



REPORT No.: SZ23120301W02

TEST REPORT

APPLICANT : BLU Products, Inc.

PRODUCT NAME : Smart Phone

MODEL NAME : C5L MAX

BRAND NAME : BLU

FCC ID : YHLBLUC5LMX177

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

RECEIPT DATE : 2023-12-26

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Change History		
Version	Date	Reason for change
1.0	2024-03-06	First edition



1. Technical Information

Note: Provide by applicant.

1.1. Applicant and Manufacturer Information

Applicant:	BLU Products, Inc.
Applicant Address:	8600 NW 36th Street, Suite #300 Miami, FL 33166, USA
Manufacturer:	BLU Products, Inc.
Manufacturer Address:	8600 NW 36th Street, Suite #300 Miami, FL 33166, USA

1.2. Equipment Under Test (EUT) Description

Product Name:	Smart Phone	
Sample No.:	6#	
Hardware Version:	YK507-MB-V1.0	
Software Version:	BLU_C0176_V13.0.G.03.08_GENERIC_6-12-2023_1930	
Modulation Type:	QPSK, 16QAM, 64QAM	
Operation Band:	Band 2 / 4 / 5 / 12 / 17 / 25 / 26 / 41 / 66 / 71	
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 12	Tx: 699MHz–716MHz
		Rx: 729MHz–746MHz
	LTE Band 17	Tx: 704MHz - 716MHz
		Rx: 734MHz – 746MHz
	LTE Band 25	Tx: 1850MHz–1915MHz
		Rx: 1930MHz–1995MHz
	LTE Band 26	Tx: 824MHz–849MHz
		Rx: 869MHz–894MHz
	LTE Band 41	Tx: 2496MHz –2690MHz
		Rx: 2496MHz –2690MHz



Frequency Range:	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 12	1.4MHz, 3 MHz, 5 MHz, 10MHz
	LTE Band 17	5 MHz, 10MHz
	LTE Band 25	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
	LTE Band 26	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz
	LTE Band 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	-0.90dBi
	LTE Band 4	-0.61dBi
	LTE Band 5	-1.52dBi
	LTE Band 12	-1.86dBi
	LTE Band 17	-1.89dBi
	LTE Band 25	-0.90dBi
	LTE Band 26	-1.52dBi
	LTE Band 41	-0.77dBi
	LTE Band 66	-0.97dBi
	LTE Band 71	-1.90dBi
Accessory Information:	Battery	
	Brand Name:	BLU
	Model No.:	C775444200L
	Serial No.:	N/A
	Capacity:	2000mAh
	Rated Voltage:	3.8V
	Charge Limit:	4.35V
	Manufacturer:	Shenzhen Aerospace Electronic Co.,Ltd



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Accessory Information:	AC Adapter	
	Brand Name:	BLU
	Model No.:	US-TY-1000
	Serial No.:	N/A
	Rated Output:	5V $\equiv$ 1000A
	Rated Input:	100-240V $\sim$ 50/60Hz, 0.15A
	Manufacturer:	SHENZHEN TIANYIN ELECTRONICS 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	0.155	0.129	0.101	18M0G7D	18M0W7D	18M0W7D
15	0.155	0.128	0.100	13M5G7D	13M5W7D	13M5W7D
10	0.153	0.126	0.103	9M00G7D	8M96W7D	8M98W7D
5	0.154	0.128	0.103	4M50G7D	4M50W7D	4M50W7D
3	0.153	0.129	0.101	2M68G7D	2M69W7D	2M69W7D
1.4	0.155	0.129	0.101	1M09G7D	1M09W7D	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	0.164	0.136	0.109	18M0G7D	18M0W7D	18M0W7D
15	0.163	0.138	0.108	13M5G7D	13M5W7D	13M5W7D
10	0.164	0.136	0.108	9M01G7D	8M96W7D	8M98W7D
5	0.163	0.134	0.106	4M50G7D	4M50W7D	4M50W7D
3	0.163	0.138	0.108	2M69G7D	2M69W7D	2M69W7D
1.4	0.163	0.138	0.106	1M09G7D	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	0.092	0.075	0.059	9M00G7D	8M97W7D	8M97W7D
5	0.091	0.077	0.061	4M50G7D	4M50W7D	4M50W7D
3	0.091	0.075	0.060	2M69G7D	2M69W7D	2M69W7D
1.4	0.091	0.075	0.059	1M09G7D	1M09W7D	1M10W7D
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	0.077	0.062	0.050	9M14G7D	9M06W7D	9M07W7D
5	0.076	0.063	0.050	4M55G7D	4M54W7D	4M53W7D
3	0.076	0.063	0.052	2M71G7D	2M70W7D	2M70W7D
1.4	0.076	0.063	0.049	1M11G7D	1M11W7D	1M10W7D
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	0.074	0.062	0.049	8M99G7D	8M98W7D	9M00W7D
5	0.074	0.061	0.049	4M57G7D	4M54W7D	4M53W7D



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	0.157	0.125	0.098	18M0G7D	18M0W7D	18M0W7D
15	0.151	0.125	0.099	13M5G7D	13M5W7D	13M5W7D
10	0.151	0.124	0.098	9M02G7D	8M99W7D	9M01W7D
5	0.150	0.122	0.101	4M52G7D	4M53W7D	4M54W7D
3	0.150	0.124	0.099	2M70G7D	2M70W7D	2M70W7D
1.4	0.150	0.127	0.098	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	0.079	0.085	0.079	13M5G7D	13M5W7D	13M5W7D
10	0.079	0.083	0.079	9M01G7D	8M97W7D	8M98W7D
5	0.082	0.084	0.081	4M50G7D	4M50W7D	4M50W7D
3	0.078	0.081	0.079	2M69G7D	2M69W7D	2M70W7D
1.4	0.079	0.083	0.079	1M10G7D	1M10W7D	1M10W7D
LTE Band 66	Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20	0.170	0.134	0.109	18M0G7D	18M0W7D	18M0W7D
15	0.165	0.136	0.107	13M5G7D	13M5W7D	13M5W7D
10	0.164	0.136	0.106	9M02G7D	8M99W7D	9M02W7D
5	0.163	0.136	0.107	4M52G7D	4M52W7D	4M52W7D
3	0.164	0.135	0.108	2M69G7D	2M70W7D	2M69W7D
1.4	0.163	0.135	0.106	1M09G7D	1M10W7D	1M10W7D
LTE Band 71	Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20	0.082	0.069	0.054	18M0G7D	18M0W7D	18M0W7D
15	0.082	0.068	0.054	13M5G7D	13M5W7D	13M5W7D
10	0.082	0.069	0.055	9M04G7D	8M99W7D	9M02W7D
5	0.082	0.070	0.054	4M51G7D	4M52W7D	4M54W7D



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	0.282	0.226	0.184	0.138	0.111	0.090
15	0.280	0.229	0.182	0.137	0.112	0.089
10	0.279	0.234	0.182	0.136	0.115	0.089
5	0.278	0.236	0.184	0.136	0.116	0.090
LTE Band 41	Emission Designator (99%OBW)					
BW(MHz)	QPSK		16QAM		64QAM	
20	18M0G7D		17M9W7D		18M0W7D	
15	13M5G7D		13M5W7D		13M5W7D	
10	8M99G7D		8M98W7D		8M98W7D	
5	4M51G7D		4M51W7D		4M51W7D	



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(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.	Jan. 24, 2024	Chen Hao Gan Jing	PASS	No deviation
2.1049	Occupied Bandwidth	Jan. 10, 2024	Gan Jing	PASS	No deviation
2.1055 22.355 24.235 27.54	Frequency Stability	Jan. 24, 2024	Gan Jing	PASS	No deviation
24.232(d), 27.50(d)(5)	Peak to Average Radio	Jan. 16, 2024	Gan Jing	PASS	No deviation
2.1051 22.917(a) 24.238(a) 27.53(c)(2) 27.53(g) 27.53(h) 27.53(m)(4)	Conducted Spurious Emissions	Jan. 10, 2024	Gan Jing	PASS	No deviation
2.1051 22.917(a)	Band Edge	Jan. 09, 2024	Gan Jing	PASS	No deviation



24.238(a) 27.53(c)(2) 27.53(g) 27.53(h) 27.53(m)(4)					
2.1053 22.917(a) 24.238(a) 27.53(c)(2) 27.53(g) 27.53(h) 27.53(m)(4)	Radiated Spurious Emissions	Nov. 29, 2023 to Jan. 28, 2024	Gao Jianrou	PASS	No deviation
Note 1: The tests were performed according to the method of measurements prescribed in KDB971168 D01 v03 and ANSI/TIA-603-E-2016. Note 2: The path loss during the RF test is calibrated to correct the results by the offset setting in the test 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 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.

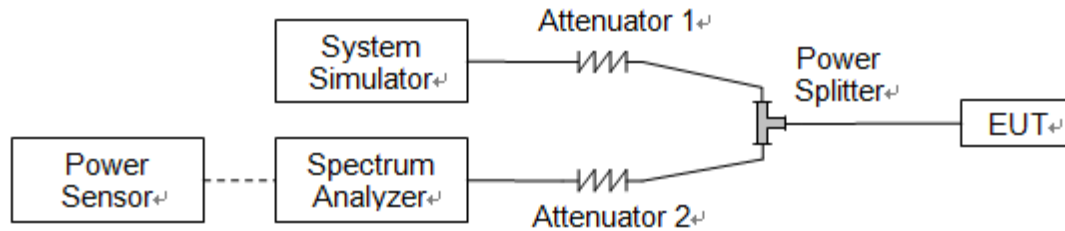
According to FCC section 22.913 (a)(2) for LTE Band 5/26, the E.R.P. of mobile transmitters and auxiliary test transmitters must not exceed 7 watts.

According to FCC section 27.50 (h)(2) for LTE Band 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.

2.1.2. Test Description



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

2.1.3. Test Procedure

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

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

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

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

LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18700	18900	19100
Frequency (MHz)				1860	1880	1900
20	QPSK	1	0	22.72	22.81	22.68
20	QPSK	1	49	22.64	22.70	22.60
20	QPSK	1	99	22.66	22.72	22.63
20	QPSK	50	0	21.65	21.73	21.61
20	QPSK	50	24	21.61	21.66	21.57
20	QPSK	50	50	21.54	21.62	21.50
20	QPSK	100	0	21.57	21.60	21.54
20	16QAM	1	0	21.93	21.99	21.89
20	16QAM	1	49	21.86	21.91	21.81
20	16QAM	1	99	21.87	21.88	21.83
20	16QAM	50	0	20.89	20.90	20.84
20	16QAM	50	24	20.86	20.88	20.79
20	16QAM	50	50	20.80	20.87	20.76
20	16QAM	100	0	20.82	20.85	20.80
20	64QAM	1	0	20.94	20.96	20.87
20	64QAM	1	49	20.87	20.84	20.79
20	64QAM	1	99	20.81	20.84	20.83
20	64QAM	50	0	19.87	19.89	19.82
20	64QAM	50	24	19.80	19.85	19.73
20	64QAM	50	50	19.82	19.79	19.70
20	64QAM	100	0	19.81	19.83	19.76



LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18675	18900	19125
Frequency (MHz)				1857.5	1880	1902.5
15	QPSK	1	0	22.70	22.79	22.63
15	QPSK	1	37	22.61	22.69	22.61
15	QPSK	1	74	22.65	22.72	22.57
15	QPSK	36	0	21.75	21.76	21.67
15	QPSK	36	20	21.54	21.53	21.52
15	QPSK	36	39	21.51	21.60	21.50
15	QPSK	75	0	21.57	21.57	21.59
15	16QAM	1	0	21.93	21.97	21.91
15	16QAM	1	37	21.72	21.94	21.83
15	16QAM	1	74	21.92	21.81	21.90
15	16QAM	36	0	20.81	20.87	20.84
15	16QAM	36	20	20.79	20.97	20.76
15	16QAM	36	39	20.80	20.76	20.73
15	16QAM	75	0	20.78	20.86	20.76
15	64QAM	1	0	20.81	20.88	20.79
15	64QAM	1	37	20.84	20.74	20.81
15	64QAM	1	74	20.82	20.69	20.83
15	64QAM	36	0	19.87	19.90	19.82
15	64QAM	36	20	19.81	19.86	19.76
15	64QAM	36	39	19.84	19.82	19.61
15	64QAM	75	0	19.82	19.80	19.67



LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18650	18900	19150
Frequency (MHz)				1855	1880	1905
10	QPSK	1	0	22.75	22.76	22.64
10	QPSK	1	25	22.74	22.72	22.57
10	QPSK	1	49	22.69	22.64	22.55
10	QPSK	25	0	21.67	21.73	21.67
10	QPSK	25	12	21.53	21.60	21.62
10	QPSK	25	25	21.64	21.62	21.60
10	QPSK	50	0	21.62	21.54	21.49
10	16QAM	1	0	21.89	21.92	21.89
10	16QAM	1	25	21.83	21.79	21.86
10	16QAM	1	49	21.86	21.88	21.87
10	16QAM	25	0	20.98	20.99	20.94
10	16QAM	25	12	20.80	20.78	20.78
10	16QAM	25	25	20.82	20.96	20.85
10	16QAM	50	0	20.88	20.79	20.74
10	64QAM	1	0	20.79	21.01	20.75
10	64QAM	1	25	20.76	20.79	20.88
10	64QAM	1	49	20.79	20.87	20.89
10	64QAM	25	0	19.77	19.91	19.86
10	64QAM	25	12	19.67	19.89	19.80
10	64QAM	25	25	19.85	19.87	19.69
10	64QAM	50	0	19.90	19.78	19.71



LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18625	18900	19175
Frequency (MHz)				1852.5	1880	1907.5
5	QPSK	1	0	22.70	22.77	22.69
5	QPSK	1	12	22.60	22.57	22.57
5	QPSK	1	24	22.66	22.59	22.58
5	QPSK	12	0	21.68	21.71	21.54
5	QPSK	12	7	21.48	21.64	21.50
5	QPSK	12	13	21.44	21.56	21.46
5	QPSK	25	0	21.53	21.70	21.50
5	16QAM	1	0	21.91	21.98	21.85
5	16QAM	1	12	21.95	21.93	21.83
5	16QAM	1	24	21.79	21.79	21.83
5	16QAM	12	0	20.77	20.82	20.72
5	16QAM	12	7	20.73	20.88	20.73
5	16QAM	12	13	20.69	20.91	20.71
5	16QAM	25	0	20.80	20.91	20.74
5	64QAM	1	0	21.03	20.92	20.78
5	64QAM	1	12	20.93	20.79	20.84
5	64QAM	1	24	20.81	20.75	20.78
5	64QAM	12	0	19.83	19.81	19.75
5	64QAM	12	7	19.66	19.92	19.72
5	64QAM	12	13	19.75	19.79	19.71
5	64QAM	25	0	19.77	19.91	19.66



LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18615	18900	19185
Frequency (MHz)				1851.5	1880	1908.5
3	QPSK	1	0	22.67	22.75	22.71
3	QPSK	1	8	22.63	22.67	22.69
3	QPSK	1	14	22.63	22.64	22.66
3	QPSK	8	0	21.73	21.79	21.52
3	QPSK	8	4	21.56	21.63	21.59
3	QPSK	8	7	21.58	21.49	21.54
3	QPSK	15	0	21.64	21.52	21.51
3	16QAM	1	0	21.93	22.01	21.91
3	16QAM	1	8	21.85	21.83	21.83
3	16QAM	1	14	21.75	21.95	21.78
3	16QAM	8	0	20.93	20.90	20.81
3	16QAM	8	4	20.74	20.82	20.70
3	16QAM	8	7	20.77	20.72	20.69
3	16QAM	15	0	20.71	20.85	20.90
3	64QAM	1	0	20.93	20.91	20.88
3	64QAM	1	8	20.72	20.86	20.73
3	64QAM	1	14	20.90	20.79	20.79
3	64QAM	8	0	19.79	19.88	19.85
3	64QAM	8	4	19.77	19.85	19.72
3	64QAM	8	7	19.89	19.65	19.73
3	64QAM	15	0	19.69	19.79	19.65



LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18607	18900	19193
Frequency (MHz)				1850.7	1880	1909.3
1.4	QPSK	1	0	22.66	22.74	22.68
1.4	QPSK	1	3	22.71	22.80	22.66
1.4	QPSK	1	5	22.65	22.78	22.48
1.4	QPSK	3	0	21.51	21.76	21.60
1.4	QPSK	3	1	21.51	21.71	21.49
1.4	QPSK	3	3	21.46	21.65	21.57
1.4	QPSK	6	0	21.61	21.48	21.60
1.4	16QAM	1	0	21.82	22.01	21.99
1.4	16QAM	1	3	21.75	21.85	21.80
1.4	16QAM	1	5	21.87	21.89	21.82
1.4	16QAM	3	0	20.90	21.00	20.84
1.4	16QAM	3	1	20.83	20.77	20.78
1.4	16QAM	3	3	20.82	20.88	20.81
1.4	16QAM	6	0	20.70	20.83	20.86
1.4	64QAM	1	0	20.94	20.91	20.77
1.4	64QAM	1	3	20.74	20.75	20.82
1.4	64QAM	1	5	20.91	20.93	20.85
1.4	64QAM	3	0	19.92	19.75	19.92
1.4	64QAM	3	1	19.87	19.91	19.77
1.4	64QAM	3	3	19.78	19.78	19.77
1.4	64QAM	6	0	19.75	19.82	19.84



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	22.70	22.77	22.69
20	QPSK	1	49	22.68	22.69	22.55
20	QPSK	1	99	22.67	22.67	22.68
20	QPSK	50	0	21.72	21.75	21.60
20	QPSK	50	24	21.60	21.52	21.66
20	QPSK	50	50	21.52	21.65	21.56
20	QPSK	100	0	21.45	21.69	21.52
20	16QAM	1	0	21.91	21.96	21.82
20	16QAM	1	49	21.71	21.90	21.67
20	16QAM	1	99	21.79	21.73	21.91
20	16QAM	50	0	20.96	20.91	20.94
20	16QAM	50	24	20.84	20.83	20.76
20	16QAM	50	50	20.75	20.87	20.81
20	16QAM	100	0	20.92	20.81	20.82
20	64QAM	1	0	20.92	20.98	20.97
20	64QAM	1	49	20.89	20.97	20.88
20	64QAM	1	99	20.72	20.80	20.83
20	64QAM	50	0	19.81	19.87	19.83
20	64QAM	50	24	19.68	19.77	19.83
20	64QAM	50	50	19.69	19.64	19.69
20	64QAM	100	0	19.87	19.68	19.79



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	22.62	22.74	22.68
15	QPSK	1	37	22.65	22.72	22.60
15	QPSK	1	74	22.60	22.67	22.64
15	QPSK	36	0	21.71	21.74	21.65
15	QPSK	36	20	21.70	21.61	21.45
15	QPSK	36	39	21.49	21.71	21.55
15	QPSK	75	0	21.65	21.45	21.50
15	16QAM	1	0	21.94	22.00	21.98
15	16QAM	1	37	21.85	21.84	21.89
15	16QAM	1	74	21.88	21.83	21.87
15	16QAM	36	0	20.78	20.96	20.91
15	16QAM	36	20	20.82	20.95	20.75
15	16QAM	36	39	20.79	20.88	20.79
15	16QAM	75	0	20.76	20.77	20.67
15	64QAM	1	0	20.92	20.93	20.87
15	64QAM	1	37	20.91	20.78	20.81
15	64QAM	1	74	20.81	20.81	20.82
15	64QAM	36	0	19.95	19.98	19.87
15	64QAM	36	20	19.69	19.72	19.79
15	64QAM	36	39	19.74	19.86	19.68
15	64QAM	75	0	19.84	19.93	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				20000	20175	20350
Frequency (MHz)				1715	1732.5	1750
10	QPSK	1	0	22.74	22.75	22.68
10	QPSK	1	25	22.71	22.66	22.48
10	QPSK	1	49	22.72	22.63	22.67
10	QPSK	25	0	21.60	21.67	21.55
10	QPSK	25	12	21.54	21.65	21.48
10	QPSK	25	25	21.63	21.48	21.50
10	QPSK	50	0	21.43	21.61	21.62
10	16QAM	1	0	21.81	21.95	21.90
10	16QAM	1	25	21.84	21.91	21.85
10	16QAM	1	49	21.73	21.88	21.86
10	16QAM	25	0	20.86	20.90	20.73
10	16QAM	25	12	20.83	20.81	20.77
10	16QAM	25	25	20.71	20.83	20.72
10	16QAM	50	0	20.83	20.75	20.70
10	64QAM	1	0	20.91	20.95	20.87
10	64QAM	1	25	20.89	20.94	20.86
10	64QAM	1	49	20.68	20.72	20.77
10	64QAM	25	0	19.72	19.77	19.69
10	64QAM	25	12	19.81	19.88	19.83
10	64QAM	25	25	19.85	19.83	19.74
10	64QAM	50	0	19.79	19.93	19.73



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	22.60	22.72	22.56
5	QPSK	1	12	22.54	22.64	22.47
5	QPSK	1	24	22.54	22.69	22.51
5	QPSK	12	0	21.57	21.77	21.65
5	QPSK	12	7	21.62	21.67	21.49
5	QPSK	12	13	21.56	21.51	21.48
5	QPSK	25	0	21.61	21.46	21.43
5	16QAM	1	0	21.83	21.88	21.85
5	16QAM	1	12	21.72	21.86	21.70
5	16QAM	1	24	21.72	21.75	21.80
5	16QAM	12	0	20.84	20.89	20.79
5	16QAM	12	7	20.83	20.88	20.89
5	16QAM	12	13	20.83	20.72	20.67
5	16QAM	25	0	20.74	20.77	20.79
5	64QAM	1	0	20.86	20.87	20.81
5	64QAM	1	12	20.85	20.87	20.80
5	64QAM	1	24	20.69	20.86	20.81
5	64QAM	12	0	19.83	19.80	19.81
5	64QAM	12	7	19.69	19.79	19.71
5	64QAM	12	13	19.81	19.66	19.57
5	64QAM	25	0	19.71	19.73	19.77



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				19965	20175	20385
Frequency (MHz)				1711.5	1732.5	1753.5
3	QPSK	1	0	22.68	22.74	22.68
3	QPSK	1	8	22.71	22.67	22.67
3	QPSK	1	14	22.64	22.69	22.53
3	QPSK	8	0	21.72	21.73	21.62
3	QPSK	8	4	21.62	21.66	21.62
3	QPSK	8	7	21.57	21.57	21.53
3	QPSK	15	0	21.65	21.51	21.42
3	16QAM	1	0	21.93	22.00	21.84
3	16QAM	1	8	21.71	21.76	21.90
3	16QAM	1	14	21.85	21.95	21.78
3	16QAM	8	0	20.84	20.86	20.79
3	16QAM	8	4	20.90	20.80	20.81
3	16QAM	8	7	20.73	20.82	20.78
3	16QAM	15	0	20.72	20.88	20.70
3	64QAM	1	0	20.94	20.95	20.77
3	64QAM	1	8	20.86	20.76	20.79
3	64QAM	1	14	20.89	20.75	20.87
3	64QAM	8	0	19.84	19.85	19.86
3	64QAM	8	4	19.90	19.83	19.81
3	64QAM	8	7	19.69	19.65	19.70
3	64QAM	15	0	19.67	19.87	19.61



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				19957	20175	20393
Frequency (MHz)				1710.7	1732.5	1754.3
1.4	QPSK	1	0	22.70	22.73	22.54
1.4	QPSK	1	3	22.52	22.62	22.63
1.4	QPSK	1	5	22.55	22.61	22.61
1.4	QPSK	3	0	21.72	21.76	21.59
1.4	QPSK	3	1	21.50	21.70	21.62
1.4	QPSK	3	3	21.61	21.50	21.48
1.4	QPSK	6	0	21.62	21.68	21.44
1.4	16QAM	1	0	22.00	21.84	21.88
1.4	16QAM	1	3	21.71	21.99	21.83
1.4	16QAM	1	5	21.97	21.76	21.92
1.4	16QAM	3	0	20.83	20.92	20.77
1.4	16QAM	3	1	20.93	20.79	20.78
1.4	16QAM	3	3	20.67	20.95	20.68
1.4	16QAM	6	0	20.86	20.84	20.79
1.4	64QAM	1	0	20.80	20.84	20.82
1.4	64QAM	1	3	20.88	20.81	20.67
1.4	64QAM	1	5	20.87	20.72	20.77
1.4	64QAM	3	0	19.81	19.86	19.79
1.4	64QAM	3	1	19.72	19.82	19.58
1.4	64QAM	3	3	19.82	19.64	19.64
1.4	64QAM	6	0	19.73	19.89	19.63



LTE Band 5						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20450	20525	20600
Frequency (MHz)				829	836.5	844
10	QPSK	1	0	23.24	23.30	23.18
10	QPSK	1	25	23.11	23.22	23.07
10	QPSK	1	49	23.18	23.19	23.11
10	QPSK	25	0	22.14	22.19	22.11
10	QPSK	25	12	22.09	22.10	22.08
10	QPSK	25	25	22.16	22.15	22.12
10	QPSK	50	0	22.05	22.12	22.03
10	16QAM	1	0	22.41	22.44	22.32
10	16QAM	1	25	22.25	22.43	22.31
10	16QAM	1	49	22.43	22.42	22.29
10	16QAM	25	0	21.34	21.37	21.33
10	16QAM	25	12	21.30	21.27	21.32
10	16QAM	25	25	21.29	21.27	21.25
10	16QAM	50	0	21.35	21.36	21.27
10	64QAM	1	0	21.38	21.41	21.35
10	64QAM	1	25	21.33	21.33	21.29
10	64QAM	1	49	21.39	21.28	21.25
10	64QAM	25	0	20.31	20.38	20.32
10	64QAM	25	12	20.27	20.33	20.23
10	64QAM	25	25	20.25	20.30	20.22
10	64QAM	50	0	20.22	20.31	20.21



LTE Band 5						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20425	20525	20625
Frequency (MHz)				826.5	836.5	846.5
5	QPSK	1	0	23.21	23.28	23.12
5	QPSK	1	12	23.01	23.11	23.11
5	QPSK	1	24	23.15	23.19	23.09
5	QPSK	12	0	22.07	22.22	22.07
5	QPSK	12	7	22.08	22.02	22.09
5	QPSK	12	13	22.00	21.98	22.01
5	QPSK	25	0	22.01	22.12	22.06
5	16QAM	1	0	22.52	22.51	22.39
5	16QAM	1	12	22.28	22.30	22.42
5	16QAM	1	24	22.27	22.38	22.34
5	16QAM	12	0	21.40	21.41	21.32
5	16QAM	12	7	21.33	21.39	21.38
5	16QAM	12	13	21.22	21.31	21.27
5	16QAM	25	0	21.35	21.31	21.24
5	64QAM	1	0	21.45	21.49	21.44
5	64QAM	1	12	21.31	21.35	21.30
5	64QAM	1	24	21.33	21.31	21.28
5	64QAM	12	0	20.35	20.41	20.37
5	64QAM	12	7	20.31	20.28	20.18
5	64QAM	12	13	20.25	20.32	20.20
5	64QAM	25	0	20.29	20.27	20.23



LTE Band 5						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20415	20525	20635
Frequency (MHz)				825.5	836.5	847.5
3	QPSK	1	0	23.15	23.24	23.12
3	QPSK	1	8	23.11	23.03	23.03
3	QPSK	1	14	23.09	23.11	23.06
3	QPSK	8	0	22.11	22.18	22.10
3	QPSK	8	4	22.01	21.99	22.08
3	QPSK	8	7	22.08	21.97	21.91
3	QPSK	15	0	21.94	22.11	21.98
3	16QAM	1	0	22.31	22.43	22.29
3	16QAM	1	8	22.23	22.34	22.30
3	16QAM	1	14	22.32	22.35	22.35
3	16QAM	8	0	21.27	21.36	21.28
3	16QAM	8	4	21.26	21.30	21.19
3	16QAM	8	7	21.31	21.27	21.25
3	16QAM	15	0	21.33	21.30	21.24
3	64QAM	1	0	21.39	21.46	21.33
3	64QAM	1	8	21.28	21.32	21.30
3	64QAM	1	14	21.37	21.33	21.35
3	64QAM	8	0	20.33	20.38	20.33
3	64QAM	8	4	20.28	20.31	20.36
3	64QAM	8	7	20.30	20.34	20.23
3	64QAM	15	0	20.27	20.27	20.24



LTE Band 5						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20407	20525	20643
Frequency (MHz)				824.7	836.5	848.3
1.4	QPSK	1	0	23.18	23.25	23.12
1.4	QPSK	1	3	23.05	23.17	23.04
1.4	QPSK	1	5	23.08	23.11	23.08
1.4	QPSK	3	0	22.09	22.24	22.17
1.4	QPSK	3	1	22.20	22.17	22.06
1.4	QPSK	3	3	22.04	22.16	21.93
1.4	QPSK	6	0	22.12	22.01	22.00
1.4	16QAM	1	0	22.31	22.44	22.38
1.4	16QAM	1	3	22.32	22.28	22.36
1.4	16QAM	1	5	22.39	22.24	22.33
1.4	16QAM	3	0	21.47	21.25	21.34
1.4	16QAM	3	1	21.37	21.27	21.29
1.4	16QAM	3	3	21.32	21.41	21.29
1.4	16QAM	6	0	21.29	21.33	21.32
1.4	64QAM	1	0	21.32	21.36	21.35
1.4	64QAM	1	3	21.36	21.30	21.37
1.4	64QAM	1	5	21.31	21.34	21.28
1.4	64QAM	3	0	20.26	20.43	20.29
1.4	64QAM	3	1	20.36	20.28	20.24
1.4	64QAM	3	3	20.25	20.21	20.15
1.4	64QAM	6	0	20.37	20.30	20.31



