50	0	17.57	0.057	17.54	0.057	17.56	0.057



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	19.58	0.091	19.59	0.091	19.51	0.089
5	QPSK	1	12	19.54	0.090	19.57	0.091	19.46	0.088
5	QPSK	1	24	19.46	0.088	19.53	0.090	19.51	0.089
5	QPSK	12	0	18.64	0.073	18.72	0.074	18.58	0.072
5	QPSK	12	7	18.71	0.074	18.68	0.074	18.63	0.073
5	QPSK	12	13	18.63	0.073	18.59	0.072	18.62	0.073
5	QPSK	25	0	18.52	0.071	18.54	0.071	18.51	0.071
5	16QAM	1	0	18.61	0.073	18.51	0.071	18.47	0.070
5	16QAM	1	12	18.60	0.072	18.78	0.076	18.64	0.073
5	16QAM	1	24	18.57	0.072	18.58	0.072	18.50	0.071
5	16QAM	12	0	17.56	0.057	17.47	0.056	17.44	0.055
5	16QAM	12	7	17.48	0.056	17.44	0.055	17.41	0.055
5	16QAM	12	13	17.56	0.057	17.52	0.056	17.47	0.056
5	16QAM	25	0	17.60	0.058	17.46	0.056	17.43	0.055
5	64QAM	1	0	17.62	0.058	17.69	0.059	17.58	0.057
5	64QAM	1	12	17.49	0.056	17.47	0.056	17.53	0.057
5	64QAM	1	24	17.64	0.058	17.44	0.055	17.60	0.058
5	64QAM	12	0	17.59	0.057	17.52	0.056	17.47	0.056
5	64QAM	12	7	17.67	0.058	17.47	0.056	17.52	0.056
5	64QAM	12	13	17.51	0.056	17.52	0.056	17.47	0.056
5	64QAM	25	0	17.52	0.056	17.49	0.056	17.51	0.056



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	19.55	0.090	19.56	0.090	19.48	0.089
3	QPSK	1	8	19.51	0.089	19.54	0.090	19.43	0.088
3	QPSK	1	14	19.43	0.088	19.50	0.089	19.48	0.089
3	QPSK	8	0	18.61	0.073	18.69	0.074	18.55	0.072
3	QPSK	8	4	18.68	0.074	18.65	0.073	18.60	0.072
3	QPSK	8	7	18.60	0.072	18.56	0.072	18.59	0.072
3	QPSK	15	0	18.49	0.071	18.51	0.071	18.48	0.070
3	16QAM	1	0	18.58	0.072	18.48	0.070	18.44	0.070
3	16QAM	1	8	18.57	0.072	18.75	0.075	18.61	0.073
3	16QAM	1	14	18.54	0.071	18.55	0.072	18.47	0.070
3	16QAM	8	0	17.53	0.057	17.44	0.055	17.41	0.055
3	16QAM	8	4	17.45	0.056	17.41	0.055	17.38	0.055
3	16QAM	8	7	17.53	0.057	17.49	0.056	17.44	0.055
3	16QAM	15	0	17.57	0.057	17.43	0.055	17.40	0.055
3	64QAM	1	0	17.59	0.057	17.66	0.058	17.55	0.057
3	64QAM	1	8	17.46	0.056	17.44	0.055	17.50	0.056
3	64QAM	1	14	17.61	0.058	17.41	0.055	17.57	0.057
3	64QAM	8	0	17.56	0.057	17.49	0.056	17.44	0.055
3	64QAM	8	4	17.64	0.058	17.44	0.055	17.49	0.056
3	64QAM	8	7	17.48	0.056	17.49	0.056	17.44	0.055
3	64QAM	15	0	17.49	0.056	17.46	0.056	17.48	0.056



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	19.52	0.090	19.53	0.090	19.45	0.088
1.4	QPSK	1	3	19.48	0.089	19.51	0.089	19.40	0.087
1.4	QPSK	1	5	19.40	0.087	19.47	0.089	19.45	0.088
1.4	QPSK	3	0	18.58	0.072	18.66	0.073	18.52	0.071
1.4	QPSK	3	1	18.65	0.073	18.62	0.073	18.57	0.072
1.4	QPSK	3	3	18.57	0.072	18.53	0.071	18.56	0.072
1.4	QPSK	6	0	18.46	0.070	18.48	0.070	18.45	0.070
1.4	16QAM	1	0	18.55	0.072	18.45	0.070	18.41	0.069
1.4	16QAM	1	3	18.54	0.071	18.72	0.074	18.58	0.072
1.4	16QAM	1	5	18.51	0.071	18.52	0.071	18.44	0.070
1.4	16QAM	3	0	17.50	0.056	17.41	0.055	17.38	0.055
1.4	16QAM	3	1	17.42	0.055	17.38	0.055	17.35	0.054
1.4	16QAM	3	3	17.50	0.056	17.46	0.056	17.41	0.055
1.4	16QAM	6	0	17.54	0.057	17.40	0.055	17.37	0.055
1.4	64QAM	1	0	17.56	0.057	17.63	0.058	17.52	0.056
1.4	64QAM	1	3	17.43	0.055	17.41	0.055	17.47	0.056
1.4	64QAM	1	5	17.58	0.057	17.38	0.055	17.54	0.057
1.4	64QAM	3	0	17.53	0.057	17.46	0.056	17.41	0.055
1.4	64QAM	3	1	17.61	0.058	17.41	0.055	17.46	0.056
1.4	64QAM	3	3	17.45	0.056	17.46	0.056	17.41	0.055
1.4	64QAM	6	0	17.46	0.056	17.43	0.055	17.45	0.056



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	21.07	0.128	21.13	0.130	21.09	0.129
20	QPSK	1	49	20.99	0.126	21.06	0.128	21.11	0.129
20	QPSK	1	99	21.10	0.129	21.11	0.129	21.12	0.129
20	QPSK	50	0	20.20	0.105	20.33	0.108	20.32	0.108
20	QPSK	50	24	20.27	0.106	20.32	0.108	20.31	0.107
20	QPSK	50	50	20.30	0.107	20.29	0.107	20.31	0.107
20	QPSK	100	0	20.25	0.106	20.26	0.106	20.21	0.105
20	16QAM	1	0	20.21	0.105	20.15	0.104	20.20	0.105
20	16QAM	1	49	20.28	0.107	20.27	0.106	20.19	0.104
20	16QAM	1	99	20.29	0.107	20.34	0.108	20.30	0.107
20	16QAM	50	0	19.19	0.083	19.34	0.086	19.40	0.087
20	16QAM	50	24	19.23	0.084	19.28	0.085	19.20	0.083
20	16QAM	50	50	19.22	0.084	19.33	0.086	19.18	0.083
20	16QAM	100	0	19.21	0.083	19.26	0.084	19.31	0.085
20	64QAM	1	0	19.24	0.084	19.28	0.085	19.32	0.086
20	64QAM	1	49	19.28	0.085	19.34	0.086	19.09	0.081
20	64QAM	1	99	19.23	0.084	19.10	0.081	19.00	0.079
20	64QAM	50	0	19.20	0.083	19.24	0.084	19.28	0.085
20	64QAM	50	24	19.20	0.083	19.33	0.086	19.12	0.082
20	64QAM	50	50	19.17	0.083	19.32	0.086	19.26	0.084
20	64QAM	100	0	19.25	0.084	19.24	0.084	19.14	0.082



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	21.02	0.126	21.08	0.128	21.04	0.127
15	QPSK	1	37	20.94	0.124	21.01	0.126	21.06	0.128
15	QPSK	1	74	21.05	0.127	21.06	0.128	21.07	0.128
15	QPSK	36	0	20.15	0.104	20.28	0.107	20.27	0.106
15	QPSK	36	20	20.22	0.105	20.27	0.106	20.26	0.106
15	QPSK	36	39	20.25	0.106	20.24	0.106	20.26	0.106
15	QPSK	75	0	20.20	0.105	20.21	0.105	20.16	0.104
15	16QAM	1	0	20.16	0.104	20.10	0.102	20.15	0.104
15	16QAM	1	37	20.23	0.105	20.22	0.105	20.14	0.103
15	16QAM	1	74	20.24	0.106	20.29	0.107	20.25	0.106
15	16QAM	36	0	19.14	0.082	19.29	0.085	19.35	0.086
15	16QAM	36	20	19.18	0.083	19.23	0.084	19.15	0.082
15	16QAM	36	39	19.17	0.083	19.28	0.085	19.13	0.082
15	16QAM	75	0	19.16	0.082	19.21	0.083	19.26	0.084
15	64QAM	1	0	19.19	0.083	19.23	0.084	19.27	0.085
15	64QAM	1	37	19.23	0.084	19.29	0.085	19.04	0.080
15	64QAM	1	74	19.18	0.083	19.05	0.080	18.95	0.079
15	64QAM	36	0	19.15	0.082	19.19	0.083	19.23	0.084
15	64QAM	36	20	19.15	0.082	19.28	0.085	19.07	0.081
15	64QAM	36	39	19.12	0.082	19.27	0.085	19.21	0.083
15	64QAM	75	0	19.20	0.083	19.19	0.083	19.09	0.081



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	20.98	0.125	21.04	0.127	21.00	0.126
10	QPSK	1	25	20.90	0.123	20.97	0.125	21.02	0.126
10	QPSK	1	49	21.01	0.126	21.02	0.126	21.03	0.127
10	QPSK	25	0	20.11	0.103	20.24	0.106	20.23	0.105
10	QPSK	25	12	20.18	0.104	20.23	0.105	20.22	0.105
10	QPSK	25	25	20.21	0.105	20.20	0.105	20.22	0.105
10	QPSK	50	0	20.16	0.104	20.17	0.104	20.12	0.103
10	16QAM	1	0	20.12	0.103	20.06	0.101	20.11	0.103
10	16QAM	1	25	20.19	0.104	20.18	0.104	20.10	0.102
10	16QAM	1	49	20.20	0.105	20.25	0.106	20.21	0.105
10	16QAM	25	0	19.10	0.081	19.25	0.084	19.31	0.085
10	16QAM	25	12	19.14	0.082	19.19	0.083	19.11	0.081
10	16QAM	25	25	19.13	0.082	19.24	0.084	19.09	0.081
10	16QAM	50	0	19.12	0.082	19.17	0.083	19.22	0.084
10	64QAM	1	0	19.15	0.082	19.19	0.083	19.23	0.084
10	64QAM	1	25	19.19	0.083	19.25	0.084	19.00	0.079
10	64QAM	1	49	19.14	0.082	19.01	0.080	18.91	0.078
10	64QAM	25	0	19.11	0.081	19.15	0.082	19.19	0.083
10	64QAM	25	12	19.11	0.081	19.24	0.084	19.03	0.080
10	64QAM	25	25	19.08	0.081	19.23	0.084	19.17	0.083
10	64QAM	50	0	19.16	0.082	19.15	0.082	19.05	0.080



