



REPORT No.: SZ24050196W06

TEST REPORT

APPLICANT : POCKETALK CORPORATION

PRODUCT NAME : POCKETALK S2 Plus

MODEL NAME : PTS2P

BRAND NAME : POCKETALK

FCC ID : 2BGXA-PTS2P

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

RECEIPT DATE : 2024-05-29

TEST DATE : 2024-06-04 to 2024-07-18

ISSUE DATE : 2024-08-12



Edited by:

Peng Mi

Peng Mi (Rapporteur)

Approved by:

Shen Junsheng

Shen Junsheng (Supervisor)

NOTE: This document is issued by Shenzhen Morlab Communications Technology Co., Ltd., the test report shall not be reproduced except in full without prior written permission of the company. The test results apply only to the particular sample(s) tested and to the specific tests carried out which is available on request for validation and information confirmed at our website.

MORLAB

Shenzhen Morlab Communications Technology Co., Ltd.
FL.1-3, Building A, FeiYang Science Park, No.8 LongChang Road,
Block67, BaoAn District, ShenZhen, Guangdong Province, P. R. China

Tel: 86-755-36698555

Http://www.morlab.cn

Fax: 86-755-36698525

E-mail: service@morlab.cn





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	9
1.5. Environmental Conditions	10
2. 47 CFR Part 2, Part 22H, Part 24E, Part 27 D&F&H&L&M Requirements	11
2.1. Transmitter Conducted Output Power and E.R.P./E.I.R.P.	11
2.2. Occupied Bandwidth	123
2.3. Frequency Stability	227
2.4. Peak to Average Ratio	236
2.5. Conducted Spurious Emissions	270
2.6. Band Edge	308
2.7. Radiated Spurious Emissions	353
Annex A Test Uncertainty	403
Annex B Testing Laboratory Information	404

Change History		
Version	Date	Reason for change
1.0	2024-08-12	First edition



1. Technical Information

Note: Provide by applicant.

1.1. Applicant and Manufacturer Information

Applicant:	POCKETALK CORPORATION
Applicant Address:	4F Hamamatsucho PREX, 2-2-12 Shiba, Minato-ku, Tokyo 105-0014, Japan
Manufacturer:	JENESIS (SHEN ZHEN) CO., LTD.
Manufacturer Address:	6th Floor, Building A, No.2 Luozhu Industrial Avenue, Luozhu Community, Shiyan Street, Bao'an District, Shenzhen City, Guangdong Province.

1.2. Equipment Under Test (EUT) Description

Product Name:	POCKETALK S2 Plus	
Sample No.:	7#	
Hardware Version:	V1.0	
Software Version:	V1.0.5	
Modulation Type:	QPSK, 16QAM, 64QAM	
Operation Band:	Band 2 / 4 / 5 / 7 / 12 / 13 / 17 / 18 / 19 / 25 / 26 / 38 / 40 / 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 17	Tx: 704MHz–716MHz
		Rx: 734MHz–746MHz



Frequency Range:	LTE Band 18	Tx: 824MHz–830MHz
		Rx: 869MHz–875MHz
	LTE Band 19	Tx: 830MHz–845MHz
		Rx: 875MHz–890MHz
	LTE Band 25	Tx: 1850MHz–1915MHz
		Rx: 1930MHz–1995MHz
	LTE Band 26	Tx: 824MHz–849MHz
		Rx: 869MHz–894MHz
	LTE Band 38	Tx: 2570MHz–2620MHz
		Rx: 2570MHz–2620MHz
Channel Bandwidth:	LTE Band 40 Block A	Tx: 2305MHz–2315MHz
		Rx: 2305MHz–2315MHz
	LTE Band 40 Block B	Tx: 2350MHz–2360MHz
		Rx: 2350MHz–2360MHz
	LTE Band 41	Tx: 2535MHz–2655MHz
		Rx: 2535MHz–2655MHz
	LTE Band 2	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
	LTE Band 4	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
	LTE Band 5	1.4MHz, 3MHz, 5MHz, 10MHz
	LTE Band 7	5 MHz, 10MHz, 15MHz, 20MHz
	LTE Band 12	1.4MHz, 3 MHz, 5 MHz, 10MHz
	LTE Band 13	5 MHz, 10MHz
	LTE Band 17	5 MHz, 10MHz
	LTE Band 18	5 MHz
	LTE Band 19	5 MHz, 10MHz, 15MHz
Antenna Type:	PIFA Internal Antenna	
Antenna Gain:	LTE Band 2	2.04dBi
	LTE Band 4	2.36dBi
	LTE Band 5	0.78dBi
	LTE Band 7	1.97dBi
	LTE Band 12	-1.61dBi
	LTE Band 13	0.60dBi



Antenna Gain:	LTE Band 17	-1.61dBi
	LTE Band 18	0.48dBi
	LTE Band 19	0.78dBi
	LTE Band 25	2.04dBi
	LTE Band 26	0.78dBi
	LTE Band 38	2.55dBi
	LTE Band 40	1.06dBi
	LTE Band 41	2.55dBi
Accessory Information:	Battery	
	Brand Name:	N/A
	Model No.:	PT305070
	Serial No.:	N/A
	Capacity:	1550mAh
	Rated Voltage:	3.8V
	Charge Limit:	4.35V
	Manufacturer:	Guangdong Pow-Tech New Power Co., Ltd.
	AC Adapter 1	
	Brand Name:	FLYPOWER
	Model No.:	PS06CA050K1000UU
	Serial No.:	N/A
	Rated Output:	5V=1A
	Rated Input:	100-240V~50/60Hz, 0.25A
	Manufacturer:	Shenzhen Flypower Technology Co., Ltd.
	AC Adapter 2	
	Brand Name:	FLYPOWER
	Model No.:	PS06CA050K1000JU
	Serial No.:	N/A
	Rated Output:	5V=1A
	Rated Input:	100-240V~50/60Hz, 0.25A
	Manufacturer:	Shenzhen Flypower Technology Co., Ltd.
	USB Cable	
	Model No.:	N/A
	Manufacturer:	Guangdong Pow-Tech New Power Co., Ltd.

Note 1: 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	0.275	0.224	0.178	17M9G7D	17M9W7D	17M9W7D
15	0.272	0.225	0.177	13M4G7D	13M4W7D	13M4W7D
10	0.273	0.224	0.176	8M97G7D	8M94W7D	8M97W7D
5	0.274	0.223	0.177	4M48G7D	4M48W7D	4M49W7D
3	0.272	0.227	0.177	2M69G7D	2M69W7D	2M69W7D
1.4	0.270	0.221	0.182	1M10G7D	1M10W7D	1M10W7D
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	0.242	0.195	0.154	19M0G7D	18M0W7D	18M0W7D
15	0.240	0.195	0.153	14M8G7D	13M7W7D	13M5W7D
10	0.240	0.193	0.155	9M36G7D	9M02W7D	9M00W7D
5	0.239	0.195	0.154	4M55G7D	4M51W7D	4M51W7D
3	0.240	0.198	0.155	2M73G7D	2M71W7D	2M71W7D
1.4	0.239	0.201	0.158	1M12G7D	1M12W7D	1M10W7D
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	0.160	0.131	0.104	8M97G7D	8M95W7D	8M97W7D
5	0.159	0.129	0.104	4M49G7D	4M49W7D	4M49W7D
3	0.160	0.129	0.104	2M69G7D	2M70W7D	2M70W7D
1.4	0.159	0.131	0.106	1M10G7D	1M10W7D	1M10W7D
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	0.243	0.199	0.162	17M9G7D	17M9W7D	17M9W7D
15	0.241	0.204	0.164	13M4G7D	13M5W7D	13M4W7D
10	0.242	0.200	0.161	8M96G7D	8M95W7D	8M97W7D
5	0.243	0.199	0.160	4M48G7D	4M49W7D	4M50W7D
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	0.093	0.076	0.060	8M98G7D	8M95W7D	8M98W7D
5	0.092	0.076	0.061	4M49G7D	4M48W7D	4M49W7D
3	0.093	0.076	0.061	2M69G7D	2M69W7D	2M70W7D
1.4	0.092	0.076	0.060	1M09G7D	1M10W7D	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		0.150	0.123	0.097	8M98G7D	8M97W7D	8M99W7D
5		0.149	0.125	0.098	4M49G7D	4M49W7D	4M50W7D
LTE Band 17		Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10		0.092	0.075	0.060	8M97G7D	8M96W7D	8M97W7D
5		0.091	0.075	0.059	4M49G7D	4M48W7D	4M50W7D
LTE Band 18		Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
5		0.145	0.113	0.086	4M48G7D	4M48W7D	4M49W7D
LTE Band 19		Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
15		0.158	0.130	0.103	13M5G7D	13M4W7D	13M4W7D
10		0.157	0.127	0.103	8M98G7D	8M96W7D	8M97W7D
5		0.157	0.129	0.104	4M48G7D	4M48W7D	4M49W7D
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		0.280	0.224	0.182	17M9G7D	17M9W7D	17M9W7D
15		0.279	0.228	0.178	13M5G7D	13M4W7D	13M4W7D
10		0.277	0.225	0.178	8M97G7D	8M94W7D	8M96W7D
5		0.277	0.226	0.179	4M48G7D	4M48W7D	4M49W7D
3		0.278	0.223	0.177	2M69G7D	2M69W7D	2M70W7D
1.4		0.276	0.224	0.179	1M10G7D	1M10W7D	1M10W7D
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		0.159	0.138	0.103	13M5G7D	13M4W7D	13M4W7D
10		0.164	0.141	0.104	8M97G7D	8M96W7D	8M97W7D
5		0.163	0.140	0.106	4M49G7D	4M48W7D	4M49W7D
3		0.147	0.136	0.102	2M69G7D	2M70W7D	2M70W7D
1.4		0.144	0.122	0.096	1M10G7D	1M10W7D	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		0.368	0.301	0.240	17M9G7D	17M9W7D	17M9W7D
15		0.365	0.303	0.241	13M5G7D	13M4W7D	13M4W7D
10		0.366	0.297	0.238	8M98G7D	8M96W7D	8M97W7D
5		0.366	0.293	0.240	4M49G7D	4M48W7D	4M50W7D



LTE Band 40 Block A	Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10	0.165	0.136	0.108	8M93G7D	8M93W7D	8M95W7D
5	0.162	0.135	0.104	4M48G7D	4M48W7D	4M48W7D
LTE Band 40 Block B	Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10	0.165	0.141	0.108	9M09G7D	8M99W7D	8M97W7D
5	0.165	0.138	0.106	4M59G7D	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	0.375	0.301	0.241	17M9G7D	17M9W7D	17M9W7D
15	0.371	0.300	0.238	13M4G7D	13M4W7D	13M4W7D
10	0.372	0.301	0.237	8M96G7D	8M95W7D	8M97W7D
5	0.370	0.294	0.237	4M49G7D	4M48W7D	4M49W7D



1.4. Test Standards and Results

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

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

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

Section	Description	Test Date	Test Engineer	Result	Method Determination /Remark
2.1046 22.913(a)(2) 24.232(c) 27.50(a)(3) 27.50(b)(10) 27.50(c)(10) 27.50(d)(4) 27.50(h)(2)	Transmitter Conducted Output Power and E.R.P./E.I.R.P.	Jun. 15, 2024	Yu Xiaoming Gan Jing	PASS	No deviation
2.1049	Occupied Bandwidth	Jun. 14, 2024	Gan Jing	PASS	No deviation
2.1055 22.355 24.235 27.54	Frequency Stability	Jun. 14, 2024	Gan Jing	PASS	No deviation
24.232(d), 27.50(d)(5)	Peak to Average Radio	Jun. 14, 2024	Gan Jing	PASS	No deviation
2.1051 22.917(a) 24.238(a) 27.53(a)(4) 27.53(c)(2) 27.53(g) 27.53(h) 27.53(m)(4)	Conducted Spurious Emissions	Jun. 14, 2024	Gan Jing	PASS	No deviation



2.1051 22.917(a) 24.238(a) 27.53(a)(4) 27.53(c)(2) 27.53(g) 27.53(h) 27.53(m)(4)	Band Edge	Jun. 14, 2024	Gan Jing	PASS	No deviation
2.1053 22.917(a) 24.238(a) 27.53(a)(4) 27.53(c)(2) 27.53(g) 27.53(h) 27.53(m)(4)	Radiated Spurious Emissions	Jun. 09, 2024 to Jul. 18, 2024	Li Hanbin	PASS	No deviation

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

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

Note 3: When the test result is a critical value, we will use the measurement uncertainty give the judgment result based on the 95% confidence intervals.

1.5. Environmental Conditions

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

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



2.47 CFR Part 2, Part 22H, Part 24E, Part 27 D&F&H&L&M 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 5/18/19/26, the E.R.P. of mobile transmitters and auxiliary test transmitters must not exceed 7 watts.

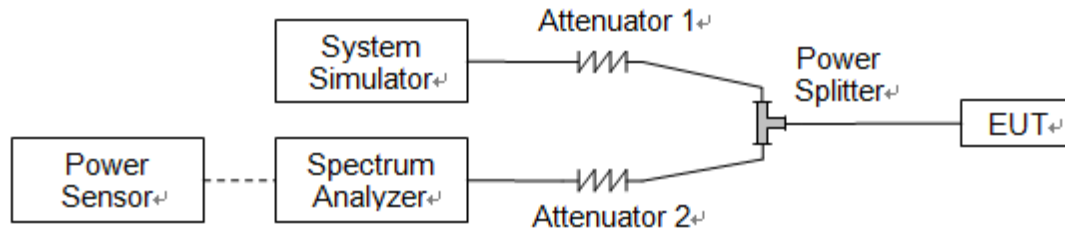
According to FCC section 27.50 (h)(2) for LTE Band 7/38/41, Mobile and other user stations. Mobile stations are limited to 2 watts E.I.R.P. All user stations are limited to 2 watts transmitter output power.

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

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

According to FCC section 27.50 (a)(3) for LTE Band 40, For mobile and portable stations transmitting in the 2305-2315 MHz band or the 2350-2360 MHz band, the average E.I.R.P. must not exceed 50 mill watts within any 1 megahertz of authorized bandwidth

2.1.2. Test Description



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

2.1.3. Test Procedure

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

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

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



2.1.4. Result

Conducted Output Power

LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18700	18900	19100
Frequency (MHz)				1860	1880	1900
20	QPSK	1	0	22.31	22.35	22.28
20	QPSK	1	49	22.27	22.32	22.26
20	QPSK	1	99	22.26	22.22	22.23
20	QPSK	50	0	21.45	21.48	21.44
20	QPSK	50	24	21.24	21.44	21.39
20	QPSK	50	50	21.19	21.33	21.28
20	QPSK	100	0	21.31	21.37	21.34
20	16QAM	1	0	21.38	21.47	21.41
20	16QAM	1	49	21.27	21.28	21.42
20	16QAM	1	99	21.22	21.30	21.33
20	16QAM	50	0	20.36	20.45	20.43
20	16QAM	50	24	20.26	20.27	20.37
20	16QAM	50	50	20.27	20.36	20.29
20	16QAM	100	0	20.29	20.37	20.33
20	64QAM	1	0	20.37	20.46	20.45
20	64QAM	1	49	20.38	20.42	20.40
20	64QAM	1	99	20.27	20.39	20.33
20	64QAM	50	0	19.32	19.43	19.39
20	64QAM	50	24	19.29	19.29	19.31
20	64QAM	50	50	19.33	19.35	19.37
20	64QAM	100	0	19.27	19.32	19.26



LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18675	18900	19125
Frequency (MHz)				1857.5	1880	1902.5
15	QPSK	1	0	22.30	22.31	22.27
15	QPSK	1	37	22.25	22.27	22.24
15	QPSK	1	74	22.23	22.25	22.20
15	QPSK	36	0	21.41	21.45	21.42
15	QPSK	36	20	21.21	21.29	21.41
15	QPSK	36	39	21.24	21.22	21.34
15	QPSK	75	0	21.37	21.39	21.30
15	16QAM	1	0	21.41	21.48	21.32
15	16QAM	1	37	21.43	21.31	21.39
15	16QAM	1	74	21.31	21.45	21.35
15	16QAM	36	0	20.39	20.47	20.45
15	16QAM	36	20	20.37	20.46	20.27
15	16QAM	36	39	20.16	20.34	20.22
15	16QAM	75	0	20.28	20.35	20.19
15	64QAM	1	0	20.30	20.44	20.39
15	64QAM	1	37	20.29	20.24	20.20
15	64QAM	1	74	20.20	20.31	20.28
15	64QAM	36	0	19.42	19.45	19.37
15	64QAM	36	20	19.24	19.43	19.16
15	64QAM	36	39	19.35	19.16	19.17
15	64QAM	75	0	19.27	19.35	19.20



LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18650	18900	19150
Frequency (MHz)				1855	1880	1905
10	QPSK	1	0	22.25	22.32	22.29
10	QPSK	1	25	22.23	22.27	22.26
10	QPSK	1	49	22.16	22.30	22.17
10	QPSK	25	0	21.36	21.45	21.45
10	QPSK	25	12	21.24	21.29	21.32
10	QPSK	25	25	21.22	21.23	21.19
10	QPSK	50	0	21.23	21.40	21.31
10	16QAM	1	0	21.33	21.47	21.39
10	16QAM	1	25	21.32	21.39	21.18
10	16QAM	1	49	21.37	21.26	21.27
10	16QAM	25	0	20.35	20.44	20.39
10	16QAM	25	12	20.18	20.39	20.33
10	16QAM	25	25	20.17	20.30	20.36
10	16QAM	50	0	20.34	20.42	20.27
10	64QAM	1	0	20.39	20.42	20.41
10	64QAM	1	25	20.38	20.34	20.36
10	64QAM	1	49	20.25	20.31	20.22
10	64QAM	25	0	19.25	19.43	19.37
10	64QAM	25	12	19.24	19.23	19.29
10	64QAM	25	25	19.17	19.34	19.22
10	64QAM	50	0	19.15	19.19	19.26



LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18625	18900	19175
Frequency (MHz)				1852.5	1880	1907.5
5	QPSK	1	0	22.22	22.33	22.27
5	QPSK	1	12	22.30	22.28	22.28
5	QPSK	1	24	22.18	22.22	22.20
5	QPSK	12	0	21.37	21.47	21.29
5	QPSK	12	7	21.34	21.44	21.35
5	QPSK	12	13	21.31	21.26	21.19
5	QPSK	25	0	21.22	21.37	21.27
5	16QAM	1	0	21.45	21.45	21.44
5	16QAM	1	12	21.41	21.21	21.26
5	16QAM	1	24	21.37	21.30	21.31
5	16QAM	12	0	20.38	20.42	20.41
5	16QAM	12	7	20.39	20.31	20.37
5	16QAM	12	13	20.25	20.39	20.31
5	16QAM	25	0	20.33	20.34	20.39
5	64QAM	1	0	20.24	20.43	20.37
5	64QAM	1	12	20.20	20.34	20.26
5	64QAM	1	24	20.22	20.37	20.22
5	64QAM	12	0	19.35	19.38	19.36
5	64QAM	12	7	19.20	19.31	19.19
5	64QAM	12	13	19.19	19.27	19.16
5	64QAM	25	0	19.22	19.21	19.20



LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18615	18900	19185
Frequency (MHz)				1851.5	1880	1908.5
3	QPSK	1	0	22.26	22.30	22.25
3	QPSK	1	8	22.16	22.27	22.24
3	QPSK	1	14	22.17	22.26	22.15
3	QPSK	8	0	21.26	21.41	21.40
3	QPSK	8	4	21.35	21.27	21.19
3	QPSK	8	7	21.26	21.29	21.15
3	QPSK	15	0	21.27	21.33	21.20
3	16QAM	1	0	21.30	21.45	21.43
3	16QAM	1	8	21.34	21.38	21.20
3	16QAM	1	14	21.23	21.42	21.52
3	16QAM	8	0	20.25	20.44	20.41
3	16QAM	8	4	20.26	20.19	20.34
3	16QAM	8	7	20.20	20.26	20.33
3	16QAM	15	0	20.22	20.33	20.30
3	64QAM	1	0	20.37	20.43	20.29
3	64QAM	1	8	20.29	20.39	20.30
3	64QAM	1	14	20.30	20.33	20.34
3	64QAM	8	0	19.31	19.36	19.24
3	64QAM	8	4	19.34	19.29	19.44
3	64QAM	8	7	19.20	19.30	19.28
3	64QAM	15	0	19.34	19.36	19.32



LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18607	18900	19193
Frequency (MHz)				1850.7	1880	1909.3
1.4	QPSK	1	0	22.24	22.28	22.19
1.4	QPSK	1	3	22.19	22.23	22.15
1.4	QPSK	1	5	22.16	22.19	22.21
1.4	QPSK	3	0	21.38	21.40	21.33
1.4	QPSK	3	1	21.31	21.24	21.35
1.4	QPSK	3	3	21.14	21.13	21.33
1.4	QPSK	6	0	21.14	21.29	21.28
1.4	16QAM	1	0	21.31	21.41	21.26
1.4	16QAM	1	3	21.30	21.32	21.25
1.4	16QAM	1	5	21.27	21.26	21.33
1.4	16QAM	3	0	20.26	20.23	20.20
1.4	16QAM	3	1	20.38	20.29	20.35
1.4	16QAM	3	3	20.17	20.18	20.35
1.4	16QAM	6	0	20.17	20.36	20.24
1.4	64QAM	1	0	20.55	20.41	20.45
1.4	64QAM	1	3	20.37	20.45	20.33
1.4	64QAM	1	5	20.18	20.49	20.43
1.4	64QAM	3	0	19.24	19.38	19.18
1.4	64QAM	3	1	19.30	19.27	19.41
1.4	64QAM	3	3	19.04	19.30	19.29
1.4	64QAM	6	0	19.29	19.38	19.39



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	21.45	21.47	21.41
20	QPSK	1	49	21.31	21.44	21.35
20	QPSK	1	99	21.42	21.31	21.30
20	QPSK	50	0	20.39	20.49	20.45
20	QPSK	50	24	20.42	20.41	20.40
20	QPSK	50	50	20.34	20.35	20.38
20	QPSK	100	0	20.38	20.47	20.43
20	16QAM	1	0	20.52	20.55	20.44
20	16QAM	1	49	20.37	20.36	20.42
20	16QAM	1	99	20.40	20.30	20.38
20	16QAM	50	0	19.39	19.50	19.48
20	16QAM	50	24	19.45	19.35	19.35
20	16QAM	50	50	19.46	19.42	19.42
20	16QAM	100	0	19.31	19.39	19.37
20	64QAM	1	0	19.38	19.52	19.50
20	64QAM	1	49	19.33	19.47	19.42
20	64QAM	1	99	19.34	19.43	19.37
20	64QAM	50	0	18.32	18.48	18.43
20	64QAM	50	24	18.42	18.32	18.38
20	64QAM	50	50	18.34	18.36	18.39
20	64QAM	100	0	18.39	18.42	18.31



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	21.41	21.44	21.35
15	QPSK	1	37	21.38	21.32	21.36
15	QPSK	1	74	21.23	21.39	21.18
15	QPSK	36	0	20.47	20.55	20.39
15	QPSK	36	20	20.32	20.49	20.50
15	QPSK	36	39	20.39	20.42	20.21
15	QPSK	75	0	20.25	20.29	20.42
15	16QAM	1	0	20.41	20.54	20.45
15	16QAM	1	37	20.38	20.53	20.48
15	16QAM	1	74	20.32	20.50	20.40
15	16QAM	36	0	19.43	19.51	19.45
15	16QAM	36	20	19.28	19.35	19.45
15	16QAM	36	39	19.38	19.41	19.26
15	16QAM	75	0	19.31	19.40	19.45
15	64QAM	1	0	19.49	19.50	19.44
15	64QAM	1	37	19.31	19.36	19.47
15	64QAM	1	74	19.47	19.39	19.33
15	64QAM	36	0	18.48	18.52	18.44
15	64QAM	36	20	18.45	18.32	18.49
15	64QAM	36	39	18.37	18.43	18.43
15	64QAM	75	0	18.26	18.50	18.32



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	21.44	21.45	21.39
10	QPSK	1	25	21.35	21.29	21.35
10	QPSK	1	49	21.42	21.26	21.27
10	QPSK	25	0	20.39	20.53	20.51
10	QPSK	25	12	20.50	20.46	20.33
10	QPSK	25	25	20.32	20.39	20.42
10	QPSK	50	0	20.37	20.54	20.52
10	16QAM	1	0	20.42	20.49	20.44
10	16QAM	1	25	20.30	20.41	20.39
10	16QAM	1	49	20.21	20.40	20.25
10	16QAM	25	0	19.47	19.55	19.41
10	16QAM	25	12	19.50	19.29	19.39
10	16QAM	25	25	19.43	19.36	19.44
10	16QAM	50	0	19.29	19.50	19.48
10	64QAM	1	0	19.54	19.45	19.54
10	64QAM	1	25	19.47	19.38	19.53
10	64QAM	1	49	19.37	19.44	19.43
10	64QAM	25	0	18.32	18.51	18.38
10	64QAM	25	12	18.50	18.43	18.44
10	64QAM	25	25	18.41	18.49	18.37
10	64QAM	50	0	18.31	18.51	18.45



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	21.35	21.42	21.40
5	QPSK	1	12	21.27	21.32	21.31
5	QPSK	1	24	21.33	21.32	21.33
5	QPSK	12	0	20.50	20.54	20.36
5	QPSK	12	7	20.36	20.58	20.43
5	QPSK	12	13	20.44	20.51	20.24
5	QPSK	25	0	20.45	20.48	20.53
5	16QAM	1	0	20.38	20.53	20.47
5	16QAM	1	12	20.43	20.29	20.43
5	16QAM	1	24	20.27	20.25	20.41
5	16QAM	12	0	19.40	19.53	19.48
5	16QAM	12	7	19.27	19.51	19.41
5	16QAM	12	13	19.22	19.39	19.44
5	16QAM	25	0	19.29	19.43	19.29
5	64QAM	1	0	19.46	19.51	19.44
5	64QAM	1	12	19.39	19.47	19.47
5	64QAM	1	24	19.32	19.50	19.28
5	64QAM	12	0	18.53	18.53	18.33
5	64QAM	12	7	18.52	18.29	18.31
5	64QAM	12	13	18.36	18.59	18.46
5	64QAM	25	0	18.46	18.51	18.52



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	21.41	21.44	21.39
3	QPSK	1	8	21.29	21.37	21.27
3	QPSK	1	14	21.40	21.30	21.43
3	QPSK	8	0	20.39	20.53	20.55
3	QPSK	8	4	20.32	20.39	20.49
3	QPSK	8	7	20.33	20.38	20.38
3	QPSK	15	0	20.47	20.57	20.30
3	16QAM	1	0	20.33	20.54	20.61
3	16QAM	1	8	20.37	20.45	20.52
3	16QAM	1	14	20.47	20.25	20.25
3	16QAM	8	0	19.40	19.50	19.49
3	16QAM	8	4	19.44	19.33	19.42
3	16QAM	8	7	19.51	19.51	19.54
3	16QAM	15	0	19.41	19.57	19.55
3	64QAM	1	0	19.52	19.53	19.48
3	64QAM	1	8	19.32	19.49	19.49
3	64QAM	1	14	19.29	19.45	19.42
3	64QAM	8	0	18.42	18.49	18.45
3	64QAM	8	4	18.40	18.23	18.43
3	64QAM	8	7	18.46	18.37	18.47
3	64QAM	15	0	18.39	18.39	18.38



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	21.34	21.43	21.35
1.4	QPSK	1	3	21.33	21.36	21.21
1.4	QPSK	1	5	21.24	21.20	21.29
1.4	QPSK	3	0	20.49	20.56	20.54
1.4	QPSK	3	1	20.22	20.55	20.32
1.4	QPSK	3	3	20.31	20.44	20.50
1.4	QPSK	6	0	20.38	20.54	20.42
1.4	16QAM	1	0	20.41	20.66	20.67
1.4	16QAM	1	3	20.51	20.31	20.43
1.4	16QAM	1	5	20.28	20.46	20.57
1.4	16QAM	3	0	19.63	19.46	19.35
1.4	16QAM	3	1	19.46	19.26	19.32
1.4	16QAM	3	3	19.38	19.60	19.26
1.4	16QAM	6	0	19.37	19.42	19.30
1.4	64QAM	1	0	19.36	19.48	19.41
1.4	64QAM	1	3	19.35	19.40	19.56
1.4	64QAM	1	5	19.26	19.63	19.54
1.4	64QAM	3	0	18.40	18.57	18.66
1.4	64QAM	3	1	18.42	18.38	18.28
1.4	64QAM	3	3	18.43	18.45	18.39
1.4	64QAM	6	0	18.22	18.35	18.26



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	23.35	23.42	23.40
10	QPSK	1	25	23.30	23.37	23.28
10	QPSK	1	49	23.27	23.36	23.33
10	QPSK	25	0	22.41	22.48	22.46
10	QPSK	25	12	22.26	22.44	22.40
10	QPSK	25	25	22.20	22.41	22.37
10	QPSK	50	0	22.35	22.39	22.42
10	16QAM	1	0	22.42	22.53	22.51
10	16QAM	1	25	22.38	22.35	22.46
10	16QAM	1	49	22.31	22.47	22.36
10	16QAM	25	0	21.39	21.49	21.46
10	16QAM	25	12	21.37	21.48	21.41
10	16QAM	25	25	21.45	21.33	21.39
10	16QAM	50	0	21.40	21.41	21.35
10	64QAM	1	0	21.45	21.52	21.49
10	64QAM	1	25	21.41	21.44	21.51
10	64QAM	1	49	21.43	21.43	21.47
10	64QAM	25	0	20.42	20.52	20.43
10	64QAM	25	12	20.27	20.44	20.45
10	64QAM	25	25	20.31	20.28	20.42
10	64QAM	50	0	20.42	20.46	20.35



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	23.34	23.38	23.35
5	QPSK	1	12	23.31	23.33	23.27
5	QPSK	1	24	23.27	23.32	23.24
5	QPSK	12	0	22.39	22.50	22.44
5	QPSK	12	7	22.29	22.49	22.30
5	QPSK	12	13	22.25	22.27	22.37
5	QPSK	25	0	22.30	22.44	22.39
5	16QAM	1	0	22.42	22.48	22.47
5	16QAM	1	12	22.32	22.26	22.44
5	16QAM	1	24	22.26	22.33	22.45
5	16QAM	12	0	21.33	21.51	21.41
5	16QAM	12	7	21.37	21.33	21.43
5	16QAM	12	13	21.47	21.46	21.41
5	16QAM	25	0	21.42	21.47	21.39
5	64QAM	1	0	21.50	21.54	21.49
5	64QAM	1	12	21.33	21.35	21.48
5	64QAM	1	24	21.35	21.37	21.31
5	64QAM	12	0	20.47	20.55	20.40
5	64QAM	12	7	20.44	20.53	20.29
5	64QAM	12	13	20.48	20.52	20.41
5	64QAM	25	0	20.43	20.54	20.45



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	23.35	23.40	23.38
3	QPSK	1	8	23.17	23.25	23.33
3	QPSK	1	14	23.26	23.36	23.30
3	QPSK	8	0	22.47	22.51	22.47
3	QPSK	8	4	22.31	22.43	22.35
3	QPSK	8	7	22.34	22.30	22.41
3	QPSK	15	0	22.48	22.50	22.47
3	16QAM	1	0	22.43	22.49	22.47
3	16QAM	1	8	22.33	22.41	22.48
3	16QAM	1	14	22.25	22.47	22.43
3	16QAM	8	0	21.48	21.54	21.51
3	16QAM	8	4	21.31	21.28	21.37
3	16QAM	8	7	21.47	21.28	21.36
3	16QAM	15	0	21.30	21.35	21.45
3	64QAM	1	0	21.47	21.52	21.48
3	64QAM	1	8	21.37	21.49	21.39
3	64QAM	1	14	21.46	21.48	21.42
3	64QAM	8	0	20.27	20.49	20.46
3	64QAM	8	4	20.35	20.26	20.21
3	64QAM	8	7	20.44	20.58	20.50
3	64QAM	15	0	20.24	20.29	20.36