LTE Band 12						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23060	23095	23130
Frequency (MHz)				704	707.5	711
10	QPSK	1	0	22.81	22.87	22.84
10	QPSK	1	25	22.79	22.77	22.72
10	QPSK	1	49	22.78	22.75	22.77
10	QPSK	25	0	21.80	21.89	21.83
10	QPSK	25	12	21.76	21.63	21.81
10	QPSK	25	25	21.59	21.82	21.74
10	QPSK	50	0	21.60	21.71	21.73
10	16QAM	1	0	21.89	21.94	21.89
10	16QAM	1	25	21.86	21.87	21.90
10	16QAM	1	49	21.80	21.88	21.79
10	16QAM	25	0	20.93	20.97	20.90
10	16QAM	25	12	20.84	20.87	20.91
10	16QAM	25	25	20.91	20.86	20.82
10	16QAM	50	0	20.86	20.85	20.84
10	64QAM	1	0	20.98	20.99	20.98
10	64QAM	1	25	20.93	20.84	20.86
10	64QAM	1	49	20.88	20.88	20.90
10	64QAM	25	0	19.86	19.94	19.93
10	64QAM	25	12	19.92	19.81	19.84
10	64QAM	25	25	19.87	19.87	19.86
10	64QAM	50	0	19.88	19.80	19.87



LTE Band 12						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23035	23095	23155
Frequency (MHz)				701.5	707.5	713.5
5	QPSK	1	0	22.78	22.84	22.81
5	QPSK	1	12	22.70	22.83	22.64
5	QPSK	1	24	22.81	22.78	22.75
5	QPSK	12	0	21.68	21.85	21.66
5	QPSK	12	7	21.79	21.78	21.78
5	QPSK	12	13	21.63	21.76	21.65
5	QPSK	25	0	21.66	21.68	21.64
5	16QAM	1	0	21.94	22.02	21.94
5	16QAM	1	12	21.95	22.01	21.97
5	16QAM	1	24	21.90	21.86	21.91
5	16QAM	12	0	21.08	21.09	21.06
5	16QAM	12	7	20.96	21.04	21.01
5	16QAM	12	13	20.94	21.06	20.91
5	16QAM	25	0	20.87	20.85	20.97
5	64QAM	1	0	20.93	21.03	20.98
5	64QAM	1	12	20.98	20.87	20.95
5	64QAM	1	24	20.94	20.91	20.87
5	64QAM	12	0	19.90	19.99	19.92
5	64QAM	12	7	19.83	19.97	19.76
5	64QAM	12	13	19.85	19.84	19.91
5	64QAM	25	0	19.92	19.88	19.91



LTE Band 12						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23025	23095	23165
Frequency (MHz)				700.5	707.5	714.5
3	QPSK	1	0	22.77	22.83	22.81
3	QPSK	1	8	22.72	22.81	22.79
3	QPSK	1	14	22.67	22.78	22.71
3	QPSK	8	0	21.79	21.82	21.71
3	QPSK	8	4	21.72	21.77	21.80
3	QPSK	8	7	21.67	21.62	21.68
3	QPSK	15	0	21.78	21.62	21.66
3	16QAM	1	0	21.93	21.99	21.86
3	16QAM	1	8	21.90	21.88	21.93
3	16QAM	1	14	21.97	21.96	21.90
3	16QAM	8	0	20.85	20.95	20.84
3	16QAM	8	4	20.87	20.89	20.85
3	16QAM	8	7	20.85	20.86	20.84
3	16QAM	15	0	20.83	20.88	20.86
3	64QAM	1	0	21.18	21.13	21.07
3	64QAM	1	8	20.87	20.94	20.92
3	64QAM	1	14	20.95	20.94	21.01
3	64QAM	8	0	19.91	19.87	19.86
3	64QAM	8	4	19.92	19.83	19.79
3	64QAM	8	7	19.91	19.88	19.75
3	64QAM	15	0	19.82	19.89	19.96



LTE Band 12						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23017	23095	23173
Frequency (MHz)				699.7	707.5	715.3
1.4	QPSK	1	0	22.78	22.82	22.79
1.4	QPSK	1	3	22.71	22.78	22.74
1.4	QPSK	1	5	22.76	22.72	22.77
1.4	QPSK	3	0	21.76	21.82	21.80
1.4	QPSK	3	1	21.78	21.67	21.65
1.4	QPSK	3	3	21.64	21.64	21.73
1.4	QPSK	6	0	21.72	21.78	21.74
1.4	16QAM	1	0	21.88	21.98	21.90
1.4	16QAM	1	3	21.91	21.95	21.90
1.4	16QAM	1	5	21.96	21.91	21.96
1.4	16QAM	3	0	21.01	21.02	20.92
1.4	16QAM	3	1	20.87	20.98	20.90
1.4	16QAM	3	3	20.99	20.95	20.79
1.4	16QAM	6	0	20.89	20.90	20.88
1.4	64QAM	1	0	20.88	20.95	20.95
1.4	64QAM	1	3	20.87	20.83	20.86
1.4	64QAM	1	5	20.85	20.84	20.87
1.4	64QAM	3	0	19.92	20.03	19.97
1.4	64QAM	3	1	19.94	20.02	19.88
1.4	64QAM	3	3	19.82	19.86	19.85
1.4	64QAM	6	0	19.95	19.97	19.84



LTE Band 17						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23780	23790	23800
Frequency (MHz)				709	710	711
10	QPSK	1	0	22.70	22.74	22.67
10	QPSK	1	25	22.68	22.71	22.65
10	QPSK	1	49	22.60	22.64	22.59
10	QPSK	25	0	21.71	21.77	21.63
10	QPSK	25	12	21.55	21.70	21.75
10	QPSK	25	25	21.69	21.68	21.56
10	QPSK	50	0	21.56	21.46	21.70
10	16QAM	1	0	21.88	21.95	21.90
10	16QAM	1	25	21.83	21.87	21.91
10	16QAM	1	49	21.78	21.80	21.92
10	16QAM	25	0	20.87	20.86	20.85
10	16QAM	25	12	20.81	20.77	20.88
10	16QAM	25	25	20.84	20.82	20.85
10	16QAM	50	0	20.85	20.86	20.79
10	64QAM	1	0	20.87	20.94	20.95
10	64QAM	1	25	20.93	20.92	20.82
10	64QAM	1	49	20.84	20.91	20.79
10	64QAM	25	0	19.92	19.93	19.86
10	64QAM	25	12	19.86	19.80	19.68
10	64QAM	25	25	19.77	19.80	19.79
10	64QAM	50	0	19.92	19.81	19.91



LTE Band 17						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23755	23790	23825
Frequency (MHz)				706.5	710	713.5
5	QPSK	1	0	22.66	22.71	22.68
5	QPSK	1	12	22.69	22.68	22.63
5	QPSK	1	24	22.61	22.67	22.55
5	QPSK	12	0	21.66	21.69	21.55
5	QPSK	12	7	21.59	21.67	21.68
5	QPSK	12	13	21.61	21.68	21.64
5	QPSK	25	0	21.48	21.62	21.53
5	16QAM	1	0	21.82	21.90	21.86
5	16QAM	1	12	21.80	21.86	21.77
5	16QAM	1	24	21.77	21.79	21.83
5	16QAM	12	0	20.83	20.87	20.86
5	16QAM	12	7	20.75	20.79	20.81
5	16QAM	12	13	20.81	20.81	20.85
5	16QAM	25	0	20.77	20.86	20.81
5	64QAM	1	0	20.85	20.96	20.90
5	64QAM	1	12	20.78	20.92	20.73
5	64QAM	1	24	20.93	20.80	20.88
5	64QAM	12	0	19.83	19.91	19.83
5	64QAM	12	7	19.89	19.71	19.74
5	64QAM	12	13	19.82	19.89	19.79
5	64QAM	25	0	19.87	19.89	19.83



LTE Band 25						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26140	26365	26590
Frequency (MHz)				1860	1882.5	1905
20	QPSK	1	0	22.83	22.87	22.84
20	QPSK	1	49	22.74	22.80	22.79
20	QPSK	1	99	22.78	22.76	22.76
20	QPSK	50	0	21.79	21.81	21.76
20	QPSK	50	24	21.53	21.73	21.69
20	QPSK	50	50	21.57	21.70	21.67
20	QPSK	100	0	21.63	21.66	21.63
20	16QAM	1	0	21.83	21.88	21.86
20	16QAM	1	49	21.81	21.68	21.65
20	16QAM	1	99	21.87	21.76	21.76
20	16QAM	50	0	20.79	20.86	20.66
20	16QAM	50	24	20.84	20.84	20.73
20	16QAM	50	50	20.81	20.78	20.72
20	16QAM	100	0	20.65	20.75	20.66
20	64QAM	1	0	20.79	20.74	20.70
20	64QAM	1	49	20.66	20.76	20.80
20	64QAM	1	99	20.58	20.77	20.63
20	64QAM	50	0	19.89	19.78	19.87
20	64QAM	50	24	19.71	19.64	19.69
20	64QAM	50	50	19.61	19.66	19.69
20	64QAM	100	0	19.60	19.77	19.71



LTE Band 25						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26115	26365	26615
Frequency (MHz)				1857.5	1882.5	1907.5
15	QPSK	1	0	22.66	22.69	22.65
15	QPSK	1	37	22.50	22.44	22.55
15	QPSK	1	74	22.53	22.45	22.51
15	QPSK	36	0	21.53	21.67	21.65
15	QPSK	36	20	21.50	21.50	21.48
15	QPSK	36	39	21.40	21.51	21.40
15	QPSK	75	0	21.51	21.55	21.35
15	16QAM	1	0	21.73	21.84	21.69
15	16QAM	1	37	21.78	21.88	21.72
15	16QAM	1	74	21.65	21.74	21.84
15	16QAM	36	0	20.70	20.63	20.89
15	16QAM	36	20	20.75	20.78	20.66
15	16QAM	36	39	20.68	20.77	20.67
15	16QAM	75	0	20.72	20.58	20.62
15	64QAM	1	0	20.75	20.86	20.69
15	64QAM	1	37	20.85	20.72	20.84
15	64QAM	1	74	20.70	20.57	20.72
15	64QAM	36	0	19.80	19.63	19.69
15	64QAM	36	20	19.63	19.58	19.74
15	64QAM	36	39	19.65	19.63	19.65
15	64QAM	75	0	19.72	19.72	19.56



LTE Band 25						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26090	26365	26640
Frequency (MHz)				1855	1882.5	1910
10	QPSK	1	0	22.61	22.68	22.65
10	QPSK	1	25	22.56	22.62	22.53
10	QPSK	1	49	22.51	22.55	22.56
10	QPSK	25	0	21.62	21.69	21.61
10	QPSK	25	12	21.48	21.57	21.43
10	QPSK	25	25	21.56	21.56	21.53
10	QPSK	50	0	21.47	21.58	21.54
10	16QAM	1	0	21.80	21.83	21.79
10	16QAM	1	25	21.69	21.73	21.83
10	16QAM	1	49	21.67	21.61	21.67
10	16QAM	25	0	20.77	20.82	20.85
10	16QAM	25	12	20.65	20.76	20.70
10	16QAM	25	25	20.58	20.75	20.67
10	16QAM	50	0	20.79	20.82	20.69
10	64QAM	1	0	20.73	20.83	20.82
10	64QAM	1	25	20.69	20.68	20.78
10	64QAM	1	49	20.76	20.65	20.76
10	64QAM	25	0	19.81	19.85	19.70
10	64QAM	25	12	19.64	19.58	19.74
10	64QAM	25	25	19.74	19.70	19.60
10	64QAM	50	0	19.79	19.76	19.75



LTE Band 25						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26065	26365	26665
Frequency (MHz)				1852.5	1882.5	1912.5
5	QPSK	1	0	22.63	22.66	22.61
5	QPSK	1	12	22.62	22.59	22.44
5	QPSK	1	24	22.62	22.49	22.52
5	QPSK	12	0	21.51	21.66	21.60
5	QPSK	12	7	21.61	21.52	21.48
5	QPSK	12	13	21.39	21.41	21.36
5	QPSK	25	0	21.45	21.44	21.55
5	16QAM	1	0	21.72	21.76	21.74
5	16QAM	1	12	21.70	21.74	21.68
5	16QAM	1	24	21.68	21.67	21.73
5	16QAM	12	0	20.72	20.79	20.86
5	16QAM	12	7	20.75	20.66	20.65
5	16QAM	12	13	20.64	20.70	20.80
5	16QAM	25	0	20.67	20.57	20.82
5	64QAM	1	0	20.93	20.78	20.82
5	64QAM	1	12	20.73	20.62	20.79
5	64QAM	1	24	20.80	20.77	20.73
5	64QAM	12	0	19.64	19.81	19.84
5	64QAM	12	7	19.60	19.78	19.65
5	64QAM	12	13	19.63	19.52	19.67
5	64QAM	25	0	19.72	19.63	19.67



LTE Band 25						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26055	26365	26675
Frequency (MHz)				1851.5	1882.5	1913.5
3	QPSK	1	0	22.64	22.67	22.59
3	QPSK	1	8	22.62	22.64	22.49
3	QPSK	1	14	22.63	22.53	22.48
3	QPSK	8	0	21.48	21.65	21.57
3	QPSK	8	4	21.54	21.63	21.42
3	QPSK	8	7	21.47	21.51	21.40
3	QPSK	15	0	21.58	21.56	21.54
3	16QAM	1	0	21.81	21.84	21.81
3	16QAM	1	8	21.76	21.64	21.62
3	16QAM	1	14	21.77	21.80	21.68
3	16QAM	8	0	20.80	20.80	20.76
3	16QAM	8	4	20.68	20.78	20.82
3	16QAM	8	7	20.78	20.70	20.81
3	16QAM	15	0	20.74	20.59	20.76
3	64QAM	1	0	20.80	20.70	20.84
3	64QAM	1	8	20.73	20.79	20.74
3	64QAM	1	14	20.65	20.69	20.65
3	64QAM	8	0	19.79	19.72	19.65
3	64QAM	8	4	19.61	19.76	19.76
3	64QAM	8	7	19.75	19.57	19.70
3	64QAM	15	0	19.70	19.75	19.75



LTE Band 25						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26047	26365	26683
Frequency (MHz)				1850.7	1882.5	1914.3
1.4	QPSK	1	0	22.56	22.65	22.61
1.4	QPSK	1	3	22.62	22.45	22.57
1.4	QPSK	1	5	22.54	22.58	22.61
1.4	QPSK	3	0	21.65	21.49	21.61
1.4	QPSK	3	1	21.49	21.38	21.47
1.4	QPSK	3	3	21.43	21.59	21.44
1.4	QPSK	6	0	21.47	21.54	21.42
1.4	16QAM	1	0	21.93	21.86	21.80
1.4	16QAM	1	3	21.74	21.84	21.81
1.4	16QAM	1	5	21.89	21.71	21.81
1.4	16QAM	3	0	20.84	20.85	20.78
1.4	16QAM	3	1	20.75	20.70	20.66
1.4	16QAM	3	3	20.63	20.83	20.56
1.4	16QAM	6	0	20.64	20.72	20.75
1.4	64QAM	1	0	20.82	20.79	20.72
1.4	64QAM	1	3	20.65	20.68	20.60
1.4	64QAM	1	5	20.78	20.56	20.77
1.4	64QAM	3	0	19.87	19.73	19.68
1.4	64QAM	3	1	19.76	19.61	19.70
1.4	64QAM	3	3	19.60	19.73	19.74
1.4	64QAM	6	0	19.58	19.80	19.80



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	22.35	22.31	22.41
15	QPSK	1	37	22.67	22.35	22.31
15	QPSK	1	74	22.20	22.29	22.52
15	QPSK	36	0	22.48	22.58	22.54
15	QPSK	36	20	22.56	22.58	22.57
15	QPSK	36	39	22.53	22.55	22.28
15	QPSK	75	0	22.40	22.54	22.52
15	16QAM	1	0	22.37	22.15	22.51
15	16QAM	1	37	22.50	22.80	22.96
15	16QAM	1	74	22.45	22.35	22.61
15	16QAM	36	0	22.52	22.58	22.41
15	16QAM	36	20	22.31	22.46	22.49
15	16QAM	36	39	22.54	22.45	22.16
15	16QAM	75	0	22.50	22.60	22.43
15	64QAM	1	0	22.12	22.08	22.34
15	64QAM	1	37	22.06	22.23	22.54
15	64QAM	1	74	22.17	22.01	22.36
15	64QAM	36	0	22.26	22.60	22.20
15	64QAM	36	20	22.46	22.62	22.42
15	64QAM	36	39	22.46	22.49	22.10
15	64QAM	75	0	22.42	22.57	22.44



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	22.42	22.44	22.51
10	QPSK	1	25	22.57	22.64	22.54
10	QPSK	1	49	22.52	22.44	22.49
10	QPSK	25	0	22.52	22.49	22.59
10	QPSK	25	12	22.53	22.49	21.78
10	QPSK	25	25	22.54	22.48	22.59
10	QPSK	50	0	22.44	22.53	22.51
10	16QAM	1	0	22.25	22.44	22.68
10	16QAM	1	25	22.63	22.61	22.83
10	16QAM	1	49	22.33	22.65	22.66
10	16QAM	25	0	22.58	22.54	22.46
10	16QAM	25	12	22.42	22.36	22.55
10	16QAM	25	25	22.21	22.42	22.38
10	16QAM	50	0	22.30	22.39	22.47
10	64QAM	1	0	21.86	22.23	22.23
10	64QAM	1	25	21.88	22.04	22.51
10	64QAM	1	49	22.02	21.92	22.40
10	64QAM	25	0	22.45	22.39	22.47
10	64QAM	25	12	22.45	22.32	22.43
10	64QAM	25	25	22.36	22.37	22.38
10	64QAM	50	0	22.39	22.35	22.50



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	22.36	22.41	22.42
5	QPSK	1	12	22.34	22.64	22.79
5	QPSK	1	24	22.20	22.38	22.47
5	QPSK	12	0	22.48	22.57	22.54
5	QPSK	12	7	22.54	22.45	22.53
5	QPSK	12	13	22.26	22.32	22.44
5	QPSK	25	0	22.23	22.25	22.52
5	16QAM	1	0	22.44	22.59	22.71
5	16QAM	1	12	22.56	22.78	22.93
5	16QAM	1	24	22.54	22.75	22.57
5	16QAM	12	0	22.08	22.48	22.64
5	16QAM	12	7	22.33	22.52	22.65
5	16QAM	12	13	22.42	22.34	22.48
5	16QAM	25	0	22.25	22.24	22.59
5	64QAM	1	0	22.19	22.25	22.24
5	64QAM	1	12	22.13	22.48	22.51
5	64QAM	1	24	22.25	22.31	22.03
5	64QAM	12	0	22.38	22.33	22.52
5	64QAM	12	7	22.41	22.60	22.74
5	64QAM	12	13	22.31	22.41	22.43
5	64QAM	25	0	22.29	22.47	22.60



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	22.46	22.52	22.57
3	QPSK	1	8	22.43	22.32	22.55
3	QPSK	1	14	22.01	22.33	22.32
3	QPSK	8	0	22.01	22.41	22.51
3	QPSK	8	4	22.28	22.34	22.24
3	QPSK	8	7	22.53	22.45	22.44
3	QPSK	15	0	22.40	22.52	22.61
3	16QAM	1	0	22.42	22.51	22.57
3	16QAM	1	8	22.17	22.37	22.64
3	16QAM	1	14	22.47	22.63	22.38
3	16QAM	8	0	22.35	22.44	22.70
3	16QAM	8	4	22.52	22.45	22.66
3	16QAM	8	7	22.23	22.56	22.75
3	16QAM	15	0	22.13	22.37	22.44
3	64QAM	1	0	22.04	22.08	22.32
3	64QAM	1	8	22.04	22.05	22.09
3	64QAM	1	14	21.86	22.14	22.19
3	64QAM	8	0	22.28	22.48	22.64
3	64QAM	8	4	22.39	22.25	22.28
3	64QAM	8	7	22.15	22.55	22.61
3	64QAM	15	0	22.55	22.30	22.57



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	22.40	22.39	22.55
1.4	QPSK	1	3	22.44	22.38	22.50
1.4	QPSK	1	5	22.44	22.40	22.48
1.4	QPSK	3	0	22.50	22.41	22.64
1.4	QPSK	3	1	22.56	22.62	22.60
1.4	QPSK	3	3	22.47	22.56	22.48
1.4	QPSK	6	0	22.46	22.56	22.57
1.4	16QAM	1	0	22.20	22.69	22.58
1.4	16QAM	1	3	22.29	22.52	22.85
1.4	16QAM	1	5	22.13	22.56	22.53
1.4	16QAM	3	0	22.55	22.20	22.39
1.4	16QAM	3	1	22.49	22.34	22.20
1.4	16QAM	3	3	22.56	22.30	22.43
1.4	16QAM	6	0	22.41	22.35	22.28
1.4	64QAM	1	0	21.99	22.29	22.38
1.4	64QAM	1	3	22.05	22.23	22.42
1.4	64QAM	1	5	21.68	22.23	22.38
1.4	64QAM	3	0	22.47	22.22	22.48
1.4	64QAM	3	1	22.66	22.20	22.61
1.4	64QAM	3	3	22.64	22.31	22.42
1.4	64QAM	6	0	22.58	22.43	22.30



LTE Band 41 (Power Class 2)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39750	40620	41490
Frequency (MHz)				2506	2593	2680
20	QPSK	1	0	25.24	25.27	25.23
20	QPSK	1	49	25.07	25.11	25.19
20	QPSK	1	99	25.08	25.15	25.11
20	QPSK	50	0	24.17	24.23	24.18
20	QPSK	50	24	23.99	24.07	24.00
20	QPSK	50	50	24.01	24.04	24.05
20	QPSK	100	0	24.13	24.06	24.10
20	16QAM	1	0	24.30	24.32	24.27
20	16QAM	1	49	24.25	24.20	24.27
20	16QAM	1	99	24.28	24.30	24.23
20	16QAM	50	0	23.31	23.36	23.31
20	16QAM	50	24	23.21	23.35	23.32
20	16QAM	50	50	23.28	23.32	23.22
20	16QAM	100	0	23.25	23.18	23.26
20	64QAM	1	0	23.29	23.42	23.39
20	64QAM	1	49	23.33	23.25	23.37
20	64QAM	1	99	23.38	23.21	23.28
20	64QAM	50	0	22.29	22.36	22.26
20	64QAM	50	24	22.28	22.21	22.21
20	64QAM	50	50	22.26	22.08	22.28
20	64QAM	100	0	22.21	22.13	22.25



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	25.18	25.24	25.22
15	QPSK	1	37	25.20	25.16	25.17
15	QPSK	1	74	25.13	25.14	25.06
15	QPSK	36	0	24.09	24.18	24.13
15	QPSK	36	20	24.14	24.09	24.13
15	QPSK	36	39	23.96	24.15	23.95
15	QPSK	75	0	24.06	24.12	23.99
15	16QAM	1	0	24.27	24.37	24.36
15	16QAM	1	37	24.32	24.24	24.22
15	16QAM	1	74	24.21	24.24	24.26
15	16QAM	36	0	23.28	23.31	23.26
15	16QAM	36	20	23.27	23.20	23.25
15	16QAM	36	39	23.22	23.26	23.28
15	16QAM	75	0	23.29	23.22	23.28
15	64QAM	1	0	23.37	23.34	23.27
15	64QAM	1	37	23.31	23.33	23.29
15	64QAM	1	74	23.26	23.28	23.23
15	64QAM	36	0	22.26	22.37	22.31
15	64QAM	36	20	22.29	22.29	22.23
15	64QAM	36	39	22.31	22.32	22.12
15	64QAM	75	0	22.20	22.21	22.25



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	25.18	25.22	25.15
10	QPSK	1	25	25.04	25.00	25.01
10	QPSK	1	49	25.11	25.18	25.20
10	QPSK	25	0	24.05	24.24	24.22
10	QPSK	25	12	23.99	24.09	23.98
10	QPSK	25	25	24.01	24.12	23.99
10	QPSK	50	0	24.00	24.01	24.01
10	16QAM	1	0	24.29	24.47	24.43
10	16QAM	1	25	24.34	24.42	24.19
10	16QAM	1	49	24.23	24.20	24.24
10	16QAM	25	0	23.28	23.29	23.29
10	16QAM	25	12	23.23	23.33	23.26
10	16QAM	25	25	23.28	23.39	23.36
10	16QAM	50	0	23.23	23.17	23.26
10	64QAM	1	0	23.32	23.26	23.36
10	64QAM	1	25	23.25	23.20	23.17
10	64QAM	1	49	23.23	23.19	23.24
10	64QAM	25	0	22.23	22.33	22.31
10	64QAM	25	12	22.18	22.18	22.35
10	64QAM	25	25	22.24	22.11	22.32
10	64QAM	50	0	22.22	22.12	22.35



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	25.20	25.21	25.05
5	QPSK	1	12	25.12	25.05	25.00
5	QPSK	1	24	25.13	25.15	25.00
5	QPSK	12	0	24.06	24.14	25.13
5	QPSK	12	7	24.05	24.11	24.02
5	QPSK	12	13	24.09	24.02	24.12
5	QPSK	25	0	23.97	23.96	24.00
5	16QAM	1	0	24.50	24.33	24.40
5	16QAM	1	12	24.38	24.41	24.25
5	16QAM	1	24	24.33	24.21	24.24
5	16QAM	12	0	23.45	23.32	23.45
5	16QAM	12	7	23.23	23.26	23.35
5	16QAM	12	13	23.16	23.21	23.26
5	16QAM	25	0	23.23	23.22	23.23
5	64QAM	1	0	23.37	23.34	23.38
5	64QAM	1	12	23.23	23.39	23.39
5	64QAM	1	24	23.17	23.21	23.42
5	64QAM	12	0	22.32	22.38	22.29
5	64QAM	12	7	22.19	22.19	22.32
5	64QAM	12	13	22.31	22.30	22.25
5	64QAM	25	0	22.40	22.33	22.38



LTE Band 41 (Power Class 3)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39750	40620	41490
Frequency (MHz)				2506	2593	2680
20	QPSK	1	0	22.14	22.18	22.13
20	QPSK	1	49	21.97	22.01	22.09
20	QPSK	1	99	21.98	22.05	22.01
20	QPSK	50	0	21.07	21.13	21.08
20	QPSK	50	24	20.89	20.97	20.90
20	QPSK	50	50	20.91	20.94	20.95
20	QPSK	100	0	21.03	20.96	21.00
20	16QAM	1	0	21.20	21.22	21.17
20	16QAM	1	49	21.15	21.10	21.17
20	16QAM	1	99	21.18	21.20	21.13
20	16QAM	50	0	20.21	20.26	20.21
20	16QAM	50	24	20.11	20.25	20.22
20	16QAM	50	50	20.18	20.22	20.12
20	16QAM	100	0	20.15	20.08	20.16
20	64QAM	1	0	20.19	20.32	20.29
20	64QAM	1	49	20.23	20.15	20.27
20	64QAM	1	99	20.28	20.11	20.18
20	64QAM	50	0	19.19	19.26	19.16
20	64QAM	50	24	19.18	19.11	19.11
20	64QAM	50	50	19.16	18.98	19.18
20	64QAM	100	0	19.11	19.03	19.15



LTE Band 41 (Power Class 3)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39725	40620	41515
Frequency (MHz)				2503.5	2593	2682.5
15	QPSK	1	0	22.08	22.14	22.12
15	QPSK	1	37	22.10	22.06	22.07
15	QPSK	1	74	22.03	22.04	21.96
15	QPSK	36	0	20.99	21.08	21.03
15	QPSK	36	20	21.04	20.99	21.03
15	QPSK	36	39	20.86	21.05	20.85
15	QPSK	75	0	20.96	21.02	20.89
15	16QAM	1	0	21.17	21.27	21.26
15	16QAM	1	37	21.22	21.14	21.12
15	16QAM	1	74	21.11	21.14	21.16
15	16QAM	36	0	20.18	20.21	20.16
15	16QAM	36	20	20.17	20.10	20.15
15	16QAM	36	39	20.12	20.16	20.18
15	16QAM	75	0	20.19	20.12	20.18
15	64QAM	1	0	20.27	20.24	20.17
15	64QAM	1	37	20.21	20.23	20.19
15	64QAM	1	74	20.16	20.18	20.13
15	64QAM	36	0	19.16	19.27	19.21
15	64QAM	36	20	19.19	19.19	19.13
15	64QAM	36	39	19.21	19.22	19.02
15	64QAM	75	0	19.10	19.11	19.15



LTE Band 41 (Power Class 3)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39700	40620	41540
Frequency (MHz)				2501	2593	2685
10	QPSK	1	0	22.08	22.12	22.05
10	QPSK	1	25	21.94	21.90	21.91
10	QPSK	1	49	22.01	22.08	22.10
10	QPSK	25	0	20.95	21.14	21.12
10	QPSK	25	12	20.89	20.99	20.88
10	QPSK	25	25	20.91	21.02	20.89
10	QPSK	50	0	20.90	20.91	20.91
10	16QAM	1	0	21.19	21.37	21.33
10	16QAM	1	25	21.24	21.32	21.09
10	16QAM	1	49	21.13	21.10	21.14
10	16QAM	25	0	20.18	20.19	20.19
10	16QAM	25	12	20.13	20.23	20.16
10	16QAM	25	25	20.18	20.29	20.26
10	16QAM	50	0	20.13	20.07	20.16
10	64QAM	1	0	20.22	20.16	20.26
10	64QAM	1	25	20.15	20.10	20.07
10	64QAM	1	49	20.13	20.09	20.14
10	64QAM	25	0	19.13	19.23	19.21
10	64QAM	25	12	19.08	19.08	19.25
10	64QAM	25	25	19.14	19.01	19.22
10	64QAM	50	0	19.12	19.02	19.25



LTE Band 41 (Power Class 3)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39675	40620	41565
Frequency (MHz)				2498.5	2593	2687.5
5	QPSK	1	0	22.10	22.11	21.95
5	QPSK	1	12	22.02	21.95	21.90
5	QPSK	1	24	22.03	22.05	21.90
5	QPSK	12	0	20.96	21.04	22.03
5	QPSK	12	7	20.95	21.01	20.92
5	QPSK	12	13	20.99	20.92	21.02
5	QPSK	25	0	20.87	20.86	20.90
5	16QAM	1	0	21.40	21.23	21.30
5	16QAM	1	12	21.28	21.31	21.15
5	16QAM	1	24	21.23	21.11	21.14
5	16QAM	12	0	20.35	20.22	20.35
5	16QAM	12	7	20.13	20.16	20.25
5	16QAM	12	13	20.06	20.11	20.16
5	16QAM	25	0	20.13	20.12	20.13
5	64QAM	1	0	20.27	20.24	20.28
5	64QAM	1	12	20.13	20.29	20.29
5	64QAM	1	24	20.07	20.11	20.32
5	64QAM	12	0	19.22	19.28	19.19
5	64QAM	12	7	19.09	19.09	19.22
5	64QAM	12	13	19.21	19.20	19.15
5	64QAM	25	0	19.30	19.23	19.28



