



TEST REPORT

APPLICANT : Rhino Mobility LLC

PRODUCT NAME : Smartphone

MODEL NAME : C6R

BRAND NAME : RHINO

FCC ID : 2AUOUC6R

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
47 CFR Part 27, Subpart L&M&N

RECEIPT DATE : 2023-08-04

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Change History		
Version	Date	Reason for change
1.0	2023-11-28	First edition



1. Technical Information

Note: Provide by applicant.

1.1. Applicant and Manufacturer Information

Applicant:	Rhino Mobility LLC
Applicant Address:	8 The Green, Suite A, Dover, Delaware, 19901, USA
Manufacturer:	Rhino Mobility LLC
Manufacturer Address:	8 The Green, Suite A, Dover, Delaware, 19901, USA

1.2. Equipment Under Test (EUT) Description

Product Name:	Smartphone	
Sample No.:	1#	
Hardware Version:	Q6010R_MB_V1.0	
Software Version:	C6R(001)_20231103	
Modulation Type:	QPSK, 16QAM, 64QAM	
Operation Band:	Band 2 / 4 / 5 / 7 / 12 / 13 / 17 / 18 / 19 / 25 / 26 / 30 / 41 / 66 / 71 Band 29 only support receiver	
Carrier Aggregation:	CA_7C, CA_41C	
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 29	Rx: 717MHz–728MHz
	LTE Band 30	Tx: 2305MHz–2315MHz
Rx: 2350MHz–2360MHz		
LTE Band 41	Tx: 2496MHz–2690MHz	
	Rx: 2496MHz–2690MHz	
LTE Band 66	Tx: 1710MHz –1780MHz	
	Rx: 2110MHz–2200MHz	
LTE Band 71	Tx: 663MHz–698MHz	
	Rx: 617MHz–652MHz	
Channel Bandwidth:	LTE Band 2	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
	LTE Band 4	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
	LTE Band 5	1.4MHz, 3MHz, 5MHz, 10MHz
	LTE Band 7	5 MHz, 10MHz, 15MHz, 20MHz
	LTE Band 12	1.4MHz, 3 MHz, 5 MHz, 10MHz
	LTE Band 13	5 MHz, 10MHz
	LTE Band 17	5 MHz, 10MHz
	LTE Band 18	5 MHz
	LTE Band 19	5 MHz, 10MHz, 15MHz
	LTE Band 25	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
	LTE Band 26	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz
	LTE Band 30	5 MHz, 10MHz
	LTE Band 41	5 MHz, 10MHz, 15MHz, 20MHz
	LTE Band 66	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
LTE Band 71	5MHz, 10MHz, 15MHz, 20MHz	
Antenna Type:	PIFA Antenna	
Antenna Gain:	LTE Band 2	1.62dBi
	LTE Band 4	2.23dBi
	LTE Band 5	-0.55dBi
	LTE Band 7	1.55dBi



Antenna Gain:	LTE Band 12	-2.47dBi
	LTE Band 13	-2.59dBi
	LTE Band 17	-0.61dBi
	LTE Band 18	-1.13dBi
	LTE Band 19	-0.55dBi
	LTE Band 25	1.62dBi
	LTE Band 26	-0.55dBi
	LTE Band 30	1.69dBi
	LTE Band 41	1.91dBi
	LTE Band 66	2.27dBi
	LTE Band 71	-0.87dBi
Accessory Information:	Battery	
	Brand Name:	N/A
	Model No.:	BPC6R
	Serial No.:	N/A
	Capacity:	4000mAh
	Rated Voltage:	3.85V
	Charge Limit:	4.4V
	Manufacturer:	Phenix New Energy (Huizhou) Co., Ltd.
	AC Adapter	
	Brand Name:	RHINO
	Model No.:	TPA-10S120150UU01
	Serial No.:	N/A
	Rated Output:	3.6V-6.0V=3.0A; 6.0V-9.0V=2.0A; 9.0V-12.0V=1.5A
	Rated Input:	100-240V~50/60Hz, 0.6A
	Manufacturer:	Shenzhen Tianyin Electronics Co., Ltd.
	USB Cable 1	
	Model No.:	188.123022001-09
	Manufacturer:	Yibin Ruirun Electronics Co., Ltd.
	USB Cable 2	
	Model No.:	188.123022002-09
	Manufacturer:	Yibin Ruirun Electronics Co., Ltd.
USB Cable 3		
Model No.:	USB TYPE A TO C 2.0 Cable 2.0m	
Manufacturer:	HUIZHOU WASHIN ELECTRONICTS CO.,LTD.	



Accessory Information:	USB Cable 4	
	Model No.:	USB TYPE A TO C 2.0 Cable 1.0m
	Manufacturer:	HUIZHOU WASHIN ELECTRONICTS 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	0.199	0.163	0.130	18M0G7D	18M0W7D	18M0W7D	
15	0.197	0.163	0.127	13M5G7D	13M5W7D	13M4W7D	
10	0.198	0.165	0.129	8M99G7D	8M97W7D	8M99W7D	
5	0.198	0.163	0.131	4M50G7D	4M50W7D	4M51W7D	
3	0.196	0.165	0.127	2M70G7D	2M70W7D	2M70W7D	
1.4	0.196	0.165	0.131	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	0.312	0.254	0.204	18M0G7D	18M0W7D	18M0W7D	
15	0.310	0.262	0.202	13M4G7D	13M5W7D	13M5W7D	
10	0.310	0.259	0.202	9M01G7D	8M97W7D	8M99W7D	
5	0.309	0.258	0.199	4M51G7D	4M51W7D	4M52W7D	
3	0.308	0.259	0.206	2M71G7D	2M71W7D	2M71W7D	
1.4	0.310	0.259	0.203	1M10G7D	1M10W7D	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	0.104	0.084	0.065	9M02G7D	8M98W7D	9M00W7D	
5	0.103	0.084	0.068	4M51G7D	4M51W7D	4M51W7D	
3	0.103	0.086	0.068	2M71G7D	2M71W7D	2M71W7D	
1.4	0.102	0.087	0.065	1M10G7D	1M11W7D	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	0.269	0.221	0.172	18M0G7D	18M0W7D	18M0W7D	
15	0.266	0.220	0.174	13M5G7D	13M5W7D	13M5W7D	
10	0.267	0.214	0.172	9M00G7D	8M98W7D	8M99W7D	
5	0.265	0.215	0.174	4M51G7D	4M51W7D	4M52W7D	
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	0.233	0.191	0.148	9M00G7D	8M99W7D	9M01W7D	
5	0.232	0.189	0.150	4M51G7D	4M52W7D	4M52W7D	
3	0.229	0.186	0.150	2M71G7D	2M71W7D	2M71W7D	
1.4	0.230	0.189	0.150	1M10G7D	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		0.072	0.058	0.047	8M99G7D	8M95W7D	8M95W7D
5		0.071	0.060	0.046	4M52G7D	4M52W7D	4M52W7D
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		0.113	0.091	0.073	9M01G7D	8M99W7D	8M99W7D
5		0.112	0.092	0.074	4M51G7D	4M53W7D	4M51W7D
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		0.090	0.074	0.058	4M51G7D	4M52W7D	4M52W7D
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		0.099	0.081	0.065	13M5G7D	13M4W7D	13M4W7D
10		0.098	0.083	0.065	8M97G7D	8M96W7D	8M97W7D
5		0.098	0.086	0.067	4M52G7D	4M52W7D	4M51W7D
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		0.201	0.162	0.128	17M9G7D	17M9W7D	17M9W7D
15		0.200	0.159	0.128	13M5G7D	13M5W7D	13M5W7D
10		0.200	0.163	0.127	8M98G7D	8M98W7D	8M98W7D
5		0.198	0.159	0.129	4M51G7D	4M51W7D	4M51W7D
3		0.200	0.161	0.127	2M70G7D	2M70W7D	2M71W7D
1.4		0.199	0.161	0.129	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		0.103	0.083	0.067	13M5G7D	13M5W7D	13M5W7D
10		0.102	0.083	0.065	8M99G7D	8M99W7D	9M01W7D
5		0.102	0.082	0.064	4M52G7D	4M51W7D	4M51W7D
3		0.101	0.080	0.065	2M70G7D	2M70W7D	2M71W7D
1.4		0.101	0.082	0.065	1M10G7D	1M11W7D	1M10W7D
LTE Band 30		Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10		0.285	0.232	0.186	8M98G7D	8M94W7D	8M99W7D
5		0.283	0.234	0.180	4M50G7D	4M51W7D	4M51W7D



LTE Band 66	Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
	BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM
20	0.329	0.261	0.208	18M0G7D	18M0W7D	18M0W7D
15	0.327	0.258	0.207	13M5G7D	13M5W7D	13M5W7D
10	0.326	0.258	0.207	9M00G7D	8M99W7D	8M99W7D
5	0.325	0.262	0.207	4M51G7D	4M51W7D	4M52W7D
3	0.324	0.262	0.210	2M71G7D	2M71W7D	2M71W7D
1.4	0.323	0.264	0.205	1M10G7D	1M11W7D	1M10W7D
LTE Band 71	Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
	BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM
20	0.092	0.076	0.061	18M0G7D	18M0W7D	18M0W7D
15	0.091	0.077	0.061	13M5G7D	13M5W7D	13M5W7D
10	0.091	0.075	0.061	9M01G7D	8M99W7D	9M00W7D
5	0.091	0.079	0.061	4M51G7D	4M51W7D	4M51W7D

LTE Band 41	Maximum E.R.P./E.I.R.P. (W)					
	Power Class 2			Power Class 3		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20	0.546	0.436	0.339	0.368	0.295	0.239
15	0.542	0.433	0.344	0.366	0.310	0.245
10	0.541	0.430	0.339	0.364	0.303	0.240
5	0.538	0.433	0.347	0.365	0.301	0.238
LTE Band 41	Emission Designator (99%OBW)					
	BW(MHz)	QPSK		16QAM		64QAM
20	18M0G7D		18M0W7D		18M0W7D	
15	13M5G7D		13M5W7D		13M5W7D	
10	8M99G7D		8M97W7D		8M99W7D	
5	4M51G7D		4M51W7D		4M52W7D	



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.	Nov. 24, 2023	Zheng Jianhua Gan Jing	PASS	No deviation
2.1049	Occupied Bandwidth	Nov. 24&28, 2023	Gan Jing	PASS	No deviation
2.1055 22.355 24.235 27.54	Frequency Stability	Nov. 28, 2023	Gan Jing	PASS	No deviation
24.232(d), 27.50(d)(5)	Peak to Average Radio	Nov. 24, 2023	Gan Jing	PASS	No deviation
2.1051 22.917(a) 24.238(a) 27.53(a)(4) 27.53(c)(2) 27.53(g) 27.53(h) 27.53(m)(4)	Conducted Spurious Emissions	Nov. 24, 2023	Gan Jing	PASS	No deviation



2.1051 22.917(a) 24.238(a) 27.53(a)(4) 27.53(c)(2) 27.53(g) 27.53(h) 27.53(m)(4)	Band Edge	Nov. 28, 2023	Gan Jing	PASS	No deviation
2.1053 22.917(a) 24.238(a) 27.53(a)(4) 27.53(c)(2) 27.53(g) 27.53(h) 27.53(m)(4)	Radiated Spurious Emissions	Oct. 26, 2023	Lin Jiayong	PASS	No deviation

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

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

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

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

1.5. Environmental Conditions

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

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



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

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

2.1.1. Requirement

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

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

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

According to FCC section 22.913 (a)(2) for LTE Band 5/18/19/26, 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 7/41, Mobile and other user stations. Mobile stations are limited to 2 watts E.I.R.P. All user stations are limited to 2 watts transmitter output power.

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

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

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



2.1.4. Result

Conducted Output Power

LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18700	18900	19100
Frequency (MHz)				1860	1880	1900
20	QPSK	1	0	21.27	21.36	21.30
20	QPSK	1	49	21.31	21.30	21.23
20	QPSK	1	99	21.16	21.27	21.25
20	QPSK	50	0	20.33	20.50	20.49
20	QPSK	50	24	20.25	20.35	20.30
20	QPSK	50	50	20.35	20.37	20.25
20	QPSK	100	0	20.23	20.29	20.29
20	16QAM	1	0	20.39	20.49	20.39
20	16QAM	1	49	20.49	20.34	20.41
20	16QAM	1	99	20.46	20.30	20.40
20	16QAM	50	0	19.45	19.44	19.38
20	16QAM	50	24	19.30	19.40	19.34
20	16QAM	50	50	19.50	19.20	19.26
20	16QAM	100	0	19.27	19.47	19.54
20	64QAM	1	0	19.29	19.28	19.23
20	64QAM	1	49	19.32	19.36	19.22
20	64QAM	1	99	19.52	19.47	19.31
20	64QAM	50	0	18.28	18.47	18.29
20	64QAM	50	24	18.35	18.41	18.34
20	64QAM	50	50	18.32	18.32	18.21
20	64QAM	100	0	18.26	18.29	18.49



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	21.28	21.33	21.32
15	QPSK	1	37	21.31	21.25	21.28
15	QPSK	1	74	21.25	21.24	21.14
15	QPSK	36	0	20.25	20.47	20.35
15	QPSK	36	20	20.38	20.24	20.30
15	QPSK	36	39	20.47	20.23	20.33
15	QPSK	75	0	20.29	20.40	20.29
15	16QAM	1	0	20.38	20.51	20.30
15	16QAM	1	37	20.46	20.27	20.50
15	16QAM	1	74	20.50	20.30	20.39
15	16QAM	36	0	19.32	19.39	19.40
15	16QAM	36	20	19.34	19.28	19.46
15	16QAM	36	39	19.55	19.33	19.44
15	16QAM	75	0	19.22	19.33	19.26
15	64QAM	1	0	19.31	19.27	19.20
15	64QAM	1	37	19.43	19.41	19.42
15	64QAM	1	74	19.36	19.33	19.30
15	64QAM	36	0	18.24	18.43	18.47
15	64QAM	36	20	18.21	18.30	18.33
15	64QAM	36	39	18.36	18.33	18.38
15	64QAM	75	0	18.44	18.36	18.48



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	21.30	21.35	21.29
10	QPSK	1	25	21.24	21.25	21.31
10	QPSK	1	49	21.23	21.30	21.24
10	QPSK	25	0	20.43	20.52	20.36
10	QPSK	25	12	20.27	20.28	20.38
10	QPSK	25	25	20.27	20.22	20.30
10	QPSK	50	0	20.35	20.29	20.34
10	16QAM	1	0	20.55	20.42	20.31
10	16QAM	1	25	20.45	20.32	20.35
10	16QAM	1	49	20.34	20.34	20.27
10	16QAM	25	0	19.41	19.51	19.38
10	16QAM	25	12	19.43	19.48	19.30
10	16QAM	25	25	19.35	19.34	19.51
10	16QAM	50	0	19.49	19.41	19.43
10	64QAM	1	0	19.50	19.40	19.27
10	64QAM	1	25	19.32	19.45	19.49
10	64QAM	1	49	19.29	19.33	19.35
10	64QAM	25	0	18.31	18.40	18.27
10	64QAM	25	12	18.26	18.34	18.54
10	64QAM	25	25	18.38	18.30	18.27
10	64QAM	50	0	18.36	18.47	18.42



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	21.26	21.34	21.29
5	QPSK	1	12	21.33	21.28	21.30
5	QPSK	1	24	21.21	21.25	21.32
5	QPSK	12	0	20.23	20.40	20.26
5	QPSK	12	7	20.48	20.23	20.28
5	QPSK	12	13	20.57	20.32	20.23
5	QPSK	25	0	20.33	20.48	20.46
5	16QAM	1	0	20.50	20.44	20.41
5	16QAM	1	12	20.42	20.30	20.42
5	16QAM	1	24	20.30	20.46	20.18
5	16QAM	12	0	19.44	19.35	19.47
5	16QAM	12	7	19.37	19.24	19.42
5	16QAM	12	13	19.53	19.47	19.37
5	16QAM	25	0	19.16	19.20	19.50
5	64QAM	1	0	19.49	19.45	19.29
5	64QAM	1	12	19.29	19.37	19.55
5	64QAM	1	24	19.48	19.34	19.23
5	64QAM	12	0	18.41	18.44	18.29
5	64QAM	12	7	18.44	18.54	18.37
5	64QAM	12	13	18.23	18.34	18.43
5	64QAM	25	0	18.51	18.48	18.33



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	21.21	21.31	21.28
3	QPSK	1	8	21.25	21.24	21.14
3	QPSK	1	14	21.24	21.27	21.20
3	QPSK	8	0	20.48	20.35	20.29
3	QPSK	8	4	20.27	20.22	20.45
3	QPSK	8	7	20.57	20.18	20.24
3	QPSK	15	0	20.22	20.44	20.34
3	16QAM	1	0	20.52	20.40	20.30
3	16QAM	1	8	20.55	20.20	20.29
3	16QAM	1	14	20.17	20.44	20.28
3	16QAM	8	0	19.46	19.36	19.38
3	16QAM	8	4	19.48	19.40	19.35
3	16QAM	8	7	19.40	19.21	19.27
3	16QAM	15	0	19.33	19.20	19.39
3	64QAM	1	0	19.21	19.35	19.20
3	64QAM	1	8	19.23	19.43	19.26
3	64QAM	1	14	19.38	19.37	19.43
3	64QAM	8	0	18.29	18.22	18.25
3	64QAM	8	4	18.43	18.44	18.42
3	64QAM	8	7	18.20	18.11	18.17
3	64QAM	15	0	18.21	18.43	18.31



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	21.27	21.30	21.27
1.4	QPSK	1	3	21.22	21.25	21.23
1.4	QPSK	1	5	21.21	21.28	21.28
1.4	QPSK	3	0	20.31	20.30	20.33
1.4	QPSK	3	1	20.51	20.47	20.29
1.4	QPSK	3	3	20.49	20.34	20.28
1.4	QPSK	6	0	20.31	20.54	20.39
1.4	16QAM	1	0	20.43	20.56	20.45
1.4	16QAM	1	3	20.49	20.43	20.38
1.4	16QAM	1	5	20.30	20.35	20.25
1.4	16QAM	3	0	19.46	19.52	19.57
1.4	16QAM	3	1	19.25	19.44	19.55
1.4	16QAM	3	3	19.42	19.30	19.28
1.4	16QAM	6	0	19.48	19.32	19.34
1.4	64QAM	1	0	19.43	19.25	19.34
1.4	64QAM	1	3	19.29	19.56	19.33
1.4	64QAM	1	5	19.19	19.56	19.14
1.4	64QAM	3	0	18.28	18.23	18.28
1.4	64QAM	3	1	18.31	18.55	18.52
1.4	64QAM	3	3	18.36	18.31	18.26
1.4	64QAM	6	0	18.30	18.42	18.36



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20050	20175	20300
Frequency (MHz)				1720	1732.5	1745
20	QPSK	1	0	22.64	22.71	22.66
20	QPSK	1	49	22.69	22.65	22.57
20	QPSK	1	99	22.66	22.52	22.58
20	QPSK	50	0	21.78	21.85	21.83
20	QPSK	50	24	21.78	21.68	21.73
20	QPSK	50	50	21.62	21.57	21.75
20	QPSK	100	0	21.67	21.64	21.61
20	16QAM	1	0	21.82	21.81	21.80
20	16QAM	1	49	21.82	21.54	21.61
20	16QAM	1	99	21.76	21.73	21.62
20	16QAM	50	0	20.81	20.77	20.68
20	16QAM	50	24	20.71	20.65	20.65
20	16QAM	50	50	20.83	20.63	20.51
20	16QAM	100	0	20.78	20.72	20.69
20	64QAM	1	0	20.56	20.76	20.51
20	64QAM	1	49	20.53	20.67	20.86
20	64QAM	1	99	20.82	20.65	20.62
20	64QAM	50	0	19.72	19.60	19.67
20	64QAM	50	24	19.75	19.73	19.78
20	64QAM	50	50	19.54	19.64	19.49
20	64QAM	100	0	19.68	19.58	19.66



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20025	20175	20325
Frequency (MHz)				1717.5	1732.5	1747.5
15	QPSK	1	0	22.65	22.68	22.67
15	QPSK	1	37	22.58	22.51	22.54
15	QPSK	1	74	22.53	22.61	22.44
15	QPSK	36	0	21.67	21.85	21.80
15	QPSK	36	20	21.71	21.82	21.69
15	QPSK	36	39	21.48	21.56	21.68
15	QPSK	75	0	21.53	21.54	21.73
15	16QAM	1	0	21.91	21.73	21.73
15	16QAM	1	37	21.96	21.66	21.66
15	16QAM	1	74	21.86	21.70	21.63
15	16QAM	36	0	20.82	20.63	20.80
15	16QAM	36	20	20.62	20.69	20.76
15	16QAM	36	39	20.84	20.62	20.55
15	16QAM	75	0	20.76	20.74	20.76
15	64QAM	1	0	20.57	20.76	20.52
15	64QAM	1	37	20.50	20.73	20.82
15	64QAM	1	74	20.78	20.76	20.54
15	64QAM	36	0	19.63	19.62	19.56
15	64QAM	36	20	19.75	19.72	19.65
15	64QAM	36	39	19.44	19.54	19.58
15	64QAM	75	0	19.56	19.52	19.67



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20000	20175	20350
Frequency (MHz)				1715	1732.5	1750
10	QPSK	1	0	22.65	22.69	22.67
10	QPSK	1	25	22.63	22.59	22.43
10	QPSK	1	49	22.61	22.55	22.44
10	QPSK	25	0	21.63	21.84	21.83
10	QPSK	25	12	21.90	21.54	21.83
10	QPSK	25	25	21.76	21.65	21.60
10	QPSK	50	0	21.70	21.65	21.64
10	16QAM	1	0	21.73	21.66	21.68
10	16QAM	1	25	21.85	21.41	21.71
10	16QAM	1	49	21.91	21.77	21.55
10	16QAM	25	0	20.77	20.79	20.78
10	16QAM	25	12	20.66	20.80	20.62
10	16QAM	25	25	20.83	20.74	20.64
10	16QAM	50	0	20.92	20.86	20.75
10	64QAM	1	0	20.59	20.83	20.50
10	64QAM	1	25	20.58	20.54	20.71
10	64QAM	1	49	20.67	20.51	20.67
10	64QAM	25	0	19.68	19.62	19.56
10	64QAM	25	12	19.65	19.63	19.77
10	64QAM	25	25	19.50	19.51	19.57
10	64QAM	50	0	19.59	19.47	19.68



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				19975	20175	20375
Frequency (MHz)				1712.5	1732.5	1752.5
5	QPSK	1	0	22.63	22.67	22.66
5	QPSK	1	12	22.56	22.62	22.62
5	QPSK	1	24	22.54	22.52	22.65
5	QPSK	12	0	21.90	21.84	21.88
5	QPSK	12	7	21.83	21.83	21.71
5	QPSK	12	13	21.51	21.71	21.73
5	QPSK	25	0	21.66	21.65	21.70
5	16QAM	1	0	21.89	21.69	21.75
5	16QAM	1	12	21.72	21.55	21.63
5	16QAM	1	24	21.76	21.75	21.70
5	16QAM	12	0	20.76	20.82	20.58
5	16QAM	12	7	20.76	20.51	20.68
5	16QAM	12	13	20.88	20.78	20.55
5	16QAM	25	0	20.70	20.63	20.79
5	64QAM	1	0	20.66	20.74	20.46
5	64QAM	1	12	20.68	20.63	20.75
5	64QAM	1	24	20.71	20.74	20.76
5	64QAM	12	0	19.85	19.51	19.63
5	64QAM	12	7	19.83	19.72	19.79
5	64QAM	12	13	19.54	19.67	19.60
5	64QAM	25	0	19.81	19.54	19.78



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				19965	20175	20385
Frequency (MHz)				1711.5	1732.5	1753.5
3	QPSK	1	0	22.53	22.66	22.63
3	QPSK	1	8	22.60	22.52	22.54
3	QPSK	1	14	22.59	22.49	22.54
3	QPSK	8	0	21.86	21.85	21.71
3	QPSK	8	4	21.86	21.80	21.59
3	QPSK	8	7	21.58	21.68	21.66
3	QPSK	15	0	21.65	21.67	21.56
3	16QAM	1	0	21.81	21.90	21.71
3	16QAM	1	8	21.81	21.56	21.52
3	16QAM	1	14	21.91	21.84	21.59
3	16QAM	8	0	20.67	20.79	20.68
3	16QAM	8	4	20.72	20.66	20.63
3	16QAM	8	7	20.70	20.53	20.42
3	16QAM	15	0	20.82	20.57	20.67
3	64QAM	1	0	20.55	20.77	20.62
3	64QAM	1	8	20.52	20.60	20.88
3	64QAM	1	14	20.90	20.66	20.48
3	64QAM	8	0	19.71	19.66	19.55
3	64QAM	8	4	19.65	19.62	19.59
3	64QAM	8	7	19.43	19.58	19.40
3	64QAM	15	0	19.61	19.54	19.55



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				19957	20175	20393
Frequency (MHz)				1710.7	1732.5	1754.3
1.4	QPSK	1	0	22.66	22.68	22.61
1.4	QPSK	1	3	22.56	22.65	22.51
1.4	QPSK	1	5	22.62	22.41	22.59
1.4	QPSK	3	0	21.86	21.77	21.88
1.4	QPSK	3	1	21.69	21.68	21.63
1.4	QPSK	3	3	21.62	21.69	21.78
1.4	QPSK	6	0	21.74	21.74	21.62
1.4	16QAM	1	0	21.91	21.70	21.72
1.4	16QAM	1	3	21.75	21.55	21.70
1.4	16QAM	1	5	21.87	21.64	21.57
1.4	16QAM	3	0	20.80	20.79	20.55
1.4	16QAM	3	1	20.64	20.56	20.62
1.4	16QAM	3	3	20.79	20.57	20.57
1.4	16QAM	6	0	20.74	20.75	20.62
1.4	64QAM	1	0	20.54	20.64	20.60
1.4	64QAM	1	3	20.54	20.72	20.82
1.4	64QAM	1	5	20.85	20.62	20.70
1.4	64QAM	3	0	19.83	19.74	19.77
1.4	64QAM	3	1	19.86	19.84	19.70
1.4	64QAM	3	3	19.58	19.78	19.58
1.4	64QAM	6	0	19.61	19.68	19.74



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	22.80	22.86	22.83
10	QPSK	1	25	22.78	22.59	22.76
10	QPSK	1	49	22.81	22.74	22.77
10	QPSK	25	0	21.87	21.89	21.80
10	QPSK	25	12	21.83	21.68	21.78
10	QPSK	25	25	21.80	21.62	21.82
10	QPSK	50	0	21.72	21.74	21.85
10	16QAM	1	0	21.83	21.93	21.89
10	16QAM	1	25	21.80	21.69	21.65
10	16QAM	1	49	21.87	21.74	21.71
10	16QAM	25	0	20.79	20.90	20.93
10	16QAM	25	12	20.85	20.74	20.85
10	16QAM	25	25	20.85	20.81	20.64
10	16QAM	50	0	20.79	20.87	20.87
10	64QAM	1	0	20.60	20.76	20.57
10	64QAM	1	25	20.61	20.85	20.86
10	64QAM	1	49	20.75	20.86	20.66
10	64QAM	25	0	19.95	19.64	19.67
10	64QAM	25	12	19.90	19.78	19.85
10	64QAM	25	25	19.65	19.91	19.78
10	64QAM	50	0	19.92	19.77	19.83



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	22.73	22.81	22.79
5	QPSK	1	12	22.70	22.75	22.77
5	QPSK	1	24	22.69	22.76	22.66
5	QPSK	12	0	21.79	21.90	21.96
5	QPSK	12	7	21.81	21.98	21.88
5	QPSK	12	13	21.77	21.66	21.95
5	QPSK	25	0	21.92	21.66	21.67
5	16QAM	1	0	21.82	21.93	21.84
5	16QAM	1	12	21.81	21.72	21.82
5	16QAM	1	24	21.90	21.95	21.84
5	16QAM	12	0	20.86	20.90	20.82
5	16QAM	12	7	20.85	20.77	20.65
5	16QAM	12	13	20.85	20.91	20.51
5	16QAM	25	0	20.83	20.87	20.86
5	64QAM	1	0	20.56	20.91	20.59
5	64QAM	1	12	20.67	20.96	20.96
5	64QAM	1	24	21.04	20.81	20.86
5	64QAM	12	0	19.89	19.85	19.82
5	64QAM	12	7	19.96	19.74	20.05
5	64QAM	12	13	19.56	19.94	19.64
5	64QAM	25	0	19.78	19.65	19.87



LTE Band 5						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20415	20525	20635
Frequency (MHz)				825.5	836.5	847.5
3	QPSK	1	0	22.67	22.82	22.66
3	QPSK	1	8	22.74	22.75	22.65
3	QPSK	1	14	22.69	22.77	22.65
3	QPSK	8	0	21.89	21.84	21.85
3	QPSK	8	4	21.87	21.76	21.84
3	QPSK	8	7	21.85	21.61	21.83
3	QPSK	15	0	21.67	21.89	21.77
3	16QAM	1	0	21.95	22.00	21.99
3	16QAM	1	8	21.83	21.61	21.71
3	16QAM	1	14	22.02	21.94	21.65
3	16QAM	8	0	20.93	20.77	20.71
3	16QAM	8	4	20.72	20.81	20.83
3	16QAM	8	7	20.96	20.83	20.76
3	16QAM	15	0	20.89	20.98	20.91
3	64QAM	1	0	20.84	20.98	20.67
3	64QAM	1	8	20.69	20.78	20.86
3	64QAM	1	14	21.04	20.83	20.69
3	64QAM	8	0	19.87	19.73	19.69
3	64QAM	8	4	19.77	19.91	19.89
3	64QAM	8	7	19.72	19.70	19.70
3	64QAM	15	0	19.98	19.85	19.93



LTE Band 5						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20407	20525	20643
Frequency (MHz)				824.7	836.5	848.3
1.4	QPSK	1	0	22.69	22.78	22.75
1.4	QPSK	1	3	22.72	22.75	22.58
1.4	QPSK	1	5	22.71	22.72	22.70
1.4	QPSK	3	0	21.84	21.88	21.86
1.4	QPSK	3	1	21.85	21.92	21.93
1.4	QPSK	3	3	21.75	21.64	21.83
1.4	QPSK	6	0	21.95	21.85	21.67
1.4	16QAM	1	0	22.09	22.06	21.81
1.4	16QAM	1	3	21.98	21.84	21.63
1.4	16QAM	1	5	21.93	21.81	21.80
1.4	16QAM	3	0	20.97	20.89	20.78
1.4	16QAM	3	1	20.72	20.72	20.94
1.4	16QAM	3	3	20.82	20.73	20.74
1.4	16QAM	6	0	20.90	20.77	20.88
1.4	64QAM	1	0	20.67	20.86	20.51
1.4	64QAM	1	3	20.73	20.73	20.73
1.4	64QAM	1	5	20.86	20.86	20.84
1.4	64QAM	3	0	19.97	19.77	19.80
1.4	64QAM	3	1	19.91	19.93	19.85
1.4	64QAM	3	3	19.67	19.74	19.66
1.4	64QAM	6	0	19.89	19.74	19.76



LTE Band 7						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20850	21100	21350
Frequency (MHz)				2510	2535	2560
20	QPSK	1	0	22.69	22.74	22.71
20	QPSK	1	49	22.51	22.66	22.61
20	QPSK	1	99	22.65	22.56	22.63
20	QPSK	50	0	21.73	21.86	21.82
20	QPSK	50	24	21.66	21.50	21.64
20	QPSK	50	50	21.72	21.61	21.56
20	QPSK	100	0	21.59	21.57	21.55
20	16QAM	1	0	21.89	21.84	21.61
20	16QAM	1	49	21.67	21.63	21.74
20	16QAM	1	99	21.71	21.56	21.74
20	16QAM	50	0	20.61	20.77	20.78
20	16QAM	50	24	20.50	20.62	20.73
20	16QAM	50	50	20.65	20.45	20.55
20	16QAM	100	0	20.76	20.51	20.65
20	64QAM	1	0	20.80	20.52	20.68
20	64QAM	1	49	20.50	20.76	20.72
20	64QAM	1	99	20.73	20.72	20.63
20	64QAM	50	0	19.71	19.75	19.66
20	64QAM	50	24	19.79	19.83	19.80
20	64QAM	50	50	19.63	19.68	19.58
20	64QAM	100	0	19.51	19.63	19.68