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	20.95	0.124	21.01	0.126	20.97	0.125
5	QPSK	1	12	20.87	0.122	20.94	0.124	20.99	0.126
5	QPSK	1	24	20.98	0.125	20.99	0.126	21.00	0.126
5	QPSK	12	0	20.08	0.102	20.21	0.105	20.20	0.105
5	QPSK	12	7	20.15	0.104	20.20	0.105	20.19	0.104
5	QPSK	12	13	20.18	0.104	20.17	0.104	20.19	0.104
5	QPSK	25	0	20.13	0.103	20.14	0.103	20.09	0.102
5	16QAM	1	0	20.09	0.102	20.03	0.101	20.08	0.102
5	16QAM	1	12	20.16	0.104	20.15	0.104	20.07	0.102
5	16QAM	1	24	20.17	0.104	20.22	0.105	20.18	0.104
5	16QAM	12	0	19.07	0.081	19.22	0.084	19.28	0.085
5	16QAM	12	7	19.11	0.081	19.16	0.082	19.08	0.081
5	16QAM	12	13	19.10	0.081	19.21	0.083	19.06	0.081
5	16QAM	25	0	19.09	0.081	19.14	0.082	19.19	0.083
5	64QAM	1	0	19.12	0.082	19.16	0.082	19.20	0.083
5	64QAM	1	12	19.16	0.082	19.22	0.084	18.97	0.079
5	64QAM	1	24	19.11	0.081	18.98	0.079	18.88	0.077
5	64QAM	12	0	19.08	0.081	19.12	0.082	19.16	0.082
5	64QAM	12	7	19.08	0.081	19.21	0.083	19.00	0.079
5	64QAM	12	13	19.05	0.080	19.20	0.083	19.14	0.082
5	64QAM	25	0	19.13	0.082	19.12	0.082	19.02	0.080



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	17.63	0.058	17.68	0.059	17.56	0.057
10	QPSK	1	25	17.56	0.057	17.59	0.057	17.60	0.058
10	QPSK	1	49	17.46	0.056	17.61	0.058	17.63	0.058
10	QPSK	25	0	16.62	0.046	16.67	0.046	16.66	0.046
10	QPSK	25	12	16.64	0.046	16.55	0.045	16.62	0.046
10	QPSK	25	25	16.64	0.046	16.59	0.046	16.56	0.045
10	QPSK	50	0	16.58	0.045	16.57	0.045	16.63	0.046
10	16QAM	1	0	16.82	0.048	16.79	0.048	16.66	0.046
10	16QAM	1	25	16.57	0.045	16.64	0.046	16.64	0.046
10	16QAM	1	49	16.62	0.046	16.57	0.045	16.68	0.047
10	16QAM	25	0	15.60	0.036	15.62	0.036	15.73	0.037
10	16QAM	25	12	15.58	0.036	15.63	0.037	15.60	0.036
10	16QAM	25	25	15.70	0.037	15.67	0.037	15.69	0.037
10	16QAM	50	0	15.74	0.037	15.68	0.037	15.65	0.037
10	64QAM	1	0	15.74	0.037	15.69	0.037	15.59	0.036
10	64QAM	1	25	15.80	0.038	15.75	0.038	15.73	0.037
10	64QAM	1	49	15.86	0.039	15.88	0.039	15.82	0.038
10	64QAM	25	0	15.58	0.036	15.78	0.038	15.62	0.036
10	64QAM	25	12	15.65	0.037	15.71	0.037	15.73	0.037
10	64QAM	25	25	15.60	0.036	15.67	0.037	15.61	0.036
10	64QAM	50	0	15.64	0.037	15.62	0.036	15.65	0.037



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	17.57	0.057	17.62	0.058	17.50	0.056
5	QPSK	1	12	17.50	0.056	17.53	0.057	17.54	0.057
5	QPSK	1	24	17.40	0.055	17.55	0.057	17.57	0.057
5	QPSK	12	0	16.56	0.045	16.61	0.046	16.60	0.046
5	QPSK	12	7	16.58	0.045	16.49	0.045	16.56	0.045
5	QPSK	12	13	16.58	0.045	16.53	0.045	16.50	0.045
5	QPSK	25	0	16.52	0.045	16.51	0.045	16.57	0.045
5	16QAM	1	0	16.76	0.047	16.73	0.047	16.60	0.046
5	16QAM	1	12	16.51	0.045	16.58	0.045	16.58	0.045
5	16QAM	1	24	16.56	0.045	16.51	0.045	16.62	0.046
5	16QAM	12	0	15.54	0.036	15.56	0.036	15.67	0.037
5	16QAM	12	7	15.52	0.036	15.57	0.036	15.54	0.036
5	16QAM	12	13	15.64	0.037	15.61	0.036	15.63	0.037
5	16QAM	25	0	15.68	0.037	15.62	0.036	15.59	0.036
5	64QAM	1	0	15.68	0.037	15.63	0.037	15.53	0.036
5	64QAM	1	12	15.74	0.037	15.69	0.037	15.67	0.037
5	64QAM	1	24	15.80	0.038	15.82	0.038	15.76	0.038
5	64QAM	12	0	15.52	0.036	15.72	0.037	15.56	0.036
5	64QAM	12	7	15.59	0.036	15.65	0.037	15.67	0.037
5	64QAM	12	13	15.54	0.036	15.61	0.036	15.55	0.036
5	64QAM	25	0	15.58	0.036	15.56	0.036	15.59	0.036



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	17.52	0.056	17.57	0.057	17.45	0.056
3	QPSK	1	8	17.45	0.056	17.48	0.056	17.49	0.056
3	QPSK	1	14	17.35	0.054	17.50	0.056	17.52	0.056
3	QPSK	8	0	16.51	0.045	16.56	0.045	16.55	0.045
3	QPSK	8	4	16.53	0.045	16.44	0.044	16.51	0.045
3	QPSK	8	7	16.53	0.045	16.48	0.044	16.45	0.044
3	QPSK	15	0	16.47	0.044	16.46	0.044	16.52	0.045
3	16QAM	1	0	16.71	0.047	16.68	0.047	16.55	0.045
3	16QAM	1	8	16.46	0.044	16.53	0.045	16.53	0.045
3	16QAM	1	14	16.51	0.045	16.46	0.044	16.57	0.045
3	16QAM	8	0	15.49	0.035	15.51	0.036	15.62	0.036
3	16QAM	8	4	15.47	0.035	15.52	0.036	15.49	0.035
3	16QAM	8	7	15.59	0.036	15.56	0.036	15.58	0.036
3	16QAM	15	0	15.63	0.037	15.57	0.036	15.54	0.036
3	64QAM	1	0	15.63	0.037	15.58	0.036	15.48	0.035
3	64QAM	1	8	15.69	0.037	15.64	0.037	15.62	0.036
3	64QAM	1	14	15.75	0.038	15.77	0.038	15.71	0.037
3	64QAM	8	0	15.47	0.035	15.67	0.037	15.51	0.036
3	64QAM	8	4	15.54	0.036	15.60	0.036	15.62	0.036
3	64QAM	8	7	15.49	0.035	15.56	0.036	15.50	0.035
3	64QAM	15	0	15.53	0.036	15.51	0.036	15.54	0.036



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	17.47	0.056	17.52	0.056	17.40	0.055
1.4	QPSK	1	3	17.40	0.055	17.43	0.055	17.44	0.055
1.4	QPSK	1	5	17.30	0.054	17.45	0.056	17.47	0.056
1.4	QPSK	3	0	16.46	0.044	16.51	0.045	16.50	0.045
1.4	QPSK	3	1	16.48	0.044	16.39	0.044	16.46	0.044
1.4	QPSK	3	3	16.48	0.044	16.43	0.044	16.40	0.044
1.4	QPSK	6	0	16.42	0.044	16.41	0.044	16.47	0.044
1.4	16QAM	1	0	16.66	0.046	16.63	0.046	16.50	0.045
1.4	16QAM	1	3	16.41	0.044	16.48	0.044	16.48	0.044
1.4	16QAM	1	5	16.46	0.044	16.41	0.044	16.52	0.045
1.4	16QAM	3	0	15.44	0.035	15.46	0.035	15.57	0.036
1.4	16QAM	3	1	15.42	0.035	15.47	0.035	15.44	0.035
1.4	16QAM	3	3	15.54	0.036	15.51	0.036	15.53	0.036
1.4	16QAM	6	0	15.58	0.036	15.52	0.036	15.49	0.035
1.4	64QAM	1	0	15.58	0.036	15.53	0.036	15.43	0.035
1.4	64QAM	1	3	15.64	0.037	15.59	0.036	15.57	0.036
1.4	64QAM	1	5	15.70	0.037	15.72	0.037	15.66	0.037
1.4	64QAM	3	0	15.42	0.035	15.62	0.036	15.46	0.035
1.4	64QAM	3	1	15.49	0.035	15.55	0.036	15.57	0.036
1.4	64QAM	3	3	15.44	0.035	15.51	0.036	15.45	0.035
1.4	64QAM	6	0	15.48	0.035	15.46	0.035	15.49	0.035



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	/	/	17.22	0.053	/	/
10	QPSK	1	25	/	/	17.19	0.052	/	/
10	QPSK	1	49	/	/	17.09	0.051	/	/
10	QPSK	25	0	/	/	16.27	0.042	/	/
10	QPSK	25	12	/	/	16.19	0.042	/	/
10	QPSK	25	25	/	/	16.20	0.042	/	/
10	QPSK	50	0	/	/	16.21	0.042	/	/
10	16QAM	1	0	/	/	16.36	0.043	/	/
10	16QAM	1	25	/	/	16.33	0.043	/	/
10	16QAM	1	49	/	/	16.44	0.044	/	/
10	16QAM	25	0	/	/	15.30	0.034	/	/
10	16QAM	25	12	/	/	15.30	0.034	/	/
10	16QAM	25	25	/	/	15.22	0.033	/	/
10	16QAM	50	0	/	/	15.26	0.034	/	/
10	64QAM	1	0	/	/	15.38	0.035	/	/
10	64QAM	1	25	/	/	15.47	0.035	/	/
10	64QAM	1	49	/	/	15.41	0.035	/	/
10	64QAM	25	0	/	/	15.28	0.034	/	/
10	64QAM	25	12	/	/	15.25	0.033	/	/
10	64QAM	25	25	/	/	15.29	0.034	/	/
10	64QAM	50	0	/	/	15.20	0.033	/	/



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	17.20	0.052	17.21	0.053	17.18	0.052
5	QPSK	1	12	17.15	0.052	17.11	0.051	17.17	0.052
5	QPSK	1	24	17.02	0.050	16.99	0.050	17.08	0.051
5	QPSK	12	0	16.25	0.042	16.21	0.042	16.22	0.042
5	QPSK	12	7	16.20	0.042	16.17	0.041	16.20	0.042
5	QPSK	12	13	16.19	0.042	16.17	0.041	16.11	0.041
5	QPSK	25	0	16.11	0.041	16.17	0.041	16.11	0.041
5	16QAM	1	0	16.34	0.043	16.35	0.043	16.34	0.043
5	16QAM	1	12	16.25	0.042	16.31	0.043	16.25	0.042
5	16QAM	1	24	16.38	0.043	16.35	0.043	16.36	0.043
5	16QAM	12	0	15.25	0.033	15.26	0.034	15.28	0.034
5	16QAM	12	7	15.21	0.033	15.22	0.033	15.24	0.033
5	16QAM	12	13	15.14	0.033	15.17	0.033	15.20	0.033
5	16QAM	25	0	15.23	0.033	15.16	0.033	15.23	0.033
5	64QAM	1	0	15.36	0.034	15.30	0.034	15.36	0.034
5	64QAM	1	12	15.38	0.035	15.43	0.035	15.45	0.035
5	64QAM	1	24	15.31	0.034	15.34	0.034	15.31	0.034
5	64QAM	12	0	15.27	0.034	15.27	0.034	15.18	0.033
5	64QAM	12	7	15.20	0.033	15.15	0.033	15.22	0.033
5	64QAM	12	13	15.27	0.034	15.25	0.033	15.22	0.033
5	64QAM	25	0	15.14	0.033	15.17	0.033	15.16	0.033