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	23.23	23.28	23.22
20	QPSK	1	49	23.07	23.14	22.99
20	QPSK	1	99	23.08	23.19	23.17
20	QPSK	50	0	22.19	22.24	22.15
20	QPSK	50	24	22.07	22.15	22.09
20	QPSK	50	50	21.98	22.12	22.01
20	QPSK	100	0	22.10	21.97	22.12
20	16QAM	1	0	22.16	22.24	22.16
20	16QAM	1	49	22.17	22.22	22.12
20	16QAM	1	99	22.10	22.09	22.23
20	16QAM	50	0	21.20	21.29	21.26
20	16QAM	50	24	21.13	21.25	21.08
20	16QAM	50	50	21.22	21.24	21.12
20	16QAM	100	0	21.12	21.14	21.13
20	64QAM	1	0	21.18	21.34	21.25
20	64QAM	1	49	21.20	21.14	21.14
20	64QAM	1	99	21.15	21.09	21.05
20	64QAM	50	0	20.25	20.18	20.14
20	64QAM	50	24	20.16	20.20	20.00
20	64QAM	50	50	20.24	20.05	20.01
20	64QAM	100	0	20.17	20.16	20.08



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	23.07	23.14	23.04
15	QPSK	1	37	22.86	22.97	22.86
15	QPSK	1	74	22.94	23.09	22.85
15	QPSK	36	0	21.92	22.03	21.92
15	QPSK	36	20	21.94	22.02	21.97
15	QPSK	36	39	21.95	21.87	21.80
15	QPSK	75	0	21.80	21.82	21.90
15	16QAM	1	0	22.25	22.29	22.20
15	16QAM	1	37	22.25	22.25	22.17
15	16QAM	1	74	22.15	22.27	22.10
15	16QAM	36	0	21.16	21.15	21.18
15	16QAM	36	20	21.13	21.12	21.23
15	16QAM	36	39	21.22	21.14	21.15
15	16QAM	75	0	21.24	21.23	21.26
15	64QAM	1	0	21.22	21.28	21.20
15	64QAM	1	37	21.12	21.16	21.03
15	64QAM	1	74	21.25	21.11	21.21
15	64QAM	36	0	20.06	20.23	20.14
15	64QAM	36	20	20.17	20.02	20.04
15	64QAM	36	39	20.01	20.16	20.15
15	64QAM	75	0	20.13	20.04	20.21



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	23.05	23.11	23.04
10	QPSK	1	25	22.84	23.08	23.00
10	QPSK	1	49	22.95	23.00	23.05
10	QPSK	25	0	22.00	22.09	21.93
10	QPSK	25	12	21.97	21.91	21.85
10	QPSK	25	25	21.91	21.94	21.86
10	QPSK	50	0	21.97	21.91	21.90
10	16QAM	1	0	22.12	22.29	22.20
10	16QAM	1	25	22.20	22.06	22.26
10	16QAM	1	49	22.14	22.21	22.24
10	16QAM	25	0	21.20	21.29	21.24
10	16QAM	25	12	21.12	21.23	21.21
10	16QAM	25	25	21.07	21.03	21.10
10	16QAM	50	0	21.21	21.20	21.18
10	64QAM	1	0	21.24	21.12	21.21
10	64QAM	1	25	21.20	21.06	21.15
10	64QAM	1	49	21.18	21.19	21.16
10	64QAM	25	0	20.10	20.12	20.22
10	64QAM	25	12	20.04	20.18	20.18
10	64QAM	25	25	20.13	20.07	20.01
10	64QAM	50	0	20.05	19.97	20.10



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	23.05	23.09	23.04
5	QPSK	1	12	23.03	22.85	22.88
5	QPSK	1	24	22.89	22.99	22.99
5	QPSK	12	0	21.92	22.08	22.04
5	QPSK	12	7	21.98	22.04	22.02
5	QPSK	12	13	21.91	21.94	21.93
5	QPSK	25	0	21.82	21.80	21.96
5	16QAM	1	0	22.26	22.31	22.24
5	16QAM	1	12	22.10	22.13	22.09
5	16QAM	1	24	22.21	22.22	22.11
5	16QAM	12	0	21.18	21.12	21.18
5	16QAM	12	7	21.05	21.13	21.11
5	16QAM	12	13	21.19	21.10	21.10
5	16QAM	25	0	21.15	21.20	21.15
5	64QAM	1	0	21.20	21.27	21.28
5	64QAM	1	12	21.19	21.20	21.02
5	64QAM	1	24	21.21	21.02	21.25
5	64QAM	12	0	20.23	20.24	20.04
5	64QAM	12	7	20.02	20.10	20.08
5	64QAM	12	13	20.03	20.04	20.01
5	64QAM	25	0	20.05	20.22	20.16



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	23.06	23.12	23.09
3	QPSK	1	8	22.89	23.09	23.05
3	QPSK	1	14	23.00	23.02	23.04
3	QPSK	8	0	21.97	21.99	21.83
3	QPSK	8	4	21.85	21.80	21.81
3	QPSK	8	7	21.83	21.83	21.76
3	QPSK	15	0	21.90	21.91	22.00
3	16QAM	1	0	22.16	22.19	22.24
3	16QAM	1	8	22.20	22.19	22.20
3	16QAM	1	14	22.15	22.23	22.26
3	16QAM	8	0	21.10	21.10	21.22
3	16QAM	8	4	21.13	21.22	21.07
3	16QAM	8	7	21.05	21.12	21.22
3	16QAM	15	0	21.18	21.24	21.22
3	64QAM	1	0	21.21	21.32	21.22
3	64QAM	1	8	21.17	21.13	21.23
3	64QAM	1	14	21.21	21.02	21.08
3	64QAM	8	0	20.10	20.14	20.20
3	64QAM	8	4	20.04	20.15	20.09
3	64QAM	8	7	20.26	20.13	20.01
3	64QAM	15	0	20.25	20.13	20.15



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	23.00	23.10	22.90
1.4	QPSK	1	3	23.01	22.88	22.99
1.4	QPSK	1	5	22.96	22.88	23.02
1.4	QPSK	3	0	21.90	22.09	21.98
1.4	QPSK	3	1	21.92	21.91	21.84
1.4	QPSK	3	3	21.84	21.88	21.89
1.4	QPSK	6	0	21.84	21.87	21.94
1.4	16QAM	1	0	22.26	22.27	22.22
1.4	16QAM	1	3	22.05	22.23	22.09
1.4	16QAM	1	5	22.13	22.25	22.16
1.4	16QAM	3	0	21.16	21.25	21.23
1.4	16QAM	3	1	21.07	21.15	21.22
1.4	16QAM	3	3	21.16	21.14	21.07
1.4	16QAM	6	0	21.01	21.05	21.03
1.4	64QAM	1	0	21.16	21.14	21.19
1.4	64QAM	1	3	21.08	21.21	21.17
1.4	64QAM	1	5	21.07	21.10	21.22
1.4	64QAM	3	0	20.16	20.05	20.11
1.4	64QAM	3	1	20.03	20.09	20.09
1.4	64QAM	3	3	20.04	19.99	19.96
1.4	64QAM	6	0	20.07	20.02	20.01



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	23.10	23.21	23.19
20	QPSK	1	49	23.02	23.18	23.09
20	QPSK	1	99	23.07	23.10	23.03
20	QPSK	50	0	22.16	22.18	22.08
20	QPSK	50	24	21.94	21.94	21.98
20	QPSK	50	50	22.03	21.95	22.02
20	QPSK	100	0	22.07	21.92	21.92
20	16QAM	1	0	22.28	22.41	22.33
20	16QAM	1	49	22.30	22.38	22.37
20	16QAM	1	99	22.32	22.29	22.32
20	16QAM	50	0	21.24	21.27	21.25
20	16QAM	50	24	21.19	21.31	21.28
20	16QAM	50	50	21.22	21.26	21.18
20	16QAM	100	0	21.18	21.31	21.31
20	64QAM	1	0	21.31	21.39	21.23
20	64QAM	1	49	21.35	21.29	21.17
20	64QAM	1	99	21.15	21.25	21.28
20	64QAM	50	0	20.30	20.37	20.29
20	64QAM	50	24	20.36	20.28	20.09
20	64QAM	50	50	20.22	20.07	20.17
20	64QAM	100	0	20.34	20.34	20.12



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	23.13	23.18	23.08
15	QPSK	1	37	23.12	23.12	23.00
15	QPSK	1	74	23.05	23.10	23.03
15	QPSK	36	0	22.09	22.17	22.13
15	QPSK	36	20	22.03	22.13	22.05
15	QPSK	36	39	21.97	22.04	21.95
15	QPSK	75	0	22.03	21.98	22.01
15	16QAM	1	0	22.30	22.37	22.25
15	16QAM	1	37	22.19	22.31	22.33
15	16QAM	1	74	22.31	22.33	22.20
15	16QAM	36	0	21.32	21.34	21.24
15	16QAM	36	20	21.27	21.28	21.20
15	16QAM	36	39	21.22	21.22	21.20
15	16QAM	75	0	21.38	21.36	21.29
15	64QAM	1	0	21.37	21.41	21.31
15	64QAM	1	37	21.33	21.40	21.30
15	64QAM	1	74	21.36	21.22	21.30
15	64QAM	36	0	20.31	20.35	20.25
15	64QAM	36	20	20.21	20.33	20.23
15	64QAM	36	39	20.25	20.25	20.11
15	64QAM	75	0	20.28	20.34	20.13



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	23.15	23.19	23.12
10	QPSK	1	25	23.03	23.10	23.08
10	QPSK	1	49	23.04	23.11	23.06
10	QPSK	25	0	22.15	22.17	22.05
10	QPSK	25	12	22.09	22.09	22.05
10	QPSK	25	25	22.04	22.09	21.88
10	QPSK	50	0	22.09	21.93	21.93
10	16QAM	1	0	22.27	22.42	22.36
10	16QAM	1	25	22.28	22.31	22.30
10	16QAM	1	49	22.24	22.31	22.24
10	16QAM	25	0	21.23	21.37	21.32
10	16QAM	25	12	21.28	21.35	21.30
10	16QAM	25	25	21.33	21.27	21.32
10	16QAM	50	0	21.23	21.22	21.18
10	64QAM	1	0	21.29	21.43	21.39
10	64QAM	1	25	21.34	21.28	21.40
10	64QAM	1	49	21.29	21.13	21.26
10	64QAM	25	0	20.27	20.38	20.29
10	64QAM	25	12	20.33	20.33	20.17
10	64QAM	25	25	20.20	20.25	20.31
10	64QAM	50	0	20.19	20.24	20.16



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	23.13	23.17	23.12
5	QPSK	1	12	23.12	23.16	23.04
5	QPSK	1	24	23.02	23.04	23.09
5	QPSK	12	0	22.08	22.10	22.05
5	QPSK	12	7	22.00	22.04	22.08
5	QPSK	12	13	22.03	22.02	21.87
5	QPSK	25	0	22.01	21.90	22.09
5	16QAM	1	0	22.41	22.47	22.26
5	16QAM	1	12	22.27	22.37	22.38
5	16QAM	1	24	22.31	22.21	22.31
5	16QAM	12	0	21.26	21.32	21.31
5	16QAM	12	7	21.22	21.30	21.30
5	16QAM	12	13	21.27	21.27	21.21
5	16QAM	25	0	21.22	21.38	21.26
5	64QAM	1	0	21.31	21.35	21.28
5	64QAM	1	12	21.23	21.36	21.30
5	64QAM	1	24	21.28	21.31	21.33
5	64QAM	12	0	20.25	20.39	20.18
5	64QAM	12	7	20.36	20.19	20.16
5	64QAM	12	13	20.37	20.10	20.26
5	64QAM	25	0	20.22	20.33	20.22

**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	21.82	0.152	21.91	0.155	21.78	0.151
20	QPSK	1	49	21.74	0.149	21.80	0.151	21.70	0.148
20	QPSK	1	99	21.76	0.150	21.82	0.152	21.73	0.149
20	QPSK	50	0	20.75	0.119	20.83	0.121	20.71	0.118
20	QPSK	50	24	20.71	0.118	20.76	0.119	20.67	0.117
20	QPSK	50	50	20.64	0.116	20.72	0.118	20.60	0.115
20	QPSK	100	0	20.67	0.117	20.70	0.117	20.64	0.116
20	16QAM	1	0	21.03	0.127	21.09	0.129	20.99	0.126
20	16QAM	1	49	20.96	0.125	21.01	0.126	20.91	0.123
20	16QAM	1	99	20.97	0.125	20.98	0.125	20.93	0.124
20	16QAM	50	0	19.99	0.100	20.00	0.100	19.94	0.099
20	16QAM	50	24	19.96	0.099	19.98	0.100	19.89	0.097
20	16QAM	50	50	19.90	0.098	19.97	0.099	19.86	0.097
20	16QAM	100	0	19.92	0.098	19.95	0.099	19.90	0.098
20	64QAM	1	0	20.04	0.101	20.06	0.101	19.97	0.099
20	64QAM	1	49	19.97	0.099	19.94	0.099	19.89	0.097
20	64QAM	1	99	19.91	0.098	19.94	0.099	19.93	0.098
20	64QAM	50	0	18.97	0.079	18.99	0.079	18.92	0.078
20	64QAM	50	24	18.90	0.078	18.95	0.079	18.83	0.076
20	64QAM	50	50	18.92	0.078	18.89	0.077	18.80	0.076
20	64QAM	100	0	18.91	0.078	18.93	0.078	18.86	0.077



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	21.80	0.151	21.89	0.155	21.73	0.149
15	QPSK	1	37	21.71	0.148	21.79	0.151	21.71	0.148
15	QPSK	1	74	21.75	0.150	21.82	0.152	21.67	0.147
15	QPSK	36	0	20.85	0.122	20.86	0.122	20.77	0.119
15	QPSK	36	20	20.64	0.116	20.63	0.116	20.62	0.115
15	QPSK	36	39	20.61	0.115	20.70	0.117	20.60	0.115
15	QPSK	75	0	20.67	0.117	20.67	0.117	20.69	0.117
15	16QAM	1	0	21.03	0.127	21.07	0.128	21.01	0.126
15	16QAM	1	37	20.82	0.121	21.04	0.127	20.93	0.124
15	16QAM	1	74	21.02	0.126	20.91	0.123	21.00	0.126
15	16QAM	36	0	19.91	0.098	19.97	0.099	19.94	0.099
15	16QAM	36	20	19.89	0.097	20.07	0.102	19.86	0.097
15	16QAM	36	39	19.90	0.098	19.86	0.097	19.83	0.096
15	16QAM	75	0	19.88	0.097	19.96	0.099	19.86	0.097
15	64QAM	1	0	19.91	0.098	19.98	0.100	19.89	0.097
15	64QAM	1	37	19.94	0.099	19.84	0.096	19.91	0.098
15	64QAM	1	74	19.92	0.098	19.79	0.095	19.93	0.098
15	64QAM	36	0	18.97	0.079	19.00	0.079	18.92	0.078
15	64QAM	36	20	18.91	0.078	18.96	0.079	18.86	0.077
15	64QAM	36	39	18.94	0.078	18.92	0.078	18.71	0.074
15	64QAM	75	0	18.92	0.078	18.90	0.078	18.77	0.075



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	21.85	0.153	21.86	0.153	21.74	0.149
10	QPSK	1	25	21.84	0.153	21.82	0.152	21.67	0.147
10	QPSK	1	49	21.79	0.151	21.74	0.149	21.65	0.146
10	QPSK	25	0	20.77	0.119	20.83	0.121	20.77	0.119
10	QPSK	25	12	20.63	0.116	20.70	0.117	20.72	0.118
10	QPSK	25	25	20.74	0.119	20.72	0.118	20.70	0.117
10	QPSK	50	0	20.72	0.118	20.64	0.116	20.59	0.115
10	16QAM	1	0	20.99	0.126	21.02	0.126	20.99	0.126
10	16QAM	1	25	20.93	0.124	20.89	0.123	20.96	0.125
10	16QAM	1	49	20.96	0.125	20.98	0.125	20.97	0.125
10	16QAM	25	0	20.08	0.102	20.09	0.102	20.04	0.101
10	16QAM	25	12	19.90	0.098	19.88	0.097	19.88	0.097
10	16QAM	25	25	19.92	0.098	20.06	0.101	19.95	0.099
10	16QAM	50	0	19.98	0.100	19.89	0.097	19.84	0.096
10	64QAM	1	0	19.89	0.097	20.11	0.103	19.85	0.097
10	64QAM	1	25	19.86	0.097	19.89	0.097	19.98	0.100
10	64QAM	1	49	19.89	0.097	19.97	0.099	19.99	0.100
10	64QAM	25	0	18.87	0.077	19.01	0.080	18.96	0.079
10	64QAM	25	12	18.77	0.075	18.99	0.079	18.90	0.078
10	64QAM	25	25	18.95	0.079	18.97	0.079	18.79	0.076
10	64QAM	50	0	19.00	0.079	18.88	0.077	18.81	0.076



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	21.80	0.151	21.87	0.154	21.79	0.151
5	QPSK	1	12	21.70	0.148	21.67	0.147	21.67	0.147
5	QPSK	1	24	21.76	0.150	21.69	0.148	21.68	0.147
5	QPSK	12	0	20.78	0.120	20.81	0.121	20.64	0.116
5	QPSK	12	7	20.58	0.114	20.74	0.119	20.60	0.115
5	QPSK	12	13	20.54	0.113	20.66	0.116	20.56	0.114
5	QPSK	25	0	20.63	0.116	20.80	0.120	20.60	0.115
5	16QAM	1	0	21.01	0.126	21.08	0.128	20.95	0.124
5	16QAM	1	12	21.05	0.127	21.03	0.127	20.93	0.124
5	16QAM	1	24	20.89	0.123	20.89	0.123	20.93	0.124
5	16QAM	12	0	19.87	0.097	19.92	0.098	19.82	0.096
5	16QAM	12	7	19.83	0.096	19.98	0.100	19.83	0.096
5	16QAM	12	13	19.79	0.095	20.01	0.100	19.81	0.096
5	16QAM	25	0	19.90	0.098	20.01	0.100	19.84	0.096
5	64QAM	1	0	20.13	0.103	20.02	0.100	19.88	0.097
5	64QAM	1	12	20.03	0.101	19.89	0.097	19.94	0.099
5	64QAM	1	24	19.91	0.098	19.85	0.097	19.88	0.097
5	64QAM	12	0	18.93	0.078	18.91	0.078	18.85	0.077
5	64QAM	12	7	18.76	0.075	19.02	0.080	18.82	0.076
5	64QAM	12	13	18.85	0.077	18.89	0.077	18.81	0.076
5	64QAM	25	0	18.87	0.077	19.01	0.080	18.76	0.075



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	21.77	0.150	21.85	0.153	21.81	0.152
3	QPSK	1	8	21.73	0.149	21.77	0.150	21.79	0.151
3	QPSK	1	14	21.73	0.149	21.74	0.149	21.76	0.150
3	QPSK	8	0	20.83	0.121	20.89	0.123	20.62	0.115
3	QPSK	8	4	20.66	0.116	20.73	0.118	20.69	0.117
3	QPSK	8	7	20.68	0.117	20.59	0.115	20.64	0.116
3	QPSK	15	0	20.74	0.119	20.62	0.115	20.61	0.115
3	16QAM	1	0	21.03	0.127	21.11	0.129	21.01	0.126
3	16QAM	1	8	20.95	0.124	20.93	0.124	20.93	0.124
3	16QAM	1	14	20.85	0.122	21.05	0.127	20.88	0.122
3	16QAM	8	0	20.03	0.101	20.00	0.100	19.91	0.098
3	16QAM	8	4	19.84	0.096	19.92	0.098	19.80	0.095
3	16QAM	8	7	19.87	0.097	19.82	0.096	19.79	0.095
3	16QAM	15	0	19.81	0.096	19.95	0.099	20.00	0.100
3	64QAM	1	0	20.03	0.101	20.01	0.100	19.98	0.100
3	64QAM	1	8	19.82	0.096	19.96	0.099	19.83	0.096
3	64QAM	1	14	20.00	0.100	19.89	0.097	19.89	0.097
3	64QAM	8	0	18.89	0.077	18.98	0.079	18.95	0.079
3	64QAM	8	4	18.87	0.077	18.95	0.079	18.82	0.076
3	64QAM	8	7	18.99	0.079	18.75	0.075	18.83	0.076
3	64QAM	15	0	18.79	0.076	18.89	0.077	18.75	0.075



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	21.76	0.150	21.84	0.153	21.78	0.151
1.4	QPSK	1	3	21.81	0.152	21.90	0.155	21.76	0.150
1.4	QPSK	1	5	21.75	0.150	21.88	0.154	21.58	0.144
1.4	QPSK	3	0	20.61	0.115	20.86	0.122	20.70	0.117
1.4	QPSK	3	1	20.61	0.115	20.81	0.121	20.59	0.115
1.4	QPSK	3	3	20.56	0.114	20.75	0.119	20.67	0.117
1.4	QPSK	6	0	20.71	0.118	20.58	0.114	20.70	0.117
1.4	16QAM	1	0	20.92	0.124	21.11	0.129	21.09	0.129
1.4	16QAM	1	3	20.85	0.122	20.95	0.124	20.90	0.123
1.4	16QAM	1	5	20.97	0.125	20.99	0.126	20.92	0.124
1.4	16QAM	3	0	20.00	0.100	20.10	0.102	19.94	0.099
1.4	16QAM	3	1	19.93	0.098	19.87	0.097	19.88	0.097
1.4	16QAM	3	3	19.92	0.098	19.98	0.100	19.91	0.098
1.4	16QAM	6	0	19.80	0.095	19.93	0.098	19.96	0.099
1.4	64QAM	1	0	20.04	0.101	20.01	0.100	19.87	0.097
1.4	64QAM	1	3	19.84	0.096	19.85	0.097	19.92	0.098
1.4	64QAM	1	5	20.01	0.100	20.03	0.101	19.95	0.099
1.4	64QAM	3	0	19.02	0.080	18.85	0.077	19.02	0.080
1.4	64QAM	3	1	18.97	0.079	19.01	0.080	18.87	0.077
1.4	64QAM	3	3	18.88	0.077	18.88	0.077	18.87	0.077
1.4	64QAM	6	0	18.85	0.077	18.92	0.078	18.94	0.078



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	22.09	0.162	22.16	0.164	22.08	0.161
20	QPSK	1	49	22.07	0.161	22.08	0.161	21.94	0.156
20	QPSK	1	99	22.06	0.161	22.06	0.161	22.07	0.161
20	QPSK	50	0	21.11	0.129	21.14	0.130	20.99	0.126
20	QPSK	50	24	20.99	0.126	20.91	0.123	21.05	0.127
20	QPSK	50	50	20.91	0.123	21.04	0.127	20.95	0.124
20	QPSK	100	0	20.84	0.121	21.08	0.128	20.91	0.123
20	16QAM	1	0	21.30	0.135	21.35	0.136	21.21	0.132
20	16QAM	1	49	21.10	0.129	21.29	0.135	21.06	0.128
20	16QAM	1	99	21.18	0.131	21.12	0.129	21.30	0.135
20	16QAM	50	0	20.35	0.108	20.30	0.107	20.33	0.108
20	16QAM	50	24	20.23	0.105	20.22	0.105	20.15	0.104
20	16QAM	50	50	20.14	0.103	20.26	0.106	20.20	0.105
20	16QAM	100	0	20.31	0.107	20.20	0.105	20.21	0.105
20	64QAM	1	0	20.31	0.107	20.37	0.109	20.36	0.109
20	64QAM	1	49	20.28	0.107	20.36	0.109	20.27	0.106
20	64QAM	1	99	20.11	0.103	20.19	0.104	20.22	0.105
20	64QAM	50	0	19.20	0.083	19.26	0.084	19.22	0.084
20	64QAM	50	24	19.07	0.081	19.16	0.082	19.22	0.084
20	64QAM	50	50	19.08	0.081	19.03	0.080	19.08	0.081
20	64QAM	100	0	19.26	0.084	19.07	0.081	19.18	0.083



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	22.01	0.159	22.13	0.163	22.07	0.161
15	QPSK	1	37	22.04	0.160	22.11	0.163	21.99	0.158
15	QPSK	1	74	21.99	0.158	22.06	0.161	22.03	0.160
15	QPSK	36	0	21.10	0.129	21.13	0.130	21.04	0.127
15	QPSK	36	20	21.09	0.129	21.00	0.126	20.84	0.121
15	QPSK	36	39	20.88	0.122	21.10	0.129	20.94	0.124
15	QPSK	75	0	21.04	0.127	20.84	0.121	20.89	0.123
15	16QAM	1	0	21.33	0.136	21.39	0.138	21.37	0.137
15	16QAM	1	37	21.24	0.133	21.23	0.133	21.28	0.134
15	16QAM	1	74	21.27	0.134	21.22	0.132	21.26	0.134
15	16QAM	36	0	20.17	0.104	20.35	0.108	20.30	0.107
15	16QAM	36	20	20.21	0.105	20.34	0.108	20.14	0.103
15	16QAM	36	39	20.18	0.104	20.27	0.106	20.18	0.104
15	16QAM	75	0	20.15	0.104	20.16	0.104	20.06	0.101
15	64QAM	1	0	20.31	0.107	20.32	0.108	20.26	0.106
15	64QAM	1	37	20.30	0.107	20.17	0.104	20.20	0.105
15	64QAM	1	74	20.20	0.105	20.20	0.105	20.21	0.105
15	64QAM	36	0	19.34	0.086	19.37	0.086	19.26	0.084
15	64QAM	36	20	19.08	0.081	19.11	0.081	19.18	0.083
15	64QAM	36	39	19.13	0.082	19.25	0.084	19.07	0.081
15	64QAM	75	0	19.23	0.084	19.32	0.086	19.07	0.081



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	22.13	0.163	22.14	0.164	22.07	0.161
10	QPSK	1	25	22.10	0.162	22.05	0.160	21.87	0.154
10	QPSK	1	49	22.11	0.163	22.02	0.159	22.06	0.161
10	QPSK	25	0	20.99	0.126	21.06	0.128	20.94	0.124
10	QPSK	25	12	20.93	0.124	21.04	0.127	20.87	0.122
10	QPSK	25	25	21.02	0.126	20.87	0.122	20.89	0.123
10	QPSK	50	0	20.82	0.121	21.00	0.126	21.01	0.126
10	16QAM	1	0	21.20	0.132	21.34	0.136	21.29	0.135
10	16QAM	1	25	21.23	0.133	21.30	0.135	21.24	0.133
10	16QAM	1	49	21.12	0.129	21.27	0.134	21.25	0.133
10	16QAM	25	0	20.25	0.106	20.29	0.107	20.12	0.103
10	16QAM	25	12	20.22	0.105	20.20	0.105	20.16	0.104
10	16QAM	25	25	20.10	0.102	20.22	0.105	20.11	0.103
10	16QAM	50	0	20.22	0.105	20.14	0.103	20.09	0.102
10	64QAM	1	0	20.30	0.107	20.34	0.108	20.26	0.106
10	64QAM	1	25	20.28	0.107	20.33	0.108	20.25	0.106
10	64QAM	1	49	20.07	0.102	20.11	0.103	20.16	0.104
10	64QAM	25	0	19.11	0.081	19.16	0.082	19.08	0.081
10	64QAM	25	12	19.20	0.083	19.27	0.085	19.22	0.084
10	64QAM	25	25	19.24	0.084	19.22	0.084	19.13	0.082
10	64QAM	50	0	19.18	0.083	19.32	0.086	19.12	0.082



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	21.99	0.158	22.11	0.163	21.95	0.157
5	QPSK	1	12	21.93	0.156	22.03	0.160	21.86	0.153
5	QPSK	1	24	21.93	0.156	22.08	0.161	21.90	0.155
5	QPSK	12	0	20.96	0.125	21.16	0.131	21.04	0.127
5	QPSK	12	7	21.01	0.126	21.06	0.128	20.88	0.122
5	QPSK	12	13	20.95	0.124	20.90	0.123	20.87	0.122
5	QPSK	25	0	21.00	0.126	20.85	0.122	20.82	0.121
5	16QAM	1	0	21.22	0.132	21.27	0.134	21.24	0.133
5	16QAM	1	12	21.11	0.129	21.25	0.133	21.09	0.129
5	16QAM	1	24	21.11	0.129	21.14	0.130	21.19	0.132
5	16QAM	12	0	20.23	0.105	20.28	0.107	20.18	0.104
5	16QAM	12	7	20.22	0.105	20.27	0.106	20.28	0.107
5	16QAM	12	13	20.22	0.105	20.11	0.103	20.06	0.101
5	16QAM	25	0	20.13	0.103	20.16	0.104	20.18	0.104
5	64QAM	1	0	20.25	0.106	20.26	0.106	20.20	0.105
5	64QAM	1	12	20.24	0.106	20.26	0.106	20.19	0.104
5	64QAM	1	24	20.08	0.102	20.25	0.106	20.20	0.105
5	64QAM	12	0	19.22	0.084	19.19	0.083	19.20	0.083
5	64QAM	12	7	19.08	0.081	19.18	0.083	19.10	0.081
5	64QAM	12	13	19.20	0.083	19.05	0.080	18.96	0.079
5	64QAM	25	0	19.10	0.081	19.12	0.082	19.16	0.082



