



TEST REPORT

APPLICANT : BLU Products, Inc.

PRODUCT NAME : Smart Phone

MODEL NAME : G63

BRAND NAME : BLU

FCC ID : YHLBLUG63WW

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

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Change History		
Version	Date	Reason for change
1.0	2023-06-21	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 #200 Doral, FL 33166, USA
Manufacturer:	BLU Products, Inc.
Manufacturer Address:	8600 NW 36th Street, Suite #200 Doral, FL 33166, USA

1.2. Equipment Under Test (EUT) Description

Product Name:	Smart Phone	
Sample No.:	6#	
Hardware Version:	FS310-MB-V1.1	
Software Version:	BLU_G0870_V13.0.03.01_GENERIC_05-05-2023_1855	
Modulation Type:	QPSK, 16QAM, 64QAM	
Carrier Aggregation:	Not Support	
Operation Band:	Band 2 / 4 / 5 / 7 / 12 / 17 / 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 7	Tx: 2500MHz–2570MHz
		Rx: 2620MHz–2690MHz
	LTE Band 12	Tx: 699MHz - 716MHz
		Rx: 729MHz – 746MHz
	LTE Band 17	Tx: 704MHz - 716MHz
		Rx: 734MHz – 746MHz
	LTE Band 66	Tx: 1710MHz –1780MHz
		Rx: 2110MHz –2200MHz
LTE Band 71	Tx: 663MHz –698MHz	
	Rx: 617MHz –652MHz	



Channel Bandwidth:	LTE Band 2	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
	LTE Band 4	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
	LTE Band 5	1.4MHz, 3MHz, 5MHz, 10MHz
	LTE Band 7	5 MHz, 10MHz, 15MHz, 20MHz
	LTE Band 12	1.4MHz, 3 MHz, 5 MHz, 10MHz
	LTE Band 17	5 MHz, 10MHz
	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	-0.30dBi
	LTE Band 4	-0.90dBi
	LTE Band 5	-0.40dBi
	LTE Band 7	-0.40dBi
	LTE Band 12	-0.70dBi
	LTE Band 17	-0.70dBi
	LTE Band 66	-0.90dBi
	LTE Band 71	-2.60dBi
Accessory Information:	Battery	
	Brand Name:	BLU
	Model No.:	C966548501P
	Serial No.:	N/A
	Capacity:	5000mAh
	Rated Voltage:	3.85V
	Charge Limit:	4.40V
	Manufacturer:	Shenzhen Jiuliyuan Electronic Technology Co., Ltd.
	AC Adapter	
	Brand Name:	BLU
	Model No.:	US-WW-2001
	Serial No.:	N/A
	Rated Output:	5V \Rightarrow 2000mA
	Rated Input:	100-240V \sim 50/60Hz, 0.4A
	Manufacturer:	SHENZHEN NANBANG 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	0.148	0.113	0.133	18M0G7D	18M0W7D	18M0W7D	
15	0.147	0.112	0.132	13M5G7D	13M5W7D	13M5W7D	
10	0.146	0.111	0.131	9M02G7D	8M98W7D	9M02W7D	
5	0.145	0.110	0.130	4M50G7D	4M51W7D	4M51W7D	
3	0.144	0.110	0.129	2M72G7D	2M72W7D	2M71W7D	
1.4	0.143	0.108	0.128	1M10G7D	1M10W7D	1M10W7D	
LTE Band 4		Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	
20	0.124	0.104	0.078	18M0G7D	18M0W7D	18M0W7D	
15	0.123	0.104	0.077	13M5G7D	13M5W7D	13M5W7D	
10	0.122	0.103	0.077	9M03G7D	8M98W7D	9M00W7D	
5	0.120	0.101	0.076	4M50G7D	4M50W7D	4M50W7D	
3	0.120	0.102	0.076	2M72G7D	2M71W7D	2M71W7D	
1.4	0.122	0.103	0.078	1M10G7D	1M10W7D	1M10W7D	
LTE Band 5		Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	
10	0.106	0.090	0.065	9M04G7D	8M98W7D	9M03W7D	
5	0.105	0.089	0.064	4M50G7D	4M50W7D	4M51W7D	
3	0.104	0.087	0.064	2M72G7D	2M72W7D	2M71W7D	
1.4	0.104	0.087	0.064	1M10G7D	1M10W7D	1M10W7D	
LTE Band 7		Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	
20	0.102	0.085	0.067	18M0G7D	18M0W7D	18M0W7D	
15	0.101	0.084	0.066	13M5G7D	13M5W7D	13M5W7D	
10	0.101	0.084	0.066	9M02G7D	8M98W7D	9M01W7D	
5	0.101	0.084	0.066	4M51G7D	4M51W7D	4M51W7D	
LTE Band 12		Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	
10	0.099	0.081	0.063	9M03G7D	8M98W7D	9M01W7D	
5	0.097	0.081	0.062	4M50G7D	4M50W7D	4M51W7D	
3	0.096	0.080	0.061	2M72G7D	2M71W7D	2M72W7D	
1.4	0.095	0.079	0.061	1M10G7D	1M10W7D	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	0.098	0.081	0.061	9M04G7D	8M99W7D	9M03W7D
5	0.097	0.081	0.061	4M50G7D	4M51W7D	4M51W7D
LTE Band 66	Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20	0.132	0.112	0.085	18M0G7D	18M0W7D	18M0W7D
15	0.130	0.112	0.084	13M5G7D	13M5W7D	13M5W7D
10	0.129	0.111	0.083	9M02G7D	8M98W7D	9M00W7D
5	0.128	0.110	0.083	4M51G7D	4M50W7D	4M51W7D
3	0.128	0.109	0.082	2M71G7D	2M72W7D	2M71W7D
1.4	0.128	0.109	0.082	1M10G7D	1M10W7D	1M11W7D
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	0.061	0.052	0.038	18M1G7D	18M1W7D	18M1W7D
15	0.061	0.051	0.037	13M6G7D	13M5W7D	13M5W7D
10	0.061	0.052	0.037	9M05G7D	8M98W7D	9M02W7D
5	0.060	0.051	0.037	4M50G7D	4M50W7D	4M50W7D



1.4. Test Standards and Results

The objective of the report is to perform testing according to Part 2, Part 22, Part 24, 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(c)(10) 27.50(d)(4) 27.50(h)(2)	Transmitter Conducted Output Power and E.R.P./E.I.R.P.	May 30, 2023	Chen Hao Li Huaijie	PASS	No deviation
2.1049	Occupied Bandwidth	May 10, 2023	Li Huaijie	PASS	No deviation
2.1055 22.355 24.235 27.54	Frequency Stability	May 12, 2023	Li Huaijie	PASS	No deviation
24.232(d), 27.50(d)(5)	Peak to Average Radio	May 10, 2023	Li Huaijie	PASS	No deviation
2.1051 22.917(a) 24.238(a) 27.53(g) 27.53(h) 27.53(m)(4)	Conducted Spurious Emissions	May 10, 2023	Li Huaijie	PASS	No deviation
2.1051 22.917(a) 24.238(a) 27.53(g)	Band Edge	May 10, 2023	Li Huaijie	PASS	No deviation



27.53(h) 27.53(m)(4)					
2.1053 22.917(a) 24.238(a) 27.53(g) 27.53(h) 27.53(m)(4)	Radiated Spurious Emissions	May 30, 2023	Lin Jiayong	PASS	No deviation

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

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

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

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

1.5. Environmental Conditions

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

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



2.47 CFR Part 2, Part 22H, Part 24E, Part 27 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, 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, the E.R.P. of mobile transmitters and auxiliary test transmitters must not exceed 7 watts.