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	23.37	23.39	23.33
1.4	QPSK	1	3	23.32	23.32	23.29
1.4	QPSK	1	5	23.22	23.34	23.37
1.4	QPSK	3	0	22.52	22.56	22.51
1.4	QPSK	3	1	22.33	22.55	22.39
1.4	QPSK	3	3	22.24	22.44	22.45
1.4	QPSK	6	0	22.31	22.47	22.44
1.4	16QAM	1	0	22.53	22.54	22.51
1.4	16QAM	1	3	22.35	22.21	22.46
1.4	16QAM	1	5	22.44	22.45	22.34
1.4	16QAM	3	0	21.47	21.48	21.45
1.4	16QAM	3	1	21.29	21.39	21.41
1.4	16QAM	3	3	21.38	21.42	21.45
1.4	16QAM	6	0	21.42	21.46	21.38
1.4	64QAM	1	0	21.35	21.44	21.50
1.4	64QAM	1	3	21.61	21.51	21.64
1.4	64QAM	1	5	21.32	21.30	21.35
1.4	64QAM	3	0	20.51	20.41	20.32
1.4	64QAM	3	1	20.50	20.32	20.36
1.4	64QAM	3	3	20.41	20.58	20.49
1.4	64QAM	6	0	20.39	20.47	20.35



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	21.85	21.89	21.83
20	QPSK	1	49	21.69	21.86	21.81
20	QPSK	1	99	21.74	21.75	21.76
20	QPSK	50	0	20.89	20.97	20.92
20	QPSK	50	24	20.92	20.88	20.91
20	QPSK	50	50	20.69	20.85	20.69
20	QPSK	100	0	20.94	20.95	20.86
20	16QAM	1	0	21.00	21.01	20.96
20	16QAM	1	49	20.80	20.82	20.99
20	16QAM	1	99	20.82	20.77	20.86
20	16QAM	50	0	19.99	19.98	19.97
20	16QAM	50	24	19.86	19.93	20.01
20	16QAM	50	50	19.86	20.04	19.96
20	16QAM	100	0	19.79	19.96	19.89
20	64QAM	1	0	20.11	20.13	20.09
20	64QAM	1	49	20.12	20.06	19.86
20	64QAM	1	99	19.87	20.00	19.94
20	64QAM	50	0	19.06	19.12	18.89
20	64QAM	50	24	18.81	18.96	18.83
20	64QAM	50	50	18.96	19.00	19.00
20	64QAM	100	0	18.77	18.85	18.86



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	21.79	21.85	21.83
15	QPSK	1	37	21.75	21.77	21.73
15	QPSK	1	74	21.67	21.83	21.69
15	QPSK	36	0	20.86	21.05	21.11
15	QPSK	36	20	20.81	21.11	21.06
15	QPSK	36	39	20.86	21.04	20.75
15	QPSK	75	0	20.99	21.09	20.85
15	16QAM	1	0	20.98	21.03	21.12
15	16QAM	1	37	20.92	20.87	20.99
15	16QAM	1	74	20.79	20.92	20.97
15	16QAM	36	0	19.91	20.00	19.91
15	16QAM	36	20	19.98	19.70	19.82
15	16QAM	36	39	19.86	19.96	19.75
15	16QAM	75	0	19.84	20.11	19.94
15	64QAM	1	0	19.87	20.17	20.01
15	64QAM	1	37	19.99	20.03	19.96
15	64QAM	1	74	19.96	19.87	19.89
15	64QAM	36	0	18.75	19.07	19.00
15	64QAM	36	20	18.95	18.99	18.88
15	64QAM	36	39	18.78	19.04	19.01
15	64QAM	75	0	19.01	18.91	18.92



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	21.81	21.86	21.77
10	QPSK	1	25	21.71	21.79	21.79
10	QPSK	1	49	21.66	21.77	21.70
10	QPSK	25	0	20.88	21.01	20.95
10	QPSK	25	12	20.95	20.85	20.93
10	QPSK	25	25	20.81	20.90	20.83
10	QPSK	50	0	20.76	21.00	20.73
10	16QAM	1	0	20.98	21.00	21.03
10	16QAM	1	25	20.99	20.94	20.81
10	16QAM	1	49	20.85	20.85	20.86
10	16QAM	25	0	20.00	19.97	19.95
10	16QAM	25	12	19.94	19.90	19.93
10	16QAM	25	25	19.93	20.02	19.90
10	16QAM	50	0	19.90	19.89	19.75
10	64QAM	1	0	19.87	20.03	20.07
10	64QAM	1	25	19.95	19.97	19.81
10	64QAM	1	49	19.89	20.11	19.90
10	64QAM	25	0	18.80	19.04	19.08
10	64QAM	25	12	18.99	18.94	18.88
10	64QAM	25	25	18.80	18.98	19.07
10	64QAM	50	0	18.88	18.95	18.90



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	21.85	21.88	21.79
5	QPSK	1	12	21.80	21.76	21.67
5	QPSK	1	24	21.76	21.69	21.83
5	QPSK	12	0	20.93	20.97	21.00
5	QPSK	12	7	20.85	20.86	20.92
5	QPSK	12	13	20.87	21.00	20.77
5	QPSK	25	0	20.74	20.78	20.95
5	16QAM	1	0	20.88	20.97	20.97
5	16QAM	1	12	20.73	21.02	20.93
5	16QAM	1	24	20.69	20.91	20.95
5	16QAM	12	0	19.92	20.05	19.93
5	16QAM	12	7	19.86	19.70	19.86
5	16QAM	12	13	19.88	19.91	19.92
5	16QAM	25	0	19.90	19.98	20.04
5	64QAM	1	0	20.06	20.04	19.93
5	64QAM	1	12	19.92	19.87	20.01
5	64QAM	1	24	19.89	19.93	19.94
5	64QAM	12	0	18.88	18.97	18.94
5	64QAM	12	7	18.84	18.95	18.95
5	64QAM	12	13	18.87	19.01	18.91
5	64QAM	25	0	19.00	18.81	18.75



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	23.42	23.45	23.39
10	QPSK	1	25	23.37	23.34	23.43
10	QPSK	1	49	23.24	23.25	23.22
10	QPSK	25	0	22.47	22.50	22.45
10	QPSK	25	12	22.34	22.46	22.47
10	QPSK	25	25	22.35	22.34	22.29
10	QPSK	50	0	22.40	22.48	22.37
10	16QAM	1	0	22.37	22.56	22.48
10	16QAM	1	25	22.47	22.46	22.35
10	16QAM	1	49	22.32	22.51	22.35
10	16QAM	25	0	21.40	21.53	21.48
10	16QAM	25	12	21.41	21.35	21.41
10	16QAM	25	25	21.33	21.47	21.26
10	16QAM	50	0	21.39	21.52	21.44
10	64QAM	1	0	21.51	21.53	21.51
10	64QAM	1	25	21.47	21.48	21.38
10	64QAM	1	49	21.34	21.31	21.49
10	64QAM	25	0	20.41	20.49	20.52
10	64QAM	25	12	20.46	20.50	20.35
10	64QAM	25	25	20.51	20.53	20.33
10	64QAM	50	0	20.32	20.47	20.41



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	23.40	23.42	23.37
5	QPSK	1	12	23.31	23.32	23.33
5	QPSK	1	24	23.28	23.36	23.19
5	QPSK	12	0	22.46	22.55	22.39
5	QPSK	12	7	22.41	22.49	22.42
5	QPSK	12	13	22.38	22.31	22.43
5	QPSK	25	0	22.37	22.47	22.37
5	16QAM	1	0	22.50	22.52	22.44
5	16QAM	1	12	22.29	22.46	22.56
5	16QAM	1	24	22.36	22.49	22.40
5	16QAM	12	0	21.56	21.61	21.48
5	16QAM	12	7	21.29	21.33	21.55
5	16QAM	12	13	21.33	21.57	21.46
5	16QAM	25	0	21.51	21.49	21.38
5	64QAM	1	0	21.61	21.59	21.37
5	64QAM	1	12	21.40	21.55	21.40
5	64QAM	1	24	21.32	21.38	21.35
5	64QAM	12	0	20.32	20.55	20.41
5	64QAM	12	7	20.35	20.38	20.34
5	64QAM	12	13	20.55	20.43	20.30
5	64QAM	25	0	20.35	20.28	20.49



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	23.35	23.43	23.37
3	QPSK	1	8	23.22	23.36	23.35
3	QPSK	1	14	23.27	23.28	23.23
3	QPSK	8	0	22.51	22.48	22.45
3	QPSK	8	4	22.32	22.36	22.38
3	QPSK	8	7	22.35	22.33	22.31
3	QPSK	15	0	22.50	22.36	22.55
3	16QAM	1	0	22.34	22.57	22.33
3	16QAM	1	8	22.48	22.20	22.47
3	16QAM	1	14	22.37	22.50	22.46
3	16QAM	8	0	21.43	21.42	21.40
3	16QAM	8	4	21.40	21.23	21.47
3	16QAM	8	7	21.42	21.32	21.29
3	16QAM	15	0	21.56	21.60	21.60
3	64QAM	1	0	21.57	21.50	21.64
3	64QAM	1	8	21.43	21.40	21.49
3	64QAM	1	14	21.35	21.52	21.53
3	64QAM	8	0	20.33	20.45	20.37
3	64QAM	8	4	20.52	20.36	20.51
3	64QAM	8	7	20.59	20.43	20.58
3	64QAM	15	0	20.20	20.35	20.24



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				23017	23095	23173
Frequency (MHz)				699.7	707.5	715.3
1.4	QPSK	1	0	23.38	23.41	23.34
1.4	QPSK	1	3	23.22	23.29	23.29
1.4	QPSK	1	5	23.29	23.26	23.25
1.4	QPSK	3	0	22.47	22.55	22.39
1.4	QPSK	3	1	22.42	22.51	22.46
1.4	QPSK	3	3	22.26	22.42	22.42
1.4	QPSK	6	0	22.32	22.41	22.43
1.4	16QAM	1	0	22.51	22.53	22.55
1.4	16QAM	1	3	22.49	22.42	22.49
1.4	16QAM	1	5	22.36	22.40	22.48
1.4	16QAM	3	0	21.37	21.52	21.50
1.4	16QAM	3	1	21.38	21.40	21.42
1.4	16QAM	3	3	21.42	21.36	21.24
1.4	16QAM	6	0	21.48	21.41	21.45
1.4	64QAM	1	0	21.44	21.53	21.51
1.4	64QAM	1	3	21.30	21.52	21.50
1.4	64QAM	1	5	21.19	21.52	21.28
1.4	64QAM	3	0	20.45	20.40	20.53
1.4	64QAM	3	1	20.28	20.50	20.46
1.4	64QAM	3	3	20.41	20.56	20.44
1.4	64QAM	6	0	20.43	20.43	20.39



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	/	23.31	/
10	QPSK	1	25	/	23.25	/
10	QPSK	1	49	/	23.18	/
10	QPSK	25	0	/	22.47	/
10	QPSK	25	12	/	22.31	/
10	QPSK	25	25	/	22.26	/
10	QPSK	50	0	/	22.39	/
10	16QAM	1	0	/	22.45	/
10	16QAM	1	25	/	22.38	/
10	16QAM	1	49	/	22.32	/
10	16QAM	25	0	/	21.46	/
10	16QAM	25	12	/	21.34	/
10	16QAM	25	25	/	21.29	/
10	16QAM	50	0	/	21.33	/
10	64QAM	1	0	/	21.44	/
10	64QAM	1	25	/	21.37	/
10	64QAM	1	49	/	21.28	/
10	64QAM	25	0	/	20.48	/
10	64QAM	25	12	/	20.44	/
10	64QAM	25	25	/	20.31	/
10	64QAM	50	0	/	20.36	/



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	23.19	23.28	23.25
5	QPSK	1	12	23.14	23.19	23.14
5	QPSK	1	24	23.17	23.12	23.15
5	QPSK	12	0	22.31	22.44	22.35
5	QPSK	12	7	22.25	22.26	22.41
5	QPSK	12	13	22.18	22.19	22.21
5	QPSK	25	0	22.09	22.24	22.33
5	16QAM	1	0	22.38	22.53	22.50
5	16QAM	1	12	22.35	22.30	22.47
5	16QAM	1	24	22.29	22.39	22.32
5	16QAM	12	0	21.38	21.49	21.41
5	16QAM	12	7	21.45	21.34	21.24
5	16QAM	12	13	21.29	21.42	21.25
5	16QAM	25	0	21.29	21.44	21.30
5	64QAM	1	0	21.46	21.47	21.27
5	64QAM	1	12	21.40	21.34	21.17
5	64QAM	1	24	21.21	21.43	21.18
5	64QAM	12	0	20.18	20.37	20.44
5	64QAM	12	7	20.32	20.22	20.30
5	64QAM	12	13	20.35	20.34	20.40
5	64QAM	25	0	20.19	20.26	20.22



LTE Band 17						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23780	23790	23800
Frequency (MHz)				709	710	711
10	QPSK	1	0	23.37	23.40	23.32
10	QPSK	1	25	23.27	23.29	23.31
10	QPSK	1	49	23.26	23.33	23.28
10	QPSK	25	0	22.41	22.48	22.40
10	QPSK	25	12	22.38	22.32	22.46
10	QPSK	25	25	22.19	22.36	22.41
10	QPSK	50	0	22.41	22.39	22.32
10	16QAM	1	0	22.46	22.49	22.27
10	16QAM	1	25	22.37	22.30	22.32
10	16QAM	1	49	22.29	22.50	22.45
10	16QAM	25	0	21.23	21.46	21.29
10	16QAM	25	12	21.28	21.29	21.34
10	16QAM	25	25	21.36	21.33	21.33
10	16QAM	50	0	21.39	21.44	21.40
10	64QAM	1	0	21.38	21.51	21.45
10	64QAM	1	25	21.49	21.47	21.27
10	64QAM	1	49	21.35	21.41	21.39
10	64QAM	25	0	20.33	20.50	20.28
10	64QAM	25	12	20.46	20.43	20.42
10	64QAM	25	25	20.41	20.36	20.44
10	64QAM	50	0	20.43	20.47	20.43



LTE Band 17						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23755	23790	23825
Frequency (MHz)				706.5	710	713.5
5	QPSK	1	0	23.30	23.36	23.27
5	QPSK	1	12	23.19	23.32	23.31
5	QPSK	1	24	23.23	23.21	23.19
5	QPSK	12	0	22.44	22.47	22.41
5	QPSK	12	7	22.29	22.34	22.35
5	QPSK	12	13	22.28	22.28	22.40
5	QPSK	25	0	22.43	22.45	22.36
5	16QAM	1	0	22.43	22.50	22.39
5	16QAM	1	12	22.36	22.31	22.42
5	16QAM	1	24	22.22	22.26	22.26
5	16QAM	12	0	21.39	21.49	21.44
5	16QAM	12	7	21.20	21.39	21.48
5	16QAM	12	13	21.46	21.22	21.27
5	16QAM	25	0	21.35	21.44	21.43
5	64QAM	1	0	21.24	21.47	21.48
5	64QAM	1	12	21.42	21.41	21.40
5	64QAM	1	24	21.46	21.48	21.36
5	64QAM	12	0	20.22	20.51	20.24
5	64QAM	12	7	20.35	20.43	20.37
5	64QAM	12	13	20.44	20.29	20.22
5	64QAM	25	0	20.32	20.42	20.33



LTE Band 18						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23965	23970	23975
Frequency (MHz)				826.5	827	827.5
5	QPSK	1	0	23.01	22.84	22.65
5	QPSK	1	12	23.22	23.27	23.19
5	QPSK	1	24	23.00	22.75	22.81
5	QPSK	12	0	22.14	22.07	22.18
5	QPSK	12	7	22.26	22.28	22.24
5	QPSK	12	13	22.19	22.18	22.19
5	QPSK	25	0	22.24	22.22	22.25
5	16QAM	1	0	22.17	21.96	21.96
5	16QAM	1	12	22.48	22.12	22.13
5	16QAM	1	24	22.19	22.10	22.10
5	16QAM	12	0	21.16	21.17	21.16
5	16QAM	12	7	21.15	21.21	21.23
5	16QAM	12	13	21.14	21.15	21.16
5	16QAM	25	0	21.17	21.17	21.00
5	64QAM	1	0	21.11	20.65	20.60
5	64QAM	1	12	21.36	20.78	20.83
5	64QAM	1	24	21.05	20.59	20.60
5	64QAM	12	0	20.19	20.19	20.18
5	64QAM	12	7	20.29	20.25	20.29
5	64QAM	12	13	20.25	20.14	20.21
5	64QAM	25	0	20.17	20.17	20.18



LTE Band 19						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				/	24075	/
Frequency (MHz)				/	837.5	/
15	QPSK	1	0	/	23.37	/
15	QPSK	1	37	/	23.25	/
15	QPSK	1	74	/	23.10	/
15	QPSK	36	0	/	22.48	/
15	QPSK	36	20	/	22.45	/
15	QPSK	36	39	/	22.38	/
15	QPSK	75	0	/	22.48	/
15	16QAM	1	0	/	22.52	/
15	16QAM	1	37	/	22.29	/
15	16QAM	1	74	/	22.27	/
15	16QAM	36	0	/	21.52	/
15	16QAM	36	20	/	21.37	/
15	16QAM	36	39	/	21.39	/
15	16QAM	75	0	/	21.26	/
15	64QAM	1	0	/	21.50	/
15	64QAM	1	37	/	21.42	/
15	64QAM	1	74	/	21.30	/
15	64QAM	36	0	/	20.47	/
15	64QAM	36	20	/	20.21	/
15	64QAM	36	39	/	20.44	/
15	64QAM	75	0	/	20.41	/



LTE Band 19						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				24050	24075	24100
Frequency (MHz)				835	837.5	840
10	QPSK	1	0	23.29	23.34	23.32
10	QPSK	1	25	23.19	23.26	23.28
10	QPSK	1	49	23.16	23.18	23.21
10	QPSK	25	0	22.33	22.46	22.39
10	QPSK	25	12	22.26	22.26	22.44
10	QPSK	25	25	22.22	22.27	22.41
10	QPSK	50	0	22.30	22.18	22.40
10	16QAM	1	0	22.25	22.40	22.38
10	16QAM	1	25	22.33	22.25	22.33
10	16QAM	1	49	22.33	22.32	22.15
10	16QAM	25	0	21.42	21.44	21.30
10	16QAM	25	12	21.20	21.31	21.33
10	16QAM	25	25	21.38	21.26	21.38
10	16QAM	50	0	21.34	21.43	21.40
10	64QAM	1	0	21.38	21.42	21.33
10	64QAM	1	25	21.42	21.49	21.47
10	64QAM	1	49	21.26	21.33	21.26
10	64QAM	25	0	20.38	20.46	20.45
10	64QAM	25	12	20.24	20.32	20.41
10	64QAM	25	25	20.46	20.26	20.34
10	64QAM	50	0	20.31	20.38	20.27



LTE Band 19						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				24025	24075	24125
Frequency (MHz)				832.5	837.5	842.5
5	QPSK	1	0	23.30	23.33	23.20
5	QPSK	1	12	23.16	23.22	23.29
5	QPSK	1	24	23.23	23.05	23.09
5	QPSK	12	0	22.32	22.46	22.29
5	QPSK	12	7	22.31	22.37	22.44
5	QPSK	12	13	22.34	22.14	22.43
5	QPSK	25	0	22.41	22.42	22.33
5	16QAM	1	0	22.42	22.47	22.42
5	16QAM	1	12	22.37	22.32	22.26
5	16QAM	1	24	22.16	22.44	22.38
5	16QAM	12	0	21.50	21.47	21.48
5	16QAM	12	7	21.25	21.36	21.22
5	16QAM	12	13	21.24	21.38	21.25
5	16QAM	25	0	21.45	21.37	21.31
5	64QAM	1	0	21.46	21.48	21.47
5	64QAM	1	12	21.51	21.29	21.52
5	64QAM	1	24	21.33	21.47	21.32
5	64QAM	12	0	20.36	20.55	20.47
5	64QAM	12	7	20.29	20.38	20.25
5	64QAM	12	13	20.21	20.40	20.24
5	64QAM	25	0	20.32	20.43	20.38



LTE Band 25						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26140	26365	26590
Frequency (MHz)				1860	1882.5	1905
20	QPSK	1	0	22.39	22.43	22.35
20	QPSK	1	49	22.30	22.25	22.28
20	QPSK	1	99	22.24	22.31	22.22
20	QPSK	50	0	21.44	21.48	21.37
20	QPSK	50	24	21.26	21.37	21.34
20	QPSK	50	50	21.30	21.46	21.25
20	QPSK	100	0	21.29	21.35	21.24
20	16QAM	1	0	21.37	21.46	21.40
20	16QAM	1	49	21.28	21.29	21.32
20	16QAM	1	99	21.33	21.30	21.32
20	16QAM	50	0	20.30	20.49	20.41
20	16QAM	50	24	20.25	20.38	20.46
20	16QAM	50	50	20.29	20.42	20.39
20	16QAM	100	0	20.33	20.37	20.25
20	64QAM	1	0	20.46	20.57	20.55
20	64QAM	1	49	20.43	20.38	20.42
20	64QAM	1	99	20.37	20.40	20.33
20	64QAM	50	0	19.35	19.48	19.43
20	64QAM	50	24	19.31	19.37	19.41
20	64QAM	50	50	19.28	19.39	19.46
20	64QAM	100	0	19.29	19.24	19.37



LTE Band 25						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26115	26365	26615
Frequency (MHz)				1857.5	1882.5	1907.5
15	QPSK	1	0	22.29	22.41	22.34
15	QPSK	1	37	22.21	22.34	22.26
15	QPSK	1	74	22.17	22.20	22.31
15	QPSK	36	0	21.47	21.50	21.36
15	QPSK	36	20	21.22	21.48	21.31
15	QPSK	36	39	21.33	21.37	21.37
15	QPSK	75	0	21.36	21.42	21.37
15	16QAM	1	0	21.53	21.48	21.53
15	16QAM	1	37	21.27	21.40	21.43
15	16QAM	1	74	21.30	21.40	21.38
15	16QAM	36	0	20.39	20.44	20.40
15	16QAM	36	20	20.26	20.35	20.34
15	16QAM	36	39	20.32	20.27	20.33
15	16QAM	75	0	20.43	20.47	20.16
15	64QAM	1	0	20.39	20.46	20.32
15	64QAM	1	37	20.42	20.43	20.23
15	64QAM	1	74	20.30	20.23	20.46
15	64QAM	36	0	19.25	19.48	19.33
15	64QAM	36	20	19.24	19.35	19.29
15	64QAM	36	39	19.44	19.31	19.43
15	64QAM	75	0	19.28	19.36	19.23



LTE Band 25						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26090	26365	26640
Frequency (MHz)				1855	1882.5	1910
10	QPSK	1	0	22.32	22.38	22.24
10	QPSK	1	25	22.25	22.31	22.16
10	QPSK	1	49	22.34	22.22	22.20
10	QPSK	25	0	21.46	21.47	21.38
10	QPSK	25	12	21.31	21.39	21.37
10	QPSK	25	25	21.30	21.43	21.21
10	QPSK	50	0	21.27	21.29	21.36
10	16QAM	1	0	21.30	21.48	21.46
10	16QAM	1	25	21.28	21.42	21.28
10	16QAM	1	49	21.26	21.34	21.35
10	16QAM	25	0	20.26	20.45	20.24
10	16QAM	25	12	20.39	20.41	20.41
10	16QAM	25	25	20.24	20.19	20.28
10	16QAM	50	0	20.23	20.44	20.34
10	64QAM	1	0	20.43	20.46	20.45
10	64QAM	1	25	20.22	20.39	20.29
10	64QAM	1	49	20.28	20.23	20.30
10	64QAM	25	0	19.36	19.45	19.40
10	64QAM	25	12	19.20	19.29	19.35
10	64QAM	25	25	19.27	19.22	19.37
10	64QAM	50	0	19.27	19.38	19.23



LTE Band 25						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26065	26365	26665
Frequency (MHz)				1852.5	1882.5	1912.5
5	QPSK	1	0	22.27	22.39	22.28
5	QPSK	1	12	22.19	22.24	22.15
5	QPSK	1	24	22.31	22.25	22.24
5	QPSK	12	0	21.31	21.54	21.41
5	QPSK	12	7	21.33	21.53	21.42
5	QPSK	12	13	21.28	21.46	21.37
5	QPSK	25	0	21.47	21.48	21.44
5	16QAM	1	0	21.31	21.51	21.23
5	16QAM	1	12	21.25	21.42	21.41
5	16QAM	1	24	21.30	21.33	21.40
5	16QAM	12	0	20.32	20.44	20.42
5	16QAM	12	7	20.28	20.38	20.35
5	16QAM	12	13	20.22	20.29	20.30
5	16QAM	25	0	20.35	20.41	20.16
5	64QAM	1	0	20.43	20.50	20.45
5	64QAM	1	12	20.21	20.37	20.34
5	64QAM	1	24	20.35	20.31	20.35
5	64QAM	12	0	19.30	19.43	19.27
5	64QAM	12	7	19.26	19.26	19.26
5	64QAM	12	13	19.38	19.17	19.42
5	64QAM	25	0	19.38	19.42	19.26



LTE Band 25						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26055	26365	26675
Frequency (MHz)				1851.5	1882.5	1913.5
3	QPSK	1	0	22.24	22.40	22.28
3	QPSK	1	8	22.34	22.28	22.37
3	QPSK	1	14	22.38	22.31	22.27
3	QPSK	8	0	21.26	21.51	21.42
3	QPSK	8	4	21.32	21.28	21.39
3	QPSK	8	7	21.27	21.41	21.38
3	QPSK	15	0	21.46	21.52	21.35
3	16QAM	1	0	21.41	21.44	21.43
3	16QAM	1	8	21.37	21.35	21.23
3	16QAM	1	14	21.31	21.26	21.39
3	16QAM	8	0	20.28	20.46	20.48
3	16QAM	8	4	20.31	20.29	20.32
3	16QAM	8	7	20.30	20.27	20.31
3	16QAM	15	0	20.25	20.41	20.26
3	64QAM	1	0	20.40	20.45	20.39
3	64QAM	1	8	20.25	20.44	20.21
3	64QAM	1	14	20.32	20.22	20.43
3	64QAM	8	0	19.25	19.43	19.30
3	64QAM	8	4	19.24	19.17	19.16
3	64QAM	8	7	19.45	19.46	19.24
3	64QAM	15	0	19.10	19.30	19.07



LTE Band 25						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26047	26365	26683
Frequency (MHz)				1850.7	1882.5	1914.3
1.4	QPSK	1	0	22.33	22.37	22.25
1.4	QPSK	1	3	22.20	22.28	22.23
1.4	QPSK	1	5	22.17	22.32	22.19
1.4	QPSK	3	0	21.44	21.51	21.51
1.4	QPSK	3	1	21.29	21.36	21.43
1.4	QPSK	3	3	21.23	21.34	21.33
1.4	QPSK	6	0	21.33	21.51	21.34
1.4	16QAM	1	0	21.43	21.47	21.40
1.4	16QAM	1	3	21.19	21.26	21.27
1.4	16QAM	1	5	21.30	21.23	21.26
1.4	16QAM	3	0	20.42	20.49	20.27
1.4	16QAM	3	1	20.27	20.22	20.32
1.4	16QAM	3	3	20.36	20.39	20.42
1.4	16QAM	6	0	20.29	20.43	20.45
1.4	64QAM	1	0	20.48	20.47	20.45
1.4	64QAM	1	3	20.28	20.46	20.41
1.4	64QAM	1	5	20.35	20.42	20.30
1.4	64QAM	3	0	19.21	19.45	19.45
1.4	64QAM	3	1	19.30	19.39	19.44
1.4	64QAM	3	3	19.47	19.29	19.28
1.4	64QAM	6	0	19.26	19.40	19.39



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	22.82	22.87	23.17
15	QPSK	1	37	23.36	23.42	23.37
15	QPSK	1	74	23.21	23.13	23.18
15	QPSK	36	0	22.30	22.31	22.29
15	QPSK	36	20	22.36	22.38	22.15
15	QPSK	36	39	22.32	22.40	22.07
15	QPSK	75	0	22.35	22.40	22.34
15	16QAM	1	0	22.08	22.25	22.11
15	16QAM	1	37	22.28	22.41	22.27
15	16QAM	1	74	22.05	22.24	21.97
15	16QAM	36	0	21.19	21.39	21.29
15	16QAM	36	20	21.32	21.39	21.34
15	16QAM	36	39	21.30	21.40	21.25
15	16QAM	75	0	21.33	21.38	21.29
15	64QAM	1	0	20.67	20.85	20.77
15	64QAM	1	37	20.97	21.24	21.05
15	64QAM	1	74	20.89	21.13	20.74
15	64QAM	36	0	20.30	20.40	20.21
15	64QAM	36	20	20.39	20.40	20.35
15	64QAM	36	39	20.38	20.42	20.12
15	64QAM	75	0	20.32	20.36	20.29



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	23.09	23.15	23.25
10	QPSK	1	25	23.26	23.31	23.31
10	QPSK	1	49	23.22	23.17	23.22
10	QPSK	25	0	22.32	22.38	22.40
10	QPSK	25	12	22.29	22.32	22.40
10	QPSK	25	25	22.24	22.44	22.27
10	QPSK	50	0	22.07	22.42	22.11
10	16QAM	1	0	22.25	22.43	22.22
10	16QAM	1	25	22.34	22.66	22.39
10	16QAM	1	49	22.24	22.50	22.25
10	16QAM	25	0	21.24	21.36	21.34
10	16QAM	25	12	21.28	21.39	21.32
10	16QAM	25	25	21.26	21.42	21.22
10	16QAM	50	0	21.29	21.39	21.33
10	64QAM	1	0	21.15	21.33	21.30
10	64QAM	1	25	21.25	21.43	21.28
10	64QAM	1	49	21.25	21.41	21.23
10	64QAM	25	0	20.27	20.40	20.35
10	64QAM	25	12	20.29	20.40	20.33
10	64QAM	25	25	20.25	20.34	20.25
10	64QAM	50	0	20.28	20.41	20.30



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	22.93	23.09	23.14
5	QPSK	1	12	23.30	23.39	23.40
5	QPSK	1	24	23.02	23.17	23.11
5	QPSK	12	0	22.23	22.30	22.45
5	QPSK	12	7	22.31	22.26	22.42
5	QPSK	12	13	22.24	22.15	22.30
5	QPSK	25	0	22.26	22.38	22.42
5	16QAM	1	0	22.05	22.45	22.13
5	16QAM	1	12	22.29	22.73	22.30
5	16QAM	1	24	22.06	22.51	22.13
5	16QAM	12	0	21.24	21.31	21.35
5	16QAM	12	7	21.31	21.26	21.31
5	16QAM	12	13	21.23	21.31	21.26
5	16QAM	25	0	21.23	21.36	21.40
5	64QAM	1	0	20.67	21.34	20.83
5	64QAM	1	12	21.28	21.42	21.18
5	64QAM	1	24	20.70	21.34	20.69
5	64QAM	12	0	20.28	20.24	20.47
5	64QAM	12	7	20.34	20.45	20.41
5	64QAM	12	13	20.28	20.37	20.38
5	64QAM	25	0	20.23	20.35	20.42