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	22.07	0.161	22.13	0.163	22.07	0.161
3	QPSK	1	8	22.10	0.162	22.06	0.161	22.06	0.161
3	QPSK	1	14	22.03	0.160	22.08	0.161	21.92	0.156
3	QPSK	8	0	21.11	0.129	21.12	0.129	21.01	0.126
3	QPSK	8	4	21.01	0.126	21.05	0.127	21.01	0.126
3	QPSK	8	7	20.96	0.125	20.96	0.125	20.92	0.124
3	QPSK	15	0	21.04	0.127	20.90	0.123	20.81	0.121
3	16QAM	1	0	21.32	0.136	21.39	0.138	21.23	0.133
3	16QAM	1	8	21.10	0.129	21.15	0.130	21.29	0.135
3	16QAM	1	14	21.24	0.133	21.34	0.136	21.17	0.131
3	16QAM	8	0	20.23	0.105	20.25	0.106	20.18	0.104
3	16QAM	8	4	20.29	0.107	20.19	0.104	20.20	0.105
3	16QAM	8	7	20.12	0.103	20.21	0.105	20.17	0.104
3	16QAM	15	0	20.11	0.103	20.27	0.106	20.09	0.102
3	64QAM	1	0	20.33	0.108	20.34	0.108	20.16	0.104
3	64QAM	1	8	20.25	0.106	20.15	0.104	20.18	0.104
3	64QAM	1	14	20.28	0.107	20.14	0.103	20.26	0.106
3	64QAM	8	0	19.23	0.084	19.24	0.084	19.25	0.084
3	64QAM	8	4	19.29	0.085	19.22	0.084	19.20	0.083
3	64QAM	8	7	19.08	0.081	19.04	0.080	19.09	0.081
3	64QAM	15	0	19.06	0.081	19.26	0.084	19.00	0.079



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	22.09	0.162	22.12	0.163	21.93	0.156
1.4	QPSK	1	3	21.91	0.155	22.01	0.159	22.02	0.159
1.4	QPSK	1	5	21.94	0.156	22.00	0.158	22.00	0.158
1.4	QPSK	3	0	21.11	0.129	21.15	0.130	20.98	0.125
1.4	QPSK	3	1	20.89	0.123	21.09	0.129	21.01	0.126
1.4	QPSK	3	3	21.00	0.126	20.89	0.123	20.87	0.122
1.4	QPSK	6	0	21.01	0.126	21.07	0.128	20.83	0.121
1.4	16QAM	1	0	21.39	0.138	21.23	0.133	21.27	0.134
1.4	16QAM	1	3	21.10	0.129	21.38	0.137	21.22	0.132
1.4	16QAM	1	5	21.36	0.137	21.15	0.130	21.31	0.135
1.4	16QAM	3	0	20.22	0.105	20.31	0.107	20.16	0.104
1.4	16QAM	3	1	20.32	0.108	20.18	0.104	20.17	0.104
1.4	16QAM	3	3	20.06	0.101	20.34	0.108	20.07	0.102
1.4	16QAM	6	0	20.25	0.106	20.23	0.105	20.18	0.104
1.4	64QAM	1	0	20.19	0.104	20.23	0.105	20.21	0.105
1.4	64QAM	1	3	20.27	0.106	20.20	0.105	20.06	0.101
1.4	64QAM	1	5	20.26	0.106	20.11	0.103	20.16	0.104
1.4	64QAM	3	0	19.20	0.083	19.25	0.084	19.18	0.083
1.4	64QAM	3	1	19.11	0.081	19.21	0.083	18.97	0.079
1.4	64QAM	3	3	19.21	0.083	19.03	0.080	19.03	0.080
1.4	64QAM	6	0	19.12	0.082	19.28	0.085	19.02	0.080



LTE Band 5				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20450		20525		20600	
Frequency (MHz)				829		836.5		844	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	19.57	0.091	19.63	0.092	19.51	0.089
10	QPSK	1	25	19.44	0.088	19.55	0.090	19.40	0.087
10	QPSK	1	49	19.51	0.089	19.52	0.090	19.44	0.088
10	QPSK	25	0	18.47	0.070	18.52	0.071	18.44	0.070
10	QPSK	25	12	18.42	0.070	18.43	0.070	18.41	0.069
10	QPSK	25	25	18.49	0.071	18.48	0.070	18.45	0.070
10	QPSK	50	0	18.38	0.069	18.45	0.070	18.36	0.069
10	16QAM	1	0	18.74	0.075	18.77	0.075	18.65	0.073
10	16QAM	1	25	18.58	0.072	18.76	0.075	18.64	0.073
10	16QAM	1	49	18.76	0.075	18.75	0.075	18.62	0.073
10	16QAM	25	0	17.67	0.058	17.70	0.059	17.66	0.058
10	16QAM	25	12	17.63	0.058	17.60	0.058	17.65	0.058
10	16QAM	25	25	17.62	0.058	17.60	0.058	17.58	0.057
10	16QAM	50	0	17.68	0.059	17.69	0.059	17.60	0.058
10	64QAM	1	0	17.71	0.059	17.74	0.059	17.68	0.059
10	64QAM	1	25	17.66	0.058	17.66	0.058	17.62	0.058
10	64QAM	1	49	17.72	0.059	17.61	0.058	17.58	0.057
10	64QAM	25	0	16.64	0.046	16.71	0.047	16.65	0.046
10	64QAM	25	12	16.60	0.046	16.66	0.046	16.56	0.045
10	64QAM	25	25	16.58	0.045	16.63	0.046	16.55	0.045
10	64QAM	50	0	16.55	0.045	16.64	0.046	16.54	0.045



LTE Band 5				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20425		20525		20625	
Frequency (MHz)				826.5		836.5		846.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	19.54	0.090	19.61	0.091	19.45	0.088
5	QPSK	1	12	19.34	0.086	19.44	0.088	19.44	0.088
5	QPSK	1	24	19.48	0.089	19.52	0.090	19.42	0.087
5	QPSK	12	0	18.40	0.069	18.55	0.072	18.40	0.069
5	QPSK	12	7	18.41	0.069	18.35	0.068	18.42	0.070
5	QPSK	12	13	18.33	0.068	18.31	0.068	18.34	0.068
5	QPSK	25	0	18.34	0.068	18.45	0.070	18.39	0.069
5	16QAM	1	0	18.85	0.077	18.84	0.077	18.72	0.074
5	16QAM	1	12	18.61	0.073	18.63	0.073	18.75	0.075
5	16QAM	1	24	18.60	0.072	18.71	0.074	18.67	0.074
5	16QAM	12	0	17.73	0.059	17.74	0.059	17.65	0.058
5	16QAM	12	7	17.66	0.058	17.72	0.059	17.71	0.059
5	16QAM	12	13	17.55	0.057	17.64	0.058	17.60	0.058
5	16QAM	25	0	17.68	0.059	17.64	0.058	17.57	0.057
5	64QAM	1	0	17.78	0.060	17.82	0.061	17.77	0.060
5	64QAM	1	12	17.64	0.058	17.68	0.059	17.63	0.058
5	64QAM	1	24	17.66	0.058	17.64	0.058	17.61	0.058
5	64QAM	12	0	16.68	0.047	16.74	0.047	16.70	0.047
5	64QAM	12	7	16.64	0.046	16.61	0.046	16.51	0.045
5	64QAM	12	13	16.58	0.045	16.65	0.046	16.53	0.045
5	64QAM	25	0	16.62	0.046	16.60	0.046	16.56	0.045



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	19.48	0.089	19.57	0.091	19.45	0.088
3	QPSK	1	8	19.44	0.088	19.36	0.086	19.36	0.086
3	QPSK	1	14	19.42	0.087	19.44	0.088	19.39	0.087
3	QPSK	8	0	18.44	0.070	18.51	0.071	18.43	0.070
3	QPSK	8	4	18.34	0.068	18.32	0.068	18.41	0.069
3	QPSK	8	7	18.41	0.069	18.30	0.068	18.24	0.067
3	QPSK	15	0	18.27	0.067	18.44	0.070	18.31	0.068
3	16QAM	1	0	18.64	0.073	18.76	0.075	18.62	0.073
3	16QAM	1	8	18.56	0.072	18.67	0.074	18.63	0.073
3	16QAM	1	14	18.65	0.073	18.68	0.074	18.68	0.074
3	16QAM	8	0	17.60	0.058	17.69	0.059	17.61	0.058
3	16QAM	8	4	17.59	0.057	17.63	0.058	17.52	0.056
3	16QAM	8	7	17.64	0.058	17.60	0.058	17.58	0.057
3	16QAM	15	0	17.66	0.058	17.63	0.058	17.57	0.057
3	64QAM	1	0	17.72	0.059	17.79	0.060	17.66	0.058
3	64QAM	1	8	17.61	0.058	17.65	0.058	17.63	0.058
3	64QAM	1	14	17.70	0.059	17.66	0.058	17.68	0.059
3	64QAM	8	0	16.66	0.046	16.71	0.047	16.66	0.046
3	64QAM	8	4	16.61	0.046	16.64	0.046	16.69	0.047
3	64QAM	8	7	16.63	0.046	16.67	0.046	16.56	0.045
3	64QAM	15	0	16.60	0.046	16.60	0.046	16.57	0.045



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	19.51	0.089	19.58	0.091	19.45	0.088
1.4	QPSK	1	3	19.38	0.087	19.50	0.089	19.37	0.086
1.4	QPSK	1	5	19.41	0.087	19.44	0.088	19.41	0.087
1.4	QPSK	3	0	18.42	0.070	18.57	0.072	18.50	0.071
1.4	QPSK	3	1	18.53	0.071	18.50	0.071	18.39	0.069
1.4	QPSK	3	3	18.37	0.069	18.49	0.071	18.26	0.067
1.4	QPSK	6	0	18.45	0.070	18.34	0.068	18.33	0.068
1.4	16QAM	1	0	18.64	0.073	18.77	0.075	18.71	0.074
1.4	16QAM	1	3	18.65	0.073	18.61	0.073	18.69	0.074
1.4	16QAM	1	5	18.72	0.074	18.57	0.072	18.66	0.073
1.4	16QAM	3	0	17.80	0.060	17.58	0.057	17.67	0.058
1.4	16QAM	3	1	17.70	0.059	17.60	0.058	17.62	0.058
1.4	16QAM	3	3	17.65	0.058	17.74	0.059	17.62	0.058
1.4	16QAM	6	0	17.62	0.058	17.66	0.058	17.65	0.058
1.4	64QAM	1	0	17.65	0.058	17.69	0.059	17.68	0.059
1.4	64QAM	1	3	17.69	0.059	17.63	0.058	17.70	0.059
1.4	64QAM	1	5	17.64	0.058	17.67	0.058	17.61	0.058
1.4	64QAM	3	0	16.59	0.046	16.76	0.047	16.62	0.046
1.4	64QAM	3	1	16.69	0.047	16.61	0.046	16.57	0.045
1.4	64QAM	3	3	16.58	0.045	16.54	0.045	16.48	0.044
1.4	64QAM	6	0	16.70	0.047	16.63	0.046	16.64	0.046



LTE Band 12				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23060		23095		23130	
Frequency (MHz)				704		707.5		711	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	18.80	0.076	18.86	0.077	18.83	0.076
10	QPSK	1	25	18.78	0.076	18.76	0.075	18.71	0.074
10	QPSK	1	49	18.77	0.075	18.74	0.075	18.76	0.075
10	QPSK	25	0	17.79	0.060	17.88	0.061	17.82	0.061
10	QPSK	25	12	17.75	0.060	17.62	0.058	17.80	0.060
10	QPSK	25	25	17.58	0.057	17.81	0.060	17.73	0.059
10	QPSK	50	0	17.59	0.057	17.70	0.059	17.72	0.059
10	16QAM	1	0	17.88	0.061	17.93	0.062	17.88	0.061
10	16QAM	1	25	17.85	0.061	17.86	0.061	17.89	0.062
10	16QAM	1	49	17.79	0.060	17.87	0.061	17.78	0.060
10	16QAM	25	0	16.92	0.049	16.96	0.050	16.89	0.049
10	16QAM	25	12	16.83	0.048	16.86	0.049	16.90	0.049
10	16QAM	25	25	16.90	0.049	16.85	0.048	16.81	0.048
10	16QAM	50	0	16.85	0.048	16.84	0.048	16.83	0.048
10	64QAM	1	0	16.97	0.050	16.98	0.050	16.97	0.050
10	64QAM	1	25	16.92	0.049	16.83	0.048	16.85	0.048
10	64QAM	1	49	16.87	0.049	16.87	0.049	16.89	0.049
10	64QAM	25	0	15.85	0.038	15.93	0.039	15.92	0.039
10	64QAM	25	12	15.91	0.039	15.80	0.038	15.83	0.038
10	64QAM	25	25	15.86	0.039	15.86	0.039	15.85	0.038
10	64QAM	50	0	15.87	0.039	15.79	0.038	15.86	0.039



LTE Band 12				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23035		23095		23155	
Frequency (MHz)				701.5		707.5		713.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	18.77	0.075	18.83	0.076	18.80	0.076
5	QPSK	1	12	18.69	0.074	18.82	0.076	18.63	0.073
5	QPSK	1	24	18.80	0.076	18.77	0.075	18.74	0.075
5	QPSK	12	0	17.67	0.058	17.84	0.061	17.65	0.058
5	QPSK	12	7	17.78	0.060	17.77	0.060	17.77	0.060
5	QPSK	12	13	17.62	0.058	17.75	0.060	17.64	0.058
5	QPSK	25	0	17.65	0.058	17.67	0.058	17.63	0.058
5	16QAM	1	0	17.93	0.062	18.01	0.063	17.93	0.062
5	16QAM	1	12	17.94	0.062	18.00	0.063	17.96	0.063
5	16QAM	1	24	17.89	0.062	17.85	0.061	17.90	0.062
5	16QAM	12	0	17.07	0.051	17.08	0.051	17.05	0.051
5	16QAM	12	7	16.95	0.050	17.03	0.050	17.00	0.050
5	16QAM	12	13	16.93	0.049	17.05	0.051	16.90	0.049
5	16QAM	25	0	16.86	0.049	16.84	0.048	16.96	0.050
5	64QAM	1	0	16.92	0.049	17.02	0.050	16.97	0.050
5	64QAM	1	12	16.97	0.050	16.86	0.049	16.94	0.049
5	64QAM	1	24	16.93	0.049	16.90	0.049	16.86	0.049
5	64QAM	12	0	15.89	0.039	15.98	0.040	15.91	0.039
5	64QAM	12	7	15.82	0.038	15.96	0.039	15.75	0.038
5	64QAM	12	13	15.84	0.038	15.83	0.038	15.90	0.039
5	64QAM	25	0	15.91	0.039	15.87	0.039	15.90	0.039



LTE Band 12				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23025		23095		23165	
Frequency (MHz)				700.5		707.5		714.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	18.76	0.075	18.82	0.076	18.80	0.076
3	QPSK	1	8	18.71	0.074	18.80	0.076	18.78	0.076
3	QPSK	1	14	18.66	0.073	18.77	0.075	18.70	0.074
3	QPSK	8	0	17.78	0.060	17.81	0.060	17.70	0.059
3	QPSK	8	4	17.71	0.059	17.76	0.060	17.79	0.060
3	QPSK	8	7	17.66	0.058	17.61	0.058	17.67	0.058
3	QPSK	15	0	17.77	0.060	17.61	0.058	17.65	0.058
3	16QAM	1	0	17.92	0.062	17.98	0.063	17.85	0.061
3	16QAM	1	8	17.89	0.062	17.87	0.061	17.92	0.062
3	16QAM	1	14	17.96	0.063	17.95	0.062	17.89	0.062
3	16QAM	8	0	16.84	0.048	16.94	0.049	16.83	0.048
3	16QAM	8	4	16.86	0.049	16.88	0.049	16.84	0.048
3	16QAM	8	7	16.84	0.048	16.85	0.048	16.83	0.048
3	16QAM	15	0	16.82	0.048	16.87	0.049	16.85	0.048
3	64QAM	1	0	17.17	0.052	17.12	0.052	17.06	0.051
3	64QAM	1	8	16.86	0.049	16.93	0.049	16.91	0.049
3	64QAM	1	14	16.94	0.049	16.93	0.049	17.00	0.050
3	64QAM	8	0	15.90	0.039	15.86	0.039	15.85	0.038
3	64QAM	8	4	15.91	0.039	15.82	0.038	15.78	0.038
3	64QAM	8	7	15.90	0.039	15.87	0.039	15.74	0.037
3	64QAM	15	0	15.81	0.038	15.88	0.039	15.95	0.039



LTE Band 12				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23017		23095		23173	
Frequency (MHz)				699.7		707.5		715.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	18.77	0.075	18.81	0.076	18.78	0.076
1.4	QPSK	1	3	18.70	0.074	18.77	0.075	18.73	0.075
1.4	QPSK	1	5	18.75	0.075	18.71	0.074	18.76	0.075
1.4	QPSK	3	0	17.75	0.060	17.81	0.060	17.79	0.060
1.4	QPSK	3	1	17.77	0.060	17.66	0.058	17.64	0.058
1.4	QPSK	3	3	17.63	0.058	17.63	0.058	17.72	0.059
1.4	QPSK	6	0	17.71	0.059	17.77	0.060	17.73	0.059
1.4	16QAM	1	0	17.87	0.061	17.97	0.063	17.89	0.062
1.4	16QAM	1	3	17.90	0.062	17.94	0.062	17.89	0.062
1.4	16QAM	1	5	17.95	0.062	17.90	0.062	17.95	0.062
1.4	16QAM	3	0	17.00	0.050	17.01	0.050	16.91	0.049
1.4	16QAM	3	1	16.86	0.049	16.97	0.050	16.89	0.049
1.4	16QAM	3	3	16.98	0.050	16.94	0.049	16.78	0.048
1.4	16QAM	6	0	16.88	0.049	16.89	0.049	16.87	0.049
1.4	64QAM	1	0	16.87	0.049	16.94	0.049	16.94	0.049
1.4	64QAM	1	3	16.86	0.049	16.82	0.048	16.85	0.048
1.4	64QAM	1	5	16.84	0.048	16.83	0.048	16.86	0.049
1.4	64QAM	3	0	15.91	0.039	16.02	0.040	15.96	0.039
1.4	64QAM	3	1	15.93	0.039	16.01	0.040	15.87	0.039
1.4	64QAM	3	3	15.81	0.038	15.85	0.038	15.84	0.038
1.4	64QAM	6	0	15.94	0.039	15.96	0.039	15.83	0.038



LTE Band 17				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23780		23790		23800	
Frequency (MHz)				709		710		711	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	18.66	0.073	18.70	0.074	18.63	0.073
10	QPSK	1	25	18.64	0.073	18.67	0.074	18.61	0.073
10	QPSK	1	49	18.56	0.072	18.60	0.072	18.55	0.072
10	QPSK	25	0	17.67	0.058	17.73	0.059	17.59	0.057
10	QPSK	25	12	17.51	0.056	17.66	0.058	17.71	0.059
10	QPSK	25	25	17.65	0.058	17.64	0.058	17.52	0.056
10	QPSK	50	0	17.52	0.056	17.42	0.055	17.66	0.058
10	16QAM	1	0	17.84	0.061	17.91	0.062	17.86	0.061
10	16QAM	1	25	17.79	0.060	17.83	0.061	17.87	0.061
10	16QAM	1	49	17.74	0.059	17.76	0.060	17.88	0.061
10	16QAM	25	0	16.83	0.048	16.82	0.048	16.81	0.048
10	16QAM	25	12	16.77	0.048	16.73	0.047	16.84	0.048
10	16QAM	25	25	16.80	0.048	16.78	0.048	16.81	0.048
10	16QAM	50	0	16.81	0.048	16.82	0.048	16.75	0.047
10	64QAM	1	0	16.83	0.048	16.90	0.049	16.91	0.049
10	64QAM	1	25	16.89	0.049	16.88	0.049	16.78	0.048
10	64QAM	1	49	16.80	0.048	16.87	0.049	16.75	0.047
10	64QAM	25	0	15.88	0.039	15.89	0.039	15.82	0.038
10	64QAM	25	12	15.82	0.038	15.76	0.038	15.64	0.037
10	64QAM	25	25	15.73	0.037	15.76	0.038	15.75	0.038
10	64QAM	50	0	15.88	0.039	15.77	0.038	15.87	0.039



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	18.62	0.073	18.67	0.074	18.64	0.073
5	QPSK	1	12	18.65	0.073	18.64	0.073	18.59	0.072
5	QPSK	1	24	18.57	0.072	18.63	0.073	18.51	0.071
5	QPSK	12	0	17.62	0.058	17.65	0.058	17.51	0.056
5	QPSK	12	7	17.55	0.057	17.63	0.058	17.64	0.058
5	QPSK	12	13	17.57	0.057	17.64	0.058	17.60	0.058
5	QPSK	25	0	17.44	0.055	17.58	0.057	17.49	0.056
5	16QAM	1	0	17.78	0.060	17.86	0.061	17.82	0.061
5	16QAM	1	12	17.76	0.060	17.82	0.061	17.73	0.059
5	16QAM	1	24	17.73	0.059	17.75	0.060	17.79	0.060
5	16QAM	12	0	16.79	0.048	16.83	0.048	16.82	0.048
5	16QAM	12	7	16.71	0.047	16.75	0.047	16.77	0.048
5	16QAM	12	13	16.77	0.048	16.77	0.048	16.81	0.048
5	16QAM	25	0	16.73	0.047	16.82	0.048	16.77	0.048
5	64QAM	1	0	16.81	0.048	16.92	0.049	16.86	0.049
5	64QAM	1	12	16.74	0.047	16.88	0.049	16.69	0.047
5	64QAM	1	24	16.89	0.049	16.76	0.047	16.84	0.048
5	64QAM	12	0	15.79	0.038	15.87	0.039	15.79	0.038
5	64QAM	12	7	15.85	0.038	15.67	0.037	15.70	0.037
5	64QAM	12	13	15.78	0.038	15.85	0.038	15.75	0.038
5	64QAM	25	0	15.83	0.038	15.85	0.038	15.79	0.038



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	21.93	0.156	21.97	0.157	21.94	0.156
20	QPSK	1	49	21.84	0.153	21.90	0.155	21.89	0.155
20	QPSK	1	99	21.88	0.154	21.86	0.153	21.86	0.153
20	QPSK	50	0	20.89	0.123	20.91	0.123	20.86	0.122
20	QPSK	50	24	20.63	0.116	20.83	0.121	20.79	0.120
20	QPSK	50	50	20.67	0.117	20.80	0.120	20.77	0.119
20	QPSK	100	0	20.73	0.118	20.76	0.119	20.73	0.118
20	16QAM	1	0	20.93	0.124	20.98	0.125	20.96	0.125
20	16QAM	1	49	20.91	0.123	20.78	0.120	20.75	0.119
20	16QAM	1	99	20.97	0.125	20.86	0.122	20.86	0.122
20	16QAM	50	0	19.89	0.097	19.96	0.099	19.76	0.095
20	16QAM	50	24	19.94	0.099	19.94	0.099	19.83	0.096
20	16QAM	50	50	19.91	0.098	19.88	0.097	19.82	0.096
20	16QAM	100	0	19.75	0.094	19.85	0.097	19.76	0.095
20	64QAM	1	0	19.89	0.097	19.84	0.096	19.80	0.095
20	64QAM	1	49	19.76	0.095	19.86	0.097	19.90	0.098
20	64QAM	1	99	19.68	0.093	19.87	0.097	19.73	0.094
20	64QAM	50	0	18.99	0.079	18.88	0.077	18.97	0.079
20	64QAM	50	24	18.81	0.076	18.74	0.075	18.79	0.076
20	64QAM	50	50	18.71	0.074	18.76	0.075	18.79	0.076
20	64QAM	100	0	18.70	0.074	18.87	0.077	18.81	0.076



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	21.76	0.150	21.79	0.151	21.75	0.150
15	QPSK	1	37	21.60	0.145	21.54	0.143	21.65	0.146
15	QPSK	1	74	21.63	0.146	21.55	0.143	21.61	0.145
15	QPSK	36	0	20.63	0.116	20.77	0.119	20.75	0.119
15	QPSK	36	20	20.60	0.115	20.60	0.115	20.58	0.114
15	QPSK	36	39	20.50	0.112	20.61	0.115	20.50	0.112
15	QPSK	75	0	20.61	0.115	20.65	0.116	20.45	0.111
15	16QAM	1	0	20.83	0.121	20.94	0.124	20.79	0.120
15	16QAM	1	37	20.88	0.122	20.98	0.125	20.82	0.121
15	16QAM	1	74	20.75	0.119	20.84	0.121	20.94	0.124
15	16QAM	36	0	19.80	0.095	19.73	0.094	19.99	0.100
15	16QAM	36	20	19.85	0.097	19.88	0.097	19.76	0.095
15	16QAM	36	39	19.78	0.095	19.87	0.097	19.77	0.095
15	16QAM	75	0	19.82	0.096	19.68	0.093	19.72	0.094
15	64QAM	1	0	19.85	0.097	19.96	0.099	19.79	0.095
15	64QAM	1	37	19.95	0.099	19.82	0.096	19.94	0.099
15	64QAM	1	74	19.80	0.095	19.67	0.093	19.82	0.096
15	64QAM	36	0	18.90	0.078	18.73	0.075	18.79	0.076
15	64QAM	36	20	18.73	0.075	18.68	0.074	18.84	0.077
15	64QAM	36	39	18.75	0.075	18.73	0.075	18.75	0.075
15	64QAM	75	0	18.82	0.076	18.82	0.076	18.66	0.073



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	21.71	0.148	21.78	0.151	21.75	0.150
10	QPSK	1	25	21.66	0.147	21.72	0.149	21.63	0.146
10	QPSK	1	49	21.61	0.145	21.65	0.146	21.66	0.147
10	QPSK	25	0	20.72	0.118	20.79	0.120	20.71	0.118
10	QPSK	25	12	20.58	0.114	20.67	0.117	20.53	0.113
10	QPSK	25	25	20.66	0.116	20.66	0.116	20.63	0.116
10	QPSK	50	0	20.57	0.114	20.68	0.117	20.64	0.116
10	16QAM	1	0	20.90	0.123	20.93	0.124	20.89	0.123
10	16QAM	1	25	20.79	0.120	20.83	0.121	20.93	0.124
10	16QAM	1	49	20.77	0.119	20.71	0.118	20.77	0.119
10	16QAM	25	0	19.87	0.097	19.92	0.098	19.95	0.099
10	16QAM	25	12	19.75	0.094	19.86	0.097	19.80	0.095
10	16QAM	25	25	19.68	0.093	19.85	0.097	19.77	0.095
10	16QAM	50	0	19.89	0.097	19.92	0.098	19.79	0.095
10	64QAM	1	0	19.83	0.096	19.93	0.098	19.92	0.098
10	64QAM	1	25	19.79	0.095	19.78	0.095	19.88	0.097
10	64QAM	1	49	19.86	0.097	19.75	0.094	19.86	0.097
10	64QAM	25	0	18.91	0.078	18.95	0.079	18.80	0.076
10	64QAM	25	12	18.74	0.075	18.68	0.074	18.84	0.077
10	64QAM	25	25	18.84	0.077	18.80	0.076	18.70	0.074
10	64QAM	50	0	18.89	0.077	18.86	0.077	18.85	0.077



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	21.73	0.149	21.76	0.150	21.71	0.148
5	QPSK	1	12	21.72	0.149	21.69	0.148	21.54	0.143
5	QPSK	1	24	21.72	0.149	21.59	0.144	21.62	0.145
5	QPSK	12	0	20.61	0.115	20.76	0.119	20.70	0.117
5	QPSK	12	7	20.71	0.118	20.62	0.115	20.58	0.114
5	QPSK	12	13	20.49	0.112	20.51	0.112	20.46	0.111
5	QPSK	25	0	20.55	0.114	20.54	0.113	20.65	0.116
5	16QAM	1	0	20.82	0.121	20.86	0.122	20.84	0.121
5	16QAM	1	12	20.80	0.120	20.84	0.121	20.78	0.120
5	16QAM	1	24	20.78	0.120	20.77	0.119	20.83	0.121
5	16QAM	12	0	19.82	0.096	19.89	0.097	19.96	0.099
5	16QAM	12	7	19.85	0.097	19.76	0.095	19.75	0.094
5	16QAM	12	13	19.74	0.094	19.80	0.095	19.90	0.098
5	16QAM	25	0	19.77	0.095	19.67	0.093	19.92	0.098
5	64QAM	1	0	20.03	0.101	19.88	0.097	19.92	0.098
5	64QAM	1	12	19.83	0.096	19.72	0.094	19.89	0.097
5	64QAM	1	24	19.90	0.098	19.87	0.097	19.83	0.096
5	64QAM	12	0	18.74	0.075	18.91	0.078	18.94	0.078
5	64QAM	12	7	18.70	0.074	18.88	0.077	18.75	0.075
5	64QAM	12	13	18.73	0.075	18.62	0.073	18.77	0.075
5	64QAM	25	0	18.82	0.076	18.73	0.075	18.77	0.075



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	21.74	0.149	21.77	0.150	21.69	0.148
3	QPSK	1	8	21.72	0.149	21.74	0.149	21.59	0.144
3	QPSK	1	14	21.73	0.149	21.63	0.146	21.58	0.144
3	QPSK	8	0	20.58	0.114	20.75	0.119	20.67	0.117
3	QPSK	8	4	20.64	0.116	20.73	0.118	20.52	0.113
3	QPSK	8	7	20.57	0.114	20.61	0.115	20.50	0.112
3	QPSK	15	0	20.68	0.117	20.66	0.116	20.64	0.116
3	16QAM	1	0	20.91	0.123	20.94	0.124	20.91	0.123
3	16QAM	1	8	20.86	0.122	20.74	0.119	20.72	0.118
3	16QAM	1	14	20.87	0.122	20.90	0.123	20.78	0.120
3	16QAM	8	0	19.90	0.098	19.90	0.098	19.86	0.097
3	16QAM	8	4	19.78	0.095	19.88	0.097	19.92	0.098
3	16QAM	8	7	19.88	0.097	19.80	0.095	19.91	0.098
3	16QAM	15	0	19.84	0.096	19.69	0.093	19.86	0.097
3	64QAM	1	0	19.90	0.098	19.80	0.095	19.94	0.099
3	64QAM	1	8	19.83	0.096	19.89	0.097	19.84	0.096
3	64QAM	1	14	19.75	0.094	19.79	0.095	19.75	0.094
3	64QAM	8	0	18.89	0.077	18.82	0.076	18.75	0.075
3	64QAM	8	4	18.71	0.074	18.86	0.077	18.86	0.077
3	64QAM	8	7	18.85	0.077	18.67	0.074	18.80	0.076
3	64QAM	15	0	18.80	0.076	18.85	0.077	18.85	0.077