According to FCC section 27.50 (h)(2) for LTE Band 7, 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 (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.



2.1.4. Result

Conducted Output Power:

LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18700	18900	19100
Frequency (MHz)				1860	1880	1900
20	QPSK	1	0	21.93	22.01	21.99
20	QPSK	1	49	21.92	21.96	21.91
20	QPSK	1	99	21.86	21.93	21.83
20	QPSK	50	0	21.22	21.30	21.15
20	QPSK	50	24	21.20	21.10	21.12
20	QPSK	50	50	21.22	21.20	21.11
20	QPSK	100	0	21.20	21.22	21.13
20	16QAM	1	0	20.68	20.82	20.68
20	16QAM	1	49	20.63	20.81	20.67
20	16QAM	1	99	20.63	20.74	20.65
20	16QAM	50	0	19.98	20.06	19.95
20	16QAM	50	24	20.04	20.09	19.93
20	16QAM	50	50	19.99	20.05	19.97
20	16QAM	100	0	19.95	20.11	19.94
20	64QAM	1	0	21.42	21.53	21.40
20	64QAM	1	49	21.36	21.49	21.36
20	64QAM	1	99	21.33	21.51	21.34
20	64QAM	50	0	18.51	18.69	18.54
20	64QAM	50	24	18.58	18.62	18.61
20	64QAM	50	50	18.56	18.66	18.59
20	64QAM	100	0	18.54	18.69	18.49



LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18675	18900	19125
Frequency (MHz)				1857.5	1880	1902.5
15	QPSK	1	0	21.90	21.98	21.96
15	QPSK	1	37	21.89	21.93	21.88
15	QPSK	1	74	21.83	21.90	21.80
15	QPSK	36	0	21.19	21.27	21.12
15	QPSK	36	20	21.17	21.07	21.09
15	QPSK	36	39	21.19	21.17	21.08
15	QPSK	75	0	21.17	21.19	21.10
15	16QAM	1	0	20.65	20.79	20.65
15	16QAM	1	37	20.60	20.78	20.64
15	16QAM	1	74	20.60	20.71	20.62
15	16QAM	36	0	19.95	20.03	19.92
15	16QAM	36	20	20.01	20.06	19.90
15	16QAM	36	39	19.96	20.02	19.94
15	16QAM	75	0	19.92	20.08	19.91
15	64QAM	1	0	21.39	21.50	21.37
15	64QAM	1	37	21.33	21.46	21.33
15	64QAM	1	74	21.30	21.48	21.31
15	64QAM	36	0	18.48	18.66	18.51
15	64QAM	36	20	18.55	18.59	18.58
15	64QAM	36	39	18.53	18.63	18.56
15	64QAM	75	0	18.51	18.66	18.46



LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18650	18900	19150
Frequency (MHz)				1855	1880	1905
10	QPSK	1	0	21.87	21.95	21.93
10	QPSK	1	25	21.86	21.90	21.85
10	QPSK	1	49	21.80	21.87	21.77
10	QPSK	25	0	21.16	21.24	21.09
10	QPSK	25	12	21.14	21.04	21.06
10	QPSK	25	25	21.16	21.14	21.05
10	QPSK	50	0	21.14	21.16	21.07
10	16QAM	1	0	20.62	20.76	20.62
10	16QAM	1	25	20.57	20.75	20.61
10	16QAM	1	49	20.57	20.68	20.59
10	16QAM	25	0	19.92	20.00	19.89
10	16QAM	25	12	19.98	20.03	19.87
10	16QAM	25	25	19.93	19.99	19.91
10	16QAM	50	0	19.89	20.05	19.88
10	64QAM	1	0	21.36	21.47	21.34
10	64QAM	1	25	21.30	21.43	21.30
10	64QAM	1	49	21.27	21.45	21.28
10	64QAM	25	0	18.45	18.63	18.48
10	64QAM	25	12	18.52	18.56	18.55
10	64QAM	25	25	18.50	18.60	18.53
10	64QAM	50	0	18.48	18.63	18.43



LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18625	18900	19175
Frequency (MHz)				1852.5	1880	1907.5
5	QPSK	1	0	21.84	21.92	21.90
5	QPSK	1	12	21.83	21.87	21.82
5	QPSK	1	24	21.77	21.84	21.74
5	QPSK	12	0	21.13	21.21	21.06
5	QPSK	12	7	21.11	21.01	21.03
5	QPSK	12	13	21.13	21.11	21.02
5	QPSK	25	0	21.11	21.13	21.04
5	16QAM	1	0	20.59	20.73	20.59
5	16QAM	1	12	20.54	20.72	20.58
5	16QAM	1	24	20.54	20.65	20.56
5	16QAM	12	0	19.89	19.97	19.86
5	16QAM	12	7	19.95	20.00	19.84
5	16QAM	12	13	19.90	19.96	19.88
5	16QAM	25	0	19.86	20.02	19.85
5	64QAM	1	0	21.33	21.44	21.31
5	64QAM	1	12	21.27	21.40	21.27
5	64QAM	1	24	21.24	21.42	21.25
5	64QAM	12	0	18.42	18.60	18.45
5	64QAM	12	7	18.49	18.53	18.52
5	64QAM	12	13	18.47	18.57	18.50
5	64QAM	25	0	18.45	18.60	18.40



LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18615	18900	19185
Frequency (MHz)				1851.5	1880	1908.5
3	QPSK	1	0	21.81	21.89	21.87
3	QPSK	1	8	21.80	21.84	21.79
3	QPSK	1	14	21.74	21.81	21.71
3	QPSK	8	0	21.10	21.18	21.03
3	QPSK	8	4	21.08	20.98	21.00
3	QPSK	8	7	21.10	21.08	20.99
3	QPSK	15	0	21.08	21.10	21.01
3	16QAM	1	0	20.56	20.70	20.56
3	16QAM	1	8	20.51	20.69	20.55
3	16QAM	1	14	20.51	20.62	20.53
3	16QAM	8	0	19.86	19.94	19.83
3	16QAM	8	4	19.92	19.97	19.81
3	16QAM	8	7	19.87	19.93	19.85
3	16QAM	15	0	19.83	19.99	19.82
3	64QAM	1	0	21.30	21.41	21.28
3	64QAM	1	8	21.24	21.37	21.24
3	64QAM	1	14	21.21	21.39	21.22
3	64QAM	8	0	18.39	18.57	18.42
3	64QAM	8	4	18.46	18.50	18.49
3	64QAM	8	7	18.44	18.54	18.47
3	64QAM	15	0	18.42	18.57	18.37



LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18607	18900	19193
Frequency (MHz)				1850.7	1880	1909.3
1.4	QPSK	1	0	21.76	21.84	21.82
1.4	QPSK	1	3	21.75	21.79	21.74
1.4	QPSK	1	5	21.69	21.76	21.66
1.4	QPSK	3	0	21.05	21.13	20.98
1.4	QPSK	3	1	21.03	20.93	20.95
1.4	QPSK	3	3	21.05	21.03	20.94
1.4	QPSK	6	0	21.03	21.05	20.96
1.4	16QAM	1	0	20.51	20.65	20.51
1.4	16QAM	1	3	20.46	20.64	20.50
1.4	16QAM	1	5	20.46	20.57	20.48
1.4	16QAM	3	0	19.81	19.89	19.78
1.4	16QAM	3	1	19.87	19.92	19.76
1.4	16QAM	3	3	19.82	19.88	19.80
1.4	16QAM	6	0	19.78	19.94	19.77
1.4	64QAM	1	0	21.25	21.36	21.23
1.4	64QAM	1	3	21.19	21.32	21.19
1.4	64QAM	1	5	21.16	21.34	21.17
1.4	64QAM	3	0	18.34	18.52	18.37
1.4	64QAM	3	1	18.41	18.45	18.44
1.4	64QAM	3	3	18.39	18.49	18.42
1.4	64QAM	6	0	18.37	18.52	18.32



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20050	20175	20300
Frequency (MHz)				1720	1732.5	1745
20	QPSK	1	0	21.68	21.83	21.67
20	QPSK	1	49	21.72	21.75	21.65
20	QPSK	1	99	21.67	21.69	21.71
20	QPSK	50	0	20.94	21.01	20.97
20	QPSK	50	24	20.84	20.99	20.94
20	QPSK	50	50	20.83	20.97	20.84
20	QPSK	100	0	20.88	20.98	20.85
20	16QAM	1	0	20.99	21.05	20.96
20	16QAM	1	49	20.87	21.02	21.00
20	16QAM	1	99	20.93	21.04	20.93
20	16QAM	50	0	19.90	19.91	19.88
20	16QAM	50	24	19.80	19.83	19.91
20	16QAM	50	50	19.72	19.81	19.84
20	16QAM	100	0	19.70	19.79	19.76
20	64QAM	1	0	19.73	19.82	19.73
20	64QAM	1	49	19.80	19.72	19.79
20	64QAM	1	99	19.75	19.77	19.66
20	64QAM	50	0	18.37	18.44	18.33
20	64QAM	50	24	18.30	18.36	18.27
20	64QAM	50	50	18.28	18.29	18.25
20	64QAM	100	0	18.29	18.34	18.30



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20025	20175	20325
Frequency (MHz)				1717.5	1732.5	1747.5
15	QPSK	1	0	21.62	21.79	21.67
15	QPSK	1	37	21.73	21.70	21.64
15	QPSK	1	74	21.63	21.63	21.72
15	QPSK	36	0	20.95	21.00	20.97
15	QPSK	36	20	20.80	20.98	20.93
15	QPSK	36	39	20.78	20.93	20.84
15	QPSK	75	0	20.87	20.94	20.86
15	16QAM	1	0	20.95	21.05	20.94
15	16QAM	1	37	20.84	20.99	20.96
15	16QAM	1	74	20.92	21.03	20.87
15	16QAM	36	0	19.85	19.91	19.84
15	16QAM	36	20	19.79	19.79	19.90
15	16QAM	36	39	19.70	19.77	19.82
15	16QAM	75	0	19.67	19.75	19.73
15	64QAM	1	0	19.73	19.77	19.73
15	64QAM	1	37	19.79	19.69	19.79
15	64QAM	1	74	19.73	19.75	19.64
15	64QAM	36	0	18.36	18.38	18.29
15	64QAM	36	20	18.31	18.31	18.28
15	64QAM	36	39	18.22	18.27	18.22
15	64QAM	75	0	18.28	18.34	18.26



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20000	20175	20350
Frequency (MHz)				1715	1732.5	1750
10	QPSK	1	0	21.54	21.76	21.65
10	QPSK	1	25	21.70	21.68	21.60
10	QPSK	1	49	21.57	21.58	21.67
10	QPSK	25	0	20.90	20.94	20.92
10	QPSK	25	12	20.74	20.92	20.84
10	QPSK	25	25	20.71	20.86	20.77
10	QPSK	50	0	20.80	20.91	20.84
10	16QAM	1	0	20.92	21.02	20.87
10	16QAM	1	25	20.80	20.95	20.89
10	16QAM	1	49	20.87	21.01	20.84
10	16QAM	25	0	19.83	19.86	19.76
10	16QAM	25	12	19.74	19.70	19.87
10	16QAM	25	25	19.61	19.72	19.80
10	16QAM	50	0	19.64	19.69	19.69
10	64QAM	1	0	19.69	19.73	19.68
10	64QAM	1	25	19.75	19.62	19.71
10	64QAM	1	49	19.70	19.69	19.55
10	64QAM	25	0	18.33	18.32	18.24
10	64QAM	25	12	18.28	18.28	18.22
10	64QAM	25	25	18.16	18.21	18.19
10	64QAM	50	0	18.20	18.25	18.19