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	23.17	23.28	23.18
3	QPSK	1	8	23.13	23.28	23.23
3	QPSK	1	14	23.17	23.31	23.18
3	QPSK	8	0	22.30	22.21	22.26
3	QPSK	8	4	22.15	22.11	22.42
3	QPSK	8	7	22.13	22.33	22.20
3	QPSK	15	0	22.29	22.37	22.39
3	16QAM	1	0	22.24	22.26	22.47
3	16QAM	1	8	22.23	22.28	22.51
3	16QAM	1	14	22.19	22.32	22.34
3	16QAM	8	0	21.23	21.34	21.34
3	16QAM	8	4	21.28	21.41	21.38
3	16QAM	8	7	21.27	21.37	21.35
3	16QAM	15	0	21.28	21.33	21.36
3	64QAM	1	0	21.25	21.30	21.40
3	64QAM	1	8	21.23	21.30	21.40
3	64QAM	1	14	21.21	21.24	21.33
3	64QAM	8	0	20.31	20.37	20.37
3	64QAM	8	4	20.11	20.30	20.39
3	64QAM	8	7	20.19	20.36	20.36
3	64QAM	15	0	20.28	20.34	20.38



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	23.04	23.19	23.23
1.4	QPSK	1	3	23.25	23.33	23.27
1.4	QPSK	1	5	23.03	23.20	23.16
1.4	QPSK	3	0	23.23	23.22	23.28
1.4	QPSK	3	1	23.28	23.29	23.30
1.4	QPSK	3	3	23.21	23.26	23.23
1.4	QPSK	6	0	22.35	22.35	22.38
1.4	16QAM	1	0	22.12	22.22	22.20
1.4	16QAM	1	3	22.25	22.16	22.43
1.4	16QAM	1	5	22.10	22.23	22.05
1.4	16QAM	3	0	22.30	22.39	22.25
1.4	16QAM	3	1	22.36	22.42	22.25
1.4	16QAM	3	3	22.30	22.32	22.27
1.4	16QAM	6	0	21.34	21.42	21.20
1.4	64QAM	1	0	20.75	20.89	21.26
1.4	64QAM	1	3	21.06	21.05	21.39
1.4	64QAM	1	5	20.76	20.85	21.24
1.4	64QAM	3	0	21.37	21.50	21.31
1.4	64QAM	3	1	21.23	21.55	21.37
1.4	64QAM	3	3	21.35	21.49	21.36
1.4	64QAM	6	0	20.24	20.32	20.24



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	23.07	23.11	23.06
20	QPSK	1	49	23.02	23.08	23.05
20	QPSK	1	99	22.95	22.98	23.06
20	QPSK	50	0	22.13	22.27	22.14
20	QPSK	50	24	22.15	22.21	22.09
20	QPSK	50	50	22.08	22.12	22.09
20	QPSK	100	0	22.07	22.16	21.95
20	16QAM	1	0	22.14	22.23	22.15
20	16QAM	1	49	22.01	22.09	22.05
20	16QAM	1	99	22.06	22.11	22.09
20	16QAM	50	0	21.21	21.24	21.07
20	16QAM	50	24	21.02	21.08	21.17
20	16QAM	50	50	21.12	21.09	21.03
20	16QAM	100	0	21.01	21.11	21.10
20	64QAM	1	0	21.09	21.25	21.23
20	64QAM	1	49	21.15	21.04	21.12
20	64QAM	1	99	20.98	21.14	21.01
20	64QAM	50	0	20.12	20.24	20.22
20	64QAM	50	24	20.19	20.17	20.07
20	64QAM	50	50	20.07	20.13	20.00
20	64QAM	100	0	19.93	20.07	19.89



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	23.04	23.07	23.03
15	QPSK	1	37	23.04	23.04	22.94
15	QPSK	1	74	22.98	22.96	22.87
15	QPSK	36	0	22.12	22.20	22.19
15	QPSK	36	20	21.98	22.06	21.97
15	QPSK	36	39	21.97	22.00	21.98
15	QPSK	75	0	21.99	21.93	22.12
15	16QAM	1	0	22.03	22.27	22.18
15	16QAM	1	37	22.11	21.91	22.14
15	16QAM	1	74	21.96	22.06	22.02
15	16QAM	36	0	20.93	21.19	21.12
15	16QAM	36	20	21.17	20.99	21.00
15	16QAM	36	39	21.03	21.17	20.86
15	16QAM	75	0	21.10	21.06	21.15
15	64QAM	1	0	21.07	21.04	21.18
15	64QAM	1	37	21.19	21.24	21.07
15	64QAM	1	74	21.14	21.27	21.07
15	64QAM	36	0	20.18	20.24	20.22
15	64QAM	36	20	20.02	20.13	20.11
15	64QAM	36	39	19.93	20.22	20.16
15	64QAM	75	0	20.02	20.11	20.06



LTE Band 38						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				37800	38000	38200
Frequency (MHz)				2575	2595	2615
10	QPSK	1	0	22.99	23.09	23.05
10	QPSK	1	25	23.02	22.98	23.04
10	QPSK	1	49	22.87	23.02	22.89
10	QPSK	25	0	22.10	22.19	22.12
10	QPSK	25	12	22.05	22.11	22.08
10	QPSK	25	25	22.04	22.06	22.07
10	QPSK	50	0	22.04	22.11	22.22
10	16QAM	1	0	21.99	22.18	22.13
10	16QAM	1	25	22.05	22.02	22.03
10	16QAM	1	49	21.89	21.96	21.91
10	16QAM	25	0	21.15	21.21	21.03
10	16QAM	25	12	20.91	20.95	21.14
10	16QAM	25	25	21.06	21.19	21.13
10	16QAM	50	0	21.04	21.07	21.22
10	64QAM	1	0	21.00	21.22	21.05
10	64QAM	1	25	21.02	21.10	21.15
10	64QAM	1	49	21.02	21.20	20.95
10	64QAM	25	0	20.19	20.27	20.26
10	64QAM	25	12	20.01	19.98	20.07
10	64QAM	25	25	20.17	20.06	20.26
10	64QAM	50	0	19.93	20.04	19.90



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	23.02	23.08	23.05
5	QPSK	1	12	22.96	23.00	23.01
5	QPSK	1	24	22.96	22.97	23.00
5	QPSK	12	0	22.21	22.23	22.21
5	QPSK	12	7	21.98	22.15	22.06
5	QPSK	12	13	22.02	21.95	21.98
5	QPSK	25	0	22.22	22.21	22.06
5	16QAM	1	0	21.96	22.12	22.00
5	16QAM	1	12	21.86	21.87	22.08
5	16QAM	1	24	21.95	22.10	21.93
5	16QAM	12	0	21.23	21.18	21.14
5	16QAM	12	7	21.02	21.05	21.20
5	16QAM	12	13	20.99	21.19	21.11
5	16QAM	25	0	20.96	21.05	20.94
5	64QAM	1	0	21.08	21.25	21.22
5	64QAM	1	12	20.99	21.23	21.13
5	64QAM	1	24	21.02	21.05	21.14
5	64QAM	12	0	20.01	20.19	20.09
5	64QAM	12	7	20.17	20.05	19.96
5	64QAM	12	13	19.99	19.98	19.96
5	64QAM	25	0	19.90	20.16	19.96



LTE Band 40, Block A						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				/	38750	/
Frequency (MHz)				/	2310	/
10	QPSK	1	0	/	21.04	/
10	QPSK	1	25	/	21.11	/
10	QPSK	1	49	/	20.90	/
10	QPSK	25	0	/	20.72	/
10	QPSK	25	12	/	20.62	/
10	QPSK	25	25	/	20.39	/
10	QPSK	50	0	/	20.63	/
10	16QAM	1	0	/	20.24	/
10	16QAM	1	25	/	20.27	/
10	16QAM	1	49	/	19.95	/
10	16QAM	25	0	/	19.70	/
10	16QAM	25	12	/	19.68	/
10	16QAM	25	25	/	19.43	/
10	16QAM	50	0	/	19.59	/
10	64QAM	1	0	/	19.16	/
10	64QAM	1	25	/	19.29	/
10	64QAM	1	49	/	19.06	/
10	64QAM	25	0	/	18.76	/
10	64QAM	25	12	/	18.73	/
10	64QAM	25	25	/	18.61	/
10	64QAM	50	0	/	18.54	/



LTE Band 40, Block A						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				38725	38750	38775
Frequency (MHz)				2307.5	2310	2312.5
5	QPSK	1	0	20.91	20.96	20.95
5	QPSK	1	12	21.01	21.04	20.90
5	QPSK	1	24	20.73	20.83	20.66
5	QPSK	12	0	20.45	20.62	19.80
5	QPSK	12	7	20.59	20.57	20.61
5	QPSK	12	13	20.57	20.57	20.55
5	QPSK	25	0	20.55	20.62	20.61
5	16QAM	1	0	20.15	20.04	20.08
5	16QAM	1	12	20.22	20.24	20.24
5	16QAM	1	24	20.09	19.97	20.06
5	16QAM	12	0	19.62	19.64	19.39
5	16QAM	12	7	19.60	19.62	19.35
5	16QAM	12	13	19.58	19.59	19.09
5	16QAM	25	0	19.60	19.64	18.93
5	64QAM	1	0	19.03	19.05	19.01
5	64QAM	1	12	19.13	19.11	19.10
5	64QAM	1	24	18.97	19.02	19.00
5	64QAM	12	0	18.64	18.67	18.63
5	64QAM	12	7	18.61	18.63	18.65
5	64QAM	12	13	18.59	18.63	18.59
5	64QAM	25	0	18.60	18.65	18.61



LTE Band 40, Block B						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				/	39200	/
Frequency (MHz)				/	2355	/
10	QPSK	1	0	/	21.03	/
10	QPSK	1	25	/	21.11	/
10	QPSK	1	49	/	20.95	/
10	QPSK	25	0	/	20.20	/
10	QPSK	25	12	/	20.66	/
10	QPSK	25	25	/	20.57	/
10	QPSK	50	0	/	20.19	/
10	16QAM	1	0	/	20.34	/
10	16QAM	1	25	/	20.43	/
10	16QAM	1	49	/	20.26	/
10	16QAM	25	0	/	19.40	/
10	16QAM	25	12	/	19.40	/
10	16QAM	25	25	/	19.15	/
10	16QAM	50	0	/	19.16	/
10	64QAM	1	0	/	19.22	/
10	64QAM	1	25	/	19.29	/
10	64QAM	1	49	/	19.10	/
10	64QAM	25	0	/	18.75	/
10	64QAM	25	12	/	18.74	/
10	64QAM	25	25	/	18.71	/
10	64QAM	50	0	/	18.54	/



LTE Band 40, Block B						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39175	39200	39225
Frequency (MHz)				2352.5	2355	2357.5
5	QPSK	1	0	20.71	20.98	20.98
5	QPSK	1	12	21.07	21.08	21.12
5	QPSK	1	24	20.80	20.79	20.83
5	QPSK	12	0	20.60	20.60	20.54
5	QPSK	12	7	20.61	20.63	20.64
5	QPSK	12	13	20.58	20.59	20.38
5	QPSK	25	0	20.62	20.62	20.56
5	16QAM	1	0	20.24	20.26	19.76
5	16QAM	1	12	20.35	19.90	19.88
5	16QAM	1	24	20.01	20.04	20.16
5	16QAM	12	0	19.61	19.64	19.55
5	16QAM	12	7	19.55	19.66	19.63
5	16QAM	12	13	19.63	19.61	19.62
5	16QAM	25	0	19.64	19.15	19.45
5	64QAM	1	0	19.08	19.08	19.08
5	64QAM	1	12	19.19	19.19	19.16
5	64QAM	1	24	19.04	19.06	19.05
5	64QAM	12	0	18.60	18.57	18.70
5	64QAM	12	7	18.64	18.64	18.64
5	64QAM	12	13	18.60	18.59	18.66
5	64QAM	25	0	18.63	18.63	18.71



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				40140	40640	41140
Frequency (MHz)				2545	2595	2645
20	QPSK	1	0	23.08	23.19	23.15
20	QPSK	1	49	22.91	23.15	23.05
20	QPSK	1	99	23.02	22.95	23.03
20	QPSK	50	0	22.22	22.37	22.20
20	QPSK	50	24	22.10	22.35	21.97
20	QPSK	50	50	22.01	22.01	21.98
20	QPSK	100	0	22.07	22.28	22.13
20	16QAM	1	0	22.23	22.22	22.06
20	16QAM	1	49	21.94	21.97	21.96
20	16QAM	1	99	21.89	22.20	22.11
20	16QAM	50	0	21.01	21.18	21.08
20	16QAM	50	24	21.08	21.10	21.06
20	16QAM	50	50	20.95	21.16	20.81
20	16QAM	100	0	20.85	21.17	21.00
20	64QAM	1	0	21.06	21.27	21.00
20	64QAM	1	49	21.17	21.21	21.10
20	64QAM	1	99	20.99	21.20	21.07
20	64QAM	50	0	20.11	20.24	20.08
20	64QAM	50	24	19.96	20.11	19.93
20	64QAM	50	50	20.02	20.12	19.98
20	64QAM	100	0	20.06	20.14	19.97



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				40115	40640	41165
Frequency (MHz)				2542.5	2595	2647.5
15	QPSK	1	0	22.97	23.14	22.88
15	QPSK	1	37	23.10	23.05	23.05
15	QPSK	1	74	22.94	23.11	23.03
15	QPSK	36	0	22.12	22.35	22.09
15	QPSK	36	20	21.98	22.12	21.92
15	QPSK	36	39	21.93	21.93	21.97
15	QPSK	75	0	21.91	22.11	21.98
15	16QAM	1	0	21.94	22.22	21.96
15	16QAM	1	37	22.01	22.04	22.07
15	16QAM	1	74	21.99	22.04	22.04
15	16QAM	36	0	20.92	21.11	21.11
15	16QAM	36	20	21.09	21.03	21.07
15	16QAM	36	39	20.93	21.02	20.97
15	16QAM	75	0	21.00	21.27	21.11
15	64QAM	1	0	21.09	21.13	21.18
15	64QAM	1	37	20.98	21.14	21.08
15	64QAM	1	74	20.97	21.22	21.03
15	64QAM	36	0	19.95	20.24	19.86
15	64QAM	36	20	19.99	19.87	19.92
15	64QAM	36	39	19.88	20.17	19.89
15	64QAM	75	0	19.72	19.98	19.98



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				40090	40640	41190
Frequency (MHz)				2540	2595	2650
10	QPSK	1	0	23.04	23.15	23.08
10	QPSK	1	25	22.91	23.09	23.00
10	QPSK	1	49	23.03	22.88	22.95
10	QPSK	25	0	21.99	22.15	21.82
10	QPSK	25	12	21.91	22.04	21.82
10	QPSK	25	25	21.99	22.07	21.88
10	QPSK	50	0	22.04	22.16	21.94
10	16QAM	1	0	21.99	22.07	22.24
10	16QAM	1	25	21.95	22.15	21.97
10	16QAM	1	49	22.12	21.99	22.16
10	16QAM	25	0	20.83	21.17	20.85
10	16QAM	25	12	20.92	21.04	21.08
10	16QAM	25	25	20.95	20.98	20.98
10	16QAM	50	0	21.02	21.11	20.88
10	64QAM	1	0	20.97	21.15	21.19
10	64QAM	1	25	21.13	21.19	20.99
10	64QAM	1	49	20.95	21.12	21.13
10	64QAM	25	0	20.09	20.16	19.91
10	64QAM	25	12	20.08	19.96	19.98
10	64QAM	25	25	19.81	19.93	19.93
10	64QAM	50	0	19.84	19.93	19.94



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				40065	40640	41215
Frequency (MHz)				2537.5	2595	2652.5
5	QPSK	1	0	23.10	23.13	23.00
5	QPSK	1	12	22.90	23.12	22.88
5	QPSK	1	24	22.88	22.81	22.90
5	QPSK	12	0	21.95	22.12	22.01
5	QPSK	12	7	21.84	22.05	21.85
5	QPSK	12	13	22.02	22.07	21.78
5	QPSK	25	0	21.95	22.02	21.94
5	16QAM	1	0	22.11	22.10	22.11
5	16QAM	1	12	22.09	22.05	21.90
5	16QAM	1	24	22.07	22.13	22.08
5	16QAM	12	0	21.14	21.11	21.09
5	16QAM	12	7	20.98	20.91	21.02
5	16QAM	12	13	20.80	20.96	20.98
5	16QAM	25	0	20.97	20.99	20.80
5	64QAM	1	0	20.92	21.10	21.09
5	64QAM	1	12	21.07	21.20	20.92
5	64QAM	1	24	20.96	21.15	20.99
5	64QAM	12	0	19.92	20.10	19.83
5	64QAM	12	7	19.96	20.08	19.94
5	64QAM	12	13	19.99	19.97	19.89
5	64QAM	25	0	19.74	20.03	19.72

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

LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18700		18900		19100	
Frequency (MHz)				1860		1880		1900	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	24.35	0.272	24.39	0.275	24.32	0.270
20	QPSK	1	49	24.31	0.270	24.36	0.273	24.30	0.269
20	QPSK	1	99	24.30	0.269	24.26	0.267	24.27	0.267
20	QPSK	50	0	23.49	0.223	23.52	0.225	23.48	0.223
20	QPSK	50	24	23.28	0.213	23.48	0.223	23.43	0.220
20	QPSK	50	50	23.23	0.210	23.37	0.217	23.32	0.215
20	QPSK	100	0	23.35	0.216	23.41	0.219	23.38	0.218
20	16QAM	1	0	23.42	0.220	23.51	0.224	23.45	0.221
20	16QAM	1	49	23.31	0.214	23.32	0.215	23.46	0.222
20	16QAM	1	99	23.26	0.212	23.34	0.216	23.37	0.217
20	16QAM	50	0	22.40	0.174	22.49	0.177	22.47	0.177
20	16QAM	50	24	22.30	0.170	22.31	0.170	22.41	0.174
20	16QAM	50	50	22.31	0.170	22.40	0.174	22.33	0.171
20	16QAM	100	0	22.33	0.171	22.41	0.174	22.37	0.173
20	64QAM	1	0	22.41	0.174	22.50	0.178	22.49	0.177
20	64QAM	1	49	22.42	0.175	22.46	0.176	22.44	0.175
20	64QAM	1	99	22.31	0.170	22.43	0.175	22.37	0.173
20	64QAM	50	0	21.36	0.137	21.47	0.140	21.43	0.139
20	64QAM	50	24	21.33	0.136	21.33	0.136	21.35	0.136
20	64QAM	50	50	21.37	0.137	21.39	0.138	21.41	0.138
20	64QAM	100	0	21.31	0.135	21.36	0.137	21.30	0.135



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	24.34	0.272	24.35	0.272	24.31	0.270
15	QPSK	1	37	24.29	0.269	24.31	0.270	24.28	0.268
15	QPSK	1	74	24.27	0.267	24.29	0.269	24.24	0.265
15	QPSK	36	0	23.45	0.221	23.49	0.223	23.46	0.222
15	QPSK	36	20	23.25	0.211	23.33	0.215	23.45	0.221
15	QPSK	36	39	23.28	0.213	23.26	0.212	23.38	0.218
15	QPSK	75	0	23.41	0.219	23.43	0.220	23.34	0.216
15	16QAM	1	0	23.45	0.221	23.52	0.225	23.36	0.217
15	16QAM	1	37	23.47	0.222	23.35	0.216	23.43	0.220
15	16QAM	1	74	23.35	0.216	23.49	0.223	23.39	0.218
15	16QAM	36	0	22.43	0.175	22.51	0.178	22.49	0.177
15	16QAM	36	20	22.41	0.174	22.50	0.178	22.31	0.170
15	16QAM	36	39	22.20	0.166	22.38	0.173	22.26	0.168
15	16QAM	75	0	22.32	0.171	22.39	0.173	22.23	0.167
15	64QAM	1	0	22.34	0.171	22.48	0.177	22.43	0.175
15	64QAM	1	37	22.33	0.171	22.28	0.169	22.24	0.167
15	64QAM	1	74	22.24	0.167	22.35	0.172	22.32	0.171
15	64QAM	36	0	21.46	0.140	21.49	0.141	21.41	0.138
15	64QAM	36	20	21.28	0.134	21.47	0.140	21.20	0.132
15	64QAM	36	39	21.39	0.138	21.20	0.132	21.21	0.132
15	64QAM	75	0	21.31	0.135	21.39	0.138	21.24	0.133



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	24.29	0.269	24.36	0.273	24.33	0.271
10	QPSK	1	25	24.27	0.267	24.31	0.270	24.30	0.269
10	QPSK	1	49	24.20	0.263	24.34	0.272	24.21	0.264
10	QPSK	25	0	23.40	0.219	23.49	0.223	23.49	0.223
10	QPSK	25	12	23.28	0.213	23.33	0.215	23.36	0.217
10	QPSK	25	25	23.26	0.212	23.27	0.212	23.23	0.210
10	QPSK	50	0	23.27	0.212	23.44	0.221	23.35	0.216
10	16QAM	1	0	23.37	0.217	23.51	0.224	23.43	0.220
10	16QAM	1	25	23.36	0.217	23.43	0.220	23.22	0.210
10	16QAM	1	49	23.41	0.219	23.30	0.214	23.31	0.214
10	16QAM	25	0	22.39	0.173	22.48	0.177	22.43	0.175
10	16QAM	25	12	22.22	0.167	22.43	0.175	22.37	0.173
10	16QAM	25	25	22.21	0.166	22.34	0.171	22.40	0.174
10	16QAM	50	0	22.38	0.173	22.46	0.176	22.31	0.170
10	64QAM	1	0	22.43	0.175	22.46	0.176	22.45	0.176
10	64QAM	1	25	22.42	0.175	22.38	0.173	22.40	0.174
10	64QAM	1	49	22.29	0.169	22.35	0.172	22.26	0.168
10	64QAM	25	0	21.29	0.135	21.47	0.140	21.41	0.138
10	64QAM	25	12	21.28	0.134	21.27	0.134	21.33	0.136
10	64QAM	25	25	21.21	0.132	21.38	0.137	21.26	0.134
10	64QAM	50	0	21.19	0.132	21.23	0.133	21.30	0.135



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	24.26	0.267	24.37	0.274	24.31	0.270
5	QPSK	1	12	24.34	0.272	24.32	0.270	24.32	0.270
5	QPSK	1	24	24.22	0.264	24.26	0.267	24.24	0.265
5	QPSK	12	0	23.41	0.219	23.51	0.224	23.33	0.215
5	QPSK	12	7	23.38	0.218	23.48	0.223	23.39	0.218
5	QPSK	12	13	23.35	0.216	23.30	0.214	23.23	0.210
5	QPSK	25	0	23.26	0.212	23.41	0.219	23.31	0.214
5	16QAM	1	0	23.49	0.223	23.49	0.223	23.48	0.223
5	16QAM	1	12	23.45	0.221	23.25	0.211	23.30	0.214
5	16QAM	1	24	23.41	0.219	23.34	0.216	23.35	0.216
5	16QAM	12	0	22.42	0.175	22.46	0.176	22.45	0.176
5	16QAM	12	7	22.43	0.175	22.35	0.172	22.41	0.174
5	16QAM	12	13	22.29	0.169	22.43	0.175	22.35	0.172
5	16QAM	25	0	22.37	0.173	22.38	0.173	22.43	0.175
5	64QAM	1	0	22.28	0.169	22.47	0.177	22.41	0.174
5	64QAM	1	12	22.24	0.167	22.38	0.173	22.30	0.170
5	64QAM	1	24	22.26	0.168	22.41	0.174	22.26	0.168
5	64QAM	12	0	21.39	0.138	21.42	0.139	21.40	0.138
5	64QAM	12	7	21.24	0.133	21.35	0.136	21.23	0.133
5	64QAM	12	13	21.23	0.133	21.31	0.135	21.20	0.132
5	64QAM	25	0	21.26	0.134	21.25	0.133	21.24	0.133



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	24.30	0.269	24.34	0.272	24.29	0.269
3	QPSK	1	8	24.20	0.263	24.31	0.270	24.28	0.268
3	QPSK	1	14	24.21	0.264	24.30	0.269	24.19	0.262
3	QPSK	8	0	23.30	0.214	23.45	0.221	23.44	0.221
3	QPSK	8	4	23.39	0.218	23.31	0.214	23.23	0.210
3	QPSK	8	7	23.30	0.214	23.33	0.215	23.19	0.208
3	QPSK	15	0	23.31	0.214	23.37	0.217	23.24	0.211
3	16QAM	1	0	23.34	0.216	23.49	0.223	23.47	0.222
3	16QAM	1	8	23.38	0.218	23.42	0.220	23.24	0.211
3	16QAM	1	14	23.27	0.212	23.46	0.222	23.56	0.227
3	16QAM	8	0	22.29	0.169	22.48	0.177	22.45	0.176
3	16QAM	8	4	22.30	0.170	22.23	0.167	22.38	0.173
3	16QAM	8	7	22.24	0.167	22.30	0.170	22.37	0.173
3	16QAM	15	0	22.26	0.168	22.37	0.173	22.34	0.171
3	64QAM	1	0	22.41	0.174	22.47	0.177	22.33	0.171
3	64QAM	1	8	22.33	0.171	22.43	0.175	22.34	0.171
3	64QAM	1	14	22.34	0.171	22.37	0.173	22.38	0.173
3	64QAM	8	0	21.35	0.136	21.40	0.138	21.28	0.134
3	64QAM	8	4	21.38	0.137	21.33	0.136	21.48	0.141
3	64QAM	8	7	21.24	0.133	21.34	0.136	21.32	0.136
3	64QAM	15	0	21.38	0.137	21.40	0.138	21.36	0.137



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	24.28	0.268	24.32	0.270	24.23	0.265
1.4	QPSK	1	3	24.23	0.265	24.27	0.267	24.19	0.262
1.4	QPSK	1	5	24.20	0.263	24.23	0.265	24.25	0.266
1.4	QPSK	3	0	23.42	0.220	23.44	0.221	23.37	0.217
1.4	QPSK	3	1	23.35	0.216	23.28	0.213	23.39	0.218
1.4	QPSK	3	3	23.18	0.208	23.17	0.207	23.37	0.217
1.4	QPSK	6	0	23.18	0.208	23.33	0.215	23.32	0.215
1.4	16QAM	1	0	23.35	0.216	23.45	0.221	23.30	0.214
1.4	16QAM	1	3	23.34	0.216	23.36	0.217	23.29	0.213
1.4	16QAM	1	5	23.31	0.214	23.30	0.214	23.37	0.217
1.4	16QAM	3	0	22.30	0.170	22.27	0.169	22.24	0.167
1.4	16QAM	3	1	22.42	0.175	22.33	0.171	22.39	0.173
1.4	16QAM	3	3	22.21	0.166	22.22	0.167	22.39	0.173
1.4	16QAM	6	0	22.21	0.166	22.40	0.174	22.28	0.169
1.4	64QAM	1	0	22.59	0.182	22.45	0.176	22.49	0.177
1.4	64QAM	1	3	22.41	0.174	22.49	0.177	22.37	0.173
1.4	64QAM	1	5	22.22	0.167	22.53	0.179	22.47	0.177
1.4	64QAM	3	0	21.28	0.134	21.42	0.139	21.22	0.132
1.4	64QAM	3	1	21.34	0.136	21.31	0.135	21.45	0.140
1.4	64QAM	3	3	21.08	0.128	21.34	0.136	21.33	0.136
1.4	64QAM	6	0	21.33	0.136	21.42	0.139	21.43	0.139



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	23.81	0.240	23.83	0.242	23.77	0.238
20	QPSK	1	49	23.67	0.233	23.80	0.240	23.71	0.235
20	QPSK	1	99	23.78	0.239	23.67	0.233	23.66	0.232
20	QPSK	50	0	22.75	0.188	22.85	0.193	22.81	0.191
20	QPSK	50	24	22.78	0.190	22.77	0.189	22.76	0.189
20	QPSK	50	50	22.70	0.186	22.71	0.187	22.74	0.188
20	QPSK	100	0	22.74	0.188	22.83	0.192	22.79	0.190
20	16QAM	1	0	22.88	0.194	22.91	0.195	22.80	0.191
20	16QAM	1	49	22.73	0.187	22.72	0.187	22.78	0.190
20	16QAM	1	99	22.76	0.189	22.66	0.185	22.74	0.188
20	16QAM	50	0	21.75	0.150	21.86	0.153	21.84	0.153
20	16QAM	50	24	21.81	0.152	21.71	0.148	21.71	0.148
20	16QAM	50	50	21.82	0.152	21.78	0.151	21.78	0.151
20	16QAM	100	0	21.67	0.147	21.75	0.150	21.73	0.149
20	64QAM	1	0	21.74	0.149	21.88	0.154	21.86	0.153
20	64QAM	1	49	21.69	0.148	21.83	0.152	21.78	0.151
20	64QAM	1	99	21.70	0.148	21.79	0.151	21.73	0.149
20	64QAM	50	0	20.68	0.117	20.84	0.121	20.79	0.120
20	64QAM	50	24	20.78	0.120	20.68	0.117	20.74	0.119
20	64QAM	50	50	20.70	0.117	20.72	0.118	20.75	0.119
20	64QAM	100	0	20.75	0.119	20.78	0.120	20.67	0.117



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	23.77	0.238	23.80	0.240	23.71	0.235
15	QPSK	1	37	23.74	0.237	23.68	0.233	23.72	0.236
15	QPSK	1	74	23.59	0.229	23.75	0.237	23.54	0.226
15	QPSK	36	0	22.83	0.192	22.91	0.195	22.75	0.188
15	QPSK	36	20	22.68	0.185	22.85	0.193	22.86	0.193
15	QPSK	36	39	22.75	0.188	22.78	0.190	22.57	0.181
15	QPSK	75	0	22.61	0.182	22.65	0.184	22.78	0.190
15	16QAM	1	0	22.77	0.189	22.90	0.195	22.81	0.191
15	16QAM	1	37	22.74	0.188	22.89	0.195	22.84	0.192
15	16QAM	1	74	22.68	0.185	22.86	0.193	22.76	0.189
15	16QAM	36	0	21.79	0.151	21.87	0.154	21.81	0.152
15	16QAM	36	20	21.64	0.146	21.71	0.148	21.81	0.152
15	16QAM	36	39	21.74	0.149	21.77	0.150	21.62	0.145
15	16QAM	75	0	21.67	0.147	21.76	0.150	21.81	0.152
15	64QAM	1	0	21.85	0.153	21.86	0.153	21.80	0.151
15	64QAM	1	37	21.67	0.147	21.72	0.149	21.83	0.152
15	64QAM	1	74	21.83	0.152	21.75	0.150	21.69	0.148
15	64QAM	36	0	20.84	0.121	20.88	0.122	20.80	0.120
15	64QAM	36	20	20.81	0.121	20.68	0.117	20.85	0.122
15	64QAM	36	39	20.73	0.118	20.79	0.120	20.79	0.120
15	64QAM	75	0	20.62	0.115	20.86	0.122	20.68	0.117



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	23.80	0.240	23.81	0.240	23.75	0.237
10	QPSK	1	25	23.71	0.235	23.65	0.232	23.71	0.235
10	QPSK	1	49	23.78	0.239	23.62	0.230	23.63	0.231
10	QPSK	25	0	22.75	0.188	22.89	0.195	22.87	0.194
10	QPSK	25	12	22.86	0.193	22.82	0.191	22.69	0.186
10	QPSK	25	25	22.68	0.185	22.75	0.188	22.78	0.190
10	QPSK	50	0	22.73	0.187	22.90	0.195	22.88	0.194
10	16QAM	1	0	22.78	0.190	22.85	0.193	22.80	0.191
10	16QAM	1	25	22.66	0.185	22.77	0.189	22.75	0.188
10	16QAM	1	49	22.57	0.181	22.76	0.189	22.61	0.182
10	16QAM	25	0	21.83	0.152	21.91	0.155	21.77	0.150
10	16QAM	25	12	21.86	0.153	21.65	0.146	21.75	0.150
10	16QAM	25	25	21.79	0.151	21.72	0.149	21.80	0.151
10	16QAM	50	0	21.65	0.146	21.86	0.153	21.84	0.153
10	64QAM	1	0	21.90	0.155	21.81	0.152	21.90	0.155
10	64QAM	1	25	21.83	0.152	21.74	0.149	21.89	0.155
10	64QAM	1	49	21.73	0.149	21.80	0.151	21.79	0.151
10	64QAM	25	0	20.68	0.117	20.87	0.122	20.74	0.119
10	64QAM	25	12	20.86	0.122	20.79	0.120	20.80	0.120
10	64QAM	25	25	20.77	0.119	20.85	0.122	20.73	0.118
10	64QAM	50	0	20.67	0.117	20.87	0.122	20.81	0.121