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	21.66	0.147	21.75	0.150	21.71	0.148
1.4	QPSK	1	3	21.72	0.149	21.55	0.143	21.67	0.147
1.4	QPSK	1	5	21.64	0.146	21.68	0.147	21.71	0.148
1.4	QPSK	3	0	20.75	0.119	20.59	0.115	20.71	0.118
1.4	QPSK	3	1	20.59	0.115	20.48	0.112	20.57	0.114
1.4	QPSK	3	3	20.53	0.113	20.69	0.117	20.54	0.113
1.4	QPSK	6	0	20.57	0.114	20.64	0.116	20.52	0.113
1.4	16QAM	1	0	21.03	0.127	20.96	0.125	20.90	0.123
1.4	16QAM	1	3	20.84	0.121	20.94	0.124	20.91	0.123
1.4	16QAM	1	5	20.99	0.126	20.81	0.121	20.91	0.123
1.4	16QAM	3	0	19.94	0.099	19.95	0.099	19.88	0.097
1.4	16QAM	3	1	19.85	0.097	19.80	0.095	19.76	0.095
1.4	16QAM	3	3	19.73	0.094	19.93	0.098	19.66	0.092
1.4	16QAM	6	0	19.74	0.094	19.82	0.096	19.85	0.097
1.4	64QAM	1	0	19.92	0.098	19.89	0.097	19.82	0.096
1.4	64QAM	1	3	19.75	0.094	19.78	0.095	19.70	0.093
1.4	64QAM	1	5	19.88	0.097	19.66	0.092	19.87	0.097
1.4	64QAM	3	0	18.97	0.079	18.83	0.076	18.78	0.076
1.4	64QAM	3	1	18.86	0.077	18.71	0.074	18.80	0.076
1.4	64QAM	3	3	18.70	0.074	18.83	0.076	18.84	0.077
1.4	64QAM	6	0	18.68	0.074	18.90	0.078	18.90	0.078



LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26865		26915		26965	
Frequency (MHz)				831.5		836.5		841.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	18.68	0.074	18.64	0.073	18.74	0.075
15	QPSK	1	37	19.00	0.079	18.68	0.074	18.64	0.073
15	QPSK	1	74	18.53	0.071	18.62	0.073	18.85	0.077
15	QPSK	36	0	18.81	0.076	18.91	0.078	18.87	0.077
15	QPSK	36	20	18.89	0.077	18.91	0.078	18.90	0.078
15	QPSK	36	39	18.86	0.077	18.88	0.077	18.61	0.073
15	QPSK	75	0	18.73	0.075	18.87	0.077	18.85	0.077
15	16QAM	1	0	18.70	0.074	18.48	0.070	18.84	0.077
15	16QAM	1	37	18.83	0.076	19.13	0.082	19.29	0.085
15	16QAM	1	74	18.78	0.076	18.68	0.074	18.94	0.078
15	16QAM	36	0	18.85	0.077	18.91	0.078	18.74	0.075
15	16QAM	36	20	18.64	0.073	18.79	0.076	18.82	0.076
15	16QAM	36	39	18.87	0.077	18.78	0.076	18.49	0.071
15	16QAM	75	0	18.83	0.076	18.93	0.078	18.76	0.075
15	64QAM	1	0	18.45	0.070	18.41	0.069	18.67	0.074
15	64QAM	1	37	18.39	0.069	18.56	0.072	18.87	0.077
15	64QAM	1	74	18.50	0.071	18.34	0.068	18.69	0.074
15	64QAM	36	0	18.59	0.072	18.93	0.078	18.53	0.071
15	64QAM	36	20	18.79	0.076	18.95	0.079	18.75	0.075
15	64QAM	36	39	18.79	0.076	18.82	0.076	18.43	0.070
15	64QAM	75	0	18.75	0.075	18.90	0.078	18.77	0.075



LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26840		26915		26990	
Frequency (MHz)				829.0		836.5		844.0	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	18.73	0.075	18.72	0.074	18.88	0.077
10	QPSK	1	25	18.77	0.075	18.71	0.074	18.83	0.076
10	QPSK	1	49	18.77	0.075	18.73	0.075	18.81	0.076
10	QPSK	25	0	18.83	0.076	18.74	0.075	18.97	0.079
10	QPSK	25	12	18.89	0.077	18.95	0.079	18.93	0.078
10	QPSK	25	25	18.80	0.076	18.89	0.077	18.81	0.076
10	QPSK	50	0	18.79	0.076	18.89	0.077	18.90	0.078
10	16QAM	1	0	18.53	0.071	19.02	0.080	18.91	0.078
10	16QAM	1	25	18.62	0.073	18.85	0.077	19.18	0.083
10	16QAM	1	49	18.46	0.070	18.89	0.077	18.86	0.077
10	16QAM	25	0	18.88	0.077	18.53	0.071	18.72	0.074
10	16QAM	25	12	18.82	0.076	18.67	0.074	18.53	0.071
10	16QAM	25	25	18.89	0.077	18.63	0.073	18.76	0.075
10	16QAM	50	0	18.74	0.075	18.68	0.074	18.61	0.073
10	64QAM	1	0	18.32	0.068	18.62	0.073	18.71	0.074
10	64QAM	1	25	18.38	0.069	18.56	0.072	18.75	0.075
10	64QAM	1	49	18.01	0.063	18.56	0.072	18.71	0.074
10	64QAM	25	0	18.80	0.076	18.55	0.072	18.81	0.076
10	64QAM	25	12	18.99	0.079	18.53	0.071	18.94	0.078
10	64QAM	25	25	18.97	0.079	18.64	0.073	18.75	0.075
10	64QAM	50	0	18.91	0.078	18.76	0.075	18.63	0.073



LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26815		26915		27015	
Frequency (MHz)				826.5		836.5		846.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	18.69	0.074	18.74	0.075	18.75	0.075
5	QPSK	1	12	18.67	0.074	18.97	0.079	19.12	0.082
5	QPSK	1	24	18.53	0.071	18.71	0.074	18.80	0.076
5	QPSK	12	0	18.81	0.076	18.90	0.078	18.87	0.077
5	QPSK	12	7	18.87	0.077	18.78	0.076	18.86	0.077
5	QPSK	12	13	18.59	0.072	18.65	0.073	18.77	0.075
5	QPSK	25	0	18.56	0.072	18.58	0.072	18.85	0.077
5	16QAM	1	0	18.77	0.075	18.92	0.078	19.04	0.080
5	16QAM	1	12	18.89	0.077	19.11	0.081	19.26	0.084
5	16QAM	1	24	18.87	0.077	19.08	0.081	18.90	0.078
5	16QAM	12	0	18.41	0.069	18.81	0.076	18.97	0.079
5	16QAM	12	7	18.66	0.073	18.85	0.077	18.98	0.079
5	16QAM	12	13	18.75	0.075	18.67	0.074	18.81	0.076
5	16QAM	25	0	18.58	0.072	18.57	0.072	18.92	0.078
5	64QAM	1	0	18.52	0.071	18.58	0.072	18.57	0.072
5	64QAM	1	12	18.46	0.070	18.81	0.076	18.84	0.077
5	64QAM	1	24	18.58	0.072	18.64	0.073	18.36	0.069
5	64QAM	12	0	18.71	0.074	18.66	0.073	18.85	0.077
5	64QAM	12	7	18.74	0.075	18.93	0.078	19.07	0.081
5	64QAM	12	13	18.64	0.073	18.74	0.075	18.76	0.075
5	64QAM	25	0	18.62	0.073	18.80	0.076	18.93	0.078



LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26805		26915		27025	
Frequency (MHz)				825.5		836.5		847.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	18.79	0.076	18.85	0.077	18.90	0.078
3	QPSK	1	8	18.76	0.075	18.65	0.073	18.88	0.077
3	QPSK	1	14	18.34	0.068	18.66	0.073	18.65	0.073
3	QPSK	8	0	18.34	0.068	18.74	0.075	18.84	0.077
3	QPSK	8	4	18.61	0.073	18.67	0.074	18.57	0.072
3	QPSK	8	7	18.86	0.077	18.78	0.076	18.77	0.075
3	QPSK	15	0	18.73	0.075	18.85	0.077	18.94	0.078
3	16QAM	1	0	18.75	0.075	18.84	0.077	18.90	0.078
3	16QAM	1	8	18.50	0.071	18.70	0.074	18.97	0.079
3	16QAM	1	14	18.80	0.076	18.96	0.079	18.71	0.074
3	16QAM	8	0	18.68	0.074	18.77	0.075	19.03	0.080
3	16QAM	8	4	18.85	0.077	18.78	0.076	18.99	0.079
3	16QAM	8	7	18.56	0.072	18.89	0.077	19.08	0.081
3	16QAM	15	0	18.46	0.070	18.70	0.074	18.77	0.075
3	64QAM	1	0	18.37	0.069	18.41	0.069	18.65	0.073
3	64QAM	1	8	18.37	0.069	18.38	0.069	18.42	0.070
3	64QAM	1	14	18.19	0.066	18.47	0.070	18.52	0.071
3	64QAM	8	0	18.61	0.073	18.81	0.076	18.97	0.079
3	64QAM	8	4	18.72	0.074	18.58	0.072	18.61	0.073
3	64QAM	8	7	18.48	0.070	18.88	0.077	18.94	0.078
3	64QAM	15	0	18.88	0.077	18.63	0.073	18.90	0.078



LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26797		26915		27033	
Frequency (MHz)				824.7		836.5		848.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	18.73	0.075	18.72	0.074	18.88	0.077
1.4	QPSK	1	3	18.77	0.075	18.71	0.074	18.83	0.076
1.4	QPSK	1	5	18.77	0.075	18.73	0.075	18.81	0.076
1.4	QPSK	3	0	18.83	0.076	18.74	0.075	18.97	0.079
1.4	QPSK	3	1	18.89	0.077	18.95	0.079	18.93	0.078
1.4	QPSK	3	3	18.80	0.076	18.89	0.077	18.81	0.076
1.4	QPSK	6	0	18.79	0.076	18.89	0.077	18.90	0.078
1.4	16QAM	1	0	18.53	0.071	19.02	0.080	18.91	0.078
1.4	16QAM	1	3	18.62	0.073	18.85	0.077	19.18	0.083
1.4	16QAM	1	5	18.46	0.070	18.89	0.077	18.86	0.077
1.4	16QAM	3	0	18.88	0.077	18.53	0.071	18.72	0.074
1.4	16QAM	3	1	18.82	0.076	18.67	0.074	18.53	0.071
1.4	16QAM	3	3	18.89	0.077	18.63	0.073	18.76	0.075
1.4	16QAM	6	0	18.74	0.075	18.68	0.074	18.61	0.073
1.4	64QAM	1	0	18.32	0.068	18.62	0.073	18.71	0.074
1.4	64QAM	1	3	18.38	0.069	18.56	0.072	18.75	0.075
1.4	64QAM	1	5	18.01	0.063	18.56	0.072	18.71	0.074
1.4	64QAM	3	0	18.80	0.076	18.55	0.072	18.81	0.076
1.4	64QAM	3	1	18.99	0.079	18.53	0.071	18.94	0.078
1.4	64QAM	3	3	18.97	0.079	18.64	0.073	18.75	0.075
1.4	64QAM	6	0	18.91	0.078	18.76	0.075	18.63	0.073



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	24.47	0.280	24.50	0.282	24.46	0.279
20	QPSK	1	49	24.30	0.269	24.34	0.272	24.42	0.277
20	QPSK	1	99	24.31	0.270	24.38	0.274	24.34	0.272
20	QPSK	50	0	23.40	0.219	23.46	0.222	23.41	0.219
20	QPSK	50	24	23.22	0.210	23.30	0.214	23.23	0.210
20	QPSK	50	50	23.24	0.211	23.27	0.212	23.28	0.213
20	QPSK	100	0	23.36	0.217	23.29	0.213	23.33	0.215
20	16QAM	1	0	23.53	0.225	23.55	0.226	23.50	0.224
20	16QAM	1	49	23.48	0.223	23.43	0.220	23.50	0.224
20	16QAM	1	99	23.51	0.224	23.53	0.225	23.46	0.222
20	16QAM	50	0	22.54	0.179	22.59	0.182	22.54	0.179
20	16QAM	50	24	22.44	0.175	22.58	0.181	22.55	0.180
20	16QAM	50	50	22.51	0.178	22.55	0.180	22.45	0.176
20	16QAM	100	0	22.48	0.177	22.41	0.174	22.49	0.177
20	64QAM	1	0	22.52	0.179	22.65	0.184	22.62	0.183
20	64QAM	1	49	22.56	0.180	22.48	0.177	22.60	0.182
20	64QAM	1	99	22.61	0.182	22.44	0.175	22.51	0.178
20	64QAM	50	0	21.52	0.142	21.59	0.144	21.49	0.141
20	64QAM	50	24	21.51	0.142	21.44	0.139	21.44	0.139
20	64QAM	50	50	21.49	0.141	21.31	0.135	21.51	0.142
20	64QAM	100	0	21.44	0.139	21.36	0.137	21.48	0.141



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	24.41	0.276	24.47	0.280	24.45	0.279
15	QPSK	1	37	24.43	0.277	24.39	0.275	24.40	0.275
15	QPSK	1	74	24.36	0.273	24.37	0.274	24.29	0.269
15	QPSK	36	0	23.32	0.215	23.41	0.219	23.36	0.217
15	QPSK	36	20	23.37	0.217	23.32	0.215	23.36	0.217
15	QPSK	36	39	23.19	0.208	23.38	0.218	23.18	0.208
15	QPSK	75	0	23.29	0.213	23.35	0.216	23.22	0.210
15	16QAM	1	0	23.50	0.224	23.60	0.229	23.59	0.229
15	16QAM	1	37	23.55	0.226	23.47	0.222	23.45	0.221
15	16QAM	1	74	23.44	0.221	23.47	0.222	23.49	0.223
15	16QAM	36	0	22.51	0.178	22.54	0.179	22.49	0.177
15	16QAM	36	20	22.50	0.178	22.43	0.175	22.48	0.177
15	16QAM	36	39	22.45	0.176	22.49	0.177	22.51	0.178
15	16QAM	75	0	22.52	0.179	22.45	0.176	22.51	0.178
15	64QAM	1	0	22.60	0.182	22.57	0.181	22.50	0.178
15	64QAM	1	37	22.54	0.179	22.56	0.180	22.52	0.179
15	64QAM	1	74	22.49	0.177	22.51	0.178	22.46	0.176
15	64QAM	36	0	21.49	0.141	21.60	0.145	21.54	0.143
15	64QAM	36	20	21.52	0.142	21.52	0.142	21.46	0.140
15	64QAM	36	39	21.54	0.143	21.55	0.143	21.35	0.136
15	64QAM	75	0	21.43	0.139	21.44	0.139	21.48	0.141



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	24.41	0.276	24.45	0.279	24.38	0.274
10	QPSK	1	25	24.27	0.267	24.23	0.265	24.24	0.265
10	QPSK	1	49	24.34	0.272	24.41	0.276	24.43	0.277
10	QPSK	25	0	23.28	0.213	23.47	0.222	23.45	0.221
10	QPSK	25	12	23.22	0.210	23.32	0.215	23.21	0.209
10	QPSK	25	25	23.24	0.211	23.35	0.216	23.22	0.210
10	QPSK	50	0	23.23	0.210	23.24	0.211	23.24	0.211
10	16QAM	1	0	23.52	0.225	23.70	0.234	23.66	0.232
10	16QAM	1	25	23.57	0.228	23.65	0.232	23.42	0.220
10	16QAM	1	49	23.46	0.222	23.43	0.220	23.47	0.222
10	16QAM	25	0	22.51	0.178	22.52	0.179	22.52	0.179
10	16QAM	25	12	22.46	0.176	22.56	0.180	22.49	0.177
10	16QAM	25	25	22.51	0.178	22.62	0.183	22.59	0.182
10	16QAM	50	0	22.46	0.176	22.40	0.174	22.49	0.177
10	64QAM	1	0	22.55	0.180	22.49	0.177	22.59	0.182
10	64QAM	1	25	22.48	0.177	22.43	0.175	22.40	0.174
10	64QAM	1	49	22.46	0.176	22.42	0.175	22.47	0.177
10	64QAM	25	0	21.46	0.140	21.56	0.143	21.54	0.143
10	64QAM	25	12	21.41	0.138	21.41	0.138	21.58	0.144
10	64QAM	25	25	21.47	0.140	21.34	0.136	21.55	0.143
10	64QAM	50	0	21.45	0.140	21.35	0.136	21.58	0.144



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	24.43	0.277	24.44	0.278	24.28	0.268
5	QPSK	1	12	24.35	0.272	24.28	0.268	24.23	0.265
5	QPSK	1	24	24.36	0.273	24.38	0.274	24.23	0.265
5	QPSK	12	0	23.29	0.213	23.37	0.217	24.36	0.273
5	QPSK	12	7	23.28	0.213	23.34	0.216	23.25	0.211
5	QPSK	12	13	23.32	0.215	23.25	0.211	23.35	0.216
5	QPSK	25	0	23.20	0.209	23.19	0.208	23.23	0.210
5	16QAM	1	0	23.73	0.236	23.56	0.227	23.63	0.231
5	16QAM	1	12	23.61	0.230	23.64	0.231	23.48	0.223
5	16QAM	1	24	23.56	0.227	23.44	0.221	23.47	0.222
5	16QAM	12	0	22.68	0.185	22.55	0.180	22.68	0.185
5	16QAM	12	7	22.46	0.176	22.49	0.177	22.58	0.181
5	16QAM	12	13	22.39	0.173	22.44	0.175	22.49	0.177
5	16QAM	25	0	22.46	0.176	22.45	0.176	22.46	0.176
5	64QAM	1	0	22.60	0.182	22.57	0.181	22.61	0.182
5	64QAM	1	12	22.46	0.176	22.62	0.183	22.62	0.183
5	64QAM	1	24	22.40	0.174	22.44	0.175	22.65	0.184
5	64QAM	12	0	21.55	0.143	21.61	0.145	21.52	0.142
5	64QAM	12	7	21.42	0.139	21.42	0.139	21.55	0.143
5	64QAM	12	13	21.54	0.143	21.53	0.142	21.48	0.141
5	64QAM	25	0	21.63	0.146	21.56	0.143	21.61	0.145



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	21.37	0.137	21.41	0.138	21.36	0.137
20	QPSK	1	49	21.20	0.132	21.24	0.133	21.32	0.136
20	QPSK	1	99	21.21	0.132	21.28	0.134	21.24	0.133
20	QPSK	50	0	20.30	0.107	20.36	0.109	20.31	0.107
20	QPSK	50	24	20.12	0.103	20.20	0.105	20.13	0.103
20	QPSK	50	50	20.14	0.103	20.17	0.104	20.18	0.104
20	QPSK	100	0	20.26	0.106	20.19	0.104	20.23	0.105
20	16QAM	1	0	20.43	0.110	20.45	0.111	20.40	0.110
20	16QAM	1	49	20.38	0.109	20.33	0.108	20.40	0.110
20	16QAM	1	99	20.41	0.110	20.43	0.110	20.36	0.109
20	16QAM	50	0	19.44	0.088	19.49	0.089	19.44	0.088
20	16QAM	50	24	19.34	0.086	19.48	0.089	19.45	0.088
20	16QAM	50	50	19.41	0.087	19.45	0.088	19.35	0.086
20	16QAM	100	0	19.38	0.087	19.31	0.085	19.39	0.087
20	64QAM	1	0	19.42	0.087	19.55	0.090	19.52	0.090
20	64QAM	1	49	19.46	0.088	19.38	0.087	19.50	0.089
20	64QAM	1	99	19.51	0.089	19.34	0.086	19.41	0.087
20	64QAM	50	0	18.42	0.070	18.49	0.071	18.39	0.069
20	64QAM	50	24	18.41	0.069	18.34	0.068	18.34	0.068
20	64QAM	50	50	18.39	0.069	18.21	0.066	18.41	0.069
20	64QAM	100	0	18.34	0.068	18.26	0.067	18.38	0.069



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	21.31	0.135	21.37	0.137	21.35	0.136
15	QPSK	1	37	21.33	0.136	21.29	0.135	21.30	0.135
15	QPSK	1	74	21.26	0.134	21.27	0.134	21.19	0.132
15	QPSK	36	0	20.22	0.105	20.31	0.107	20.26	0.106
15	QPSK	36	20	20.27	0.106	20.22	0.105	20.26	0.106
15	QPSK	36	39	20.09	0.102	20.28	0.107	20.08	0.102
15	QPSK	75	0	20.19	0.104	20.25	0.106	20.12	0.103
15	16QAM	1	0	20.40	0.110	20.50	0.112	20.49	0.112
15	16QAM	1	37	20.45	0.111	20.37	0.109	20.35	0.108
15	16QAM	1	74	20.34	0.108	20.37	0.109	20.39	0.109
15	16QAM	36	0	19.41	0.087	19.44	0.088	19.39	0.087
15	16QAM	36	20	19.40	0.087	19.33	0.086	19.38	0.087
15	16QAM	36	39	19.35	0.086	19.39	0.087	19.41	0.087
15	16QAM	75	0	19.42	0.087	19.35	0.086	19.41	0.087
15	64QAM	1	0	19.50	0.089	19.47	0.089	19.40	0.087
15	64QAM	1	37	19.44	0.088	19.46	0.088	19.42	0.087
15	64QAM	1	74	19.39	0.087	19.41	0.087	19.36	0.086
15	64QAM	36	0	18.39	0.069	18.50	0.071	18.44	0.070
15	64QAM	36	20	18.42	0.070	18.42	0.070	18.36	0.069
15	64QAM	36	39	18.44	0.070	18.45	0.070	18.25	0.067
15	64QAM	75	0	18.33	0.068	18.34	0.068	18.38	0.069



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	21.31	0.135	21.35	0.136	21.28	0.134
10	QPSK	1	25	21.17	0.131	21.13	0.130	21.14	0.130
10	QPSK	1	49	21.24	0.133	21.31	0.135	21.33	0.136
10	QPSK	25	0	20.18	0.104	20.37	0.109	20.35	0.108
10	QPSK	25	12	20.12	0.103	20.22	0.105	20.11	0.103
10	QPSK	25	25	20.14	0.103	20.25	0.106	20.12	0.103
10	QPSK	50	0	20.13	0.103	20.14	0.103	20.14	0.103
10	16QAM	1	0	20.42	0.110	20.60	0.115	20.56	0.114
10	16QAM	1	25	20.47	0.111	20.55	0.114	20.32	0.108
10	16QAM	1	49	20.36	0.109	20.33	0.108	20.37	0.109
10	16QAM	25	0	19.41	0.087	19.42	0.087	19.42	0.087
10	16QAM	25	12	19.36	0.086	19.46	0.088	19.39	0.087
10	16QAM	25	25	19.41	0.087	19.52	0.090	19.49	0.089
10	16QAM	50	0	19.36	0.086	19.30	0.085	19.39	0.087
10	64QAM	1	0	19.45	0.088	19.39	0.087	19.49	0.089
10	64QAM	1	25	19.38	0.087	19.33	0.086	19.30	0.085
10	64QAM	1	49	19.36	0.086	19.32	0.086	19.37	0.086
10	64QAM	25	0	18.36	0.069	18.46	0.070	18.44	0.070
10	64QAM	25	12	18.31	0.068	18.31	0.068	18.48	0.070
10	64QAM	25	25	18.37	0.069	18.24	0.067	18.45	0.070
10	64QAM	50	0	18.35	0.068	18.25	0.067	18.48	0.070



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	21.33	0.136	21.34	0.136	21.18	0.131
5	QPSK	1	12	21.25	0.133	21.18	0.131	21.13	0.130
5	QPSK	1	24	21.26	0.134	21.28	0.134	21.13	0.130
5	QPSK	12	0	20.19	0.104	20.27	0.106	21.26	0.134
5	QPSK	12	7	20.18	0.104	20.24	0.106	20.15	0.104
5	QPSK	12	13	20.22	0.105	20.15	0.104	20.25	0.106
5	QPSK	25	0	20.10	0.102	20.09	0.102	20.13	0.103
5	16QAM	1	0	20.63	0.116	20.46	0.111	20.53	0.113
5	16QAM	1	12	20.51	0.112	20.54	0.113	20.38	0.109
5	16QAM	1	24	20.46	0.111	20.34	0.108	20.37	0.109
5	16QAM	12	0	19.58	0.091	19.45	0.088	19.58	0.091
5	16QAM	12	7	19.36	0.086	19.39	0.087	19.48	0.089
5	16QAM	12	13	19.29	0.085	19.34	0.086	19.39	0.087
5	16QAM	25	0	19.36	0.086	19.35	0.086	19.36	0.086
5	64QAM	1	0	19.50	0.089	19.47	0.089	19.51	0.089
5	64QAM	1	12	19.36	0.086	19.52	0.090	19.52	0.090
5	64QAM	1	24	19.30	0.085	19.34	0.086	19.55	0.090
5	64QAM	12	0	18.45	0.070	18.51	0.071	18.42	0.070
5	64QAM	12	7	18.32	0.068	18.32	0.068	18.45	0.070
5	64QAM	12	13	18.44	0.070	18.43	0.070	18.38	0.069
5	64QAM	25	0	18.53	0.071	18.46	0.070	18.51	0.071



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				132072		132322		132572	
Frequency (MHz)				1720		1745		1770	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	22.26	0.168	22.31	0.170	22.25	0.168
20	QPSK	1	49	22.10	0.162	22.17	0.165	22.02	0.159
20	QPSK	1	99	22.11	0.163	22.22	0.167	22.20	0.166
20	QPSK	50	0	21.22	0.132	21.27	0.134	21.18	0.131
20	QPSK	50	24	21.10	0.129	21.18	0.131	21.12	0.129
20	QPSK	50	50	21.01	0.126	21.15	0.130	21.04	0.127
20	QPSK	100	0	21.13	0.130	21.00	0.126	21.15	0.130
20	16QAM	1	0	21.19	0.132	21.27	0.134	21.19	0.132
20	16QAM	1	49	21.20	0.132	21.25	0.133	21.15	0.130
20	16QAM	1	99	21.13	0.130	21.12	0.129	21.26	0.134
20	16QAM	50	0	20.23	0.105	20.32	0.108	20.29	0.107
20	16QAM	50	24	20.16	0.104	20.28	0.107	20.11	0.103
20	16QAM	50	50	20.25	0.106	20.27	0.106	20.15	0.104
20	16QAM	100	0	20.15	0.104	20.17	0.104	20.16	0.104
20	64QAM	1	0	20.21	0.105	20.37	0.109	20.28	0.107
20	64QAM	1	49	20.23	0.105	20.17	0.104	20.17	0.104
20	64QAM	1	99	20.18	0.104	20.12	0.103	20.08	0.102
20	64QAM	50	0	19.28	0.085	19.21	0.083	19.17	0.083
20	64QAM	50	24	19.19	0.083	19.23	0.084	19.03	0.080
20	64QAM	50	50	19.27	0.085	19.08	0.081	19.04	0.080
20	64QAM	100	0	19.20	0.083	19.19	0.083	19.11	0.081



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	22.10	0.162	22.17	0.165	22.07	0.161
15	QPSK	1	37	21.89	0.155	22.00	0.158	21.89	0.155
15	QPSK	1	74	21.97	0.157	22.12	0.163	21.88	0.154
15	QPSK	36	0	20.95	0.124	21.06	0.128	20.95	0.124
15	QPSK	36	20	20.97	0.125	21.05	0.127	21.00	0.126
15	QPSK	36	39	20.98	0.125	20.90	0.123	20.83	0.121
15	QPSK	75	0	20.83	0.121	20.85	0.122	20.93	0.124
15	16QAM	1	0	21.28	0.134	21.32	0.136	21.23	0.133
15	16QAM	1	37	21.28	0.134	21.28	0.134	21.20	0.132
15	16QAM	1	74	21.18	0.131	21.30	0.135	21.13	0.130
15	16QAM	36	0	20.19	0.104	20.18	0.104	20.21	0.105
15	16QAM	36	20	20.16	0.104	20.15	0.104	20.26	0.106
15	16QAM	36	39	20.25	0.106	20.17	0.104	20.18	0.104
15	16QAM	75	0	20.27	0.106	20.26	0.106	20.29	0.107
15	64QAM	1	0	20.25	0.106	20.31	0.107	20.23	0.105
15	64QAM	1	37	20.15	0.104	20.19	0.104	20.06	0.101
15	64QAM	1	74	20.28	0.107	20.14	0.103	20.24	0.106
15	64QAM	36	0	19.09	0.081	19.26	0.084	19.17	0.083
15	64QAM	36	20	19.20	0.083	19.05	0.080	19.07	0.081
15	64QAM	36	39	19.04	0.080	19.19	0.083	19.18	0.083
15	64QAM	75	0	19.16	0.082	19.07	0.081	19.24	0.084



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	22.08	0.161	22.14	0.164	22.07	0.161
10	QPSK	1	25	21.87	0.154	22.11	0.163	22.03	0.160
10	QPSK	1	49	21.98	0.158	22.03	0.160	22.08	0.161
10	QPSK	25	0	21.03	0.127	21.12	0.129	20.96	0.125
10	QPSK	25	12	21.00	0.126	20.94	0.124	20.88	0.122
10	QPSK	25	25	20.94	0.124	20.97	0.125	20.89	0.123
10	QPSK	50	0	21.00	0.126	20.94	0.124	20.93	0.124
10	16QAM	1	0	21.15	0.130	21.32	0.136	21.23	0.133
10	16QAM	1	25	21.23	0.133	21.09	0.129	21.29	0.135
10	16QAM	1	49	21.17	0.131	21.24	0.133	21.27	0.134
10	16QAM	25	0	20.23	0.105	20.32	0.108	20.27	0.106
10	16QAM	25	12	20.15	0.104	20.26	0.106	20.24	0.106
10	16QAM	25	25	20.10	0.102	20.06	0.101	20.13	0.103
10	16QAM	50	0	20.24	0.106	20.23	0.105	20.21	0.105
10	64QAM	1	0	20.27	0.106	20.15	0.104	20.24	0.106
10	64QAM	1	25	20.23	0.105	20.09	0.102	20.18	0.104
10	64QAM	1	49	20.21	0.105	20.22	0.105	20.19	0.104
10	64QAM	25	0	19.13	0.082	19.15	0.082	19.25	0.084
10	64QAM	25	12	19.07	0.081	19.21	0.083	19.21	0.083
10	64QAM	25	25	19.16	0.082	19.10	0.081	19.04	0.080
10	64QAM	50	0	19.08	0.081	19.00	0.079	19.13	0.082