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				19975	20175	20375
Frequency (MHz)				1712.5	1732.5	1752.5
5	QPSK	1	0	21.48	21.69	21.58
5	QPSK	1	12	21.65	21.63	21.53
5	QPSK	1	24	21.53	21.49	21.61
5	QPSK	12	0	20.81	20.92	20.87
5	QPSK	12	7	20.70	20.89	20.79
5	QPSK	12	13	20.64	20.83	20.69
5	QPSK	25	0	20.72	20.87	20.78
5	16QAM	1	0	20.84	20.95	20.84
5	16QAM	1	12	20.75	20.86	20.80
5	16QAM	1	24	20.85	20.96	20.77
5	16QAM	12	0	19.74	19.82	19.74
5	16QAM	12	7	19.67	19.66	19.79
5	16QAM	12	13	19.56	19.66	19.76
5	16QAM	25	0	19.61	19.65	19.62
5	64QAM	1	0	19.66	19.69	19.63
5	64QAM	1	12	19.67	19.55	19.66
5	64QAM	1	24	19.64	19.67	19.52
5	64QAM	12	0	18.27	18.26	18.16
5	64QAM	12	7	18.21	18.20	18.13
5	64QAM	12	13	18.14	18.15	18.15
5	64QAM	25	0	18.16	18.23	18.10



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				19965	20175	20385
Frequency (MHz)				1711.5	1732.5	1753.5
3	QPSK	1	0	21.48	21.68	21.57
3	QPSK	1	8	21.65	21.60	21.54
3	QPSK	1	14	21.49	21.52	21.62
3	QPSK	8	0	20.88	20.89	20.87
3	QPSK	8	4	20.68	20.85	20.79
3	QPSK	8	7	20.65	20.82	20.69
3	QPSK	15	0	20.73	20.86	20.77
3	16QAM	1	0	20.89	21.00	20.83
3	16QAM	1	8	20.73	20.90	20.83
3	16QAM	1	14	20.79	20.99	20.80
3	16QAM	8	0	19.78	19.80	19.72
3	16QAM	8	4	19.72	19.63	19.82
3	16QAM	8	7	19.52	19.68	19.77
3	16QAM	15	0	19.60	19.62	19.64
3	64QAM	1	0	19.61	19.70	19.62
3	64QAM	1	8	19.72	19.58	19.64
3	64QAM	1	14	19.65	19.64	19.48
3	64QAM	8	0	18.25	18.23	18.21
3	64QAM	8	4	18.23	18.25	18.20
3	64QAM	8	7	18.08	18.16	18.15
3	64QAM	15	0	18.14	18.17	18.15



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				19957	20175	20393
Frequency (MHz)				1710.7	1732.5	1754.3
1.4	QPSK	1	0	21.63	21.77	21.63
1.4	QPSK	1	3	21.66	21.70	21.61
1.4	QPSK	1	5	21.67	21.67	21.70
1.4	QPSK	3	0	20.90	21.01	20.92
1.4	QPSK	3	1	20.78	20.93	20.93
1.4	QPSK	3	3	20.82	20.95	20.80
1.4	QPSK	6	0	20.88	20.96	20.82
1.4	16QAM	1	0	21.00	21.01	20.95
1.4	16QAM	1	3	20.88	21.02	20.95
1.4	16QAM	1	5	20.89	21.00	20.91
1.4	16QAM	3	0	19.88	19.88	19.85
1.4	16QAM	3	1	19.81	19.80	19.86
1.4	16QAM	3	3	19.73	19.80	19.79
1.4	16QAM	6	0	19.71	19.79	19.70
1.4	64QAM	1	0	19.70	19.81	19.71
1.4	64QAM	1	3	19.81	19.66	19.77
1.4	64QAM	1	5	19.71	19.72	19.65
1.4	64QAM	3	0	18.46	18.44	18.48
1.4	64QAM	3	1	18.38	18.45	18.35
1.4	64QAM	3	3	18.36	18.39	18.31
1.4	64QAM	6	0	18.25	18.33	18.25



LTE Band 5						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20450	20525	20600
Frequency (MHz)				829	836.5	844
10	QPSK	1	0	22.69	22.81	22.76
10	QPSK	1	25	22.73	22.73	22.71
10	QPSK	1	49	22.71	22.68	22.61
10	QPSK	25	0	21.96	22.00	21.87
10	QPSK	25	12	21.92	21.89	21.85
10	QPSK	25	25	21.81	21.84	21.79
10	QPSK	50	0	21.81	21.90	21.86
10	16QAM	1	0	22.04	22.09	21.97
10	16QAM	1	25	21.99	21.97	21.95
10	16QAM	1	49	22.00	22.05	21.87
10	16QAM	25	0	20.89	20.95	20.90
10	16QAM	25	12	20.78	20.86	20.76
10	16QAM	25	25	20.83	20.81	20.75
10	16QAM	50	0	20.68	20.75	20.80
10	64QAM	1	0	20.62	20.71	20.60
10	64QAM	1	25	20.49	20.69	20.49
10	64QAM	1	49	20.46	20.47	20.36
10	64QAM	25	0	19.20	19.31	19.23
10	64QAM	25	12	19.12	19.19	19.09
10	64QAM	25	25	19.05	19.14	19.07
10	64QAM	50	0	19.06	19.14	19.05



LTE Band 5						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20425	20525	20625
Frequency (MHz)				826.5	836.5	846.5
5	QPSK	1	0	22.67	22.76	22.73
5	QPSK	1	12	22.67	22.64	22.66
5	QPSK	1	24	22.69	22.61	22.55
5	QPSK	12	0	21.91	21.93	21.80
5	QPSK	12	7	21.89	21.84	21.78
5	QPSK	12	13	21.75	21.77	21.74
5	QPSK	25	0	21.78	21.83	21.79
5	16QAM	1	0	21.95	22.02	21.91
5	16QAM	1	12	21.95	21.93	21.93
5	16QAM	1	24	21.93	22.01	21.82
5	16QAM	12	0	20.85	20.90	20.86
5	16QAM	12	7	20.76	20.82	20.68
5	16QAM	12	13	20.75	20.77	20.66
5	16QAM	25	0	20.61	20.71	20.75
5	64QAM	1	0	20.58	20.63	20.54
5	64QAM	1	12	20.46	20.63	20.43
5	64QAM	1	24	20.43	20.43	20.32
5	64QAM	12	0	19.13	19.25	19.17
5	64QAM	12	7	19.10	19.14	19.00
5	64QAM	12	13	19.01	19.09	19.05
5	64QAM	25	0	18.97	19.09	18.96