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	23.71	0.235	23.78	0.239	23.76	0.238
5	QPSK	1	12	23.63	0.231	23.68	0.233	23.67	0.233
5	QPSK	1	24	23.69	0.234	23.68	0.233	23.69	0.234
5	QPSK	12	0	22.86	0.193	22.90	0.195	22.72	0.187
5	QPSK	12	7	22.72	0.187	22.94	0.197	22.79	0.190
5	QPSK	12	13	22.80	0.191	22.87	0.194	22.60	0.182
5	QPSK	25	0	22.81	0.191	22.84	0.192	22.89	0.195
5	16QAM	1	0	22.74	0.188	22.89	0.195	22.83	0.192
5	16QAM	1	12	22.79	0.190	22.65	0.184	22.79	0.190
5	16QAM	1	24	22.63	0.183	22.61	0.182	22.77	0.189
5	16QAM	12	0	21.76	0.150	21.89	0.155	21.84	0.153
5	16QAM	12	7	21.63	0.146	21.87	0.154	21.77	0.150
5	16QAM	12	13	21.58	0.144	21.75	0.150	21.80	0.151
5	16QAM	25	0	21.65	0.146	21.79	0.151	21.65	0.146
5	64QAM	1	0	21.82	0.152	21.87	0.154	21.80	0.151
5	64QAM	1	12	21.75	0.150	21.83	0.152	21.83	0.152
5	64QAM	1	24	21.68	0.147	21.86	0.153	21.64	0.146
5	64QAM	12	0	20.89	0.123	20.89	0.123	20.69	0.117
5	64QAM	12	7	20.88	0.122	20.65	0.116	20.67	0.117
5	64QAM	12	13	20.72	0.118	20.95	0.124	20.82	0.121
5	64QAM	25	0	20.82	0.121	20.87	0.122	20.88	0.122



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	23.77	0.238	23.80	0.240	23.75	0.237
3	QPSK	1	8	23.65	0.232	23.73	0.236	23.63	0.231
3	QPSK	1	14	23.76	0.238	23.66	0.232	23.79	0.239
3	QPSK	8	0	22.75	0.188	22.89	0.195	22.91	0.195
3	QPSK	8	4	22.68	0.185	22.75	0.188	22.85	0.193
3	QPSK	8	7	22.69	0.186	22.74	0.188	22.74	0.188
3	QPSK	15	0	22.83	0.192	22.93	0.196	22.66	0.185
3	16QAM	1	0	22.69	0.186	22.90	0.195	22.97	0.198
3	16QAM	1	8	22.73	0.187	22.81	0.191	22.88	0.194
3	16QAM	1	14	22.83	0.192	22.61	0.182	22.61	0.182
3	16QAM	8	0	21.76	0.150	21.86	0.153	21.85	0.153
3	16QAM	8	4	21.80	0.151	21.69	0.148	21.78	0.151
3	16QAM	8	7	21.87	0.154	21.87	0.154	21.90	0.155
3	16QAM	15	0	21.77	0.150	21.93	0.156	21.91	0.155
3	64QAM	1	0	21.88	0.154	21.89	0.155	21.84	0.153
3	64QAM	1	8	21.68	0.147	21.85	0.153	21.85	0.153
3	64QAM	1	14	21.65	0.146	21.81	0.152	21.78	0.151
3	64QAM	8	0	20.78	0.120	20.85	0.122	20.81	0.121
3	64QAM	8	4	20.76	0.119	20.59	0.115	20.79	0.120
3	64QAM	8	7	20.82	0.121	20.73	0.118	20.83	0.121
3	64QAM	15	0	20.75	0.119	20.75	0.119	20.74	0.119



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	23.70	0.234	23.79	0.239	23.71	0.235
1.4	QPSK	1	3	23.69	0.234	23.72	0.236	23.57	0.228
1.4	QPSK	1	5	23.60	0.229	23.56	0.227	23.65	0.232
1.4	QPSK	3	0	22.85	0.193	22.92	0.196	22.90	0.195
1.4	QPSK	3	1	22.58	0.181	22.91	0.195	22.68	0.185
1.4	QPSK	3	3	22.67	0.185	22.80	0.191	22.86	0.193
1.4	QPSK	6	0	22.74	0.188	22.90	0.195	22.78	0.190
1.4	16QAM	1	0	22.77	0.189	23.02	0.200	23.03	0.201
1.4	16QAM	1	3	22.87	0.194	22.67	0.185	22.79	0.190
1.4	16QAM	1	5	22.64	0.184	22.82	0.191	22.93	0.196
1.4	16QAM	3	0	21.99	0.158	21.82	0.152	21.71	0.148
1.4	16QAM	3	1	21.82	0.152	21.62	0.145	21.68	0.147
1.4	16QAM	3	3	21.74	0.149	21.96	0.157	21.62	0.145
1.4	16QAM	6	0	21.73	0.149	21.78	0.151	21.66	0.147
1.4	64QAM	1	0	21.72	0.149	21.84	0.153	21.77	0.150
1.4	64QAM	1	3	21.71	0.148	21.76	0.150	21.92	0.156
1.4	64QAM	1	5	21.62	0.145	21.99	0.158	21.90	0.155
1.4	64QAM	3	0	20.76	0.119	20.93	0.124	21.02	0.126
1.4	64QAM	3	1	20.78	0.120	20.74	0.119	20.64	0.116
1.4	64QAM	3	3	20.79	0.120	20.81	0.121	20.75	0.119
1.4	64QAM	6	0	20.58	0.114	20.71	0.118	20.62	0.115



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	21.98	0.158	22.05	0.160	22.03	0.160
10	QPSK	1	25	21.93	0.156	22.00	0.158	21.91	0.155
10	QPSK	1	49	21.90	0.155	21.99	0.158	21.96	0.157
10	QPSK	25	0	21.04	0.127	21.11	0.129	21.09	0.129
10	QPSK	25	12	20.89	0.123	21.07	0.128	21.03	0.127
10	QPSK	25	25	20.83	0.121	21.04	0.127	21.00	0.126
10	QPSK	50	0	20.98	0.125	21.02	0.126	21.05	0.127
10	16QAM	1	0	21.05	0.127	21.16	0.131	21.14	0.130
10	16QAM	1	25	21.01	0.126	20.98	0.125	21.09	0.129
10	16QAM	1	49	20.94	0.124	21.10	0.129	20.99	0.126
10	16QAM	25	0	20.02	0.100	20.12	0.103	20.09	0.102
10	16QAM	25	12	20.00	0.100	20.11	0.103	20.04	0.101
10	16QAM	25	25	20.08	0.102	19.96	0.099	20.02	0.100
10	16QAM	50	0	20.03	0.101	20.04	0.101	19.98	0.100
10	64QAM	1	0	20.08	0.102	20.15	0.104	20.12	0.103
10	64QAM	1	25	20.04	0.101	20.07	0.102	20.14	0.103
10	64QAM	1	49	20.06	0.101	20.06	0.101	20.10	0.102
10	64QAM	25	0	19.05	0.080	19.15	0.082	19.06	0.081
10	64QAM	25	12	18.90	0.078	19.07	0.081	19.08	0.081
10	64QAM	25	25	18.94	0.078	18.91	0.078	19.05	0.080
10	64QAM	50	0	19.05	0.080	19.09	0.081	18.98	0.079



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	21.97	0.157	22.01	0.159	21.98	0.158
5	QPSK	1	12	21.94	0.156	21.96	0.157	21.90	0.155
5	QPSK	1	24	21.90	0.155	21.95	0.157	21.87	0.154
5	QPSK	12	0	21.02	0.126	21.13	0.130	21.07	0.128
5	QPSK	12	7	20.92	0.124	21.12	0.129	20.93	0.124
5	QPSK	12	13	20.88	0.122	20.90	0.123	21.00	0.126
5	QPSK	25	0	20.93	0.124	21.07	0.128	21.02	0.126
5	16QAM	1	0	21.05	0.127	21.11	0.129	21.10	0.129
5	16QAM	1	12	20.95	0.124	20.89	0.123	21.07	0.128
5	16QAM	1	24	20.89	0.123	20.96	0.125	21.08	0.128
5	16QAM	12	0	19.96	0.099	20.14	0.103	20.04	0.101
5	16QAM	12	7	20.00	0.100	19.96	0.099	20.06	0.101
5	16QAM	12	13	20.10	0.102	20.09	0.102	20.04	0.101
5	16QAM	25	0	20.05	0.101	20.10	0.102	20.02	0.100
5	64QAM	1	0	20.13	0.103	20.17	0.104	20.12	0.103
5	64QAM	1	12	19.96	0.099	19.98	0.100	20.11	0.103
5	64QAM	1	24	19.98	0.100	20.00	0.100	19.94	0.099
5	64QAM	12	0	19.10	0.081	19.18	0.083	19.03	0.080
5	64QAM	12	7	19.07	0.081	19.16	0.082	18.92	0.078
5	64QAM	12	13	19.11	0.081	19.15	0.082	19.04	0.080
5	64QAM	25	0	19.06	0.081	19.17	0.083	19.08	0.081



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	21.98	0.158	22.03	0.160	22.01	0.159
3	QPSK	1	8	21.80	0.151	21.88	0.154	21.96	0.157
3	QPSK	1	14	21.89	0.155	21.99	0.158	21.93	0.156
3	QPSK	8	0	21.10	0.129	21.14	0.130	21.10	0.129
3	QPSK	8	4	20.94	0.124	21.06	0.128	20.98	0.125
3	QPSK	8	7	20.97	0.125	20.93	0.124	21.04	0.127
3	QPSK	15	0	21.11	0.129	21.13	0.130	21.10	0.129
3	16QAM	1	0	21.06	0.128	21.12	0.129	21.10	0.129
3	16QAM	1	8	20.96	0.125	21.04	0.127	21.11	0.129
3	16QAM	1	14	20.88	0.122	21.10	0.129	21.06	0.128
3	16QAM	8	0	20.11	0.103	20.17	0.104	20.14	0.103
3	16QAM	8	4	19.94	0.099	19.91	0.098	20.00	0.100
3	16QAM	8	7	20.10	0.102	19.91	0.098	19.99	0.100
3	16QAM	15	0	19.93	0.098	19.98	0.100	20.08	0.102
3	64QAM	1	0	20.10	0.102	20.15	0.104	20.11	0.103
3	64QAM	1	8	20.00	0.100	20.12	0.103	20.02	0.100
3	64QAM	1	14	20.09	0.102	20.11	0.103	20.05	0.101
3	64QAM	8	0	18.90	0.078	19.12	0.082	19.09	0.081
3	64QAM	8	4	18.98	0.079	18.89	0.077	18.84	0.077
3	64QAM	8	7	19.07	0.081	19.21	0.083	19.13	0.082
3	64QAM	15	0	18.87	0.077	18.92	0.078	18.99	0.079



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	22.00	0.158	22.02	0.159	21.96	0.157
1.4	QPSK	1	3	21.95	0.157	21.95	0.157	21.92	0.156
1.4	QPSK	1	5	21.85	0.153	21.97	0.157	22.00	0.158
1.4	QPSK	3	0	21.15	0.130	21.19	0.132	21.14	0.130
1.4	QPSK	3	1	20.96	0.125	21.18	0.131	21.02	0.126
1.4	QPSK	3	3	20.87	0.122	21.07	0.128	21.08	0.128
1.4	QPSK	6	0	20.94	0.124	21.10	0.129	21.07	0.128
1.4	16QAM	1	0	21.16	0.131	21.17	0.131	21.14	0.130
1.4	16QAM	1	3	20.98	0.125	20.84	0.121	21.09	0.129
1.4	16QAM	1	5	21.07	0.128	21.08	0.128	20.97	0.125
1.4	16QAM	3	0	20.10	0.102	20.11	0.103	20.08	0.102
1.4	16QAM	3	1	19.92	0.098	20.02	0.100	20.04	0.101
1.4	16QAM	3	3	20.01	0.100	20.05	0.101	20.08	0.102
1.4	16QAM	6	0	20.05	0.101	20.09	0.102	20.01	0.100
1.4	64QAM	1	0	19.98	0.100	20.07	0.102	20.13	0.103
1.4	64QAM	1	3	20.24	0.106	20.14	0.103	20.27	0.106
1.4	64QAM	1	5	19.95	0.099	19.93	0.098	19.98	0.100
1.4	64QAM	3	0	19.14	0.082	19.04	0.080	18.95	0.079
1.4	64QAM	3	1	19.13	0.082	18.95	0.079	18.99	0.079
1.4	64QAM	3	3	19.04	0.080	19.21	0.083	19.12	0.082
1.4	64QAM	6	0	19.02	0.080	19.10	0.081	18.98	0.079



LTE Band 7				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20850		21100		21350	
Frequency (MHz)				2510		2535		2560	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	23.82	0.241	23.86	0.243	23.80	0.240
20	QPSK	1	49	23.66	0.232	23.83	0.242	23.78	0.239
20	QPSK	1	99	23.71	0.235	23.72	0.236	23.73	0.236
20	QPSK	50	0	22.86	0.193	22.94	0.197	22.89	0.195
20	QPSK	50	24	22.89	0.195	22.85	0.193	22.88	0.194
20	QPSK	50	50	22.66	0.185	22.82	0.191	22.66	0.185
20	QPSK	100	0	22.91	0.195	22.92	0.196	22.83	0.192
20	16QAM	1	0	22.97	0.198	22.98	0.199	22.93	0.196
20	16QAM	1	49	22.77	0.189	22.79	0.190	22.96	0.198
20	16QAM	1	99	22.79	0.190	22.74	0.188	22.83	0.192
20	16QAM	50	0	21.96	0.157	21.95	0.157	21.94	0.156
20	16QAM	50	24	21.83	0.152	21.90	0.155	21.98	0.158
20	16QAM	50	50	21.83	0.152	22.01	0.159	21.93	0.156
20	16QAM	100	0	21.76	0.150	21.93	0.156	21.86	0.153
20	64QAM	1	0	22.08	0.161	22.10	0.162	22.06	0.161
20	64QAM	1	49	22.09	0.162	22.03	0.160	21.83	0.152
20	64QAM	1	99	21.84	0.153	21.97	0.157	21.91	0.155
20	64QAM	50	0	21.03	0.127	21.09	0.129	20.86	0.122
20	64QAM	50	24	20.78	0.120	20.93	0.124	20.80	0.120
20	64QAM	50	50	20.93	0.124	20.97	0.125	20.97	0.125
20	64QAM	100	0	20.74	0.119	20.82	0.121	20.83	0.121



LTE Band 7				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20825		21100		21375	
Frequency (MHz)				2507.5		2535		2562.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	23.76	0.238	23.82	0.241	23.80	0.240
15	QPSK	1	37	23.72	0.236	23.74	0.237	23.70	0.234
15	QPSK	1	74	23.64	0.231	23.80	0.240	23.66	0.232
15	QPSK	36	0	22.83	0.192	23.02	0.200	23.08	0.203
15	QPSK	36	20	22.78	0.190	23.08	0.203	23.03	0.201
15	QPSK	36	39	22.83	0.192	23.01	0.200	22.72	0.187
15	QPSK	75	0	22.96	0.198	23.06	0.202	22.82	0.191
15	16QAM	1	0	22.95	0.197	23.00	0.200	23.09	0.204
15	16QAM	1	37	22.89	0.195	22.84	0.192	22.96	0.198
15	16QAM	1	74	22.76	0.189	22.89	0.195	22.94	0.197
15	16QAM	36	0	21.88	0.154	21.97	0.157	21.88	0.154
15	16QAM	36	20	21.95	0.157	21.67	0.147	21.79	0.151
15	16QAM	36	39	21.83	0.152	21.93	0.156	21.72	0.149
15	16QAM	75	0	21.81	0.152	22.08	0.161	21.91	0.155
15	64QAM	1	0	21.84	0.153	22.14	0.164	21.98	0.158
15	64QAM	1	37	21.96	0.157	22.00	0.158	21.93	0.156
15	64QAM	1	74	21.93	0.156	21.84	0.153	21.86	0.153
15	64QAM	36	0	20.72	0.118	21.04	0.127	20.97	0.125
15	64QAM	36	20	20.92	0.124	20.96	0.125	20.85	0.122
15	64QAM	36	39	20.75	0.119	21.01	0.126	20.98	0.125
15	64QAM	75	0	20.98	0.125	20.88	0.122	20.89	0.123



LTE Band 7				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20800		21100		21400	
Frequency (MHz)				2505		2535		2565	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	23.78	0.239	23.83	0.242	23.74	0.237
10	QPSK	1	25	23.68	0.233	23.76	0.238	23.76	0.238
10	QPSK	1	49	23.63	0.231	23.74	0.237	23.67	0.233
10	QPSK	25	0	22.85	0.193	22.98	0.199	22.92	0.196
10	QPSK	25	12	22.92	0.196	22.82	0.191	22.90	0.195
10	QPSK	25	25	22.78	0.190	22.87	0.194	22.80	0.191
10	QPSK	50	0	22.73	0.187	22.97	0.198	22.70	0.186
10	16QAM	1	0	22.95	0.197	22.97	0.198	23.00	0.200
10	16QAM	1	25	22.96	0.198	22.91	0.195	22.78	0.190
10	16QAM	1	49	22.82	0.191	22.82	0.191	22.83	0.192
10	16QAM	25	0	21.97	0.157	21.94	0.156	21.92	0.156
10	16QAM	25	12	21.91	0.155	21.87	0.154	21.90	0.155
10	16QAM	25	25	21.90	0.155	21.99	0.158	21.87	0.154
10	16QAM	50	0	21.87	0.154	21.86	0.153	21.72	0.149
10	64QAM	1	0	21.84	0.153	22.00	0.158	22.04	0.160
10	64QAM	1	25	21.92	0.156	21.94	0.156	21.78	0.151
10	64QAM	1	49	21.86	0.153	22.08	0.161	21.87	0.154
10	64QAM	25	0	20.77	0.119	21.01	0.126	21.05	0.127
10	64QAM	25	12	20.96	0.125	20.91	0.123	20.85	0.122
10	64QAM	25	25	20.77	0.119	20.95	0.124	21.04	0.127
10	64QAM	50	0	20.85	0.122	20.92	0.124	20.87	0.122



LTE Band 7				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20775		21100		21425	
Frequency (MHz)				2502.5		2535		2567.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	23.82	0.241	23.85	0.243	23.76	0.238
5	QPSK	1	12	23.77	0.238	23.73	0.236	23.64	0.231
5	QPSK	1	24	23.73	0.236	23.66	0.232	23.80	0.240
5	QPSK	12	0	22.90	0.195	22.94	0.197	22.97	0.198
5	QPSK	12	7	22.82	0.191	22.83	0.192	22.89	0.195
5	QPSK	12	13	22.84	0.192	22.97	0.198	22.74	0.188
5	QPSK	25	0	22.71	0.187	22.75	0.188	22.92	0.196
5	16QAM	1	0	22.85	0.193	22.94	0.197	22.94	0.197
5	16QAM	1	12	22.70	0.186	22.99	0.199	22.90	0.195
5	16QAM	1	24	22.66	0.185	22.88	0.194	22.92	0.196
5	16QAM	12	0	21.89	0.155	22.02	0.159	21.90	0.155
5	16QAM	12	7	21.83	0.152	21.67	0.147	21.83	0.152
5	16QAM	12	13	21.85	0.153	21.88	0.154	21.89	0.155
5	16QAM	25	0	21.87	0.154	21.95	0.157	22.01	0.159
5	64QAM	1	0	22.03	0.160	22.01	0.159	21.90	0.155
5	64QAM	1	12	21.89	0.155	21.84	0.153	21.98	0.158
5	64QAM	1	24	21.86	0.153	21.90	0.155	21.91	0.155
5	64QAM	12	0	20.85	0.122	20.94	0.124	20.91	0.123
5	64QAM	12	7	20.81	0.121	20.92	0.124	20.92	0.124
5	64QAM	12	13	20.84	0.121	20.98	0.125	20.88	0.122
5	64QAM	25	0	20.97	0.125	20.78	0.120	20.72	0.118



LTE Band 12				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23060		23095		23130	
Frequency (MHz)				704		707.5		711	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	19.66	0.092	19.69	0.093	19.63	0.092
10	QPSK	1	25	19.61	0.091	19.58	0.091	19.67	0.093
10	QPSK	1	49	19.48	0.089	19.49	0.089	19.46	0.088
10	QPSK	25	0	18.71	0.074	18.74	0.075	18.69	0.074
10	QPSK	25	12	18.58	0.072	18.70	0.074	18.71	0.074
10	QPSK	25	25	18.59	0.072	18.58	0.072	18.53	0.071
10	QPSK	50	0	18.64	0.073	18.72	0.074	18.61	0.073
10	16QAM	1	0	18.61	0.073	18.80	0.076	18.72	0.074
10	16QAM	1	25	18.71	0.074	18.70	0.074	18.59	0.072
10	16QAM	1	49	18.56	0.072	18.75	0.075	18.59	0.072
10	16QAM	25	0	17.64	0.058	17.77	0.060	17.72	0.059
10	16QAM	25	12	17.65	0.058	17.59	0.057	17.65	0.058
10	16QAM	25	25	17.57	0.057	17.71	0.059	17.50	0.056
10	16QAM	50	0	17.63	0.058	17.76	0.060	17.68	0.059
10	64QAM	1	0	17.75	0.060	17.77	0.060	17.75	0.060
10	64QAM	1	25	17.71	0.059	17.72	0.059	17.62	0.058
10	64QAM	1	49	17.58	0.057	17.55	0.057	17.73	0.059
10	64QAM	25	0	16.65	0.046	16.73	0.047	16.76	0.047
10	64QAM	25	12	16.70	0.047	16.74	0.047	16.59	0.046
10	64QAM	25	25	16.75	0.047	16.77	0.048	16.57	0.045
10	64QAM	50	0	16.56	0.045	16.71	0.047	16.65	0.046



LTE Band 12				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23035		23095		23155	
Frequency (MHz)				701.5		707.5		713.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	19.64	0.092	19.66	0.092	19.61	0.091
5	QPSK	1	12	19.55	0.090	19.56	0.090	19.57	0.091
5	QPSK	1	24	19.52	0.090	19.60	0.091	19.43	0.088
5	QPSK	12	0	18.70	0.074	18.79	0.076	18.63	0.073
5	QPSK	12	7	18.65	0.073	18.73	0.075	18.66	0.073
5	QPSK	12	13	18.62	0.073	18.55	0.072	18.67	0.074
5	QPSK	25	0	18.61	0.073	18.71	0.074	18.61	0.073
5	16QAM	1	0	18.74	0.075	18.76	0.075	18.68	0.074
5	16QAM	1	12	18.53	0.071	18.70	0.074	18.80	0.076
5	16QAM	1	24	18.60	0.072	18.73	0.075	18.64	0.073
5	16QAM	12	0	17.80	0.060	17.85	0.061	17.72	0.059
5	16QAM	12	7	17.53	0.057	17.57	0.057	17.79	0.060
5	16QAM	12	13	17.57	0.057	17.81	0.060	17.70	0.059
5	16QAM	25	0	17.75	0.060	17.73	0.059	17.62	0.058
5	64QAM	1	0	17.85	0.061	17.83	0.061	17.61	0.058
5	64QAM	1	12	17.64	0.058	17.79	0.060	17.64	0.058
5	64QAM	1	24	17.56	0.057	17.62	0.058	17.59	0.057
5	64QAM	12	0	16.56	0.045	16.79	0.048	16.65	0.046
5	64QAM	12	7	16.59	0.046	16.62	0.046	16.58	0.045
5	64QAM	12	13	16.79	0.048	16.67	0.046	16.54	0.045
5	64QAM	25	0	16.59	0.046	16.52	0.045	16.73	0.047



LTE Band 12				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23025		23095		23165	
Frequency (MHz)				700.5		707.5		714.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	19.59	0.091	19.67	0.093	19.61	0.091
3	QPSK	1	8	19.46	0.088	19.60	0.091	19.59	0.091
3	QPSK	1	14	19.51	0.089	19.52	0.090	19.47	0.089
3	QPSK	8	0	18.75	0.075	18.72	0.074	18.69	0.074
3	QPSK	8	4	18.56	0.072	18.60	0.072	18.62	0.073
3	QPSK	8	7	18.59	0.072	18.57	0.072	18.55	0.072
3	QPSK	15	0	18.74	0.075	18.60	0.072	18.79	0.076
3	16QAM	1	0	18.58	0.072	18.81	0.076	18.57	0.072
3	16QAM	1	8	18.72	0.074	18.44	0.070	18.71	0.074
3	16QAM	1	14	18.61	0.073	18.74	0.075	18.70	0.074
3	16QAM	8	0	17.67	0.058	17.66	0.058	17.64	0.058
3	16QAM	8	4	17.64	0.058	17.47	0.056	17.71	0.059
3	16QAM	8	7	17.66	0.058	17.56	0.057	17.53	0.057
3	16QAM	15	0	17.80	0.060	17.84	0.061	17.84	0.061
3	64QAM	1	0	17.81	0.060	17.74	0.059	17.88	0.061
3	64QAM	1	8	17.67	0.058	17.64	0.058	17.73	0.059
3	64QAM	1	14	17.59	0.057	17.76	0.060	17.77	0.060
3	64QAM	8	0	16.57	0.045	16.69	0.047	16.61	0.046
3	64QAM	8	4	16.76	0.047	16.60	0.046	16.75	0.047
3	64QAM	8	7	16.83	0.048	16.67	0.046	16.82	0.048
3	64QAM	15	0	16.44	0.044	16.59	0.046	16.48	0.044



LTE Band 12				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23017		23095		23173	
Frequency (MHz)				699.7		707.5		715.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	19.62	0.092	19.65	0.092	19.58	0.091
1.4	QPSK	1	3	19.46	0.088	19.53	0.090	19.53	0.090
1.4	QPSK	1	5	19.53	0.090	19.50	0.089	19.49	0.089
1.4	QPSK	3	0	18.71	0.074	18.79	0.076	18.63	0.073
1.4	QPSK	3	1	18.66	0.073	18.75	0.075	18.70	0.074
1.4	QPSK	3	3	18.50	0.071	18.66	0.073	18.66	0.073
1.4	QPSK	6	0	18.56	0.072	18.65	0.073	18.67	0.074
1.4	16QAM	1	0	18.75	0.075	18.77	0.075	18.79	0.076
1.4	16QAM	1	3	18.73	0.075	18.66	0.073	18.73	0.075
1.4	16QAM	1	5	18.60	0.072	18.64	0.073	18.72	0.074
1.4	16QAM	3	0	17.61	0.058	17.76	0.060	17.74	0.059
1.4	16QAM	3	1	17.62	0.058	17.64	0.058	17.66	0.058
1.4	16QAM	3	3	17.66	0.058	17.60	0.058	17.48	0.056
1.4	16QAM	6	0	17.72	0.059	17.65	0.058	17.69	0.059
1.4	64QAM	1	0	17.68	0.059	17.77	0.060	17.75	0.060
1.4	64QAM	1	3	17.54	0.057	17.76	0.060	17.74	0.059
1.4	64QAM	1	5	17.43	0.055	17.76	0.060	17.52	0.056
1.4	64QAM	3	0	16.69	0.047	16.64	0.046	16.77	0.048
1.4	64QAM	3	1	16.52	0.045	16.74	0.047	16.70	0.047
1.4	64QAM	3	3	16.65	0.046	16.80	0.048	16.68	0.047
1.4	64QAM	6	0	16.67	0.046	16.67	0.046	16.63	0.046



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	/	/	21.76	0.150	/	/
10	QPSK	1	25	/	/	21.70	0.148	/	/
10	QPSK	1	49	/	/	21.63	0.146	/	/
10	QPSK	25	0	/	/	20.92	0.124	/	/
10	QPSK	25	12	/	/	20.76	0.119	/	/
10	QPSK	25	25	/	/	20.71	0.118	/	/
10	QPSK	50	0	/	/	20.84	0.121	/	/
10	16QAM	1	0	/	/	20.90	0.123	/	/
10	16QAM	1	25	/	/	20.83	0.121	/	/
10	16QAM	1	49	/	/	20.77	0.119	/	/
10	16QAM	25	0	/	/	19.91	0.098	/	/
10	16QAM	25	12	/	/	19.79	0.095	/	/
10	16QAM	25	25	/	/	19.74	0.094	/	/
10	16QAM	50	0	/	/	19.78	0.095	/	/
10	64QAM	1	0	/	/	19.89	0.097	/	/
10	64QAM	1	25	/	/	19.82	0.096	/	/
10	64QAM	1	49	/	/	19.73	0.094	/	/
10	64QAM	25	0	/	/	18.93	0.078	/	/
10	64QAM	25	12	/	/	18.89	0.077	/	/
10	64QAM	25	25	/	/	18.76	0.075	/	/
10	64QAM	50	0	/	/	18.81	0.076	/	/



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	21.64	0.146	21.73	0.149	21.70	0.148
5	QPSK	1	12	21.59	0.144	21.64	0.146	21.59	0.144
5	QPSK	1	24	21.62	0.145	21.57	0.144	21.60	0.145
5	QPSK	12	0	20.76	0.119	20.89	0.123	20.80	0.120
5	QPSK	12	7	20.70	0.117	20.71	0.118	20.86	0.122
5	QPSK	12	13	20.63	0.116	20.64	0.116	20.66	0.116
5	QPSK	25	0	20.54	0.113	20.69	0.117	20.78	0.120
5	16QAM	1	0	20.83	0.121	20.98	0.125	20.95	0.124
5	16QAM	1	12	20.80	0.120	20.75	0.119	20.92	0.124
5	16QAM	1	24	20.74	0.119	20.84	0.121	20.77	0.119
5	16QAM	12	0	19.83	0.096	19.94	0.099	19.86	0.097
5	16QAM	12	7	19.90	0.098	19.79	0.095	19.69	0.093
5	16QAM	12	13	19.74	0.094	19.87	0.097	19.70	0.093
5	16QAM	25	0	19.74	0.094	19.89	0.097	19.75	0.094
5	64QAM	1	0	19.91	0.098	19.92	0.098	19.72	0.094
5	64QAM	1	12	19.85	0.097	19.79	0.095	19.62	0.092
5	64QAM	1	24	19.66	0.092	19.88	0.097	19.63	0.092
5	64QAM	12	0	18.63	0.073	18.82	0.076	18.89	0.077
5	64QAM	12	7	18.77	0.075	18.67	0.074	18.75	0.075
5	64QAM	12	13	18.80	0.076	18.79	0.076	18.85	0.077
5	64QAM	25	0	18.64	0.073	18.71	0.074	18.67	0.074