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	25.48	0.353	25.54	0.358	25.46	0.352
20	QPSK	1	49	25.35	0.343	25.32	0.340	25.29	0.338
20	QPSK	1	99	25.33	0.341	25.24	0.334	25.22	0.333
20	QPSK	50	0	24.50	0.282	24.51	0.282	24.48	0.281
20	QPSK	50	24	24.47	0.280	24.43	0.277	24.45	0.279
20	QPSK	50	50	24.46	0.279	24.37	0.274	24.39	0.275
20	QPSK	100	0	24.45	0.279	24.46	0.279	24.45	0.279
20	16QAM	1	0	24.38	0.274	24.38	0.274	24.40	0.275
20	16QAM	1	49	24.47	0.280	24.44	0.278	24.43	0.277
20	16QAM	1	99	24.29	0.269	24.41	0.276	24.42	0.277
20	16QAM	50	0	23.50	0.224	23.35	0.216	23.36	0.217
20	16QAM	50	24	23.40	0.219	23.39	0.218	23.29	0.213
20	16QAM	50	50	23.35	0.216	23.33	0.215	23.34	0.216
20	16QAM	100	0	23.34	0.216	23.43	0.220	23.33	0.215
20	64QAM	1	0	23.41	0.219	23.42	0.220	23.35	0.216
20	64QAM	1	49	23.36	0.217	23.38	0.218	23.45	0.221
20	64QAM	1	99	23.43	0.220	23.40	0.219	23.38	0.218
20	64QAM	50	0	23.39	0.218	23.34	0.216	23.37	0.217
20	64QAM	50	24	23.39	0.218	23.45	0.221	23.36	0.217
20	64QAM	50	50	23.30	0.214	23.36	0.217	23.30	0.214
20	64QAM	100	0	23.45	0.221	23.44	0.221	23.24	0.211



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	25.43	0.349	25.49	0.354	25.41	0.348
15	QPSK	1	37	25.30	0.339	25.27	0.337	25.24	0.334
15	QPSK	1	74	25.28	0.337	25.19	0.330	25.17	0.329
15	QPSK	36	0	24.45	0.279	24.46	0.279	24.43	0.277
15	QPSK	36	20	24.42	0.277	24.38	0.274	24.40	0.275
15	QPSK	36	39	24.41	0.276	24.32	0.270	24.34	0.272
15	QPSK	75	0	24.40	0.275	24.41	0.276	24.40	0.275
15	16QAM	1	0	24.33	0.271	24.33	0.271	24.35	0.272
15	16QAM	1	37	24.42	0.277	24.39	0.275	24.38	0.274
15	16QAM	1	74	24.24	0.265	24.36	0.273	24.37	0.274
15	16QAM	36	0	23.45	0.221	23.30	0.214	23.31	0.214
15	16QAM	36	20	23.35	0.216	23.34	0.216	23.24	0.211
15	16QAM	36	39	23.30	0.214	23.28	0.213	23.29	0.213
15	16QAM	75	0	23.29	0.213	23.38	0.218	23.28	0.213
15	64QAM	1	0	23.36	0.217	23.37	0.217	23.30	0.214
15	64QAM	1	37	23.31	0.214	23.33	0.215	23.40	0.219
15	64QAM	1	74	23.38	0.218	23.35	0.216	23.33	0.215
15	64QAM	36	0	23.34	0.216	23.29	0.213	23.32	0.215
15	64QAM	36	20	23.34	0.216	23.40	0.219	23.31	0.214
15	64QAM	36	39	23.25	0.211	23.31	0.214	23.25	0.211
15	64QAM	75	0	23.40	0.219	23.39	0.218	23.19	0.208



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	25.38	0.345	25.44	0.350	25.36	0.344
10	QPSK	1	25	25.25	0.335	25.22	0.333	25.19	0.330
10	QPSK	1	49	25.23	0.333	25.14	0.327	25.12	0.325
10	QPSK	25	0	24.40	0.275	24.41	0.276	24.38	0.274
10	QPSK	25	12	24.37	0.274	24.33	0.271	24.35	0.272
10	QPSK	25	25	24.36	0.273	24.27	0.267	24.29	0.269
10	QPSK	50	0	24.35	0.272	24.36	0.273	24.35	0.272
10	16QAM	1	0	24.28	0.268	24.28	0.268	24.30	0.269
10	16QAM	1	25	24.37	0.274	24.34	0.272	24.33	0.271
10	16QAM	1	49	24.19	0.262	24.31	0.270	24.32	0.270
10	16QAM	25	0	23.40	0.219	23.25	0.211	23.26	0.212
10	16QAM	25	12	23.30	0.214	23.29	0.213	23.19	0.208
10	16QAM	25	25	23.25	0.211	23.23	0.210	23.24	0.211
10	16QAM	50	0	23.24	0.211	23.33	0.215	23.23	0.210
10	64QAM	1	0	23.31	0.214	23.32	0.215	23.25	0.211
10	64QAM	1	25	23.26	0.212	23.28	0.213	23.35	0.216
10	64QAM	1	49	23.33	0.215	23.30	0.214	23.28	0.213
10	64QAM	25	0	23.29	0.213	23.24	0.211	23.27	0.212
10	64QAM	25	12	23.29	0.213	23.35	0.216	23.26	0.212
10	64QAM	25	25	23.20	0.209	23.26	0.212	23.20	0.209
10	64QAM	50	0	23.35	0.216	23.34	0.216	23.14	0.206



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	25.35	0.343	25.41	0.348	25.33	0.341
5	QPSK	1	12	25.22	0.333	25.19	0.330	25.16	0.328
5	QPSK	1	24	25.20	0.331	25.11	0.324	25.09	0.323
5	QPSK	12	0	24.37	0.274	24.38	0.274	24.35	0.272
5	QPSK	12	7	24.34	0.272	24.30	0.269	24.32	0.270
5	QPSK	12	13	24.33	0.271	24.24	0.265	24.26	0.267
5	QPSK	25	0	24.32	0.270	24.33	0.271	24.32	0.270
5	16QAM	1	0	24.25	0.266	24.25	0.266	24.27	0.267
5	16QAM	1	12	24.34	0.272	24.31	0.270	24.30	0.269
5	16QAM	1	24	24.16	0.261	24.28	0.268	24.29	0.269
5	16QAM	12	0	23.37	0.217	23.22	0.210	23.23	0.210
5	16QAM	12	7	23.27	0.212	23.26	0.212	23.16	0.207
5	16QAM	12	13	23.22	0.210	23.20	0.209	23.21	0.209
5	16QAM	25	0	23.21	0.209	23.30	0.214	23.20	0.209
5	64QAM	1	0	23.28	0.213	23.29	0.213	23.22	0.210
5	64QAM	1	12	23.23	0.210	23.25	0.211	23.32	0.215
5	64QAM	1	24	23.30	0.214	23.27	0.212	23.25	0.211
5	64QAM	12	0	23.26	0.212	23.21	0.209	23.24	0.211
5	64QAM	12	7	23.26	0.212	23.32	0.215	23.23	0.210
5	64QAM	12	13	23.17	0.207	23.23	0.210	23.17	0.207
5	64QAM	25	0	23.32	0.215	23.31	0.214	23.11	0.205



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	25.31	0.340	25.37	0.344	25.29	0.338
3	QPSK	1	8	25.18	0.330	25.15	0.327	25.12	0.325
3	QPSK	1	14	25.16	0.328	25.07	0.321	25.05	0.320
3	QPSK	8	0	24.33	0.271	24.34	0.272	24.31	0.270
3	QPSK	8	4	24.30	0.269	24.26	0.267	24.28	0.268
3	QPSK	8	7	24.29	0.269	24.20	0.263	24.22	0.264
3	QPSK	15	0	24.28	0.268	24.29	0.269	24.28	0.268
3	16QAM	1	0	24.21	0.264	24.21	0.264	24.23	0.265
3	16QAM	1	8	24.30	0.269	24.27	0.267	24.26	0.267
3	16QAM	1	14	24.12	0.258	24.24	0.265	24.25	0.266
3	16QAM	8	0	23.33	0.215	23.18	0.208	23.19	0.208
3	16QAM	8	4	23.23	0.210	23.22	0.210	23.12	0.205
3	16QAM	8	7	23.18	0.208	23.16	0.207	23.17	0.207
3	16QAM	15	0	23.17	0.207	23.26	0.212	23.16	0.207
3	64QAM	1	0	23.24	0.211	23.25	0.211	23.18	0.208
3	64QAM	1	8	23.19	0.208	23.21	0.209	23.28	0.213
3	64QAM	1	14	23.26	0.212	23.23	0.210	23.21	0.209
3	64QAM	8	0	23.22	0.210	23.17	0.207	23.20	0.209
3	64QAM	8	4	23.22	0.210	23.28	0.213	23.19	0.208
3	64QAM	8	7	23.13	0.206	23.19	0.208	23.13	0.206
3	64QAM	15	0	23.28	0.213	23.27	0.212	23.07	0.203



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	25.28	0.337	25.34	0.342	25.26	0.336
1.4	QPSK	1	3	25.15	0.327	25.12	0.325	25.09	0.323
1.4	QPSK	1	5	25.13	0.326	25.04	0.319	25.02	0.318
1.4	QPSK	3	0	24.30	0.269	24.31	0.270	24.28	0.268
1.4	QPSK	3	1	24.27	0.267	24.23	0.265	24.25	0.266
1.4	QPSK	3	3	24.26	0.267	24.17	0.261	24.19	0.262
1.4	QPSK	6	0	24.25	0.266	24.26	0.267	24.25	0.266
1.4	16QAM	1	0	24.18	0.262	24.18	0.262	24.20	0.263
1.4	16QAM	1	3	24.27	0.267	24.24	0.265	24.23	0.265
1.4	16QAM	1	5	24.09	0.256	24.21	0.264	24.22	0.264
1.4	16QAM	3	0	23.30	0.214	23.15	0.207	23.16	0.207
1.4	16QAM	3	1	23.20	0.209	23.19	0.208	23.09	0.204
1.4	16QAM	3	3	23.15	0.207	23.13	0.206	23.14	0.206
1.4	16QAM	6	0	23.14	0.206	23.23	0.210	23.13	0.206
1.4	64QAM	1	0	23.21	0.209	23.22	0.210	23.15	0.207
1.4	64QAM	1	3	23.16	0.207	23.18	0.208	23.25	0.211
1.4	64QAM	1	5	23.23	0.210	23.20	0.209	23.18	0.208
1.4	64QAM	3	0	23.19	0.208	23.14	0.206	23.17	0.207
1.4	64QAM	3	1	23.19	0.208	23.25	0.211	23.16	0.207
1.4	64QAM	3	3	23.10	0.204	23.16	0.207	23.10	0.204
1.4	64QAM	6	0	23.25	0.211	23.24	0.211	23.04	0.201



LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26865		26915		26965	
Frequency (MHz)				831.5		836.5		841.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	19.00	0.079	18.92	0.078	19.07	0.081
15	QPSK	1	37	18.80	0.076	18.92	0.078	18.99	0.079
15	QPSK	1	74	18.71	0.074	18.89	0.077	18.90	0.078
15	QPSK	36	0	18.01	0.063	18.05	0.064	18.04	0.064
15	QPSK	36	20	18.17	0.066	18.07	0.064	18.09	0.064
15	QPSK	36	39	18.16	0.065	18.15	0.065	18.16	0.065
15	QPSK	75	0	18.15	0.065	18.07	0.064	18.00	0.063
15	16QAM	1	0	18.08	0.064	18.02	0.063	18.12	0.065
15	16QAM	1	37	17.97	0.063	18.18	0.066	18.31	0.068
15	16QAM	1	74	17.83	0.061	17.99	0.063	17.79	0.060
15	16QAM	36	0	17.00	0.050	16.85	0.048	17.15	0.052
15	16QAM	36	20	17.18	0.052	17.07	0.051	17.15	0.052
15	16QAM	36	39	16.88	0.049	17.15	0.052	17.12	0.052
15	16QAM	75	0	17.10	0.051	17.05	0.051	17.14	0.052
15	64QAM	1	0	17.12	0.052	17.30	0.054	17.22	0.053
15	64QAM	1	37	17.06	0.051	17.00	0.050	17.22	0.053
15	64QAM	1	74	16.69	0.047	17.00	0.050	17.06	0.051
15	64QAM	36	0	16.01	0.040	16.01	0.040	16.09	0.041
15	64QAM	36	20	16.15	0.041	16.04	0.040	16.08	0.041
15	64QAM	36	39	16.14	0.041	16.29	0.043	16.02	0.040
15	64QAM	75	0	16.16	0.041	15.87	0.039	16.00	0.040



LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26840		26915		26990	
Frequency (MHz)				829.0		836.5		844.0	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	18.79	0.076	18.64	0.073	18.63	0.073
10	QPSK	1	25	18.67	0.074	18.93	0.078	18.92	0.078
10	QPSK	1	49	18.91	0.078	18.62	0.073	18.51	0.071
10	QPSK	25	0	18.15	0.065	18.25	0.067	18.22	0.066
10	QPSK	25	12	18.26	0.067	18.24	0.067	18.20	0.066
10	QPSK	25	25	18.35	0.068	18.36	0.069	18.28	0.067
10	QPSK	50	0	18.37	0.069	18.25	0.067	18.22	0.066
10	16QAM	1	0	18.30	0.068	18.29	0.067	18.12	0.065
10	16QAM	1	25	18.11	0.065	18.35	0.068	18.27	0.067
10	16QAM	1	49	18.17	0.066	18.01	0.063	18.11	0.065
10	16QAM	25	0	17.21	0.053	17.21	0.053	17.23	0.053
10	16QAM	25	12	17.31	0.054	17.20	0.052	17.15	0.052
10	16QAM	25	25	17.27	0.053	17.32	0.054	17.28	0.053
10	16QAM	50	0	16.97	0.050	17.19	0.052	17.24	0.053
10	64QAM	1	0	17.27	0.053	17.24	0.053	17.32	0.054
10	64QAM	1	25	17.28	0.053	17.37	0.055	17.26	0.053
10	64QAM	1	49	17.09	0.051	17.03	0.050	17.15	0.052
10	64QAM	25	0	16.07	0.040	16.22	0.042	16.31	0.043
10	64QAM	25	12	16.32	0.043	16.22	0.042	16.17	0.041
10	64QAM	25	25	16.34	0.043	16.28	0.042	16.27	0.042
10	64QAM	50	0	16.33	0.043	16.15	0.041	16.18	0.041



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	18.77	0.075	18.75	0.075	18.97	0.079
5	QPSK	1	12	18.56	0.072	18.68	0.074	18.81	0.076
5	QPSK	1	24	18.58	0.072	18.71	0.074	18.80	0.076
5	QPSK	12	0	18.16	0.065	18.15	0.065	18.15	0.065
5	QPSK	12	7	18.26	0.067	18.19	0.066	18.23	0.067
5	QPSK	12	13	18.24	0.067	18.21	0.066	18.19	0.066
5	QPSK	25	0	18.25	0.067	18.13	0.065	18.19	0.066
5	16QAM	1	0	18.25	0.067	18.27	0.067	18.27	0.067
5	16QAM	1	12	18.40	0.069	18.25	0.067	18.11	0.065
5	16QAM	1	24	18.14	0.065	18.26	0.067	18.12	0.065
5	16QAM	12	0	17.24	0.053	17.11	0.051	17.19	0.052
5	16QAM	12	7	17.29	0.054	17.25	0.053	17.19	0.052
5	16QAM	12	13	17.25	0.053	17.26	0.053	17.17	0.052
5	16QAM	25	0	16.95	0.050	17.12	0.052	17.13	0.052
5	64QAM	1	0	17.10	0.051	17.06	0.051	17.44	0.055
5	64QAM	1	12	17.31	0.054	17.34	0.054	17.09	0.051
5	64QAM	1	24	17.08	0.051	17.16	0.052	17.11	0.051
5	64QAM	12	0	16.22	0.042	16.07	0.040	16.27	0.042
5	64QAM	12	7	16.32	0.043	16.22	0.042	16.23	0.042
5	64QAM	12	13	16.30	0.043	16.19	0.042	16.23	0.042
5	64QAM	25	0	16.27	0.042	16.10	0.041	16.21	0.042



LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26805		26915		27025	
Frequency (MHz)				825.5		836.5		847.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	18.81	0.076	18.68	0.074	18.93	0.078
3	QPSK	1	8	18.71	0.074	18.70	0.074	18.76	0.075
3	QPSK	1	14	18.40	0.069	18.40	0.069	18.89	0.077
3	QPSK	8	0	18.21	0.066	18.07	0.064	18.06	0.064
3	QPSK	8	4	18.26	0.067	18.17	0.066	18.22	0.066
3	QPSK	8	7	18.21	0.066	18.20	0.066	18.10	0.065
3	QPSK	15	0	18.21	0.066	18.14	0.065	18.20	0.066
3	16QAM	1	0	18.23	0.067	18.16	0.065	18.33	0.068
3	16QAM	1	8	18.19	0.066	18.19	0.066	18.44	0.070
3	16QAM	1	14	18.32	0.068	18.16	0.065	18.14	0.065
3	16QAM	8	0	17.24	0.053	17.12	0.052	17.10	0.051
3	16QAM	8	4	17.37	0.055	17.21	0.053	17.22	0.053
3	16QAM	8	7	17.20	0.052	17.29	0.054	17.25	0.053
3	16QAM	15	0	17.21	0.053	17.18	0.052	17.16	0.052
3	64QAM	1	0	17.11	0.051	17.07	0.051	17.17	0.052
3	64QAM	1	8	17.15	0.052	17.18	0.052	17.19	0.052
3	64QAM	1	14	17.16	0.052	17.07	0.051	17.02	0.050
3	64QAM	8	0	16.13	0.041	16.14	0.041	16.17	0.041
3	64QAM	8	4	16.13	0.041	16.17	0.041	16.12	0.041
3	64QAM	8	7	16.17	0.041	16.31	0.043	16.19	0.042
3	64QAM	15	0	16.18	0.041	16.12	0.041	16.18	0.041



LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26797		26915		27033	
Frequency (MHz)				824.7		836.5		848.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	18.92	0.078	18.71	0.074	18.76	0.075
1.4	QPSK	1	3	19.03	0.080	18.83	0.076	18.78	0.076
1.4	QPSK	1	5	18.85	0.077	18.50	0.071	18.86	0.077
1.4	QPSK	3	0	19.14	0.082	19.06	0.081	18.78	0.076
1.4	QPSK	3	1	19.21	0.083	19.16	0.082	18.57	0.072
1.4	QPSK	3	3	19.21	0.083	19.16	0.082	18.74	0.075
1.4	QPSK	6	0	18.20	0.066	18.10	0.065	17.98	0.063
1.4	16QAM	1	0	18.26	0.067	18.10	0.065	18.11	0.065
1.4	16QAM	1	3	18.14	0.065	18.32	0.068	18.10	0.065
1.4	16QAM	1	5	18.29	0.067	18.14	0.065	18.17	0.066
1.4	16QAM	3	0	18.13	0.065	18.17	0.066	17.93	0.062
1.4	16QAM	3	1	18.17	0.066	17.98	0.063	18.01	0.063
1.4	16QAM	3	3	18.13	0.065	17.96	0.063	17.92	0.062
1.4	16QAM	6	0	17.21	0.053	17.04	0.051	17.01	0.050
1.4	64QAM	1	0	17.91	0.062	17.02	0.050	17.06	0.051
1.4	64QAM	1	3	17.20	0.052	17.12	0.052	17.02	0.050
1.4	64QAM	1	5	17.09	0.051	16.98	0.050	16.96	0.050
1.4	64QAM	3	0	17.28	0.053	17.29	0.054	17.11	0.051
1.4	64QAM	3	1	17.12	0.052	17.22	0.053	17.00	0.050
1.4	64QAM	3	3	17.32	0.054	17.21	0.053	16.97	0.050
1.4	64QAM	6	0	16.25	0.042	15.95	0.039	16.14	0.041



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	21.43	0.139	21.47	0.140	21.45	0.140
20	QPSK	1	49	21.30	0.135	21.43	0.139	21.27	0.134
20	QPSK	1	99	21.42	0.139	21.39	0.138	21.21	0.132
20	QPSK	50	0	20.42	0.110	20.49	0.112	20.44	0.111
20	QPSK	50	24	20.45	0.111	20.46	0.111	20.32	0.108
20	QPSK	50	50	20.42	0.110	20.35	0.108	20.28	0.107
20	QPSK	100	0	20.45	0.111	20.48	0.112	20.35	0.108
20	16QAM	1	0	20.55	0.114	20.56	0.114	20.44	0.111
20	16QAM	1	49	20.45	0.111	20.48	0.112	20.52	0.113
20	16QAM	1	99	20.37	0.109	20.41	0.110	20.38	0.109
20	16QAM	50	0	19.42	0.087	19.49	0.089	19.30	0.085
20	16QAM	50	24	19.50	0.089	19.45	0.088	19.47	0.089
20	16QAM	50	50	19.32	0.086	19.37	0.086	19.30	0.085
20	16QAM	100	0	19.41	0.087	19.42	0.087	19.36	0.086
20	64QAM	1	0	19.46	0.088	19.53	0.090	19.44	0.088
20	64QAM	1	49	19.28	0.085	19.36	0.086	19.39	0.087
20	64QAM	1	99	19.35	0.086	19.37	0.086	19.38	0.087
20	64QAM	50	0	19.34	0.086	19.39	0.087	19.34	0.086
20	64QAM	50	24	19.38	0.087	19.34	0.086	19.30	0.085
20	64QAM	50	50	19.25	0.084	19.32	0.086	19.19	0.083
20	64QAM	100	0	19.17	0.083	19.35	0.086	19.21	0.083



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	21.38	0.137	21.42	0.139	21.40	0.138
15	QPSK	1	37	21.25	0.133	21.38	0.137	21.22	0.132
15	QPSK	1	74	21.37	0.137	21.34	0.136	21.16	0.131
15	QPSK	36	0	20.37	0.109	20.44	0.111	20.39	0.109
15	QPSK	36	20	20.40	0.110	20.41	0.110	20.27	0.106
15	QPSK	36	39	20.37	0.109	20.30	0.107	20.23	0.105
15	QPSK	75	0	20.40	0.110	20.43	0.110	20.30	0.107
15	16QAM	1	0	20.50	0.112	20.51	0.112	20.39	0.109
15	16QAM	1	37	20.40	0.110	20.43	0.110	20.47	0.111
15	16QAM	1	74	20.32	0.108	20.36	0.109	20.33	0.108
15	16QAM	36	0	19.37	0.086	19.44	0.088	19.25	0.084
15	16QAM	36	20	19.45	0.088	19.40	0.087	19.42	0.087
15	16QAM	36	39	19.27	0.085	19.32	0.086	19.25	0.084
15	16QAM	75	0	19.36	0.086	19.37	0.086	19.31	0.085
15	64QAM	1	0	19.41	0.087	19.48	0.089	19.39	0.087
15	64QAM	1	37	19.23	0.084	19.31	0.085	19.34	0.086
15	64QAM	1	74	19.30	0.085	19.32	0.086	19.33	0.086
15	64QAM	36	0	19.29	0.085	19.34	0.086	19.29	0.085
15	64QAM	36	20	19.33	0.086	19.29	0.085	19.25	0.084
15	64QAM	36	39	19.20	0.083	19.27	0.085	19.14	0.082
15	64QAM	75	0	19.12	0.082	19.30	0.085	19.16	0.082