LTE Band 5						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20415	20525	20635
Frequency (MHz)				825.5	836.5	847.5
3	QPSK	1	0	22.65	22.69	22.71
3	QPSK	1	8	22.64	22.57	22.59
3	QPSK	1	14	22.64	22.55	22.49
3	QPSK	8	0	21.83	21.88	21.74
3	QPSK	8	4	21.86	21.81	21.73
3	QPSK	8	7	21.72	21.74	21.67
3	QPSK	15	0	21.75	21.80	21.70
3	16QAM	1	0	21.91	21.95	21.85
3	16QAM	1	8	21.87	21.84	21.90
3	16QAM	1	14	21.87	21.96	21.76
3	16QAM	8	0	20.81	20.88	20.83
3	16QAM	8	4	20.70	20.78	20.63
3	16QAM	8	7	20.72	20.71	20.61
3	16QAM	15	0	20.57	20.63	20.70
3	64QAM	1	0	20.50	20.58	20.45
3	64QAM	1	8	20.43	20.55	20.37
3	64QAM	1	14	20.36	20.37	20.24
3	64QAM	8	0	19.04	19.21	19.10
3	64QAM	8	4	19.06	19.07	18.91
3	64QAM	8	7	18.97	19.04	18.99
3	64QAM	15	0	18.94	19.05	18.90



LTE Band 5						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20407	20525	20643
Frequency (MHz)				824.7	836.5	848.3
1.4	QPSK	1	0	22.60	22.72	22.66
1.4	QPSK	1	3	22.59	22.57	22.60
1.4	QPSK	1	5	22.64	22.58	22.48
1.4	QPSK	3	0	21.84	21.91	21.74
1.4	QPSK	3	1	21.87	21.76	21.70
1.4	QPSK	3	3	21.70	21.75	21.68
1.4	QPSK	6	0	21.73	21.78	21.74
1.4	16QAM	1	0	21.93	21.95	21.85
1.4	16QAM	1	3	21.87	21.85	21.84
1.4	16QAM	1	5	21.91	21.97	21.74
1.4	16QAM	3	0	20.82	20.83	20.82
1.4	16QAM	3	1	20.69	20.77	20.60
1.4	16QAM	3	3	20.69	20.72	20.57
1.4	16QAM	6	0	20.58	20.65	20.69
1.4	64QAM	1	0	20.51	20.60	20.51
1.4	64QAM	1	3	20.38	20.56	20.40
1.4	64QAM	1	5	20.34	20.38	20.25
1.4	64QAM	3	0	19.50	19.60	19.55
1.4	64QAM	3	1	19.43	19.46	19.46
1.4	64QAM	3	3	19.39	19.44	19.41
1.4	64QAM	6	0	18.92	19.00	18.91



LTE Band 7						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20850	21100	21350
Frequency (MHz)				2510	2535	2560
20	QPSK	1	0	20.42	20.50	20.38
20	QPSK	1	49	20.34	20.43	20.37
20	QPSK	1	99	20.24	20.33	20.27
20	QPSK	50	0	19.59	19.69	19.57
20	QPSK	50	24	19.46	19.54	19.53
20	QPSK	50	50	19.47	19.60	19.43
20	QPSK	100	0	19.47	19.54	19.46
20	16QAM	1	0	19.65	19.69	19.68
20	16QAM	1	49	19.57	19.69	19.55
20	16QAM	1	99	19.60	19.61	19.54
20	16QAM	50	0	18.85	18.87	18.79
20	16QAM	50	24	18.76	18.86	18.68
20	16QAM	50	50	18.75	18.85	18.66
20	16QAM	100	0	18.71	18.76	18.68
20	64QAM	1	0	18.55	18.66	18.55
20	64QAM	1	49	18.53	18.58	18.48
20	64QAM	1	99	18.53	18.55	18.44
20	64QAM	50	0	17.15	17.21	17.13
20	64QAM	50	24	17.01	17.11	17.02
20	64QAM	50	50	16.91	17.02	16.91
20	64QAM	100	0	16.98	17.00	16.91



LTE Band 7						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20825	21100	21375
Frequency (MHz)				2507.5	2535	2562.5
15	QPSK	1	0	20.37	20.46	20.33
15	QPSK	1	37	20.32	20.38	20.31
15	QPSK	1	74	20.21	20.28	20.22
15	QPSK	36	0	19.57	19.62	19.54
15	QPSK	36	20	19.43	19.50	19.48
15	QPSK	36	39	19.40	19.53	19.38
15	QPSK	75	0	19.41	19.51	19.41
15	16QAM	1	0	19.60	19.65	19.66
15	16QAM	1	37	19.53	19.65	19.52
15	16QAM	1	74	19.57	19.58	19.48
15	16QAM	36	0	18.82	18.83	18.73
15	16QAM	36	20	18.72	18.81	18.63
15	16QAM	36	39	18.72	18.78	18.60
15	16QAM	75	0	18.69	18.71	18.63
15	64QAM	1	0	18.51	18.62	18.48
15	64QAM	1	37	18.51	18.55	18.46
15	64QAM	1	74	18.48	18.50	18.39
15	64QAM	36	0	17.11	17.16	17.09
15	64QAM	36	20	16.98	17.07	16.99
15	64QAM	36	39	16.84	16.99	16.85
15	64QAM	75	0	16.93	16.97	16.85



LTE Band 7						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20800	21100	21400
Frequency (MHz)				2505	2535	2565
10	QPSK	1	0	20.33	20.43	20.27
10	QPSK	1	25	20.30	20.34	20.27
10	QPSK	1	49	20.17	20.26	20.18
10	QPSK	25	0	19.55	19.59	19.48
10	QPSK	25	12	19.41	19.46	19.43
10	QPSK	25	25	19.37	19.48	19.33
10	QPSK	50	0	19.35	19.49	19.35
10	16QAM	1	0	19.56	19.62	19.62
10	16QAM	1	25	19.50	19.60	19.47
10	16QAM	1	49	19.52	19.55	19.42
10	16QAM	25	0	18.76	18.79	18.67
10	16QAM	25	12	18.69	18.78	18.57
10	16QAM	25	25	18.69	18.71	18.53
10	16QAM	50	0	18.66	18.68	18.58
10	64QAM	1	0	18.49	18.58	18.44
10	64QAM	1	25	18.48	18.51	18.42
10	64QAM	1	49	18.45	18.45	18.37
10	64QAM	25	0	17.06	17.10	17.04
10	64QAM	25	12	16.93	17.01	16.96
10	64QAM	25	25	16.78	16.97	16.82
10	64QAM	50	0	16.87	16.92	16.78



LTE Band 7						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20775	21100	21425
Frequency (MHz)				2502.5	2535	2567.5
5	QPSK	1	0	20.33	20.44	20.27
5	QPSK	1	12	20.27	20.35	20.26
5	QPSK	1	24	20.19	20.25	20.18
5	QPSK	12	0	19.55	19.56	19.49
5	QPSK	12	7	19.38	19.44	19.45
5	QPSK	12	13	19.34	19.47	19.34
5	QPSK	25	0	19.35	19.45	19.36
5	16QAM	1	0	19.57	19.62	19.63
5	16QAM	1	12	19.50	19.60	19.49
5	16QAM	1	24	19.53	19.53	19.42
5	16QAM	12	0	18.79	18.79	18.66
5	16QAM	12	7	18.65	18.77	18.57
5	16QAM	12	13	18.70	18.71	18.56
5	16QAM	25	0	18.66	18.68	18.56
5	64QAM	1	0	18.48	18.58	18.44
5	64QAM	1	12	18.46	18.50	18.42
5	64QAM	1	24	18.45	18.46	18.32
5	64QAM	12	0	17.07	17.10	17.04
5	64QAM	12	7	16.96	17.04	16.96
5	64QAM	12	13	16.78	16.92	16.80
5	64QAM	25	0	16.89	16.93	16.79