LTE Band 17				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23780		23790		23800	
Frequency (MHz)				709		710		711	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	19.61	0.091	19.64	0.092	19.56	0.090
10	QPSK	1	25	19.51	0.089	19.53	0.090	19.55	0.090
10	QPSK	1	49	19.50	0.089	19.57	0.091	19.52	0.090
10	QPSK	25	0	18.65	0.073	18.72	0.074	18.64	0.073
10	QPSK	25	12	18.62	0.073	18.56	0.072	18.70	0.074
10	QPSK	25	25	18.43	0.070	18.60	0.072	18.65	0.073
10	QPSK	50	0	18.65	0.073	18.63	0.073	18.56	0.072
10	16QAM	1	0	18.70	0.074	18.73	0.075	18.51	0.071
10	16QAM	1	25	18.61	0.073	18.54	0.071	18.56	0.072
10	16QAM	1	49	18.53	0.071	18.74	0.075	18.69	0.074
10	16QAM	25	0	17.47	0.056	17.70	0.059	17.53	0.057
10	16QAM	25	12	17.52	0.056	17.53	0.057	17.58	0.057
10	16QAM	25	25	17.60	0.058	17.57	0.057	17.57	0.057
10	16QAM	50	0	17.63	0.058	17.68	0.059	17.64	0.058
10	64QAM	1	0	17.62	0.058	17.75	0.060	17.69	0.059
10	64QAM	1	25	17.73	0.059	17.71	0.059	17.51	0.056
10	64QAM	1	49	17.59	0.057	17.65	0.058	17.63	0.058
10	64QAM	25	0	16.57	0.045	16.74	0.047	16.52	0.045
10	64QAM	25	12	16.70	0.047	16.67	0.046	16.66	0.046
10	64QAM	25	25	16.65	0.046	16.60	0.046	16.68	0.047
10	64QAM	50	0	16.67	0.046	16.71	0.047	16.67	0.046



LTE Band 17				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23755		23790		23825	
Frequency (MHz)				706.5		710		713.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	19.54	0.090	19.60	0.091	19.51	0.089
5	QPSK	1	12	19.43	0.088	19.56	0.090	19.55	0.090
5	QPSK	1	24	19.47	0.089	19.45	0.088	19.43	0.088
5	QPSK	12	0	18.68	0.074	18.71	0.074	18.65	0.073
5	QPSK	12	7	18.53	0.071	18.58	0.072	18.59	0.072
5	QPSK	12	13	18.52	0.071	18.52	0.071	18.64	0.073
5	QPSK	25	0	18.67	0.074	18.69	0.074	18.60	0.072
5	16QAM	1	0	18.67	0.074	18.74	0.075	18.63	0.073
5	16QAM	1	12	18.60	0.072	18.55	0.072	18.66	0.073
5	16QAM	1	24	18.46	0.070	18.50	0.071	18.50	0.071
5	16QAM	12	0	17.63	0.058	17.73	0.059	17.68	0.059
5	16QAM	12	7	17.44	0.055	17.63	0.058	17.72	0.059
5	16QAM	12	13	17.70	0.059	17.46	0.056	17.51	0.056
5	16QAM	25	0	17.59	0.057	17.68	0.059	17.67	0.058
5	64QAM	1	0	17.48	0.056	17.71	0.059	17.72	0.059
5	64QAM	1	12	17.66	0.058	17.65	0.058	17.64	0.058
5	64QAM	1	24	17.70	0.059	17.72	0.059	17.60	0.058
5	64QAM	12	0	16.46	0.044	16.75	0.047	16.48	0.044
5	64QAM	12	7	16.59	0.046	16.67	0.046	16.61	0.046
5	64QAM	12	13	16.68	0.047	16.53	0.045	16.46	0.044
5	64QAM	25	0	16.56	0.045	16.66	0.046	16.57	0.045



LTE Band 18				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23965		23970		23975	
Frequency (MHz)				826.5		827		827.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	21.38	0.137	20.93	0.124	20.90	0.123
5	QPSK	1	12	21.61	0.145	20.83	0.121	20.84	0.121
5	QPSK	1	24	21.43	0.139	20.82	0.121	20.71	0.118
5	QPSK	12	0	20.51	0.112	20.13	0.103	20.08	0.102
5	QPSK	12	7	20.55	0.114	20.19	0.104	20.17	0.104
5	QPSK	12	13	20.60	0.115	20.14	0.103	20.13	0.103
5	QPSK	25	0	20.66	0.116	20.16	0.104	20.13	0.103
5	16QAM	1	0	20.38	0.109	19.89	0.097	19.90	0.098
5	16QAM	1	12	20.54	0.113	20.20	0.105	20.18	0.104
5	16QAM	1	24	20.33	0.108	19.95	0.099	19.95	0.099
5	16QAM	12	0	19.57	0.091	19.12	0.082	19.08	0.081
5	16QAM	12	7	19.60	0.091	19.19	0.083	19.16	0.082
5	16QAM	12	13	19.50	0.089	19.16	0.082	19.04	0.080
5	16QAM	25	0	19.43	0.088	19.14	0.082	19.12	0.082
5	64QAM	1	0	18.92	0.078	18.82	0.076	18.79	0.076
5	64QAM	1	12	19.34	0.086	18.89	0.077	18.82	0.076
5	64QAM	1	24	18.83	0.076	18.62	0.073	18.59	0.072
5	64QAM	12	0	18.48	0.070	18.23	0.067	18.18	0.066
5	64QAM	12	7	18.56	0.072	18.30	0.068	18.24	0.067
5	64QAM	12	13	18.40	0.069	18.24	0.067	18.22	0.066
5	64QAM	25	0	18.33	0.068	18.19	0.066	18.14	0.065



LTE Band 19				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				/		24075		/	
Frequency (MHz)				/		837.5		/	
				/	/	dbm	W	/	/
15	QPSK	1	0	/	/	22.00	0.158	/	/
15	QPSK	1	37	/	/	21.88	0.154	/	/
15	QPSK	1	74	/	/	21.73	0.149	/	/
15	QPSK	36	0	/	/	21.11	0.129	/	/
15	QPSK	36	20	/	/	21.08	0.128	/	/
15	QPSK	36	39	/	/	21.01	0.126	/	/
15	QPSK	75	0	/	/	21.11	0.129	/	/
15	16QAM	1	0	/	/	21.15	0.130	/	/
15	16QAM	1	37	/	/	20.92	0.124	/	/
15	16QAM	1	74	/	/	20.90	0.123	/	/
15	16QAM	36	0	/	/	20.15	0.104	/	/
15	16QAM	36	20	/	/	20.00	0.100	/	/
15	16QAM	36	39	/	/	20.02	0.100	/	/
15	16QAM	75	0	/	/	19.89	0.097	/	/
15	64QAM	1	0	/	/	20.13	0.103	/	/
15	64QAM	1	37	/	/	20.05	0.101	/	/
15	64QAM	1	74	/	/	19.93	0.098	/	/
15	64QAM	36	0	/	/	19.10	0.081	/	/
15	64QAM	36	20	/	/	18.84	0.077	/	/
15	64QAM	36	39	/	/	19.07	0.081	/	/
15	64QAM	75	0	/	/	19.04	0.080	/	/



LTE Band 19				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				24050		24075		24100	
Frequency (MHz)				835		837.5		840	
				dbm	W	dbm	W	dbm	W
10	QPSK	1	0	21.92	0.156	21.97	0.157	21.95	0.157
10	QPSK	1	25	21.82	0.152	21.89	0.155	21.91	0.155
10	QPSK	1	49	21.79	0.151	21.81	0.152	21.84	0.153
10	QPSK	25	0	20.96	0.125	21.09	0.129	21.02	0.126
10	QPSK	25	12	20.89	0.123	20.89	0.123	21.07	0.128
10	QPSK	25	25	20.85	0.122	20.90	0.123	21.04	0.127
10	QPSK	50	0	20.93	0.124	20.81	0.121	21.03	0.127
10	16QAM	1	0	20.88	0.122	21.03	0.127	21.01	0.126
10	16QAM	1	25	20.96	0.125	20.88	0.122	20.96	0.125
10	16QAM	1	49	20.96	0.125	20.95	0.124	20.78	0.120
10	16QAM	25	0	20.05	0.101	20.07	0.102	19.93	0.098
10	16QAM	25	12	19.83	0.096	19.94	0.099	19.96	0.099
10	16QAM	25	25	20.01	0.100	19.89	0.097	20.01	0.100
10	16QAM	50	0	19.97	0.099	20.06	0.101	20.03	0.101
10	64QAM	1	0	20.01	0.100	20.05	0.101	19.96	0.099
10	64QAM	1	12	20.05	0.101	20.12	0.103	20.10	0.102
10	64QAM	1	24	19.89	0.097	19.96	0.099	19.89	0.097
10	64QAM	12	0	19.01	0.080	19.09	0.081	19.08	0.081
10	64QAM	12	7	18.87	0.077	18.95	0.079	19.04	0.080
10	64QAM	12	13	19.09	0.081	18.89	0.077	18.97	0.079
10	64QAM	25	0	18.94	0.078	19.01	0.080	18.90	0.078



LTE Band 19				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				24025		24075		24125	
Frequency (MHz)				832.5		837.5		842.5	
				dbm	W	dbm	W	dbm	W
5	QPSK	1	0	21.93	0.156	21.96	0.157	21.83	0.152
5	QPSK	1	12	21.79	0.151	21.85	0.153	21.92	0.156
5	QPSK	1	24	21.86	0.153	21.68	0.147	21.72	0.149
5	QPSK	12	0	20.95	0.124	21.09	0.129	20.92	0.124
5	QPSK	12	7	20.94	0.124	21.00	0.126	21.07	0.128
5	QPSK	12	13	20.97	0.125	20.77	0.119	21.06	0.128
5	QPSK	25	0	21.04	0.127	21.05	0.127	20.96	0.125
5	16QAM	1	0	21.05	0.127	21.10	0.129	21.05	0.127
5	16QAM	1	12	21.00	0.126	20.95	0.124	20.89	0.123
5	16QAM	1	24	20.79	0.120	21.07	0.128	21.01	0.126
5	16QAM	12	0	20.13	0.103	20.10	0.102	20.11	0.103
5	16QAM	12	7	19.88	0.097	19.99	0.100	19.85	0.097
5	16QAM	12	13	19.87	0.097	20.01	0.100	19.88	0.097
5	16QAM	25	0	20.08	0.102	20.00	0.100	19.94	0.099
5	64QAM	1	0	20.09	0.102	20.11	0.103	20.10	0.102
5	64QAM	1	12	20.14	0.103	19.92	0.098	20.15	0.104
5	64QAM	1	24	19.96	0.099	20.10	0.102	19.95	0.099
5	64QAM	12	0	18.99	0.079	19.18	0.083	19.10	0.081
5	64QAM	12	7	18.92	0.078	19.01	0.080	18.88	0.077
5	64QAM	12	13	18.84	0.077	19.03	0.080	18.87	0.077
5	64QAM	25	0	18.95	0.079	19.06	0.081	19.01	0.080



LTE Band 25				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26140		26365		26590	
Frequency (MHz)				1860		1882.5		1905	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	24.43	0.277	24.47	0.280	24.39	0.275
20	QPSK	1	49	24.34	0.272	24.29	0.269	24.32	0.270
20	QPSK	1	99	24.28	0.268	24.35	0.272	24.26	0.267
20	QPSK	50	0	23.48	0.223	23.52	0.225	23.41	0.219
20	QPSK	50	24	23.30	0.214	23.41	0.219	23.38	0.218
20	QPSK	50	50	23.34	0.216	23.50	0.224	23.29	0.213
20	QPSK	100	0	23.33	0.215	23.39	0.218	23.28	0.213
20	16QAM	1	0	23.41	0.219	23.50	0.224	23.44	0.221
20	16QAM	1	49	23.32	0.215	23.33	0.215	23.36	0.217
20	16QAM	1	99	23.37	0.217	23.34	0.216	23.36	0.217
20	16QAM	50	0	22.34	0.171	22.53	0.179	22.45	0.176
20	16QAM	50	24	22.29	0.169	22.42	0.175	22.50	0.178
20	16QAM	50	50	22.33	0.171	22.46	0.176	22.43	0.175
20	16QAM	100	0	22.37	0.173	22.41	0.174	22.29	0.169
20	64QAM	1	0	22.50	0.178	22.61	0.182	22.59	0.182
20	64QAM	1	49	22.47	0.177	22.42	0.175	22.46	0.176
20	64QAM	1	99	22.41	0.174	22.44	0.175	22.37	0.173
20	64QAM	50	0	21.39	0.138	21.52	0.142	21.47	0.140
20	64QAM	50	24	21.35	0.136	21.41	0.138	21.45	0.140
20	64QAM	50	50	21.32	0.136	21.43	0.139	21.50	0.141
20	64QAM	100	0	21.33	0.136	21.28	0.134	21.41	0.138



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	24.33	0.271	24.45	0.279	24.38	0.274
15	QPSK	1	37	24.25	0.266	24.38	0.274	24.30	0.269
15	QPSK	1	74	24.21	0.264	24.24	0.265	24.35	0.272
15	QPSK	36	0	23.51	0.224	23.54	0.226	23.40	0.219
15	QPSK	36	20	23.26	0.212	23.52	0.225	23.35	0.216
15	QPSK	36	39	23.37	0.217	23.41	0.219	23.41	0.219
15	QPSK	75	0	23.40	0.219	23.46	0.222	23.41	0.219
15	16QAM	1	0	23.57	0.228	23.52	0.225	23.57	0.228
15	16QAM	1	37	23.31	0.214	23.44	0.221	23.47	0.222
15	16QAM	1	74	23.34	0.216	23.44	0.221	23.42	0.220
15	16QAM	36	0	22.43	0.175	22.48	0.177	22.44	0.175
15	16QAM	36	20	22.30	0.170	22.39	0.173	22.38	0.173
15	16QAM	36	39	22.36	0.172	22.31	0.170	22.37	0.173
15	16QAM	75	0	22.47	0.177	22.51	0.178	22.20	0.166
15	64QAM	1	0	22.43	0.175	22.50	0.178	22.36	0.172
15	64QAM	1	37	22.46	0.176	22.47	0.177	22.27	0.169
15	64QAM	1	74	22.34	0.171	22.27	0.169	22.50	0.178
15	64QAM	36	0	21.29	0.135	21.52	0.142	21.37	0.137
15	64QAM	36	20	21.28	0.134	21.39	0.138	21.33	0.136
15	64QAM	36	39	21.48	0.141	21.35	0.136	21.47	0.140
15	64QAM	75	0	21.32	0.136	21.40	0.138	21.27	0.134



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	24.36	0.273	24.42	0.277	24.28	0.268
10	QPSK	1	25	24.29	0.269	24.35	0.272	24.20	0.263
10	QPSK	1	49	24.38	0.274	24.26	0.267	24.24	0.265
10	QPSK	25	0	23.50	0.224	23.51	0.224	23.42	0.220
10	QPSK	25	12	23.35	0.216	23.43	0.220	23.41	0.219
10	QPSK	25	25	23.34	0.216	23.47	0.222	23.25	0.211
10	QPSK	50	0	23.31	0.214	23.33	0.215	23.40	0.219
10	16QAM	1	0	23.34	0.216	23.52	0.225	23.50	0.224
10	16QAM	1	25	23.32	0.215	23.46	0.222	23.32	0.215
10	16QAM	1	49	23.30	0.214	23.38	0.218	23.39	0.218
10	16QAM	25	0	22.30	0.170	22.49	0.177	22.28	0.169
10	16QAM	25	12	22.43	0.175	22.45	0.176	22.45	0.176
10	16QAM	25	25	22.28	0.169	22.23	0.167	22.32	0.171
10	16QAM	50	0	22.27	0.169	22.48	0.177	22.38	0.173
10	64QAM	1	0	22.47	0.177	22.50	0.178	22.49	0.177
10	64QAM	1	25	22.26	0.168	22.43	0.175	22.33	0.171
10	64QAM	1	49	22.32	0.171	22.27	0.169	22.34	0.171
10	64QAM	25	0	21.40	0.138	21.49	0.141	21.44	0.139
10	64QAM	25	12	21.24	0.133	21.33	0.136	21.39	0.138
10	64QAM	25	25	21.31	0.135	21.26	0.134	21.41	0.138
10	64QAM	50	0	21.31	0.135	21.42	0.139	21.27	0.134



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	24.31	0.270	24.43	0.277	24.32	0.270
5	QPSK	1	12	24.23	0.265	24.28	0.268	24.19	0.262
5	QPSK	1	24	24.35	0.272	24.29	0.269	24.28	0.268
5	QPSK	12	0	23.35	0.216	23.58	0.228	23.45	0.221
5	QPSK	12	7	23.37	0.217	23.57	0.228	23.46	0.222
5	QPSK	12	13	23.32	0.215	23.50	0.224	23.41	0.219
5	QPSK	25	0	23.51	0.224	23.52	0.225	23.48	0.223
5	16QAM	1	0	23.35	0.216	23.55	0.226	23.27	0.212
5	16QAM	1	12	23.29	0.213	23.46	0.222	23.45	0.221
5	16QAM	1	24	23.34	0.216	23.37	0.217	23.44	0.221
5	16QAM	12	0	22.36	0.172	22.48	0.177	22.46	0.176
5	16QAM	12	7	22.32	0.171	22.42	0.175	22.39	0.173
5	16QAM	12	13	22.26	0.168	22.33	0.171	22.34	0.171
5	16QAM	25	0	22.39	0.173	22.45	0.176	22.20	0.166
5	64QAM	1	0	22.47	0.177	22.54	0.179	22.49	0.177
5	64QAM	1	12	22.25	0.168	22.41	0.174	22.38	0.173
5	64QAM	1	24	22.39	0.173	22.35	0.172	22.39	0.173
5	64QAM	12	0	21.34	0.136	21.47	0.140	21.31	0.135
5	64QAM	12	7	21.30	0.135	21.30	0.135	21.30	0.135
5	64QAM	12	13	21.42	0.139	21.21	0.132	21.46	0.140
5	64QAM	25	0	21.42	0.139	21.46	0.140	21.30	0.135



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	24.28	0.268	24.44	0.278	24.32	0.270
3	QPSK	1	8	24.38	0.274	24.32	0.270	24.41	0.276
3	QPSK	1	14	24.42	0.277	24.35	0.272	24.31	0.270
3	QPSK	8	0	23.30	0.214	23.55	0.226	23.46	0.222
3	QPSK	8	4	23.36	0.217	23.32	0.215	23.43	0.220
3	QPSK	8	7	23.31	0.214	23.45	0.221	23.42	0.220
3	QPSK	15	0	23.50	0.224	23.56	0.227	23.39	0.218
3	16QAM	1	0	23.45	0.221	23.48	0.223	23.47	0.222
3	16QAM	1	8	23.41	0.219	23.39	0.218	23.27	0.212
3	16QAM	1	14	23.35	0.216	23.30	0.214	23.43	0.220
3	16QAM	8	0	22.32	0.171	22.50	0.178	22.52	0.179
3	16QAM	8	4	22.35	0.172	22.33	0.171	22.36	0.172
3	16QAM	8	7	22.34	0.171	22.31	0.170	22.35	0.172
3	16QAM	15	0	22.29	0.169	22.45	0.176	22.30	0.170
3	64QAM	1	0	22.44	0.175	22.49	0.177	22.43	0.175
3	64QAM	1	8	22.29	0.169	22.48	0.177	22.25	0.168
3	64QAM	1	14	22.36	0.172	22.26	0.168	22.47	0.177
3	64QAM	8	0	21.29	0.135	21.47	0.140	21.34	0.136
3	64QAM	8	4	21.28	0.134	21.21	0.132	21.20	0.132
3	64QAM	8	7	21.49	0.141	21.50	0.141	21.28	0.134
3	64QAM	15	0	21.14	0.130	21.34	0.136	21.11	0.129



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	24.37	0.274	24.41	0.276	24.29	0.269
1.4	QPSK	1	3	24.24	0.265	24.32	0.270	24.27	0.267
1.4	QPSK	1	5	24.21	0.264	24.36	0.273	24.23	0.265
1.4	QPSK	3	0	23.48	0.223	23.55	0.226	23.55	0.226
1.4	QPSK	3	1	23.33	0.215	23.40	0.219	23.47	0.222
1.4	QPSK	3	3	23.27	0.212	23.38	0.218	23.37	0.217
1.4	QPSK	6	0	23.37	0.217	23.55	0.226	23.38	0.218
1.4	16QAM	1	0	23.47	0.222	23.51	0.224	23.44	0.221
1.4	16QAM	1	3	23.23	0.210	23.30	0.214	23.31	0.214
1.4	16QAM	1	5	23.34	0.216	23.27	0.212	23.30	0.214
1.4	16QAM	3	0	22.46	0.176	22.53	0.179	22.31	0.170
1.4	16QAM	3	1	22.31	0.170	22.26	0.168	22.36	0.172
1.4	16QAM	3	3	22.40	0.174	22.43	0.175	22.46	0.176
1.4	16QAM	6	0	22.33	0.171	22.47	0.177	22.49	0.177
1.4	64QAM	1	0	22.52	0.179	22.51	0.178	22.49	0.177
1.4	64QAM	1	3	22.32	0.171	22.50	0.178	22.45	0.176
1.4	64QAM	1	5	22.39	0.173	22.46	0.176	22.34	0.171
1.4	64QAM	3	0	21.25	0.133	21.49	0.141	21.49	0.141
1.4	64QAM	3	1	21.34	0.136	21.43	0.139	21.48	0.141
1.4	64QAM	3	3	21.51	0.142	21.33	0.136	21.32	0.136
1.4	64QAM	6	0	21.30	0.135	21.44	0.139	21.43	0.139



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	21.82	0.152	21.89	0.155	21.89	0.155
15	QPSK	1	37	21.84	0.153	21.64	0.146	21.81	0.152
15	QPSK	1	74	21.78	0.151	22.01	0.159	22.00	0.158
15	QPSK	36	0	21.15	0.130	21.14	0.130	21.16	0.131
15	QPSK	36	20	21.14	0.130	21.20	0.132	21.24	0.133
15	QPSK	36	39	21.20	0.132	21.10	0.129	21.21	0.132
15	QPSK	75	0	20.75	0.119	21.17	0.131	21.23	0.133
15	16QAM	1	0	20.92	0.124	20.89	0.123	20.90	0.123
15	16QAM	1	37	21.39	0.138	21.18	0.131	21.17	0.131
15	16QAM	1	74	20.98	0.125	20.81	0.121	20.82	0.121
15	16QAM	36	0	20.12	0.103	20.11	0.103	20.19	0.104
15	16QAM	36	20	20.05	0.101	20.19	0.104	20.27	0.106
15	16QAM	36	39	19.98	0.100	20.15	0.104	20.24	0.106
15	16QAM	75	0	20.09	0.102	20.15	0.104	20.17	0.104
15	64QAM	1	0	19.90	0.098	19.69	0.093	19.71	0.094
15	64QAM	1	37	20.11	0.103	19.93	0.098	19.94	0.099
15	64QAM	1	74	19.82	0.096	19.81	0.096	19.87	0.097
15	64QAM	36	0	19.14	0.082	19.18	0.083	19.22	0.084
15	64QAM	36	20	19.13	0.082	19.23	0.084	19.30	0.085
15	64QAM	36	39	19.07	0.081	19.18	0.083	19.25	0.084
15	64QAM	75	0	19.11	0.081	19.15	0.082	19.13	0.082



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	21.97	0.157	21.95	0.157	21.98	0.158
10	QPSK	1	25	22.15	0.164	22.14	0.164	21.76	0.150
10	QPSK	1	49	22.05	0.160	21.96	0.157	21.94	0.156
10	QPSK	25	0	21.21	0.132	21.21	0.132	21.15	0.130
10	QPSK	25	12	21.19	0.132	21.19	0.132	21.02	0.126
10	QPSK	25	25	20.84	0.121	21.17	0.131	21.06	0.128
10	QPSK	50	0	20.90	0.123	21.15	0.130	21.08	0.128
10	16QAM	1	0	20.84	0.121	21.35	0.136	20.89	0.123
10	16QAM	1	25	21.03	0.127	21.50	0.141	21.31	0.135
10	16QAM	1	49	20.91	0.123	21.38	0.137	21.14	0.130
10	16QAM	25	0	19.99	0.100	20.21	0.105	20.15	0.104
10	16QAM	25	12	19.99	0.100	20.22	0.105	20.11	0.103
10	16QAM	25	25	20.13	0.103	20.01	0.100	20.08	0.102
10	16QAM	50	0	20.02	0.100	20.15	0.104	20.19	0.104
10	64QAM	1	0	19.85	0.097	20.06	0.101	20.03	0.101
10	64QAM	1	25	19.98	0.100	20.17	0.104	19.90	0.098
10	64QAM	1	49	19.86	0.097	20.02	0.100	19.92	0.098
10	64QAM	25	0	19.13	0.082	19.15	0.082	19.19	0.083
10	64QAM	25	12	19.15	0.082	19.20	0.083	19.17	0.083
10	64QAM	25	25	19.03	0.080	19.13	0.082	19.08	0.081
10	64QAM	50	0	19.09	0.081	19.15	0.082	19.16	0.082



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	21.80	0.151	21.82	0.152	21.97	0.157
5	QPSK	1	12	22.10	0.162	22.12	0.163	22.07	0.161
5	QPSK	1	24	21.86	0.153	21.82	0.152	22.01	0.159
5	QPSK	12	0	21.02	0.126	21.01	0.126	21.16	0.131
5	QPSK	12	7	20.98	0.125	21.07	0.128	21.24	0.133
5	QPSK	12	13	20.91	0.123	21.13	0.130	21.17	0.131
5	QPSK	25	0	21.12	0.129	21.07	0.128	21.24	0.133
5	16QAM	1	0	21.18	0.131	21.26	0.134	21.24	0.133
5	16QAM	1	12	21.37	0.137	21.46	0.140	21.12	0.129
5	16QAM	1	24	21.26	0.134	21.26	0.134	20.77	0.119
5	16QAM	12	0	19.99	0.100	20.16	0.104	20.27	0.106
5	16QAM	12	7	20.14	0.103	20.14	0.103	20.28	0.107
5	16QAM	12	13	20.09	0.102	20.11	0.103	20.19	0.104
5	16QAM	25	0	20.09	0.102	20.14	0.103	20.23	0.105
5	64QAM	1	0	20.06	0.101	20.00	0.100	19.96	0.099
5	64QAM	1	12	20.24	0.106	19.98	0.100	19.86	0.097
5	64QAM	1	24	19.97	0.099	19.94	0.099	19.75	0.094
5	64QAM	12	0	19.09	0.081	19.13	0.082	19.33	0.086
5	64QAM	12	7	19.18	0.083	19.25	0.084	19.37	0.086
5	64QAM	12	13	19.12	0.082	19.21	0.083	19.27	0.085
5	64QAM	25	0	19.10	0.081	19.11	0.081	19.30	0.085



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	21.39	0.138	21.63	0.146	21.67	0.147
3	QPSK	1	8	21.40	0.138	21.60	0.145	21.67	0.147
3	QPSK	1	14	21.42	0.139	21.60	0.145	21.63	0.146
3	QPSK	8	0	20.39	0.109	20.67	0.117	21.08	0.128
3	QPSK	8	4	20.42	0.110	20.69	0.117	21.13	0.130
3	QPSK	8	7	20.65	0.116	20.67	0.117	21.12	0.129
3	QPSK	15	0	20.31	0.107	20.66	0.116	21.10	0.129
3	16QAM	1	0	20.56	0.114	20.75	0.119	21.26	0.134
3	16QAM	1	8	20.55	0.114	20.73	0.118	21.34	0.136
3	16QAM	1	14	20.72	0.118	20.70	0.117	21.23	0.133
3	16QAM	8	0	19.60	0.091	19.69	0.093	20.26	0.106
3	16QAM	8	4	19.67	0.093	19.71	0.094	20.29	0.107
3	16QAM	8	7	19.63	0.092	19.73	0.094	20.27	0.106
3	16QAM	15	0	19.61	0.091	19.68	0.093	20.13	0.103
3	64QAM	1	0	19.24	0.084	19.56	0.090	20.06	0.101
3	64QAM	1	8	19.19	0.083	19.35	0.086	20.07	0.102
3	64QAM	1	14	19.22	0.084	19.51	0.089	20.03	0.101
3	64QAM	8	0	18.72	0.074	18.77	0.075	19.33	0.086
3	64QAM	8	4	18.73	0.075	18.77	0.075	19.27	0.085
3	64QAM	8	7	18.76	0.075	18.77	0.075	19.22	0.084
3	64QAM	15	0	18.60	0.072	18.70	0.074	19.16	0.082



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	21.21	0.132	21.32	0.136	21.38	0.137
1.4	QPSK	1	3	21.43	0.139	21.59	0.144	21.52	0.142
1.4	QPSK	1	5	21.18	0.131	21.34	0.136	21.38	0.137
1.4	QPSK	3	0	21.48	0.141	21.55	0.143	21.55	0.143
1.4	QPSK	3	1	21.51	0.142	21.59	0.144	21.47	0.140
1.4	QPSK	3	3	21.43	0.139	21.55	0.143	21.43	0.139
1.4	QPSK	6	0	20.41	0.110	20.27	0.106	20.68	0.117
1.4	16QAM	1	0	20.52	0.113	20.65	0.116	20.73	0.118
1.4	16QAM	1	3	20.64	0.116	20.70	0.117	20.86	0.122
1.4	16QAM	1	5	20.48	0.112	20.61	0.115	20.62	0.115
1.4	16QAM	3	0	20.49	0.112	20.25	0.106	20.59	0.115
1.4	16QAM	3	1	20.57	0.114	20.45	0.111	20.64	0.116
1.4	16QAM	3	3	20.58	0.114	20.46	0.111	20.63	0.116
1.4	16QAM	6	0	19.66	0.092	19.69	0.093	19.68	0.093
1.4	64QAM	1	0	19.10	0.081	19.13	0.082	19.36	0.086
1.4	64QAM	1	3	19.20	0.083	19.28	0.085	19.51	0.089
1.4	64QAM	1	5	19.10	0.081	19.20	0.083	19.31	0.085
1.4	64QAM	3	0	19.69	0.093	19.68	0.093	19.77	0.095
1.4	64QAM	3	1	19.75	0.094	19.78	0.095	19.83	0.096
1.4	64QAM	3	3	19.71	0.094	19.58	0.091	19.70	0.093
1.4	64QAM	6	0	18.58	0.072	18.58	0.072	18.64	0.073



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	25.62	0.365	25.66	0.368	25.61	0.364
20	QPSK	1	49	25.57	0.361	25.63	0.366	25.60	0.363
20	QPSK	1	99	25.50	0.355	25.53	0.357	25.61	0.364
20	QPSK	50	0	24.68	0.294	24.82	0.303	24.69	0.294
20	QPSK	50	24	24.70	0.295	24.76	0.299	24.64	0.291
20	QPSK	50	50	24.63	0.290	24.67	0.293	24.64	0.291
20	QPSK	100	0	24.62	0.290	24.71	0.296	24.50	0.282
20	16QAM	1	0	24.69	0.294	24.78	0.301	24.70	0.295
20	16QAM	1	49	24.56	0.286	24.64	0.291	24.60	0.288
20	16QAM	1	99	24.61	0.289	24.66	0.292	24.64	0.291
20	16QAM	50	0	23.76	0.238	23.79	0.239	23.62	0.230
20	16QAM	50	24	23.57	0.228	23.63	0.231	23.72	0.236
20	16QAM	50	50	23.67	0.233	23.64	0.231	23.58	0.228
20	16QAM	100	0	23.56	0.227	23.66	0.232	23.65	0.232
20	64QAM	1	0	23.64	0.231	23.80	0.240	23.78	0.239
20	64QAM	1	49	23.70	0.234	23.59	0.229	23.67	0.233
20	64QAM	1	99	23.53	0.225	23.69	0.234	23.56	0.227
20	64QAM	50	0	22.67	0.185	22.79	0.190	22.77	0.189
20	64QAM	50	24	22.74	0.188	22.72	0.187	22.62	0.183
20	64QAM	50	50	22.62	0.183	22.68	0.185	22.55	0.180
20	64QAM	100	0	22.48	0.177	22.62	0.183	22.44	0.175