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	21.35	0.136	21.39	0.138	21.37	0.137
10	QPSK	1	25	21.22	0.132	21.35	0.136	21.19	0.132
10	QPSK	1	49	21.34	0.136	21.31	0.135	21.13	0.130
10	QPSK	25	0	20.34	0.108	20.41	0.110	20.36	0.109
10	QPSK	25	12	20.37	0.109	20.38	0.109	20.24	0.106
10	QPSK	25	25	20.34	0.108	20.27	0.106	20.20	0.105
10	QPSK	50	0	20.37	0.109	20.40	0.110	20.27	0.106
10	16QAM	1	0	20.47	0.111	20.48	0.112	20.36	0.109
10	16QAM	1	25	20.37	0.109	20.40	0.110	20.44	0.111
10	16QAM	1	49	20.29	0.107	20.33	0.108	20.30	0.107
10	16QAM	25	0	19.34	0.086	19.41	0.087	19.22	0.084
10	16QAM	25	12	19.42	0.087	19.37	0.086	19.39	0.087
10	16QAM	25	25	19.24	0.084	19.29	0.085	19.22	0.084
10	16QAM	50	0	19.33	0.086	19.34	0.086	19.28	0.085
10	64QAM	1	0	19.38	0.087	19.45	0.088	19.36	0.086
10	64QAM	1	25	19.20	0.083	19.28	0.085	19.31	0.085
10	64QAM	1	49	19.27	0.085	19.29	0.085	19.30	0.085
10	64QAM	25	0	19.26	0.084	19.31	0.085	19.26	0.084
10	64QAM	25	12	19.30	0.085	19.26	0.084	19.22	0.084
10	64QAM	25	25	19.17	0.083	19.24	0.084	19.11	0.081
10	64QAM	50	0	19.09	0.081	19.27	0.085	19.13	0.082



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	21.30	0.135	21.34	0.136	21.32	0.136
5	QPSK	1	12	21.17	0.131	21.30	0.135	21.14	0.130
5	QPSK	1	24	21.29	0.135	21.26	0.134	21.08	0.128
5	QPSK	12	0	20.29	0.107	20.36	0.109	20.31	0.107
5	QPSK	12	7	20.32	0.108	20.33	0.108	20.19	0.104
5	QPSK	12	13	20.29	0.107	20.22	0.105	20.15	0.104
5	QPSK	25	0	20.32	0.108	20.35	0.108	20.22	0.105
5	16QAM	1	0	20.42	0.110	20.43	0.110	20.31	0.107
5	16QAM	1	12	20.32	0.108	20.35	0.108	20.39	0.109
5	16QAM	1	24	20.24	0.106	20.28	0.107	20.25	0.106
5	16QAM	12	0	19.29	0.085	19.36	0.086	19.17	0.083
5	16QAM	12	7	19.37	0.086	19.32	0.086	19.34	0.086
5	16QAM	12	13	19.19	0.083	19.24	0.084	19.17	0.083
5	16QAM	25	0	19.28	0.085	19.29	0.085	19.23	0.084
5	64QAM	1	0	19.33	0.086	19.40	0.087	19.31	0.085
5	64QAM	1	12	19.15	0.082	19.23	0.084	19.26	0.084
5	64QAM	1	24	19.22	0.084	19.24	0.084	19.25	0.084
5	64QAM	12	0	19.21	0.083	19.26	0.084	19.21	0.083
5	64QAM	12	7	19.25	0.084	19.21	0.083	19.17	0.083
5	64QAM	12	13	19.12	0.082	19.19	0.083	19.06	0.081
5	64QAM	25	0	19.04	0.080	19.22	0.084	19.08	0.081



LTE Band 41				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39750		40620		41490	
Frequency (MHz)				2506		2593		2680	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	22.16	0.164	22.22	0.167	22.20	0.166
20	QPSK	1	49	22.07	0.161	21.97	0.157	21.95	0.157
20	QPSK	1	99	22.16	0.164	22.12	0.163	21.94	0.156
20	QPSK	50	0	21.39	0.138	21.40	0.138	21.37	0.137
20	QPSK	50	24	21.35	0.136	21.26	0.134	21.08	0.128
20	QPSK	50	50	21.37	0.137	21.22	0.132	20.95	0.124
20	QPSK	100	0	21.36	0.137	21.27	0.134	21.05	0.127
20	16QAM	1	0	21.44	0.139	21.40	0.138	21.35	0.136
20	16QAM	1	49	21.37	0.137	21.34	0.136	21.30	0.135
20	16QAM	1	99	21.30	0.135	21.39	0.138	21.27	0.134
20	16QAM	50	0	20.45	0.111	20.27	0.106	20.12	0.103
20	16QAM	50	24	20.39	0.109	20.30	0.107	20.15	0.104
20	16QAM	50	50	20.36	0.109	20.15	0.104	20.11	0.103
20	16QAM	100	0	20.27	0.106	20.30	0.107	20.25	0.106
20	64QAM	1	0	20.35	0.108	20.33	0.108	20.27	0.106
20	64QAM	1	49	20.34	0.108	20.24	0.106	20.17	0.104
20	64QAM	1	99	20.28	0.107	20.28	0.107	20.22	0.105
20	64QAM	50	0	20.40	0.110	20.21	0.105	19.98	0.100
20	64QAM	50	24	20.30	0.107	20.24	0.106	20.16	0.104
20	64QAM	50	50	20.17	0.104	20.19	0.104	20.10	0.102
20	64QAM	100	0	20.36	0.109	20.35	0.108	20.25	0.106



LTE Band 41				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39725		40620		41515	
Frequency (MHz)				2503.5		2593		2682.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	22.11	0.163	22.17	0.165	22.00	0.158
15	QPSK	1	37	22.02	0.159	21.92	0.156	21.90	0.155
15	QPSK	1	74	22.11	0.163	22.07	0.161	21.89	0.155
15	QPSK	36	0	21.34	0.136	21.35	0.136	21.32	0.136
15	QPSK	36	20	21.30	0.135	21.21	0.132	21.03	0.127
15	QPSK	36	39	21.32	0.136	21.17	0.131	20.90	0.123
15	QPSK	75	0	21.31	0.135	21.22	0.132	21.00	0.126
15	16QAM	1	0	21.39	0.138	21.35	0.136	21.30	0.135
15	16QAM	1	37	21.32	0.136	21.29	0.135	21.25	0.133
15	16QAM	1	74	21.25	0.133	21.34	0.136	21.22	0.132
15	16QAM	36	0	20.40	0.110	20.22	0.105	20.07	0.102
15	16QAM	36	20	20.34	0.108	20.25	0.106	20.10	0.102
15	16QAM	36	39	20.31	0.107	20.10	0.102	20.06	0.101
15	16QAM	75	0	20.22	0.105	20.25	0.106	20.20	0.105
15	64QAM	1	0	20.30	0.107	20.28	0.107	20.22	0.105
15	64QAM	1	37	20.29	0.107	20.19	0.104	20.12	0.103
15	64QAM	1	74	20.23	0.105	20.23	0.105	20.17	0.104
15	64QAM	36	0	20.35	0.108	20.16	0.104	19.93	0.098
15	64QAM	36	20	20.25	0.106	20.19	0.104	20.11	0.103
15	64QAM	36	39	20.12	0.103	20.14	0.103	20.05	0.101
15	64QAM	75	0	20.31	0.107	20.30	0.107	20.20	0.105



LTE Band 41				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39700		40620		41540	
Frequency (MHz)				2501		2593		2685	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	22.05	0.160	22.11	0.163	21.94	0.156
10	QPSK	1	25	21.96	0.157	21.86	0.153	21.84	0.153
10	QPSK	1	49	22.05	0.160	22.01	0.159	21.83	0.152
10	QPSK	25	0	21.28	0.134	21.29	0.135	21.26	0.134
10	QPSK	25	12	21.24	0.133	21.15	0.130	20.97	0.125
10	QPSK	25	25	21.26	0.134	21.11	0.129	20.84	0.121
10	QPSK	50	0	21.25	0.133	21.16	0.131	20.94	0.124
10	16QAM	1	0	21.33	0.136	21.29	0.135	21.24	0.133
10	16QAM	1	25	21.26	0.134	21.23	0.133	21.19	0.132
10	16QAM	1	49	21.19	0.132	21.28	0.134	21.16	0.131
10	16QAM	25	0	20.34	0.108	20.16	0.104	20.01	0.100
10	16QAM	25	12	20.28	0.107	20.19	0.104	20.04	0.101
10	16QAM	25	25	20.25	0.106	20.04	0.101	20.00	0.100
10	16QAM	50	0	20.16	0.104	20.19	0.104	20.14	0.103
10	64QAM	1	0	20.24	0.106	20.22	0.105	20.16	0.104
10	64QAM	1	25	20.23	0.105	20.13	0.103	20.06	0.101
10	64QAM	1	49	20.17	0.104	20.17	0.104	20.11	0.103
10	64QAM	25	0	20.29	0.107	20.10	0.102	19.87	0.097
10	64QAM	25	12	20.19	0.104	20.13	0.103	20.05	0.101
10	64QAM	25	25	20.06	0.101	20.08	0.102	19.99	0.100
10	64QAM	50	0	20.25	0.106	20.24	0.106	20.14	0.103



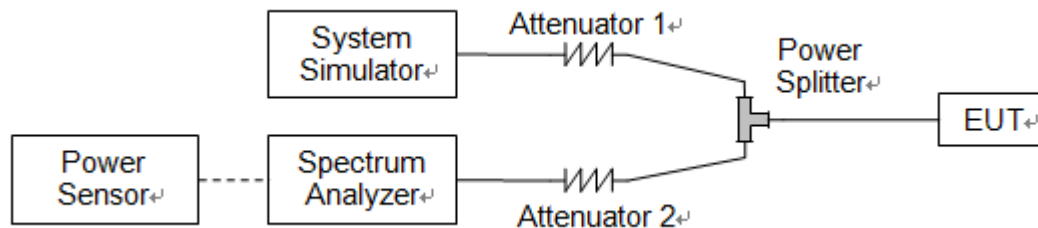
LTE Band 41				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39675		40620		41565	
Frequency (MHz)				2498.5		2593		2687.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	21.99	0.158	22.05	0.160	21.88	0.154
5	QPSK	1	12	21.90	0.155	21.80	0.151	21.78	0.151
5	QPSK	1	24	21.99	0.158	21.95	0.157	21.77	0.150
5	QPSK	12	0	21.22	0.132	21.23	0.133	21.20	0.132
5	QPSK	12	7	21.18	0.131	21.09	0.129	20.91	0.123
5	QPSK	12	13	21.20	0.132	21.05	0.127	20.78	0.120
5	QPSK	25	0	21.19	0.132	21.10	0.129	20.88	0.122
5	16QAM	1	0	21.27	0.134	21.23	0.133	21.18	0.131
5	16QAM	1	12	21.20	0.132	21.17	0.131	21.13	0.130
5	16QAM	1	24	21.13	0.130	21.22	0.132	21.10	0.129
5	16QAM	12	0	20.28	0.107	20.10	0.102	19.95	0.099
5	16QAM	12	7	20.22	0.105	20.13	0.103	19.98	0.100
5	16QAM	12	13	20.19	0.104	19.98	0.100	19.94	0.099
5	16QAM	25	0	20.10	0.102	20.13	0.103	20.08	0.102
5	64QAM	1	0	20.18	0.104	20.16	0.104	20.10	0.102
5	64QAM	1	12	20.17	0.104	20.07	0.102	20.00	0.100
5	64QAM	1	24	20.11	0.103	20.11	0.103	20.05	0.101
5	64QAM	12	0	20.23	0.105	20.04	0.101	19.81	0.096
5	64QAM	12	7	20.13	0.103	20.07	0.102	19.99	0.100
5	64QAM	12	13	20.00	0.100	20.02	0.100	19.93	0.098
5	64QAM	25	0	20.19	0.104	20.18	0.104	20.08	0.102