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	22.74	22.79	22.72
10	QPSK	1	25	22.68	22.77	22.72
10	QPSK	1	49	22.74	22.75	22.60
10	QPSK	25	0	21.94	22.06	21.90
10	QPSK	25	12	21.88	21.92	21.88
10	QPSK	25	25	21.82	21.97	21.76
10	QPSK	50	0	21.84	21.88	21.81
10	16QAM	1	0	21.86	21.96	21.85
10	16QAM	1	25	21.78	21.94	21.77
10	16QAM	1	49	21.71	21.94	21.80
10	16QAM	25	0	20.89	21.01	20.85
10	16QAM	25	12	20.83	20.92	20.77
10	16QAM	25	25	20.77	20.82	20.76
10	16QAM	50	0	20.71	20.87	20.73
10	64QAM	1	0	20.75	20.79	20.75
10	64QAM	1	25	20.82	20.76	20.72
10	64QAM	1	49	20.83	20.64	20.72
10	64QAM	25	0	19.56	19.60	19.60
10	64QAM	25	12	19.46	19.51	19.47
10	64QAM	25	25	19.44	19.46	19.50
10	64QAM	50	0	19.50	19.40	19.42



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	22.69	22.74	22.67
5	QPSK	1	12	22.63	22.72	22.67
5	QPSK	1	24	22.69	22.70	22.55
5	QPSK	12	0	21.89	22.01	21.85
5	QPSK	12	7	21.83	21.87	21.83
5	QPSK	12	13	21.77	21.92	21.71
5	QPSK	25	0	21.79	21.83	21.76
5	16QAM	1	0	21.81	21.91	21.80
5	16QAM	1	12	21.73	21.89	21.72
5	16QAM	1	24	21.66	21.89	21.75
5	16QAM	12	0	20.84	20.96	20.80
5	16QAM	12	7	20.78	20.87	20.72
5	16QAM	12	13	20.72	20.77	20.71
5	16QAM	25	0	20.66	20.82	20.68
5	64QAM	1	0	20.70	20.74	20.70
5	64QAM	1	12	20.77	20.71	20.67
5	64QAM	1	24	20.78	20.59	20.67
5	64QAM	12	0	19.51	19.55	19.55
5	64QAM	12	7	19.41	19.46	19.42
5	64QAM	12	13	19.39	19.41	19.45
5	64QAM	25	0	19.45	19.35	19.37



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	22.64	22.69	22.62
3	QPSK	1	8	22.58	22.67	22.62
3	QPSK	1	14	22.64	22.65	22.50
3	QPSK	8	0	21.84	21.96	21.80
3	QPSK	8	4	21.78	21.82	21.78
3	QPSK	8	7	21.72	21.87	21.66
3	QPSK	15	0	21.74	21.78	21.71
3	16QAM	1	0	21.76	21.86	21.75
3	16QAM	1	8	21.68	21.84	21.67
3	16QAM	1	14	21.61	21.84	21.70
3	16QAM	8	0	20.79	20.91	20.75
3	16QAM	8	4	20.73	20.82	20.67
3	16QAM	8	7	20.67	20.72	20.66
3	16QAM	15	0	20.61	20.77	20.63
3	64QAM	1	0	20.65	20.69	20.65
3	64QAM	1	8	20.72	20.66	20.62
3	64QAM	1	14	20.73	20.54	20.62
3	64QAM	8	0	19.46	19.50	19.50
3	64QAM	8	4	19.36	19.41	19.37
3	64QAM	8	7	19.34	19.36	19.40
3	64QAM	15	0	19.40	19.30	19.32



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	22.59	22.64	22.57
1.4	QPSK	1	3	22.53	22.62	22.57
1.4	QPSK	1	5	22.59	22.60	22.45
1.4	QPSK	3	0	21.79	21.91	21.75
1.4	QPSK	3	1	21.73	21.77	21.73
1.4	QPSK	3	3	21.67	21.82	21.61
1.4	QPSK	6	0	21.69	21.73	21.66
1.4	16QAM	1	0	21.71	21.81	21.70
1.4	16QAM	1	3	21.63	21.79	21.62
1.4	16QAM	1	5	21.56	21.79	21.65
1.4	16QAM	3	0	20.74	20.86	20.70
1.4	16QAM	3	1	20.68	20.77	20.62
1.4	16QAM	3	3	20.62	20.67	20.61
1.4	16QAM	6	0	20.56	20.72	20.58
1.4	64QAM	1	0	20.60	20.64	20.60
1.4	64QAM	1	3	20.67	20.61	20.57
1.4	64QAM	1	5	20.68	20.49	20.57
1.4	64QAM	3	0	19.41	19.45	19.45
1.4	64QAM	3	1	19.31	19.36	19.32
1.4	64QAM	3	3	19.29	19.31	19.35
1.4	64QAM	6	0	19.35	19.25	19.27



LTE Band 17						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23780	23790	23800
Frequency (MHz)				709	710	711
10	QPSK	1	0	22.65	22.76	22.63
10	QPSK	1	25	22.61	22.73	22.60
10	QPSK	1	49	22.60	22.65	22.53
10	QPSK	25	0	21.85	21.91	21.85
10	QPSK	25	12	21.80	21.82	21.75
10	QPSK	25	25	21.77	21.78	21.66
10	QPSK	50	0	21.72	21.75	21.67
10	16QAM	1	0	21.87	21.94	21.88
10	16QAM	1	25	21.85	21.92	21.80
10	16QAM	1	49	21.74	21.93	21.74
10	16QAM	25	0	20.84	20.96	20.86
10	16QAM	25	12	20.72	20.88	20.77
10	16QAM	25	25	20.76	20.83	20.73
10	16QAM	50	0	20.73	20.85	20.68
10	64QAM	1	0	20.62	20.73	20.54
10	64QAM	1	25	20.57	20.61	20.55
10	64QAM	1	49	20.50	20.72	20.54
10	64QAM	25	0	19.42	19.46	19.34
10	64QAM	25	12	19.23	19.44	19.33
10	64QAM	25	25	19.32	19.34	19.25
10	64QAM	50	0	19.21	19.37	19.19