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	25.59	0.362	25.62	0.365	25.58	0.361
15	QPSK	1	37	25.59	0.362	25.59	0.362	25.49	0.354
15	QPSK	1	74	25.53	0.357	25.51	0.356	25.42	0.348
15	QPSK	36	0	24.67	0.293	24.75	0.299	24.74	0.298
15	QPSK	36	20	24.53	0.284	24.61	0.289	24.52	0.283
15	QPSK	36	39	24.52	0.283	24.55	0.285	24.53	0.284
15	QPSK	75	0	24.54	0.284	24.48	0.281	24.67	0.293
15	16QAM	1	0	24.58	0.287	24.82	0.303	24.73	0.297
15	16QAM	1	37	24.66	0.292	24.46	0.279	24.69	0.294
15	16QAM	1	74	24.51	0.282	24.61	0.289	24.57	0.286
15	16QAM	36	0	23.48	0.223	23.74	0.237	23.67	0.233
15	16QAM	36	20	23.72	0.236	23.54	0.226	23.55	0.226
15	16QAM	36	39	23.58	0.228	23.72	0.236	23.41	0.219
15	16QAM	75	0	23.65	0.232	23.61	0.230	23.70	0.234
15	64QAM	1	0	23.62	0.230	23.59	0.229	23.73	0.236
15	64QAM	1	37	23.74	0.237	23.79	0.239	23.62	0.230
15	64QAM	1	74	23.69	0.234	23.82	0.241	23.62	0.230
15	64QAM	36	0	22.73	0.187	22.79	0.190	22.77	0.189
15	64QAM	36	20	22.57	0.181	22.68	0.185	22.66	0.185
15	64QAM	36	39	22.48	0.177	22.77	0.189	22.71	0.187
15	64QAM	75	0	22.57	0.181	22.66	0.185	22.61	0.182



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	25.54	0.358	25.64	0.366	25.60	0.363
10	QPSK	1	25	25.57	0.361	25.53	0.357	25.59	0.362
10	QPSK	1	49	25.42	0.348	25.57	0.361	25.44	0.350
10	QPSK	25	0	24.65	0.292	24.74	0.298	24.67	0.293
10	QPSK	25	12	24.60	0.288	24.66	0.292	24.63	0.290
10	QPSK	25	25	24.59	0.288	24.61	0.289	24.62	0.290
10	QPSK	50	0	24.59	0.288	24.66	0.292	24.77	0.300
10	16QAM	1	0	24.54	0.284	24.73	0.297	24.68	0.294
10	16QAM	1	25	24.60	0.288	24.57	0.286	24.58	0.287
10	16QAM	1	49	24.44	0.278	24.51	0.282	24.46	0.279
10	16QAM	25	0	23.70	0.234	23.76	0.238	23.58	0.228
10	16QAM	25	12	23.46	0.222	23.50	0.224	23.69	0.234
10	16QAM	25	25	23.61	0.230	23.74	0.237	23.68	0.233
10	16QAM	50	0	23.59	0.229	23.62	0.230	23.77	0.238
10	64QAM	1	0	23.55	0.226	23.77	0.238	23.60	0.229
10	64QAM	1	25	23.57	0.228	23.65	0.232	23.70	0.234
10	64QAM	1	49	23.57	0.228	23.75	0.237	23.50	0.224
10	64QAM	25	0	22.74	0.188	22.82	0.191	22.81	0.191
10	64QAM	25	12	22.56	0.180	22.53	0.179	22.62	0.183
10	64QAM	25	25	22.72	0.187	22.61	0.182	22.81	0.191
10	64QAM	50	0	22.48	0.177	22.59	0.182	22.45	0.176



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	25.57	0.361	25.63	0.366	25.60	0.363
5	QPSK	1	12	25.51	0.356	25.55	0.359	25.56	0.360
5	QPSK	1	24	25.51	0.356	25.52	0.356	25.55	0.359
5	QPSK	12	0	24.76	0.299	24.78	0.301	24.76	0.299
5	QPSK	12	7	24.53	0.284	24.70	0.295	24.61	0.289
5	QPSK	12	13	24.57	0.286	24.50	0.282	24.53	0.284
5	QPSK	25	0	24.77	0.300	24.76	0.299	24.61	0.289
5	16QAM	1	0	24.51	0.282	24.67	0.293	24.55	0.285
5	16QAM	1	12	24.41	0.276	24.42	0.277	24.63	0.290
5	16QAM	1	24	24.50	0.282	24.65	0.292	24.48	0.281
5	16QAM	12	0	23.78	0.239	23.73	0.236	23.69	0.234
5	16QAM	12	7	23.57	0.228	23.60	0.229	23.75	0.237
5	16QAM	12	13	23.54	0.226	23.74	0.237	23.66	0.232
5	16QAM	25	0	23.51	0.224	23.60	0.229	23.49	0.223
5	64QAM	1	0	23.63	0.231	23.80	0.240	23.77	0.238
5	64QAM	1	12	23.54	0.226	23.78	0.239	23.68	0.233
5	64QAM	1	24	23.57	0.228	23.60	0.229	23.69	0.234
5	64QAM	12	0	22.56	0.180	22.74	0.188	22.64	0.184
5	64QAM	12	7	22.72	0.187	22.60	0.182	22.51	0.178
5	64QAM	12	13	22.54	0.179	22.53	0.179	22.51	0.178
5	64QAM	25	0	22.45	0.176	22.71	0.187	22.51	0.178



LTE Band 40, Block A				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				/		38750		/	
Frequency (MHz)				/		2310		/	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	/	/	22.10	0.162	/	/
10	QPSK	1	25	/	/	22.17	0.165	/	/
10	QPSK	1	49	/	/	21.96	0.157	/	/
10	QPSK	25	0	/	/	21.78	0.151	/	/
10	QPSK	25	12	/	/	21.68	0.147	/	/
10	QPSK	25	25	/	/	21.45	0.140	/	/
10	QPSK	50	0	/	/	21.69	0.148	/	/
10	16QAM	1	0	/	/	21.30	0.135	/	/
10	16QAM	1	25	/	/	21.33	0.136	/	/
10	16QAM	1	49	/	/	21.01	0.126	/	/
10	16QAM	25	0	/	/	20.76	0.119	/	/
10	16QAM	25	12	/	/	20.74	0.119	/	/
10	16QAM	25	25	/	/	20.49	0.112	/	/
10	16QAM	50	0	/	/	20.65	0.116	/	/
10	64QAM	1	0	/	/	20.22	0.105	/	/
10	64QAM	1	25	/	/	20.35	0.108	/	/
10	64QAM	1	49	/	/	20.12	0.103	/	/
10	64QAM	25	0	/	/	19.82	0.096	/	/
10	64QAM	25	12	/	/	19.79	0.095	/	/
10	64QAM	25	25	/	/	19.67	0.093	/	/
10	64QAM	50	0	/	/	19.60	0.091	/	/



LTE Band 40, Block A				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				38725		38750		38775	
Frequency (MHz)				2307.5		2310		2312.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	21.97	0.157	22.02	0.159	22.01	0.159
5	QPSK	1	12	22.07	0.161	22.10	0.162	21.96	0.157
5	QPSK	1	24	21.79	0.151	21.89	0.155	21.72	0.149
5	QPSK	12	0	21.51	0.142	21.68	0.147	20.86	0.122
5	QPSK	12	7	21.65	0.146	21.63	0.146	21.67	0.147
5	QPSK	12	13	21.63	0.146	21.63	0.146	21.61	0.145
5	QPSK	25	0	21.61	0.145	21.68	0.147	21.67	0.147
5	16QAM	1	0	21.21	0.132	21.10	0.129	21.14	0.130
5	16QAM	1	12	21.28	0.134	21.30	0.135	21.30	0.135
5	16QAM	1	24	21.15	0.130	21.03	0.127	21.12	0.129
5	16QAM	12	0	20.68	0.117	20.70	0.117	20.45	0.111
5	16QAM	12	7	20.66	0.116	20.68	0.117	20.41	0.110
5	16QAM	12	13	20.64	0.116	20.65	0.116	20.15	0.104
5	16QAM	25	0	20.66	0.116	20.70	0.117	19.99	0.100
5	64QAM	1	0	20.09	0.102	20.11	0.103	20.07	0.102
5	64QAM	1	12	20.19	0.104	20.17	0.104	20.16	0.104
5	64QAM	1	24	20.03	0.101	20.08	0.102	20.06	0.101
5	64QAM	12	0	19.70	0.093	19.73	0.094	19.69	0.093
5	64QAM	12	7	19.67	0.093	19.69	0.093	19.71	0.094
5	64QAM	12	13	19.65	0.092	19.69	0.093	19.65	0.092
5	64QAM	25	0	19.66	0.092	19.71	0.094	19.67	0.093



LTE Band 40, Block B				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				/		39200		/	
Frequency (MHz)				/		2355		/	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	/	/	22.09	0.162	/	/
10	QPSK	1	25	/	/	22.18	0.165	/	/
10	QPSK	1	49	/	/	22.01	0.159	/	/
10	QPSK	25	0	/	/	21.26	0.134	/	/
10	QPSK	25	12	/	/	21.72	0.149	/	/
10	QPSK	25	25	/	/	21.63	0.146	/	/
10	QPSK	50	0	/	/	21.25	0.133	/	/
10	16QAM	1	0	/	/	21.40	0.138	/	/
10	16QAM	1	25	/	/	21.49	0.141	/	/
10	16QAM	1	49	/	/	21.32	0.136	/	/
10	16QAM	25	0	/	/	20.46	0.111	/	/
10	16QAM	25	12	/	/	20.46	0.111	/	/
10	16QAM	25	25	/	/	20.21	0.105	/	/
10	16QAM	50	0	/	/	20.22	0.105	/	/
10	64QAM	1	0	/	/	20.28	0.107	/	/
10	64QAM	1	25	/	/	20.35	0.108	/	/
10	64QAM	1	49	/	/	20.16	0.104	/	/
10	64QAM	25	0	/	/	19.81	0.096	/	/
10	64QAM	25	12	/	/	19.80	0.095	/	/
10	64QAM	25	25	/	/	19.77	0.095	/	/
10	64QAM	50	0	/	/	19.60	0.091	/	/



LTE Band 40, Block B				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39175		39200		39225	
Frequency (MHz)				2352.5		2355		2357.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	21.77	0.150	22.04	0.160	22.04	0.160
5	QPSK	1	12	22.13	0.163	22.14	0.164	22.17	0.165
5	QPSK	1	24	21.86	0.153	21.85	0.153	21.89	0.155
5	QPSK	12	0	21.66	0.147	21.66	0.147	21.60	0.145
5	QPSK	12	7	21.67	0.147	21.69	0.148	21.70	0.148
5	QPSK	12	13	21.64	0.146	21.65	0.146	21.44	0.139
5	QPSK	25	0	21.68	0.147	21.68	0.147	21.62	0.145
5	16QAM	1	0	21.30	0.135	21.32	0.136	20.82	0.121
5	16QAM	1	12	21.41	0.138	20.96	0.125	20.94	0.124
5	16QAM	1	24	21.07	0.128	21.10	0.129	21.22	0.132
5	16QAM	12	0	20.67	0.117	20.70	0.117	20.61	0.115
5	16QAM	12	7	20.61	0.115	20.72	0.118	20.69	0.117
5	16QAM	12	13	20.69	0.117	20.67	0.117	20.68	0.117
5	16QAM	25	0	20.70	0.117	20.21	0.105	20.51	0.112
5	64QAM	1	0	20.14	0.103	20.14	0.103	20.14	0.103
5	64QAM	1	12	20.25	0.106	20.25	0.106	20.22	0.105
5	64QAM	1	24	20.10	0.102	20.12	0.103	20.11	0.103
5	64QAM	12	0	19.66	0.092	19.63	0.092	19.76	0.095
5	64QAM	12	7	19.70	0.093	19.70	0.093	19.70	0.093
5	64QAM	12	13	19.66	0.092	19.65	0.092	19.72	0.094
5	64QAM	25	0	19.69	0.093	19.69	0.093	19.77	0.095



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				40140		40640		41140	
Frequency (MHz)				2545		2595		2645	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	25.63	0.366	25.74	0.375	25.70	0.372
20	QPSK	1	49	25.46	0.352	25.70	0.372	25.60	0.363
20	QPSK	1	99	25.57	0.361	25.50	0.355	25.58	0.361
20	QPSK	50	0	24.77	0.300	24.92	0.310	24.75	0.299
20	QPSK	50	24	24.65	0.292	24.90	0.309	24.52	0.283
20	QPSK	50	50	24.56	0.286	24.56	0.286	24.53	0.284
20	QPSK	100	0	24.62	0.290	24.83	0.304	24.68	0.294
20	16QAM	1	0	24.78	0.301	24.77	0.300	24.61	0.289
20	16QAM	1	49	24.49	0.281	24.52	0.283	24.51	0.282
20	16QAM	1	99	24.44	0.278	24.75	0.299	24.66	0.292
20	16QAM	50	0	23.56	0.227	23.73	0.236	23.63	0.231
20	16QAM	50	24	23.63	0.231	23.65	0.232	23.61	0.230
20	16QAM	50	50	23.50	0.224	23.71	0.235	23.36	0.217
20	16QAM	100	0	23.40	0.219	23.72	0.236	23.55	0.226
20	64QAM	1	0	23.61	0.230	23.82	0.241	23.55	0.226
20	64QAM	1	49	23.72	0.236	23.76	0.238	23.65	0.232
20	64QAM	1	99	23.54	0.226	23.75	0.237	23.62	0.230
20	64QAM	50	0	22.66	0.185	22.79	0.190	22.63	0.183
20	64QAM	50	24	22.51	0.178	22.66	0.185	22.48	0.177
20	64QAM	50	50	22.57	0.181	22.67	0.185	22.53	0.179
20	64QAM	100	0	22.61	0.182	22.69	0.186	22.52	0.179



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				40115		40640		41165	
Frequency (MHz)				2542.5		2595		2647.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	25.52	0.356	25.69	0.371	25.43	0.349
15	QPSK	1	37	25.65	0.367	25.60	0.363	25.60	0.363
15	QPSK	1	74	25.49	0.354	25.66	0.368	25.58	0.361
15	QPSK	36	0	24.67	0.293	24.90	0.309	24.64	0.291
15	QPSK	36	20	24.53	0.284	24.67	0.293	24.47	0.280
15	QPSK	36	39	24.48	0.281	24.48	0.281	24.52	0.283
15	QPSK	75	0	24.46	0.279	24.66	0.292	24.53	0.284
15	16QAM	1	0	24.49	0.281	24.77	0.300	24.51	0.282
15	16QAM	1	37	24.56	0.286	24.59	0.288	24.62	0.290
15	16QAM	1	74	24.54	0.284	24.59	0.288	24.59	0.288
15	16QAM	36	0	23.47	0.222	23.66	0.232	23.66	0.232
15	16QAM	36	20	23.64	0.231	23.58	0.228	23.62	0.230
15	16QAM	36	39	23.48	0.223	23.57	0.228	23.52	0.225
15	16QAM	75	0	23.55	0.226	23.82	0.241	23.66	0.232
15	64QAM	1	0	23.64	0.231	23.68	0.233	23.73	0.236
15	64QAM	1	37	23.53	0.225	23.69	0.234	23.63	0.231
15	64QAM	1	74	23.52	0.225	23.77	0.238	23.58	0.228
15	64QAM	36	0	22.50	0.178	22.79	0.190	22.41	0.174
15	64QAM	36	20	22.54	0.179	22.42	0.175	22.47	0.177
15	64QAM	36	39	22.43	0.175	22.72	0.187	22.44	0.175
15	64QAM	75	0	22.27	0.169	22.53	0.179	22.53	0.179



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				40090		40640		41190	
Frequency (MHz)				2540		2595		2650	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	25.59	0.362	25.70	0.372	25.63	0.366
10	QPSK	1	25	25.46	0.352	25.64	0.366	25.55	0.359
10	QPSK	1	49	25.58	0.361	25.43	0.349	25.50	0.355
10	QPSK	25	0	24.54	0.284	24.70	0.295	24.37	0.274
10	QPSK	25	12	24.46	0.279	24.59	0.288	24.37	0.274
10	QPSK	25	25	24.54	0.284	24.62	0.290	24.43	0.277
10	QPSK	50	0	24.59	0.288	24.71	0.296	24.49	0.281
10	16QAM	1	0	24.54	0.284	24.62	0.290	24.79	0.301
10	16QAM	1	25	24.50	0.282	24.70	0.295	24.52	0.283
10	16QAM	1	49	24.67	0.293	24.54	0.284	24.71	0.296
10	16QAM	25	0	23.38	0.218	23.72	0.236	23.40	0.219
10	16QAM	25	12	23.47	0.222	23.59	0.229	23.63	0.231
10	16QAM	25	25	23.50	0.224	23.53	0.225	23.53	0.225
10	16QAM	50	0	23.57	0.228	23.66	0.232	23.43	0.220
10	64QAM	1	0	23.52	0.225	23.70	0.234	23.74	0.237
10	64QAM	1	25	23.68	0.233	23.74	0.237	23.54	0.226
10	64QAM	1	49	23.50	0.224	23.67	0.233	23.68	0.233
10	64QAM	25	0	22.64	0.184	22.71	0.187	22.46	0.176
10	64QAM	25	12	22.63	0.183	22.51	0.178	22.53	0.179
10	64QAM	25	25	22.36	0.172	22.48	0.177	22.48	0.177
10	64QAM	50	0	22.39	0.173	22.48	0.177	22.49	0.177



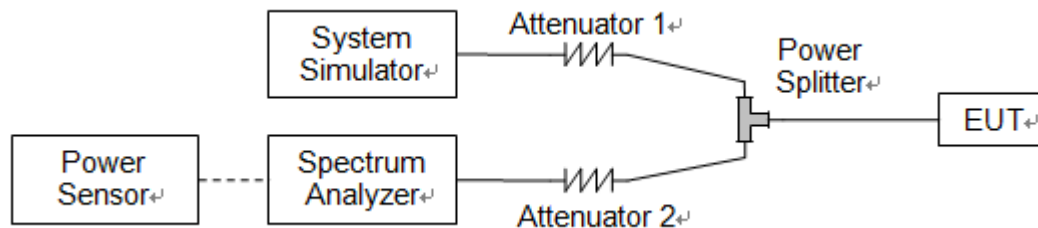
LTE Band 41				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				40065		40640		41215	
Frequency (MHz)				2537.5		2595		2652.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	25.65	0.367	25.68	0.370	25.55	0.359
5	QPSK	1	12	25.45	0.351	25.67	0.369	25.43	0.349
5	QPSK	1	24	25.43	0.349	25.36	0.344	25.45	0.351
5	QPSK	12	0	24.50	0.282	24.67	0.293	24.56	0.286
5	QPSK	12	7	24.39	0.275	24.60	0.288	24.40	0.275
5	QPSK	12	13	24.57	0.286	24.62	0.290	24.33	0.271
5	QPSK	25	0	24.50	0.282	24.57	0.286	24.49	0.281
5	16QAM	1	0	24.66	0.292	24.65	0.292	24.66	0.292
5	16QAM	1	12	24.64	0.291	24.60	0.288	24.45	0.279
5	16QAM	1	24	24.62	0.290	24.68	0.294	24.63	0.290
5	16QAM	12	0	23.69	0.234	23.66	0.232	23.64	0.231
5	16QAM	12	7	23.53	0.225	23.46	0.222	23.57	0.228
5	16QAM	12	13	23.35	0.216	23.51	0.224	23.53	0.225
5	16QAM	25	0	23.52	0.225	23.54	0.226	23.35	0.216
5	64QAM	1	0	23.47	0.222	23.65	0.232	23.64	0.231
5	64QAM	1	12	23.62	0.230	23.75	0.237	23.47	0.222
5	64QAM	1	24	23.51	0.224	23.70	0.234	23.54	0.226
5	64QAM	12	0	22.47	0.177	22.65	0.184	22.38	0.173
5	64QAM	12	7	22.51	0.178	22.63	0.183	22.49	0.177
5	64QAM	12	13	22.54	0.179	22.52	0.179	22.44	0.175
5	64QAM	25	0	22.29	0.169	22.58	0.181	22.27	0.169

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	1.0884	1.2602	PASS
B2	1.4	Low	18607	1850.7	16QAM	1.0986	1.3035	PASS
B2	1.4	Low	18607	1850.7	64QAM	1.0982	1.2780	PASS
B2	1.4	Mid	18900	1880	QPSK	1.0956	1.2724	PASS
B2	1.4	Mid	18900	1880	16QAM	1.0959	1.2836	PASS
B2	1.4	Mid	18900	1880	64QAM	1.1016	1.2905	PASS
B2	1.4	High	19193	1909.3	QPSK	1.0932	1.2790	PASS
B2	1.4	High	19193	1909.3	16QAM	1.0980	1.2870	PASS
B2	1.4	High	19193	1909.3	64QAM	1.0981	1.2894	PASS
B2	3	Low	18615	1851.5	QPSK	2.6879	2.9117	PASS
B2	3	Low	18615	1851.5	16QAM	2.6913	2.9256	PASS
B2	3	Low	18615	1851.5	64QAM	2.6942	2.9266	PASS
B2	3	Mid	18900	1880	QPSK	2.6898	2.9206	PASS
B2	3	Mid	18900	1880	16QAM	2.6889	2.9158	PASS
B2	3	Mid	18900	1880	64QAM	2.6918	2.9194	PASS
B2	3	High	19185	1908.5	QPSK	2.6892	2.9168	PASS
B2	3	High	19185	1908.5	16QAM	2.6877	2.9251	PASS
B2	3	High	19185	1908.5	64QAM	2.6916	2.9190	PASS
B2	5	Low	18625	1852.5	QPSK	4.4743	5.0385	PASS
B2	5	Low	18625	1852.5	16QAM	4.4766	5.0421	PASS
B2	5	Low	18625	1852.5	64QAM	4.4872	5.0449	PASS
B2	5	Mid	18900	1880	QPSK	4.4759	5.0164	PASS
B2	5	Mid	18900	1880	16QAM	4.4759	5.0233	PASS
B2	5	Mid	18900	1880	64QAM	4.4923	5.0027	PASS
B2	5	High	19175	1907.5	QPSK	4.4748	5.0070	PASS
B2	5	High	19175	1907.5	16QAM	4.4717	5.0151	PASS
B2	5	High	19175	1907.5	64QAM	4.4871	5.0171	PASS
B2	10	Low	18650	1855	QPSK	8.9610	9.8178	PASS
B2	10	Low	18650	1855	16QAM	8.9402	9.8111	PASS
B2	10	Low	18650	1855	64QAM	8.9591	9.8758	PASS
B2	10	Mid	18900	1880	QPSK	8.9660	9.8266	PASS
B2	10	Mid	18900	1880	16QAM	8.9324	9.7639	PASS
B2	10	Mid	18900	1880	64QAM	8.9574	9.8256	PASS
B2	10	High	19150	1905	QPSK	8.9529	9.8522	PASS
B2	10	High	19150	1905	16QAM	8.9436	10.0310	PASS



REPORT No.: SZ24050196W06

B2	10	High	19150	1905	64QAM	8.9667	9.7844	PASS
B2	15	Low	18675	1857.5	QPSK	13.424	14.705	PASS
B2	15	Low	18675	1857.5	16QAM	13.430	14.615	PASS
B2	15	Low	18675	1857.5	64QAM	13.433	14.766	PASS
B2	15	Mid	18900	1880	QPSK	13.422	14.601	PASS
B2	15	Mid	18900	1880	16QAM	13.438	14.900	PASS
B2	15	Mid	18900	1880	64QAM	13.427	14.793	PASS
B2	15	High	19125	1902.5	QPSK	13.438	14.594	PASS
B2	15	High	19125	1902.5	16QAM	13.436	14.732	PASS
B2	15	High	19125	1902.5	64QAM	13.405	14.712	PASS
B2	20	Low	18700	1860	QPSK	17.903	19.319	PASS
B2	20	Low	18700	1860	16QAM	17.916	19.350	PASS
B2	20	Low	18700	1860	64QAM	17.949	19.392	PASS
B2	20	Mid	18900	1880	QPSK	17.889	19.259	PASS
B2	20	Mid	18900	1880	16QAM	17.898	19.288	PASS
B2	20	Mid	18900	1880	64QAM	17.892	19.326	PASS
B2	20	High	19100	1900	QPSK	17.866	19.047	PASS
B2	20	High	19100	1900	16QAM	17.871	19.279	PASS
B2	20	High	19100	1900	64QAM	17.879	19.241	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	1.1226	1.9350	PASS
B4	1.4	Low	19957	1710.7	16QAM	1.1151	1.8283	PASS
B4	1.4	Low	19957	1710.7	64QAM	1.1044	1.3126	PASS
B4	1.4	Mid	20175	1732.5	QPSK	1.0933	1.3122	PASS
B4	1.4	Mid	20175	1732.5	16QAM	1.1016	1.2986	PASS
B4	1.4	Mid	20175	1732.5	64QAM	1.1000	1.2857	PASS
B4	1.4	High	20393	1754.3	QPSK	1.1174	1.7489	PASS
B4	1.4	High	20393	1754.3	16QAM	1.1129	1.6651	PASS
B4	1.4	High	20393	1754.3	64QAM	1.1030	1.3138	PASS
B4	3	Low	19965	1711.5	QPSK	2.7324	4.8065	PASS
B4	3	Low	19965	1711.5	16QAM	2.7126	4.2781	PASS
B4	3	Low	19965	1711.5	64QAM	2.7073	2.9188	PASS
B4	3	Mid	20175	1732.5	QPSK	2.6907	2.9284	PASS
B4	3	Mid	20175	1732.5	16QAM	2.6980	3.1914	PASS
B4	3	Mid	20175	1732.5	64QAM	2.6912	2.9260	PASS
B4	3	High	20385	1753.5	QPSK	2.7271	4.6240	PASS
B4	3	High	20385	1753.5	16QAM	2.7120	4.4913	PASS
B4	3	High	20385	1753.5	64QAM	2.7060	2.9344	PASS
B4	5	Low	19975	1712.5	QPSK	4.5474	9.3493	PASS
B4	5	Low	19975	1712.5	16QAM	4.5028	7.5667	PASS
B4	5	Low	19975	1712.5	64QAM	4.5065	5.0671	PASS
B4	5	Mid	20175	1732.5	QPSK	4.4759	5.0499	PASS
B4	5	Mid	20175	1732.5	16QAM	4.4775	5.0002	PASS
B4	5	Mid	20175	1732.5	64QAM	4.4872	5.0387	PASS
B4	5	High	20375	1752.5	QPSK	4.5448	9.3554	PASS
B4	5	High	20375	1752.5	16QAM	4.5057	7.2152	PASS
B4	5	High	20375	1752.5	64QAM	4.4988	5.0884	PASS
B4	10	Low	20000	1715	QPSK	9.0300	17.8934	PASS
B4	10	Low	20000	1715	16QAM	8.9814	14.9509	PASS
B4	10	Low	20000	1715	64QAM	8.9827	9.9886	PASS
B4	10	Mid	20175	1732.5	QPSK	8.9519	9.8092	PASS
B4	10	Mid	20175	1732.5	16QAM	8.9508	9.7328	PASS
B4	10	Mid	20175	1732.5	64QAM	8.9305	9.7676	PASS
B4	10	High	20350	1750	QPSK	9.3585	19.0512	PASS
B4	10	High	20350	1750	16QAM	9.0238	18.5410	PASS



REPORT No.: SZ24050196W06

B4	10	High	20350	1750	64QAM	9.0017	11.4775	PASS
B4	15	Low	20025	1717.5	QPSK	13.494	21.457	PASS
B4	15	Low	20025	1717.5	16QAM	13.493	16.118	PASS
B4	15	Low	20025	1717.5	64QAM	13.452	14.739	PASS
B4	15	Mid	20175	1732.5	QPSK	13.381	14.633	PASS
B4	15	Mid	20175	1732.5	16QAM	13.409	14.807	PASS
B4	15	Mid	20175	1732.5	64QAM	13.363	14.717	PASS
B4	15	High	20325	1747.5	QPSK	14.815	28.654	PASS
B4	15	High	20325	1747.5	16QAM	13.650	26.748	PASS
B4	15	High	20325	1747.5	64QAM	13.487	20.018	PASS
B4	20	Low	20050	1720	QPSK	17.938	19.442	PASS
B4	20	Low	20050	1720	16QAM	17.901	19.339	PASS
B4	20	Low	20050	1720	64QAM	17.942	19.614	PASS
B4	20	Mid	20175	1732.5	QPSK	17.847	19.294	PASS
B4	20	Mid	20175	1732.5	16QAM	17.826	19.215	PASS
B4	20	Mid	20175	1732.5	64QAM	17.858	19.376	PASS
B4	20	High	20300	1745	QPSK	19.024	36.689	PASS
B4	20	High	20300	1745	16QAM	18.044	28.234	PASS
B4	20	High	20300	1745	64QAM	17.983	19.634	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	1.0956	1.2739	PASS
B5	1.4	Low	20407	824.7	16QAM	1.0980	1.3008	PASS
B5	1.4	Low	20407	824.7	64QAM	1.0995	1.3431	PASS
B5	1.4	Mid	20525	836.5	QPSK	1.0923	1.2728	PASS
B5	1.4	Mid	20525	836.5	16QAM	1.0994	1.3036	PASS
B5	1.4	Mid	20525	836.5	64QAM	1.0999	1.3049	PASS
B5	1.4	High	20643	848.3	QPSK	1.0951	1.2728	PASS
B5	1.4	High	20643	848.3	16QAM	1.0962	1.2795	PASS
B5	1.4	High	20643	848.3	64QAM	1.0978	1.2913	PASS
B5	3	Low	20415	825.5	QPSK	2.6914	2.9220	PASS
B5	3	Low	20415	825.5	16QAM	2.6902	2.9348	PASS
B5	3	Low	20415	825.5	64QAM	2.6979	2.9193	PASS
B5	3	Mid	20525	836.5	QPSK	2.6887	2.9245	PASS
B5	3	Mid	20525	836.5	16QAM	2.6888	2.9416	PASS
B5	3	Mid	20525	836.5	64QAM	2.6997	3.4027	PASS
B5	3	High	20635	847.5	QPSK	2.6948	2.9288	PASS
B5	3	High	20635	847.5	16QAM	2.6961	2.9304	PASS
B5	3	High	20635	847.5	64QAM	2.6952	2.9229	PASS
B5	5	Low	20425	826.5	QPSK	4.4700	5.0038	PASS
B5	5	Low	20425	826.5	16QAM	4.4839	5.0255	PASS
B5	5	Low	20425	826.5	64QAM	4.4871	4.9973	PASS
B5	5	Mid	20525	836.5	QPSK	4.4904	5.0532	PASS
B5	5	Mid	20525	836.5	16QAM	4.4755	5.0146	PASS
B5	5	Mid	20525	836.5	64QAM	4.4886	5.0302	PASS
B5	5	High	20625	846.5	QPSK	4.4815	5.0221	PASS
B5	5	High	20625	846.5	16QAM	4.4859	5.0654	PASS
B5	5	High	20625	846.5	64QAM	4.4947	5.0605	PASS
B5	10	Low	20450	829	QPSK	8.9462	9.8067	PASS
B5	10	Low	20450	829	16QAM	8.9317	9.6189	PASS
B5	10	Low	20450	829	64QAM	8.9471	9.9097	PASS
B5	10	Mid	20525	836.5	QPSK	8.9725	9.7960	PASS
B5	10	Mid	20525	836.5	16QAM	8.9509	9.7642	PASS
B5	10	Mid	20525	836.5	64QAM	8.9674	9.8067	PASS
B5	10	High	20600	844	QPSK	8.9357	9.7665	PASS
B5	10	High	20600	844	16QAM	8.9238	9.7591	PASS



REPORT No.: SZ24050196W06

B5	10	High	20600	844	64QAM	8.9268	9.7890	PASS
----	----	------	-------	-----	-------	--------	--------	------



LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B7	5	Low	20775	2502.5	QPSK	4.4838	5.0716	PASS
B7	5	Low	20775	2502.5	16QAM	4.4852	5.0779	PASS
B7	5	Low	20775	2502.5	64QAM	4.4920	5.0159	PASS
B7	5	Mid	21100	2535	QPSK	4.4788	5.0746	PASS
B7	5	Mid	21100	2535	16QAM	4.4730	5.0922	PASS
B7	5	Mid	21100	2535	64QAM	4.4881	5.0070	PASS
B7	5	High	21425	2567.5	QPSK	4.4751	5.0020	PASS
B7	5	High	21425	2567.5	16QAM	4.4779	5.0559	PASS
B7	5	High	21425	2567.5	64QAM	4.4951	4.9994	PASS
B7	10	Low	20800	2505	QPSK	8.9613	9.8718	PASS
B7	10	Low	20800	2505	16QAM	8.9439	9.7557	PASS
B7	10	Low	20800	2505	64QAM	8.9527	9.7905	PASS
B7	10	Mid	21100	2535	QPSK	8.9492	9.8042	PASS
B7	10	Mid	21100	2535	16QAM	8.9426	9.7447	PASS
B7	10	Mid	21100	2535	64QAM	8.9650	9.8913	PASS
B7	10	High	21400	2565	QPSK	8.9567	9.8913	PASS
B7	10	High	21400	2565	16QAM	8.9522	9.6995	PASS
B7	10	High	21400	2565	64QAM	8.9603	9.7990	PASS
B7	15	Low	20825	2507.5	QPSK	13.396	14.605	PASS
B7	15	Low	20825	2507.5	16QAM	13.433	14.783	PASS
B7	15	Low	20825	2507.5	64QAM	13.421	14.676	PASS
B7	15	Mid	21100	2535	QPSK	13.432	14.710	PASS
B7	15	Mid	21100	2535	16QAM	13.431	14.753	PASS
B7	15	Mid	21100	2535	64QAM	13.432	14.865	PASS
B7	15	High	21375	2562.5	QPSK	13.432	14.725	PASS
B7	15	High	21375	2562.5	16QAM	13.450	14.748	PASS
B7	15	High	21375	2562.5	64QAM	13.432	14.763	PASS
B7	20	Low	20850	2510	QPSK	17.861	19.293	PASS
B7	20	Low	20850	2510	16QAM	17.889	19.279	PASS
B7	20	Low	20850	2510	64QAM	17.886	19.421	PASS
B7	20	Mid	21100	2535	QPSK	17.872	19.321	PASS
B7	20	Mid	21100	2535	16QAM	17.876	19.213	PASS
B7	20	Mid	21100	2535	64QAM	17.898	19.593	PASS
B7	20	High	21350	2560	QPSK	17.922	19.276	PASS
B7	20	High	21350	2560	16QAM	17.917	19.367	PASS



REPORT No.: SZ24050196W06

B7	20	High	21350	2560	64QAM	17.900	19.338	PASS
----	----	------	-------	------	-------	--------	--------	------



LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B12	1.4	Low	23017	699.7	QPSK	1.0945	1.2593	PASS
B12	1.4	Low	23017	699.7	16QAM	1.0977	1.2910	PASS
B12	1.4	Low	23017	699.7	64QAM	1.1025	1.3608	PASS
B12	1.4	Mid	23095	707.5	QPSK	1.0945	1.2894	PASS
B12	1.4	Mid	23095	707.5	16QAM	1.0973	1.2902	PASS
B12	1.4	Mid	23095	707.5	64QAM	1.0977	1.2920	PASS
B12	1.4	High	23173	715.3	QPSK	1.0946	1.2715	PASS
B12	1.4	High	23173	715.3	16QAM	1.0993	1.3092	PASS
B12	1.4	High	23173	715.3	64QAM	1.1018	1.3370	PASS
B12	3	Low	23025	700.5	QPSK	2.6873	2.9179	PASS
B12	3	Low	23025	700.5	16QAM	2.6917	2.9301	PASS
B12	3	Low	23025	700.5	64QAM	2.6953	3.2455	PASS
B12	3	Mid	23095	707.5	QPSK	2.6905	2.9185	PASS
B12	3	Mid	23095	707.5	16QAM	2.6948	2.9301	PASS
B12	3	Mid	23095	707.5	64QAM	2.6958	2.9234	PASS
B12	3	High	23165	714.5	QPSK	2.6896	2.9154	PASS
B12	3	High	23165	714.5	16QAM	2.6888	2.9274	PASS
B12	3	High	23165	714.5	64QAM	2.6993	2.9202	PASS
B12	5	Low	23035	701.5	QPSK	4.4738	5.0062	PASS
B12	5	Low	23035	701.5	16QAM	4.4683	5.0187	PASS
B12	5	Low	23035	701.5	64QAM	4.4823	5.0206	PASS
B12	5	Mid	23095	707.5	QPSK	4.4855	5.0366	PASS
B12	5	Mid	23095	707.5	16QAM	4.4759	5.0694	PASS
B12	5	Mid	23095	707.5	64QAM	4.4940	5.0335	PASS
B12	5	High	23155	713.5	QPSK	4.4774	5.0002	PASS
B12	5	High	23155	713.5	16QAM	4.4783	4.9980	PASS
B12	5	High	23155	713.5	64QAM	4.4809	4.9837	PASS
B12	10	Low	23060	704	QPSK	8.9488	9.7834	PASS
B12	10	Low	23060	704	16QAM	8.9230	9.6632	PASS
B12	10	Low	23060	704	64QAM	8.9389	9.7033	PASS
B12	10	Mid	23095	707.5	QPSK	8.9786	9.9176	PASS
B12	10	Mid	23095	707.5	16QAM	8.9538	9.7923	PASS
B12	10	Mid	23095	707.5	64QAM	8.9783	9.7834	PASS
B12	10	High	23130	711	QPSK	8.9214	9.7315	PASS
B12	10	High	23130	711	16QAM	8.9150	9.6742	PASS



REPORT No.: SZ24050196W06

B12	10	High	23130	711	64QAM	8.9429	9.8055	PASS
-----	----	------	-------	-----	-------	--------	--------	------

LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B13	5	Low	23205	779.5	QPSK	4.4759	5.0224	PASS
B13	5	Low	23205	779.5	16QAM	4.4773	5.0442	PASS
B13	5	Low	23205	779.5	64QAM	4.4913	4.9740	PASS
B13	5	Mid	23230	782	QPSK	4.4891	5.1190	PASS
B13	5	Mid	23230	782	16QAM	4.4919	5.0168	PASS
B13	5	Mid	23230	782	64QAM	4.4990	5.0239	PASS
B13	5	High	23255	784.5	QPSK	4.4877	5.2346	PASS
B13	5	High	23255	784.5	16QAM	4.4892	5.1109	PASS
B13	5	High	23255	784.5	64QAM	4.4806	5.0051	PASS
B13	10	Mid	23230	782	QPSK	8.9756	10.0197	PASS
B13	10	Mid	23230	782	16QAM	8.9678	9.8893	PASS
B13	10	Mid	23230	782	64QAM	8.9850	9.9113	PASS



LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B17	5	Low	23755	706.5	QPSK	4.4812	5.0425	PASS
B17	5	Low	23755	706.5	16QAM	4.4752	5.0453	PASS
B17	5	Low	23755	706.5	64QAM	4.4951	5.0151	PASS
B17	5	Mid	23790	710	QPSK	4.4893	4.9942	PASS
B17	5	Mid	23790	710	16QAM	4.4762	4.9854	PASS
B17	5	Mid	23790	710	64QAM	4.4928	5.0287	PASS
B17	5	High	23825	713.5	QPSK	4.4791	4.9526	PASS
B17	5	High	23825	713.5	16QAM	4.4790	4.9992	PASS
B17	5	High	23825	713.5	64QAM	4.4851	4.9597	PASS
B17	10	Low	23780	709	QPSK	8.9664	9.8479	PASS
B17	10	Low	23780	709	16QAM	8.9607	9.7369	PASS
B17	10	Low	23780	709	64QAM	8.9689	9.9261	PASS
B17	10	Mid	23790	710	QPSK	8.9501	9.8121	PASS
B17	10	Mid	23790	710	16QAM	8.9325	9.6936	PASS
B17	10	Mid	23790	710	64QAM	8.9555	9.8219	PASS
B17	10	High	23800	711	QPSK	8.9404	9.6671	PASS
B17	10	High	23800	711	16QAM	8.9199	9.6562	PASS
B17	10	High	23800	711	64QAM	8.9471	9.7720	PASS



LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B18 part22	5	Low	23965	826.5	QPSK	4.4823	5.0032	PASS
B18 part22	5	Low	23965	826.5	16QAM	4.4740	4.9809	PASS
B18 part22	5	Low	23965	826.5	64QAM	4.4857	4.9654	PASS
B18 part22	5	Mid	23970	827	QPSK	4.4803	5.0183	PASS
B18 part22	5	Mid	23970	827	16QAM	4.4678	5.0322	PASS
B18 part22	5	Mid	23970	827	64QAM	4.4877	4.9636	PASS
B18 part22	5	High	23975	827.5	QPSK	4.4824	5.0411	PASS
B18 part22	5	High	23975	827.5	16QAM	4.4804	5.0261	PASS
B18 part22	5	High	23975	827.5	64QAM	4.4869	4.9980	PASS



LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B19	5	Low	24025	832.5	QPSK	4.4838	5.0485	PASS
B19	5	Low	24025	832.5	16QAM	4.4810	5.1034	PASS
B19	5	Low	24025	832.5	64QAM	4.4896	5.0506	PASS
B19	5	Mid	24075	837.5	QPSK	4.4806	5.0311	PASS
B19	5	Mid	24075	837.5	16QAM	4.4802	4.9748	PASS
B19	5	Mid	24075	837.5	64QAM	4.4822	5.0625	PASS
B19	5	High	24125	842.5	QPSK	4.4773	4.9940	PASS
B19	5	High	24125	842.5	16QAM	4.4776	4.9967	PASS
B19	5	High	24125	842.5	64QAM	4.4787	4.9815	PASS
B19	10	Low	24050	835	QPSK	8.9766	9.8472	PASS
B19	10	Low	24050	835	16QAM	8.9646	9.7587	PASS
B19	10	Low	24050	835	64QAM	8.9655	9.8838	PASS
B19	10	Mid	24075	837.5	QPSK	8.9674	9.8415	PASS
B19	10	Mid	24075	837.5	16QAM	8.9471	9.6811	PASS
B19	10	Mid	24075	837.5	64QAM	8.9605	9.8087	PASS
B19	10	High	24100	840	QPSK	8.9555	9.8737	PASS
B19	10	High	24100	840	16QAM	8.9380	9.7342	PASS
B19	10	High	24100	840	64QAM	8.9557	9.7601	PASS
B19	15	Low	24075	837.5	QPSK	13.475	14.627	PASS
B19	15	Low	24075	837.5	16QAM	13.431	14.877	PASS
B19	15	Low	24075	837.5	64QAM	13.430	14.761	PASS
B19	15	Mid	24075	837.5	QPSK	13.423	14.748	PASS
B19	15	Mid	24075	837.5	16QAM	13.443	14.856	PASS
B19	15	Mid	24075	837.5	64QAM	13.435	15.072	PASS
B19	15	High	24075	837.5	QPSK	13.434	14.623	PASS
B19	15	High	24075	837.5	16QAM	13.421	14.717	PASS
B19	15	High	24075	837.5	64QAM	13.434	15.843	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	1.0971	1.2668	PASS
B25	1.4	Low	26047	1850.7	16QAM	1.0966	1.2908	PASS
B25	1.4	Low	26047	1850.7	64QAM	1.0984	1.2850	PASS
B25	1.4	Mid	26365	1882.5	QPSK	1.0937	1.2756	PASS
B25	1.4	Mid	26365	1882.5	16QAM	1.0983	1.3072	PASS
B25	1.4	Mid	26365	1882.5	64QAM	1.0988	1.2945	PASS
B25	1.4	High	26683	1914.3	QPSK	1.0950	1.2852	PASS
B25	1.4	High	26683	1914.3	16QAM	1.1005	1.3219	PASS
B25	1.4	High	26683	1914.3	64QAM	1.0999	1.3063	PASS
B25	3	Low	26055	1851.5	QPSK	2.6905	2.9120	PASS
B25	3	Low	26055	1851.5	16QAM	2.6932	2.9286	PASS
B25	3	Low	26055	1851.5	64QAM	2.6978	2.9193	PASS
B25	3	Mid	26365	1882.5	QPSK	2.6911	2.9200	PASS
B25	3	Mid	26365	1882.5	16QAM	2.6927	2.9295	PASS
B25	3	Mid	26365	1882.5	64QAM	2.6965	2.9099	PASS
B25	3	High	26675	1913.5	QPSK	2.6906	2.9041	PASS
B25	3	High	26675	1913.5	16QAM	2.6900	2.9252	PASS
B25	3	High	26675	1913.5	64QAM	2.6932	2.9204	PASS
B25	5	Low	26065	1852.5	QPSK	4.4811	5.1235	PASS
B25	5	Low	26065	1852.5	16QAM	4.4787	5.0396	PASS
B25	5	Low	26065	1852.5	64QAM	4.4869	5.0161	PASS
B25	5	Mid	26365	1882.5	QPSK	4.4769	5.0387	PASS
B25	5	Mid	26365	1882.5	16QAM	4.4707	5.0320	PASS
B25	5	Mid	26365	1882.5	64QAM	4.4887	5.0466	PASS
B25	5	High	26665	1912.5	QPSK	4.4725	5.0061	PASS
B25	5	High	26665	1912.5	16QAM	4.4800	5.0383	PASS
B25	5	High	26665	1912.5	64QAM	4.4910	5.0240	PASS
B25	10	Low	26090	1855	QPSK	8.9535	9.7717	PASS
B25	10	Low	26090	1855	16QAM	8.9326	9.6963	PASS
B25	10	Low	26090	1855	64QAM	8.9563	9.8155	PASS
B25	10	Mid	26365	1882.5	QPSK	8.9704	9.8532	PASS
B25	10	Mid	26365	1882.5	16QAM	8.9417	9.6664	PASS
B25	10	Mid	26365	1882.5	64QAM	8.9637	9.9005	PASS
B25	10	High	26640	1910	QPSK	8.9396	9.8255	PASS
B25	10	High	26640	1910	16QAM	8.9284	9.7532	PASS



REPORT No.: SZ24050196W06

B25	10	High	26640	1910	64QAM	8.9516	9.7935	PASS
B25	15	Low	26115	1857.5	QPSK	13.465	14.762	PASS
B25	15	Low	26115	1857.5	16QAM	13.445	14.788	PASS
B25	15	Low	26115	1857.5	64QAM	13.434	14.643	PASS
B25	15	Mid	26365	1882.5	QPSK	13.439	14.595	PASS
B25	15	Mid	26365	1882.5	16QAM	13.427	14.754	PASS
B25	15	Mid	26365	1882.5	64QAM	13.405	14.775	PASS
B25	15	High	26615	1907.5	QPSK	13.436	14.784	PASS
B25	15	High	26615	1907.5	16QAM	13.438	15.403	PASS
B25	15	High	26615	1907.5	64QAM	13.395	14.712	PASS
B25	20	Low	26140	1860	QPSK	17.908	19.824	PASS
B25	20	Low	26140	1860	16QAM	17.896	20.022	PASS
B25	20	Low	26140	1860	64QAM	17.939	19.415	PASS
B25	20	Mid	26365	1882.5	QPSK	17.894	19.620	PASS
B25	20	Mid	26365	1882.5	16QAM	17.907	19.624	PASS
B25	20	Mid	26365	1882.5	64QAM	17.906	19.322	PASS
B25	20	High	26590	1905	QPSK	17.859	19.257	PASS
B25	20	High	26590	1905	16QAM	17.904	19.319	PASS
B25	20	High	26590	1905	64QAM	17.888	19.289	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	1.0919	1.2782	PASS
B26 Part22	1.4	Low	26797	824.7	16QAM	1.0994	1.2911	PASS
B26 Part22	1.4	Low	26797	824.7	64QAM	1.0976	1.2862	PASS
B26 Part22	1.4	Mid	26915	836.5	QPSK	1.0958	1.2833	PASS
B26 Part22	1.4	Mid	26915	836.5	16QAM	1.0994	1.3042	PASS
B26 Part22	1.4	Mid	26915	836.5	64QAM	1.1012	1.2959	PASS
B26 Part22	1.4	High	27033	848.3	QPSK	1.0958	1.2749	PASS
B26 Part22	1.4	High	27033	848.3	16QAM	1.0996	1.3080	PASS
B26 Part22	1.4	High	27033	848.3	64QAM	1.1003	1.2818	PASS
B26 Part22	3	Low	26805	825.5	QPSK	2.6907	2.9095	PASS
B26 Part22	3	Low	26805	825.5	16QAM	2.6827	2.9298	PASS
B26 Part22	3	Low	26805	825.5	64QAM	2.6989	2.9281	PASS
B26 Part22	3	Mid	26915	836.5	QPSK	2.6927	2.9150	PASS
B26 Part22	3	Mid	26915	836.5	16QAM	2.6964	2.9360	PASS
B26 Part22	3	Mid	26915	836.5	64QAM	2.7035	2.9196	PASS
B26 Part22	3	High	27025	847.5	QPSK	2.6936	2.9176	PASS
B26 Part22	3	High	27025	847.5	16QAM	2.6970	2.9345	PASS
B26	3	High	27025	847.5	64QAM	2.7002	2.9187	PASS



REPORT No.: SZ24050196W06

Part22								
B26 Part22	5	Low	26815	826.5	QPSK	4.4772	5.0272	PASS
B26 Part22	5	Low	26815	826.5	16QAM	4.4830	5.0299	PASS
B26 Part22	5	Low	26815	826.5	64QAM	4.4857	5.0415	PASS
B26 Part22	5	Mid	26915	836.5	QPSK	4.4803	5.0703	PASS
B26 Part22	5	Mid	26915	836.5	16QAM	4.4713	5.0978	PASS
B26 Part22	5	Mid	26915	836.5	64QAM	4.4911	5.0175	PASS
B26 Part22	5	High	27015	846.5	QPSK	4.4858	5.0459	PASS
B26 Part22	5	High	27015	846.5	16QAM	4.4829	5.0742	PASS
B26 Part22	5	High	27015	846.5	64QAM	4.4844	5.0306	PASS
B26 Part22	10	Low	26840	829	QPSK	8.9630	9.7946	PASS
B26 Part22	10	Low	26840	829	16QAM	8.9328	9.7705	PASS
B26 Part22	10	Low	26840	829	64QAM	8.9447	9.8189	PASS
B26 Part22	10	Mid	26915	836.5	QPSK	8.9717	9.9045	PASS
B26 Part22	10	Mid	26915	836.5	16QAM	8.9565	9.7573	PASS
B26 Part22	10	Mid	26915	836.5	64QAM	8.9661	9.8695	PASS
B26 Part22	10	High	26990	844	QPSK	8.9398	9.7599	PASS
B26 Part22	10	High	26990	844	16QAM	8.9155	9.6758	PASS
B26 Part22	10	High	26990	844	64QAM	8.9435	9.7691	PASS
B26	15	Low	26865	831.5	QPSK	13.428	14.613	PASS



REPORT No.: SZ24050196W06

Part22								
B26 Part22	15	Low	26865	831.5	16QAM	13.427	14.878	PASS
B26 Part22	15	Low	26865	831.5	64QAM	13.422	14.778	PASS
B26 Part22	15	Mid	26915	836.5	QPSK	13.478	14.825	PASS
B26 Part22	15	Mid	26915	836.5	16QAM	13.445	14.779	PASS
B26 Part22	15	Mid	26915	836.5	64QAM	13.434	14.835	PASS
B26 Part22	15	High	26965	841.5	QPSK	13.387	14.617	PASS
B26 Part22	15	High	26965	841.5	16QAM	13.402	14.661	PASS
B26 Part22	15	High	26965	841.5	64QAM	13.376	14.736	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	4.4792	5.0074	PASS
B38	5	Low	37775	2572.5	16QAM	4.4813	5.0177	PASS
B38	5	Low	37775	2572.5	64QAM	4.4882	4.9402	PASS
B38	5	Mid	38000	2595	QPSK	4.4912	5.0872	PASS
B38	5	Mid	38000	2595	16QAM	4.4847	4.9657	PASS
B38	5	Mid	38000	2595	64QAM	4.4855	4.9499	PASS
B38	5	High	38225	2617.5	QPSK	4.4868	5.0614	PASS
B38	5	High	38225	2617.5	16QAM	4.4790	5.0889	PASS
B38	5	High	38225	2617.5	64QAM	4.4965	5.0307	PASS
B38	10	Low	37800	2575	QPSK	8.9569	9.9704	PASS
B38	10	Low	37800	2575	16QAM	8.9491	9.6120	PASS
B38	10	Low	37800	2575	64QAM	8.9441	9.7937	PASS
B38	10	Mid	38000	2595	QPSK	8.9755	9.9867	PASS
B38	10	Mid	38000	2595	16QAM	8.9564	9.7089	PASS
B38	10	Mid	38000	2595	64QAM	8.9663	9.9150	PASS
B38	10	High	38200	2615	QPSK	8.9504	9.9793	PASS
B38	10	High	38200	2615	16QAM	8.9444	9.7463	PASS
B38	10	High	38200	2615	64QAM	8.9468	9.8829	PASS
B38	15	Low	37825	2577.5	QPSK	13.465	14.637	PASS
B38	15	Low	37825	2577.5	16QAM	13.446	14.802	PASS
B38	15	Low	37825	2577.5	64QAM	13.411	14.807	PASS
B38	15	Mid	38000	2595	QPSK	13.441	14.419	PASS
B38	15	Mid	38000	2595	16QAM	13.449	15.036	PASS
B38	15	Mid	38000	2595	64QAM	13.396	14.586	PASS
B38	15	High	38175	2612.5	QPSK	13.373	14.517	PASS
B38	15	High	38175	2612.5	16QAM	13.401	14.872	PASS
B38	15	High	38175	2612.5	64QAM	13.409	14.614	PASS
B38	20	Low	37850	2580	QPSK	17.907	19.604	PASS
B38	20	Low	37850	2580	16QAM	17.854	19.331	PASS
B38	20	Low	37850	2580	64QAM	17.929	19.770	PASS
B38	20	Mid	38000	2595	QPSK	17.879	19.317	PASS
B38	20	Mid	38000	2595	16QAM	17.893	19.299	PASS
B38	20	Mid	38000	2595	64QAM	17.867	19.460	PASS
B38	20	High	38150	2610	QPSK	17.854	19.292	PASS
B38	20	High	38150	2610	16QAM	17.890	19.338	PASS



B38	20	High	38150	2610	64QAM	17.904	19.295	PASS
-----	----	------	-------	------	-------	--------	--------	------

LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B40-1	5	Low	38725	2307.5	QPSK	4.4787	5.0163	PASS
B40-1	5	Low	38725	2307.5	16QAM	4.4780	4.9926	PASS
B40-1	5	Low	38725	2307.5	64QAM	4.4773	4.9730	PASS
B40-1	5	Mid	38750	2310	QPSK	4.4790	4.9561	PASS
B40-1	5	Mid	38750	2310	16QAM	4.4806	5.0274	PASS
B40-1	5	Mid	38750	2310	64QAM	4.4784	4.9616	PASS
B40-1	5	High	38775	2312.5	QPSK	4.4840	5.0313	PASS
B40-1	5	High	38775	2312.5	16QAM	4.4764	4.9476	PASS
B40-1	5	High	38775	2312.5	64QAM	4.4842	4.9141	PASS
B40-1	10	Mid	38750	2310	QPSK	8.9330	9.6859	PASS
B40-1	10	Mid	38750	2310	16QAM	8.9308	9.6868	PASS
B40-1	10	Mid	38750	2310	64QAM	8.9511	9.8357	PASS

LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B40-2	5	Low	39175	2352.5	QPSK	4.5700	9.4203	PASS
B40-2	5	Low	39175	2352.5	16QAM	4.5059	7.3590	PASS
B40-2	5	Low	39175	2352.5	64QAM	4.5047	5.1077	PASS
B40-2	5	Mid	39200	2355	QPSK	4.5850	9.3336	PASS
B40-2	5	Mid	39200	2355	16QAM	4.5129	7.4768	PASS
B40-2	5	Mid	39200	2355	64QAM	4.4928	5.0746	PASS
B40-2	5	High	39225	2357.5	QPSK	4.5714	9.3787	PASS
B40-2	5	High	39225	2357.5	16QAM	4.5062	7.1039	PASS
B40-2	5	High	39225	2357.5	64QAM	4.5008	5.0905	PASS
B40-2	10	Mid	39200	2355	QPSK	9.0931	18.7193	PASS
B40-2	10	Mid	39200	2355	16QAM	8.9862	15.1385	PASS
B40-2	10	Mid	39200	2355	64QAM	8.9718	12.4412	PASS



LTE Band	BW (MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B41(2535-2655)	5	Low	40065	2537.5	QPSK	4.4745	5.0144	PASS
B41(2535-2655)	5	Low	40065	2537.5	16QAM	4.4772	5.0085	PASS
B41(2535-2655)	5	Low	40065	2537.5	64QAM	4.4826	4.9814	PASS
B41(2535-2655)	5	Mid	40640	2595	QPSK	4.4923	5.0587	PASS
B41(2535-2655)	5	Mid	40640	2595	16QAM	4.4809	5.0143	PASS
B41(2535-2655)	5	Mid	40640	2595	64QAM	4.4934	4.9685	PASS
B41(2535-2655)	5	High	41215	2652.5	QPSK	4.4852	5.0186	PASS
B41(2535-2655)	5	High	41215	2652.5	16QAM	4.4774	4.9922	PASS
B41(2535-2655)	5	High	41215	2652.5	64QAM	4.4902	4.9909	PASS
B41(2535-2655)	10	Low	40090	2540	QPSK	8.9617	9.7235	PASS
B41(2535-2655)	10	Low	40090	2540	16QAM	8.9368	9.7627	PASS
B41(2535-2655)	10	Low	40090	2540	64QAM	8.9658	9.8095	PASS
B41(2535-2655)	10	Mid	40640	2595	QPSK	8.9455	10.0292	PASS
B41(2535-2655)	10	Mid	40640	2595	16QAM	8.9402	9.7763	PASS
B41(2535-2655)	10	Mid	40640	2595	64QAM	8.9654	9.8617	PASS
B41(2535-2655)	10	High	41190	2650	QPSK	8.9593	9.9615	PASS
B41(2535-2655)	10	High	41190	2650	16QAM	8.9480	9.9145	PASS
B41(2535-2655)	10	High	41190	2650	64QAM	8.954	9.7761	PASS



REPORT No.: SZ24050196W06

5)						0		
B41(2535-265 5)	15	Low	40115	2542.5	QPSK	13.40 6	14.557	PASS
B41(2535-265 5)	15	Low	40115	2542.5	16QAM	13.44 8	14.615	PASS
B41(2535-265 5)	15	Low	40115	2542.5	64QAM	13.42 8	14.547	PASS
B41(2535-265 5)	15	Mid	40640	2595	QPSK	13.42 3	14.551	PASS
B41(2535-265 5)	15	Mid	40640	2595	16QAM	13.43 2	14.495	PASS
B41(2535-265 5)	15	Mid	40640	2595	64QAM	13.42 5	14.593	PASS
B41(2535-265 5)	15	High	41165	2647.5	QPSK	13.44 1	14.449	PASS
B41(2535-265 5)	15	High	41165	2647.5	16QAM	13.44 1	14.690	PASS
B41(2535-265 5)	15	High	41165	2647.5	64QAM	13.41 9	14.652	PASS
B41(2535-265 5)	20	Low	40140	2545	QPSK	17.85 1	19.320	PASS
B41(2535-265 5)	20	Low	40140	2545	16QAM	17.86 9	19.307	PASS
B41(2535-265 5)	20	Low	40140	2545	64QAM	17.86 8	19.377	PASS
B41(2535-265 5)	20	Mid	40640	2595	QPSK	17.87 4	19.510	PASS
B41(2535-265 5)	20	Mid	40640	2595	16QAM	17.89 7	19.280	PASS
B41(2535-265 5)	20	Mid	40640	2595	64QAM	17.91 0	19.440	PASS
B41(2535-265 5)	20	High	41140	2645	QPSK	17.87 7	19.137	PASS
B41(2535-265 5)	20	High	41140	2645	16QAM	17.87 5	19.246	PASS
B41(2535-265 5)	20	High	41140	2645	64QAM	17.93 2	19.104	PASS