LTE Band 7						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20825	21100	21375
Frequency (MHz)				2507.5	2535	2562.5
15	QPSK	1	0	22.66	22.70	22.57
15	QPSK	1	37	22.59	22.69	22.60
15	QPSK	1	74	22.46	22.58	22.45
15	QPSK	36	0	21.73	21.71	21.74
15	QPSK	36	20	21.72	21.57	21.80
15	QPSK	36	39	21.81	21.73	21.74
15	QPSK	75	0	21.39	21.57	21.76
15	16QAM	1	0	21.88	21.85	21.70
15	16QAM	1	37	21.67	21.61	21.78
15	16QAM	1	74	21.46	21.78	21.67
15	16QAM	36	0	20.71	20.55	20.73
15	16QAM	36	20	20.54	20.71	20.83
15	16QAM	36	39	20.62	20.45	20.47
15	16QAM	75	0	20.63	20.63	20.74
15	64QAM	1	0	20.67	20.49	20.53
15	64QAM	1	37	20.52	20.71	20.72
15	64QAM	1	74	20.77	20.85	20.46
15	64QAM	36	0	19.83	19.54	19.51
15	64QAM	36	20	19.76	19.78	19.57
15	64QAM	36	39	19.62	19.52	19.70
15	64QAM	75	0	19.79	19.57	19.54



LTE Band 7						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20800	21100	21400
Frequency (MHz)				2505	2535	2565
10	QPSK	1	0	22.66	22.70	22.57
10	QPSK	1	25	22.59	22.69	22.60
10	QPSK	1	49	22.46	22.58	22.45
10	QPSK	25	0	21.73	21.71	21.74
10	QPSK	25	12	21.72	21.57	21.80
10	QPSK	25	25	21.81	21.73	21.74
10	QPSK	50	0	21.39	21.57	21.76
10	16QAM	1	0	21.88	21.85	21.70
10	16QAM	1	25	21.67	21.61	21.78
10	16QAM	1	49	21.46	21.78	21.67
10	16QAM	25	0	20.71	20.55	20.73
10	16QAM	25	12	20.54	20.71	20.83
10	16QAM	25	25	20.62	20.45	20.47
10	16QAM	50	0	20.63	20.63	20.74
10	64QAM	1	0	20.67	20.49	20.53
10	64QAM	1	25	20.52	20.71	20.72
10	64QAM	1	49	20.77	20.85	20.46
10	64QAM	25	0	19.83	19.54	19.51
10	64QAM	25	12	19.76	19.78	19.57
10	64QAM	25	25	19.62	19.52	19.70
10	64QAM	50	0	19.79	19.57	19.54



LTE Band 7						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20775	21100	21425
Frequency (MHz)				2502.5	2535	2567.5
5	QPSK	1	0	22.57	22.69	22.65
5	QPSK	1	12	22.64	22.62	22.57
5	QPSK	1	24	22.59	22.56	22.49
5	QPSK	12	0	21.66	21.82	21.76
5	QPSK	12	7	21.62	21.60	21.74
5	QPSK	12	13	21.83	21.50	21.59
5	QPSK	25	0	21.55	21.60	21.58
5	16QAM	1	0	21.70	21.66	21.49
5	16QAM	1	12	21.78	21.53	21.67
5	16QAM	1	24	21.47	21.49	21.77
5	16QAM	12	0	20.86	20.60	20.76
5	16QAM	12	7	20.53	20.60	20.69
5	16QAM	12	13	20.76	20.69	20.79
5	16QAM	25	0	20.56	20.57	20.54
5	64QAM	1	0	20.68	20.72	20.67
5	64QAM	1	12	20.66	20.71	20.69
5	64QAM	1	24	20.81	20.85	20.72
5	64QAM	12	0	19.67	19.65	19.71
5	64QAM	12	7	19.46	19.54	19.65
5	64QAM	12	13	19.53	19.71	19.62
5	64QAM	25	0	19.64	19.72	19.51



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	23.16	23.36	23.30
10	QPSK	1	25	23.15	23.23	23.15
10	QPSK	1	49	23.29	23.31	23.33
10	QPSK	25	0	22.21	22.41	22.21
10	QPSK	25	12	22.02	22.33	22.22
10	QPSK	25	25	22.33	22.39	22.16
10	QPSK	50	0	21.90	22.24	22.04
10	16QAM	1	0	22.33	22.25	22.25
10	16QAM	1	25	22.25	22.22	22.44
10	16QAM	1	49	22.19	22.42	22.49
10	16QAM	25	0	21.16	21.24	21.17
10	16QAM	25	12	21.34	21.25	21.34
10	16QAM	25	25	21.22	21.12	21.02
10	16QAM	50	0	21.20	21.27	21.28
10	64QAM	1	0	21.25	21.33	21.15
10	64QAM	1	25	21.38	21.25	21.02
10	64QAM	1	49	21.17	21.22	21.24
10	64QAM	25	0	20.30	20.41	20.38
10	64QAM	25	12	20.17	20.35	20.27
10	64QAM	25	25	20.13	20.13	20.39
10	64QAM	50	0	20.24	20.19	20.06



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	23.25	23.33	23.29
5	QPSK	1	12	23.04	23.02	23.07
5	QPSK	1	24	23.19	23.15	23.17
5	QPSK	12	0	22.21	22.39	22.35
5	QPSK	12	7	22.29	22.22	22.22
5	QPSK	12	13	22.24	22.41	22.17
5	QPSK	25	0	22.02	22.08	22.17
5	16QAM	1	0	22.26	22.30	22.41
5	16QAM	1	12	22.17	22.26	22.44
5	16QAM	1	24	22.14	22.26	22.29
5	16QAM	12	0	21.41	21.44	21.27
5	16QAM	12	7	21.39	21.37	21.19
5	16QAM	12	13	21.43	21.12	21.21
5	16QAM	25	0	21.22	21.26	21.29
5	64QAM	1	0	21.13	21.42	21.31
5	64QAM	1	12	21.18	21.33	21.16
5	64QAM	1	24	21.28	21.43	21.29
5	64QAM	12	0	20.12	20.32	20.12
5	64QAM	12	7	20.08	20.30	20.28
5	64QAM	12	13	20.18	20.08	20.33
5	64QAM	25	0	20.15	19.94	20.11



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	23.24	23.28	23.18
3	QPSK	1	8	23.21	23.22	23.19
3	QPSK	1	14	23.15	23.08	23.11
3	QPSK	8	0	22.31	22.31	22.28
3	QPSK	8	4	22.26	22.06	22.06
3	QPSK	8	7	22.29	22.29	22.11
3	QPSK	15	0	22.11	22.08	22.00
3	16QAM	1	0	22.29	22.22	22.18
3	16QAM	1	8	22.38	22.17	22.26
3	16QAM	1	14	22.00	22.17	22.14
3	16QAM	8	0	21.15	21.23	21.20
3	16QAM	8	4	21.35	21.33	21.19
3	16QAM	8	7	21.29	21.14	21.16
3	16QAM	15	0	21.19	21.13	21.18
3	64QAM	1	0	21.09	21.40	21.33
3	64QAM	1	8	21.33	21.29	21.18
3	64QAM	1	14	21.11	21.44	21.30
3	64QAM	8	0	20.15	20.28	20.33
3	64QAM	8	4	20.16	20.26	20.31
3	64QAM	8	7	20.11	20.08	20.36
3	64QAM	15	0	20.07	20.23	20.04



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	23.28	23.30	23.14
1.4	QPSK	1	3	23.13	23.16	23.10
1.4	QPSK	1	5	23.11	23.23	23.14
1.4	QPSK	3	0	22.18	22.49	22.24
1.4	QPSK	3	1	22.21	22.28	22.21
1.4	QPSK	3	3	22.42	22.40	22.24
1.4	QPSK	6	0	22.16	22.27	22.05
1.4	16QAM	1	0	22.23	22.21	22.22
1.4	16QAM	1	3	22.17	22.38	22.44
1.4	16QAM	1	5	22.10	22.21	22.15
1.4	16QAM	3	0	21.11	21.27	21.21
1.4	16QAM	3	1	21.27	21.37	21.16
1.4	16QAM	3	3	21.43	21.15	21.11
1.4	16QAM	6	0	21.33	21.22	21.09
1.4	64QAM	1	0	21.04	21.26	21.17
1.4	64QAM	1	3	21.26	21.26	21.14
1.4	64QAM	1	5	21.26	21.25	21.45
1.4	64QAM	3	0	20.19	20.23	20.32
1.4	64QAM	3	1	20.24	20.33	20.39
1.4	64QAM	3	3	20.15	20.12	20.41
1.4	64QAM	6	0	20.19	19.98	20.14



LTE Band 13						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				/	23230	/
Frequency (MHz)				/	782	/
10	QPSK	1	0	/	23.29	/
10	QPSK	1	25	/	23.21	/
10	QPSK	1	49	/	23.20	/
10	QPSK	25	0	/	22.45	/
10	QPSK	25	12	/	22.21	/
10	QPSK	25	25	/	22.50	/
10	QPSK	50	0	/	22.16	/
10	16QAM	1	0	/	22.39	/
10	16QAM	1	25	/	22.31	/
10	16QAM	1	49	/	22.30	/
10	16QAM	25	0	/	21.45	/
10	16QAM	25	12	/	21.37	/
10	16QAM	25	25	/	21.09	/
10	16QAM	50	0	/	21.19	/
10	64QAM	1	0	/	21.48	/
10	64QAM	1	25	/	21.37	/
10	64QAM	1	49	/	21.31	/
10	64QAM	25	0	/	20.28	/
10	64QAM	25	12	/	20.18	/
10	64QAM	25	25	/	20.19	/
10	64QAM	50	0	/	20.02	/



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	23.15	23.25	23.17
5	QPSK	1	12	23.16	23.20	23.19
5	QPSK	1	24	23.16	23.06	23.13
5	QPSK	12	0	22.38	22.30	22.19
5	QPSK	12	7	22.05	22.24	22.26
5	QPSK	12	13	22.41	22.28	22.27
5	QPSK	25	0	22.16	22.37	22.15
5	16QAM	1	0	22.24	22.36	22.20
5	16QAM	1	12	22.39	22.37	22.42
5	16QAM	1	24	22.08	22.37	22.50
5	16QAM	12	0	21.25	21.22	21.17
5	16QAM	12	7	21.42	21.37	21.38
5	16QAM	12	13	21.43	21.07	21.11
5	16QAM	25	0	21.28	21.03	21.15
5	64QAM	1	0	21.10	21.26	21.27
5	64QAM	1	12	21.30	21.27	21.29
5	64QAM	1	24	21.08	21.38	21.40
5	64QAM	12	0	20.20	20.20	20.31
5	64QAM	12	7	20.01	20.25	20.25
5	64QAM	12	13	20.06	20.18	20.33
5	64QAM	25	0	20.03	20.04	20.16



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	23.26	23.29	23.13
10	QPSK	1	25	22.92	23.20	23.05
10	QPSK	1	49	23.21	23.18	23.21
10	QPSK	25	0	22.27	22.42	22.31
10	QPSK	25	12	22.13	22.28	22.22
10	QPSK	25	25	22.30	22.26	22.06
10	QPSK	50	0	22.10	22.18	22.15
10	16QAM	1	0	22.37	22.33	22.26
10	16QAM	1	25	22.37	22.31	22.37
10	16QAM	1	49	22.15	22.36	22.30
10	16QAM	25	0	21.26	21.36	21.20
10	16QAM	25	12	21.17	21.09	21.22
10	16QAM	25	25	21.35	21.08	21.09
10	16QAM	50	0	21.34	21.01	21.05
10	64QAM	1	0	21.11	21.29	21.35
10	64QAM	1	25	21.30	21.26	21.20
10	64QAM	1	49	21.12	21.38	21.25
10	64QAM	25	0	20.14	20.23	20.24
10	64QAM	25	12	20.09	20.17	20.24
10	64QAM	25	25	20.05	20.05	20.28
10	64QAM	50	0	20.24	20.15	20.27



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	23.19	23.26	23.17
5	QPSK	1	12	23.18	23.25	23.11
5	QPSK	1	24	23.11	23.18	23.15
5	QPSK	12	0	22.34	22.35	22.25
5	QPSK	12	7	22.30	22.09	22.29
5	QPSK	12	13	22.26	22.33	22.04
5	QPSK	25	0	22.15	22.21	22.06
5	16QAM	1	0	22.34	22.41	22.34
5	16QAM	1	12	22.25	22.33	22.36
5	16QAM	1	24	22.07	22.28	22.29
5	16QAM	12	0	21.11	21.28	21.22
5	16QAM	12	7	21.23	21.19	21.18
5	16QAM	12	13	21.26	21.10	21.25
5	16QAM	25	0	21.18	21.05	21.24
5	64QAM	1	0	21.17	21.20	21.29
5	64QAM	1	12	21.17	21.41	21.30
5	64QAM	1	24	21.36	21.35	21.43
5	64QAM	12	0	20.16	20.38	20.33
5	64QAM	12	7	20.04	20.15	20.35
5	64QAM	12	13	20.03	20.18	20.32
5	64QAM	25	0	20.07	20.05	20.30



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	22.50	22.55	22.61
5	QPSK	1	12	22.40	22.49	22.52
5	QPSK	1	24	22.80	22.72	22.81
5	QPSK	12	0	21.68	21.68	21.78
5	QPSK	12	7	21.60	21.57	21.64
5	QPSK	12	13	21.56	21.52	21.62
5	QPSK	25	0	21.50	21.46	21.56
5	16QAM	1	0	21.81	21.87	21.90
5	16QAM	1	12	21.89	21.95	21.98
5	16QAM	1	24	21.92	21.88	21.94
5	16QAM	12	0	20.53	20.64	20.65
5	16QAM	12	7	20.51	20.52	20.60
5	16QAM	12	13	20.39	20.35	20.44
5	16QAM	25	0	20.64	20.63	20.65
5	64QAM	1	0	20.53	20.63	20.64
5	64QAM	1	12	20.66	20.65	20.72
5	64QAM	1	24	20.85	20.79	20.91
5	64QAM	12	0	19.85	19.78	19.87
5	64QAM	12	7	19.80	19.81	19.82
5	64QAM	12	13	19.68	19.63	19.74
5	64QAM	25	0	19.64	19.57	19.68



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	24075	24075
Frequency (MHz)				837.5	837.5	837.5
15	QPSK	1	0	22.60	22.65	22.58
15	QPSK	1	37	22.52	22.63	22.57
15	QPSK	1	74	22.59	22.55	22.54
15	QPSK	36	0	21.83	21.85	21.80
15	QPSK	36	20	21.75	21.73	21.61
15	QPSK	36	39	21.75	21.69	21.52
15	QPSK	75	0	21.54	21.66	21.64
15	16QAM	1	0	21.68	21.73	21.73
15	16QAM	1	37	21.59	21.67	21.77
15	16QAM	1	74	21.52	21.66	21.59
15	16QAM	36	0	20.70	20.85	20.82
15	16QAM	36	20	20.78	20.67	20.73
15	16QAM	36	39	20.70	20.53	20.71
15	16QAM	75	0	20.85	20.53	20.56
15	64QAM	1	0	20.65	20.77	20.79
15	64QAM	1	37	20.67	20.79	20.62
15	64QAM	1	74	20.62	20.84	20.71
15	64QAM	36	0	19.85	19.79	19.76
15	64QAM	36	20	19.70	19.74	19.84
15	64QAM	36	39	19.58	19.52	19.80
15	64QAM	75	0	19.72	19.67	19.81



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	22.59	22.63	22.61
10	QPSK	1	25	22.61	22.57	22.59
10	QPSK	1	49	22.60	22.54	22.55
10	QPSK	25	0	21.73	21.88	21.77
10	QPSK	25	12	21.77	21.82	21.64
10	QPSK	25	25	21.82	21.83	21.74
10	QPSK	50	0	21.55	21.73	21.72
10	16QAM	1	0	21.81	21.86	21.75
10	16QAM	1	25	21.73	21.62	21.60
10	16QAM	1	49	21.59	21.66	21.90
10	16QAM	25	0	20.88	20.82	20.81
10	16QAM	25	12	20.84	20.75	20.73
10	16QAM	25	25	20.77	20.64	20.53
10	16QAM	50	0	20.89	20.72	20.61
10	64QAM	1	0	20.68	20.80	20.79
10	64QAM	1	25	20.68	20.82	20.51
10	64QAM	1	49	20.84	20.73	20.80
10	64QAM	25	0	19.61	19.86	19.80
10	64QAM	25	12	19.77	19.83	19.79
10	64QAM	25	25	19.52	19.67	19.79
10	64QAM	50	0	19.64	19.68	19.52



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	22.60	22.61	22.57
5	QPSK	1	12	22.59	22.60	22.57
5	QPSK	1	24	22.52	22.54	22.52
5	QPSK	12	0	21.74	21.80	21.73
5	QPSK	12	7	21.65	21.66	21.80
5	QPSK	12	13	21.87	21.80	21.62
5	QPSK	25	0	21.51	21.70	21.56
5	16QAM	1	0	21.75	21.74	21.75
5	16QAM	1	12	21.72	21.71	21.85
5	16QAM	1	24	21.70	21.68	22.05
5	16QAM	12	0	20.73	20.75	20.85
5	16QAM	12	7	20.67	20.59	20.76
5	16QAM	12	13	20.79	20.55	20.70
5	16QAM	25	0	20.87	20.75	20.71
5	64QAM	1	0	20.69	20.93	20.92
5	64QAM	1	12	20.86	20.73	20.64
5	64QAM	1	24	20.81	20.80	20.95
5	64QAM	12	0	19.66	19.84	19.64
5	64QAM	12	7	19.58	19.64	19.76
5	64QAM	12	13	19.49	19.52	19.96
5	64QAM	25	0	19.61	19.74	19.70



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	21.39	21.42	21.35
20	QPSK	1	49	21.34	21.30	21.33
20	QPSK	1	99	21.13	21.19	21.28
20	QPSK	50	0	20.36	20.46	20.34
20	QPSK	50	24	20.30	20.31	20.37
20	QPSK	50	50	20.23	20.29	20.33
20	QPSK	100	0	20.36	20.44	20.38
20	16QAM	1	0	20.46	20.45	20.48
20	16QAM	1	49	20.40	20.40	20.47
20	16QAM	1	99	20.26	20.44	20.21
20	16QAM	50	0	19.34	19.42	19.49
20	16QAM	50	24	19.39	19.45	19.40
20	16QAM	50	50	19.42	19.47	19.45
20	16QAM	100	0	19.18	19.24	19.47
20	64QAM	1	0	19.28	19.24	19.31
20	64QAM	1	49	19.33	19.40	19.24
20	64QAM	1	99	19.24	19.35	19.46
20	64QAM	50	0	18.44	18.23	18.40
20	64QAM	50	24	18.38	18.31	18.29
20	64QAM	50	50	18.30	18.29	18.17
20	64QAM	100	0	18.24	18.29	18.26



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				26115	26365	26615
Frequency (MHz)				1857.5	1882.5	1907.5
15	QPSK	1	0	21.35	21.40	21.28
15	QPSK	1	37	21.25	21.27	21.39
15	QPSK	1	74	21.13	21.30	21.33
15	QPSK	36	0	20.21	20.40	20.31
15	QPSK	36	20	20.42	20.38	20.33
15	QPSK	36	39	20.28	20.27	20.32
15	QPSK	75	0	20.04	20.27	20.28
15	16QAM	1	0	20.27	20.40	20.29
15	16QAM	1	37	20.34	20.17	20.36
15	16QAM	1	74	20.26	20.24	20.37
15	16QAM	36	0	19.40	19.35	19.35
15	16QAM	36	20	19.24	19.12	19.29
15	16QAM	36	39	19.38	19.38	19.35
15	16QAM	75	0	19.26	19.48	19.41
15	64QAM	1	0	19.44	19.29	19.21
15	64QAM	1	37	19.28	19.34	19.29
15	64QAM	1	74	19.22	19.36	19.32
15	64QAM	36	0	18.38	18.24	18.32
15	64QAM	36	20	18.28	18.29	18.28
15	64QAM	36	39	18.14	18.42	18.36
15	64QAM	75	0	18.34	18.26	18.21



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	21.24	21.39	21.29
10	QPSK	1	25	21.25	21.24	21.30
10	QPSK	1	49	21.38	21.26	21.18
10	QPSK	25	0	20.25	20.34	20.42
10	QPSK	25	12	20.31	20.39	20.23
10	QPSK	25	25	20.26	20.27	20.37
10	QPSK	50	0	20.21	20.27	20.19
10	16QAM	1	0	20.40	20.36	20.23
10	16QAM	1	25	20.49	20.23	20.36
10	16QAM	1	49	20.24	20.49	20.24
10	16QAM	25	0	19.29	19.33	19.41
10	16QAM	25	12	19.27	19.37	19.48
10	16QAM	25	25	19.27	19.40	19.23
10	16QAM	50	0	19.29	19.46	19.34
10	64QAM	1	0	19.29	19.38	19.38
10	64QAM	1	25	19.42	19.37	19.30
10	64QAM	1	49	19.41	19.28	19.16
10	64QAM	25	0	18.30	18.25	18.27
10	64QAM	25	12	18.33	18.42	18.33
10	64QAM	25	25	18.20	18.27	18.29
10	64QAM	50	0	18.31	18.41	18.26



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				26065	26365	26665
Frequency (MHz)				1852.5	1882.5	1912.5
5	QPSK	1	0	21.16	21.35	21.18
5	QPSK	1	12	21.15	21.29	21.20
5	QPSK	1	24	21.09	21.05	21.25
5	QPSK	12	0	20.24	20.37	20.23
5	QPSK	12	7	20.27	20.28	20.34
5	QPSK	12	13	20.24	20.28	20.14
5	QPSK	25	0	20.13	20.26	20.33
5	16QAM	1	0	20.32	20.38	20.28
5	16QAM	1	12	20.39	20.31	20.30
5	16QAM	1	24	20.24	20.22	20.29
5	16QAM	12	0	19.41	19.44	19.35
5	16QAM	12	7	19.16	19.36	19.33
5	16QAM	12	13	19.27	19.18	19.24
5	16QAM	25	0	19.41	19.34	19.30
5	64QAM	1	0	19.46	19.47	19.26
5	64QAM	1	12	19.26	19.33	19.41
5	64QAM	1	24	19.37	19.45	19.39
5	64QAM	12	0	18.39	18.29	18.20
5	64QAM	12	7	18.34	18.36	18.25
5	64QAM	12	13	18.34	18.36	18.31
5	64QAM	25	0	18.29	18.37	18.33



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	21.34	21.38	21.29
3	QPSK	1	8	21.08	21.23	21.18
3	QPSK	1	14	21.31	21.36	21.12
3	QPSK	8	0	20.20	20.28	20.23
3	QPSK	8	4	20.29	20.31	20.29
3	QPSK	8	7	20.26	20.20	20.35
3	QPSK	15	0	20.19	20.22	20.29
3	16QAM	1	0	20.39	20.44	20.43
3	16QAM	1	8	20.24	20.32	20.41
3	16QAM	1	14	20.22	20.38	20.21
3	16QAM	8	0	19.37	19.38	19.40
3	16QAM	8	4	19.41	19.18	19.22
3	16QAM	8	7	19.32	19.15	19.39
3	16QAM	15	0	19.28	19.36	19.43
3	64QAM	1	0	19.33	19.41	19.36
3	64QAM	1	8	19.35	19.27	19.41
3	64QAM	1	14	19.26	19.34	19.16
3	64QAM	8	0	18.34	18.24	18.32
3	64QAM	8	4	18.30	18.29	18.25
3	64QAM	8	7	18.05	18.08	18.21
3	64QAM	15	0	18.22	18.22	18.39



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	21.34	21.37	21.26
1.4	QPSK	1	3	21.27	21.25	21.07
1.4	QPSK	1	5	21.30	21.22	21.11
1.4	QPSK	3	0	20.30	20.42	20.39
1.4	QPSK	3	1	20.34	20.17	20.36
1.4	QPSK	3	3	20.39	20.40	20.27
1.4	QPSK	6	0	20.23	20.33	20.44
1.4	16QAM	1	0	20.23	20.44	20.31
1.4	16QAM	1	3	20.30	20.32	20.45
1.4	16QAM	1	5	20.40	20.24	20.31
1.4	16QAM	3	0	19.29	19.59	19.70
1.4	16QAM	3	1	19.24	19.35	19.42
1.4	16QAM	3	3	19.36	19.42	19.43
1.4	16QAM	6	0	19.30	19.22	19.42
1.4	64QAM	1	0	19.20	19.48	19.19
1.4	64QAM	1	3	19.21	19.37	19.35
1.4	64QAM	1	5	19.33	19.36	19.27
1.4	64QAM	3	0	18.38	18.35	18.38
1.4	64QAM	3	1	18.30	18.31	18.29
1.4	64QAM	3	3	18.40	18.30	18.34
1.4	64QAM	6	0	18.22	18.29	18.37



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	22.83	22.75	22.72
15	QPSK	1	37	22.71	22.61	22.57
15	QPSK	1	74	22.74	22.69	22.70
15	QPSK	36	0	21.84	21.87	21.92
15	QPSK	36	20	21.84	21.69	21.60
15	QPSK	36	39	21.86	21.74	21.71
15	QPSK	75	0	21.64	21.51	21.49
15	16QAM	1	0	21.88	21.81	21.83
15	16QAM	1	37	21.73	21.77	21.87
15	16QAM	1	74	21.75	21.76	21.77
15	16QAM	36	0	20.88	20.78	20.68
15	16QAM	36	20	20.76	20.75	20.77
15	16QAM	36	39	20.77	20.69	20.73
15	16QAM	75	0	20.75	20.68	20.71
15	64QAM	1	0	20.80	20.83	20.92
15	64QAM	1	37	20.89	20.77	20.67
15	64QAM	1	74	20.83	20.87	20.96
15	64QAM	36	0	19.72	19.75	19.81
15	64QAM	36	20	19.83	19.72	19.72
15	64QAM	36	39	19.68	19.74	19.81
15	64QAM	75	0	19.64	19.62	19.69



LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26840	26915	26990
Frequency (MHz)				829.0	836.5	844.0
10	QPSK	1	0	22.68	22.67	22.77
10	QPSK	1	25	22.58	22.65	22.67
10	QPSK	1	49	22.75	22.74	22.78
10	QPSK	25	0	21.65	21.56	21.66
10	QPSK	25	12	21.58	21.60	21.66
10	QPSK	25	25	21.50	21.59	21.61
10	QPSK	50	0	21.40	21.42	21.46
10	16QAM	1	0	21.69	21.59	21.71
10	16QAM	1	25	21.79	21.80	21.88
10	16QAM	1	49	21.76	21.78	21.82
10	16QAM	25	0	20.87	20.96	20.97
10	16QAM	25	12	20.75	20.76	20.86
10	16QAM	25	25	20.61	20.69	20.70
10	16QAM	50	0	20.45	20.44	20.49
10	64QAM	1	0	20.78	20.73	20.80
10	64QAM	1	25	20.78	20.72	20.79
10	64QAM	1	49	20.61	20.66	20.67
10	64QAM	25	0	19.78	19.85	19.87
10	64QAM	25	12	19.83	19.86	19.92
10	64QAM	25	25	19.72	19.78	19.83
10	64QAM	50	0	19.72	19.73	19.75



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	22.75	22.69	22.77
5	QPSK	1	12	22.55	22.49	22.57
5	QPSK	1	24	22.65	22.62	22.68
5	QPSK	12	0	21.66	21.62	21.69
5	QPSK	12	7	21.66	21.75	21.78
5	QPSK	12	13	21.52	21.43	21.53
5	QPSK	25	0	21.56	21.50	21.60
5	16QAM	1	0	21.70	21.70	21.80
5	16QAM	1	12	21.76	21.84	21.85
5	16QAM	1	24	21.82	21.83	21.86
5	16QAM	12	0	20.66	20.68	20.72
5	16QAM	12	7	20.77	20.71	20.82
5	16QAM	12	13	20.40	20.41	20.51
5	16QAM	25	0	20.64	20.63	20.69
5	64QAM	1	0	20.66	20.67	20.71
5	64QAM	1	12	20.66	20.68	20.73
5	64QAM	1	24	20.60	20.64	20.66
5	64QAM	12	0	19.82	19.85	19.88
5	64QAM	12	7	19.64	19.71	19.76
5	64QAM	12	13	19.85	19.81	19.88
5	64QAM	25	0	19.57	19.60	19.63



LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26805	26915	27025
Frequency (MHz)				825.5	836.5	847.5
3	QPSK	1	0	22.55	22.57	22.59
3	QPSK	1	8	22.65	22.65	22.75
3	QPSK	1	14	22.62	22.61	22.69
3	QPSK	8	0	21.77	21.79	21.81
3	QPSK	8	4	21.67	21.68	21.79
3	QPSK	8	7	21.73	21.74	21.75
3	QPSK	15	0	21.62	21.62	21.68
3	16QAM	1	0	21.62	21.64	21.73
3	16QAM	1	8	21.48	21.53	21.59
3	16QAM	1	14	21.51	21.51	21.63
3	16QAM	8	0	20.67	20.59	20.70
3	16QAM	8	4	20.74	20.81	20.85
3	16QAM	8	7	20.52	20.57	20.58
3	16QAM	15	0	20.54	20.57	20.65
3	64QAM	1	0	20.67	20.69	20.73
3	64QAM	1	8	20.47	20.47	20.58
3	64QAM	1	14	20.72	20.69	20.81
3	64QAM	8	0	19.76	19.75	19.79
3	64QAM	8	4	19.80	19.74	19.82
3	64QAM	8	7	19.72	19.68	19.79
3	64QAM	15	0	19.60	19.61	19.65



LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26797	26915	27033
Frequency (MHz)				824.7	836.5	848.3
1.4	QPSK	1	0	22.71	22.63	22.73
1.4	QPSK	1	3	22.51	22.52	22.63
1.4	QPSK	1	5	22.63	22.62	22.72
1.4	QPSK	3	0	21.85	21.85	21.87
1.4	QPSK	3	1	21.60	21.54	21.61
1.4	QPSK	3	3	21.64	21.63	21.74
1.4	QPSK	6	0	21.64	21.63	21.65
1.4	16QAM	1	0	21.79	21.70	21.80
1.4	16QAM	1	3	21.72	21.80	21.82
1.4	16QAM	1	5	21.73	21.73	21.75
1.4	16QAM	3	0	20.63	20.71	20.72
1.4	16QAM	3	1	20.53	20.64	20.65
1.4	16QAM	3	3	20.60	20.60	20.65
1.4	16QAM	6	0	20.55	20.52	20.57
1.4	64QAM	1	0	20.83	20.81	20.85
1.4	64QAM	1	3	20.63	20.54	20.64
1.4	64QAM	1	5	20.79	20.77	20.83
1.4	64QAM	3	0	19.77	19.81	19.86
1.4	64QAM	3	1	19.73	19.63	19.75
1.4	64QAM	3	3	19.82	19.81	19.90
1.4	64QAM	6	0	19.50	19.56	19.58



LTE Band 30						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				/	27710	/
Frequency (MHz)				/	2310	/
10	QPSK	1	0	/	22.86	/
10	QPSK	1	25	/	22.71	/
10	QPSK	1	49	/	22.57	/
10	QPSK	25	0	/	21.75	/
10	QPSK	25	12	/	21.82	/
10	QPSK	25	25	/	21.74	/
10	QPSK	50	0	/	21.60	/
10	16QAM	1	0	/	21.97	/
10	16QAM	1	25	/	21.77	/
10	16QAM	1	49	/	21.83	/
10	16QAM	25	0	/	20.85	/
10	16QAM	25	12	/	20.79	/
10	16QAM	25	25	/	20.54	/
10	16QAM	50	0	/	20.59	/
10	64QAM	1	0	/	20.90	/
10	64QAM	1	25	/	20.77	/
10	64QAM	1	49	/	21.00	/
10	64QAM	25	0	/	19.79	/
10	64QAM	25	12	/	19.63	/
10	64QAM	25	25	/	19.41	/
10	64QAM	50	0	/	19.54	/