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	22.59	22.72	22.58
5	QPSK	1	12	22.50	22.66	22.56
5	QPSK	1	24	22.53	22.58	22.48
5	QPSK	12	0	21.80	21.88	21.79
5	QPSK	12	7	21.75	21.72	21.67
5	QPSK	12	13	21.70	21.68	21.59
5	QPSK	25	0	21.65	21.66	21.59
5	16QAM	1	0	21.82	21.92	21.81
5	16QAM	1	12	21.78	21.88	21.75
5	16QAM	1	24	21.68	21.87	21.72
5	16QAM	12	0	20.76	20.92	20.79
5	16QAM	12	7	20.68	20.83	20.71
5	16QAM	12	13	20.69	20.79	20.66
5	16QAM	25	0	20.66	20.80	20.61
5	64QAM	1	0	20.58	20.68	20.51
5	64QAM	1	12	20.54	20.55	20.48
5	64QAM	1	24	20.45	20.68	20.45
5	64QAM	12	0	19.37	19.39	19.25
5	64QAM	12	7	19.17	19.38	19.25
5	64QAM	12	13	19.28	19.26	19.17
5	64QAM	25	0	19.16	19.32	19.14



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				132072	132322	132572
Frequency (MHz)				1720	1745	1770
20	QPSK	1	0	22.03	22.12	21.97
20	QPSK	1	49	22.00	22.10	22.04
20	QPSK	1	99	21.90	22.04	21.92
20	QPSK	50	0	21.23	21.38	21.29
20	QPSK	50	24	21.16	21.23	21.14
20	QPSK	50	50	21.06	21.25	21.15
20	QPSK	100	0	21.08	21.16	21.14
20	16QAM	1	0	21.36	21.32	21.31
20	16QAM	1	49	21.38	21.40	21.38
20	16QAM	1	99	21.23	21.38	21.31
20	16QAM	50	0	20.36	20.38	20.40
20	16QAM	50	24	20.29	20.29	20.26
20	16QAM	50	50	20.27	20.23	20.26
20	16QAM	100	0	20.22	20.29	20.19
20	64QAM	1	0	20.07	20.14	20.18
20	64QAM	1	49	20.00	20.03	20.14
20	64QAM	1	99	20.12	19.99	20.09
20	64QAM	50	0	18.90	18.96	18.96
20	64QAM	50	24	18.84	18.79	18.77
20	64QAM	50	50	18.75	18.78	18.72
20	64QAM	100	0	18.76	18.78	18.78



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				132047	132322	132597
Frequency (MHz)				1717.5	1745	1772.5
15	QPSK	1	0	22.00	22.05	21.93
15	QPSK	1	37	21.90	22.03	21.93
15	QPSK	1	74	21.84	21.95	21.82
15	QPSK	36	0	21.17	21.32	21.25
15	QPSK	36	20	21.09	21.13	21.07
15	QPSK	36	39	20.99	21.19	21.09
15	QPSK	75	0	20.99	21.05	21.07
15	16QAM	1	0	21.33	21.29	21.29
15	16QAM	1	37	21.32	21.38	21.33
15	16QAM	1	74	21.18	21.32	21.23
15	16QAM	36	0	20.29	20.34	20.38
15	16QAM	36	20	20.21	20.25	20.20
15	16QAM	36	39	20.21	20.20	20.19
15	16QAM	75	0	20.19	20.23	20.13
15	64QAM	1	0	20.03	20.07	20.14
15	64QAM	1	37	19.91	19.98	20.07
15	64QAM	1	74	20.04	19.94	20.03
15	64QAM	36	0	18.86	18.92	18.87
15	64QAM	36	20	18.77	18.73	18.72
15	64QAM	36	39	18.71	18.69	18.68
15	64QAM	75	0	18.72	18.69	18.76



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	21.95	22.01	21.85
10	QPSK	1	25	21.85	21.93	21.82
10	QPSK	1	49	21.73	21.84	21.71
10	QPSK	25	0	21.08	21.29	21.20
10	QPSK	25	12	21.01	21.07	20.98
10	QPSK	25	25	20.88	21.09	20.99
10	QPSK	50	0	20.90	20.96	20.96
10	16QAM	1	0	21.28	21.23	21.24
10	16QAM	1	25	21.25	21.34	21.30
10	16QAM	1	49	21.12	21.25	21.19
10	16QAM	25	0	20.21	20.27	20.33
10	16QAM	25	12	20.12	20.16	20.13
10	16QAM	25	25	20.13	20.15	20.12
10	16QAM	50	0	20.16	20.15	20.05
10	64QAM	1	0	19.99	19.98	20.08
10	64QAM	1	25	19.85	19.90	20.02
10	64QAM	1	49	20.00	19.90	19.97
10	64QAM	25	0	18.80	18.89	18.85
10	64QAM	25	12	18.74	18.64	18.69
10	64QAM	25	25	18.67	18.67	18.64
10	64QAM	50	0	18.70	18.65	18.74



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	21.93	21.97	21.88
5	QPSK	1	12	21.81	21.94	21.89
5	QPSK	1	24	21.78	21.87	21.76
5	QPSK	12	0	21.11	21.23	21.19
5	QPSK	12	7	21.01	21.02	21.01
5	QPSK	12	13	20.90	21.11	21.03
5	QPSK	25	0	20.89	20.92	20.96
5	16QAM	1	0	21.25	21.20	21.24
5	16QAM	1	12	21.26	21.30	21.24
5	16QAM	1	24	21.12	21.25	21.20
5	16QAM	12	0	20.26	20.26	20.30
5	16QAM	12	7	20.16	20.19	20.11
5	16QAM	12	13	20.16	20.15	20.16
5	16QAM	25	0	20.16	20.20	20.08
5	64QAM	1	0	19.99	19.99	20.10
5	64QAM	1	12	19.82	19.92	20.04
5	64QAM	1	24	19.97	19.90	19.99
5	64QAM	12	0	18.83	18.87	18.78
5	64QAM	12	7	18.71	18.67	18.69
5	64QAM	12	13	18.67	18.65	18.65
5	64QAM	25	0	18.65	18.61	18.72