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)	Verdict
B2	1.4	Low	18607	1850.7	QPSK	1.1034	1.3320	PASS
B2	1.4	Low	18607	1850.7	16QAM	1.1085	1.3501	PASS
B2	1.4	Low	18607	1850.7	64QAM	1.1057	1.3474	PASS
B2	1.4	Mid	18900	1880	QPSK	1.0977	1.3485	PASS
B2	1.4	Mid	18900	1880	16QAM	1.1059	1.3523	PASS
B2	1.4	Mid	18900	1880	64QAM	1.1022	1.3474	PASS
B2	1.4	High	19193	1909.3	QPSK	1.1046	1.3458	PASS
B2	1.4	High	19193	1909.3	16QAM	1.1024	1.3635	PASS
B2	1.4	High	19193	1909.3	64QAM	1.1027	1.3661	PASS
B2	3	Low	18615	1851.5	QPSK	2.7174	3.0540	PASS
B2	3	Low	18615	1851.5	16QAM	2.7104	3.0209	PASS
B2	3	Low	18615	1851.5	64QAM	2.7262	3.1003	PASS
B2	3	Mid	18900	1880	QPSK	2.7053	3.0760	PASS
B2	3	Mid	18900	1880	16QAM	2.7131	3.0538	PASS
B2	3	Mid	18900	1880	64QAM	2.7125	3.0442	PASS
B2	3	High	19185	1908.5	QPSK	2.7070	3.0602	PASS
B2	3	High	19185	1908.5	16QAM	2.7085	3.0624	PASS
B2	3	High	19185	1908.5	64QAM	2.7164	3.0436	PASS
B2	5	Low	18625	1852.5	QPSK	4.5043	5.0611	PASS
B2	5	Low	18625	1852.5	16QAM	4.4989	5.1089	PASS
B2	5	Low	18625	1852.5	64QAM	4.5060	5.0585	PASS
B2	5	Mid	18900	1880	QPSK	4.4916	5.0880	PASS
B2	5	Mid	18900	1880	16QAM	4.4893	5.0565	PASS
B2	5	Mid	18900	1880	64QAM	4.4985	5.0717	PASS
B2	5	High	19175	1907.5	QPSK	4.5137	5.1437	PASS
B2	5	High	19175	1907.5	16QAM	4.5145	5.1039	PASS
B2	5	High	19175	1907.5	64QAM	4.5172	5.0593	PASS
B2	10	Low	18650	1855	QPSK	8.9914	9.9565	PASS
B2	10	Low	18650	1855	16QAM	9.0005	10.0605	PASS
B2	10	Low	18650	1855	64QAM	8.9948	9.9931	PASS
B2	10	Mid	18900	1880	QPSK	8.9784	9.8798	PASS
B2	10	Mid	18900	1880	16QAM	9.0156	10.1076	PASS
B2	10	Mid	18900	1880	64QAM	8.9861	9.8614	PASS



REPORT No.: SZ25040205W02

B2	10	High	19150	1905	QPSK	9.0194	10.1074	PASS
B2	10	High	19150	1905	16QAM	9.0224	9.9183	PASS
B2	10	High	19150	1905	64QAM	9.0080	9.9239	PASS
B2	15	Low	18675	1857.5	QPSK	13.464	14.782	PASS
B2	15	Low	18675	1857.5	16QAM	13.455	14.760	PASS
B2	15	Low	18675	1857.5	64QAM	13.457	14.864	PASS
B2	15	Mid	18900	1880	QPSK	13.476	14.833	PASS
B2	15	Mid	18900	1880	16QAM	13.510	14.965	PASS
B2	15	Mid	18900	1880	64QAM	13.466	14.748	PASS
B2	15	High	19125	1902.5	QPSK	13.456	14.704	PASS
B2	15	High	19125	1902.5	16QAM	13.469	14.805	PASS
B2	15	High	19125	1902.5	64QAM	13.466	14.837	PASS
B2	20	Low	18700	1860	QPSK	17.943	19.591	PASS
B2	20	Low	18700	1860	16QAM	17.956	19.451	PASS
B2	20	Low	18700	1860	64QAM	17.953	19.648	PASS
B2	20	Mid	18900	1880	QPSK	17.968	19.462	PASS
B2	20	Mid	18900	1880	16QAM	18.009	19.501	PASS
B2	20	Mid	18900	1880	64QAM	17.959	19.678	PASS
B2	20	High	19100	1900	QPSK	17.892	19.326	PASS
B2	20	High	19100	1900	16QAM	17.867	19.443	PASS
B2	20	High	19100	1900	64QAM	17.928	19.484	PASS



LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B4	1.4	Low	19957	1710.7	QPSK	1.1019	1.3478	PASS
B4	1.4	Low	19957	1710.7	16QAM	1.1070	1.3488	PASS
B4	1.4	Low	19957	1710.7	64QAM	1.1006	1.3436	PASS
B4	1.4	Mid	20175	1732.5	QPSK	1.1068	1.4057	PASS
B4	1.4	Mid	20175	1732.5	16QAM	1.1127	1.3744	PASS
B4	1.4	Mid	20175	1732.5	64QAM	1.1060	1.3539	PASS
B4	1.4	High	20393	1754.3	QPSK	1.1035	1.3466	PASS
B4	1.4	High	20393	1754.3	16QAM	1.1071	1.3648	PASS
B4	1.4	High	20393	1754.3	64QAM	1.1060	1.3602	PASS
B4	3	Low	19965	1711.5	QPSK	2.7169	3.0650	PASS
B4	3	Low	19965	1711.5	16QAM	2.7125	3.0484	PASS
B4	3	Low	19965	1711.5	64QAM	2.7110	3.0144	PASS
B4	3	Mid	20175	1732.5	QPSK	2.7183	3.0865	PASS
B4	3	Mid	20175	1732.5	16QAM	2.7114	3.0863	PASS
B4	3	Mid	20175	1732.5	64QAM	2.7165	3.0636	PASS
B4	3	High	20385	1753.5	QPSK	2.7124	3.0496	PASS
B4	3	High	20385	1753.5	16QAM	2.7174	3.0637	PASS
B4	3	High	20385	1753.5	64QAM	2.7064	3.0503	PASS
B4	5	Low	19975	1712.5	QPSK	4.4962	5.0657	PASS
B4	5	Low	19975	1712.5	16QAM	4.4997	5.0596	PASS
B4	5	Low	19975	1712.5	64QAM	4.5119	5.0809	PASS
B4	5	Mid	20175	1732.5	QPSK	4.5107	5.2212	PASS
B4	5	Mid	20175	1732.5	16QAM	4.5017	5.0917	PASS
B4	5	Mid	20175	1732.5	64QAM	4.4932	5.1082	PASS
B4	5	High	20375	1752.5	QPSK	4.5001	5.0907	PASS
B4	5	High	20375	1752.5	16QAM	4.4990	5.0392	PASS
B4	5	High	20375	1752.5	64QAM	4.4969	5.0212	PASS
B4	10	Low	20000	1715	QPSK	8.9791	9.9362	PASS
B4	10	Low	20000	1715	16QAM	8.9907	9.9589	PASS
B4	10	Low	20000	1715	64QAM	9.0012	9.9462	PASS
B4	10	Mid	20175	1732.5	QPSK	8.9720	10.0108	PASS
B4	10	Mid	20175	1732.5	16QAM	8.9851	9.9902	PASS
B4	10	Mid	20175	1732.5	64QAM	8.9797	9.8564	PASS
B4	10	High	20350	1750	QPSK	8.9672	9.9753	PASS
B4	10	High	20350	1750	16QAM	8.9821	10.0765	PASS



REPORT No.: SZ25040205W02

B4	10	High	20350	1750	64QAM	8.9847	9.9173	PASS
B4	15	Low	20025	1717.5	QPSK	13.467	14.648	PASS
B4	15	Low	20025	1717.5	16QAM	13.459	14.729	PASS
B4	15	Low	20025	1717.5	64QAM	13.471	14.742	PASS
B4	15	Mid	20175	1732.5	QPSK	13.470	14.838	PASS
B4	15	Mid	20175	1732.5	16QAM	13.456	14.703	PASS
B4	15	Mid	20175	1732.5	64QAM	13.452	14.653	PASS
B4	15	High	20325	1747.5	QPSK	13.465	14.834	PASS
B4	15	High	20325	1747.5	16QAM	13.458	14.982	PASS
B4	15	High	20325	1747.5	64QAM	13.458	14.700	PASS
B4	20	Low	20050	1720	QPSK	17.963	19.513	PASS
B4	20	Low	20050	1720	16QAM	17.974	19.522	PASS
B4	20	Low	20050	1720	64QAM	17.976	19.727	PASS
B4	20	Mid	20175	1732.5	QPSK	17.969	19.580	PASS
B4	20	Mid	20175	1732.5	16QAM	17.946	19.545	PASS
B4	20	Mid	20175	1732.5	64QAM	17.926	19.553	PASS
B4	20	High	20300	1745	QPSK	17.933	19.729	PASS
B4	20	High	20300	1745	16QAM	17.944	19.633	PASS
B4	20	High	20300	1745	64QAM	17.945	19.667	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	1.1002	1.3438	PASS
B5	1.4	Low	20407	824.7	16QAM	1.1065	1.3993	PASS
B5	1.4	Low	20407	824.7	64QAM	1.1063	1.3443	PASS
B5	1.4	Mid	20525	836.5	QPSK	1.1012	1.3500	PASS
B5	1.4	Mid	20525	836.5	16QAM	1.1031	1.3837	PASS
B5	1.4	Mid	20525	836.5	64QAM	1.1065	1.3486	PASS
B5	1.4	High	20643	848.3	QPSK	1.1010	1.3576	PASS
B5	1.4	High	20643	848.3	16QAM	1.1052	1.3481	PASS
B5	1.4	High	20643	848.3	64QAM	1.1043	1.3722	PASS
B5	3	Low	20415	825.5	QPSK	2.7095	3.0845	PASS
B5	3	Low	20415	825.5	16QAM	2.7175	3.0557	PASS
B5	3	Low	20415	825.5	64QAM	2.7060	3.0347	PASS
B5	3	Mid	20525	836.5	QPSK	2.7126	3.0686	PASS
B5	3	Mid	20525	836.5	16QAM	2.7125	3.0665	PASS
B5	3	Mid	20525	836.5	64QAM	2.7120	3.0598	PASS
B5	3	High	20635	847.5	QPSK	2.7255	3.0598	PASS
B5	3	High	20635	847.5	16QAM	2.7033	3.0588	PASS
B5	3	High	20635	847.5	64QAM	2.7126	3.0537	PASS
B5	5	Low	20425	826.5	QPSK	4.5081	5.0543	PASS
B5	5	Low	20425	826.5	16QAM	4.5016	5.0800	PASS
B5	5	Low	20425	826.5	64QAM	4.4981	5.0804	PASS
B5	5	Mid	20525	836.5	QPSK	4.5007	5.0781	PASS
B5	5	Mid	20525	836.5	16QAM	4.4942	5.0326	PASS
B5	5	Mid	20525	836.5	64QAM	4.4940	5.0426	PASS
B5	5	High	20625	846.5	QPSK	4.5063	5.0548	PASS
B5	5	High	20625	846.5	16QAM	4.5034	5.0457	PASS
B5	5	High	20625	846.5	64QAM	4.4975	5.0397	PASS
B5	10	Low	20450	829	QPSK	9.0025	9.8749	PASS
B5	10	Low	20450	829	16QAM	8.9885	9.8523	PASS
B5	10	Low	20450	829	64QAM	8.9820	9.9954	PASS
B5	10	Mid	20525	836.5	QPSK	8.9633	9.8945	PASS
B5	10	Mid	20525	836.5	16QAM	8.9728	9.9535	PASS
B5	10	Mid	20525	836.5	64QAM	8.9863	9.9017	PASS
B5	10	High	20600	844	QPSK	8.9601	9.8463	PASS
B5	10	High	20600	844	16QAM	8.9782	9.8958	PASS