LTE Band 30						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				27685	27710	27735
Frequency (MHz)				2307.5	2310	2312.5
5	QPSK	1	0	22.63	22.83	22.71
5	QPSK	1	12	22.68	22.52	22.41
5	QPSK	1	24	22.75	22.78	22.55
5	QPSK	12	0	21.77	21.84	21.81
5	QPSK	12	7	21.80	21.66	21.61
5	QPSK	12	13	21.80	21.76	21.64
5	QPSK	25	0	21.64	21.80	21.46
5	16QAM	1	0	21.94	21.95	21.79
5	16QAM	1	12	21.86	21.64	22.01
5	16QAM	1	24	21.68	21.75	21.75
5	16QAM	12	0	20.78	20.85	20.69
5	16QAM	12	7	20.92	20.73	20.72
5	16QAM	12	13	20.86	20.63	20.73
5	16QAM	25	0	20.84	20.64	20.62
5	64QAM	1	0	20.53	20.70	20.66
5	64QAM	1	12	20.87	20.82	20.68
5	64QAM	1	24	20.61	20.75	20.71
5	64QAM	12	0	19.61	19.83	19.60
5	64QAM	12	7	19.79	19.74	19.87
5	64QAM	12	13	19.60	19.53	19.87
5	64QAM	25	0	19.55	19.73	19.67



LTE Band 41 (Power Class 2)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39750	40620	41490
Frequency (MHz)				2506	2593	2680
20	QPSK	1	0	25.37	25.46	25.23
20	QPSK	1	49	25.24	25.37	25.30
20	QPSK	1	99	25.34	25.34	25.26
20	QPSK	50	0	24.39	24.48	24.34
20	QPSK	50	24	24.44	24.45	24.29
20	QPSK	50	50	24.35	24.39	24.24
20	QPSK	100	0	24.16	24.35	24.32
20	16QAM	1	0	24.48	24.46	24.34
20	16QAM	1	49	24.25	24.36	24.44
20	16QAM	1	99	24.28	24.39	24.46
20	16QAM	50	0	23.33	23.47	23.39
20	16QAM	50	24	23.42	23.28	23.31
20	16QAM	50	50	23.36	23.29	23.26
20	16QAM	100	0	23.25	23.42	23.39
20	64QAM	1	0	23.18	23.39	23.33
20	64QAM	1	49	23.36	23.35	23.23
20	64QAM	1	99	23.34	23.38	23.30
20	64QAM	50	0	22.30	22.42	22.29
20	64QAM	50	24	22.28	22.42	22.33
20	64QAM	50	50	22.09	22.35	22.38
20	64QAM	100	0	22.35	22.14	22.31



LTE Band 41 (Power Class 2)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39725	40620	41515
Frequency (MHz)				2503.5	2593	2682.5
15	QPSK	1	0	25.23	25.43	25.34
15	QPSK	1	37	25.12	25.31	25.12
15	QPSK	1	74	25.33	25.28	25.06
15	QPSK	36	0	24.39	24.43	24.34
15	QPSK	36	20	24.31	24.40	24.32
15	QPSK	36	39	24.32	24.40	24.15
15	QPSK	75	0	24.15	24.38	24.09
15	16QAM	1	0	24.45	24.36	24.39
15	16QAM	1	37	24.42	24.34	24.28
15	16QAM	1	74	24.12	24.33	24.19
15	16QAM	36	0	23.27	23.43	23.33
15	16QAM	36	20	23.30	23.24	23.35
15	16QAM	36	39	23.38	23.32	23.10
15	16QAM	75	0	23.62	23.30	23.34
15	64QAM	1	0	23.17	23.46	23.27
15	64QAM	1	37	23.28	23.40	23.29
15	64QAM	1	74	23.26	23.32	23.18
15	64QAM	36	0	22.45	22.39	22.31
15	64QAM	36	20	22.30	22.31	22.28
15	64QAM	36	39	22.06	22.12	22.29
15	64QAM	75	0	22.22	22.33	22.21



LTE Band 41 (Power Class 2)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39700	40620	41540
Frequency (MHz)				2501	2593	2685
10	QPSK	1	0	25.33	25.42	25.20
10	QPSK	1	25	25.15	25.38	25.20
10	QPSK	1	49	25.36	25.30	25.27
10	QPSK	25	0	24.34	24.43	24.43
10	QPSK	25	12	24.18	24.43	24.26
10	QPSK	25	25	24.25	24.39	24.32
10	QPSK	50	0	24.10	24.31	24.12
10	16QAM	1	0	24.29	24.39	24.30
10	16QAM	1	25	24.32	24.42	24.29
10	16QAM	1	49	24.36	24.39	24.28
10	16QAM	25	0	23.25	23.36	23.27
10	16QAM	25	12	23.26	23.35	23.31
10	16QAM	25	25	23.36	23.19	23.27
10	16QAM	50	0	23.19	23.32	23.23
10	64QAM	1	0	23.31	23.39	23.29
10	64QAM	1	25	23.27	23.34	23.25
10	64QAM	1	49	23.27	23.19	23.23
10	64QAM	25	0	22.31	22.31	22.34
10	64QAM	25	12	22.25	22.38	22.33
10	64QAM	25	25	22.24	22.27	22.37
10	64QAM	50	0	22.30	22.10	22.23



LTE Band 41 (Power Class 2)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39675	40620	41565
Frequency (MHz)				2498.5	2593	2687.5
5	QPSK	1	0	25.39	25.40	25.25
5	QPSK	1	12	25.33	25.27	25.19
5	QPSK	1	24	25.26	25.34	25.37
5	QPSK	12	0	24.35	24.49	24.37
5	QPSK	12	7	24.42	24.43	24.41
5	QPSK	12	13	24.51	24.44	24.41
5	QPSK	25	0	24.15	24.33	24.14
5	16QAM	1	0	24.45	24.39	24.36
5	16QAM	1	12	24.34	24.36	24.31
5	16QAM	1	24	24.29	24.28	24.28
5	16QAM	12	0	23.41	23.39	23.22
5	16QAM	12	7	23.44	23.45	23.23
5	16QAM	12	13	23.43	23.30	23.15
5	16QAM	25	0	23.21	23.40	23.22
5	64QAM	1	0	23.21	23.47	23.25
5	64QAM	1	12	23.37	23.23	23.19
5	64QAM	1	24	23.41	23.49	23.45
5	64QAM	12	0	22.27	22.43	22.36
5	64QAM	12	7	22.21	22.32	22.35
5	64QAM	12	13	22.27	22.33	22.30
5	64QAM	25	0	22.26	22.35	22.37



LTE Band 41 (Power Class 3)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39750	40620	41490
Frequency (MHz)				2506	2593	2680
20	QPSK	1	0	23.60	23.75	23.59
20	QPSK	1	49	23.41	23.72	23.56
20	QPSK	1	99	23.55	23.64	23.66
20	QPSK	50	0	22.63	22.88	22.75
20	QPSK	50	24	22.80	22.86	22.61
20	QPSK	50	50	22.64	22.86	22.63
20	QPSK	100	0	22.47	22.81	22.55
20	16QAM	1	0	22.65	22.79	22.70
20	16QAM	1	49	22.70	22.74	22.69
20	16QAM	1	99	22.69	22.75	22.62
20	16QAM	50	0	21.80	21.90	21.69
20	16QAM	50	24	21.86	21.75	21.71
20	16QAM	50	50	21.70	21.76	21.60
20	16QAM	100	0	21.78	21.69	21.49
20	64QAM	1	0	21.68	21.87	21.62
20	64QAM	1	49	21.70	21.74	21.64
20	64QAM	1	99	21.62	21.71	21.73
20	64QAM	50	0	20.76	20.81	20.67
20	64QAM	50	24	20.62	20.75	20.84
20	64QAM	50	50	20.56	20.63	20.85
20	64QAM	100	0	20.67	20.57	20.76



LTE Band 41 (Power Class 3)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39725	40620	41515
Frequency (MHz)				2503.5	2593	2682.5
15	QPSK	1	0	23.61	23.72	23.57
15	QPSK	1	37	23.49	23.68	23.47
15	QPSK	1	74	23.55	23.64	23.65
15	QPSK	36	0	22.71	22.89	22.80
15	QPSK	36	20	22.54	22.57	22.65
15	QPSK	36	39	22.64	22.73	22.55
15	QPSK	75	0	22.51	22.64	22.49
15	16QAM	1	0	22.99	23.00	22.87
15	16QAM	1	37	22.88	22.88	22.99
15	16QAM	1	74	22.65	22.75	23.01
15	16QAM	36	0	21.76	21.81	21.63
15	16QAM	36	20	21.72	21.68	21.78
15	16QAM	36	39	21.75	21.53	21.58
15	16QAM	75	0	21.88	21.55	21.60
15	64QAM	1	0	21.65	21.99	21.72
15	64QAM	1	37	21.68	21.76	21.55
15	64QAM	1	74	21.64	21.72	21.81
15	64QAM	36	0	20.76	20.87	20.60
15	64QAM	36	20	20.57	20.83	20.83
15	64QAM	36	39	20.47	20.68	20.83
15	64QAM	75	0	20.74	20.73	20.73



LTE Band 41 (Power Class 3)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39700	40620	41540
Frequency (MHz)				2501	2593	2685
10	QPSK	1	0	23.60	23.70	23.63
10	QPSK	1	25	23.44	23.65	23.59
10	QPSK	1	49	23.66	23.68	23.51
10	QPSK	25	0	22.81	22.84	22.82
10	QPSK	25	12	22.60	22.81	22.81
10	QPSK	25	25	22.81	22.85	22.54
10	QPSK	50	0	22.50	22.58	22.44
10	16QAM	1	0	22.77	22.89	22.79
10	16QAM	1	25	22.85	22.90	22.83
10	16QAM	1	49	22.68	22.79	22.82
10	16QAM	25	0	21.84	21.89	21.82
10	16QAM	25	12	21.78	21.74	21.61
10	16QAM	25	25	21.69	21.69	21.51
10	16QAM	50	0	21.91	21.71	21.61
10	64QAM	1	0	21.59	21.81	21.64
10	64QAM	1	25	21.90	21.89	21.58
10	64QAM	1	49	21.61	21.84	21.87
10	64QAM	25	0	20.69	20.83	20.60
10	64QAM	25	12	20.51	20.62	20.66
10	64QAM	25	25	20.56	20.57	20.87
10	64QAM	50	0	20.79	20.74	20.62



LTE Band 41 (Power Class 3)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39675	40620	41565
Frequency (MHz)				2498.5	2593	2687.5
5	QPSK	1	0	23.65	23.71	23.61
5	QPSK	1	12	23.59	23.64	23.50
5	QPSK	1	24	23.52	23.56	23.54
5	QPSK	12	0	22.79	22.91	22.86
5	QPSK	12	7	22.60	22.66	22.59
5	QPSK	12	13	22.69	22.74	22.58
5	QPSK	25	0	22.49	22.83	22.71
5	16QAM	1	0	22.64	22.74	22.62
5	16QAM	1	12	22.72	22.73	22.88
5	16QAM	1	24	22.45	22.69	22.77
5	16QAM	12	0	21.83	21.74	21.75
5	16QAM	12	7	21.80	21.61	21.69
5	16QAM	12	13	21.84	21.70	21.69
5	16QAM	25	0	21.87	21.76	21.49
5	64QAM	1	0	21.65	21.70	21.86
5	64QAM	1	12	21.69	21.84	21.71
5	64QAM	1	24	21.86	21.76	21.80
5	64QAM	12	0	20.69	20.86	20.55
5	64QAM	12	7	20.64	20.77	20.67
5	64QAM	12	13	20.53	20.53	20.58
5	64QAM	25	0	20.58	20.56	20.56



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				132072	132322	132572
Frequency (MHz)				1720	1745	1770
20	QPSK	1	0	22.80	22.90	22.84
20	QPSK	1	49	22.70	22.80	22.61
20	QPSK	1	99	22.79	22.66	22.73
20	QPSK	50	0	21.85	21.87	21.66
20	QPSK	50	24	21.59	21.56	21.83
20	QPSK	50	50	21.79	21.69	21.70
20	QPSK	100	0	21.53	21.67	21.68
20	16QAM	1	0	21.85	21.79	21.83
20	16QAM	1	49	21.89	21.65	21.84
20	16QAM	1	99	21.52	21.81	21.75
20	16QAM	50	0	20.84	20.80	20.89
20	16QAM	50	24	20.73	20.84	20.89
20	16QAM	50	50	20.85	20.64	20.60
20	16QAM	100	0	20.82	20.76	20.54
20	64QAM	1	0	20.64	20.89	20.65
20	64QAM	1	49	20.91	20.77	20.61
20	64QAM	1	99	20.59	20.73	20.83
20	64QAM	50	0	19.63	19.80	19.76
20	64QAM	50	24	19.69	19.84	19.79
20	64QAM	50	50	19.63	19.62	19.74
20	64QAM	100	0	19.81	19.68	19.73



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				132047	132322	132597
Frequency (MHz)				1717.5	1745	1772.5
15	QPSK	1	0	22.86	22.87	22.60
15	QPSK	1	37	22.53	22.54	22.67
15	QPSK	1	74	22.83	22.57	22.58
15	QPSK	36	0	21.86	21.89	21.80
15	QPSK	36	20	21.64	21.79	21.72
15	QPSK	36	39	21.73	21.79	21.51
15	QPSK	75	0	21.60	21.74	21.64
15	16QAM	1	0	21.77	21.72	21.78
15	16QAM	1	37	21.60	21.84	21.75
15	16QAM	1	74	21.66	21.72	21.69
15	16QAM	36	0	20.72	20.89	20.77
15	16QAM	36	20	20.86	20.68	20.72
15	16QAM	36	39	20.87	20.58	20.74
15	16QAM	75	0	20.96	20.72	20.73
15	64QAM	1	0	20.69	20.85	20.87
15	64QAM	1	37	20.77	20.81	20.65
15	64QAM	1	74	20.86	20.88	20.73
15	64QAM	36	0	19.70	19.84	19.78
15	64QAM	36	20	19.72	19.68	19.77
15	64QAM	36	39	19.66	19.65	19.90
15	64QAM	75	0	19.59	19.47	19.66



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				132022	132322	132622
Frequency (MHz)				1715	1745	1775
10	QPSK	1	0	22.69	22.86	22.80
10	QPSK	1	25	22.59	22.68	22.56
10	QPSK	1	49	22.86	22.56	22.61
10	QPSK	25	0	21.71	21.78	21.64
10	QPSK	25	12	21.77	21.81	21.80
10	QPSK	25	25	21.84	21.83	21.66
10	QPSK	50	0	21.66	21.69	21.65
10	16QAM	1	0	21.75	21.84	21.74
10	16QAM	1	25	21.71	21.75	21.69
10	16QAM	1	49	21.52	21.74	21.64
10	16QAM	25	0	20.74	20.82	20.79
10	16QAM	25	12	20.69	20.69	20.88
10	16QAM	25	25	20.81	20.64	20.64
10	16QAM	50	0	20.82	20.60	20.53
10	64QAM	1	0	20.72	20.75	20.68
10	64QAM	1	25	20.90	20.86	20.55
10	64QAM	1	49	20.60	20.73	20.79
10	64QAM	25	0	19.63	19.91	19.65
10	64QAM	25	12	19.70	19.77	19.88
10	64QAM	25	25	19.56	19.55	19.80
10	64QAM	50	0	19.55	19.51	19.53



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				131997	132322	132647
Frequency (MHz)				1712.5	1745	1777.5
5	QPSK	1	0	22.80	22.85	22.78
5	QPSK	1	12	22.69	22.69	22.55
5	QPSK	1	24	22.75	22.68	22.65
5	QPSK	12	0	21.72	21.79	21.76
5	QPSK	12	7	21.65	21.60	21.72
5	QPSK	12	13	21.78	21.96	21.58
5	QPSK	25	0	21.68	21.76	21.44
5	16QAM	1	0	21.83	21.91	21.79
5	16QAM	1	12	21.65	21.76	21.86
5	16QAM	1	24	21.66	21.73	21.70
5	16QAM	12	0	20.86	20.88	20.67
5	16QAM	12	7	20.68	20.78	20.87
5	16QAM	12	13	20.77	20.63	20.59
5	16QAM	25	0	20.85	20.60	20.57
5	64QAM	1	0	20.65	20.80	20.78
5	64QAM	1	12	20.90	20.89	20.51
5	64QAM	1	24	20.87	20.72	20.80
5	64QAM	12	0	19.74	19.83	19.84
5	64QAM	12	7	19.73	19.57	19.69
5	64QAM	12	13	19.69	19.62	19.78
5	64QAM	25	0	19.72	19.57	19.66



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				131987	132322	132657
Frequency (MHz)				1711.5	1745	1778.5
3	QPSK	1	0	22.64	22.83	22.67
3	QPSK	1	8	22.68	22.71	22.56
3	QPSK	1	14	22.74	22.60	22.73
3	QPSK	8	0	21.74	21.91	21.88
3	QPSK	8	4	21.74	21.73	21.66
3	QPSK	8	7	21.85	21.79	21.74
3	QPSK	15	0	21.41	21.78	21.54
3	16QAM	1	0	21.89	21.91	21.82
3	16QAM	1	8	21.60	21.67	21.84
3	16QAM	1	14	21.57	21.85	21.85
3	16QAM	8	0	20.87	20.77	20.83
3	16QAM	8	4	20.82	20.60	20.66
3	16QAM	8	7	20.96	20.74	20.64
3	16QAM	15	0	20.72	20.71	20.74
3	64QAM	1	0	20.71	20.83	20.79
3	64QAM	1	8	20.82	20.96	20.76
3	64QAM	1	14	20.76	20.78	20.84
3	64QAM	8	0	19.84	19.81	19.70
3	64QAM	8	4	19.78	19.57	19.75
3	64QAM	8	7	19.51	19.46	19.82
3	64QAM	15	0	19.75	19.67	19.60



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				131979	132322	132665
Frequency (MHz)				1710.7	1745	1779.3
1.4	QPSK	1	0	22.64	22.82	22.64
1.4	QPSK	1	3	22.57	22.81	22.64
1.4	QPSK	1	5	22.78	22.75	22.74
1.4	QPSK	3	0	21.77	21.90	21.71
1.4	QPSK	3	1	21.55	21.85	21.65
1.4	QPSK	3	3	21.83	21.82	21.60
1.4	QPSK	6	0	21.42	21.64	21.55
1.4	16QAM	1	0	21.75	21.91	21.94
1.4	16QAM	1	3	21.82	21.67	21.85
1.4	16QAM	1	5	21.64	21.66	21.76
1.4	16QAM	3	0	20.64	20.79	20.81
1.4	16QAM	3	1	20.89	20.67	20.64
1.4	16QAM	3	3	20.72	20.68	20.63
1.4	16QAM	6	0	20.82	20.58	20.77
1.4	64QAM	1	0	20.57	20.85	20.73
1.4	64QAM	1	3	20.82	20.82	20.54
1.4	64QAM	1	5	20.82	20.79	20.83
1.4	64QAM	3	0	19.80	19.88	19.77
1.4	64QAM	3	1	19.72	19.67	19.74
1.4	64QAM	3	3	19.52	19.70	19.77
1.4	64QAM	6	0	19.58	19.65	19.81



LTE Band 71						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				133222	133322	133372
Frequency (MHz)				673	683	688
20	QPSK	1	0	22.56	22.64	22.57
20	QPSK	1	49	22.57	22.59	22.62
20	QPSK	1	99	22.52	22.53	22.55
20	QPSK	50	0	21.77	21.79	21.77
20	QPSK	50	24	21.52	21.58	21.69
20	QPSK	50	50	21.65	21.70	21.77
20	QPSK	100	0	21.68	21.76	21.59
20	16QAM	1	0	21.65	21.79	21.66
20	16QAM	1	49	21.62	21.71	21.81
20	16QAM	1	99	21.57	21.72	21.78
20	16QAM	50	0	20.62	20.84	20.77
20	16QAM	50	24	20.70	20.65	20.67
20	16QAM	50	50	20.85	20.62	20.58
20	16QAM	100	0	20.72	20.57	20.58
20	64QAM	1	0	20.54	20.77	20.76
20	64QAM	1	49	20.74	20.74	20.61
20	64QAM	1	99	20.76	20.74	20.85
20	64QAM	50	0	19.83	19.85	19.89
20	64QAM	50	24	19.57	19.85	19.88
20	64QAM	50	50	19.69	19.61	19.92
20	64QAM	100	0	19.70	19.51	19.56



LTE Band 71						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				133197	133297	133397
Frequency (MHz)				670.5	680.5	690.5
15	QPSK	1	0	22.54	22.62	22.58
15	QPSK	1	37	22.63	22.56	22.52
15	QPSK	1	74	22.58	22.60	22.56
15	QPSK	36	0	21.73	21.84	21.74
15	QPSK	36	20	21.68	21.76	21.63
15	QPSK	36	39	21.70	21.81	21.78
15	QPSK	75	0	21.50	21.62	21.53
15	16QAM	1	0	21.88	21.88	21.84
15	16QAM	1	37	21.61	21.83	21.82
15	16QAM	1	74	21.58	21.78	21.76
15	16QAM	36	0	20.61	20.88	20.67
15	16QAM	36	20	20.80	20.66	20.61
15	16QAM	36	39	20.74	20.53	20.61
15	16QAM	75	0	20.74	20.66	20.76
15	64QAM	1	0	20.68	20.88	20.78
15	64QAM	1	37	20.81	20.75	20.52
15	64QAM	1	74	20.83	20.84	20.82
15	64QAM	36	0	19.76	19.76	19.65
15	64QAM	36	20	19.54	19.69	19.61
15	64QAM	36	39	19.57	19.57	19.86
15	64QAM	75	0	19.70	19.62	19.55



LTE Band 71						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				133172	133272	133422
Frequency (MHz)				668	678	693
10	QPSK	1	0	22.57	22.59	22.53
10	QPSK	1	25	22.57	22.50	22.51
10	QPSK	1	49	22.49	22.58	22.46
10	QPSK	25	0	21.79	21.84	21.83
10	QPSK	25	12	21.72	21.72	21.73
10	QPSK	25	25	21.75	21.81	21.76
10	QPSK	50	0	21.50	21.64	21.48
10	16QAM	1	0	21.72	21.79	21.73
10	16QAM	1	25	21.69	21.78	21.71
10	16QAM	1	49	21.58	21.76	21.59
10	16QAM	25	0	20.61	20.86	20.75
10	16QAM	25	12	20.95	20.82	20.77
10	16QAM	25	25	20.80	20.71	20.66
10	16QAM	50	0	20.96	20.66	20.55
10	64QAM	1	0	20.53	20.83	20.87
10	64QAM	1	25	20.79	20.73	20.51
10	64QAM	1	49	20.74	20.64	20.74
10	64QAM	25	0	19.72	19.71	19.78
10	64QAM	25	12	19.52	19.61	19.84
10	64QAM	25	25	19.55	19.59	19.75
10	64QAM	50	0	19.64	19.62	19.68



LTE Band 71						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				133147	133247	133447
Frequency (MHz)				665.5	675.5	695.5
5	QPSK	1	0	22.51	22.60	22.54
5	QPSK	1	12	22.58	22.53	22.49
5	QPSK	1	24	22.48	22.59	22.47
5	QPSK	12	0	21.72	21.80	21.79
5	QPSK	12	7	21.63	21.78	21.60
5	QPSK	12	13	21.64	21.74	21.76
5	QPSK	25	0	21.68	21.71	21.73
5	16QAM	1	0	21.78	21.83	21.85
5	16QAM	1	12	21.82	21.76	21.89
5	16QAM	1	24	21.75	21.79	22.02
5	16QAM	12	0	20.84	20.87	20.84
5	16QAM	12	7	20.81	20.79	20.73
5	16QAM	12	13	20.90	20.61	20.73
5	16QAM	25	0	20.84	20.69	20.59
5	64QAM	1	0	20.55	20.83	20.82
5	64QAM	1	12	20.69	20.85	20.69
5	64QAM	1	24	20.73	20.82	20.72
5	64QAM	12	0	19.79	19.88	19.61
5	64QAM	12	7	19.74	19.59	19.77
5	64QAM	12	13	19.64	19.66	19.75
5	64QAM	25	0	19.59	19.72	19.66



Effective Radiated Power and Effective Isotropic Radiated Power

LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18700		18900		19100	
Frequency (MHz)				1860		1880		1900	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	22.89	0.195	22.98	0.199	22.92	0.196
20	QPSK	1	49	22.93	0.196	22.92	0.196	22.85	0.193
20	QPSK	1	99	22.78	0.190	22.89	0.195	22.87	0.194
20	QPSK	50	0	21.95	0.157	22.12	0.163	22.11	0.163
20	QPSK	50	24	21.87	0.154	21.97	0.157	21.92	0.156
20	QPSK	50	50	21.97	0.157	21.99	0.158	21.87	0.154
20	QPSK	100	0	21.85	0.153	21.91	0.155	21.91	0.155
20	16QAM	1	0	22.01	0.159	22.11	0.163	22.01	0.159
20	16QAM	1	49	22.11	0.163	21.96	0.157	22.03	0.160
20	16QAM	1	99	22.08	0.161	21.92	0.156	22.02	0.159
20	16QAM	50	0	21.07	0.128	21.06	0.128	21.00	0.126
20	16QAM	50	24	20.92	0.124	21.02	0.126	20.96	0.125
20	16QAM	50	50	21.12	0.129	20.82	0.121	20.88	0.122
20	16QAM	100	0	20.89	0.123	21.09	0.129	21.16	0.131
20	64QAM	1	0	20.91	0.123	20.90	0.123	20.85	0.122
20	64QAM	1	49	20.94	0.124	20.98	0.125	20.84	0.121
20	64QAM	1	99	21.14	0.130	21.09	0.129	20.93	0.124
20	64QAM	50	0	19.90	0.098	20.09	0.102	19.91	0.098
20	64QAM	50	24	19.97	0.099	20.03	0.101	19.96	0.099
20	64QAM	50	50	19.94	0.099	19.94	0.099	19.83	0.096
20	64QAM	100	0	19.88	0.097	19.91	0.098	20.11	0.103



LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18675		18900		19125	
Frequency (MHz)				1857.5		1880		1902.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	22.90	0.195	22.95	0.197	22.94	0.197
15	QPSK	1	37	22.93	0.196	22.87	0.194	22.90	0.195
15	QPSK	1	74	22.87	0.194	22.86	0.193	22.76	0.189
15	QPSK	36	0	21.87	0.154	22.09	0.162	21.97	0.157
15	QPSK	36	20	22.00	0.158	21.86	0.153	21.92	0.156
15	QPSK	36	39	22.09	0.162	21.85	0.153	21.95	0.157
15	QPSK	75	0	21.91	0.155	22.02	0.159	21.91	0.155
15	16QAM	1	0	22.00	0.158	22.13	0.163	21.92	0.156
15	16QAM	1	37	22.08	0.161	21.89	0.155	22.12	0.163
15	16QAM	1	74	22.12	0.163	21.92	0.156	22.01	0.159
15	16QAM	36	0	20.94	0.124	21.01	0.126	21.02	0.126
15	16QAM	36	20	20.96	0.125	20.90	0.123	21.08	0.128
15	16QAM	36	39	21.17	0.131	20.95	0.124	21.06	0.128
15	16QAM	75	0	20.84	0.121	20.95	0.124	20.88	0.122
15	64QAM	1	0	20.93	0.124	20.89	0.123	20.82	0.121
15	64QAM	1	37	21.05	0.127	21.03	0.127	21.04	0.127
15	64QAM	1	74	20.98	0.125	20.95	0.124	20.92	0.124
15	64QAM	36	0	19.86	0.097	20.05	0.101	20.09	0.102
15	64QAM	36	20	19.83	0.096	19.92	0.098	19.95	0.099
15	64QAM	36	39	19.98	0.100	19.95	0.099	20.00	0.100
15	64QAM	75	0	20.06	0.101	19.98	0.100	20.10	0.102



LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18650		18900		19150	
Frequency (MHz)				1855		1880		1905	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	22.92	0.196	22.97	0.198	22.91	0.195
10	QPSK	1	25	22.86	0.193	22.87	0.194	22.93	0.196
10	QPSK	1	49	22.85	0.193	22.92	0.196	22.86	0.193
10	QPSK	25	0	22.05	0.160	22.14	0.164	21.98	0.158
10	QPSK	25	12	21.89	0.155	21.90	0.155	22.00	0.158
10	QPSK	25	25	21.89	0.155	21.84	0.153	21.92	0.156
10	QPSK	50	0	21.97	0.157	21.91	0.155	21.96	0.157
10	16QAM	1	0	22.17	0.165	22.04	0.160	21.93	0.156
10	16QAM	1	25	22.07	0.161	21.94	0.156	21.97	0.157
10	16QAM	1	49	21.96	0.157	21.96	0.157	21.89	0.155
10	16QAM	25	0	21.03	0.127	21.13	0.130	21.00	0.126
10	16QAM	25	12	21.05	0.127	21.10	0.129	20.92	0.124
10	16QAM	25	25	20.97	0.125	20.96	0.125	21.13	0.130
10	16QAM	50	0	21.11	0.129	21.03	0.127	21.05	0.127
10	64QAM	1	0	21.12	0.129	21.02	0.126	20.89	0.123
10	64QAM	1	25	20.94	0.124	21.07	0.128	21.11	0.129
10	64QAM	1	49	20.91	0.123	20.95	0.124	20.97	0.125
10	64QAM	25	0	19.93	0.098	20.02	0.100	19.89	0.097
10	64QAM	25	12	19.88	0.097	19.96	0.099	20.16	0.104
10	64QAM	25	25	20.00	0.100	19.92	0.098	19.89	0.097
10	64QAM	50	0	19.98	0.100	20.09	0.102	20.04	0.101



LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18625		18900		19175	
Frequency (MHz)				1852.5		1880		1907.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	22.88	0.194	22.96	0.198	22.91	0.195
5	QPSK	1	12	22.95	0.197	22.90	0.195	22.92	0.196
5	QPSK	1	24	22.83	0.192	22.87	0.194	22.94	0.197
5	QPSK	12	0	21.85	0.153	22.02	0.159	21.88	0.154
5	QPSK	12	7	22.10	0.162	21.85	0.153	21.90	0.155
5	QPSK	12	13	22.19	0.166	21.94	0.156	21.85	0.153
5	QPSK	25	0	21.95	0.157	22.10	0.162	22.08	0.161
5	16QAM	1	0	22.12	0.163	22.06	0.161	22.03	0.160
5	16QAM	1	12	22.04	0.160	21.92	0.156	22.04	0.160
5	16QAM	1	24	21.92	0.156	22.08	0.161	21.80	0.151
5	16QAM	12	0	21.06	0.128	20.97	0.125	21.09	0.129
5	16QAM	12	7	20.99	0.126	20.86	0.122	21.04	0.127
5	16QAM	12	13	21.15	0.130	21.09	0.129	20.99	0.126
5	16QAM	25	0	20.78	0.120	20.82	0.121	21.12	0.129
5	64QAM	1	0	21.11	0.129	21.07	0.128	20.91	0.123
5	64QAM	1	12	20.91	0.123	20.99	0.126	21.17	0.131
5	64QAM	1	24	21.10	0.129	20.96	0.125	20.85	0.122
5	64QAM	12	0	20.03	0.101	20.06	0.101	19.91	0.098
5	64QAM	12	7	20.06	0.101	20.16	0.104	19.99	0.100
5	64QAM	12	13	19.85	0.097	19.96	0.099	20.05	0.101
5	64QAM	25	0	20.13	0.103	20.10	0.102	19.95	0.099



LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18615		18900		19185	
Frequency (MHz)				1851.5		1880		1908.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	22.83	0.192	22.93	0.196	22.90	0.195
3	QPSK	1	8	22.87	0.194	22.86	0.193	22.76	0.189
3	QPSK	1	14	22.86	0.193	22.89	0.195	22.82	0.191
3	QPSK	8	0	22.10	0.162	21.97	0.157	21.91	0.155
3	QPSK	8	4	21.89	0.155	21.84	0.153	22.07	0.161
3	QPSK	8	7	22.19	0.166	21.80	0.151	21.86	0.153
3	QPSK	15	0	21.84	0.153	22.06	0.161	21.96	0.157
3	16QAM	1	0	22.14	0.164	22.02	0.159	21.92	0.156
3	16QAM	1	8	22.17	0.165	21.82	0.152	21.91	0.155
3	16QAM	1	14	21.79	0.151	22.06	0.161	21.90	0.155
3	16QAM	8	0	21.08	0.128	20.98	0.125	21.00	0.126
3	16QAM	8	4	21.10	0.129	21.02	0.126	20.97	0.125
3	16QAM	8	7	21.02	0.126	20.83	0.121	20.89	0.123
3	16QAM	15	0	20.95	0.124	20.82	0.121	21.01	0.126
3	64QAM	1	0	20.83	0.121	20.97	0.125	20.82	0.121
3	64QAM	1	8	20.85	0.122	21.05	0.127	20.88	0.122
3	64QAM	1	14	21.00	0.126	20.99	0.126	21.05	0.127
3	64QAM	8	0	19.91	0.098	19.84	0.096	19.87	0.097
3	64QAM	8	4	20.05	0.101	20.06	0.101	20.04	0.101
3	64QAM	8	7	19.82	0.096	19.73	0.094	19.79	0.095
3	64QAM	15	0	19.83	0.096	20.05	0.101	19.93	0.098



LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18607		18900		19193	
Frequency (MHz)				1850.7		1880		1909.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	22.89	0.195	22.92	0.196	22.89	0.195
1.4	QPSK	1	3	22.84	0.192	22.87	0.194	22.85	0.193
1.4	QPSK	1	5	22.83	0.192	22.90	0.195	22.90	0.195
1.4	QPSK	3	0	21.93	0.156	21.92	0.156	21.95	0.157
1.4	QPSK	3	1	22.13	0.163	22.09	0.162	21.91	0.155
1.4	QPSK	3	3	22.11	0.163	21.96	0.157	21.90	0.155
1.4	QPSK	6	0	21.93	0.156	22.16	0.164	22.01	0.159
1.4	16QAM	1	0	22.05	0.160	22.18	0.165	22.07	0.161
1.4	16QAM	1	3	22.11	0.163	22.05	0.160	22.00	0.158
1.4	16QAM	1	5	21.92	0.156	21.97	0.157	21.87	0.154
1.4	16QAM	3	0	21.08	0.128	21.14	0.130	21.19	0.132
1.4	16QAM	3	1	20.87	0.122	21.06	0.128	21.17	0.131
1.4	16QAM	3	3	21.04	0.127	20.92	0.124	20.90	0.123
1.4	16QAM	6	0	21.10	0.129	20.94	0.124	20.96	0.125
1.4	64QAM	1	0	21.05	0.127	20.87	0.122	20.96	0.125
1.4	64QAM	1	3	20.91	0.123	21.18	0.131	20.95	0.124
1.4	64QAM	1	5	20.81	0.121	21.18	0.131	20.76	0.119
1.4	64QAM	3	0	19.90	0.098	19.85	0.097	19.90	0.098
1.4	64QAM	3	1	19.93	0.098	20.17	0.104	20.14	0.103
1.4	64QAM	3	3	19.98	0.100	19.93	0.098	19.88	0.097
1.4	64QAM	6	0	19.92	0.098	20.04	0.101	19.98	0.100



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20050		20175		20300	
Frequency (MHz)				1720		1732.5		1745	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	24.87	0.307	24.94	0.312	24.89	0.308
20	QPSK	1	49	24.92	0.310	24.88	0.308	24.80	0.302
20	QPSK	1	99	24.89	0.308	24.75	0.299	24.81	0.303
20	QPSK	50	0	24.01	0.252	24.08	0.256	24.06	0.255
20	QPSK	50	24	24.01	0.252	23.91	0.246	23.96	0.249
20	QPSK	50	50	23.85	0.243	23.80	0.240	23.98	0.250
20	QPSK	100	0	23.90	0.245	23.87	0.244	23.84	0.242
20	16QAM	1	0	24.05	0.254	24.04	0.254	24.03	0.253
20	16QAM	1	49	24.05	0.254	23.77	0.238	23.84	0.242
20	16QAM	1	99	23.99	0.251	23.96	0.249	23.85	0.243
20	16QAM	50	0	23.04	0.201	23.00	0.200	22.91	0.195
20	16QAM	50	24	22.94	0.197	22.88	0.194	22.88	0.194
20	16QAM	50	50	23.06	0.202	22.86	0.193	22.74	0.188
20	16QAM	100	0	23.01	0.200	22.95	0.197	22.92	0.196
20	64QAM	1	0	22.79	0.190	22.99	0.199	22.74	0.188
20	64QAM	1	49	22.76	0.189	22.90	0.195	23.09	0.204
20	64QAM	1	99	23.05	0.202	22.88	0.194	22.85	0.193
20	64QAM	50	0	21.95	0.157	21.83	0.152	21.90	0.155
20	64QAM	50	24	21.98	0.158	21.96	0.157	22.01	0.159
20	64QAM	50	50	21.77	0.150	21.87	0.154	21.72	0.149
20	64QAM	100	0	21.91	0.155	21.81	0.152	21.89	0.155



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20025		20175		20325	
Frequency (MHz)				1717.5		1732.5		1747.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	24.88	0.308	24.91	0.310	24.90	0.309
15	QPSK	1	37	24.81	0.303	24.74	0.298	24.77	0.300
15	QPSK	1	74	24.76	0.299	24.84	0.305	24.67	0.293
15	QPSK	36	0	23.90	0.245	24.08	0.256	24.03	0.253
15	QPSK	36	20	23.94	0.248	24.05	0.254	23.92	0.247
15	QPSK	36	39	23.71	0.235	23.79	0.239	23.91	0.246
15	QPSK	75	0	23.76	0.238	23.77	0.238	23.96	0.249
15	16QAM	1	0	24.14	0.259	23.96	0.249	23.96	0.249
15	16QAM	1	37	24.19	0.262	23.89	0.245	23.89	0.245
15	16QAM	1	74	24.09	0.256	23.93	0.247	23.86	0.243
15	16QAM	36	0	23.05	0.202	22.86	0.193	23.03	0.201
15	16QAM	36	20	22.85	0.193	22.92	0.196	22.99	0.199
15	16QAM	36	39	23.07	0.203	22.85	0.193	22.78	0.190
15	16QAM	75	0	22.99	0.199	22.97	0.198	22.99	0.199
15	64QAM	1	0	22.80	0.191	22.99	0.199	22.75	0.188
15	64QAM	1	37	22.73	0.187	22.96	0.198	23.05	0.202
15	64QAM	1	74	23.01	0.200	22.99	0.199	22.77	0.189
15	64QAM	36	0	21.86	0.153	21.85	0.153	21.79	0.151
15	64QAM	36	20	21.98	0.158	21.95	0.157	21.88	0.154
15	64QAM	36	39	21.67	0.147	21.77	0.150	21.81	0.152
15	64QAM	75	0	21.79	0.151	21.75	0.150	21.90	0.155



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20000		20175		20350	
Frequency (MHz)				1715		1732.5		1750	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	24.88	0.308	24.92	0.310	24.90	0.309
10	QPSK	1	25	24.86	0.306	24.82	0.303	24.66	0.292
10	QPSK	1	49	24.84	0.305	24.78	0.301	24.67	0.293
10	QPSK	25	0	23.86	0.243	24.07	0.255	24.06	0.255
10	QPSK	25	12	24.13	0.259	23.77	0.238	24.06	0.255
10	QPSK	25	25	23.99	0.251	23.88	0.244	23.83	0.242
10	QPSK	50	0	23.93	0.247	23.88	0.244	23.87	0.244
10	16QAM	1	0	23.96	0.249	23.89	0.245	23.91	0.246
10	16QAM	1	25	24.08	0.256	23.64	0.231	23.94	0.248
10	16QAM	1	49	24.14	0.259	24.00	0.251	23.78	0.239
10	16QAM	25	0	23.00	0.200	23.02	0.200	23.01	0.200
10	16QAM	25	12	22.89	0.195	23.03	0.201	22.85	0.193
10	16QAM	25	25	23.06	0.202	22.97	0.198	22.87	0.194
10	16QAM	50	0	23.15	0.207	23.09	0.204	22.98	0.199
10	64QAM	1	0	22.82	0.191	23.06	0.202	22.73	0.187
10	64QAM	1	25	22.81	0.191	22.77	0.189	22.94	0.197
10	64QAM	1	49	22.90	0.195	22.74	0.188	22.90	0.195
10	64QAM	25	0	21.91	0.155	21.85	0.153	21.79	0.151
10	64QAM	25	12	21.88	0.154	21.86	0.153	22.00	0.158
10	64QAM	25	25	21.73	0.149	21.74	0.149	21.80	0.151
10	64QAM	50	0	21.82	0.152	21.70	0.148	21.91	0.155



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				19975		20175		20375	
Frequency (MHz)				1712.5		1732.5		1752.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	24.86	0.306	24.90	0.309	24.89	0.308
5	QPSK	1	12	24.79	0.301	24.85	0.305	24.85	0.305
5	QPSK	1	24	24.77	0.300	24.75	0.299	24.88	0.308
5	QPSK	12	0	24.13	0.259	24.07	0.255	24.11	0.258
5	QPSK	12	7	24.06	0.255	24.06	0.255	23.94	0.248
5	QPSK	12	13	23.74	0.237	23.94	0.248	23.96	0.249
5	QPSK	25	0	23.89	0.245	23.88	0.244	23.93	0.247
5	16QAM	1	0	24.12	0.258	23.92	0.247	23.98	0.250
5	16QAM	1	12	23.95	0.248	23.78	0.239	23.86	0.243
5	16QAM	1	24	23.99	0.251	23.98	0.250	23.93	0.247
5	16QAM	12	0	22.99	0.199	23.05	0.202	22.81	0.191
5	16QAM	12	7	22.99	0.199	22.74	0.188	22.91	0.195
5	16QAM	12	13	23.11	0.205	23.01	0.200	22.78	0.190
5	16QAM	25	0	22.93	0.196	22.86	0.193	23.02	0.200
5	64QAM	1	0	22.89	0.195	22.97	0.198	22.69	0.186
5	64QAM	1	12	22.91	0.195	22.86	0.193	22.98	0.199
5	64QAM	1	24	22.94	0.197	22.97	0.198	22.99	0.199
5	64QAM	12	0	22.08	0.161	21.74	0.149	21.86	0.153
5	64QAM	12	7	22.06	0.161	21.95	0.157	22.02	0.159
5	64QAM	12	13	21.77	0.150	21.90	0.155	21.83	0.152
5	64QAM	25	0	22.04	0.160	21.77	0.150	22.01	0.159



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				19965		20175		20385	
Frequency (MHz)				1711.5		1732.5		1753.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	24.76	0.299	24.89	0.308	24.86	0.306
3	QPSK	1	8	24.83	0.304	24.75	0.299	24.77	0.300
3	QPSK	1	14	24.82	0.303	24.72	0.296	24.77	0.300
3	QPSK	8	0	24.09	0.256	24.08	0.256	23.94	0.248
3	QPSK	8	4	24.09	0.256	24.03	0.253	23.82	0.241
3	QPSK	8	7	23.81	0.240	23.91	0.246	23.89	0.245
3	QPSK	15	0	23.88	0.244	23.90	0.245	23.79	0.239
3	16QAM	1	0	24.04	0.254	24.13	0.259	23.94	0.248
3	16QAM	1	8	24.04	0.254	23.79	0.239	23.75	0.237
3	16QAM	1	14	24.14	0.259	24.07	0.255	23.82	0.241
3	16QAM	8	0	22.90	0.195	23.02	0.200	22.91	0.195
3	16QAM	8	4	22.95	0.197	22.89	0.195	22.86	0.193
3	16QAM	8	7	22.93	0.196	22.76	0.189	22.65	0.184
3	16QAM	15	0	23.05	0.202	22.80	0.191	22.90	0.195
3	64QAM	1	0	22.78	0.190	23.00	0.200	22.85	0.193
3	64QAM	1	8	22.75	0.188	22.83	0.192	23.11	0.205
3	64QAM	1	14	23.13	0.206	22.89	0.195	22.71	0.187
3	64QAM	8	0	21.94	0.156	21.89	0.155	21.78	0.151
3	64QAM	8	4	21.88	0.154	21.85	0.153	21.82	0.152
3	64QAM	8	7	21.66	0.147	21.81	0.152	21.63	0.146
3	64QAM	15	0	21.84	0.153	21.77	0.150	21.78	0.151



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				19957		20175		20393	
Frequency (MHz)				1710.7		1732.5		1754.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	24.89	0.308	24.91	0.310	24.84	0.305
1.4	QPSK	1	3	24.79	0.301	24.88	0.308	24.74	0.298
1.4	QPSK	1	5	24.85	0.305	24.64	0.291	24.82	0.303
1.4	QPSK	3	0	24.09	0.256	24.00	0.251	24.11	0.258
1.4	QPSK	3	1	23.92	0.247	23.91	0.246	23.86	0.243
1.4	QPSK	3	3	23.85	0.243	23.92	0.247	24.01	0.252
1.4	QPSK	6	0	23.97	0.249	23.97	0.249	23.85	0.243
1.4	16QAM	1	0	24.14	0.259	23.93	0.247	23.95	0.248
1.4	16QAM	1	3	23.98	0.250	23.78	0.239	23.93	0.247
1.4	16QAM	1	5	24.10	0.257	23.87	0.244	23.80	0.240
1.4	16QAM	3	0	23.03	0.201	23.02	0.200	22.78	0.190
1.4	16QAM	3	1	22.87	0.194	22.79	0.190	22.85	0.193
1.4	16QAM	3	3	23.02	0.200	22.80	0.191	22.80	0.191
1.4	16QAM	6	0	22.97	0.198	22.98	0.199	22.85	0.193
1.4	64QAM	1	0	22.77	0.189	22.87	0.194	22.83	0.192
1.4	64QAM	1	3	22.77	0.189	22.95	0.197	23.05	0.202
1.4	64QAM	1	5	23.08	0.203	22.85	0.193	22.93	0.196
1.4	64QAM	3	0	22.06	0.161	21.97	0.157	22.00	0.158
1.4	64QAM	3	1	22.09	0.162	22.07	0.161	21.93	0.156
1.4	64QAM	3	3	21.81	0.152	22.01	0.159	21.81	0.152
1.4	64QAM	6	0	21.84	0.153	21.91	0.155	21.97	0.157



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	20.10	0.102	20.16	0.104	20.13	0.103
10	QPSK	1	25	20.08	0.102	19.89	0.097	20.06	0.101
10	QPSK	1	49	20.11	0.103	20.04	0.101	20.07	0.102
10	QPSK	25	0	19.17	0.083	19.19	0.083	19.10	0.081
10	QPSK	25	12	19.13	0.082	18.98	0.079	19.08	0.081
10	QPSK	25	25	19.10	0.081	18.92	0.078	19.12	0.082
10	QPSK	50	0	19.02	0.080	19.04	0.080	19.15	0.082
10	16QAM	1	0	19.13	0.082	19.23	0.084	19.19	0.083
10	16QAM	1	25	19.10	0.081	18.99	0.079	18.95	0.079
10	16QAM	1	49	19.17	0.083	19.04	0.080	19.01	0.080
10	16QAM	25	0	18.09	0.064	18.20	0.066	18.23	0.067
10	16QAM	25	12	18.15	0.065	18.04	0.064	18.15	0.065
10	16QAM	25	25	18.15	0.065	18.11	0.065	17.94	0.062
10	16QAM	50	0	18.09	0.064	18.17	0.066	18.17	0.066
10	64QAM	1	0	17.90	0.062	18.06	0.064	17.87	0.061
10	64QAM	1	25	17.91	0.062	18.15	0.065	18.16	0.065
10	64QAM	1	49	18.05	0.064	18.16	0.065	17.96	0.063
10	64QAM	25	0	17.25	0.053	16.94	0.049	16.97	0.050
10	64QAM	25	12	17.20	0.052	17.08	0.051	17.15	0.052
10	64QAM	25	25	16.95	0.050	17.21	0.053	17.08	0.051
10	64QAM	50	0	17.22	0.053	17.07	0.051	17.13	0.052



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	20.03	0.101	20.11	0.103	20.09	0.102
5	QPSK	1	12	20.00	0.100	20.05	0.101	20.07	0.102
5	QPSK	1	24	19.99	0.100	20.06	0.101	19.96	0.099
5	QPSK	12	0	19.09	0.081	19.20	0.083	19.26	0.084
5	QPSK	12	7	19.11	0.081	19.28	0.085	19.18	0.083
5	QPSK	12	13	19.07	0.081	18.96	0.079	19.25	0.084
5	QPSK	25	0	19.22	0.084	18.96	0.079	18.97	0.079
5	16QAM	1	0	19.12	0.082	19.23	0.084	19.14	0.082
5	16QAM	1	12	19.11	0.081	19.02	0.080	19.12	0.082
5	16QAM	1	24	19.20	0.083	19.25	0.084	19.14	0.082
5	16QAM	12	0	18.16	0.065	18.20	0.066	18.12	0.065
5	16QAM	12	7	18.15	0.065	18.07	0.064	17.95	0.062
5	16QAM	12	13	18.15	0.065	18.21	0.066	17.81	0.060
5	16QAM	25	0	18.13	0.065	18.17	0.066	18.16	0.065
5	64QAM	1	0	17.86	0.061	18.21	0.066	17.89	0.062
5	64QAM	1	12	17.97	0.063	18.26	0.067	18.26	0.067
5	64QAM	1	24	18.34	0.068	18.11	0.065	18.16	0.065
5	64QAM	12	0	17.19	0.052	17.15	0.052	17.12	0.052
5	64QAM	12	7	17.26	0.053	17.04	0.051	17.35	0.054
5	64QAM	12	13	16.86	0.049	17.24	0.053	16.94	0.049
5	64QAM	25	0	17.08	0.051	16.95	0.050	17.17	0.052



LTE Band 5				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20415		20525		20635	
Frequency (MHz)				825.5		836.5		847.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	19.97	0.099	20.12	0.103	19.96	0.099
3	QPSK	1	8	20.04	0.101	20.05	0.101	19.95	0.099
3	QPSK	1	14	19.99	0.100	20.07	0.102	19.95	0.099
3	QPSK	8	0	19.19	0.083	19.14	0.082	19.15	0.082
3	QPSK	8	4	19.17	0.083	19.06	0.081	19.14	0.082
3	QPSK	8	7	19.15	0.082	18.91	0.078	19.13	0.082
3	QPSK	15	0	18.97	0.079	19.19	0.083	19.07	0.081
3	16QAM	1	0	19.25	0.084	19.30	0.085	19.29	0.085
3	16QAM	1	8	19.13	0.082	18.91	0.078	19.01	0.080
3	16QAM	1	14	19.32	0.086	19.24	0.084	18.95	0.079
3	16QAM	8	0	18.23	0.067	18.07	0.064	18.01	0.063
3	16QAM	8	4	18.02	0.063	18.11	0.065	18.13	0.065
3	16QAM	8	7	18.26	0.067	18.13	0.065	18.06	0.064
3	16QAM	15	0	18.19	0.066	18.28	0.067	18.21	0.066
3	64QAM	1	0	18.14	0.065	18.28	0.067	17.97	0.063
3	64QAM	1	8	17.99	0.063	18.08	0.064	18.16	0.065
3	64QAM	1	14	18.34	0.068	18.13	0.065	17.99	0.063
3	64QAM	8	0	17.17	0.052	17.03	0.050	16.99	0.050
3	64QAM	8	4	17.07	0.051	17.21	0.053	17.19	0.052
3	64QAM	8	7	17.02	0.050	17.00	0.050	17.00	0.050
3	64QAM	15	0	17.28	0.053	17.15	0.052	17.23	0.053



LTE Band 5				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20407		20525		20643	
Frequency (MHz)				824.7		836.5		848.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	19.99	0.100	20.08	0.102	20.05	0.101
1.4	QPSK	1	3	20.02	0.100	20.05	0.101	19.88	0.097
1.4	QPSK	1	5	20.01	0.100	20.02	0.100	20.00	0.100
1.4	QPSK	3	0	19.14	0.082	19.18	0.083	19.16	0.082
1.4	QPSK	3	1	19.15	0.082	19.22	0.084	19.23	0.084
1.4	QPSK	3	3	19.05	0.080	18.94	0.078	19.13	0.082
1.4	QPSK	6	0	19.25	0.084	19.15	0.082	18.97	0.079
1.4	16QAM	1	0	19.39	0.087	19.36	0.086	19.11	0.081
1.4	16QAM	1	3	19.28	0.085	19.14	0.082	18.93	0.078
1.4	16QAM	1	5	19.23	0.084	19.11	0.081	19.10	0.081
1.4	16QAM	3	0	18.27	0.067	18.19	0.066	18.08	0.064
1.4	16QAM	3	1	18.02	0.063	18.02	0.063	18.24	0.067
1.4	16QAM	3	3	18.12	0.065	18.03	0.064	18.04	0.064
1.4	16QAM	6	0	18.20	0.066	18.07	0.064	18.18	0.066
1.4	64QAM	1	0	17.97	0.063	18.16	0.065	17.81	0.060
1.4	64QAM	1	3	18.03	0.064	18.03	0.064	18.03	0.064
1.4	64QAM	1	5	18.16	0.065	18.16	0.065	18.14	0.065
1.4	64QAM	3	0	17.27	0.053	17.07	0.051	17.10	0.051
1.4	64QAM	3	1	17.21	0.053	17.23	0.053	17.15	0.052
1.4	64QAM	3	3	16.97	0.050	17.04	0.051	16.96	0.050
1.4	64QAM	6	0	17.19	0.052	17.04	0.051	17.06	0.051



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	24.24	0.265	24.29	0.269	24.26	0.267
20	QPSK	1	49	24.06	0.255	24.21	0.264	24.16	0.261
20	QPSK	1	99	24.20	0.263	24.11	0.258	24.18	0.262
20	QPSK	50	0	23.28	0.213	23.41	0.219	23.37	0.217
20	QPSK	50	24	23.21	0.209	23.05	0.202	23.19	0.208
20	QPSK	50	50	23.27	0.212	23.16	0.207	23.11	0.205
20	QPSK	100	0	23.14	0.206	23.12	0.205	23.10	0.204
20	16QAM	1	0	23.44	0.221	23.39	0.218	23.16	0.207
20	16QAM	1	49	23.22	0.210	23.18	0.208	23.29	0.213
20	16QAM	1	99	23.26	0.212	23.11	0.205	23.29	0.213
20	16QAM	50	0	22.16	0.164	22.32	0.171	22.33	0.171
20	16QAM	50	24	22.05	0.160	22.17	0.165	22.28	0.169
20	16QAM	50	50	22.20	0.166	22.00	0.158	22.10	0.162
20	16QAM	100	0	22.31	0.170	22.06	0.161	22.20	0.166
20	64QAM	1	0	22.35	0.172	22.07	0.161	22.23	0.167
20	64QAM	1	49	22.05	0.160	22.31	0.170	22.27	0.169
20	64QAM	1	99	22.28	0.169	22.27	0.169	22.18	0.165
20	64QAM	50	0	21.26	0.134	21.30	0.135	21.21	0.132
20	64QAM	50	24	21.34	0.136	21.38	0.137	21.35	0.136
20	64QAM	50	50	21.18	0.131	21.23	0.133	21.13	0.130
20	64QAM	100	0	21.06	0.128	21.18	0.131	21.23	0.133



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	24.21	0.264	24.25	0.266	24.12	0.258
15	QPSK	1	37	24.14	0.259	24.24	0.265	24.15	0.260
15	QPSK	1	74	24.01	0.252	24.13	0.259	24.00	0.251
15	QPSK	36	0	23.28	0.213	23.26	0.212	23.29	0.213
15	QPSK	36	20	23.27	0.212	23.12	0.205	23.35	0.216
15	QPSK	36	39	23.36	0.217	23.28	0.213	23.29	0.213
15	QPSK	75	0	22.94	0.197	23.12	0.205	23.31	0.214
15	16QAM	1	0	23.43	0.220	23.40	0.219	23.25	0.211
15	16QAM	1	37	23.22	0.210	23.16	0.207	23.33	0.215
15	16QAM	1	74	23.01	0.200	23.33	0.215	23.22	0.210
15	16QAM	36	0	22.26	0.168	22.10	0.162	22.28	0.169
15	16QAM	36	20	22.09	0.162	22.26	0.168	22.38	0.173
15	16QAM	36	39	22.17	0.165	22.00	0.158	22.02	0.159
15	16QAM	75	0	22.18	0.165	22.18	0.165	22.29	0.169
15	64QAM	1	0	22.22	0.167	22.04	0.160	22.08	0.161
15	64QAM	1	37	22.07	0.161	22.26	0.168	22.27	0.169
15	64QAM	1	74	22.32	0.171	22.40	0.174	22.01	0.159
15	64QAM	36	0	21.38	0.137	21.09	0.129	21.06	0.128
15	64QAM	36	20	21.31	0.135	21.33	0.136	21.12	0.129
15	64QAM	36	39	21.17	0.131	21.07	0.128	21.25	0.133
15	64QAM	75	0	21.34	0.136	21.12	0.129	21.09	0.129



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	24.19	0.262	24.26	0.267	24.19	0.262
10	QPSK	1	25	24.07	0.255	24.23	0.265	24.09	0.256
10	QPSK	1	49	24.16	0.261	24.09	0.256	24.21	0.264
10	QPSK	25	0	23.11	0.205	23.13	0.206	23.39	0.218
10	QPSK	25	12	23.14	0.206	23.12	0.205	23.25	0.211
10	QPSK	25	25	23.14	0.206	23.19	0.208	23.20	0.209
10	QPSK	50	0	23.12	0.205	23.21	0.209	22.99	0.199
10	16QAM	1	0	23.31	0.214	23.17	0.207	23.29	0.213
10	16QAM	1	25	23.11	0.205	23.03	0.201	23.14	0.206
10	16QAM	1	49	22.99	0.199	23.11	0.205	23.05	0.202
10	16QAM	25	0	22.15	0.164	22.20	0.166	22.32	0.171
10	16QAM	25	12	22.31	0.170	22.15	0.164	22.15	0.164
10	16QAM	25	25	22.09	0.162	22.09	0.162	22.01	0.159
10	16QAM	50	0	22.31	0.170	22.18	0.165	22.14	0.164
10	64QAM	1	0	22.11	0.163	22.19	0.166	22.18	0.165
10	64QAM	1	25	22.19	0.166	22.36	0.172	22.27	0.169
10	64QAM	1	49	22.29	0.169	22.25	0.168	22.23	0.167
10	64QAM	25	0	21.07	0.128	21.11	0.129	21.11	0.129
10	64QAM	25	12	21.26	0.134	21.25	0.133	21.35	0.136
10	64QAM	25	25	21.01	0.126	21.17	0.131	21.12	0.129
10	64QAM	50	0	21.29	0.135	21.32	0.136	21.12	0.129



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	24.12	0.258	24.24	0.265	24.20	0.263
5	QPSK	1	12	24.19	0.262	24.17	0.261	24.12	0.258
5	QPSK	1	24	24.14	0.259	24.11	0.258	24.04	0.254
5	QPSK	12	0	23.21	0.209	23.37	0.217	23.31	0.214
5	QPSK	12	7	23.17	0.207	23.15	0.207	23.29	0.213
5	QPSK	12	13	23.38	0.218	23.05	0.202	23.14	0.206
5	QPSK	25	0	23.10	0.204	23.15	0.207	23.13	0.206
5	16QAM	1	0	23.25	0.211	23.21	0.209	23.04	0.201
5	16QAM	1	12	23.33	0.215	23.08	0.203	23.22	0.210
5	16QAM	1	24	23.02	0.200	23.04	0.201	23.32	0.215
5	16QAM	12	0	22.41	0.174	22.15	0.164	22.31	0.170
5	16QAM	12	7	22.08	0.161	22.15	0.164	22.24	0.167
5	16QAM	12	13	22.31	0.170	22.24	0.167	22.34	0.171
5	16QAM	25	0	22.11	0.163	22.12	0.163	22.09	0.162
5	64QAM	1	0	22.23	0.167	22.27	0.169	22.22	0.167
5	64QAM	1	12	22.21	0.166	22.26	0.168	22.24	0.167
5	64QAM	1	24	22.36	0.172	22.40	0.174	22.27	0.169
5	64QAM	12	0	21.22	0.132	21.20	0.132	21.26	0.134
5	64QAM	12	7	21.01	0.126	21.09	0.129	21.20	0.132
5	64QAM	12	13	21.08	0.128	21.26	0.134	21.17	0.131
5	64QAM	25	0	21.19	0.132	21.27	0.134	21.06	0.128



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	23.48	0.223	23.68	0.233	23.62	0.230
10	QPSK	1	25	23.47	0.222	23.55	0.226	23.47	0.222
10	QPSK	1	49	23.61	0.230	23.63	0.231	23.65	0.232
10	QPSK	25	0	22.53	0.179	22.73	0.187	22.53	0.179
10	QPSK	25	12	22.34	0.171	22.65	0.184	22.54	0.179
10	QPSK	25	25	22.65	0.184	22.71	0.187	22.48	0.177
10	QPSK	50	0	22.22	0.167	22.56	0.180	22.36	0.172
10	16QAM	1	0	22.65	0.184	22.57	0.181	22.57	0.181
10	16QAM	1	25	22.57	0.181	22.54	0.179	22.76	0.189
10	16QAM	1	49	22.51	0.178	22.74	0.188	22.81	0.191
10	16QAM	25	0	21.48	0.141	21.56	0.143	21.49	0.141
10	16QAM	25	12	21.66	0.147	21.57	0.144	21.66	0.147
10	16QAM	25	25	21.54	0.143	21.44	0.139	21.34	0.136
10	16QAM	50	0	21.52	0.142	21.59	0.144	21.60	0.145
10	64QAM	1	0	21.57	0.144	21.65	0.146	21.47	0.140
10	64QAM	1	25	21.70	0.148	21.57	0.144	21.34	0.136
10	64QAM	1	49	21.49	0.141	21.54	0.143	21.56	0.143
10	64QAM	25	0	20.62	0.115	20.73	0.118	20.70	0.117
10	64QAM	25	12	20.49	0.112	20.67	0.117	20.59	0.115
10	64QAM	25	25	20.45	0.111	20.45	0.111	20.71	0.118
10	64QAM	50	0	20.56	0.114	20.51	0.112	20.38	0.109



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	23.57	0.228	23.65	0.232	23.61	0.230
5	QPSK	1	12	23.36	0.217	23.34	0.216	23.39	0.218
5	QPSK	1	24	23.51	0.224	23.47	0.222	23.49	0.223
5	QPSK	12	0	22.53	0.179	22.71	0.187	22.67	0.185
5	QPSK	12	7	22.61	0.182	22.54	0.179	22.54	0.179
5	QPSK	12	13	22.56	0.180	22.73	0.187	22.49	0.177
5	QPSK	25	0	22.34	0.171	22.40	0.174	22.49	0.177
5	16QAM	1	0	22.58	0.181	22.62	0.183	22.73	0.187
5	16QAM	1	12	22.49	0.177	22.58	0.181	22.76	0.189
5	16QAM	1	24	22.46	0.176	22.58	0.181	22.61	0.182
5	16QAM	12	0	21.73	0.149	21.76	0.150	21.59	0.144
5	16QAM	12	7	21.71	0.148	21.69	0.148	21.51	0.142
5	16QAM	12	13	21.75	0.150	21.44	0.139	21.53	0.142
5	16QAM	25	0	21.54	0.143	21.58	0.144	21.61	0.145
5	64QAM	1	0	21.45	0.140	21.74	0.149	21.63	0.146
5	64QAM	1	12	21.50	0.141	21.65	0.146	21.48	0.141
5	64QAM	1	24	21.60	0.145	21.75	0.150	21.61	0.145
5	64QAM	12	0	20.44	0.111	20.64	0.116	20.44	0.111
5	64QAM	12	7	20.40	0.110	20.62	0.115	20.60	0.115
5	64QAM	12	13	20.50	0.112	20.40	0.110	20.65	0.116
5	64QAM	25	0	20.47	0.111	20.26	0.106	20.43	0.110