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	22.08	0.161	22.12	0.163	22.07	0.161
5	QPSK	1	12	22.06	0.161	21.88	0.154	21.91	0.155
5	QPSK	1	24	21.92	0.156	22.02	0.159	22.02	0.159
5	QPSK	12	0	20.95	0.124	21.11	0.129	21.07	0.128
5	QPSK	12	7	21.01	0.126	21.07	0.128	21.05	0.127
5	QPSK	12	13	20.94	0.124	20.97	0.125	20.96	0.125
5	QPSK	25	0	20.85	0.122	20.83	0.121	20.99	0.126
5	16QAM	1	0	21.29	0.135	21.34	0.136	21.27	0.134
5	16QAM	1	12	21.13	0.130	21.16	0.131	21.12	0.129
5	16QAM	1	24	21.24	0.133	21.25	0.133	21.14	0.130
5	16QAM	12	0	20.21	0.105	20.15	0.104	20.21	0.105
5	16QAM	12	7	20.08	0.102	20.16	0.104	20.14	0.103
5	16QAM	12	13	20.22	0.105	20.13	0.103	20.13	0.103
5	16QAM	25	0	20.18	0.104	20.23	0.105	20.18	0.104
5	64QAM	1	0	20.23	0.105	20.30	0.107	20.31	0.107
5	64QAM	1	12	20.22	0.105	20.23	0.105	20.05	0.101
5	64QAM	1	24	20.24	0.106	20.05	0.101	20.28	0.107
5	64QAM	12	0	19.26	0.084	19.27	0.085	19.07	0.081
5	64QAM	12	7	19.05	0.080	19.13	0.082	19.11	0.081
5	64QAM	12	13	19.06	0.081	19.07	0.081	19.04	0.080
5	64QAM	25	0	19.08	0.081	19.25	0.084	19.19	0.083



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	22.09	0.162	22.15	0.164	22.12	0.163
3	QPSK	1	8	21.92	0.156	22.12	0.163	22.08	0.161
3	QPSK	1	14	22.03	0.160	22.05	0.160	22.07	0.161
3	QPSK	8	0	21.00	0.126	21.02	0.126	20.86	0.122
3	QPSK	8	4	20.88	0.122	20.83	0.121	20.84	0.121
3	QPSK	8	7	20.86	0.122	20.86	0.122	20.79	0.120
3	QPSK	15	0	20.93	0.124	20.94	0.124	21.03	0.127
3	16QAM	1	0	21.19	0.132	21.22	0.132	21.27	0.134
3	16QAM	1	8	21.23	0.133	21.22	0.132	21.23	0.133
3	16QAM	1	14	21.18	0.131	21.26	0.134	21.29	0.135
3	16QAM	8	0	20.13	0.103	20.13	0.103	20.25	0.106
3	16QAM	8	4	20.16	0.104	20.25	0.106	20.10	0.102
3	16QAM	8	7	20.08	0.102	20.15	0.104	20.25	0.106
3	16QAM	15	0	20.21	0.105	20.27	0.106	20.25	0.106
3	64QAM	1	0	20.24	0.106	20.35	0.108	20.25	0.106
3	64QAM	1	8	20.20	0.105	20.16	0.104	20.26	0.106
3	64QAM	1	14	20.24	0.106	20.05	0.101	20.11	0.103
3	64QAM	8	0	19.13	0.082	19.17	0.083	19.23	0.084
3	64QAM	8	4	19.07	0.081	19.18	0.083	19.12	0.082
3	64QAM	8	7	19.29	0.085	19.16	0.082	19.04	0.080
3	64QAM	15	0	19.28	0.085	19.16	0.082	19.18	0.083



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	22.03	0.160	22.13	0.163	21.93	0.156
1.4	QPSK	1	3	22.04	0.160	21.91	0.155	22.02	0.159
1.4	QPSK	1	5	21.99	0.158	21.91	0.155	22.05	0.160
1.4	QPSK	3	0	20.93	0.124	21.12	0.129	21.01	0.126
1.4	QPSK	3	1	20.95	0.124	20.94	0.124	20.87	0.122
1.4	QPSK	3	3	20.87	0.122	20.91	0.123	20.92	0.124
1.4	QPSK	6	0	20.87	0.122	20.90	0.123	20.97	0.125
1.4	16QAM	1	0	21.29	0.135	21.30	0.135	21.25	0.133
1.4	16QAM	1	3	21.08	0.128	21.26	0.134	21.12	0.129
1.4	16QAM	1	5	21.16	0.131	21.28	0.134	21.19	0.132
1.4	16QAM	3	0	20.19	0.104	20.28	0.107	20.26	0.106
1.4	16QAM	3	1	20.10	0.102	20.18	0.104	20.25	0.106
1.4	16QAM	3	3	20.19	0.104	20.17	0.104	20.10	0.102
1.4	16QAM	6	0	20.04	0.101	20.08	0.102	20.06	0.101
1.4	64QAM	1	0	20.19	0.104	20.17	0.104	20.22	0.105
1.4	64QAM	1	3	20.11	0.103	20.24	0.106	20.20	0.105
1.4	64QAM	1	5	20.10	0.102	20.13	0.103	20.25	0.106
1.4	64QAM	3	0	19.19	0.083	19.08	0.081	19.14	0.082
1.4	64QAM	3	1	19.06	0.081	19.12	0.082	19.12	0.082
1.4	64QAM	3	3	19.07	0.081	19.02	0.080	18.99	0.079
1.4	64QAM	6	0	19.10	0.081	19.05	0.080	19.04	0.080



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	19.05	0.080	19.16	0.082	19.14	0.082
20	QPSK	1	49	18.97	0.079	19.13	0.082	19.04	0.080
20	QPSK	1	99	19.02	0.080	19.05	0.080	18.98	0.079
20	QPSK	50	0	18.11	0.065	18.13	0.065	18.03	0.064
20	QPSK	50	24	17.89	0.062	17.89	0.062	17.93	0.062
20	QPSK	50	50	17.98	0.063	17.90	0.062	17.97	0.063
20	QPSK	100	0	18.02	0.063	17.87	0.061	17.87	0.061
20	16QAM	1	0	18.23	0.067	18.36	0.069	18.28	0.067
20	16QAM	1	49	18.25	0.067	18.33	0.068	18.32	0.068
20	16QAM	1	99	18.27	0.067	18.24	0.067	18.27	0.067
20	16QAM	50	0	17.19	0.052	17.22	0.053	17.20	0.052
20	16QAM	50	24	17.14	0.052	17.26	0.053	17.23	0.053
20	16QAM	50	50	17.17	0.052	17.21	0.053	17.13	0.052
20	16QAM	100	0	17.13	0.052	17.26	0.053	17.26	0.053
20	64QAM	1	0	17.26	0.053	17.34	0.054	17.18	0.052
20	64QAM	1	49	17.30	0.054	17.24	0.053	17.12	0.052
20	64QAM	1	99	17.10	0.051	17.20	0.052	17.23	0.053
20	64QAM	50	0	16.25	0.042	16.32	0.043	16.24	0.042
20	64QAM	50	24	16.31	0.043	16.23	0.042	16.04	0.040
20	64QAM	50	50	16.17	0.041	16.02	0.040	16.12	0.041
20	64QAM	100	0	16.29	0.043	16.29	0.043	16.07	0.040



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	19.08	0.081	19.13	0.082	19.03	0.080
15	QPSK	1	37	19.07	0.081	19.07	0.081	18.95	0.079
15	QPSK	1	74	19.00	0.079	19.05	0.080	18.98	0.079
15	QPSK	36	0	18.04	0.064	18.12	0.065	18.08	0.064
15	QPSK	36	20	17.98	0.063	18.08	0.064	18.00	0.063
15	QPSK	36	39	17.92	0.062	17.99	0.063	17.90	0.062
15	QPSK	75	0	17.98	0.063	17.93	0.062	17.96	0.063
15	16QAM	1	0	18.25	0.067	18.32	0.068	18.20	0.066
15	16QAM	1	37	18.14	0.065	18.26	0.067	18.28	0.067
15	16QAM	1	74	18.26	0.067	18.28	0.067	18.15	0.065
15	16QAM	36	0	17.27	0.053	17.29	0.054	17.19	0.052
15	16QAM	36	20	17.22	0.053	17.23	0.053	17.15	0.052
15	16QAM	36	39	17.17	0.052	17.17	0.052	17.15	0.052
15	16QAM	75	0	17.33	0.054	17.31	0.054	17.24	0.053
15	64QAM	1	0	17.32	0.054	17.36	0.054	17.26	0.053
15	64QAM	1	37	17.28	0.053	17.35	0.054	17.25	0.053
15	64QAM	1	74	17.31	0.054	17.17	0.052	17.25	0.053
15	64QAM	36	0	16.26	0.042	16.30	0.043	16.20	0.042
15	64QAM	36	20	16.16	0.041	16.28	0.042	16.18	0.041
15	64QAM	36	39	16.20	0.042	16.20	0.042	16.06	0.040
15	64QAM	75	0	16.23	0.042	16.29	0.043	16.08	0.041



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	19.10	0.081	19.14	0.082	19.07	0.081
10	QPSK	1	25	18.98	0.079	19.05	0.080	19.03	0.080
10	QPSK	1	49	18.99	0.079	19.06	0.081	19.01	0.080
10	QPSK	25	0	18.10	0.065	18.12	0.065	18.00	0.063
10	QPSK	25	12	18.04	0.064	18.04	0.064	18.00	0.063
10	QPSK	25	25	17.99	0.063	18.04	0.064	17.83	0.061
10	QPSK	50	0	18.04	0.064	17.88	0.061	17.88	0.061
10	16QAM	1	0	18.22	0.066	18.37	0.069	18.31	0.068
10	16QAM	1	25	18.23	0.067	18.26	0.067	18.25	0.067
10	16QAM	1	49	18.19	0.066	18.26	0.067	18.19	0.066
10	16QAM	25	0	17.18	0.052	17.32	0.054	17.27	0.053
10	16QAM	25	12	17.23	0.053	17.30	0.054	17.25	0.053
10	16QAM	25	25	17.28	0.053	17.22	0.053	17.27	0.053
10	16QAM	50	0	17.18	0.052	17.17	0.052	17.13	0.052
10	64QAM	1	0	17.24	0.053	17.38	0.055	17.34	0.054
10	64QAM	1	25	17.29	0.054	17.23	0.053	17.35	0.054
10	64QAM	1	49	17.24	0.053	17.08	0.051	17.21	0.053
10	64QAM	25	0	16.22	0.042	16.33	0.043	16.24	0.042
10	64QAM	25	12	16.28	0.042	16.28	0.042	16.12	0.041
10	64QAM	25	25	16.15	0.041	16.20	0.042	16.26	0.042
10	64QAM	50	0	16.14	0.041	16.19	0.042	16.11	0.041



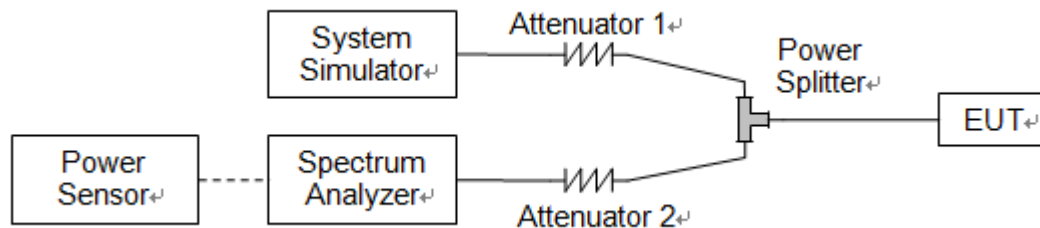
LTE Band 71				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				133147		133297		133447	
Frequency (MHz)				665.5		680.5		695.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	19.08	0.081	19.12	0.082	19.07	0.081
5	QPSK	1	12	19.07	0.081	19.11	0.081	18.99	0.079
5	QPSK	1	24	18.97	0.079	18.99	0.079	19.04	0.080
5	QPSK	12	0	18.03	0.064	18.05	0.064	18.00	0.063
5	QPSK	12	7	17.95	0.062	17.99	0.063	18.03	0.064
5	QPSK	12	13	17.98	0.063	17.97	0.063	17.82	0.061
5	QPSK	25	0	17.96	0.063	17.85	0.061	18.04	0.064
5	16QAM	1	0	18.36	0.069	18.42	0.070	18.21	0.066
5	16QAM	1	12	18.22	0.066	18.32	0.068	18.33	0.068
5	16QAM	1	24	18.26	0.067	18.16	0.065	18.26	0.067
5	16QAM	12	0	17.21	0.053	17.27	0.053	17.26	0.053
5	16QAM	12	7	17.17	0.052	17.25	0.053	17.25	0.053
5	16QAM	12	13	17.22	0.053	17.22	0.053	17.16	0.052
5	16QAM	25	0	17.17	0.052	17.33	0.054	17.21	0.053
5	64QAM	1	0	17.26	0.053	17.30	0.054	17.23	0.053
5	64QAM	1	12	17.18	0.052	17.31	0.054	17.25	0.053
5	64QAM	1	24	17.23	0.053	17.26	0.053	17.28	0.053
5	64QAM	12	0	16.20	0.042	16.34	0.043	16.13	0.041
5	64QAM	12	7	16.31	0.043	16.14	0.041	16.11	0.041
5	64QAM	12	13	16.32	0.043	16.05	0.040	16.21	0.042
5	64QAM	25	0	16.17	0.041	16.28	0.042	16.17	0.041

2.2. Occupied Bandwidth

2.2.1. Requirement

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

2.2.2. Test Description



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

2.2.3. Test Procedure

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

2.2.4. Test Result



LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B2	1.4	Low	18607	1850.7	QPSK	1.0936	1.2556	PASS
B2	1.4	Low	18607	1850.7	16QAM	1.0998	1.2812	PASS
B2	1.4	Low	18607	1850.7	64QAM	1.1004	1.2930	PASS
B2	1.4	Mid	18900	1880	QPSK	1.0924	1.2753	PASS
B2	1.4	Mid	18900	1880	16QAM	1.0999	1.2906	PASS
B2	1.4	Mid	18900	1880	64QAM	1.0994	1.2859	PASS
B2	1.4	High	19193	1909.3	QPSK	1.0967	1.2865	PASS
B2	1.4	High	19193	1909.3	16QAM	1.0985	1.2844	PASS
B2	1.4	High	19193	1909.3	64QAM	1.1023	1.3056	PASS
B2	3	Low	18615	1851.5	QPSK	2.6890	2.9135	PASS
B2	3	Low	18615	1851.5	16QAM	2.6923	2.9269	PASS
B2	3	Low	18615	1851.5	64QAM	2.6994	3.1735	PASS
B2	3	Mid	18900	1880	QPSK	2.6896	2.9159	PASS
B2	3	Mid	18900	1880	16QAM	2.6902	2.9194	PASS
B2	3	Mid	18900	1880	64QAM	2.6945	2.9196	PASS
B2	3	High	19185	1908.5	QPSK	2.6867	2.9136	PASS
B2	3	High	19185	1908.5	16QAM	2.6924	2.9277	PASS
B2	3	High	19185	1908.5	64QAM	2.6969	3.0013	PASS
B2	5	Low	18625	1852.5	QPSK	4.4928	4.9228	PASS
B2	5	Low	18625	1852.5	16QAM	4.5016	4.8872	PASS
B2	5	Low	18625	1852.5	64QAM	4.5071	4.8901	PASS
B2	5	Mid	18900	1880	QPSK	4.4973	4.9548	PASS
B2	5	Mid	18900	1880	16QAM	4.4997	4.8748	PASS
B2	5	Mid	18900	1880	64QAM	4.4891	4.9074	PASS
B2	5	High	19175	1907.5	QPSK	4.5014	4.9495	PASS
B2	5	High	19175	1907.5	16QAM	4.4985	4.9304	PASS
B2	5	High	19175	1907.5	64QAM	4.4958	4.9283	PASS
B2	10	Low	18650	1855	QPSK	8.9914	9.7451	PASS
B2	10	Low	18650	1855	16QAM	8.9620	9.6577	PASS
B2	10	Low	18650	1855	64QAM	8.9642	9.8662	PASS
B2	10	Mid	18900	1880	QPSK	9.0007	9.8137	PASS
B2	10	Mid	18900	1880	16QAM	8.9698	9.6953	PASS
B2	10	Mid	18900	1880	64QAM	8.9685	9.7144	PASS
B2	10	High	19150	1905	QPSK	8.9784	9.7910	PASS
B2	10	High	19150	1905	16QAM	8.9689	9.7032	PASS



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B2	10	High	19150	1905	64QAM	8.9861	9.7482	PASS
B2	15	Low	18675	1857.5	QPSK	13.483	14.551	PASS
B2	15	Low	18675	1857.5	16QAM	13.465	14.688	PASS
B2	15	Low	18675	1857.5	64QAM	13.458	14.557	PASS
B2	15	Mid	18900	1880	QPSK	13.496	14.650	PASS
B2	15	Mid	18900	1880	16QAM	13.471	14.651	PASS
B2	15	Mid	18900	1880	64QAM	13.455	14.579	PASS
B2	15	High	19125	1902.5	QPSK	13.456	14.534	PASS
B2	15	High	19125	1902.5	16QAM	13.476	14.569	PASS
B2	15	High	19125	1902.5	64QAM	13.440	14.487	PASS
B2	20	Low	18700	1860	QPSK	17.959	19.451	PASS
B2	20	Low	18700	1860	16QAM	17.994	19.335	PASS
B2	20	Low	18700	1860	64QAM	17.953	19.435	PASS
B2	20	Mid	18900	1880	QPSK	17.952	19.474	PASS
B2	20	Mid	18900	1880	16QAM	17.978	19.371	PASS
B2	20	Mid	18900	1880	64QAM	17.964	19.828	PASS
B2	20	High	19100	1900	QPSK	17.932	19.290	PASS
B2	20	High	19100	1900	16QAM	17.963	19.336	PASS
B2	20	High	19100	1900	64QAM	17.926	19.402	PASS
B4	1.4	Low	19957	1710.7	QPSK	1.0941	1.2797	PASS
B4	1.4	Low	19957	1710.7	16QAM	1.1016	1.3029	PASS
B4	1.4	Low	19957	1710.7	64QAM	1.1011	1.2850	PASS
B4	1.4	Mid	20175	1732.5	QPSK	1.0967	1.3249	PASS
B4	1.4	Mid	20175	1732.5	16QAM	1.0994	1.2916	PASS
B4	1.4	Mid	20175	1732.5	64QAM	1.0970	1.2985	PASS
B4	1.4	High	20393	1754.3	QPSK	1.0974	1.4194	PASS
B4	1.4	High	20393	1754.3	16QAM	1.0974	1.2918	PASS
B4	1.4	High	20393	1754.3	64QAM	1.0987	1.2972	PASS
B4	3	Low	19965	1711.5	QPSK	2.6913	2.9082	PASS
B4	3	Low	19965	1711.5	16QAM	2.6878	2.9295	PASS
B4	3	Low	19965	1711.5	64QAM	2.6989	3.1544	PASS
B4	3	Mid	20175	1732.5	QPSK	2.6877	2.9199	PASS
B4	3	Mid	20175	1732.5	16QAM	2.6864	2.9221	PASS
B4	3	Mid	20175	1732.5	64QAM	2.6935	2.9229	PASS
B4	3	High	20385	1753.5	QPSK	2.6901	2.9255	PASS
B4	3	High	20385	1753.5	16QAM	2.6940	2.9266	PASS
B4	3	High	20385	1753.5	64QAM	2.6960	2.9134	PASS
B4	5	Low	19975	1712.5	QPSK	4.4943	4.9311	PASS



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B4	5	Low	19975	1712.5	16QAM	4.4980	4.9683	PASS
B4	5	Low	19975	1712.5	64QAM	4.5015	4.9149	PASS
B4	5	Mid	20175	1732.5	QPSK	4.4950	4.9597	PASS
B4	5	Mid	20175	1732.5	16QAM	4.4979	4.8834	PASS
B4	5	Mid	20175	1732.5	64QAM	4.5014	4.8930	PASS
B4	5	High	20375	1752.5	QPSK	4.5050	4.9203	PASS
B4	5	High	20375	1752.5	16QAM	4.5034	4.8724	PASS
B4	5	High	20375	1752.5	64QAM	4.5068	4.9640	PASS
B4	10	Low	20000	1715	QPSK	8.9866	9.7081	PASS
B4	10	Low	20000	1715	16QAM	8.9620	9.7028	PASS
B4	10	Low	20000	1715	64QAM	8.9830	9.7322	PASS
B4	10	Mid	20175	1732.5	QPSK	9.0130	9.7374	PASS
B4	10	Mid	20175	1732.5	16QAM	8.9591	9.7139	PASS
B4	10	Mid	20175	1732.5	64QAM	8.9896	9.7702	PASS
B4	10	High	20350	1750	QPSK	8.9852	10.6183	PASS
B4	10	High	20350	1750	16QAM	8.9618	9.6628	PASS
B4	10	High	20350	1750	64QAM	8.9831	9.7960	PASS
B4	15	Low	20025	1717.5	QPSK	13.506	14.583	PASS
B4	15	Low	20025	1717.5	16QAM	13.461	14.635	PASS
B4	15	Low	20025	1717.5	64QAM	13.466	15.731	PASS
B4	15	Mid	20175	1732.5	QPSK	13.479	14.516	PASS
B4	15	Mid	20175	1732.5	16QAM	13.475	14.703	PASS
B4	15	Mid	20175	1732.5	64QAM	13.458	14.696	PASS
B4	15	High	20325	1747.5	QPSK	13.499	14.549	PASS
B4	15	High	20325	1747.5	16QAM	13.463	14.577	PASS
B4	15	High	20325	1747.5	64QAM	13.453	14.592	PASS
B4	20	Low	20050	1720	QPSK	17.979	19.343	PASS
B4	20	Low	20050	1720	16QAM	17.972	19.446	PASS
B4	20	Low	20050	1720	64QAM	17.964	19.378	PASS
B4	20	Mid	20175	1732.5	QPSK	17.944	19.170	PASS
B4	20	Mid	20175	1732.5	16QAM	17.972	19.333	PASS
B4	20	Mid	20175	1732.5	64QAM	17.952	19.359	PASS
B4	20	High	20300	1745	QPSK	17.966	19.470	PASS
B4	20	High	20300	1745	16QAM	17.986	19.402	PASS
B4	20	High	20300	1745	64QAM	17.967	19.431	PASS
B5	1.4	Low	20407	824.7	QPSK	1.0919	1.2792	PASS
B5	1.4	Low	20407	824.7	16QAM	1.0981	1.2867	PASS
B5	1.4	Low	20407	824.7	64QAM	1.1000	1.2935	PASS



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B5	1.4	Mid	20525	836.5	QPSK	1.0929	1.2881	PASS
B5	1.4	Mid	20525	836.5	16QAM	1.0944	1.3043	PASS
B5	1.4	Mid	20525	836.5	64QAM	1.0974	1.2655	PASS
B5	1.4	High	20643	848.3	QPSK	1.0923	1.2793	PASS
B5	1.4	High	20643	848.3	16QAM	1.0914	1.2981	PASS
B5	1.4	High	20643	848.3	64QAM	1.0986	1.2889	PASS
B5	3	Low	20415	825.5	QPSK	2.6885	2.9102	PASS
B5	3	Low	20415	825.5	16QAM	2.6923	2.9223	PASS
B5	3	Low	20415	825.5	64QAM	2.6855	2.9145	PASS
B5	3	Mid	20525	836.5	QPSK	2.6835	2.9146	PASS
B5	3	Mid	20525	836.5	16QAM	2.6912	2.9257	PASS
B5	3	Mid	20525	836.5	64QAM	2.6884	2.9267	PASS
B5	3	High	20635	847.5	QPSK	2.6912	2.9146	PASS
B5	3	High	20635	847.5	16QAM	2.6889	2.9262	PASS
B5	3	High	20635	847.5	64QAM	2.6992	2.9212	PASS
B5	5	Low	20425	826.5	QPSK	4.5004	4.9477	PASS
B5	5	Low	20425	826.5	16QAM	4.4924	4.8955	PASS
B5	5	Low	20425	826.5	64QAM	4.5060	4.9250	PASS
B5	5	Mid	20525	836.5	QPSK	4.5033	4.9361	PASS
B5	5	Mid	20525	836.5	16QAM	4.4958	4.8934	PASS
B5	5	Mid	20525	836.5	64QAM	4.5075	4.9251	PASS
B5	5	High	20625	846.5	QPSK	4.4996	4.9451	PASS
B5	5	High	20625	846.5	16QAM	4.5070	4.8873	PASS
B5	5	High	20625	846.5	64QAM	4.4954	4.8962	PASS
B5	10	Low	20450	829	QPSK	9.0017	9.7411	PASS
B5	10	Low	20450	829	16QAM	8.9729	9.7101	PASS
B5	10	Low	20450	829	64QAM	8.9740	9.6962	PASS
B5	10	Mid	20525	836.5	QPSK	9.0000	9.7934	PASS
B5	10	Mid	20525	836.5	16QAM	8.9557	9.6784	PASS
B5	10	Mid	20525	836.5	64QAM	8.9713	9.7315	PASS
B5	10	High	20600	844	QPSK	8.9735	9.7313	PASS
B5	10	High	20600	844	16QAM	8.9487	9.6823	PASS
B5	10	High	20600	844	64QAM	8.9777	9.7295	PASS



LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B12	1.4	Low	23017	699.7	QPSK	1.0908	1.2838	PASS
B12	1.4	Low	23017	699.7	16QAM	1.1011	1.3098	PASS
B12	1.4	Low	23017	699.7	64QAM	1.0983	1.2901	PASS
B12	1.4	Mid	23095	707.5	QPSK	1.1076	1.7297	PASS
B12	1.4	Mid	23095	707.5	16QAM	1.1100	1.4852	PASS
B12	1.4	Mid	23095	707.5	64QAM	1.1020	1.3004	PASS
B12	1.4	High	23173	715.3	QPSK	1.0998	1.2902	PASS
B12	1.4	High	23173	715.3	16QAM	1.0984	1.3355	PASS
B12	1.4	High	23173	715.3	64QAM	1.1002	1.3060	PASS
B12	3	Low	23025	700.5	QPSK	2.6929	2.9191	PASS
B12	3	Low	23025	700.5	16QAM	2.6983	2.9148	PASS
B12	3	Low	23025	700.5	64QAM	2.6983	2.9744	PASS
B12	3	Mid	23095	707.5	QPSK	2.7102	3.2719	PASS
B12	3	Mid	23095	707.5	16QAM	2.6988	3.5404	PASS
B12	3	Mid	23095	707.5	64QAM	2.7016	2.9610	PASS
B12	3	High	23165	714.5	QPSK	2.6937	2.9327	PASS
B12	3	High	23165	714.5	16QAM	2.6967	2.9156	PASS
B12	3	High	23165	714.5	64QAM	2.6975	2.9105	PASS
B12	5	Low	23035	701.5	QPSK	4.5423	5.6314	PASS
B12	5	Low	23035	701.5	16QAM	4.5385	5.3431	PASS
B12	5	Low	23035	701.5	64QAM	4.5283	5.2085	PASS
B12	5	Mid	23095	707.5	QPSK	4.5547	6.7517	PASS
B12	5	Mid	23095	707.5	16QAM	4.5382	6.1140	PASS
B12	5	Mid	23095	707.5	64QAM	4.5287	5.1444	PASS
B12	5	High	23155	713.5	QPSK	4.5281	5.2166	PASS
B12	5	High	23155	713.5	16QAM	4.5153	5.2459	PASS
B12	5	High	23155	713.5	64QAM	4.5209	5.1449	PASS
B12	10	Low	23060	704	QPSK	9.1355	15.7530	PASS
B12	10	Low	23060	704	16QAM	9.0639	11.7504	PASS
B12	10	Low	23060	704	64QAM	9.0691	10.2038	PASS
B12	10	Mid	23095	707.5	QPSK	9.0420	10.4152	PASS
B12	10	Mid	23095	707.5	16QAM	9.0005	9.9796	PASS
B12	10	Mid	23095	707.5	64QAM	9.0101	10.1080	PASS
B12	10	High	23130	711	QPSK	8.9926	10.1482	PASS
B12	10	High	23130	711	16QAM	8.9527	9.8930	PASS



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B12	10	High	23130	711	64QAM	8.9908	10.0072	PASS
B17	5	Low	23755	706.5	QPSK	4.5735	8.1608	PASS
B17	5	Low	23755	706.5	16QAM	4.5414	6.2720	PASS
B17	5	Low	23755	706.5	64QAM	4.5334	5.5440	PASS
B17	5	Mid	23790	710	QPSK	4.5143	5.1870	PASS
B17	5	Mid	23790	710	16QAM	4.5249	5.1846	PASS
B17	5	Mid	23790	710	64QAM	4.5073	5.1244	PASS
B17	5	High	23825	713.5	QPSK	4.5178	5.1417	PASS
B17	5	High	23825	713.5	16QAM	4.5156	5.1504	PASS
B17	5	High	23825	713.5	64QAM	4.5290	5.1626	PASS
B17	10	Low	23780	709	QPSK	8.9887	10.1732	PASS
B17	10	Low	23780	709	16QAM	8.9823	9.9966	PASS
B17	10	Low	23780	709	64QAM	8.9958	10.0965	PASS
B17	10	Mid	23790	710	QPSK	8.9782	10.0512	PASS
B17	10	Mid	23790	710	16QAM	8.9667	9.8682	PASS
B17	10	Mid	23790	710	64QAM	9.0046	9.9978	PASS
B17	10	High	23800	711	QPSK	8.9878	10.0204	PASS
B17	10	High	23800	711	16QAM	8.9758	9.9652	PASS
B17	10	High	23800	711	64QAM	8.9696	10.0991	PASS
B25	1.4	Low	26047	1850.7	QPSK	1.0959	1.2661	PASS
B25	1.4	Low	26047	1850.7	16QAM	1.0988	1.2916	PASS
B25	1.4	Low	26047	1850.7	64QAM	1.0978	1.2856	PASS
B25	1.4	Mid	26365	1882.5	QPSK	1.0944	1.2758	PASS
B25	1.4	Mid	26365	1882.5	16QAM	1.0966	1.2851	PASS
B25	1.4	Mid	26365	1882.5	64QAM	1.0978	1.2890	PASS
B25	1.4	High	26683	1914.3	QPSK	1.0969	1.2894	PASS
B25	1.4	High	26683	1914.3	16QAM	1.0981	1.2996	PASS
B25	1.4	High	26683	1914.3	64QAM	1.1010	1.2906	PASS
B25	3	Low	26055	1851.5	QPSK	2.6888	2.9188	PASS
B25	3	Low	26055	1851.5	16QAM	2.6954	2.9328	PASS
B25	3	Low	26055	1851.5	64QAM	2.6952	2.9227	PASS
B25	3	Mid	26365	1882.5	QPSK	2.6920	2.9332	PASS
B25	3	Mid	26365	1882.5	16QAM	2.6873	2.9339	PASS
B25	3	Mid	26365	1882.5	64QAM	2.6946	2.9074	PASS
B25	3	High	26675	1913.5	QPSK	2.6960	2.9114	PASS
B25	3	High	26675	1913.5	16QAM	2.6940	2.9244	PASS
B25	3	High	26675	1913.5	64QAM	2.7009	2.9150	PASS
B25	5	Low	26065	1852.5	QPSK	4.5189	5.1605	PASS