REPORT No.: SZ25040205W02

B5	10	High	20600	844	64QAM	8.9951	9.8193	PASS
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LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B7	5	Low	20775	2502.5	QPSK	4.4859	4.9734	PASS
B7	5	Low	20775	2502.5	16QAM	4.5130	5.0646	PASS
B7	5	Low	20775	2502.5	64QAM	4.5058	5.0769	PASS
B7	5	Mid	21100	2535	QPSK	4.5150	5.1313	PASS
B7	5	Mid	21100	2535	16QAM	4.4933	5.0591	PASS
B7	5	Mid	21100	2535	64QAM	4.5007	5.0232	PASS
B7	5	High	21425	2567.5	QPSK	4.5066	5.0802	PASS
B7	5	High	21425	2567.5	16QAM	4.4991	5.0603	PASS
B7	5	High	21425	2567.5	64QAM	4.4951	5.0414	PASS
B7	10	Low	20800	2505	QPSK	8.9888	9.8583	PASS
B7	10	Low	20800	2505	16QAM	8.9960	10.0077	PASS
B7	10	Low	20800	2505	64QAM	8.9829	9.9277	PASS
B7	10	Mid	21100	2535	QPSK	8.9901	9.9756	PASS
B7	10	Mid	21100	2535	16QAM	8.9951	10.0559	PASS
B7	10	Mid	21100	2535	64QAM	8.9834	9.9668	PASS
B7	10	High	21400	2565	QPSK	8.9861	10.0054	PASS
B7	10	High	21400	2565	16QAM	8.9891	9.8890	PASS
B7	10	High	21400	2565	64QAM	8.9696	9.9812	PASS
B7	15	Low	20825	2507.5	QPSK	13.466	14.710	PASS
B7	15	Low	20825	2507.5	16QAM	13.436	14.734	PASS
B7	15	Low	20825	2507.5	64QAM	13.458	14.773	PASS
B7	15	Mid	21100	2535	QPSK	13.476	14.666	PASS
B7	15	Mid	21100	2535	16QAM	13.462	14.771	PASS
B7	15	Mid	21100	2535	64QAM	13.434	14.772	PASS
B7	15	High	21375	2562.5	QPSK	13.454	14.812	PASS
B7	15	High	21375	2562.5	16QAM	13.455	14.798	PASS
B7	15	High	21375	2562.5	64QAM	13.450	14.738	PASS
B7	20	Low	20850	2510	QPSK	17.941	19.719	PASS
B7	20	Low	20850	2510	16QAM	17.963	19.513	PASS
B7	20	Low	20850	2510	64QAM	17.963	19.521	PASS
B7	20	Mid	21100	2535	QPSK	17.926	19.609	PASS
B7	20	Mid	21100	2535	16QAM	17.931	19.610	PASS
B7	20	Mid	21100	2535	64QAM	17.963	19.630	PASS
B7	20	High	21350	2560	QPSK	17.947	19.673	PASS
B7	20	High	21350	2560	16QAM	17.967	19.712	PASS



REPORT No.: SZ25040205W02

B7	20	High	21350	2560	64QAM	17.944	19.737	PASS
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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	1.1092	1.3674	PASS
B12	1.4	Low	23017	699.7	16QAM	1.1072	1.3582	PASS
B12	1.4	Low	23017	699.7	64QAM	1.1005	1.3433	PASS
B12	1.4	Mid	23095	707.5	QPSK	1.1019	1.3716	PASS
B12	1.4	Mid	23095	707.5	16QAM	1.1072	1.3705	PASS
B12	1.4	Mid	23095	707.5	64QAM	1.1021	1.3366	PASS
B12	1.4	High	23173	715.3	QPSK	1.1022	1.3825	PASS
B12	1.4	High	23173	715.3	16QAM	1.1090	1.3780	PASS
B12	1.4	High	23173	715.3	64QAM	1.1007	1.3506	PASS
B12	3	Low	23025	700.5	QPSK	2.7095	3.0334	PASS
B12	3	Low	23025	700.5	16QAM	2.7211	3.0594	PASS
B12	3	Low	23025	700.5	64QAM	2.7211	3.0402	PASS
B12	3	Mid	23095	707.5	QPSK	2.7169	3.1435	PASS
B12	3	Mid	23095	707.5	16QAM	2.7119	3.0702	PASS
B12	3	Mid	23095	707.5	64QAM	2.7145	3.0534	PASS
B12	3	High	23165	714.5	QPSK	2.7150	3.0645	PASS
B12	3	High	23165	714.5	16QAM	2.7183	3.0781	PASS
B12	3	High	23165	714.5	64QAM	2.7149	3.0458	PASS
B12	5	Low	23035	701.5	QPSK	4.4942	5.0147	PASS
B12	5	Low	23035	701.5	16QAM	4.4961	5.0080	PASS
B12	5	Low	23035	701.5	64QAM	4.4980	5.0535	PASS
B12	5	Mid	23095	707.5	QPSK	4.4960	5.0441	PASS
B12	5	Mid	23095	707.5	16QAM	4.5002	5.0751	PASS
B12	5	Mid	23095	707.5	64QAM	4.4993	5.0481	PASS
B12	5	High	23155	713.5	QPSK	4.4991	5.0858	PASS
B12	5	High	23155	713.5	16QAM	4.5054	5.0331	PASS
B12	5	High	23155	713.5	64QAM	4.4961	5.0939	PASS
B12	10	Low	23060	704	QPSK	8.9709	9.8575	PASS
B12	10	Low	23060	704	16QAM	8.9484	9.7986	PASS
B12	10	Low	23060	704	64QAM	8.9635	9.9690	PASS
B12	10	Mid	23095	707.5	QPSK	8.9751	9.9591	PASS
B12	10	Mid	23095	707.5	16QAM	8.9716	9.8967	PASS
B12	10	Mid	23095	707.5	64QAM	8.9670	9.8063	PASS
B12	10	High	23130	711	QPSK	8.9909	9.9809	PASS
B12	10	High	23130	711	16QAM	8.9692	9.8297	PASS



REPORT No.: SZ25040205W02

B12	10	High	23130	711	64QAM	8.9887	9.8979	PASS
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LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B13	5	Low	23205	779.5	QPSK	4.5116	5.0151	PASS
B13	5	Low	23205	779.5	16QAM	4.4964	5.0346	PASS
B13	5	Low	23205	779.5	64QAM	4.4979	5.0022	PASS
B13	5	Mid	23230	782	QPSK	4.4961	5.0046	PASS
B13	5	Mid	23230	782	16QAM	4.4945	5.0523	PASS
B13	5	Mid	23230	782	64QAM	4.4901	5.1083	PASS
B13	5	High	23255	784.5	QPSK	4.4954	4.9745	PASS
B13	5	High	23255	784.5	16QAM	4.4999	5.0445	PASS
B13	5	High	23255	784.5	64QAM	4.4942	5.0711	PASS
B13	10	Mid	23230	782	QPSK	8.9598	9.8797	PASS
B13	10	Mid	23230	782	16QAM	8.9859	9.7658	PASS
B13	10	Mid	23230	782	64QAM	8.9809	9.9073	PASS



LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B25	1.4	Low	26047	1850.7	QPSK	1.0976	1.3382	PASS
B25	1.4	Low	26047	1850.7	16QAM	1.1024	1.3652	PASS
B25	1.4	Low	26047	1850.7	64QAM	1.1098	1.3519	PASS
B25	1.4	Mid	26365	1882.5	QPSK	1.1045	1.3583	PASS
B25	1.4	Mid	26365	1882.5	16QAM	1.1059	1.3720	PASS
B25	1.4	Mid	26365	1882.5	64QAM	1.1058	1.3468	PASS
B25	1.4	High	26683	1914.3	QPSK	1.1038	1.3250	PASS
B25	1.4	High	26683	1914.3	16QAM	1.1044	1.3871	PASS
B25	1.4	High	26683	1914.3	64QAM	1.1028	1.3475	PASS
B25	3	Low	26055	1851.5	QPSK	2.7147	3.0530	PASS
B25	3	Low	26055	1851.5	16QAM	2.7166	3.0518	PASS
B25	3	Low	26055	1851.5	64QAM	2.7189	3.0345	PASS
B25	3	Mid	26365	1882.5	QPSK	2.7197	3.0375	PASS
B25	3	Mid	26365	1882.5	16QAM	2.7193	3.0851	PASS
B25	3	Mid	26365	1882.5	64QAM	2.7179	3.0866	PASS
B25	3	High	26675	1913.5	QPSK	2.7070	3.0733	PASS
B25	3	High	26675	1913.5	16QAM	2.7238	3.0915	PASS
B25	3	High	26675	1913.5	64QAM	2.7107	3.0179	PASS
B25	5	Low	26065	1852.5	QPSK	4.5014	5.0677	PASS
B25	5	Low	26065	1852.5	16QAM	4.5072	5.0108	PASS
B25	5	Low	26065	1852.5	64QAM	4.5090	5.1040	PASS
B25	5	Mid	26365	1882.5	QPSK	4.5146	5.0830	PASS
B25	5	Mid	26365	1882.5	16QAM	4.4982	5.1169	PASS
B25	5	Mid	26365	1882.5	64QAM	4.4936	5.0603	PASS
B25	5	High	26665	1912.5	QPSK	4.4864	5.0947	PASS
B25	5	High	26665	1912.5	16QAM	4.4862	5.0083	PASS
B25	5	High	26665	1912.5	64QAM	4.4849	5.0602	PASS
B25	10	Low	26090	1855	QPSK	8.9892	10.0292	PASS
B25	10	Low	26090	1855	16QAM	8.9872	9.9124	PASS
B25	10	Low	26090	1855	64QAM	8.9794	9.8889	PASS
B25	10	Mid	26365	1882.5	QPSK	9.0106	9.7554	PASS
B25	10	Mid	26365	1882.5	16QAM	9.0001	9.9053	PASS
B25	10	Mid	26365	1882.5	64QAM	8.9992	9.8661	PASS
B25	10	High	26640	1910	QPSK	8.9756	9.8677	PASS
B25	10	High	26640	1910	16QAM	8.9738	9.9557	PASS