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	23.56	0.227	23.60	0.229	23.50	0.224
3	QPSK	1	8	23.53	0.225	23.54	0.226	23.51	0.224
3	QPSK	1	14	23.47	0.222	23.40	0.219	23.43	0.220
3	QPSK	8	0	22.63	0.183	22.63	0.183	22.60	0.182
3	QPSK	8	4	22.58	0.181	22.38	0.173	22.38	0.173
3	QPSK	8	7	22.61	0.182	22.61	0.182	22.43	0.175
3	QPSK	15	0	22.43	0.175	22.40	0.174	22.32	0.171
3	16QAM	1	0	22.61	0.182	22.54	0.179	22.50	0.178
3	16QAM	1	8	22.70	0.186	22.49	0.177	22.58	0.181
3	16QAM	1	14	22.32	0.171	22.49	0.177	22.46	0.176
3	16QAM	8	0	21.47	0.140	21.55	0.143	21.52	0.142
3	16QAM	8	4	21.67	0.147	21.65	0.146	21.51	0.142
3	16QAM	8	7	21.61	0.145	21.46	0.140	21.48	0.141
3	16QAM	15	0	21.51	0.142	21.45	0.140	21.50	0.141
3	64QAM	1	0	21.41	0.138	21.72	0.149	21.65	0.146
3	64QAM	1	8	21.65	0.146	21.61	0.145	21.50	0.141
3	64QAM	1	14	21.43	0.139	21.76	0.150	21.62	0.145
3	64QAM	8	0	20.47	0.111	20.60	0.115	20.65	0.116
3	64QAM	8	4	20.48	0.112	20.58	0.114	20.63	0.116
3	64QAM	8	7	20.43	0.110	20.40	0.110	20.68	0.117
3	64QAM	15	0	20.39	0.109	20.55	0.114	20.36	0.109



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	23.60	0.229	23.62	0.230	23.46	0.222
1.4	QPSK	1	3	23.45	0.221	23.48	0.223	23.42	0.220
1.4	QPSK	1	5	23.43	0.220	23.55	0.226	23.46	0.222
1.4	QPSK	3	0	22.50	0.178	22.81	0.191	22.56	0.180
1.4	QPSK	3	1	22.53	0.179	22.60	0.182	22.53	0.179
1.4	QPSK	3	3	22.74	0.188	22.72	0.187	22.56	0.180
1.4	QPSK	6	0	22.48	0.177	22.59	0.182	22.37	0.173
1.4	16QAM	1	0	22.55	0.180	22.53	0.179	22.54	0.179
1.4	16QAM	1	3	22.49	0.177	22.70	0.186	22.76	0.189
1.4	16QAM	1	5	22.42	0.175	22.53	0.179	22.47	0.177
1.4	16QAM	3	0	21.43	0.139	21.59	0.144	21.53	0.142
1.4	16QAM	3	1	21.59	0.144	21.69	0.148	21.48	0.141
1.4	16QAM	3	3	21.75	0.150	21.47	0.140	21.43	0.139
1.4	16QAM	6	0	21.65	0.146	21.54	0.143	21.41	0.138
1.4	64QAM	1	0	21.36	0.137	21.58	0.144	21.49	0.141
1.4	64QAM	1	3	21.58	0.144	21.58	0.144	21.46	0.140
1.4	64QAM	1	5	21.58	0.144	21.57	0.144	21.77	0.150
1.4	64QAM	3	0	20.51	0.112	20.55	0.114	20.64	0.116
1.4	64QAM	3	1	20.56	0.114	20.65	0.116	20.71	0.118
1.4	64QAM	3	3	20.47	0.111	20.44	0.111	20.73	0.118
1.4	64QAM	6	0	20.51	0.112	20.30	0.107	20.46	0.111



LTE Band 13				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				/		23230		/	
Frequency (MHz)				/		782		/	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	/	/	18.55	0.072	/	/
10	QPSK	1	25	/	/	18.47	0.070	/	/
10	QPSK	1	49	/	/	18.46	0.070	/	/
10	QPSK	25	0	/	/	17.71	0.059	/	/
10	QPSK	25	12	/	/	17.47	0.056	/	/
10	QPSK	25	25	/	/	17.76	0.060	/	/
10	QPSK	50	0	/	/	17.42	0.055	/	/
10	16QAM	1	0	/	/	17.65	0.058	/	/
10	16QAM	1	25	/	/	17.57	0.057	/	/
10	16QAM	1	49	/	/	17.56	0.057	/	/
10	16QAM	25	0	/	/	16.71	0.047	/	/
10	16QAM	25	12	/	/	16.63	0.046	/	/
10	16QAM	25	25	/	/	16.35	0.043	/	/
10	16QAM	50	0	/	/	16.45	0.044	/	/
10	64QAM	1	0	/	/	16.74	0.047	/	/
10	64QAM	1	25	/	/	16.63	0.046	/	/
10	64QAM	1	49	/	/	16.57	0.045	/	/
10	64QAM	25	0	/	/	15.54	0.036	/	/
10	64QAM	25	12	/	/	15.44	0.035	/	/
10	64QAM	25	25	/	/	15.45	0.035	/	/
10	64QAM	50	0	/	/	15.28	0.034	/	/



LTE Band 13				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23205		23230		23255	
Frequency (MHz)				779.5		782		784.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	18.41	0.069	18.51	0.071	18.43	0.070
5	QPSK	1	12	18.42	0.070	18.46	0.070	18.45	0.070
5	QPSK	1	24	18.42	0.070	18.32	0.068	18.39	0.069
5	QPSK	12	0	17.64	0.058	17.56	0.057	17.45	0.056
5	QPSK	12	7	17.31	0.054	17.50	0.056	17.52	0.056
5	QPSK	12	13	17.67	0.058	17.54	0.057	17.53	0.057
5	QPSK	25	0	17.42	0.055	17.63	0.058	17.41	0.055
5	16QAM	1	0	17.50	0.056	17.62	0.058	17.46	0.056
5	16QAM	1	12	17.65	0.058	17.63	0.058	17.68	0.059
5	16QAM	1	24	17.34	0.054	17.63	0.058	17.76	0.060
5	16QAM	12	0	16.51	0.045	16.48	0.044	16.43	0.044
5	16QAM	12	7	16.68	0.047	16.63	0.046	16.64	0.046
5	16QAM	12	13	16.69	0.047	16.33	0.043	16.37	0.043
5	16QAM	25	0	16.54	0.045	16.29	0.043	16.41	0.044
5	64QAM	1	0	16.36	0.043	16.52	0.045	16.53	0.045
5	64QAM	1	12	16.56	0.045	16.53	0.045	16.55	0.045
5	64QAM	1	24	16.34	0.043	16.64	0.046	16.66	0.046
5	64QAM	12	0	15.46	0.035	15.46	0.035	15.57	0.036
5	64QAM	12	7	15.27	0.034	15.51	0.036	15.51	0.036
5	64QAM	12	13	15.32	0.034	15.44	0.035	15.59	0.036
5	64QAM	25	0	15.29	0.034	15.30	0.034	15.42	0.035



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	20.50	0.112	20.53	0.113	20.37	0.109
10	QPSK	1	25	20.16	0.104	20.44	0.111	20.29	0.107
10	QPSK	1	49	20.45	0.111	20.42	0.110	20.45	0.111
10	QPSK	25	0	19.51	0.089	19.66	0.092	19.55	0.090
10	QPSK	25	12	19.37	0.086	19.52	0.090	19.46	0.088
10	QPSK	25	25	19.54	0.090	19.50	0.089	19.30	0.085
10	QPSK	50	0	19.34	0.086	19.42	0.087	19.39	0.087
10	16QAM	1	0	19.61	0.091	19.57	0.091	19.50	0.089
10	16QAM	1	25	19.61	0.091	19.55	0.090	19.61	0.091
10	16QAM	1	49	19.39	0.087	19.60	0.091	19.54	0.090
10	16QAM	25	0	18.50	0.071	18.60	0.072	18.44	0.070
10	16QAM	25	12	18.41	0.069	18.33	0.068	18.46	0.070
10	16QAM	25	25	18.59	0.072	18.32	0.068	18.33	0.068
10	16QAM	50	0	18.58	0.072	18.25	0.067	18.29	0.067
10	64QAM	1	0	18.35	0.068	18.53	0.071	18.59	0.072
10	64QAM	1	25	18.54	0.071	18.50	0.071	18.44	0.070
10	64QAM	1	49	18.36	0.069	18.62	0.073	18.49	0.071
10	64QAM	25	0	17.38	0.055	17.47	0.056	17.48	0.056
10	64QAM	25	12	17.33	0.054	17.41	0.055	17.48	0.056
10	64QAM	25	25	17.29	0.054	17.29	0.054	17.52	0.056
10	64QAM	50	0	17.48	0.056	17.39	0.055	17.51	0.056



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	20.43	0.110	20.50	0.112	20.41	0.110
5	QPSK	1	12	20.42	0.110	20.49	0.112	20.35	0.108
5	QPSK	1	24	20.35	0.108	20.42	0.110	20.39	0.109
5	QPSK	12	0	19.58	0.091	19.59	0.091	19.49	0.089
5	QPSK	12	7	19.54	0.090	19.33	0.086	19.53	0.090
5	QPSK	12	13	19.50	0.089	19.57	0.091	19.28	0.085
5	QPSK	25	0	19.39	0.087	19.45	0.088	19.30	0.085
5	16QAM	1	0	19.58	0.091	19.65	0.092	19.58	0.091
5	16QAM	1	12	19.49	0.089	19.57	0.091	19.60	0.091
5	16QAM	1	24	19.31	0.085	19.52	0.090	19.53	0.090
5	16QAM	12	0	18.35	0.068	18.52	0.071	18.46	0.070
5	16QAM	12	7	18.47	0.070	18.43	0.070	18.42	0.070
5	16QAM	12	13	18.50	0.071	18.34	0.068	18.49	0.071
5	16QAM	25	0	18.42	0.070	18.29	0.067	18.48	0.070
5	64QAM	1	0	18.41	0.069	18.44	0.070	18.53	0.071
5	64QAM	1	12	18.41	0.069	18.65	0.073	18.54	0.071
5	64QAM	1	24	18.60	0.072	18.59	0.072	18.67	0.074
5	64QAM	12	0	17.40	0.055	17.62	0.058	17.57	0.057
5	64QAM	12	7	17.28	0.053	17.39	0.055	17.59	0.057
5	64QAM	12	13	17.27	0.053	17.42	0.055	17.56	0.057
5	64QAM	25	0	17.31	0.054	17.29	0.054	17.54	0.057



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	19.22	0.084	19.27	0.085	19.33	0.086
5	QPSK	1	12	19.12	0.082	19.21	0.083	19.24	0.084
5	QPSK	1	24	19.52	0.090	19.44	0.088	19.53	0.090
5	QPSK	12	0	18.40	0.069	18.40	0.069	18.50	0.071
5	QPSK	12	7	18.32	0.068	18.29	0.067	18.36	0.069
5	QPSK	12	13	18.28	0.067	18.24	0.067	18.34	0.068
5	QPSK	25	0	18.22	0.066	18.18	0.066	18.28	0.067
5	16QAM	1	0	18.53	0.071	18.59	0.072	18.62	0.073
5	16QAM	1	12	18.61	0.073	18.67	0.074	18.70	0.074
5	16QAM	1	24	18.64	0.073	18.60	0.072	18.66	0.073
5	16QAM	12	0	17.25	0.053	17.36	0.054	17.37	0.055
5	16QAM	12	7	17.23	0.053	17.24	0.053	17.32	0.054
5	16QAM	12	13	17.11	0.051	17.07	0.051	17.16	0.052
5	16QAM	25	0	17.36	0.054	17.35	0.054	17.37	0.055
5	64QAM	1	0	17.25	0.053	17.35	0.054	17.36	0.054
5	64QAM	1	12	17.38	0.055	17.37	0.055	17.44	0.055
5	64QAM	1	24	17.57	0.057	17.51	0.056	17.63	0.058
5	64QAM	12	0	16.57	0.045	16.50	0.045	16.59	0.046
5	64QAM	12	7	16.52	0.045	16.53	0.045	16.54	0.045
5	64QAM	12	13	16.40	0.044	16.35	0.043	16.46	0.044
5	64QAM	25	0	16.36	0.043	16.29	0.043	16.40	0.044



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		24075		24075	
Frequency (MHz)				837.5		837.5		837.5	
				dbm	W	dbm	W	dbm	W
15	QPSK	1	0	19.90	0.098	19.95	0.099	19.88	0.097
15	QPSK	1	37	19.82	0.096	19.93	0.098	19.87	0.097
15	QPSK	1	74	19.89	0.097	19.85	0.097	19.84	0.096
15	QPSK	36	0	19.13	0.082	19.15	0.082	19.10	0.081
15	QPSK	36	20	19.05	0.080	19.03	0.080	18.91	0.078
15	QPSK	36	39	19.05	0.080	18.99	0.079	18.82	0.076
15	QPSK	75	0	18.84	0.077	18.96	0.079	18.94	0.078
15	16QAM	1	0	18.98	0.079	19.03	0.080	19.03	0.080
15	16QAM	1	37	18.89	0.077	18.97	0.079	19.07	0.081
15	16QAM	1	74	18.82	0.076	18.96	0.079	18.89	0.077
15	16QAM	36	0	18.00	0.063	18.15	0.065	18.12	0.065
15	16QAM	36	20	18.08	0.064	17.97	0.063	18.03	0.064
15	16QAM	36	39	18.00	0.063	17.83	0.061	18.01	0.063
15	16QAM	75	0	18.15	0.065	17.83	0.061	17.86	0.061
15	64QAM	1	0	17.95	0.062	18.07	0.064	18.09	0.064
15	64QAM	1	37	17.97	0.063	18.09	0.064	17.92	0.062
15	64QAM	1	74	17.92	0.062	18.14	0.065	18.01	0.063
15	64QAM	36	0	17.15	0.052	17.09	0.051	17.06	0.051
15	64QAM	36	20	17.00	0.050	17.04	0.051	17.14	0.052
15	64QAM	36	39	16.88	0.049	16.82	0.048	17.10	0.051
15	64QAM	75	0	17.02	0.050	16.97	0.050	17.11	0.051



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	19.89	0.097	19.93	0.098	19.91	0.098
10	QPSK	1	25	19.91	0.098	19.87	0.097	19.89	0.097
10	QPSK	1	49	19.90	0.098	19.84	0.096	19.85	0.097
10	QPSK	25	0	19.03	0.080	19.18	0.083	19.07	0.081
10	QPSK	25	12	19.07	0.081	19.12	0.082	18.94	0.078
10	QPSK	25	25	19.12	0.082	19.13	0.082	19.04	0.080
10	QPSK	50	0	18.85	0.077	19.03	0.080	19.02	0.080
10	16QAM	1	0	19.11	0.081	19.16	0.082	19.05	0.080
10	16QAM	1	25	19.03	0.080	18.92	0.078	18.90	0.078
10	16QAM	1	49	18.89	0.077	18.96	0.079	19.20	0.083
10	16QAM	25	0	18.18	0.066	18.12	0.065	18.11	0.065
10	16QAM	25	12	18.14	0.065	18.05	0.064	18.03	0.064
10	16QAM	25	25	18.07	0.064	17.94	0.062	17.83	0.061
10	16QAM	50	0	18.19	0.066	18.02	0.063	17.91	0.062
10	64QAM	1	0	17.98	0.063	18.10	0.065	18.09	0.064
10	64QAM	1	12	17.98	0.063	18.12	0.065	17.81	0.060
10	64QAM	1	24	18.14	0.065	18.03	0.064	18.10	0.065
10	64QAM	12	0	16.91	0.049	17.16	0.052	17.10	0.051
10	64QAM	12	7	17.07	0.051	17.13	0.052	17.09	0.051
10	64QAM	12	13	16.82	0.048	16.97	0.050	17.09	0.051
10	64QAM	25	0	16.94	0.049	16.98	0.050	16.82	0.048



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	19.90	0.098	19.91	0.098	19.87	0.097
5	QPSK	1	12	19.89	0.097	19.90	0.098	19.87	0.097
5	QPSK	1	24	19.82	0.096	19.84	0.096	19.82	0.096
5	QPSK	12	0	19.04	0.080	19.10	0.081	19.03	0.080
5	QPSK	12	7	18.95	0.079	18.96	0.079	19.10	0.081
5	QPSK	12	13	19.17	0.083	19.10	0.081	18.92	0.078
5	QPSK	25	0	18.81	0.076	19.00	0.079	18.86	0.077
5	16QAM	1	0	19.05	0.080	19.04	0.080	19.05	0.080
5	16QAM	1	12	19.02	0.080	19.01	0.080	19.15	0.082
5	16QAM	1	24	19.00	0.079	18.98	0.079	19.35	0.086
5	16QAM	12	0	18.03	0.064	18.05	0.064	18.15	0.065
5	16QAM	12	7	17.97	0.063	17.89	0.062	18.06	0.064
5	16QAM	12	13	18.09	0.064	17.85	0.061	18.00	0.063
5	16QAM	25	0	18.17	0.066	18.05	0.064	18.01	0.063
5	64QAM	1	0	17.99	0.063	18.23	0.067	18.22	0.066
5	64QAM	1	12	18.16	0.065	18.03	0.064	17.94	0.062
5	64QAM	1	24	18.11	0.065	18.10	0.065	18.25	0.067
5	64QAM	12	0	16.96	0.050	17.14	0.052	16.94	0.049
5	64QAM	12	7	16.88	0.049	16.94	0.049	17.06	0.051
5	64QAM	12	13	16.79	0.048	16.82	0.048	17.26	0.053
5	64QAM	25	0	16.91	0.049	17.04	0.051	17.00	0.050



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	23.01	0.200	23.04	0.201	22.97	0.198
20	QPSK	1	49	22.96	0.198	22.92	0.196	22.95	0.197
20	QPSK	1	99	22.75	0.188	22.81	0.191	22.90	0.195
20	QPSK	50	0	21.98	0.158	22.08	0.161	21.96	0.157
20	QPSK	50	24	21.92	0.156	21.93	0.156	21.99	0.158
20	QPSK	50	50	21.85	0.153	21.91	0.155	21.95	0.157
20	QPSK	100	0	21.98	0.158	22.06	0.161	22.00	0.158
20	16QAM	1	0	22.08	0.161	22.07	0.161	22.10	0.162
20	16QAM	1	49	22.02	0.159	22.02	0.159	22.09	0.162
20	16QAM	1	99	21.88	0.154	22.06	0.161	21.83	0.152
20	16QAM	50	0	20.96	0.125	21.04	0.127	21.11	0.129
20	16QAM	50	24	21.01	0.126	21.07	0.128	21.02	0.126
20	16QAM	50	50	21.04	0.127	21.09	0.129	21.07	0.128
20	16QAM	100	0	20.80	0.120	20.86	0.122	21.09	0.129
20	64QAM	1	0	20.90	0.123	20.86	0.122	20.93	0.124
20	64QAM	1	49	20.95	0.124	21.02	0.126	20.86	0.122
20	64QAM	1	99	20.86	0.122	20.97	0.125	21.08	0.128
20	64QAM	50	0	20.06	0.101	19.85	0.097	20.02	0.100
20	64QAM	50	24	20.00	0.100	19.93	0.098	19.91	0.098
20	64QAM	50	50	19.92	0.098	19.91	0.098	19.79	0.095
20	64QAM	100	0	19.86	0.097	19.91	0.098	19.88	0.097



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	22.97	0.198	23.02	0.200	22.90	0.195
15	QPSK	1	37	22.87	0.194	22.89	0.195	23.01	0.200
15	QPSK	1	74	22.75	0.188	22.92	0.196	22.95	0.197
15	QPSK	36	0	21.83	0.152	22.02	0.159	21.93	0.156
15	QPSK	36	20	22.04	0.160	22.00	0.158	21.95	0.157
15	QPSK	36	39	21.90	0.155	21.89	0.155	21.94	0.156
15	QPSK	75	0	21.66	0.147	21.89	0.155	21.90	0.155
15	16QAM	1	0	21.89	0.155	22.02	0.159	21.91	0.155
15	16QAM	1	37	21.96	0.157	21.79	0.151	21.98	0.158
15	16QAM	1	74	21.88	0.154	21.86	0.153	21.99	0.158
15	16QAM	36	0	21.02	0.126	20.97	0.125	20.97	0.125
15	16QAM	36	20	20.86	0.122	20.74	0.119	20.91	0.123
15	16QAM	36	39	21.00	0.126	21.00	0.126	20.97	0.125
15	16QAM	75	0	20.88	0.122	21.10	0.129	21.03	0.127
15	64QAM	1	0	21.06	0.128	20.91	0.123	20.83	0.121
15	64QAM	1	37	20.90	0.123	20.96	0.125	20.91	0.123
15	64QAM	1	74	20.84	0.121	20.98	0.125	20.94	0.124
15	64QAM	36	0	20.00	0.100	19.86	0.097	19.94	0.099
15	64QAM	36	20	19.90	0.098	19.91	0.098	19.90	0.098
15	64QAM	36	39	19.76	0.095	20.04	0.101	19.98	0.100
15	64QAM	75	0	19.96	0.099	19.88	0.097	19.83	0.096



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	22.86	0.193	23.01	0.200	22.91	0.195
10	QPSK	1	25	22.87	0.194	22.86	0.193	22.92	0.196
10	QPSK	1	49	23.00	0.200	22.88	0.194	22.80	0.191
10	QPSK	25	0	21.87	0.154	21.96	0.157	22.04	0.160
10	QPSK	25	12	21.93	0.156	22.01	0.159	21.85	0.153
10	QPSK	25	25	21.88	0.154	21.89	0.155	21.99	0.158
10	QPSK	50	0	21.83	0.152	21.89	0.155	21.81	0.152
10	16QAM	1	0	22.02	0.159	21.98	0.158	21.85	0.153
10	16QAM	1	25	22.11	0.163	21.85	0.153	21.98	0.158
10	16QAM	1	49	21.86	0.153	22.11	0.163	21.86	0.153
10	16QAM	25	0	20.91	0.123	20.95	0.124	21.03	0.127
10	16QAM	25	12	20.89	0.123	20.99	0.126	21.10	0.129
10	16QAM	25	25	20.89	0.123	21.02	0.126	20.85	0.122
10	16QAM	50	0	20.91	0.123	21.08	0.128	20.96	0.125
10	64QAM	1	0	20.91	0.123	21.00	0.126	21.00	0.126
10	64QAM	1	25	21.04	0.127	20.99	0.126	20.92	0.124
10	64QAM	1	49	21.03	0.127	20.90	0.123	20.78	0.120
10	64QAM	25	0	19.92	0.098	19.87	0.097	19.89	0.097
10	64QAM	25	12	19.95	0.099	20.04	0.101	19.95	0.099
10	64QAM	25	25	19.82	0.096	19.89	0.097	19.91	0.098
10	64QAM	50	0	19.93	0.098	20.03	0.101	19.88	0.097



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	22.78	0.190	22.97	0.198	22.80	0.191
5	QPSK	1	12	22.77	0.189	22.91	0.195	22.82	0.191
5	QPSK	1	24	22.71	0.187	22.67	0.185	22.87	0.194
5	QPSK	12	0	21.86	0.153	21.99	0.158	21.85	0.153
5	QPSK	12	7	21.89	0.155	21.90	0.155	21.96	0.157
5	QPSK	12	13	21.86	0.153	21.90	0.155	21.76	0.150
5	QPSK	25	0	21.75	0.150	21.88	0.154	21.95	0.157
5	16QAM	1	0	21.94	0.156	22.00	0.158	21.90	0.155
5	16QAM	1	12	22.01	0.159	21.93	0.156	21.92	0.156
5	16QAM	1	24	21.86	0.153	21.84	0.153	21.91	0.155
5	16QAM	12	0	21.03	0.127	21.06	0.128	20.97	0.125
5	16QAM	12	7	20.78	0.120	20.98	0.125	20.95	0.124
5	16QAM	12	13	20.89	0.123	20.80	0.120	20.86	0.122
5	16QAM	25	0	21.03	0.127	20.96	0.125	20.92	0.124
5	64QAM	1	0	21.08	0.128	21.09	0.129	20.88	0.122
5	64QAM	1	12	20.88	0.122	20.95	0.124	21.03	0.127
5	64QAM	1	24	20.99	0.126	21.07	0.128	21.01	0.126
5	64QAM	12	0	20.01	0.100	19.91	0.098	19.82	0.096
5	64QAM	12	7	19.96	0.099	19.98	0.100	19.87	0.097
5	64QAM	12	13	19.96	0.099	19.98	0.100	19.93	0.098
5	64QAM	25	0	19.91	0.098	19.99	0.100	19.95	0.099



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	22.96	0.198	23.00	0.200	22.91	0.195
3	QPSK	1	8	22.70	0.186	22.85	0.193	22.80	0.191
3	QPSK	1	14	22.93	0.196	22.98	0.199	22.74	0.188
3	QPSK	8	0	21.82	0.152	21.90	0.155	21.85	0.153
3	QPSK	8	4	21.91	0.155	21.93	0.156	21.91	0.155
3	QPSK	8	7	21.88	0.154	21.82	0.152	21.97	0.157
3	QPSK	15	0	21.81	0.152	21.84	0.153	21.91	0.155
3	16QAM	1	0	22.01	0.159	22.06	0.161	22.05	0.160
3	16QAM	1	8	21.86	0.153	21.94	0.156	22.03	0.160
3	16QAM	1	14	21.84	0.153	22.00	0.158	21.83	0.152
3	16QAM	8	0	20.99	0.126	21.00	0.126	21.02	0.126
3	16QAM	8	4	21.03	0.127	20.80	0.120	20.84	0.121
3	16QAM	8	7	20.94	0.124	20.77	0.119	21.01	0.126
3	16QAM	15	0	20.90	0.123	20.98	0.125	21.05	0.127
3	64QAM	1	0	20.95	0.124	21.03	0.127	20.98	0.125
3	64QAM	1	8	20.97	0.125	20.89	0.123	21.03	0.127
3	64QAM	1	14	20.88	0.122	20.96	0.125	20.78	0.120
3	64QAM	8	0	19.96	0.099	19.86	0.097	19.94	0.099
3	64QAM	8	4	19.92	0.098	19.91	0.098	19.87	0.097
3	64QAM	8	7	19.67	0.093	19.70	0.093	19.83	0.096
3	64QAM	15	0	19.84	0.096	19.84	0.096	20.01	0.100



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	22.96	0.198	22.99	0.199	22.88	0.194
1.4	QPSK	1	3	22.89	0.195	22.87	0.194	22.69	0.186
1.4	QPSK	1	5	22.92	0.196	22.84	0.192	22.73	0.187
1.4	QPSK	3	0	21.92	0.156	22.04	0.160	22.01	0.159
1.4	QPSK	3	1	21.96	0.157	21.79	0.151	21.98	0.158
1.4	QPSK	3	3	22.01	0.159	22.02	0.159	21.89	0.155
1.4	QPSK	6	0	21.85	0.153	21.95	0.157	22.06	0.161
1.4	16QAM	1	0	21.85	0.153	22.06	0.161	21.93	0.156
1.4	16QAM	1	3	21.92	0.156	21.94	0.156	22.07	0.161
1.4	16QAM	1	5	22.02	0.159	21.86	0.153	21.93	0.156
1.4	16QAM	3	0	20.91	0.123	21.21	0.132	21.32	0.136
1.4	16QAM	3	1	20.86	0.122	20.97	0.125	21.04	0.127
1.4	16QAM	3	3	20.98	0.125	21.04	0.127	21.05	0.127
1.4	16QAM	6	0	20.92	0.124	20.84	0.121	21.04	0.127
1.4	64QAM	1	0	20.82	0.121	21.10	0.129	20.81	0.121
1.4	64QAM	1	3	20.83	0.121	20.99	0.126	20.97	0.125
1.4	64QAM	1	5	20.95	0.124	20.98	0.125	20.89	0.123
1.4	64QAM	3	0	20.00	0.100	19.97	0.099	20.00	0.100
1.4	64QAM	3	1	19.92	0.098	19.93	0.098	19.91	0.098
1.4	64QAM	3	3	20.02	0.100	19.92	0.098	19.96	0.099
1.4	64QAM	6	0	19.84	0.096	19.91	0.098	19.99	0.100



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	20.13	0.103	20.05	0.101	20.02	0.100
15	QPSK	1	37	20.01	0.100	19.91	0.098	19.87	0.097
15	QPSK	1	74	20.04	0.101	19.99	0.100	20.00	0.100
15	QPSK	36	0	19.14	0.082	19.17	0.083	19.22	0.084
15	QPSK	36	20	19.14	0.082	18.99	0.079	18.90	0.078
15	QPSK	36	39	19.16	0.082	19.04	0.080	19.01	0.080
15	QPSK	75	0	18.94	0.078	18.81	0.076	18.79	0.076
15	16QAM	1	0	19.18	0.083	19.11	0.081	19.13	0.082
15	16QAM	1	37	19.03	0.080	19.07	0.081	19.17	0.083
15	16QAM	1	74	19.05	0.080	19.06	0.080	19.07	0.081
15	16QAM	36	0	18.18	0.066	18.08	0.064	17.98	0.063
15	16QAM	36	20	18.06	0.064	18.05	0.064	18.07	0.064
15	16QAM	36	39	18.07	0.064	17.99	0.063	18.03	0.064
15	16QAM	75	0	18.05	0.064	17.98	0.063	18.01	0.063
15	64QAM	1	0	18.10	0.065	18.13	0.065	18.22	0.066
15	64QAM	1	37	18.19	0.066	18.07	0.064	17.97	0.063
15	64QAM	1	74	18.13	0.065	18.17	0.066	18.26	0.067
15	64QAM	36	0	17.02	0.050	17.05	0.051	17.11	0.051
15	64QAM	36	20	17.13	0.052	17.02	0.050	17.02	0.050
15	64QAM	36	39	16.98	0.050	17.04	0.051	17.11	0.051
15	64QAM	75	0	16.94	0.049	16.92	0.049	16.99	0.050



LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26840		26915		26990	
Frequency (MHz)				829.0		836.5		844.0	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	19.98	0.100	19.97	0.099	20.07	0.102
10	QPSK	1	25	19.88	0.097	19.95	0.099	19.97	0.099
10	QPSK	1	49	20.05	0.101	20.04	0.101	20.08	0.102
10	QPSK	25	0	18.95	0.079	18.86	0.077	18.96	0.079
10	QPSK	25	12	18.88	0.077	18.90	0.078	18.96	0.079
10	QPSK	25	25	18.80	0.076	18.89	0.077	18.91	0.078
10	QPSK	50	0	18.70	0.074	18.72	0.074	18.76	0.075
10	16QAM	1	0	18.99	0.079	18.89	0.077	19.01	0.080
10	16QAM	1	25	19.09	0.081	19.10	0.081	19.18	0.083
10	16QAM	1	49	19.06	0.081	19.08	0.081	19.12	0.082
10	16QAM	25	0	18.17	0.066	18.26	0.067	18.27	0.067
10	16QAM	25	12	18.05	0.064	18.06	0.064	18.16	0.065
10	16QAM	25	25	17.91	0.062	17.99	0.063	18.00	0.063
10	16QAM	50	0	17.75	0.060	17.74	0.059	17.79	0.060
10	64QAM	1	0	18.08	0.064	18.03	0.064	18.10	0.065
10	64QAM	1	25	18.08	0.064	18.02	0.063	18.09	0.064
10	64QAM	1	49	17.91	0.062	17.96	0.063	17.97	0.063
10	64QAM	25	0	17.08	0.051	17.15	0.052	17.17	0.052
10	64QAM	25	12	17.13	0.052	17.16	0.052	17.22	0.053
10	64QAM	25	25	17.02	0.050	17.08	0.051	17.13	0.052
10	64QAM	50	0	17.02	0.050	17.03	0.050	17.05	0.051