B25	5	Low	26065	1852.5	16QAM	4.5071	5.1270	PASS
B25	5	Low	26065	1852.5	64QAM	4.5157	5.2770	PASS
B25	5	Mid	26365	1882.5	QPSK	4.5214	5.3616	PASS
B25	5	Mid	26365	1882.5	16QAM	4.5252	5.6496	PASS
B25	5	Mid	26365	1882.5	64QAM	4.5301	5.1480	PASS
B25	5	High	26665	1912.5	QPSK	4.5151	5.1966	PASS
B25	5	High	26665	1912.5	16QAM	4.5199	5.1652	PASS
B25	5	High	26665	1912.5	64QAM	4.5352	5.1704	PASS
B25	10	Low	26090	1855	QPSK	9.0069	10.0215	PASS
B25	10	Low	26090	1855	16QAM	8.9908	9.9376	PASS
B25	10	Low	26090	1855	64QAM	9.0028	10.2077	PASS
B25	10	Mid	26365	1882.5	QPSK	9.0238	10.0548	PASS
B25	10	Mid	26365	1882.5	16QAM	8.9848	9.9467	PASS
B25	10	Mid	26365	1882.5	64QAM	9.0099	10.0471	PASS
B25	10	High	26640	1910	QPSK	9.0068	10.1004	PASS
B25	10	High	26640	1910	16QAM	8.9836	10.0739	PASS
B25	10	High	26640	1910	64QAM	9.0023	10.0989	PASS
B25	15	Low	26115	1857.5	QPSK	13.491	15.057	PASS
B25	15	Low	26115	1857.5	16QAM	13.496	15.128	PASS
B25	15	Low	26115	1857.5	64QAM	13.504	15.935	PASS
B25	15	Mid	26365	1882.5	QPSK	13.495	15.156	PASS
B25	15	Mid	26365	1882.5	16QAM	13.490	15.007	PASS
B25	15	Mid	26365	1882.5	64QAM	13.473	15.080	PASS
B25	15	High	26615	1907.5	QPSK	13.494	14.754	PASS
B25	15	High	26615	1907.5	16QAM	13.508	14.936	PASS
B25	15	High	26615	1907.5	64QAM	13.492	15.082	PASS
B25	20	Low	26140	1860	QPSK	17.986	19.865	PASS
B25	20	Low	26140	1860	16QAM	18.009	19.732	PASS
B25	20	Low	26140	1860	64QAM	18.017	20.083	PASS
B25	20	Mid	26365	1882.5	QPSK	17.958	19.655	PASS
B25	20	Mid	26365	1882.5	16QAM	18.018	19.804	PASS
B25	20	Mid	26365	1882.5	64QAM	17.972	19.840	PASS
B25	20	High	26590	1905	QPSK	17.994	19.767	PASS
B25	20	High	26590	1905	16QAM	17.997	19.698	PASS
B25	20	High	26590	1905	64QAM	17.980	20.056	PASS



LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B26 Part22	1.4	Low	26797	824.7	QPSK	1.0895	1.2624	PASS
B26 Part22	1.4	Low	26797	824.7	16QAM	1.0971	1.2777	PASS
B26 Part22	1.4	Low	26797	824.7	64QAM	1.0990	1.2738	PASS
B26 Part22	1.4	Mid	26915	836.5	QPSK	1.0921	1.2734	PASS
B26 Part22	1.4	Mid	26915	836.5	16QAM	1.0960	1.2927	PASS
B26 Part22	1.4	Mid	26915	836.5	64QAM	1.0993	1.2804	PASS
B26 Part22	1.4	High	27033	848.3	QPSK	1.0954	1.2828	PASS
B26 Part22	1.4	High	27033	848.3	16QAM	1.0994	1.3090	PASS
B26 Part22	1.4	High	27033	848.3	64QAM	1.1000	1.2946	PASS
B26 Part22	3	Low	26805	825.5	QPSK	2.6872	2.9164	PASS
B26 Part22	3	Low	26805	825.5	16QAM	2.6940	2.9361	PASS
B26 Part22	3	Low	26805	825.5	64QAM	2.6939	2.9181	PASS
B26 Part22	3	Mid	26915	836.5	QPSK	2.6915	2.9164	PASS
B26 Part22	3	Mid	26915	836.5	16QAM	2.6872	2.9272	PASS
B26 Part22	3	Mid	26915	836.5	64QAM	2.6930	2.9195	PASS
B26 Part22	3	High	27025	847.5	QPSK	2.6882	2.9189	PASS
B26 Part22	3	High	27025	847.5	16QAM	2.6895	2.9309	PASS
B26	3	High	27025	847.5	64QAM	2.7003	2.9215	PASS



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Part22								
B26 Part22	5	Low	26815	826.5	QPSK	4.5030	4.9559	PASS
B26 Part22	5	Low	26815	826.5	16QAM	4.4987	4.9026	PASS
B26 Part22	5	Low	26815	826.5	64QAM	4.4940	4.9293	PASS
B26 Part22	5	Mid	26915	836.5	QPSK	4.4994	4.9278	PASS
B26 Part22	5	Mid	26915	836.5	16QAM	4.5020	4.9406	PASS
B26 Part22	5	Mid	26915	836.5	64QAM	4.4969	4.9281	PASS
B26 Part22	5	High	27015	846.5	QPSK	4.4975	4.9569	PASS
B26 Part22	5	High	27015	846.5	16QAM	4.4920	4.8905	PASS
B26 Part22	5	High	27015	846.5	64QAM	4.5032	4.9158	PASS
B26 Part22	10	Low	26840	829	QPSK	9.0093	9.7177	PASS
B26 Part22	10	Low	26840	829	16QAM	8.9652	9.6586	PASS
B26 Part22	10	Low	26840	829	64QAM	8.9806	9.7282	PASS
B26 Part22	10	Mid	26915	836.5	QPSK	8.9845	9.6966	PASS
B26 Part22	10	Mid	26915	836.5	16QAM	8.9585	9.6711	PASS
B26 Part22	10	Mid	26915	836.5	64QAM	8.9793	9.7912	PASS
B26 Part22	10	High	26990	844	QPSK	8.9936	9.7547	PASS
B26 Part22	10	High	26990	844	16QAM	8.9607	9.6695	PASS
B26 Part22	10	High	26990	844	64QAM	8.9677	9.7500	PASS
B26	15	Low	26865	831.5	QPSK	13.459	14.472	PASS



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Part22								
B26 Part22	15	Low	26865	831.5	16QAM	13.473	14.589	PASS
B26 Part22	15	Low	26865	831.5	64QAM	13.433	14.621	PASS
B26 Part22	15	Mid	26915	836.5	QPSK	13.463	14.591	PASS
B26 Part22	15	Mid	26915	836.5	16QAM	13.466	14.536	PASS
B26 Part22	15	Mid	26915	836.5	64QAM	13.453	14.688	PASS
B26 Part22	15	High	26965	841.5	QPSK	13.478	14.541	PASS
B26 Part22	15	High	26965	841.5	16QAM	13.450	14.512	PASS
B26 Part22	15	High	26965	841.5	64QAM	13.423	14.565	PASS



LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B41	5	Low	39675	2498.5	QPSK	4.5111	5.0073	PASS
B41	5	Low	39675	2498.5	16QAM	4.5070	4.9837	PASS
B41	5	Low	39675	2498.5	64QAM	4.5116	4.9313	PASS
B41	5	Mid	40620	2593	QPSK	4.5002	4.9934	PASS
B41	5	Mid	40620	2593	16QAM	4.5113	5.1378	PASS
B41	5	Mid	40620	2593	64QAM	4.5092	4.8735	PASS
B41	5	High	41565	2687.5	QPSK	4.4981	4.9693	PASS
B41	5	High	41565	2687.5	16QAM	4.5031	5.2278	PASS
B41	5	High	41565	2687.5	64QAM	4.5124	4.9049	PASS
B41	10	Low	39700	2501	QPSK	8.9738	10.2213	PASS
B41	10	Low	39700	2501	16QAM	8.9806	10.1602	PASS
B41	10	Low	39700	2501	64QAM	8.9815	9.9356	PASS
B41	10	Mid	40620	2593	QPSK	8.9895	9.7907	PASS
B41	10	Mid	40620	2593	16QAM	8.9809	10.1583	PASS
B41	10	Mid	40620	2593	64QAM	8.9760	9.9841	PASS
B41	10	High	41540	2685	QPSK	8.9809	10.2032	PASS
B41	10	High	41540	2685	16QAM	8.9770	10.1843	PASS
B41	10	High	41540	2685	64QAM	8.9804	9.8067	PASS
B41	15	Low	39725	2503.5	QPSK	13.474	14.708	PASS
B41	15	Low	39725	2503.5	16QAM	13.477	15.252	PASS
B41	15	Low	39725	2503.5	64QAM	13.480	15.659	PASS
B41	15	Mid	40620	2593	QPSK	13.480	14.648	PASS
B41	15	Mid	40620	2593	16QAM	13.498	14.757	PASS
B41	15	Mid	40620	2593	64QAM	13.458	14.572	PASS
B41	15	High	41515	2682.5	QPSK	13.472	14.491	PASS
B41	15	High	41515	2682.5	16QAM	13.486	14.705	PASS
B41	15	High	41515	2682.5	64QAM	13.455	15.571	PASS
B41	20	Low	39750	2506	QPSK	17.953	19.775	PASS
B41	20	Low	39750	2506	16QAM	17.905	19.107	PASS
B41	20	Low	39750	2506	64QAM	17.937	19.912	PASS
B41	20	Mid	40620	2593	QPSK	17.973	20.203	PASS
B41	20	Mid	40620	2593	16QAM	17.937	19.722	PASS
B41	20	Mid	40620	2593	64QAM	17.948	20.391	PASS
B41	20	High	41490	2680	QPSK	17.958	20.252	PASS
B41	20	High	41490	2680	16QAM	17.929	19.318	PASS



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B41	20	High	41490	2680	64QAM	17.955	19.828	PASS
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LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B66	1.4	Low	131979	1710.7	QPSK	1.0971	1.2686	PASS
B66	1.4	Low	131979	1710.7	16QAM	1.1012	1.2908	PASS
B66	1.4	Low	131979	1710.7	64QAM	1.1002	1.2872	PASS
B66	1.4	Mid	132322	1745	QPSK	1.0931	1.2818	PASS
B66	1.4	Mid	132322	1745	16QAM	1.0976	1.2897	PASS
B66	1.4	Mid	132322	1745	64QAM	1.0991	1.2816	PASS
B66	1.4	High	132665	1779.3	QPSK	1.0915	1.2758	PASS
B66	1.4	High	132665	1779.3	16QAM	1.0980	1.2934	PASS
B66	1.4	High	132665	1779.3	64QAM	1.0975	1.2954	PASS
B66	3	Low	131987	1711.5	QPSK	2.6892	2.9335	PASS
B66	3	Low	131987	1711.5	16QAM	2.6912	2.9302	PASS
B66	3	Low	131987	1711.5	64QAM	2.6964	3.0117	PASS
B66	3	Mid	132322	1745	QPSK	2.6943	3.1264	PASS
B66	3	Mid	132322	1745	16QAM	2.6995	3.1533	PASS
B66	3	Mid	132322	1745	64QAM	2.6952	2.9227	PASS
B66	3	High	132657	1778.5	QPSK	2.6885	3.0064	PASS
B66	3	High	132657	1778.5	16QAM	2.7037	3.4332	PASS
B66	3	High	132657	1778.5	64QAM	2.6963	2.9160	PASS
B66	5	Low	131997	1712.5	QPSK	4.5179	5.1539	PASS
B66	5	Low	131997	1712.5	16QAM	4.5226	5.1467	PASS
B66	5	Low	131997	1712.5	64QAM	4.5285	5.4065	PASS
B66	5	Mid	132322	1745	QPSK	4.5266	5.1833	PASS
B66	5	Mid	132322	1745	16QAM	4.5228	5.7086	PASS
B66	5	Mid	132322	1745	64QAM	4.5193	5.2270	PASS
B66	5	High	132647	1777.5	QPSK	4.5132	5.1986	PASS
B66	5	High	132647	1777.5	16QAM	4.5159	5.1832	PASS
B66	5	High	132647	1777.5	64QAM	4.5220	5.1639	PASS
B66	10	Low	132022	1715	QPSK	9.0041	10.0003	PASS
B66	10	Low	132022	1715	16QAM	8.9941	9.9741	PASS
B66	10	Low	132022	1715	64QAM	9.0237	11.7267	PASS
B66	10	Mid	132322	1745	QPSK	9.0140	10.0148	PASS
B66	10	Mid	132322	1745	16QAM	8.9858	9.8625	PASS
B66	10	Mid	132322	1745	64QAM	8.9947	10.0074	PASS
B66	10	High	132622	1775	QPSK	9.0246	10.1017	PASS
B66	10	High	132622	1775	16QAM	8.9836	9.9545	PASS



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B66	10	High	132622	1775	64QAM	9.0175	10.4552	PASS
B66	15	Low	132047	1717.5	QPSK	13.492	15.049	PASS
B66	15	Low	132047	1717.5	16QAM	13.505	15.122	PASS
B66	15	Low	132047	1717.5	64QAM	13.498	16.059	PASS
B66	15	Mid	132322	1745	QPSK	13.510	15.019	PASS
B66	15	Mid	132322	1745	16QAM	13.503	15.091	PASS
B66	15	Mid	132322	1745	64QAM	13.485	15.098	PASS
B66	15	High	132597	1772.5	QPSK	13.481	14.963	PASS
B66	15	High	132597	1772.5	16QAM	13.500	15.080	PASS
B66	15	High	132597	1772.5	64QAM	13.480	15.190	PASS
B66	20	Low	132072	1720	QPSK	17.986	19.645	PASS
B66	20	Low	132072	1720	16QAM	17.995	19.760	PASS
B66	20	Low	132072	1720	64QAM	17.970	19.970	PASS
B66	20	Mid	132322	1745	QPSK	17.957	19.687	PASS
B66	20	Mid	132322	1745	16QAM	17.967	19.833	PASS
B66	20	Mid	132322	1745	64QAM	17.974	20.555	PASS
B66	20	High	132572	1770	QPSK	17.959	19.646	PASS
B66	20	High	132572	1770	16QAM	18.005	19.772	PASS
B66	20	High	132572	1770	64QAM	18.001	23.361	PASS
B71	5	Low	133147	665.5	QPSK	4.5174	5.1362	PASS
B71	5	Low	133147	665.5	16QAM	4.5269	5.1942	PASS
B71	5	Low	133147	665.5	64QAM	4.5268	5.1191	PASS
B71	5	Mid	133297	680.5	QPSK	4.5183	5.1754	PASS
B71	5	Mid	133297	680.5	16QAM	4.5125	5.2022	PASS
B71	5	Mid	133297	680.5	64QAM	4.5435	5.1051	PASS
B71	5	High	133447	695.5	QPSK	4.5063	5.1517	PASS
B71	5	High	133447	695.5	16QAM	4.5085	5.1182	PASS
B71	5	High	133447	695.5	64QAM	4.5131	5.1217	PASS
B71	10	Low	133172	668	QPSK	9.0459	10.1063	PASS
B71	10	Low	133172	668	16QAM	8.9967	9.9806	PASS
B71	10	Low	133172	668	64QAM	9.0261	10.1227	PASS
B71	10	Mid	133297	680.5	QPSK	9.0374	10.7359	PASS
B71	10	Mid	133297	680.5	16QAM	8.9961	10.5992	PASS
B71	10	Mid	133297	680.5	64QAM	9.0034	10.0811	PASS
B71	10	High	133422	693	QPSK	9.0255	10.0432	PASS
B71	10	High	133422	693	16QAM	8.9604	9.9391	PASS
B71	10	High	133422	693	64QAM	8.9934	10.0961	PASS
B71	15	Low	133197	670.5	QPSK	13.498	14.871	PASS



REPORT No.: SZ23120301W02

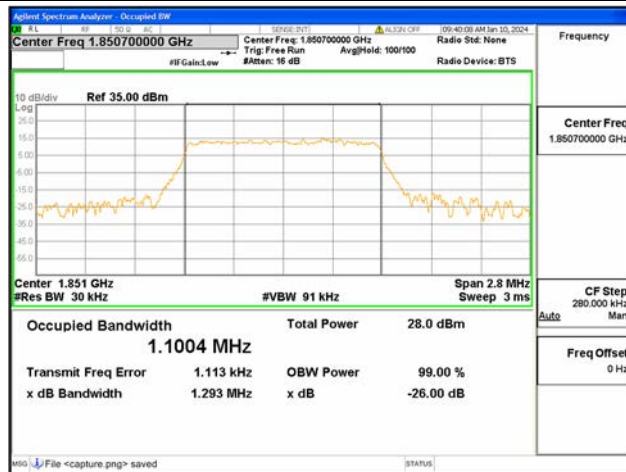
B71	15	Low	133197	670.5	16QAM	13.508	15.017	PASS
B71	15	Low	133197	670.5	64QAM	13.496	15.117	PASS
B71	15	Mid	133297	680.5	QPSK	13.486	15.012	PASS
B71	15	Mid	133297	680.5	16QAM	13.484	15.030	PASS
B71	15	Mid	133297	680.5	64QAM	13.467	14.969	PASS
B71	15	High	133397	690.5	QPSK	13.507	15.000	PASS
B71	15	High	133397	690.5	16QAM	13.501	15.033	PASS
B71	15	High	133397	690.5	64QAM	13.459	15.054	PASS
B71	20	Low	133222	673	QPSK	17.940	19.772	PASS
B71	20	Low	133222	673	16QAM	17.985	19.806	PASS
B71	20	Low	133222	673	64QAM	17.982	20.197	PASS
B71	20	Mid	133322	683	QPSK	18.017	19.673	PASS
B71	20	Mid	133322	683	16QAM	18.047	19.783	PASS
B71	20	Mid	133322	683	64QAM	18.009	19.769	PASS
B71	20	High	133372	688	QPSK	18.000	19.688	PASS
B71	20	High	133372	688	16QAM	18.002	19.658	PASS
B71	20	High	133372	688	64QAM	18.026	19.834	PASS



B2 / 1.4MHz / QPSK/ Low CH



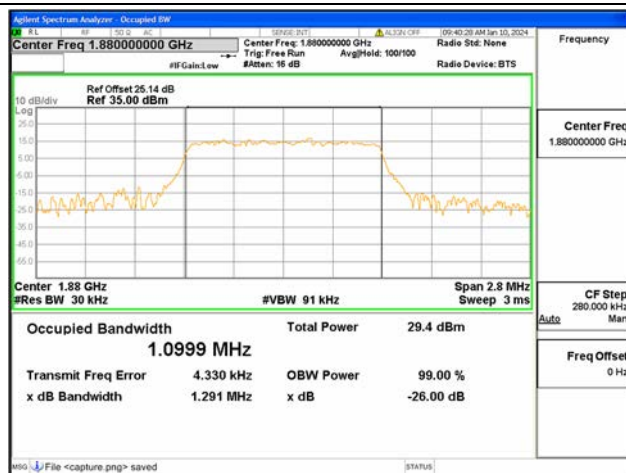
B2 / 1.4MHz / 16QAM/ Low CH



B2 / 1.4MHz / 64QAM/ Low CH



B2 / 1.4MHz / QPSK/ Mid CH



B2 / 1.4MHz / 16QAM/ Mid CH



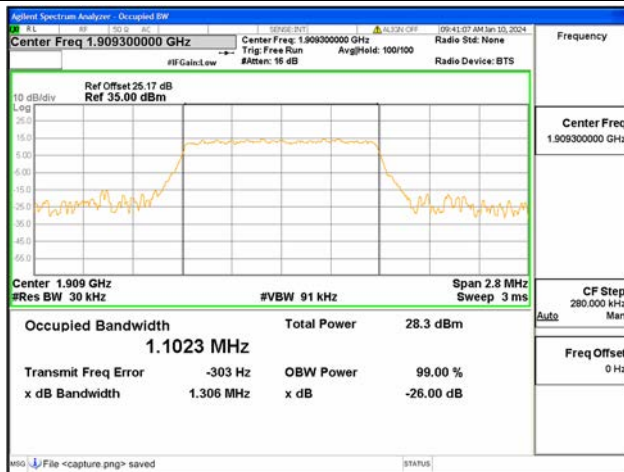
B2 / 1.4MHz / 64QAM/ Mid CH



B2 / 1.4MHz / QPSK/ High CH



B2 / 1.4MHz / 16QAM/ High CH



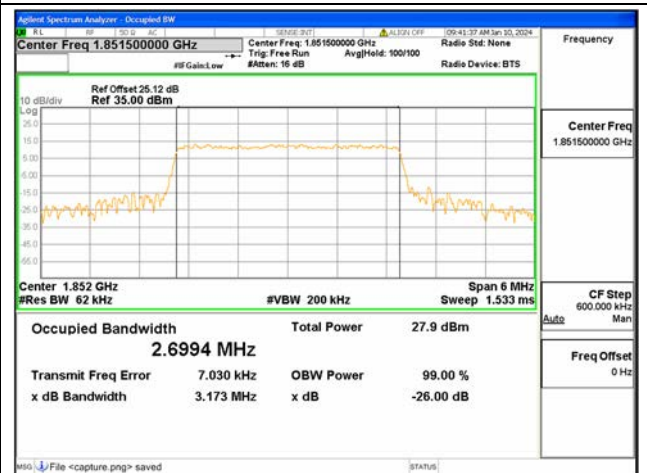
B2 / 1.4MHz / 64QAM/ High CH



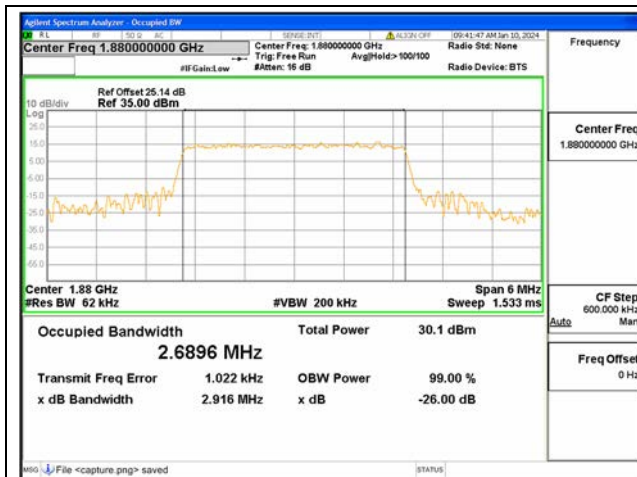
B2 / 3MHz / QPSK/ Low CH



B2 / 3MHz / 16QAM/ Low CH



B2 / 3MHz / 64QAM/ Low CH



B2 / 3MHz / QPSK/ Mid CH



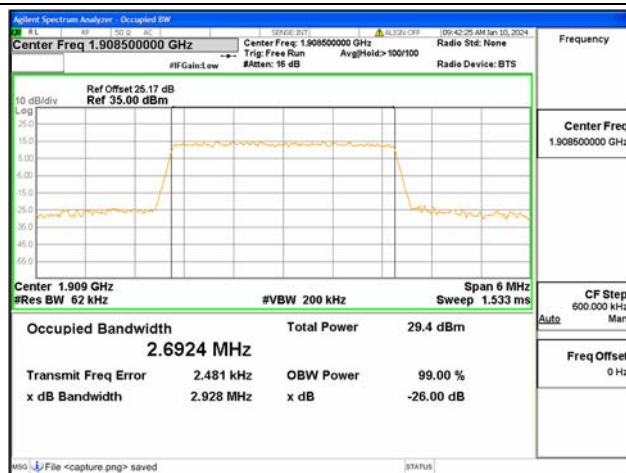
B2 / 3MHz / 16QAM/ Mid CH



B2 / 3MHz / 64QAM/ Mid CH



B2 / 3MHz / QPSK/ High CH



B2 / 3MHz / 16QAM/ High CH



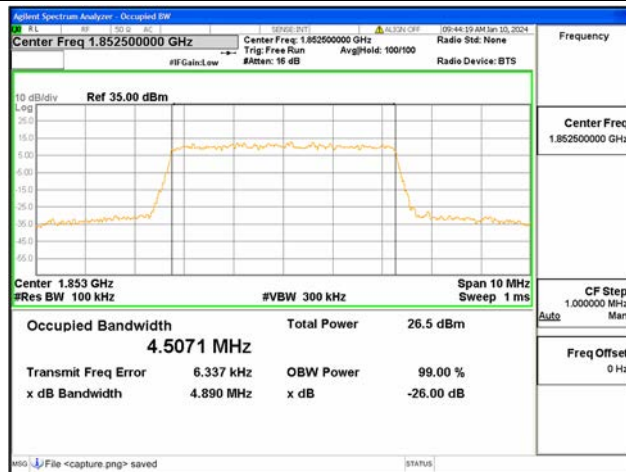
B2 / 3MHz / 64QAM/ High CH



B2 / 5MHz / QPSK/ Low CH



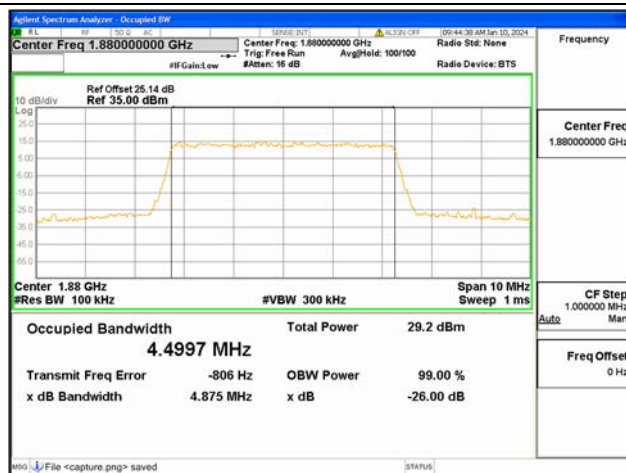
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B2 / 5MHz / 64QAM/ Low CH