REPORT No.: SZ25040205W02

B25	10	High	26640	1910	64QAM	8.9770	9.9763	PASS
B25	15	Low	26115	1857.5	QPSK	13.482	14.842	PASS
B25	15	Low	26115	1857.5	16QAM	13.462	14.841	PASS
B25	15	Low	26115	1857.5	64QAM	13.470	14.809	PASS
B25	15	Mid	26365	1882.5	QPSK	13.495	14.871	PASS
B25	15	Mid	26365	1882.5	16QAM	13.503	14.831	PASS
B25	15	Mid	26365	1882.5	64QAM	13.510	14.865	PASS
B25	15	High	26615	1907.5	QPSK	13.515	14.717	PASS
B25	15	High	26615	1907.5	16QAM	13.503	14.882	PASS
B25	15	High	26615	1907.5	64QAM	13.484	14.927	PASS
B25	20	Low	26140	1860	QPSK	17.937	19.367	PASS
B25	20	Low	26140	1860	16QAM	17.954	19.478	PASS
B25	20	Low	26140	1860	64QAM	17.950	19.595	PASS
B25	20	Mid	26365	1882.5	QPSK	18.001	19.811	PASS
B25	20	Mid	26365	1882.5	16QAM	18.057	19.539	PASS
B25	20	Mid	26365	1882.5	64QAM	17.990	19.552	PASS
B25	20	High	26590	1905	QPSK	17.984	19.574	PASS
B25	20	High	26590	1905	16QAM	18.042	19.593	PASS
B25	20	High	26590	1905	64QAM	18.022	19.440	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	1.0992	1.3686	PASS
B26 Part22	1.4	Low	26797	824.7	16QAM	1.1103	1.3456	PASS
B26 Part22	1.4	Low	26797	824.7	64QAM	1.1002	1.3633	PASS
B26 Part22	1.4	Mid	26915	836.5	QPSK	1.0998	1.3594	PASS
B26 Part22	1.4	Mid	26915	836.5	16QAM	1.1055	1.3601	PASS
B26 Part22	1.4	Mid	26915	836.5	64QAM	1.1046	1.3927	PASS
B26 Part22	1.4	High	27033	848.3	QPSK	1.1010	1.3534	PASS
B26 Part22	1.4	High	27033	848.3	16QAM	1.1052	1.3492	PASS
B26 Part22	1.4	High	27033	848.3	64QAM	1.1034	1.3412	PASS
B26 Part22	3	Low	26805	825.5	QPSK	2.7125	3.0787	PASS
B26 Part22	3	Low	26805	825.5	16QAM	2.7184	3.0796	PASS
B26 Part22	3	Low	26805	825.5	64QAM	2.7121	3.0700	PASS
B26 Part22	3	Mid	26915	836.5	QPSK	2.7064	3.0648	PASS
B26 Part22	3	Mid	26915	836.5	16QAM	2.7071	3.0290	PASS
B26 Part22	3	Mid	26915	836.5	64QAM	2.7282	3.0527	PASS
B26 Part22	3	High	27025	847.5	QPSK	2.7090	3.0630	PASS
B26 Part22	3	High	27025	847.5	16QAM	2.7142	3.0398	PASS



REPORT No.: SZ25040205W02

B26 Part22	3	High	27025	847.5	64QAM	2.7106	3.0566	PASS
B26 Part22	5	Low	26815	826.5	QPSK	4.5093	5.0611	PASS
B26 Part22	5	Low	26815	826.5	16QAM	4.5086	5.0697	PASS
B26 Part22	5	Low	26815	826.5	64QAM	4.4930	5.0796	PASS
B26 Part22	5	Mid	26915	836.5	QPSK	4.5040	5.1813	PASS
B26 Part22	5	Mid	26915	836.5	16QAM	4.5004	5.0670	PASS
B26 Part22	5	Mid	26915	836.5	64QAM	4.5069	5.0023	PASS
B26 Part22	5	High	27015	846.5	QPSK	4.4940	5.1479	PASS
B26 Part22	5	High	27015	846.5	16QAM	4.5001	5.0884	PASS
B26 Part22	5	High	27015	846.5	64QAM	4.4926	5.0739	PASS
B26 Part22	10	Low	26840	829	QPSK	9.0006	10.0776	PASS
B26 Part22	10	Low	26840	829	16QAM	8.9817	9.9369	PASS
B26 Part22	10	Low	26840	829	64QAM	8.9877	9.9421	PASS
B26 Part22	10	Mid	26915	836.5	QPSK	8.9597	9.9301	PASS
B26 Part22	10	Mid	26915	836.5	16QAM	8.9747	9.8404	PASS
B26 Part22	10	Mid	26915	836.5	64QAM	8.9718	9.9641	PASS
B26 Part22	10	High	26990	844	QPSK	8.9674	9.9922	PASS
B26 Part22	10	High	26990	844	16QAM	8.9769	9.9600	PASS
B26 Part22	10	High	26990	844	64QAM	8.9771	9.8164	PASS



REPORT No.: SZ25040205W02

B26 Part22	15	Low	26865	831.5	QPSK	13.459	14.782	PASS
B26 Part22	15	Low	26865	831.5	16QAM	13.493	14.851	PASS
B26 Part22	15	Low	26865	831.5	64QAM	13.473	14.840	PASS
B26 Part22	15	Mid	26915	836.5	QPSK	13.456	14.665	PASS
B26 Part22	15	Mid	26915	836.5	16QAM	13.429	14.944	PASS
B26 Part22	15	Mid	26915	836.5	64QAM	13.454	14.685	PASS
B26 Part22	15	High	26965	841.5	QPSK	13.428	14.581	PASS
B26 Part22	15	High	26965	841.5	16QAM	13.438	14.769	PASS
B26 Part22	15	High	26965	841.5	64QAM	13.415	14.665	PASS



LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B38	5	Low	37775	2572.5	QPSK	4.4982	5.1091	PASS
B38	5	Low	37775	2572.5	16QAM	4.4964	5.0682	PASS
B38	5	Low	37775	2572.5	64QAM	4.4924	5.1159	PASS
B38	5	Mid	38000	2595	QPSK	4.4969	5.1086	PASS
B38	5	Mid	38000	2595	16QAM	4.4915	5.1456	PASS
B38	5	Mid	38000	2595	64QAM	4.5007	5.0574	PASS
B38	5	High	38225	2617.5	QPSK	4.5028	5.1191	PASS
B38	5	High	38225	2617.5	16QAM	4.5090	5.0603	PASS
B38	5	High	38225	2617.5	64QAM	4.4974	5.1598	PASS
B38	10	Low	37800	2575	QPSK	9.0007	9.9946	PASS
B38	10	Low	37800	2575	16QAM	8.9973	10.0409	PASS
B38	10	Low	37800	2575	64QAM	8.9954	10.0418	PASS
B38	10	Mid	38000	2595	QPSK	8.9708	10.2008	PASS
B38	10	Mid	38000	2595	16QAM	8.9787	9.8317	PASS
B38	10	Mid	38000	2595	64QAM	8.9790	9.8482	PASS
B38	10	High	38200	2615	QPSK	8.9930	9.8434	PASS
B38	10	High	38200	2615	16QAM	9.0150	9.9877	PASS
B38	10	High	38200	2615	64QAM	9.0144	10.3505	PASS
B38	15	Low	37825	2577.5	QPSK	13.469	14.647	PASS
B38	15	Low	37825	2577.5	16QAM	13.445	14.799	PASS
B38	15	Low	37825	2577.5	64QAM	13.434	15.232	PASS
B38	15	Mid	38000	2595	QPSK	13.462	15.243	PASS
B38	15	Mid	38000	2595	16QAM	13.449	14.708	PASS
B38	15	Mid	38000	2595	64QAM	13.444	15.190	PASS
B38	15	High	38175	2612.5	QPSK	13.442	15.608	PASS
B38	15	High	38175	2612.5	16QAM	13.449	15.044	PASS
B38	15	High	38175	2612.5	64QAM	13.459	14.884	PASS
B38	20	Low	37850	2580	QPSK	17.963	20.737	PASS
B38	20	Low	37850	2580	16QAM	17.959	19.852	PASS
B38	20	Low	37850	2580	64QAM	17.933	19.476	PASS
B38	20	Mid	38000	2595	QPSK	17.959	20.146	PASS
B38	20	Mid	38000	2595	16QAM	17.940	20.238	PASS
B38	20	Mid	38000	2595	64QAM	17.933	19.373	PASS
B38	20	High	38150	2610	QPSK	17.967	19.470	PASS
B38	20	High	38150	2610	16QAM	17.988	20.437	PASS



REPORT No.: SZ25040205W02

B38	20	High	38150	2610	64QAM	17.958	20.825	PASS
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LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B41	5	Low	39675	2498.5	QPSK	4.4962	5.0539	PASS
B41	5	Low	39675	2498.5	16QAM	4.5096	5.1179	PASS
B41	5	Low	39675	2498.5	64QAM	4.4908	5.1213	PASS
B41	5	Mid	40620	2593	QPSK	4.4988	5.0506	PASS
B41	5	Mid	40620	2593	16QAM	4.5007	5.2122	PASS
B41	5	Mid	40620	2593	64QAM	4.5017	5.0584	PASS
B41	5	High	41565	2687.5	QPSK	4.5016	5.0835	PASS
B41	5	High	41565	2687.5	16QAM	4.4934	5.1861	PASS
B41	5	High	41565	2687.5	64QAM	4.4894	5.1546	PASS
B41	10	Low	39700	2501	QPSK	9.0008	10.3405	PASS
B41	10	Low	39700	2501	16QAM	8.9981	10.2168	PASS
B41	10	Low	39700	2501	64QAM	8.9798	10.0077	PASS
B41	10	Mid	40620	2593	QPSK	8.9826	9.9016	PASS
B41	10	Mid	40620	2593	16QAM	9.0152	10.0474	PASS
B41	10	Mid	40620	2593	64QAM	8.9710	10.4417	PASS
B41	10	High	41540	2685	QPSK	8.9876	9.9216	PASS
B41	10	High	41540	2685	16QAM	8.9618	10.1029	PASS
B41	10	High	41540	2685	64QAM	8.9765	10.5214	PASS
B41	15	Low	39725	2503.5	QPSK	13.453	14.737	PASS
B41	15	Low	39725	2503.5	16QAM	13.461	14.714	PASS
B41	15	Low	39725	2503.5	64QAM	13.475	15.106	PASS
B41	15	Mid	40620	2593	QPSK	13.475	14.721	PASS
B41	15	Mid	40620	2593	16QAM	13.462	14.624	PASS
B41	15	Mid	40620	2593	64QAM	13.458	15.640	PASS
B41	15	High	41515	2682.5	QPSK	13.451	14.887	PASS
B41	15	High	41515	2682.5	16QAM	13.442	14.708	PASS
B41	15	High	41515	2682.5	64QAM	13.487	14.652	PASS
B41	20	Low	39750	2506	QPSK	17.966	19.524	PASS
B41	20	Low	39750	2506	16QAM	17.958	19.883	PASS
B41	20	Low	39750	2506	64QAM	17.932	19.708	PASS
B41	20	Mid	40620	2593	QPSK	17.915	19.690	PASS
B41	20	Mid	40620	2593	16QAM	17.945	20.163	PASS
B41	20	Mid	40620	2593	64QAM	17.947	20.142	PASS
B41	20	High	41490	2680	QPSK	17.956	19.319	PASS
B41	20	High	41490	2680	16QAM	17.933	19.718	PASS



REPORT No.: SZ25040205W02

B41	20	High	41490	2680	64QAM	17.947	20.303	PASS
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