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	20.05	0.101	19.99	0.100	20.07	0.102
5	QPSK	1	12	19.85	0.097	19.79	0.095	19.87	0.097
5	QPSK	1	24	19.95	0.099	19.92	0.098	19.98	0.100
5	QPSK	12	0	18.96	0.079	18.92	0.078	18.99	0.079
5	QPSK	12	7	18.96	0.079	19.05	0.080	19.08	0.081
5	QPSK	12	13	18.82	0.076	18.73	0.075	18.83	0.076
5	QPSK	25	0	18.86	0.077	18.80	0.076	18.90	0.078
5	16QAM	1	0	19.00	0.079	19.00	0.079	19.10	0.081
5	16QAM	1	12	19.06	0.081	19.14	0.082	19.15	0.082
5	16QAM	1	24	19.12	0.082	19.13	0.082	19.16	0.082
5	16QAM	12	0	17.96	0.063	17.98	0.063	18.02	0.063
5	16QAM	12	7	18.07	0.064	18.01	0.063	18.12	0.065
5	16QAM	12	13	17.70	0.059	17.71	0.059	17.81	0.060
5	16QAM	25	0	17.94	0.062	17.93	0.062	17.99	0.063
5	64QAM	1	0	17.96	0.063	17.97	0.063	18.01	0.063
5	64QAM	1	12	17.96	0.063	17.98	0.063	18.03	0.064
5	64QAM	1	24	17.90	0.062	17.94	0.062	17.96	0.063
5	64QAM	12	0	17.12	0.052	17.15	0.052	17.18	0.052
5	64QAM	12	7	16.94	0.049	17.01	0.050	17.06	0.051
5	64QAM	12	13	17.15	0.052	17.11	0.051	17.18	0.052
5	64QAM	25	0	16.87	0.049	16.90	0.049	16.93	0.049



LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26805		26915		27025	
Frequency (MHz)				825.5		836.5		847.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	19.85	0.097	19.87	0.097	19.89	0.097
3	QPSK	1	8	19.95	0.099	19.95	0.099	20.05	0.101
3	QPSK	1	14	19.92	0.098	19.91	0.098	19.99	0.100
3	QPSK	8	0	19.07	0.081	19.09	0.081	19.11	0.081
3	QPSK	8	4	18.97	0.079	18.98	0.079	19.09	0.081
3	QPSK	8	7	19.03	0.080	19.04	0.080	19.05	0.080
3	QPSK	15	0	18.92	0.078	18.92	0.078	18.98	0.079
3	16QAM	1	0	18.92	0.078	18.94	0.078	19.03	0.080
3	16QAM	1	8	18.78	0.076	18.83	0.076	18.89	0.077
3	16QAM	1	14	18.81	0.076	18.81	0.076	18.93	0.078
3	16QAM	8	0	17.97	0.063	17.89	0.062	18.00	0.063
3	16QAM	8	4	18.04	0.064	18.11	0.065	18.15	0.065
3	16QAM	8	7	17.82	0.061	17.87	0.061	17.88	0.061
3	16QAM	15	0	17.84	0.061	17.87	0.061	17.95	0.062
3	64QAM	1	0	17.97	0.063	17.99	0.063	18.03	0.064
3	64QAM	1	8	17.77	0.060	17.77	0.060	17.88	0.061
3	64QAM	1	14	18.02	0.063	17.99	0.063	18.11	0.065
3	64QAM	8	0	17.06	0.051	17.05	0.051	17.09	0.051
3	64QAM	8	4	17.10	0.051	17.04	0.051	17.12	0.052
3	64QAM	8	7	17.02	0.050	16.98	0.050	17.09	0.051
3	64QAM	15	0	16.90	0.049	16.91	0.049	16.95	0.050



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	20.01	0.100	19.93	0.098	20.03	0.101
1.4	QPSK	1	3	19.81	0.096	19.82	0.096	19.93	0.098
1.4	QPSK	1	5	19.93	0.098	19.92	0.098	20.02	0.100
1.4	QPSK	3	0	19.15	0.082	19.15	0.082	19.17	0.083
1.4	QPSK	3	1	18.90	0.078	18.84	0.077	18.91	0.078
1.4	QPSK	3	3	18.94	0.078	18.93	0.078	19.04	0.080
1.4	QPSK	6	0	18.94	0.078	18.93	0.078	18.95	0.079
1.4	16QAM	1	0	19.09	0.081	19.00	0.079	19.10	0.081
1.4	16QAM	1	3	19.02	0.080	19.10	0.081	19.12	0.082
1.4	16QAM	1	5	19.03	0.080	19.03	0.080	19.05	0.080
1.4	16QAM	3	0	17.93	0.062	18.01	0.063	18.02	0.063
1.4	16QAM	3	1	17.83	0.061	17.94	0.062	17.95	0.062
1.4	16QAM	3	3	17.90	0.062	17.90	0.062	17.95	0.062
1.4	16QAM	6	0	17.85	0.061	17.82	0.061	17.87	0.061
1.4	64QAM	1	0	18.13	0.065	18.11	0.065	18.15	0.065
1.4	64QAM	1	3	17.93	0.062	17.84	0.061	17.94	0.062
1.4	64QAM	1	5	18.09	0.064	18.07	0.064	18.13	0.065
1.4	64QAM	3	0	17.07	0.051	17.11	0.051	17.16	0.052
1.4	64QAM	3	1	17.03	0.050	16.93	0.049	17.05	0.051
1.4	64QAM	3	3	17.12	0.052	17.11	0.051	17.20	0.052
1.4	64QAM	6	0	16.80	0.048	16.86	0.049	16.88	0.049



LTE Band 30				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				/		27710		/	
Frequency (MHz)				/		2310		/	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	/	/	24.55	0.285	/	/
10	QPSK	1	25	/	/	24.40	0.275	/	/
10	QPSK	1	49	/	/	24.26	0.267	/	/
10	QPSK	25	0	/	/	23.44	0.221	/	/
10	QPSK	25	12	/	/	23.51	0.224	/	/
10	QPSK	25	25	/	/	23.43	0.220	/	/
10	QPSK	50	0	/	/	23.29	0.213	/	/
10	16QAM	1	0	/	/	23.66	0.232	/	/
10	16QAM	1	25	/	/	23.46	0.222	/	/
10	16QAM	1	49	/	/	23.52	0.225	/	/
10	16QAM	25	0	/	/	22.54	0.179	/	/
10	16QAM	25	12	/	/	22.48	0.177	/	/
10	16QAM	25	25	/	/	22.23	0.167	/	/
10	16QAM	50	0	/	/	22.28	0.169	/	/
10	64QAM	1	0	/	/	22.59	0.182	/	/
10	64QAM	1	25	/	/	22.46	0.176	/	/
10	64QAM	1	49	/	/	22.69	0.186	/	/
10	64QAM	25	0	/	/	21.48	0.141	/	/
10	64QAM	25	12	/	/	21.32	0.136	/	/
10	64QAM	25	25	/	/	21.10	0.129	/	/
10	64QAM	50	0	/	/	21.23	0.133	/	/



LTE Band 30				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				27685		27710		27735	
Frequency (MHz)				2307.5		2310		2312.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	24.32	0.270	24.52	0.283	24.40	0.275
5	QPSK	1	12	24.37	0.274	24.21	0.264	24.10	0.257
5	QPSK	1	24	24.44	0.278	24.47	0.280	24.24	0.265
5	QPSK	12	0	23.46	0.222	23.53	0.225	23.50	0.224
5	QPSK	12	7	23.49	0.223	23.35	0.216	23.30	0.214
5	QPSK	12	13	23.49	0.223	23.45	0.221	23.33	0.215
5	QPSK	25	0	23.33	0.215	23.49	0.223	23.15	0.207
5	16QAM	1	0	23.63	0.231	23.64	0.231	23.48	0.223
5	16QAM	1	12	23.55	0.226	23.33	0.215	23.70	0.234
5	16QAM	1	24	23.37	0.217	23.44	0.221	23.44	0.221
5	16QAM	12	0	22.47	0.177	22.54	0.179	22.38	0.173
5	16QAM	12	7	22.61	0.182	22.42	0.175	22.41	0.174
5	16QAM	12	13	22.55	0.180	22.32	0.171	22.42	0.175
5	16QAM	25	0	22.53	0.179	22.33	0.171	22.31	0.170
5	64QAM	1	0	22.22	0.167	22.39	0.173	22.35	0.172
5	64QAM	1	12	22.56	0.180	22.51	0.178	22.37	0.173
5	64QAM	1	24	22.30	0.170	22.44	0.175	22.40	0.174
5	64QAM	12	0	21.30	0.135	21.52	0.142	21.29	0.135
5	64QAM	12	7	21.48	0.141	21.43	0.139	21.56	0.143
5	64QAM	12	13	21.29	0.135	21.22	0.132	21.56	0.143
5	64QAM	25	0	21.24	0.133	21.42	0.139	21.36	0.137



LTE Band 41 (Power Class 2)				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39750		40620		41490	
Frequency (MHz)				2506		2593		2680	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	27.28	0.535	27.37	0.546	27.14	0.518
20	QPSK	1	49	27.15	0.519	27.28	0.535	27.21	0.526
20	QPSK	1	99	27.25	0.531	27.25	0.531	27.17	0.521
20	QPSK	50	0	26.30	0.427	26.39	0.436	26.25	0.422
20	QPSK	50	24	26.35	0.432	26.36	0.433	26.20	0.417
20	QPSK	50	50	26.26	0.423	26.30	0.427	26.15	0.412
20	QPSK	100	0	26.07	0.405	26.26	0.423	26.23	0.420
20	16QAM	1	0	26.39	0.436	26.37	0.434	26.25	0.422
20	16QAM	1	49	26.16	0.413	26.27	0.424	26.35	0.432
20	16QAM	1	99	26.19	0.416	26.30	0.427	26.37	0.434
20	16QAM	50	0	25.24	0.334	25.38	0.345	25.30	0.339
20	16QAM	50	24	25.33	0.341	25.19	0.330	25.22	0.333
20	16QAM	50	50	25.27	0.337	25.20	0.331	25.17	0.329
20	16QAM	100	0	25.16	0.328	25.33	0.341	25.30	0.339
20	64QAM	1	0	25.09	0.323	25.30	0.339	25.24	0.334
20	64QAM	1	49	25.27	0.337	25.26	0.336	25.14	0.327
20	64QAM	1	99	25.25	0.335	25.29	0.338	25.21	0.332
20	64QAM	50	0	24.21	0.264	24.33	0.271	24.20	0.263
20	64QAM	50	24	24.19	0.262	24.33	0.271	24.24	0.265
20	64QAM	50	50	24.00	0.251	24.26	0.267	24.29	0.269
20	64QAM	100	0	24.26	0.267	24.05	0.254	24.22	0.264



LTE Band 41 (Power Class 2)				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39725		40620		41515	
Frequency (MHz)				2503.5		2593		2682.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	27.14	0.518	27.34	0.542	27.25	0.531
15	QPSK	1	37	27.03	0.505	27.22	0.527	27.03	0.505
15	QPSK	1	74	27.24	0.530	27.19	0.524	26.97	0.498
15	QPSK	36	0	26.30	0.427	26.34	0.431	26.25	0.422
15	QPSK	36	20	26.22	0.419	26.31	0.428	26.23	0.420
15	QPSK	36	39	26.23	0.420	26.31	0.428	26.06	0.404
15	QPSK	75	0	26.06	0.404	26.29	0.426	26.00	0.398
15	16QAM	1	0	26.36	0.433	26.27	0.424	26.30	0.427
15	16QAM	1	37	26.33	0.430	26.25	0.422	26.19	0.416
15	16QAM	1	74	26.03	0.401	26.24	0.421	26.10	0.407
15	16QAM	36	0	25.18	0.330	25.34	0.342	25.24	0.334
15	16QAM	36	20	25.21	0.332	25.15	0.327	25.26	0.336
15	16QAM	36	39	25.29	0.338	25.23	0.333	25.01	0.317
15	16QAM	75	0	25.53	0.357	25.21	0.332	25.25	0.335
15	64QAM	1	0	25.08	0.322	25.37	0.344	25.18	0.330
15	64QAM	1	37	25.19	0.330	25.31	0.340	25.20	0.331
15	64QAM	1	74	25.17	0.329	25.23	0.333	25.09	0.323
15	64QAM	36	0	24.36	0.273	24.30	0.269	24.22	0.264
15	64QAM	36	20	24.21	0.264	24.22	0.264	24.19	0.262
15	64QAM	36	39	23.97	0.249	24.03	0.253	24.20	0.263
15	64QAM	75	0	24.13	0.259	24.24	0.265	24.12	0.258



LTE Band 41 (Power Class 2)				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39700		40620		41540	
Frequency (MHz)				2501		2593		2685	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	27.24	0.530	27.33	0.541	27.11	0.514
10	QPSK	1	25	27.06	0.508	27.29	0.536	27.11	0.514
10	QPSK	1	49	27.27	0.533	27.21	0.526	27.18	0.522
10	QPSK	25	0	26.25	0.422	26.34	0.431	26.34	0.431
10	QPSK	25	12	26.09	0.406	26.34	0.431	26.17	0.414
10	QPSK	25	25	26.16	0.413	26.30	0.427	26.23	0.420
10	QPSK	50	0	26.01	0.399	26.22	0.419	26.03	0.401
10	16QAM	1	0	26.20	0.417	26.30	0.427	26.21	0.418
10	16QAM	1	25	26.23	0.420	26.33	0.430	26.20	0.417
10	16QAM	1	49	26.27	0.424	26.30	0.427	26.19	0.416
10	16QAM	25	0	25.16	0.328	25.27	0.337	25.18	0.330
10	16QAM	25	12	25.17	0.329	25.26	0.336	25.22	0.333
10	16QAM	25	25	25.27	0.337	25.10	0.324	25.18	0.330
10	16QAM	50	0	25.10	0.324	25.23	0.333	25.14	0.327
10	64QAM	1	0	25.22	0.333	25.30	0.339	25.20	0.331
10	64QAM	1	25	25.18	0.330	25.25	0.335	25.16	0.328
10	64QAM	1	49	25.18	0.330	25.10	0.324	25.14	0.327
10	64QAM	25	0	24.22	0.264	24.22	0.264	24.25	0.266
10	64QAM	25	12	24.16	0.261	24.29	0.269	24.24	0.265
10	64QAM	25	25	24.15	0.260	24.18	0.262	24.28	0.268
10	64QAM	50	0	24.21	0.264	24.01	0.252	24.14	0.259



LTE Band 41 (Power Class 2)				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39675		40620		41565	
Frequency (MHz)				2498.5		2593		2687.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	27.30	0.537	27.31	0.538	27.16	0.520
5	QPSK	1	12	27.24	0.530	27.18	0.522	27.10	0.513
5	QPSK	1	24	27.17	0.521	27.25	0.531	27.28	0.535
5	QPSK	12	0	26.26	0.423	26.40	0.437	26.28	0.425
5	QPSK	12	7	26.33	0.430	26.34	0.431	26.32	0.429
5	QPSK	12	13	26.42	0.439	26.35	0.432	26.32	0.429
5	QPSK	25	0	26.06	0.404	26.24	0.421	26.05	0.403
5	16QAM	1	0	26.36	0.433	26.30	0.427	26.27	0.424
5	16QAM	1	12	26.25	0.422	26.27	0.424	26.22	0.419
5	16QAM	1	24	26.20	0.417	26.19	0.416	26.19	0.416
5	16QAM	12	0	25.32	0.340	25.30	0.339	25.13	0.326
5	16QAM	12	7	25.35	0.343	25.36	0.344	25.14	0.327
5	16QAM	12	13	25.34	0.342	25.21	0.332	25.06	0.321
5	16QAM	25	0	25.12	0.325	25.31	0.340	25.13	0.326
5	64QAM	1	0	25.12	0.325	25.38	0.345	25.16	0.328
5	64QAM	1	12	25.28	0.337	25.14	0.327	25.10	0.324
5	64QAM	1	24	25.32	0.340	25.40	0.347	25.36	0.344
5	64QAM	12	0	24.18	0.262	24.34	0.272	24.27	0.267
5	64QAM	12	7	24.12	0.258	24.23	0.265	24.26	0.267
5	64QAM	12	13	24.18	0.262	24.24	0.265	24.21	0.264
5	64QAM	25	0	24.17	0.261	24.26	0.267	24.28	0.268



LTE Band 41 (Power Class 3)				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39750		40620		41490	
Frequency (MHz)				2506		2593		2680	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	25.51	0.356	25.66	0.368	25.50	0.355
20	QPSK	1	49	25.32	0.340	25.63	0.366	25.47	0.352
20	QPSK	1	99	25.46	0.352	25.55	0.359	25.57	0.361
20	QPSK	50	0	24.54	0.284	24.79	0.301	24.66	0.292
20	QPSK	50	24	24.71	0.296	24.77	0.300	24.52	0.283
20	QPSK	50	50	24.55	0.285	24.77	0.300	24.54	0.284
20	QPSK	100	0	24.38	0.274	24.72	0.296	24.46	0.279
20	16QAM	1	0	24.56	0.286	24.70	0.295	24.61	0.289
20	16QAM	1	49	24.61	0.289	24.65	0.292	24.60	0.288
20	16QAM	1	99	24.60	0.288	24.66	0.292	24.53	0.284
20	16QAM	50	0	23.71	0.235	23.81	0.240	23.60	0.229
20	16QAM	50	24	23.77	0.238	23.66	0.232	23.62	0.230
20	16QAM	50	50	23.61	0.230	23.67	0.233	23.51	0.224
20	16QAM	100	0	23.69	0.234	23.60	0.229	23.40	0.219
20	64QAM	1	0	23.59	0.229	23.78	0.239	23.53	0.225
20	64QAM	1	49	23.61	0.230	23.65	0.232	23.55	0.226
20	64QAM	1	99	23.53	0.225	23.62	0.230	23.64	0.231
20	64QAM	50	0	22.67	0.185	22.72	0.187	22.58	0.181
20	64QAM	50	24	22.53	0.179	22.66	0.185	22.75	0.188
20	64QAM	50	50	22.47	0.177	22.54	0.179	22.76	0.189
20	64QAM	100	0	22.58	0.181	22.48	0.177	22.67	0.185



LTE Band 41 (Power Class 3)				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39725		40620		41515	
Frequency (MHz)				2503.5		2593		2682.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	25.52	0.356	25.63	0.366	25.48	0.353
15	QPSK	1	37	25.40	0.347	25.59	0.362	25.38	0.345
15	QPSK	1	74	25.46	0.352	25.55	0.359	25.56	0.360
15	QPSK	36	0	24.62	0.290	24.80	0.302	24.71	0.296
15	QPSK	36	20	24.45	0.279	24.48	0.281	24.56	0.286
15	QPSK	36	39	24.55	0.285	24.64	0.291	24.46	0.279
15	QPSK	75	0	24.42	0.277	24.55	0.285	24.40	0.275
15	16QAM	1	0	24.90	0.309	24.91	0.310	24.78	0.301
15	16QAM	1	37	24.79	0.301	24.79	0.301	24.90	0.309
15	16QAM	1	74	24.56	0.286	24.66	0.292	24.92	0.310
15	16QAM	36	0	23.67	0.233	23.72	0.236	23.54	0.226
15	16QAM	36	20	23.63	0.231	23.59	0.229	23.69	0.234
15	16QAM	36	39	23.66	0.232	23.44	0.221	23.49	0.223
15	16QAM	75	0	23.79	0.239	23.46	0.222	23.51	0.224
15	64QAM	1	0	23.56	0.227	23.90	0.245	23.63	0.231
15	64QAM	1	37	23.59	0.229	23.67	0.233	23.46	0.222
15	64QAM	1	74	23.55	0.226	23.63	0.231	23.72	0.236
15	64QAM	36	0	22.67	0.185	22.78	0.190	22.51	0.178
15	64QAM	36	20	22.48	0.177	22.74	0.188	22.74	0.188
15	64QAM	36	39	22.38	0.173	22.59	0.182	22.74	0.188
15	64QAM	75	0	22.65	0.184	22.64	0.184	22.64	0.184



LTE Band 41 (Power Class 3)				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39700		40620		41540	
Frequency (MHz)				2501		2593		2685	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	25.51	0.356	25.61	0.364	25.54	0.358
10	QPSK	1	25	25.35	0.343	25.56	0.360	25.50	0.355
10	QPSK	1	49	25.57	0.361	25.59	0.362	25.42	0.348
10	QPSK	25	0	24.72	0.296	24.75	0.299	24.73	0.297
10	QPSK	25	12	24.51	0.282	24.72	0.296	24.72	0.296
10	QPSK	25	25	24.72	0.296	24.76	0.299	24.45	0.279
10	QPSK	50	0	24.41	0.276	24.49	0.281	24.35	0.272
10	16QAM	1	0	24.68	0.294	24.80	0.302	24.70	0.295
10	16QAM	1	25	24.76	0.299	24.81	0.303	24.74	0.298
10	16QAM	1	49	24.59	0.288	24.70	0.295	24.73	0.297
10	16QAM	25	0	23.75	0.237	23.80	0.240	23.73	0.236
10	16QAM	25	12	23.69	0.234	23.65	0.232	23.52	0.225
10	16QAM	25	25	23.60	0.229	23.60	0.229	23.42	0.220
10	16QAM	50	0	23.82	0.241	23.62	0.230	23.52	0.225
10	64QAM	1	0	23.50	0.224	23.72	0.236	23.55	0.226
10	64QAM	1	25	23.81	0.240	23.80	0.240	23.49	0.223
10	64QAM	1	49	23.52	0.225	23.75	0.237	23.78	0.239
10	64QAM	25	0	22.60	0.182	22.74	0.188	22.51	0.178
10	64QAM	25	12	22.42	0.175	22.53	0.179	22.57	0.181
10	64QAM	25	25	22.47	0.177	22.48	0.177	22.78	0.190
10	64QAM	50	0	22.70	0.186	22.65	0.184	22.53	0.179



LTE Band 41 (Power Class 3)				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39675		40620		41565	
Frequency (MHz)				2498.5		2593		2687.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	25.56	0.360	25.62	0.365	25.52	0.356
5	QPSK	1	12	25.50	0.355	25.55	0.359	25.41	0.348
5	QPSK	1	24	25.43	0.349	25.47	0.352	25.45	0.351
5	QPSK	12	0	24.70	0.295	24.82	0.303	24.77	0.300
5	QPSK	12	7	24.51	0.282	24.57	0.286	24.50	0.282
5	QPSK	12	13	24.60	0.288	24.65	0.292	24.49	0.281
5	QPSK	25	0	24.40	0.275	24.74	0.298	24.62	0.290
5	16QAM	1	0	24.55	0.285	24.65	0.292	24.53	0.284
5	16QAM	1	12	24.63	0.290	24.64	0.291	24.79	0.301
5	16QAM	1	24	24.36	0.273	24.60	0.288	24.68	0.294
5	16QAM	12	0	23.74	0.237	23.65	0.232	23.66	0.232
5	16QAM	12	7	23.71	0.235	23.52	0.225	23.60	0.229
5	16QAM	12	13	23.75	0.237	23.61	0.230	23.60	0.229
5	16QAM	25	0	23.78	0.239	23.67	0.233	23.40	0.219
5	64QAM	1	0	23.56	0.227	23.61	0.230	23.77	0.238
5	64QAM	1	12	23.60	0.229	23.75	0.237	23.62	0.230
5	64QAM	1	24	23.77	0.238	23.67	0.233	23.71	0.235
5	64QAM	12	0	22.60	0.182	22.77	0.189	22.46	0.176
5	64QAM	12	7	22.55	0.180	22.68	0.185	22.58	0.181
5	64QAM	12	13	22.44	0.175	22.44	0.175	22.49	0.177
5	64QAM	25	0	22.49	0.177	22.47	0.177	22.47	0.177



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				132072		132322		132572	
Frequency (MHz)				1720		1745		1770	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	25.07	0.321	25.17	0.329	25.11	0.324
20	QPSK	1	49	24.97	0.314	25.07	0.321	24.88	0.308
20	QPSK	1	99	25.06	0.321	24.93	0.311	25.00	0.316
20	QPSK	50	0	24.12	0.258	24.14	0.259	23.93	0.247
20	QPSK	50	24	23.86	0.243	23.83	0.242	24.10	0.257
20	QPSK	50	50	24.06	0.255	23.96	0.249	23.97	0.249
20	QPSK	100	0	23.80	0.240	23.94	0.248	23.95	0.248
20	16QAM	1	0	24.12	0.258	24.06	0.255	24.10	0.257
20	16QAM	1	49	24.16	0.261	23.92	0.247	24.11	0.258
20	16QAM	1	99	23.79	0.239	24.08	0.256	24.02	0.252
20	16QAM	50	0	23.11	0.205	23.07	0.203	23.16	0.207
20	16QAM	50	24	23.00	0.200	23.11	0.205	23.16	0.207
20	16QAM	50	50	23.12	0.205	22.91	0.195	22.87	0.194
20	16QAM	100	0	23.09	0.204	23.03	0.201	22.81	0.191
20	64QAM	1	0	22.91	0.195	23.16	0.207	22.92	0.196
20	64QAM	1	49	23.18	0.208	23.04	0.201	22.88	0.194
20	64QAM	1	99	22.86	0.193	23.00	0.200	23.10	0.204
20	64QAM	50	0	21.90	0.155	22.07	0.161	22.03	0.160
20	64QAM	50	24	21.96	0.157	22.11	0.163	22.06	0.161
20	64QAM	50	50	21.90	0.155	21.89	0.155	22.01	0.159
20	64QAM	100	0	22.08	0.161	21.95	0.157	22.00	0.158



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				132047		132322		132597	
Frequency (MHz)				1717.5		1745		1772.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	25.13	0.326	25.14	0.327	24.87	0.307
15	QPSK	1	37	24.80	0.302	24.81	0.303	24.94	0.312
15	QPSK	1	74	25.10	0.324	24.84	0.305	24.85	0.305
15	QPSK	36	0	24.13	0.259	24.16	0.261	24.07	0.255
15	QPSK	36	20	23.91	0.246	24.06	0.255	23.99	0.251
15	QPSK	36	39	24.00	0.251	24.06	0.255	23.78	0.239
15	QPSK	75	0	23.87	0.244	24.01	0.252	23.91	0.246
15	16QAM	1	0	24.04	0.254	23.99	0.251	24.05	0.254
15	16QAM	1	37	23.87	0.244	24.11	0.258	24.02	0.252
15	16QAM	1	74	23.93	0.247	23.99	0.251	23.96	0.249
15	16QAM	36	0	22.99	0.199	23.16	0.207	23.04	0.201
15	16QAM	36	20	23.13	0.206	22.95	0.197	22.99	0.199
15	16QAM	36	39	23.14	0.206	22.85	0.193	23.01	0.200
15	16QAM	75	0	23.23	0.210	22.99	0.199	23.00	0.200
15	64QAM	1	0	22.96	0.198	23.12	0.205	23.14	0.206
15	64QAM	1	37	23.04	0.201	23.08	0.203	22.92	0.196
15	64QAM	1	74	23.13	0.206	23.15	0.207	23.00	0.200
15	64QAM	36	0	21.97	0.157	22.11	0.163	22.05	0.160
15	64QAM	36	20	21.99	0.158	21.95	0.157	22.04	0.160
15	64QAM	36	39	21.93	0.156	21.92	0.156	22.17	0.165
15	64QAM	75	0	21.86	0.153	21.74	0.149	21.93	0.156



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				132022		132322		132622	
Frequency (MHz)				1715		1745		1775	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	24.96	0.313	25.13	0.326	25.07	0.321
10	QPSK	1	25	24.86	0.306	24.95	0.313	24.83	0.304
10	QPSK	1	49	25.13	0.326	24.83	0.304	24.88	0.308
10	QPSK	25	0	23.98	0.250	24.05	0.254	23.91	0.246
10	QPSK	25	12	24.04	0.254	24.08	0.256	24.07	0.255
10	QPSK	25	25	24.11	0.258	24.10	0.257	23.93	0.247
10	QPSK	50	0	23.93	0.247	23.96	0.249	23.92	0.247
10	16QAM	1	0	24.02	0.252	24.11	0.258	24.01	0.252
10	16QAM	1	25	23.98	0.250	24.02	0.252	23.96	0.249
10	16QAM	1	49	23.79	0.239	24.01	0.252	23.91	0.246
10	16QAM	25	0	23.01	0.200	23.09	0.204	23.06	0.202
10	16QAM	25	12	22.96	0.198	22.96	0.198	23.15	0.207
10	16QAM	25	25	23.08	0.203	22.91	0.195	22.91	0.195
10	16QAM	50	0	23.09	0.204	22.87	0.194	22.80	0.191
10	64QAM	1	0	22.99	0.199	23.02	0.200	22.95	0.197
10	64QAM	1	25	23.17	0.207	23.13	0.206	22.82	0.191
10	64QAM	1	49	22.87	0.194	23.00	0.200	23.06	0.202
10	64QAM	25	0	21.90	0.155	22.18	0.165	21.92	0.156
10	64QAM	25	12	21.97	0.157	22.04	0.160	22.15	0.164
10	64QAM	25	25	21.83	0.152	21.82	0.152	22.07	0.161
10	64QAM	50	0	21.82	0.152	21.78	0.151	21.80	0.151



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				131997		132322		132647	
Frequency (MHz)				1712.5		1745		1777.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	25.07	0.321	25.12	0.325	25.05	0.320
5	QPSK	1	12	24.96	0.313	24.96	0.313	24.82	0.303
5	QPSK	1	24	25.02	0.318	24.95	0.313	24.92	0.310
5	QPSK	12	0	23.99	0.251	24.06	0.255	24.03	0.253
5	QPSK	12	7	23.92	0.247	23.87	0.244	23.99	0.251
5	QPSK	12	13	24.05	0.254	24.23	0.265	23.85	0.243
5	QPSK	25	0	23.95	0.248	24.03	0.253	23.71	0.235
5	16QAM	1	0	24.10	0.257	24.18	0.262	24.06	0.255
5	16QAM	1	12	23.92	0.247	24.03	0.253	24.13	0.259
5	16QAM	1	24	23.93	0.247	24.00	0.251	23.97	0.249
5	16QAM	12	0	23.13	0.206	23.15	0.207	22.94	0.197
5	16QAM	12	7	22.95	0.197	23.05	0.202	23.14	0.206
5	16QAM	12	13	23.04	0.201	22.90	0.195	22.86	0.193
5	16QAM	25	0	23.12	0.205	22.87	0.194	22.84	0.192
5	64QAM	1	0	22.92	0.196	23.07	0.203	23.05	0.202
5	64QAM	1	12	23.17	0.207	23.16	0.207	22.78	0.190
5	64QAM	1	24	23.14	0.206	22.99	0.199	23.07	0.203
5	64QAM	12	0	22.01	0.159	22.10	0.162	22.11	0.163
5	64QAM	12	7	22.00	0.158	21.84	0.153	21.96	0.157
5	64QAM	12	13	21.96	0.157	21.89	0.155	22.05	0.160
5	64QAM	25	0	21.99	0.158	21.84	0.153	21.93	0.156