B2 / 1.4MHz / QPSK/ Low CH



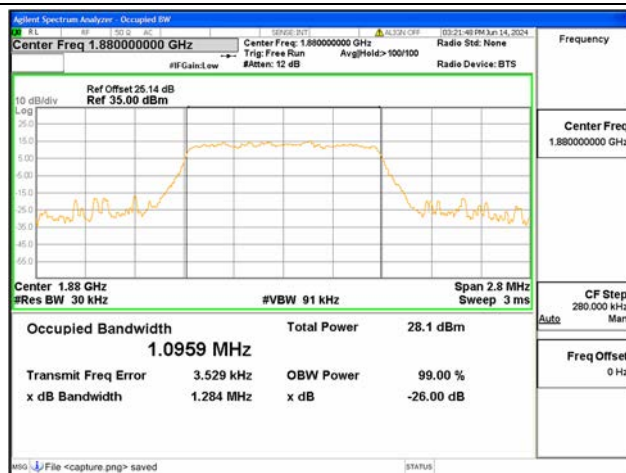
B2 / 1.4MHz / 16QAM/ Low CH



B2 / 1.4MHz / 64QAM/ Low CH



B2 / 1.4MHz / QPSK/ Mid CH



B2 / 1.4MHz / 16QAM/ Mid CH



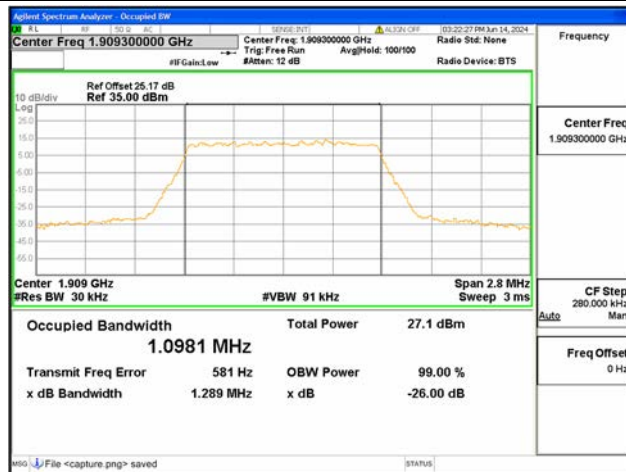
B2 / 1.4MHz / 64QAM/ Mid CH



B2 / 1.4MHz / QPSK/ High CH



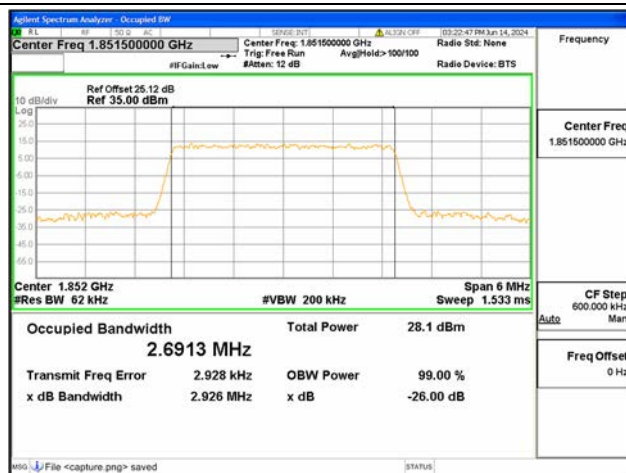
B2 / 1.4MHz / 16QAM/ High CH



B2 / 1.4MHz / 64QAM/ High CH



B2 / 3MHz / QPSK/ Low CH



B2 / 3MHz / 16QAM/ Low CH



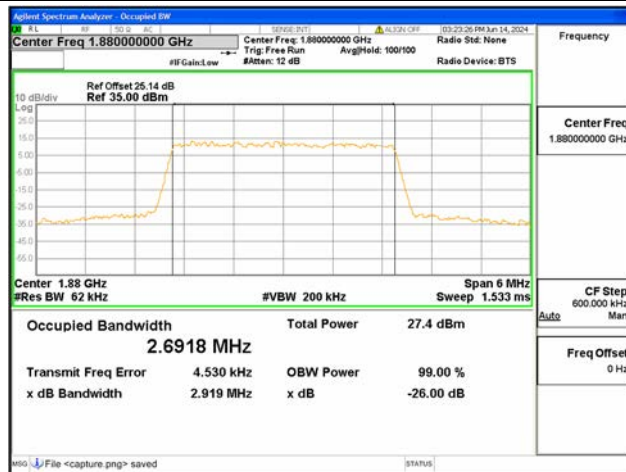
B2 / 3MHz / 64QAM/ Low CH



B2 / 3MHz / QPSK/ Mid CH



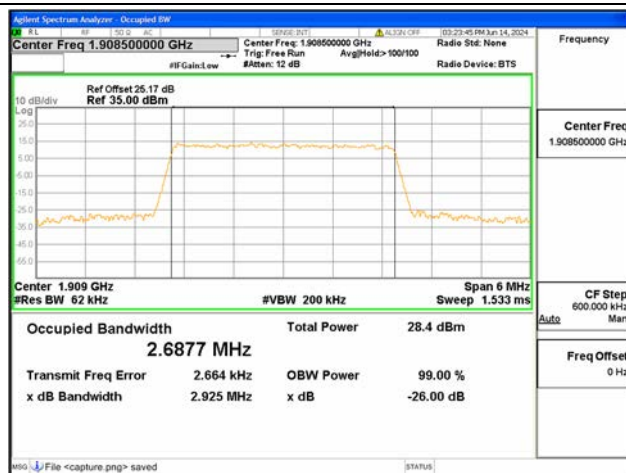
B2 / 3MHz / 16QAM/ Mid CH



B2 / 3MHz / 64QAM/ Mid CH



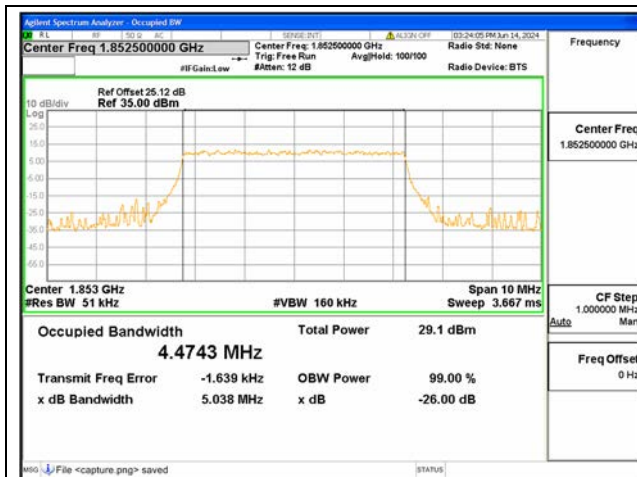
B2 / 3MHz / QPSK/ High CH



B2 / 3MHz / 16QAM/ High CH



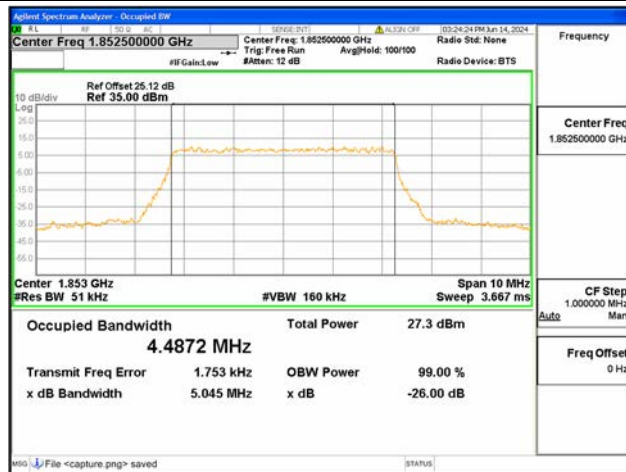
B2 / 3MHz / 64QAM/ High CH



B2 / 5MHz / QPSK/ Low CH



B2 / 5MHz / 16QAM/ Low CH



B2 / 5MHz / 64QAM/ Low CH



B2 / 5MHz / QPSK/ Mid CH



B2 / 5MHz / 16QAM/ Mid CH



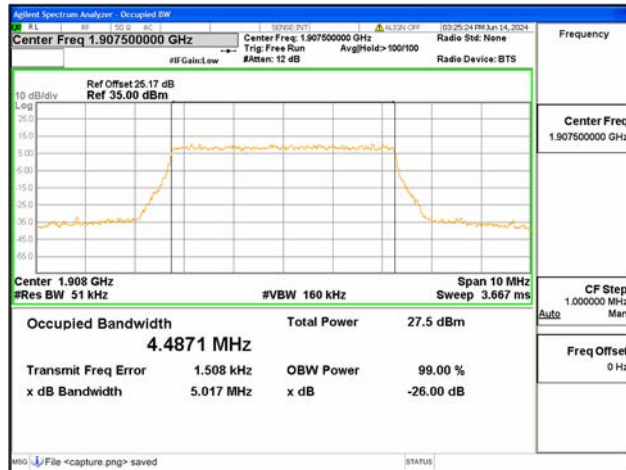
B2 / 5MHz / 64QAM/ Mid CH



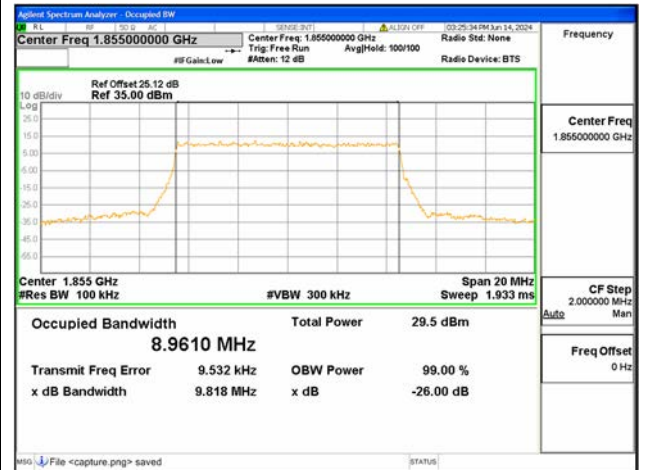
B2 / 5MHz / QPSK/ High CH



B2 / 5MHz / 16QAM/ High CH



B2 / 5MHz / 64QAM/ High CH



B2 / 10MHz / QPSK/ Low CH



B2 / 10MHz / 16QAM/ Low CH



B2 / 10MHz / 64QAM/ Low CH



B2 / 10MHz / QPSK/ Mid CH



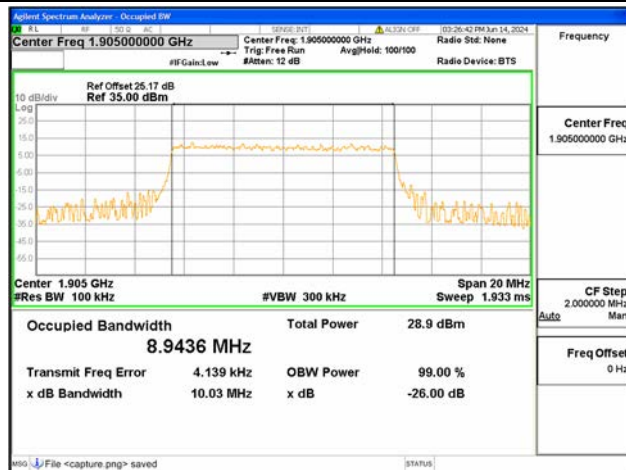
B2 / 10MHz / 16QAM/ Mid CH



B2 / 10MHz / 64QAM/ Mid CH



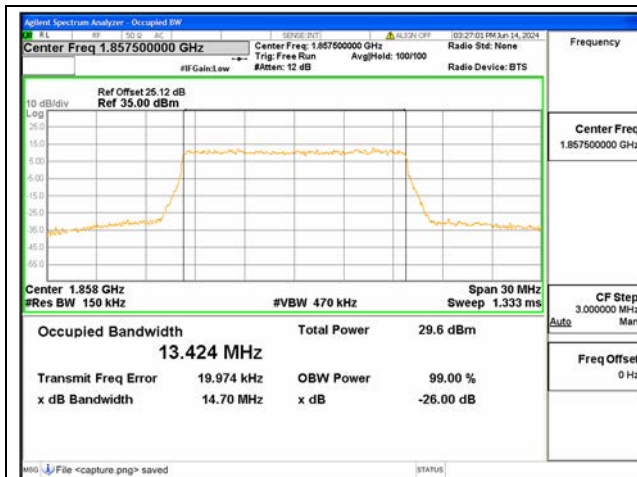
B2 / 10MHz / QPSK/ High CH



B2 / 10MHz / 16QAM/ High CH



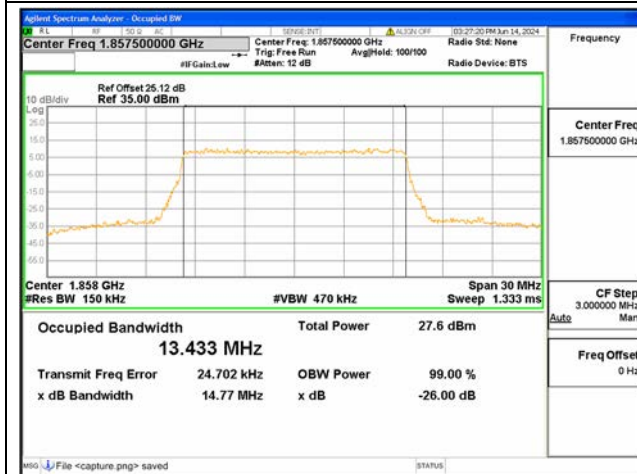
B2 / 10MHz / 64QAM/ High CH



B2 / 15MHz / QPSK/ Low CH



B2 / 15MHz / 16QAM/ Low CH



B2 / 15MHz / 64QAM/ Low CH



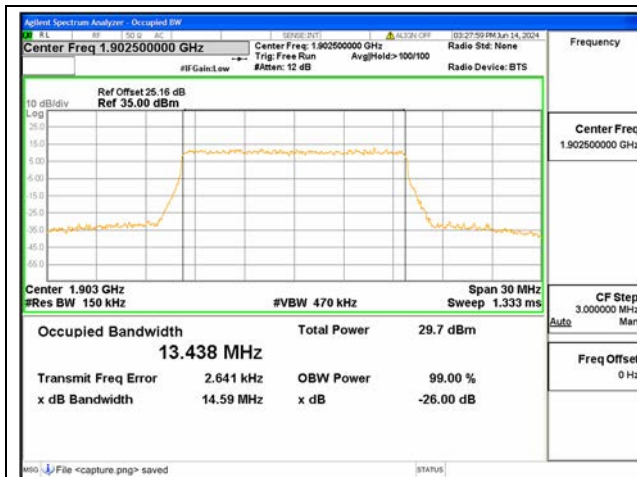
B2 / 15MHz / QPSK/ Mid CH



B2 / 15MHz / 16QAM/ Mid CH



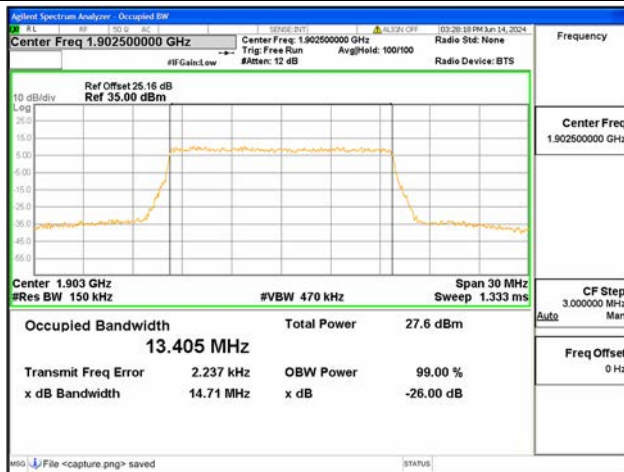
B2 / 15MHz / 64QAM/ Mid CH



B2 / 15MHz / QPSK/ High CH



B2 / 15MHz / 16QAM/ High CH



B2 / 15MHz / 64QAM/ High CH



B2 / 20MHz / QPSK/ Low CH



B2 / 20MHz / 16QAM/ Low CH



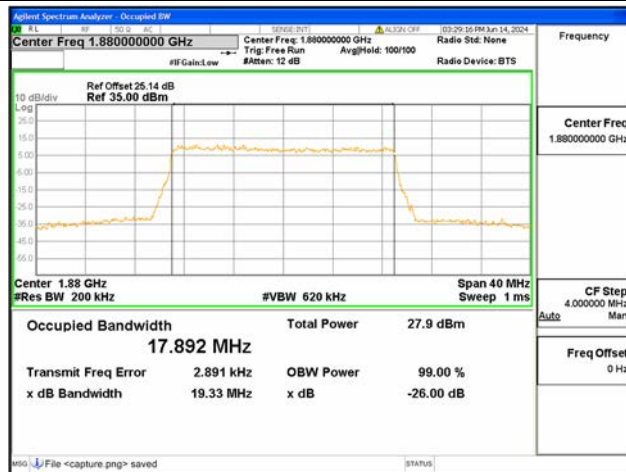
B2 / 20MHz / 64QAM/ Low CH



B2 / 20MHz / QPSK/ Mid CH



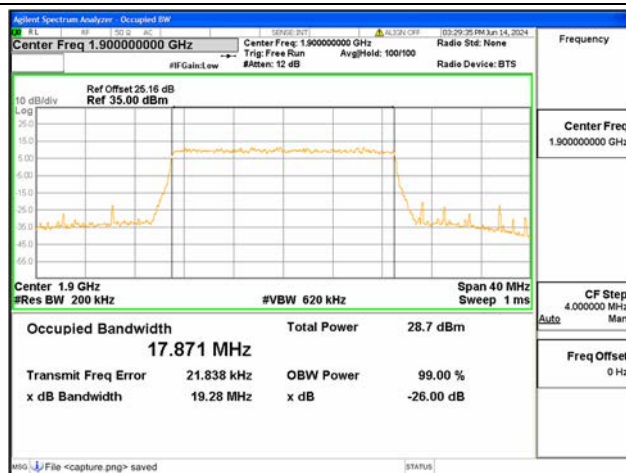
B2 / 20MHz / 16QAM/ Mid CH



B2 / 20MHz / 64QAM/ Mid CH



B2 / 20MHz / QPSK/ High CH



B2 / 20MHz / 16QAM/ High CH



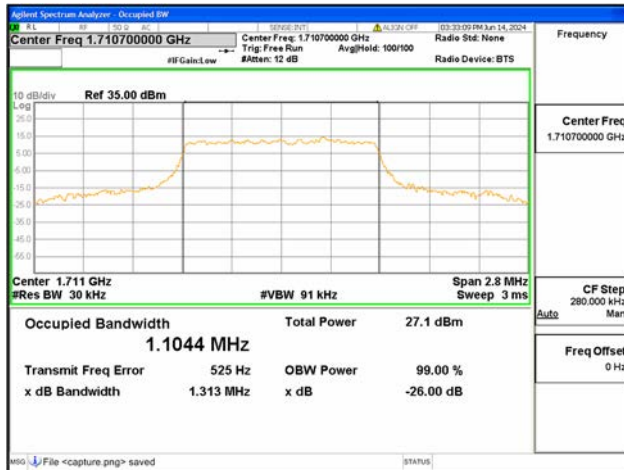
B2 / 20MHz / 64QAM/ High CH



B4 / 1.4MHz / QPSK/ Low CH



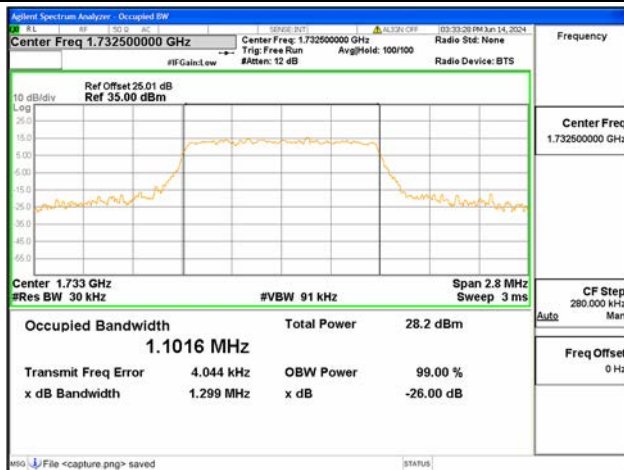
B4 / 1.4MHz / 16QAM/ Low CH



B4 / 1.4MHz / 64QAM/ Low CH



B4 / 1.4MHz / QPSK/ Mid CH



B4 / 1.4MHz / 16QAM/ Mid CH



B4 / 1.4MHz / 64QAM/ Mid CH

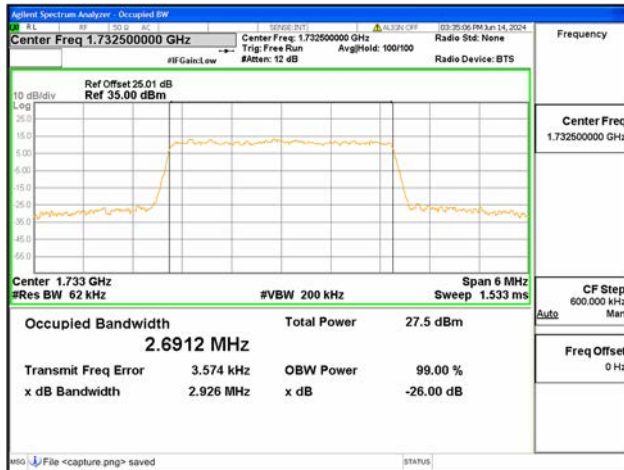




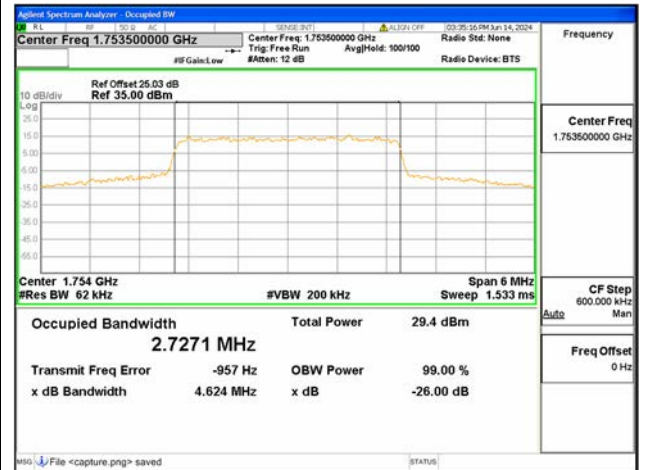
B4 / 3MHz / QPSK/ Mid CH



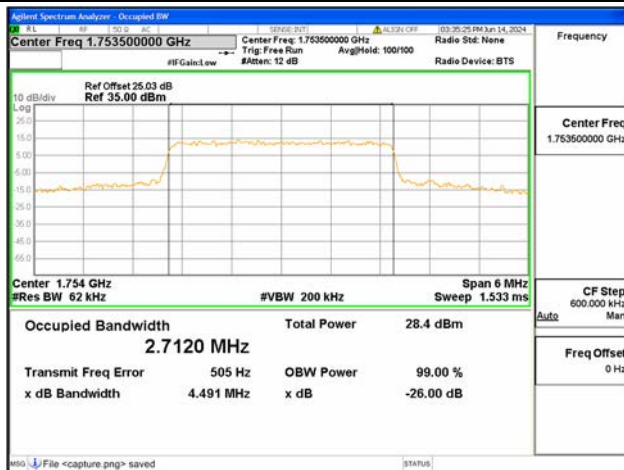
B4 / 3MHz / 16QAM/ Mid CH



B4 / 3MHz / 64QAM/ Mid CH



B4 / 3MHz / QPSK/ High CH



B4 / 3MHz / 16QAM/ High CH



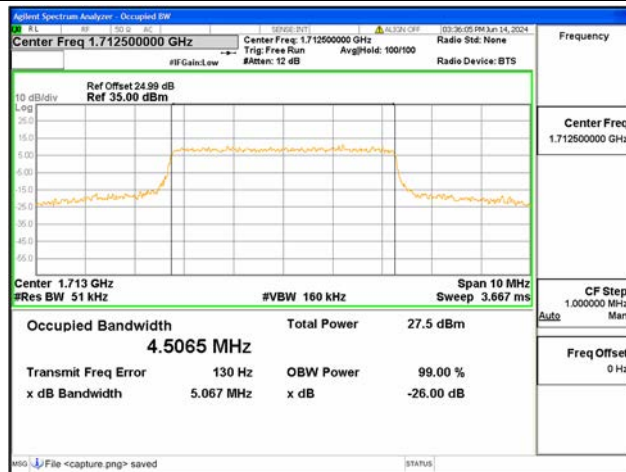
B4 / 3MHz / 64QAM/ High CH



B4 / 5MHz / QPSK/ Low CH



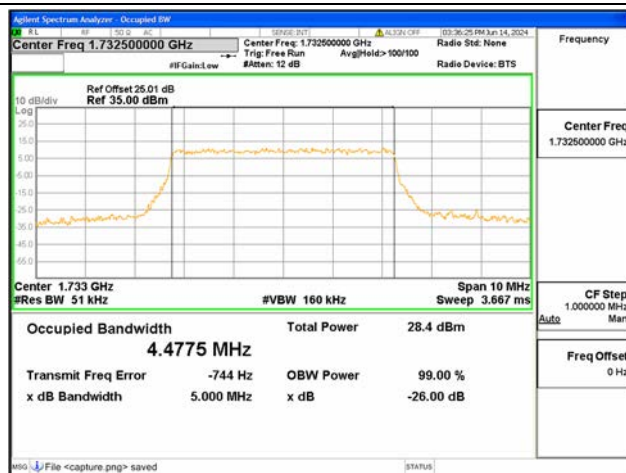
B4 / 5MHz / 16QAM/ Low CH



B4 / 5MHz / 64QAM/ Low CH



B4 / 5MHz / QPSK/ Mid CH



B4 / 5MHz / 16QAM/ Mid CH



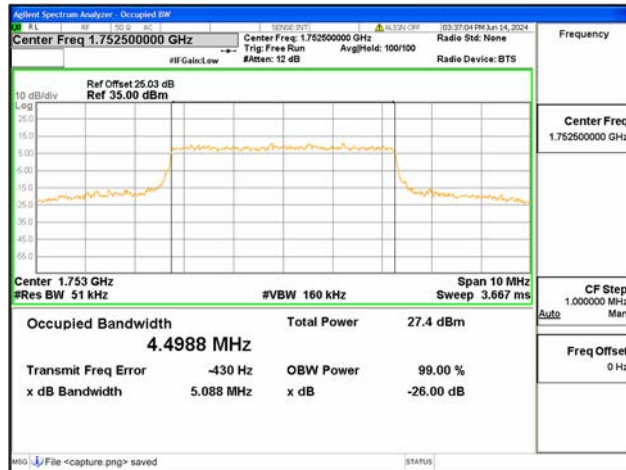
B4 / 5MHz / 64QAM/ Mid CH



B4 / 5MHz / QPSK/ High CH



B4 / 5MHz / 16QAM/ High CH



B4 / 5MHz / 64QAM/ High CH



B4 / 10MHz / QPSK/ Low CH



B4 / 10MHz / 16QAM/ Low CH



B4 / 10MHz / 64QAM/ Low CH



B4 / 10MHz / QPSK/ Mid CH



B4 / 10MHz / 16QAM/ Mid CH



B4 / 10MHz / 64QAM/ Mid CH



B4 / 10MHz / QPSK/ High CH



B4 / 10MHz / 16QAM/ High CH



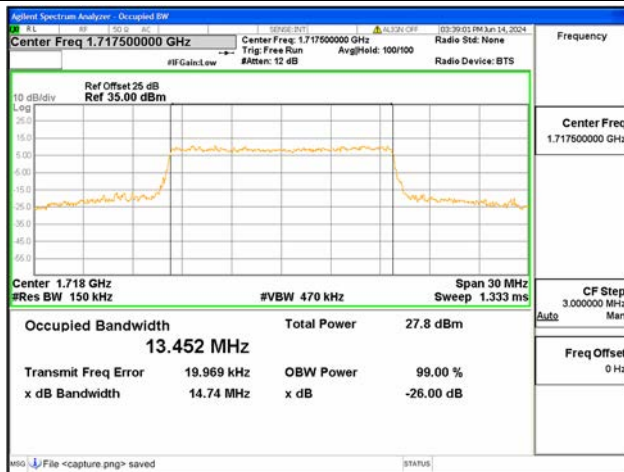
B4 / 10MHz / 64QAM/ High CH



B4 / 15MHz / QPSK/ Low CH



B4 / 15MHz / 16QAM/ Low CH



B4 / 15MHz / 64QAM/ Low CH



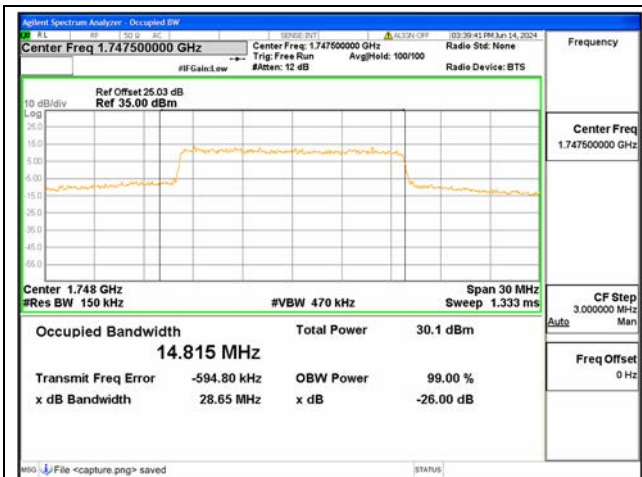
B4 / 15MHz / QPSK/ Mid CH



B4 / 15MHz / 16QAM/ Mid CH



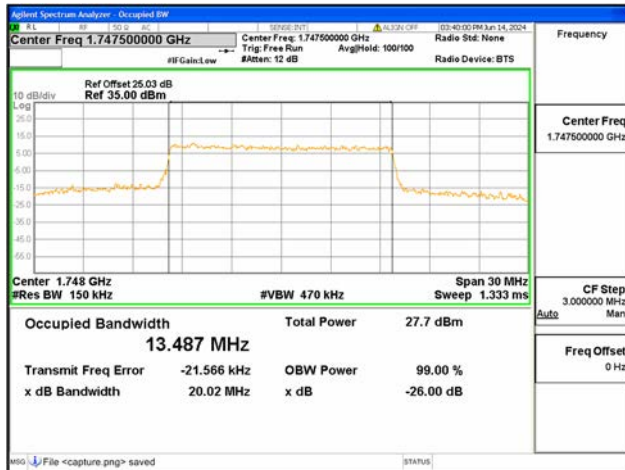
B4 / 15MHz / 64QAM/ Mid CH



B4 / 15MHz / QPSK/ High CH



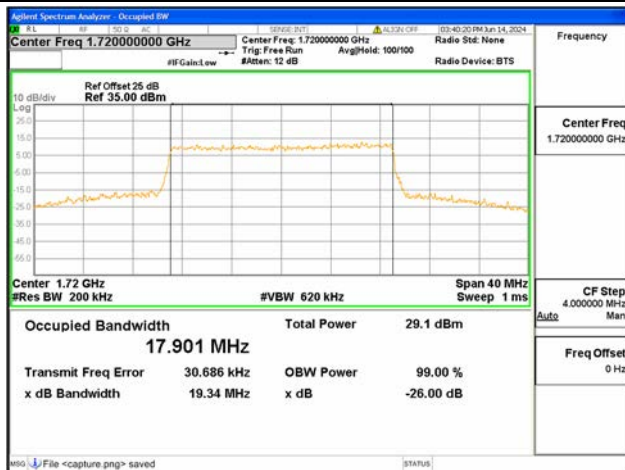
B4 / 15MHz / 16QAM/ High CH



B4 / 15MHz / 64QAM/ High CH



B4 / 20MHz / QPSK/ Low CH



B4 / 20MHz / 16QAM/ Low CH



B4 / 20MHz / 64QAM/ Low CH



B4 / 20MHz / QPSK/ Mid CH



B4 / 20MHz / 16QAM/ Mid CH



B4 / 20MHz / 64QAM/ Mid CH



B4 / 20MHz / QPSK/ High CH



B4 / 20MHz / 16QAM/ High CH



B4 / 20MHz / 64QAM/ High CH



B5 / 1.4MHz / QPSK/ Low CH



B5 / 1.4MHz / 16QAM/ Low CH



B5 / 1.4MHz / 64QAM/ Low CH



B5 / 1.4MHz / QPSK/ Mid CH



B5 / 1.4MHz / 16QAM/ Mid CH



B5 / 1.4MHz / 64QAM/ Mid CH



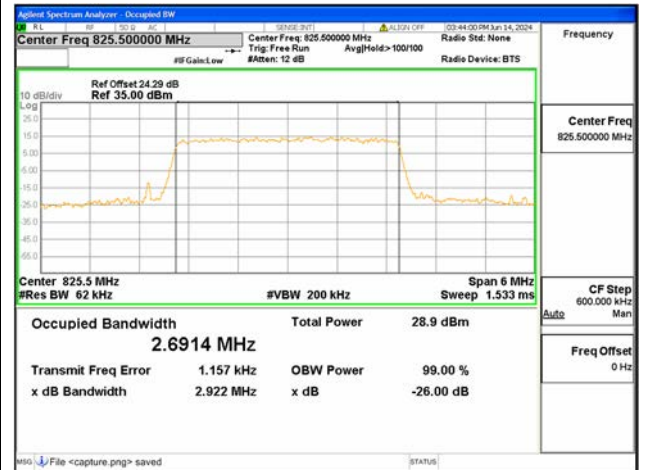
B5 / 1.4MHz / QPSK/ High CH



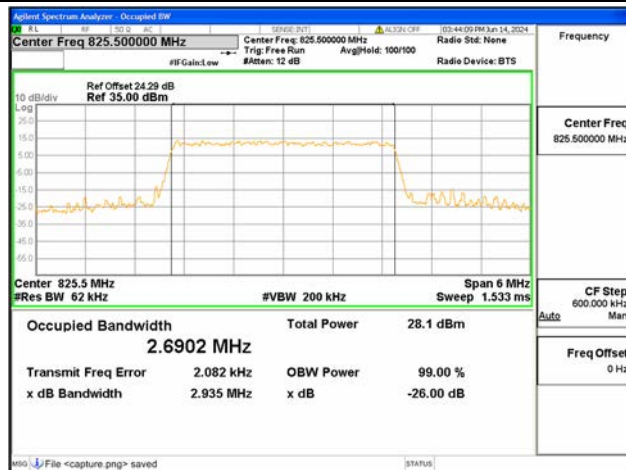
B5 / 1.4MHz / 16QAM/ High CH



B5 / 1.4MHz / 64QAM/ High CH



B5 / 3MHz / QPSK/ Low CH



B5 / 3MHz / 16QAM/ Low CH



B5 / 3MHz / 64QAM/ Low CH