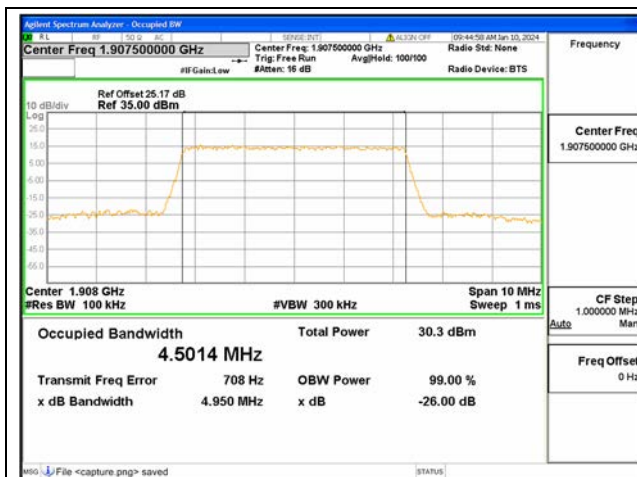
B2 / 5MHz / QPSK/ Mid CH



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



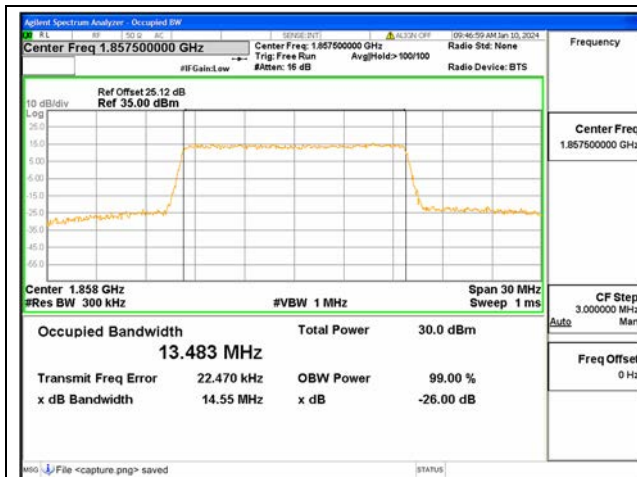
B2 / 10MHz / QPSK/ High CH



B2 / 10MHz / 16QAM/ High CH



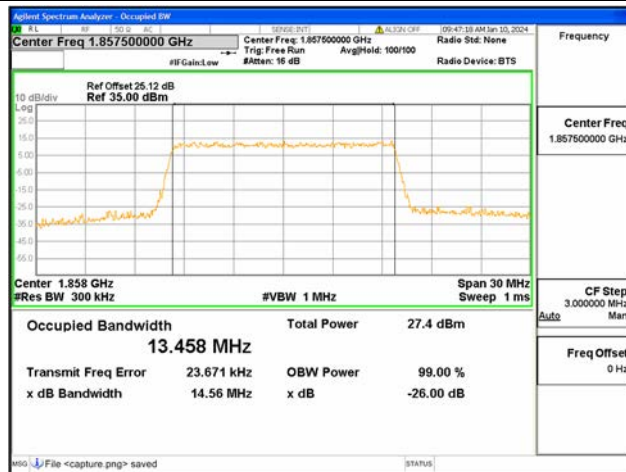
B2 / 10MHz / 64QAM/ High CH



B2 / 15MHz / QPSK/ Low CH



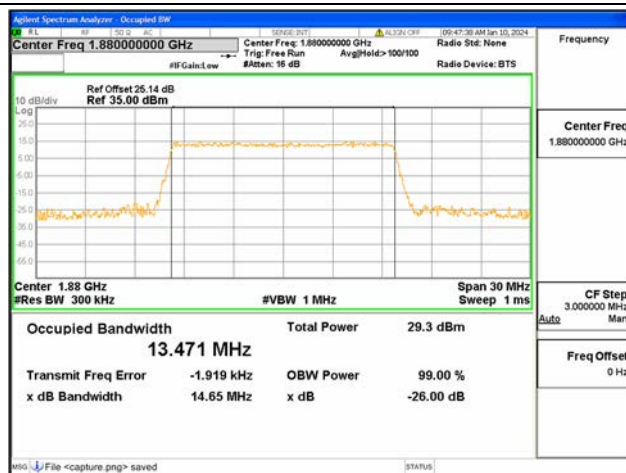
B2 / 15MHz / 16QAM/ Low CH



B2 / 15MHz / 64QAM/ Low CH



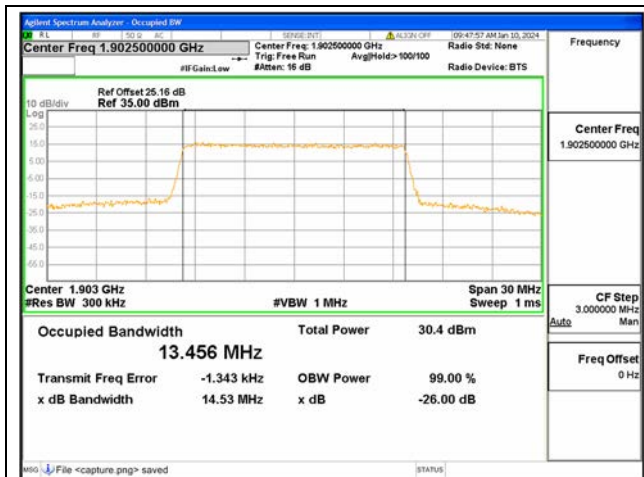
B2 / 15MHz / QPSK/ Mid CH



B2 / 15MHz / 16QAM/ Mid CH



B2 / 15MHz / 64QAM/ Mid CH



B2 / 15MHz / QPSK/ High CH



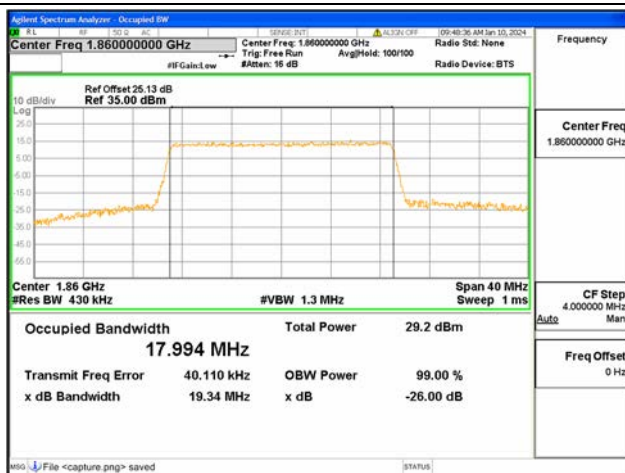
B2 / 15MHz / 16QAM/ High CH



B2 / 15MHz / 64QAM/ High CH



B2 / 20MHz / QPSK/ Low CH



B2 / 20MHz / 16QAM/ Low CH



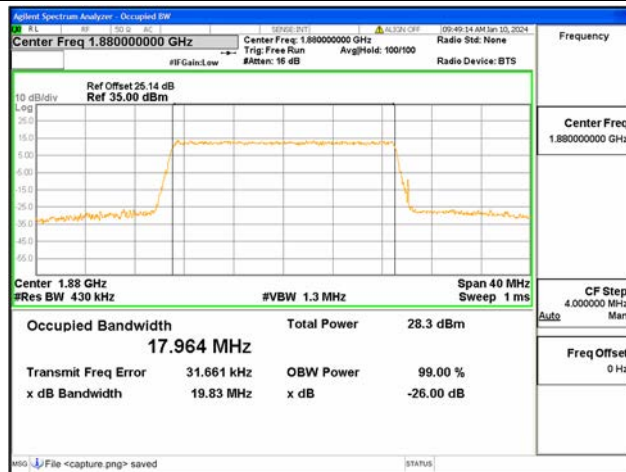
B2 / 20MHz / 64QAM/ Low CH



B2 / 20MHz / QPSK/ Mid CH



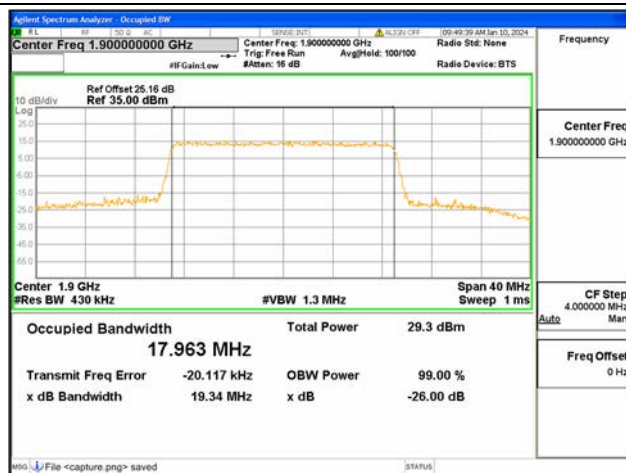
B2 / 20MHz / 16QAM/ Mid CH



B2 / 20MHz / 64QAM/ Mid CH



B2 / 20MHz / QPSK/ High CH



B2 / 20MHz / 16QAM/ High CH



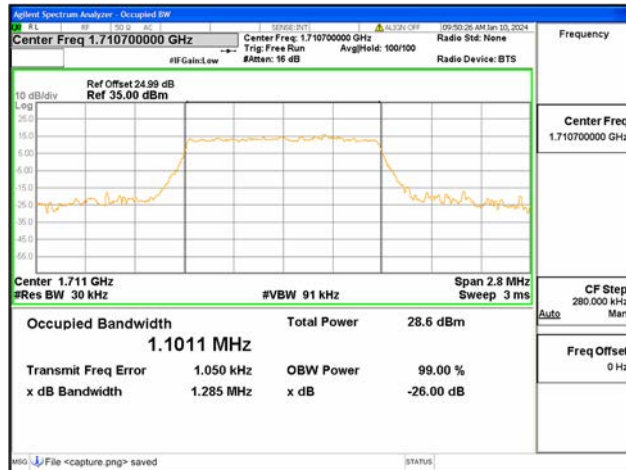
B2 / 20MHz / 64QAM/ High CH



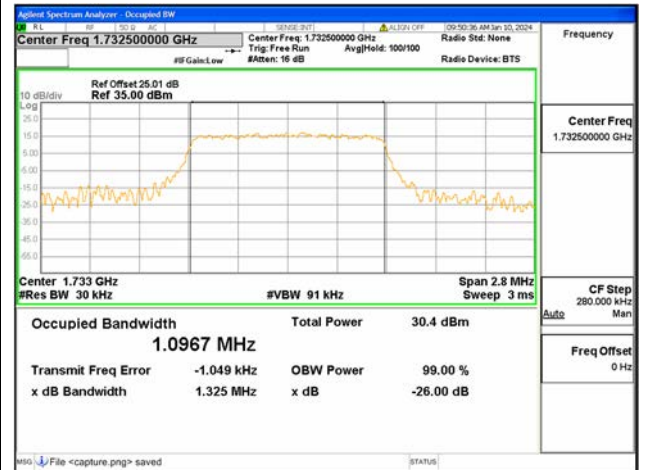
B4 / 1.4MHz / QPSK/ Low CH



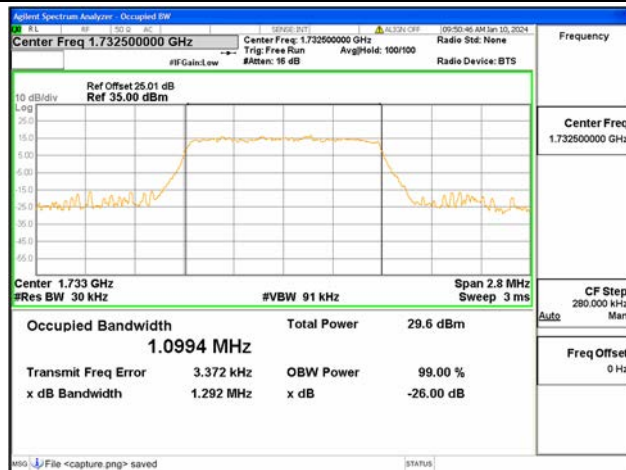
B4 / 1.4MHz / 16QAM/ Low CH



B4 / 1.4MHz / 64QAM/ Low CH



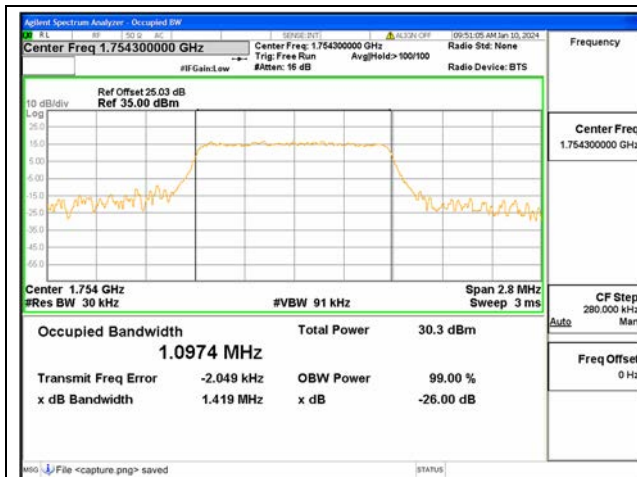
B4 / 1.4MHz / QPSK/ Mid CH



B4 / 1.4MHz / 16QAM/ Mid CH



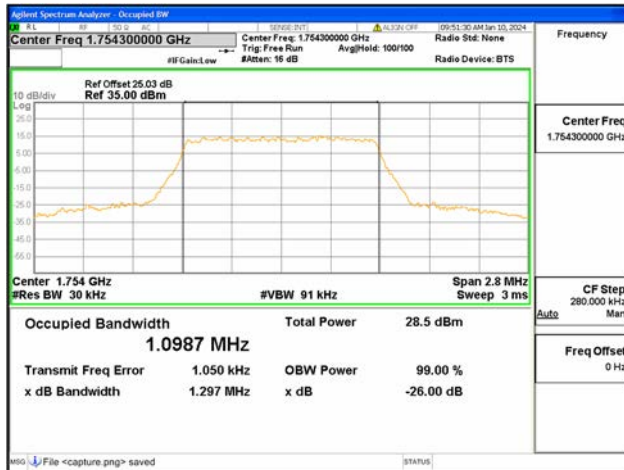
B4 / 1.4MHz / 64QAM/ Mid CH



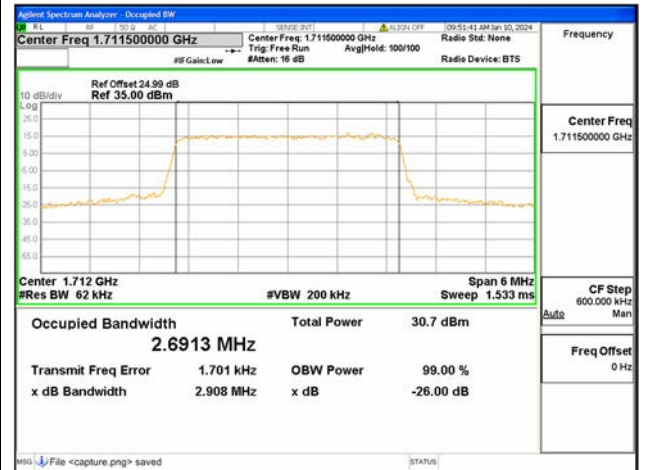
B4 / 1.4MHz / QPSK/ High CH



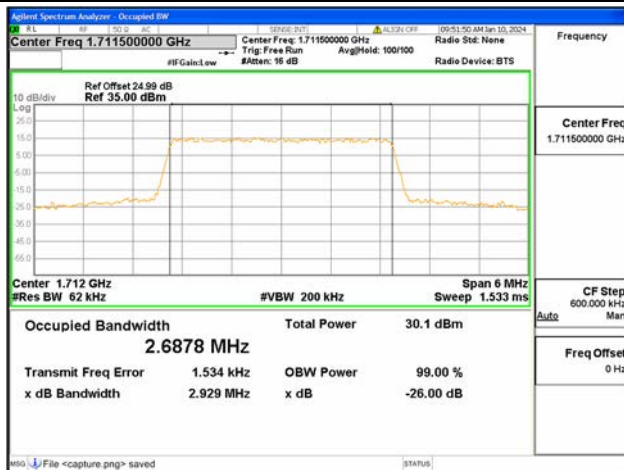
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B4 / 1.4MHz / 64QAM/ High CH



B4 / 3MHz / QPSK/ Low CH



B4 / 3MHz / 16QAM/ Low CH



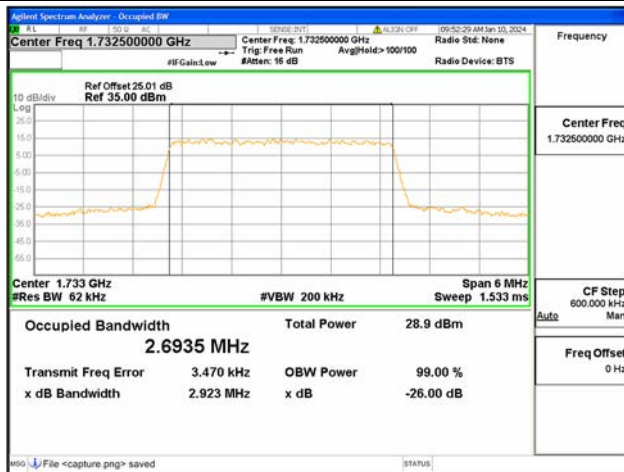
B4 / 3MHz / 64QAM/ Low CH



B4 / 3MHz / QPSK/ Mid CH



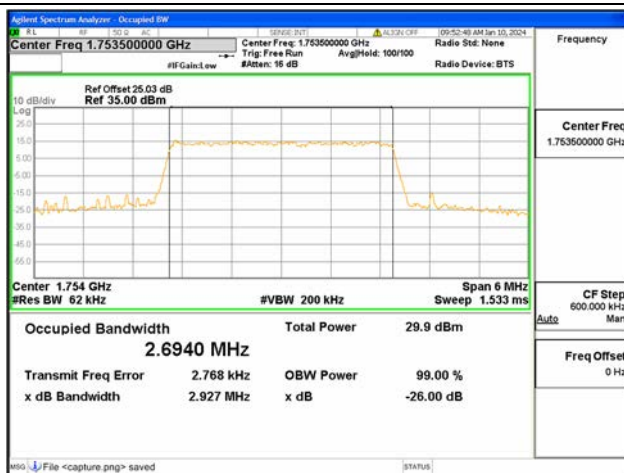
B4 / 3MHz / 16QAM/ Mid CH



B4 / 3MHz / 64QAM/ Mid CH



B4 / 3MHz / QPSK/ High CH



B4 / 3MHz / 16QAM/ High CH



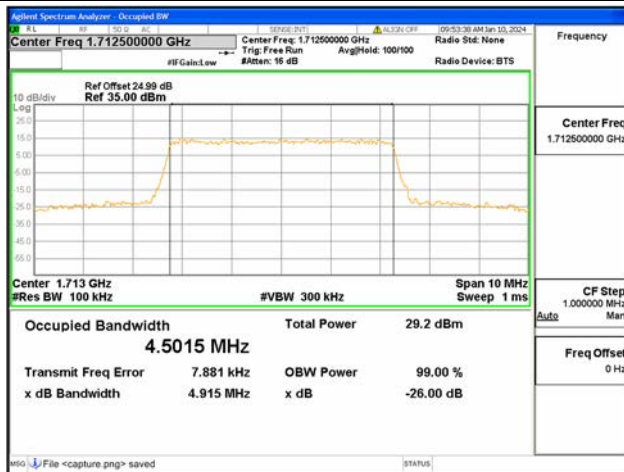
B4 / 3MHz / 64QAM/ High CH



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



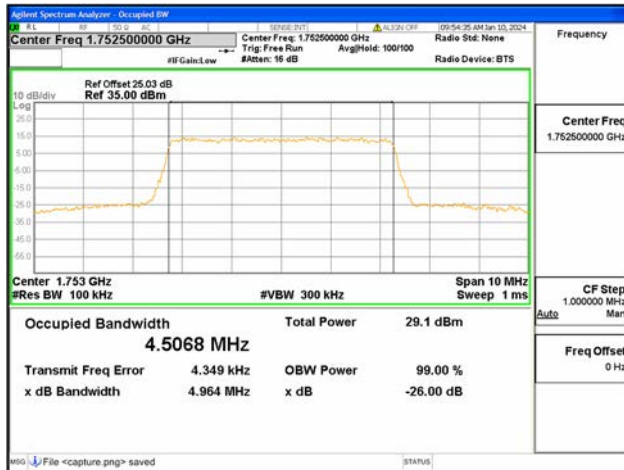
B4 / 5MHz / 64QAM/ Mid CH



B4 / 5MHz / QPSK/ High CH



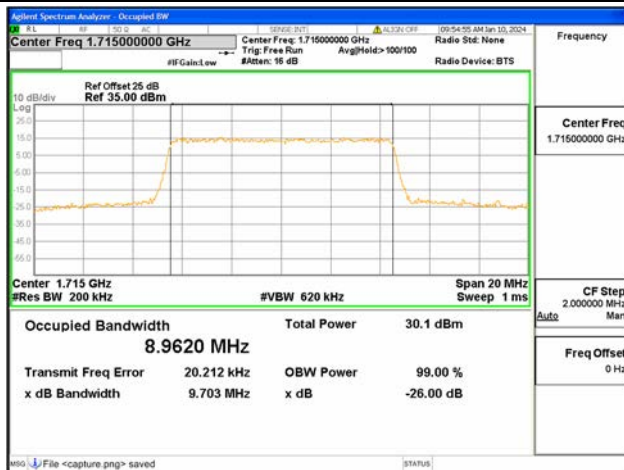
B4 / 5MHz / 16QAM/ High CH



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



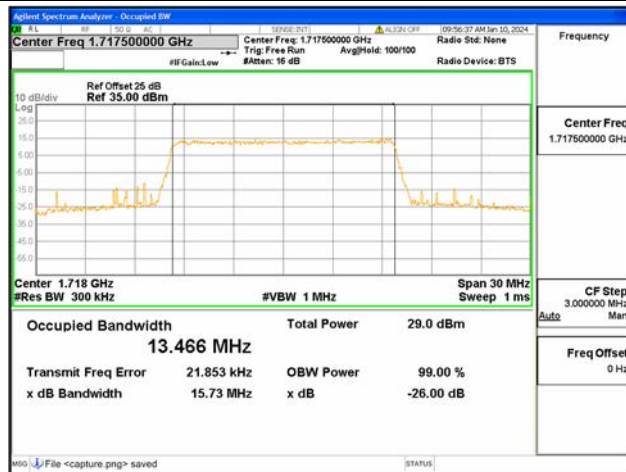
B4 / 10MHz / 64QAM/ High CH



B4 / 15MHz / QPSK/ Low CH



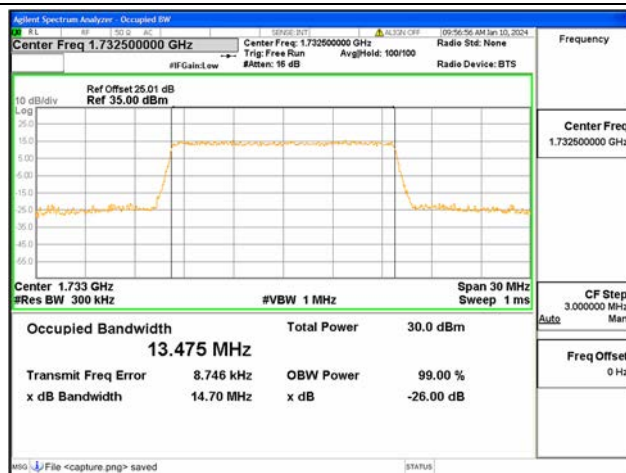
B4 / 15MHz / 16QAM/ Low CH



B4 / 15MHz / 64QAM/ Low CH



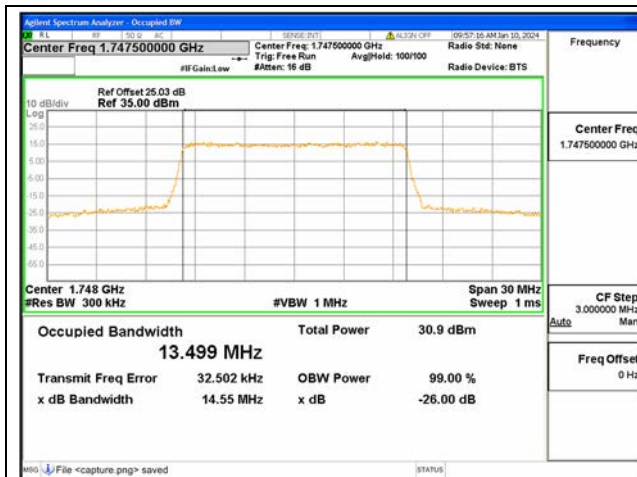
B4 / 15MHz / QPSK/ Mid CH



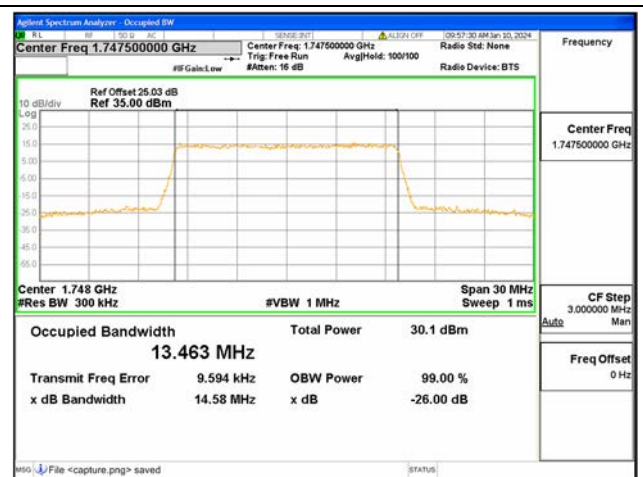
B4 / 15MHz / 16QAM/ Mid CH



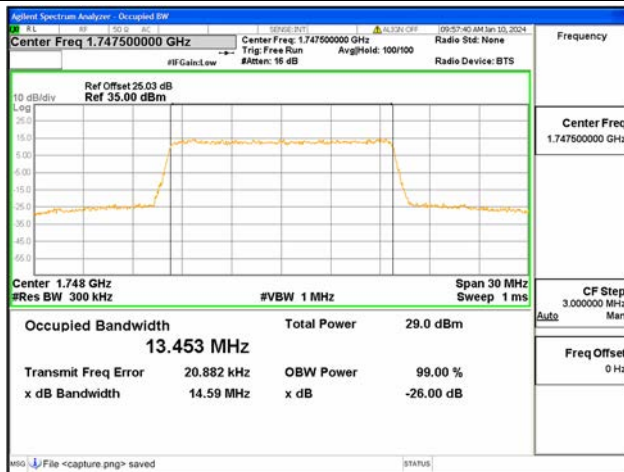
B4 / 15MHz / 64QAM/ Mid CH



B4 / 15MHz / QPSK/ High CH



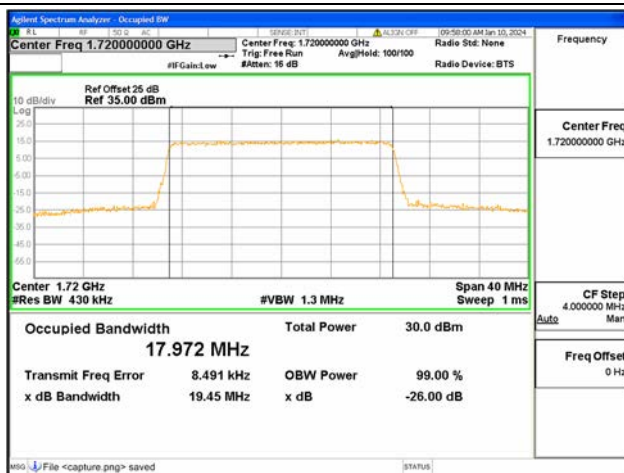
B4 / 15MHz / 16QAM/ High CH



B4 / 15MHz / 64QAM/ High CH



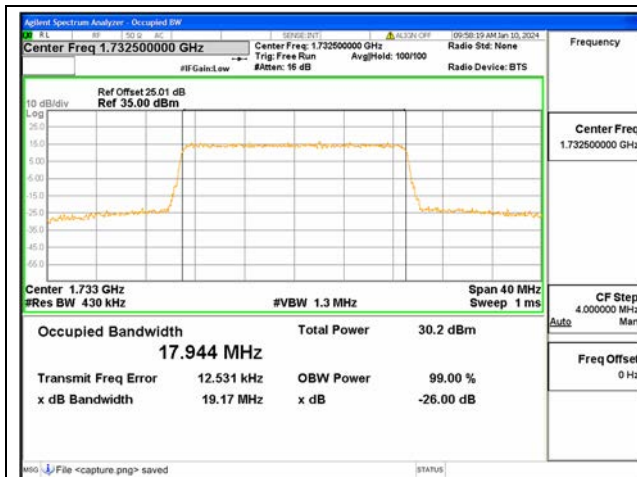
B4 / 20MHz / QPSK/ Low CH



B4 / 20MHz / 16QAM/ Low CH



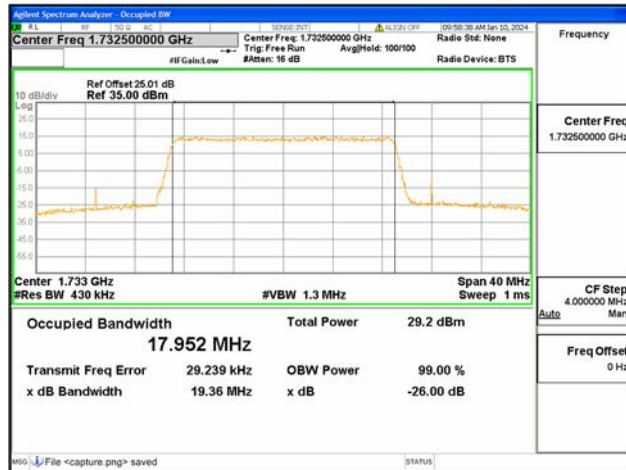
B4 / 20MHz / 64QAM/ Low CH



B4 / 20MHz / QPSK/ Mid CH



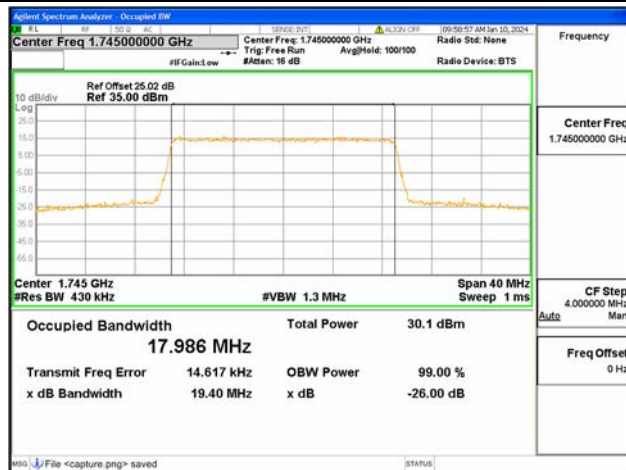
B4 / 20MHz / 16QAM/ Mid CH



B4 / 20MHz / 64QAM/ Mid CH



B4 / 20MHz / QPSK/ High CH



B4 / 20MHz / 16QAM/ High CH



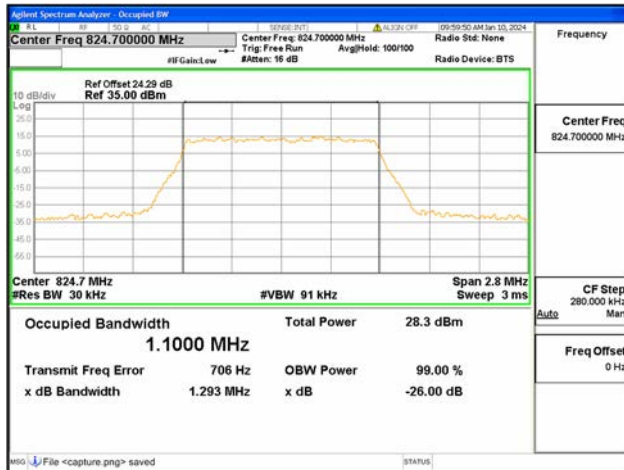
B4 / 20MHz / 64QAM/ High CH



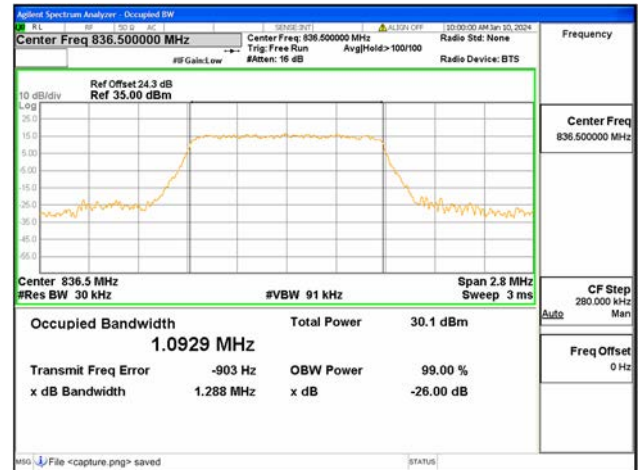
B5 / 1.4MHz / QPSK/ Low CH



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