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				131987		132322		132657	
Frequency (MHz)				1711.5		1745		1778.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	24.91	0.310	25.10	0.324	24.94	0.312
3	QPSK	1	8	24.95	0.313	24.98	0.315	24.83	0.304
3	QPSK	1	14	25.01	0.317	24.87	0.307	25.00	0.316
3	QPSK	8	0	24.01	0.252	24.18	0.262	24.15	0.260
3	QPSK	8	4	24.01	0.252	24.00	0.251	23.93	0.247
3	QPSK	8	7	24.12	0.258	24.06	0.255	24.01	0.252
3	QPSK	15	0	23.68	0.233	24.05	0.254	23.81	0.240
3	16QAM	1	0	24.16	0.261	24.18	0.262	24.09	0.256
3	16QAM	1	8	23.87	0.244	23.94	0.248	24.11	0.258
3	16QAM	1	14	23.84	0.242	24.12	0.258	24.12	0.258
3	16QAM	8	0	23.14	0.206	23.04	0.201	23.10	0.204
3	16QAM	8	4	23.09	0.204	22.87	0.194	22.93	0.196
3	16QAM	8	7	23.23	0.210	23.01	0.200	22.91	0.195
3	16QAM	15	0	22.99	0.199	22.98	0.199	23.01	0.200
3	64QAM	1	0	22.98	0.199	23.10	0.204	23.06	0.202
3	64QAM	1	8	23.09	0.204	23.23	0.210	23.03	0.201
3	64QAM	1	14	23.03	0.201	23.05	0.202	23.11	0.205
3	64QAM	8	0	22.11	0.163	22.08	0.161	21.97	0.157
3	64QAM	8	4	22.05	0.160	21.84	0.153	22.02	0.159
3	64QAM	8	7	21.78	0.151	21.73	0.149	22.09	0.162
3	64QAM	15	0	22.02	0.159	21.94	0.156	21.87	0.154



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				131979		132322		132665	
Frequency (MHz)				1710.7		1745		1779.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	24.91	0.310	25.09	0.323	24.91	0.310
1.4	QPSK	1	3	24.84	0.305	25.08	0.322	24.91	0.310
1.4	QPSK	1	5	25.05	0.320	25.02	0.318	25.01	0.317
1.4	QPSK	3	0	24.04	0.254	24.17	0.261	23.98	0.250
1.4	QPSK	3	1	23.82	0.241	24.12	0.258	23.92	0.247
1.4	QPSK	3	3	24.10	0.257	24.09	0.256	23.87	0.244
1.4	QPSK	6	0	23.69	0.234	23.91	0.246	23.82	0.241
1.4	16QAM	1	0	24.02	0.252	24.18	0.262	24.21	0.264
1.4	16QAM	1	3	24.09	0.256	23.94	0.248	24.12	0.258
1.4	16QAM	1	5	23.91	0.246	23.93	0.247	24.03	0.253
1.4	16QAM	3	0	22.91	0.195	23.06	0.202	23.08	0.203
1.4	16QAM	3	1	23.16	0.207	22.94	0.197	22.91	0.195
1.4	16QAM	3	3	22.99	0.199	22.95	0.197	22.90	0.195
1.4	16QAM	6	0	23.09	0.204	22.85	0.193	23.04	0.201
1.4	64QAM	1	0	22.84	0.192	23.12	0.205	23.00	0.200
1.4	64QAM	1	3	23.09	0.204	23.09	0.204	22.81	0.191
1.4	64QAM	1	5	23.09	0.204	23.06	0.202	23.10	0.204
1.4	64QAM	3	0	22.07	0.161	22.15	0.164	22.04	0.160
1.4	64QAM	3	1	21.99	0.158	21.94	0.156	22.01	0.159
1.4	64QAM	3	3	21.79	0.151	21.97	0.157	22.04	0.160
1.4	64QAM	6	0	21.85	0.153	21.92	0.156	22.08	0.161



LTE Band 71				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				133222		133322		133372	
Frequency (MHz)				673		683		688	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	19.54	0.090	19.62	0.092	19.55	0.090
20	QPSK	1	49	19.55	0.090	19.57	0.091	19.60	0.091
20	QPSK	1	99	19.50	0.089	19.51	0.089	19.53	0.090
20	QPSK	50	0	18.75	0.075	18.77	0.075	18.75	0.075
20	QPSK	50	24	18.50	0.071	18.56	0.072	18.67	0.074
20	QPSK	50	50	18.63	0.073	18.68	0.074	18.75	0.075
20	QPSK	100	0	18.66	0.073	18.74	0.075	18.57	0.072
20	16QAM	1	0	18.63	0.073	18.77	0.075	18.64	0.073
20	16QAM	1	49	18.60	0.072	18.69	0.074	18.79	0.076
20	16QAM	1	99	18.55	0.072	18.70	0.074	18.76	0.075
20	16QAM	50	0	17.60	0.058	17.82	0.061	17.75	0.060
20	16QAM	50	24	17.68	0.059	17.63	0.058	17.65	0.058
20	16QAM	50	50	17.83	0.061	17.60	0.058	17.56	0.057
20	16QAM	100	0	17.70	0.059	17.55	0.057	17.56	0.057
20	64QAM	1	0	17.52	0.056	17.75	0.060	17.74	0.059
20	64QAM	1	49	17.72	0.059	17.72	0.059	17.59	0.057
20	64QAM	1	99	17.74	0.059	17.72	0.059	17.83	0.061
20	64QAM	50	0	16.81	0.048	16.83	0.048	16.87	0.049
20	64QAM	50	24	16.55	0.045	16.83	0.048	16.86	0.049
20	64QAM	50	50	16.67	0.046	16.59	0.046	16.90	0.049
20	64QAM	100	0	16.68	0.047	16.49	0.045	16.54	0.045



LTE Band 71				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				133197		133297		133397	
Frequency (MHz)				670.5		680.5		690.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	19.52	0.090	19.60	0.091	19.56	0.090
15	QPSK	1	37	19.61	0.091	19.54	0.090	19.50	0.089
15	QPSK	1	74	19.56	0.090	19.58	0.091	19.54	0.090
15	QPSK	36	0	18.71	0.074	18.82	0.076	18.72	0.074
15	QPSK	36	20	18.66	0.073	18.74	0.075	18.61	0.073
15	QPSK	36	39	18.68	0.074	18.79	0.076	18.76	0.075
15	QPSK	75	0	18.48	0.070	18.60	0.072	18.51	0.071
15	16QAM	1	0	18.86	0.077	18.86	0.077	18.82	0.076
15	16QAM	1	37	18.59	0.072	18.81	0.076	18.80	0.076
15	16QAM	1	74	18.56	0.072	18.76	0.075	18.74	0.075
15	16QAM	36	0	17.59	0.057	17.86	0.061	17.65	0.058
15	16QAM	36	20	17.78	0.060	17.64	0.058	17.59	0.057
15	16QAM	36	39	17.72	0.059	17.51	0.056	17.59	0.057
15	16QAM	75	0	17.72	0.059	17.64	0.058	17.74	0.059
15	64QAM	1	0	17.66	0.058	17.86	0.061	17.76	0.060
15	64QAM	1	37	17.79	0.060	17.73	0.059	17.50	0.056
15	64QAM	1	74	17.81	0.060	17.82	0.061	17.80	0.060
15	64QAM	36	0	16.74	0.047	16.74	0.047	16.63	0.046
15	64QAM	36	20	16.52	0.045	16.67	0.046	16.59	0.046
15	64QAM	36	39	16.55	0.045	16.55	0.045	16.84	0.048
15	64QAM	75	0	16.68	0.047	16.60	0.046	16.53	0.045



LTE Band 71				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				133172		133297		133422	
Frequency (MHz)				668		680.5		693	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	19.55	0.090	19.57	0.091	19.51	0.089
10	QPSK	1	25	19.55	0.090	19.48	0.089	19.49	0.089
10	QPSK	1	49	19.47	0.089	19.56	0.090	19.44	0.088
10	QPSK	25	0	18.77	0.075	18.82	0.076	18.81	0.076
10	QPSK	25	12	18.70	0.074	18.70	0.074	18.71	0.074
10	QPSK	25	25	18.73	0.075	18.79	0.076	18.74	0.075
10	QPSK	50	0	18.48	0.070	18.62	0.073	18.46	0.070
10	16QAM	1	0	18.70	0.074	18.77	0.075	18.71	0.074
10	16QAM	1	25	18.67	0.074	18.76	0.075	18.69	0.074
10	16QAM	1	49	18.56	0.072	18.74	0.075	18.57	0.072
10	16QAM	25	0	17.59	0.057	17.84	0.061	17.73	0.059
10	16QAM	25	12	17.93	0.062	17.80	0.060	17.75	0.060
10	16QAM	25	25	17.78	0.060	17.69	0.059	17.64	0.058
10	16QAM	50	0	17.94	0.062	17.64	0.058	17.53	0.057
10	64QAM	1	0	17.51	0.056	17.81	0.060	17.85	0.061
10	64QAM	1	25	17.77	0.060	17.71	0.059	17.49	0.056
10	64QAM	1	49	17.72	0.059	17.62	0.058	17.72	0.059
10	64QAM	25	0	16.70	0.047	16.69	0.047	16.76	0.047
10	64QAM	25	12	16.50	0.045	16.59	0.046	16.82	0.048
10	64QAM	25	25	16.53	0.045	16.57	0.045	16.73	0.047
10	64QAM	50	0	16.62	0.046	16.60	0.046	16.66	0.046



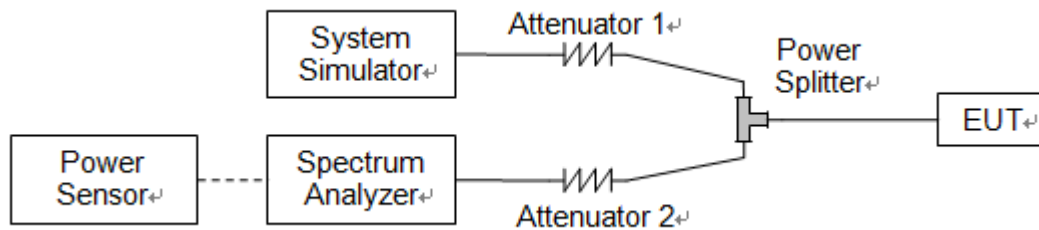
LTE Band 71				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				133147		133297		133447	
Frequency (MHz)				665.5		680.5		695.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	19.49	0.089	19.58	0.091	19.52	0.090
5	QPSK	1	12	19.56	0.090	19.51	0.089	19.47	0.089
5	QPSK	1	24	19.46	0.088	19.57	0.091	19.45	0.088
5	QPSK	12	0	18.70	0.074	18.78	0.076	18.77	0.075
5	QPSK	12	7	18.61	0.073	18.76	0.075	18.58	0.072
5	QPSK	12	13	18.62	0.073	18.72	0.074	18.74	0.075
5	QPSK	25	0	18.66	0.073	18.69	0.074	18.71	0.074
5	16QAM	1	0	18.76	0.075	18.81	0.076	18.83	0.076
5	16QAM	1	12	18.80	0.076	18.74	0.075	18.87	0.077
5	16QAM	1	24	18.73	0.075	18.77	0.075	19.00	0.079
5	16QAM	12	0	17.82	0.061	17.85	0.061	17.82	0.061
5	16QAM	12	7	17.79	0.060	17.77	0.060	17.71	0.059
5	16QAM	12	13	17.88	0.061	17.59	0.057	17.71	0.059
5	16QAM	25	0	17.82	0.061	17.67	0.058	17.57	0.057
5	64QAM	1	0	17.53	0.057	17.81	0.060	17.80	0.060
5	64QAM	1	12	17.67	0.058	17.83	0.061	17.67	0.058
5	64QAM	1	24	17.71	0.059	17.80	0.060	17.70	0.059
5	64QAM	12	0	16.77	0.048	16.86	0.049	16.59	0.046
5	64QAM	12	7	16.72	0.047	16.57	0.045	16.75	0.047
5	64QAM	12	13	16.62	0.046	16.64	0.046	16.73	0.047
5	64QAM	25	0	16.57	0.045	16.70	0.047	16.64	0.046

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 2				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.09	1.27
	Low	16QAM	1.10	1.31
	Low	64QAM	1.10	1.30
	Mid	QPSK	1.10	1.29
	Mid	16QAM	1.10	1.30
	Mid	64QAM	1.10	1.30
	High	QPSK	1.10	1.29
	High	16QAM	1.10	1.29
	High	64QAM	1.10	1.28
3	Low	QPSK	2.70	2.96
	Low	16QAM	2.70	2.98
	Low	64QAM	2.70	2.96
	Mid	QPSK	2.70	2.99
	Mid	16QAM	2.70	2.98
	Mid	64QAM	2.70	2.96
	High	QPSK	2.69	3.00
	High	16QAM	2.70	2.99
	High	64QAM	2.70	2.99
5	Low	QPSK	4.50	4.99
	Low	16QAM	4.50	4.99
	Low	64QAM	4.51	4.97
	Mid	QPSK	4.50	5.00
	Mid	16QAM	4.49	5.00
	Mid	64QAM	4.49	4.82
	High	QPSK	4.50	5.02
	High	16QAM	4.50	4.91
	High	64QAM	4.50	4.95
10	Low	QPSK	8.98	9.73
	Low	16QAM	8.95	9.80
	Low	64QAM	8.96	9.84
	Mid	QPSK	8.99	9.77
	Mid	16QAM	8.97	9.83
	Mid	64QAM	8.97	9.87
	High	QPSK	8.98	9.89
	High	16QAM	8.95	9.82
	High	64QAM	8.99	9.86



15	Low	QPSK	13.43	14.67
	Low	16QAM	13.43	14.64
	Low	64QAM	13.42	14.68
	Mid	QPSK	13.50	14.62
	Mid	16QAM	13.47	14.73
	Mid	64QAM	13.44	14.67
	High	QPSK	13.49	14.67
	High	16QAM	13.49	14.80
	High	64QAM	13.44	14.77
20	Low	QPSK	17.91	19.41
	Low	16QAM	17.89	19.32
	Low	64QAM	17.90	19.61
	Mid	QPSK	17.93	19.37
	Mid	16QAM	17.94	19.40
	Mid	64QAM	17.96	19.62
	High	QPSK	17.99	19.43
	High	16QAM	18.00	19.37
	High	64QAM	18.00	19.46



LTE Band 4				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.10	1.31
	Low	16QAM	1.10	1.30
	Low	64QAM	1.10	1.30
	Mid	QPSK	1.10	1.31
	Mid	16QAM	1.10	1.30
	Mid	64QAM	1.10	1.31
	High	QPSK	1.10	1.29
	High	16QAM	1.10	1.30
	High	64QAM	1.10	1.30
3	Low	QPSK	2.70	3.00
	Low	16QAM	2.71	3.00
	Low	64QAM	2.70	2.98
	Mid	QPSK	2.71	2.99
	Mid	16QAM	2.71	2.98
	Mid	64QAM	2.71	2.97
	High	QPSK	2.70	2.97
	High	16QAM	2.71	2.99
	High	64QAM	2.71	2.98
5	Low	QPSK	4.50	4.97
	Low	16QAM	4.51	5.02
	Low	64QAM	4.51	5.03
	Mid	QPSK	4.51	5.01
	Mid	16QAM	4.51	4.98
	Mid	64QAM	4.52	4.93
	High	QPSK	4.50	5.05
	High	16QAM	4.51	4.98
	High	64QAM	4.51	5.02
10	Low	QPSK	9.00	9.81
	Low	16QAM	8.97	9.78
	Low	64QAM	8.96	9.83
	Mid	QPSK	9.01	9.84
	Mid	16QAM	8.93	9.51
	Mid	64QAM	8.99	9.82
	High	QPSK	8.98	9.87
	High	16QAM	8.97	9.85
	High	64QAM	8.98	9.81



15	Low	QPSK	13.40	14.36
	Low	16QAM	13.48	14.55
	Low	64QAM	13.45	14.68
	Mid	QPSK	13.44	14.63
	Mid	16QAM	13.47	14.65
	Mid	64QAM	13.42	14.64
	High	QPSK	13.44	14.50
	High	16QAM	13.47	14.74
	High	64QAM	13.43	14.77
20	Low	QPSK	17.95	19.48
	Low	16QAM	17.91	19.42
	Low	64QAM	17.96	19.45
	Mid	QPSK	17.93	19.41
	Mid	16QAM	17.93	19.50
	Mid	64QAM	17.95	19.53
	High	QPSK	17.97	19.45
	High	16QAM	17.97	19.51
	High	64QAM	17.96	19.38



LTE Band 5				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.10	1.28
	Low	16QAM	1.10	1.28
	Low	64QAM	1.10	1.29
	Mid	QPSK	1.09	1.27
	Mid	16QAM	1.09	1.29
	Mid	64QAM	1.10	1.30
	High	QPSK	1.10	1.27
	High	16QAM	1.11	1.30
	High	64QAM	1.10	1.29
3	Low	QPSK	2.71	3.00
	Low	16QAM	2.70	2.99
	Low	64QAM	2.70	2.97
	Mid	QPSK	2.69	2.95
	Mid	16QAM	2.70	2.98
	Mid	64QAM	2.69	2.96
	High	QPSK	2.70	2.98
	High	16QAM	2.71	2.98
	High	64QAM	2.71	2.96
5	Low	QPSK	4.50	4.98
	Low	16QAM	4.51	5.02
	Low	64QAM	4.50	4.96
	Mid	QPSK	4.51	4.99
	Mid	16QAM	4.51	5.01
	Mid	64QAM	4.51	4.97
	High	QPSK	4.48	5.02
	High	16QAM	4.50	4.93
	High	64QAM	4.51	4.98
10	Low	QPSK	9.02	9.87
	Low	16QAM	8.98	9.80
	Low	64QAM	9.00	9.77
	Mid	QPSK	8.96	9.82
	Mid	16QAM	8.95	9.81
	Mid	64QAM	8.96	9.89
	High	QPSK	8.96	9.87
	High	16QAM	8.96	9.73
	High	64QAM	8.98	9.78



LTE Band 7				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.51	4.84
	Low	16QAM	4.50	4.96
	Low	64QAM	4.52	5.01
	Mid	QPSK	4.51	5.04
	Mid	16QAM	4.51	5.01
	Mid	64QAM	4.50	4.98
	High	QPSK	4.50	5.00
	High	16QAM	4.51	4.98
	High	64QAM	4.50	4.99
10	Low	QPSK	8.99	9.88
	Low	16QAM	8.95	9.80
	Low	64QAM	8.96	9.90
	Mid	QPSK	8.99	9.75
	Mid	16QAM	8.96	9.86
	Mid	64QAM	8.97	9.78
	High	QPSK	9.00	9.73
	High	16QAM	8.98	9.78
	High	64QAM	8.99	9.90
15	Low	QPSK	13.44	14.76
	Low	16QAM	13.46	14.75
	Low	64QAM	13.44	14.66
	Mid	QPSK	13.45	14.69
	Mid	16QAM	13.45	14.69
	Mid	64QAM	13.44	14.77
	High	QPSK	13.46	14.57
	High	16QAM	13.45	14.47
	High	64QAM	13.46	14.84
20	Low	QPSK	17.93	19.49
	Low	16QAM	17.96	19.41
	Low	64QAM	17.95	19.34
	Mid	QPSK	17.96	19.36
	Mid	16QAM	17.95	19.56
	Mid	64QAM	17.97	19.37
	High	QPSK	17.93	19.50
	High	16QAM	17.96	19.62
	High	64QAM	17.94	19.34



LTE Band 12				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.10	1.27
	Low	16QAM	1.10	1.30
	Low	64QAM	1.10	1.30
	Mid	QPSK	1.10	1.29
	Mid	16QAM	1.10	1.28
	Mid	64QAM	1.10	1.25
	High	QPSK	1.10	1.28
	High	16QAM	1.10	1.30
	High	64QAM	1.10	1.31
3	Low	QPSK	2.71	2.97
	Low	16QAM	2.70	2.98
	Low	64QAM	2.71	2.98
	Mid	QPSK	2.70	2.98
	Mid	16QAM	2.71	2.98
	Mid	64QAM	2.71	3.00
	High	QPSK	2.70	3.01
	High	16QAM	2.70	2.98
	High	64QAM	2.71	2.98
5	Low	QPSK	4.50	5.04
	Low	16QAM	4.50	4.97
	Low	64QAM	4.50	4.97
	Mid	QPSK	4.51	5.04
	Mid	16QAM	4.52	5.02
	Mid	64QAM	4.52	4.96
	High	QPSK	4.50	5.04
	High	16QAM	4.49	4.97
	High	64QAM	4.51	4.97
10	Low	QPSK	8.98	9.74
	Low	16QAM	8.94	9.78
	Low	64QAM	8.93	9.74
	Mid	QPSK	9.00	9.91
	Mid	16QAM	8.99	9.98
	Mid	64QAM	9.01	9.83
	High	QPSK	8.99	9.85
	High	16QAM	8.94	9.82
	High	64QAM	8.98	9.80



LTE Band 13				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.48	4.99
	Low	16QAM	4.48	4.94
	Low	64QAM	4.49	4.97
	Mid	QPSK	4.52	5.01
	Mid	16QAM	4.52	4.97
	Mid	64QAM	4.52	4.98
	High	QPSK	4.50	5.00
	High	16QAM	4.51	4.96
	High	64QAM	4.51	4.96
10	Mid	QPSK	8.99	9.86
	Mid	16QAM	8.95	9.79
	Mid	64QAM	8.95	9.75

LTE Band 17				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.51	5.01
	Low	16QAM	4.51	5.09
	Low	64QAM	4.51	5.07
	Mid	QPSK	4.51	5.01
	Mid	16QAM	4.53	5.21
	Mid	64QAM	4.50	5.70
	High	QPSK	4.50	4.97
	High	16QAM	4.50	5.19
	High	64QAM	4.50	4.93
10	Low	QPSK	8.99	9.87
	Low	16QAM	8.98	9.79
	Low	64QAM	8.99	9.93
	Mid	QPSK	9.01	10.13
	Mid	16QAM	8.99	9.82
	Mid	64QAM	8.97	10.60
	High	QPSK	8.99	10.13
	High	16QAM	8.98	9.82
	High	64QAM	8.99	9.81



LTE Band 18				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.51	4.99
	Low	16QAM	4.51	4.98
	Low	64QAM	4.52	4.99
	Mid	QPSK	4.51	4.98
	Mid	16QAM	4.51	5.00
	Mid	64QAM	4.51	5.01
	High	QPSK	4.50	4.97
	High	16QAM	4.52	4.98
	High	64QAM	4.50	4.97



LTE Band 19				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.52	5.18
	Low	16QAM	4.52	5.25
	Low	64QAM	4.50	5.32
	Mid	QPSK	4.50	5.02
	Mid	16QAM	4.50	4.98
	Mid	64QAM	4.50	4.96
	High	QPSK	4.51	5.04
	High	16QAM	4.51	5.06
	High	64QAM	4.51	5.00
10	Low	QPSK	8.97	9.89
	Low	16QAM	8.96	9.75
	Low	64QAM	8.97	9.90
	Mid	QPSK	8.97	9.81
	Mid	16QAM	8.95	9.77
	Mid	64QAM	8.97	9.86
	High	QPSK	8.97	10.15
	High	16QAM	8.96	10.01
	High	64QAM	8.97	10.15
15	Low	QPSK	13.47	14.63
	Low	16QAM	13.43	14.80
	Low	64QAM	13.42	14.72
	Mid	QPSK	13.44	14.65
	Mid	16QAM	13.44	14.74
	Mid	64QAM	13.42	14.63
	High	QPSK	13.43	14.65
	High	16QAM	13.44	14.66
	High	64QAM	13.42	14.74



LTE Band 25				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.10	1.27
	Low	16QAM	1.10	1.29
	Low	64QAM	1.10	1.30
	Mid	QPSK	1.10	1.28
	Mid	16QAM	1.10	1.30
	Mid	64QAM	1.10	1.29
	High	QPSK	1.10	1.30
	High	16QAM	1.10	1.31
	High	64QAM	1.10	1.31
3	Low	QPSK	2.70	2.96
	Low	16QAM	2.70	2.97
	Low	64QAM	2.71	2.98
	Mid	QPSK	2.70	2.97
	Mid	16QAM	2.70	2.99
	Mid	64QAM	2.71	2.97
	High	QPSK	2.70	3.00
	High	16QAM	2.70	2.99
	High	64QAM	2.70	2.97
5	Low	QPSK	4.51	4.98
	Low	16QAM	4.51	4.96
	Low	64QAM	4.50	4.97
	Mid	QPSK	4.51	4.95
	Mid	16QAM	4.51	4.99
	Mid	64QAM	4.51	4.97
	High	QPSK	4.51	5.03
	High	16QAM	4.50	4.97
	High	64QAM	4.50	4.99
10	Low	QPSK	8.96	9.86
	Low	16QAM	8.95	9.68
	Low	64QAM	8.98	9.86
	Mid	QPSK	8.98	9.92
	Mid	16QAM	8.98	9.79
	Mid	64QAM	8.98	9.80
	High	QPSK	8.98	9.83
	High	16QAM	8.93	9.73
	High	64QAM	8.95	9.85



15	Low	QPSK	13.43	14.53
	Low	16QAM	13.44	14.56
	Low	64QAM	13.40	14.70
	Mid	QPSK	13.45	14.64
	Mid	16QAM	13.45	14.59
	Mid	64QAM	13.45	14.69
	High	QPSK	13.41	14.62
	High	16QAM	13.42	14.67
	High	64QAM	13.41	14.54
20	Low	QPSK	17.91	19.24
	Low	16QAM	17.87	19.39
	Low	64QAM	17.88	19.25
	Mid	QPSK	17.94	19.47
	Mid	16QAM	17.91	19.26
	Mid	64QAM	17.93	19.52
	High	QPSK	17.90	19.38
	High	16QAM	17.91	19.47
	High	64QAM	17.89	19.44



LTE Band 26				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.10	1.29
	Low	16QAM	1.10	1.29
	Low	64QAM	1.10	1.29
	Mid	QPSK	1.10	1.28
	Mid	16QAM	1.10	1.29
	Mid	64QAM	1.10	1.29
	High	QPSK	1.10	1.29
	High	16QAM	1.11	1.31
	High	64QAM	1.10	1.28
3	Low	QPSK	2.69	2.96
	Low	16QAM	2.69	2.93
	Low	64QAM	2.71	2.98
	Mid	QPSK	2.70	2.97
	Mid	16QAM	2.70	2.96
	Mid	64QAM	2.70	2.97
	High	QPSK	2.70	3.04
	High	16QAM	2.70	2.99
	High	64QAM	2.70	2.96
5	Low	QPSK	4.52	5.05
	Low	16QAM	4.51	5.03
	Low	64QAM	4.51	4.96
	Mid	QPSK	4.49	5.02
	Mid	16QAM	4.50	5.00
	Mid	64QAM	4.50	4.94
	High	QPSK	4.50	4.98
	High	16QAM	4.49	5.00
	High	64QAM	4.50	4.97
10	Low	QPSK	8.99	9.84
	Low	16QAM	8.99	9.87
	Low	64QAM	9.01	9.82
	Mid	QPSK	8.97	9.82
	Mid	16QAM	8.94	9.66
	Mid	64QAM	8.95	9.80
	High	QPSK	8.97	9.95
	High	16QAM	8.97	9.84
	High	64QAM	8.98	9.86



15	Low	QPSK	13.49	14.74
	Low	16QAM	13.51	14.73
	Low	64QAM	13.48	14.63
	Mid	QPSK	13.43	14.64
	Mid	16QAM	13.43	14.57
	Mid	64QAM	13.39	14.48
	High	QPSK	13.46	14.64
	High	16QAM	13.47	14.55
	High	64QAM	13.45	14.67

LTE Band 30				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.50	4.98
	Low	16QAM	4.50	4.95
	Low	64QAM	4.50	4.97
	Mid	QPSK	4.50	5.02
	Mid	16QAM	4.51	5.05
	Mid	64QAM	4.50	5.00
	High	QPSK	4.48	5.03
	High	16QAM	4.50	4.95
	High	64QAM	4.51	5.04
10	Mid	QPSK	8.98	9.80
	Mid	16QAM	8.94	9.79
	Mid	64QAM	8.99	9.89



LTE Band 41				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.50	5.19
	Low	16QAM	4.51	5.01
	Low	64QAM	4.52	5.08
	Mid	QPSK	4.50	4.96
	Mid	16QAM	4.51	4.99
	Mid	64QAM	4.49	4.96
	High	QPSK	4.51	5.08
	High	16QAM	4.50	5.01
	High	64QAM	4.51	4.99
10	Low	QPSK	8.97	9.86
	Low	16QAM	8.97	10.14
	Low	64QAM	8.97	9.86
	Mid	QPSK	8.98	9.73
	Mid	16QAM	8.97	9.83
	Mid	64QAM	8.99	9.66
	High	QPSK	8.99	9.92
	High	16QAM	8.95	9.53
	High	64QAM	8.96	9.85
15	Low	QPSK	13.47	14.58
	Low	16QAM	13.48	14.69
	Low	64QAM	13.46	14.69
	Mid	QPSK	13.46	14.67
	Mid	16QAM	13.47	14.76
	Mid	64QAM	13.41	14.75
	High	QPSK	13.42	14.56
	High	16QAM	13.48	14.48
	High	64QAM	13.44	14.67
20	Low	QPSK	17.94	19.47
	Low	16QAM	17.91	19.73
	Low	64QAM	17.96	19.57
	Mid	QPSK	17.95	19.83
	Mid	16QAM	17.92	19.92
	Mid	64QAM	17.97	19.47
	High	QPSK	17.96	19.96
	High	16QAM	17.95	21.25
	High	64QAM	17.93	19.45



LTE Band 66				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.10	1.29
	Low	16QAM	1.11	1.27
	Low	64QAM	1.10	1.28
	Mid	QPSK	1.10	1.30
	Mid	16QAM	1.10	1.29
	Mid	64QAM	1.10	1.28
	High	QPSK	1.10	1.46
	High	16QAM	1.11	1.62
	High	64QAM	1.10	1.27
3	Low	QPSK	2.70	2.97
	Low	16QAM	2.70	2.98
	Low	64QAM	2.70	2.98
	Mid	QPSK	2.70	2.99
	Mid	16QAM	2.70	2.99
	Mid	64QAM	2.70	2.98
	High	QPSK	2.71	2.97
	High	16QAM	2.71	2.99
	High	64QAM	2.71	2.98
5	Low	QPSK	4.50	5.00
	Low	16QAM	4.51	4.94
	Low	64QAM	4.51	4.97
	Mid	QPSK	4.51	5.03
	Mid	16QAM	4.51	4.97
	Mid	64QAM	4.51	5.00
	High	QPSK	4.51	5.01
	High	16QAM	4.50	5.04
	High	64QAM	4.52	5.02
10	Low	QPSK	9.00	9.82
	Low	16QAM	8.96	9.75
	Low	64QAM	8.99	9.86
	Mid	QPSK	8.98	9.89
	Mid	16QAM	8.97	9.78
	Mid	64QAM	8.98	9.82
	High	QPSK	9.00	9.99
	High	16QAM	8.99	9.79
	High	64QAM	8.97	9.79



15	Low	QPSK	13.46	14.59
	Low	16QAM	13.45	14.69
	Low	64QAM	13.45	14.76
	Mid	QPSK	13.47	14.71
	Mid	16QAM	13.46	14.57
	Mid	64QAM	13.46	14.66
	High	QPSK	13.45	14.67
	High	16QAM	13.42	14.58
	High	64QAM	13.44	14.65
20	Low	QPSK	17.95	19.45
	Low	16QAM	17.97	19.28
	Low	64QAM	17.92	19.52
	Mid	QPSK	17.93	19.39
	Mid	16QAM	17.94	19.44
	Mid	64QAM	17.96	19.54
	High	QPSK	17.96	19.55
	High	16QAM	17.94	19.50
	High	64QAM	17.90	19.49



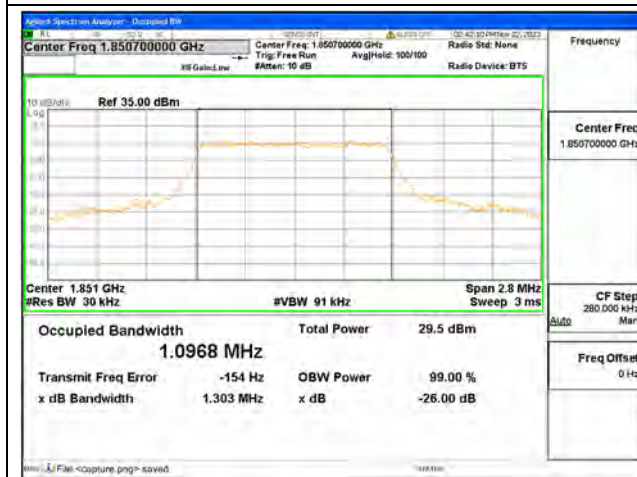
LTE Band 71				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.49	5.02
	Low	16QAM	4.51	5.00
	Low	64QAM	4.50	5.00
	Mid	QPSK	4.50	5.04
	Mid	16QAM	4.50	4.93
	Mid	64QAM	4.51	4.97
	High	QPSK	4.51	4.99
	High	16QAM	4.50	5.19
	High	64QAM	4.50	4.97
10	Low	QPSK	9.01	9.85
	Low	16QAM	8.99	9.86
	Low	64QAM	9.00	9.93
	Mid	QPSK	8.99	9.80
	Mid	16QAM	8.97	9.81
	Mid	64QAM	8.99	9.84
	High	QPSK	8.98	9.79
	High	16QAM	8.97	9.74
	High	64QAM	8.98	9.80
15	Low	QPSK	13.44	14.65
	Low	16QAM	13.46	14.89
	Low	64QAM	13.45	14.66
	Mid	QPSK	13.48	14.66
	Mid	16QAM	13.48	14.78
	Mid	64QAM	13.44	14.71
	High	QPSK	13.48	14.66
	High	16QAM	13.50	14.63
	High	64QAM	13.47	14.63
20	Low	QPSK	17.91	19.27
	Low	16QAM	17.94	19.42
	Low	64QAM	17.90	19.42
	Mid	QPSK	17.95	19.47
	Mid	16QAM	17.97	19.32
	Mid	64QAM	17.99	19.47
	High	QPSK	17.90	19.47
	High	16QAM	17.96	19.45
	High	64QAM	17.88	19.38



B2 / 1.4MHz / QPSK/ Low CH



B2 / 1.4MHz / 16QAM/ Low CH



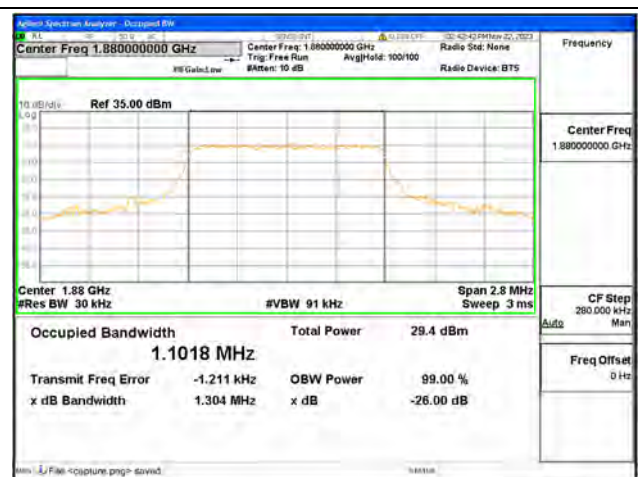
B2 / 1.4MHz / 64QAM/ Low CH



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



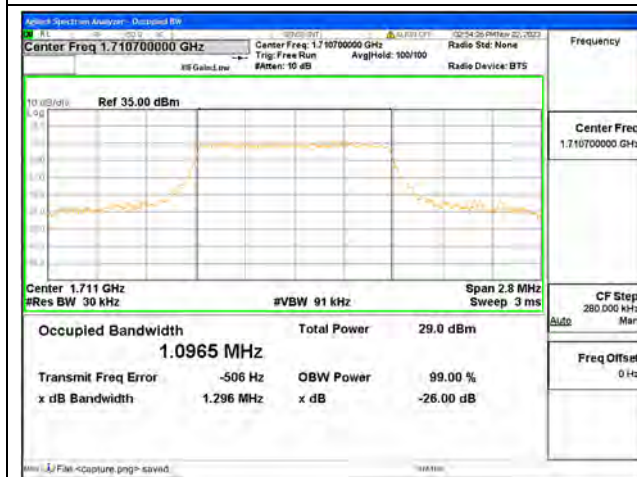
B2 / 20MHz / 64QAM / High CH



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 / 1.4MHz / QPSK/ High CH



B4 / 1.4MHz / 16QAM/ High CH



B4 / 1.4MHz / 64QAM/ High CH



B4 / 3MHz / QPSK/ Low CH



B4 / 3MHz / 16QAM/ Low CH



B4 / 3MHz / 64QAM/ Low 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



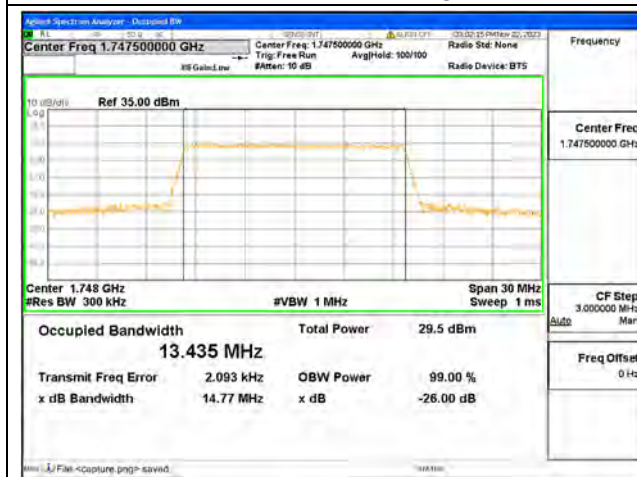
B4 / 15MHz / 64QAM/ Mid CH



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



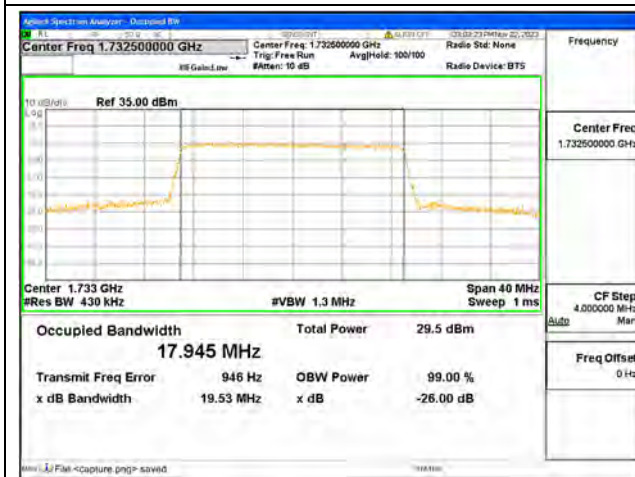
B4 / 20MHz / 64QAM/ Low CH



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



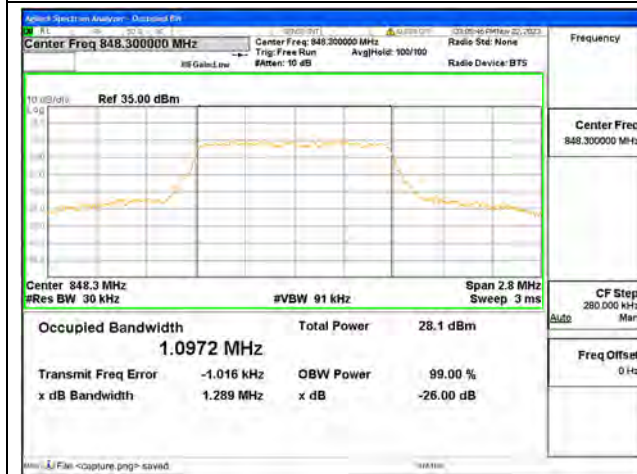
B5 / 1.4MHz / 64QAM/ Mid CH



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



B5 / 3MHz / QPSK/ Mid CH



B5 / 3MHz / 16QAM/ Mid CH



B5 / 3MHz / 64QAM/ Mid CH



B5 / 3MHz / QPSK/ High CH



B5 / 3MHz / 16QAM/ High CH



B5 / 3MHz / 64QAM/ High CH



B5 / 5MHz / QPSK/ Low CH



B5 / 5MHz / 16QAM/ Low CH



B5 / 5MHz / 64QAM/ Low CH



B5 / 5MHz / QPSK/ Mid CH



B5 / 5MHz / 16QAM/ Mid CH



B5 / 5MHz / 64QAM/ Mid CH



B5 / 5MHz / QPSK/ High CH



B5 / 5MHz / 16QAM/ High CH



B5 / 5MHz / 64QAM/ High CH



B5 / 10MHz / QPSK/ Low CH



B5 / 10MHz / 16QAM/ Low CH



B5 / 10MHz / 64QAM/ Low CH



B5 / 10MHz / QPSK / Mid CH



B5 / 10MHz / 16QAM / Mid CH



B5 / 10MHz / 64QAM / Mid CH



B5 / 10MHz / QPSK / High CH



B5 / 10MHz / 16QAM / High CH



B5 / 10MHz / 64QAM / High CH



B7 / 5MHz / QPSK/ Low CH



B7 / 5MHz / 16QAM/ Low CH



B7 / 5MHz / 64QAM/ Low CH



B7 / 5MHz / QPSK/ Mid CH



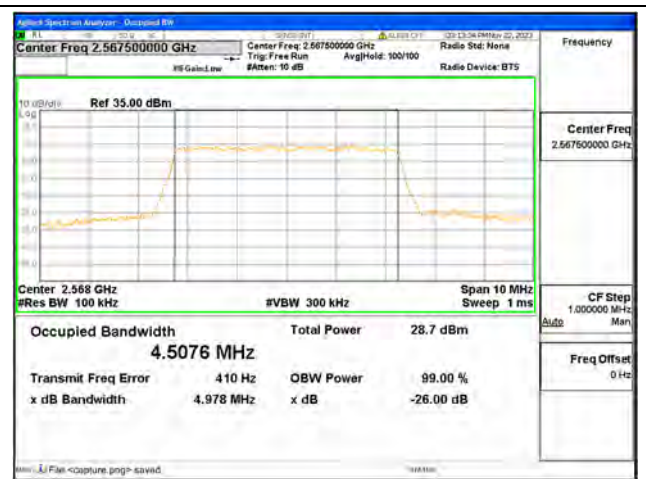
B7 / 5MHz / 16QAM/ Mid CH



B7 / 5MHz / 64QAM/ Mid CH



B7 / 5MHz / QPSK/ High CH



B7 / 5MHz / 16QAM/ High CH



B7 / 5MHz / 64QAM/ High CH



B7 / 10MHz / QPSK/ Low CH



B7 / 10MHz / 16QAM/ Low CH



B7 / 10MHz / 64QAM/ Low CH



B7 / 10MHz / QPSK/ Mid CH



B7 / 10MHz / 16QAM/ Mid CH



B7 / 10MHz / 64QAM/ Mid CH



B7 / 10MHz / QPSK/ High CH



B7 / 10MHz / 16QAM/ High CH



B7 / 10MHz / 64QAM/ High CH



B7 / 15MHz / QPSK/ High CH



B7 / 15MHz / 16QAM/ High CH



B7 / 15MHz / 64QAM/ High CH



B7 / 20MHz / QPSK/ Low CH



B7 / 20MHz / 16QAM/ Low CH



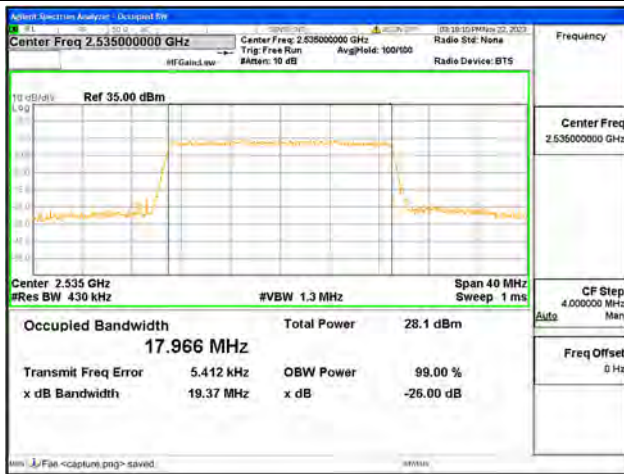
B7 / 20MHz / 64QAM/ Low CH



B7 / 20MHz / QPSK/ Mid CH



B7 / 20MHz / 16QAM/ Mid CH



B7 / 20MHz / 64QAM/ Mid CH



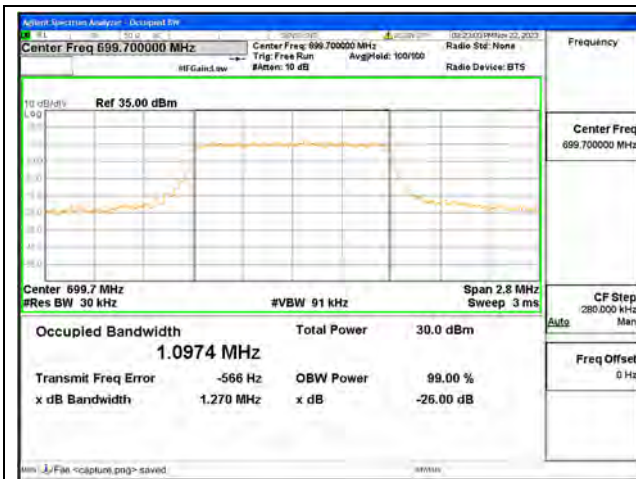
B7 / 20MHz / QPSK/ High CH



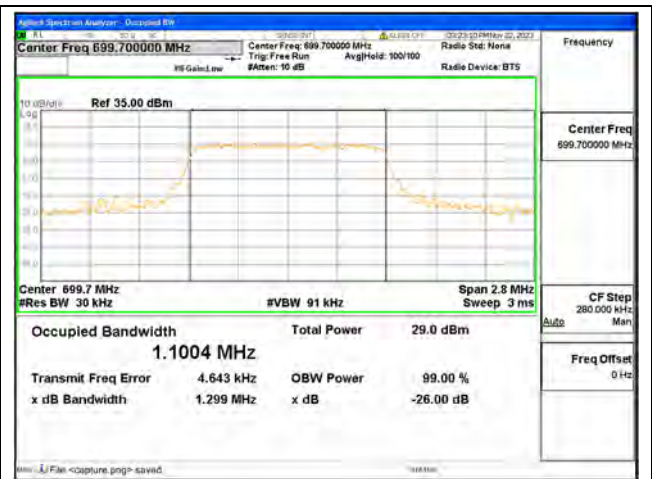
B7 / 20MHz / 16QAM/ High CH



B7 / 20MHz / 64QAM/ High CH



B12 / 1.4MHz / QPSK/ Low CH



B12 / 1.4MHz / 16QAM/ Low CH



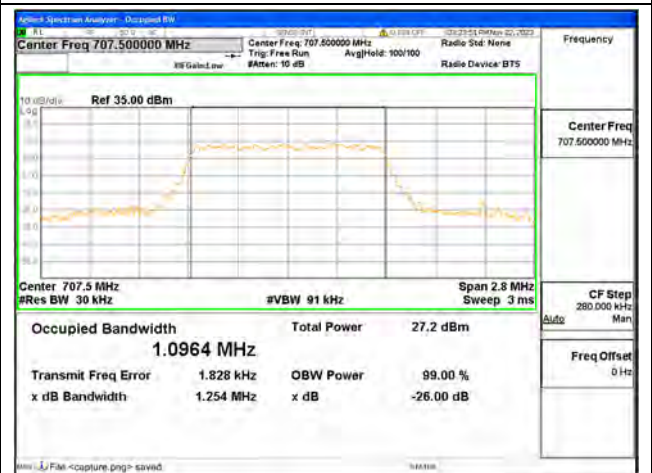
B12 / 1.4MHz / 64QAM/ Low CH



B12 / 1.4MHz / QPSK/ Mid CH



B12 / 1.4MHz / 16QAM/ Mid CH



B12 / 1.4MHz / 64QAM/ Mid CH



B12 / 1.4MHz / QPSK/ High CH



B12 / 1.4MHz / 16QAM/ High CH



B12 / 1.4MHz / 64QAM/ High CH



B12 / 3MHz / QPSK/ Low CH



B12 / 3MHz / 16QAM/ Low CH



B12 / 3MHz / 64QAM/ Low CH



B12 / 3MHz / QPSK / Mid CH



B12 / 3MHz / 16QAM / Mid CH



B12 / 3MHz / 64QAM / Mid CH



B12 / 3MHz / QPSK / High CH



B12 / 3MHz / 16QAM / High CH



B12 / 3MHz / 64QAM / High CH



B12 / 5MHz / QPSK/ Low CH



B12 / 5MHz / 16QAM/ Low CH



B12 / 5MHz / 64QAM/ Low CH



B12 / 5MHz / QPSK/ Mid CH



B12 / 5MHz / 16QAM/ Mid CH



B12 / 5MHz / 64QAM/ Mid CH



B12 / 5MHz / QPSK/ High CH



B12 / 5MHz / 16QAM/ High CH



B12 / 5MHz / 64QAM/ High CH



B12 / 10MHz / QPSK/ Low CH



B12 / 10MHz / 16QAM/ Low CH



B12 / 10MHz / 64QAM/ Low CH



B12 / 10MHz / QPSK/ Mid CH



B12 / 10MHz / 16QAM/ Mid CH



B12 / 10MHz / 64QAM/ Mid CH



B12 / 10MHz / QPSK/ High CH



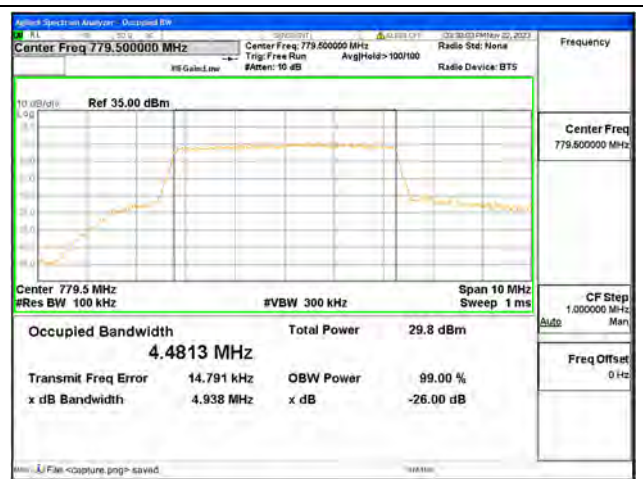
B12 / 10MHz / 16QAM/ High CH



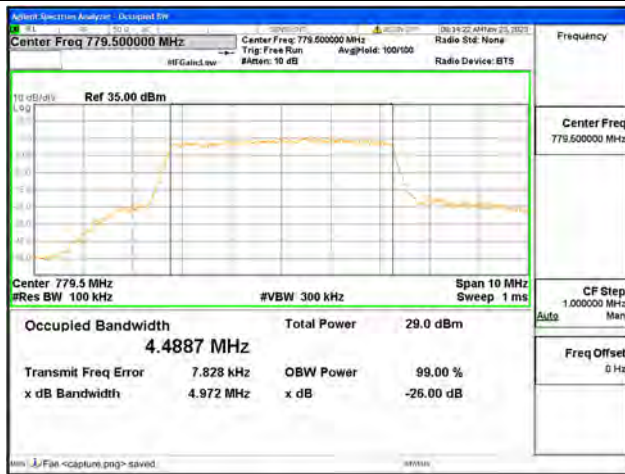
B12 / 10MHz / 64QAM/ High CH



B13 / 5MHz / QPSK / Low CH



B13 / 5MHz / 16QAM / Low CH



B13 / 5MHz / 64QAM / Low CH



B13 / 5MHz / QPSK / Mid CH



B13 / 5MHz / 16QAM / Mid CH



B13 / 5MHz / 64QAM / Mid CH



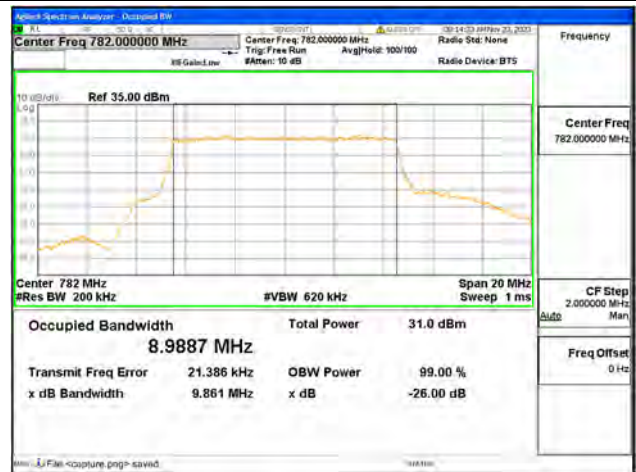
B13 / 5MHz / QPSK/ High CH



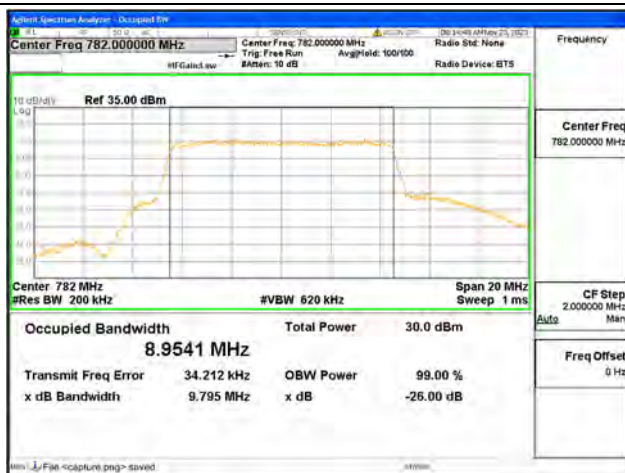
B13 / 5MHz / 16QAM/ High CH



B13 / 5MHz / 64QAM/ High CH



B13 / 10MHz / QPSK/ Mid CH



B13 / 10MHz / 16QAM/ Mid CH



B13 / 10MHz / 64QAM/ Mid CH



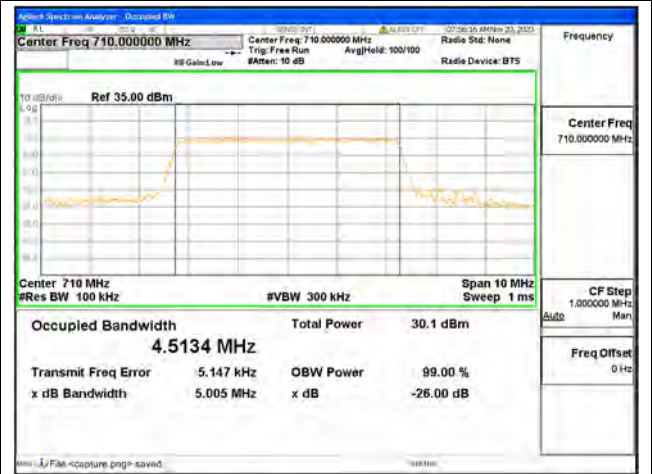
B17 / 5MHz / QPSK/ Low CH



B17 / 5MHz / 16QAM/ Low CH



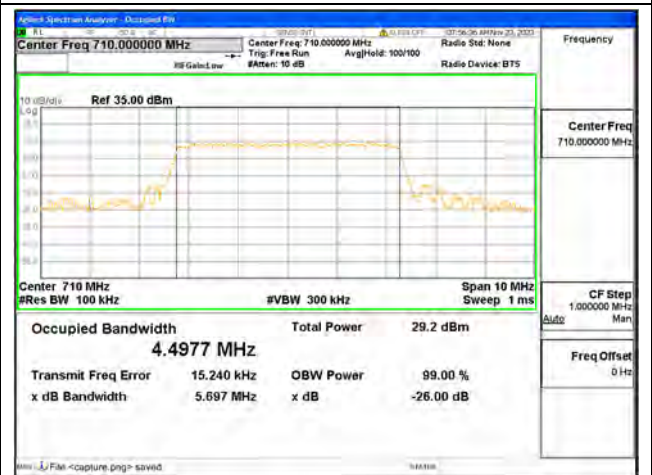
B17 / 5MHz / 64QAM/ Low CH



B17 / 5MHz / QPSK/ Mid CH



B17 / 5MHz / 16QAM/ Mid CH



B17 / 5MHz / 64QAM/ Mid CH



B17 / 5MHz / QPSK/ High CH



B17 / 5MHz / 16QAM/ High CH



B17 / 5MHz / 64QAM/ High CH



B17 / 10MHz / QPSK/ Low CH



B17 / 10MHz / 16QAM/ Low CH



B17 / 10MHz / 64QAM/ Low CH



B17 / 10MHz / QPSK/ Mid CH



B17 / 10MHz / 16QAM/ Mid CH



B17 / 10MHz / 64QAM/ Mid CH



B17 / 10MHz / QPSK/ High CH



B17 / 10MHz / 16QAM/ High CH



B17 / 10MHz / 64QAM/ High CH



B18 part22 / 5MHz / QPSK/ Low CH



B18 part22 / 5MHz / 16QAM/ Low CH



B18 part22 / 5MHz / 64QAM/ Low CH



B18 part22 / 5MHz / QPSK/ Mid CH



B18 part22 / 5MHz / 16QAM/ Mid CH



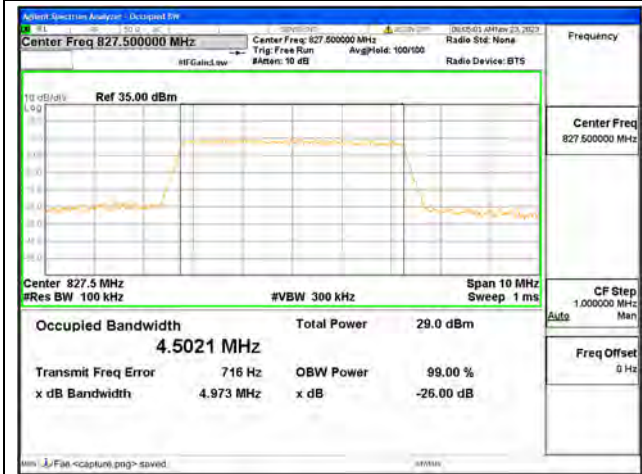
B18 part22 / 5MHz / 64QAM/ Mid CH



B18 part22 / 5MHz / QPSK/ High CH



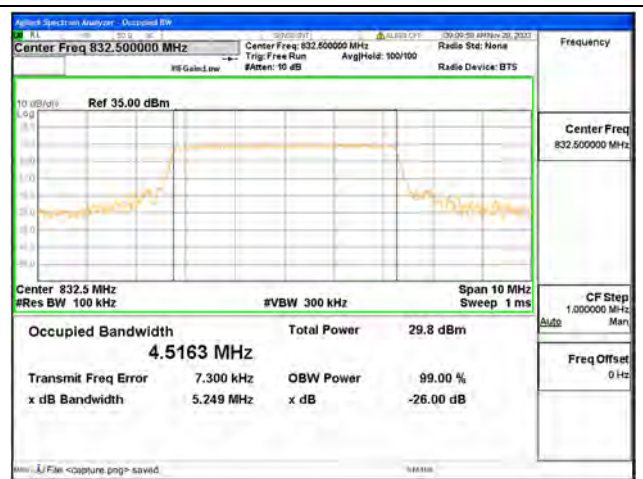
B18 part22 / 5MHz / 16QAM/ High CH



B18 part22 / 5MHz / 64QAM/ High CH



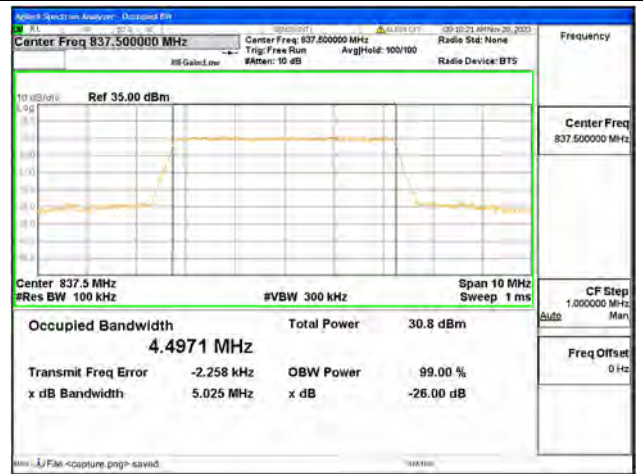
B19 / 5MHz / QPSK/ Low CH



B19 / 5MHz / 16QAM/ Low CH



B19 / 5MHz / 64QAM/ Low CH



B19 / 5MHz / QPSK/ Mid CH



B19 / 5MHz / 16QAM/ Mid CH



B19 / 5MHz / 64QAM/ Mid CH



B19 / 5MHz / QPSK/ High CH



B19 / 5MHz / 16QAM/ High CH



B19 / 5MHz / 64QAM/ High CH



B19 / 10MHz / QPSK/ Low CH



B19 / 10MHz / 16QAM/ Low CH



B19 / 10MHz / 64QAM/ Low CH



B19 / 10MHz / QPSK/ Mid CH



B19 / 10MHz / 16QAM/ Mid CH



B19 / 10MHz / 64QAM/ Mid CH



B19 / 10MHz / QPSK/ High CH



B19 / 10MHz / 16QAM/ High CH



B19 / 10MHz / 64QAM/ High CH



B19 / 15MHz / QPSK/ Low CH



B19 / 15MHz / 16QAM/ Low CH



B19 / 15MHz / 64QAM/ Low CH



B19 / 15MHz / QPSK/ Mid CH



B19 / 15MHz / 16QAM/ Mid CH



B19 / 15MHz / 64QAM/ Mid CH



B19 / 15MHz / QPSK/ High CH



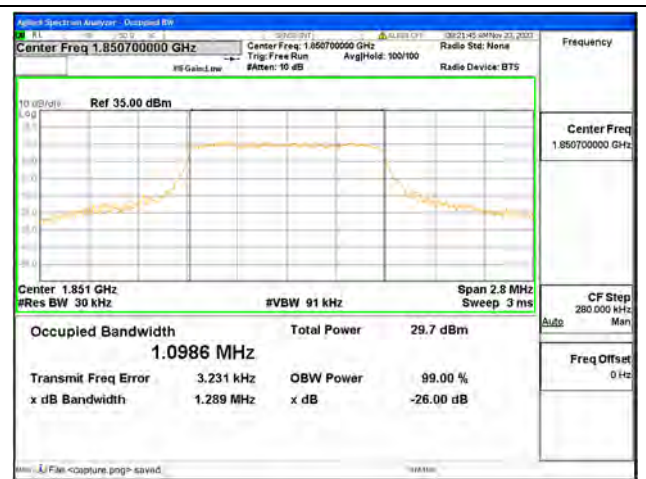
B19 / 15MHz / 16QAM/ High CH



B19 / 15MHz / 64QAM/ High CH



B25 / 1.4MHz / QPSK / Low CH



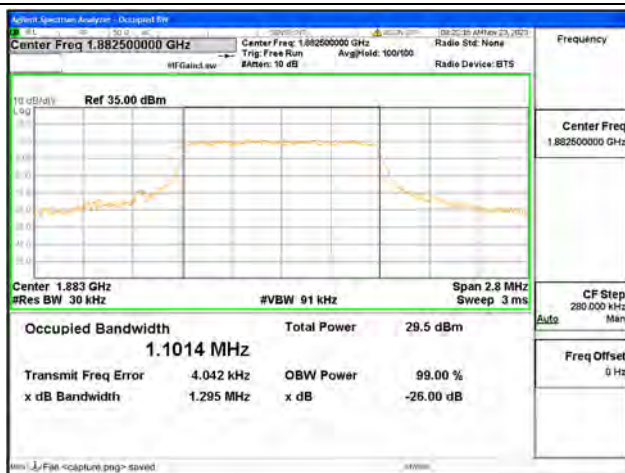
B25 / 1.4MHz / 16QAM / Low CH



B25 / 1.4MHz / 64QAM / Low CH



B25 / 1.4MHz / QPSK / Mid CH



B25 / 1.4MHz / 16QAM / Mid CH



B25 / 1.4MHz / 64QAM / Mid CH