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	21.87	21.98	21.80
3	QPSK	1	8	21.75	21.91	21.76
3	QPSK	1	14	21.60	21.75	21.65
3	QPSK	8	0	21.06	21.16	21.14
3	QPSK	8	4	20.96	21.00	20.93
3	QPSK	8	7	20.84	21.00	20.95
3	QPSK	15	0	20.85	20.90	20.93
3	16QAM	1	0	21.20	21.20	21.23
3	16QAM	1	8	21.18	21.26	21.25
3	16QAM	1	14	21.05	21.25	21.10
3	16QAM	8	0	20.19	20.26	20.28
3	16QAM	8	4	20.08	20.20	20.04
3	16QAM	8	7	20.10	20.12	20.12
3	16QAM	15	0	20.03	20.17	20.05
3	64QAM	1	0	19.90	19.96	20.02
3	64QAM	1	8	19.80	19.85	19.99
3	64QAM	1	14	19.94	19.81	19.91
3	64QAM	8	0	18.74	18.78	18.73
3	64QAM	8	4	18.68	18.61	18.62
3	64QAM	8	7	18.59	18.61	18.59
3	64QAM	15	0	18.59	18.60	18.64



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				131979	132322	132665
Frequency (MHz)				1710.7	1745	1779.3
1.4	QPSK	1	0	21.89	21.98	21.81
1.4	QPSK	1	3	21.75	21.92	21.79
1.4	QPSK	1	5	21.63	21.76	21.61
1.4	QPSK	3	0	21.03	21.20	21.14
1.4	QPSK	3	1	20.98	20.98	20.96
1.4	QPSK	3	3	20.87	21.03	20.90
1.4	QPSK	6	0	20.80	20.89	20.88
1.4	16QAM	1	0	21.21	21.21	21.22
1.4	16QAM	1	3	21.17	21.27	21.24
1.4	16QAM	1	5	21.09	21.26	21.06
1.4	16QAM	3	0	20.19	20.23	20.28
1.4	16QAM	3	1	20.08	20.19	20.10
1.4	16QAM	3	3	20.10	20.09	20.09
1.4	16QAM	6	0	20.04	20.16	20.07
1.4	64QAM	1	0	19.92	19.94	20.02
1.4	64QAM	1	3	19.77	19.88	19.97
1.4	64QAM	1	5	19.88	19.82	19.91
1.4	64QAM	3	0	18.75	18.81	18.78
1.4	64QAM	3	1	18.85	18.80	18.88
1.4	64QAM	3	3	18.80	18.78	18.78
1.4	64QAM	6	0	18.59	18.53	18.59



LTE Band 71						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				133222	133322	133372
Frequency (MHz)				673	683	688
20	QPSK	1	0	22.58	22.61	22.60
20	QPSK	1	49	22.58	22.54	22.45
20	QPSK	1	99	22.40	22.55	22.41
20	QPSK	50	0	21.77	21.90	21.75
20	QPSK	50	24	21.62	21.70	21.62
20	QPSK	50	50	21.64	21.67	21.57
20	QPSK	100	0	21.67	21.74	21.66
20	16QAM	1	0	21.82	21.93	21.84
20	16QAM	1	49	21.71	21.79	21.68
20	16QAM	1	99	21.67	21.85	21.75
20	16QAM	50	0	20.75	20.86	20.84
20	16QAM	50	24	20.66	20.72	20.74
20	16QAM	50	50	20.63	20.81	20.63
20	16QAM	100	0	20.62	20.74	20.58
20	64QAM	1	0	20.49	20.52	20.46
20	64QAM	1	49	20.35	20.54	20.44
20	64QAM	1	99	20.30	20.39	20.37
20	64QAM	50	0	19.36	19.49	19.38
20	64QAM	50	24	19.18	19.39	19.29
20	64QAM	50	50	19.27	19.30	19.20
20	64QAM	100	0	19.14	19.34	19.18



LTE Band 71						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				133197	133297	133397
Frequency (MHz)				670.5	680.5	690.5
15	QPSK	1	0	22.52	22.59	22.52
15	QPSK	1	37	22.53	22.43	22.37
15	QPSK	1	74	22.32	22.47	22.31
15	QPSK	36	0	21.74	21.85	21.68
15	QPSK	36	20	21.57	21.61	21.53
15	QPSK	36	39	21.55	21.58	21.46
15	QPSK	75	0	21.58	21.67	21.59
15	16QAM	1	0	21.79	21.86	21.79
15	16QAM	1	37	21.63	21.74	21.63
15	16QAM	1	74	21.59	21.79	21.70
15	16QAM	36	0	20.68	20.80	20.80
15	16QAM	36	20	20.60	20.65	20.71
15	16QAM	36	39	20.55	20.74	20.54
15	16QAM	75	0	20.58	20.72	20.53
15	64QAM	1	0	20.42	20.43	20.43
15	64QAM	1	37	20.33	20.49	20.38
15	64QAM	1	74	20.23	20.37	20.28
15	64QAM	36	0	19.28	19.41	19.31
15	64QAM	36	20	19.11	19.34	19.26
15	64QAM	36	39	19.19	19.23	19.16
15	64QAM	75	0	19.09	19.28	19.15



LTE Band 71						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				133172	133272	133422
Frequency (MHz)				668	678	693
10	QPSK	1	0	22.52	22.57	22.53
10	QPSK	1	25	22.50	22.45	22.39
10	QPSK	1	49	22.34	22.43	22.34
10	QPSK	25	0	21.73	21.84	21.71
10	QPSK	25	12	21.51	21.62	21.54
10	QPSK	25	25	21.56	21.61	21.48
10	QPSK	50	0	21.60	21.63	21.59
10	16QAM	1	0	21.76	21.88	21.80
10	16QAM	1	25	21.66	21.72	21.62
10	16QAM	1	49	21.59	21.82	21.72
10	16QAM	25	0	20.69	20.82	20.81
10	16QAM	25	12	20.61	20.65	20.69
10	16QAM	25	25	20.56	20.77	20.57
10	16QAM	50	0	20.60	20.71	20.52
10	64QAM	1	0	20.41	20.46	20.44
10	64QAM	1	25	20.32	20.46	20.36
10	64QAM	1	49	20.22	20.35	20.33
10	64QAM	25	0	19.32	19.45	19.33
10	64QAM	25	12	19.14	19.35	19.26
10	64QAM	25	25	19.23	19.24	19.16
10	64QAM	50	0	19.11	19.29	19.15



LTE Band 71						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				133147	133247	133447
Frequency (MHz)				665.5	675.5	695.5
5	QPSK	1	0	22.47	22.53	22.48
5	QPSK	1	12	22.46	22.41	22.34
5	QPSK	1	24	22.26	22.33	22.25
5	QPSK	12	0	21.68	21.79	21.64
5	QPSK	12	7	21.44	21.52	21.48
5	QPSK	12	13	21.48	21.56	21.41
5	QPSK	25	0	21.50	21.53	21.47
5	16QAM	1	0	21.72	21.83	21.75
5	16QAM	1	12	21.58	21.65	21.55
5	16QAM	1	24	21.53	21.80	21.66
5	16QAM	12	0	20.60	20.75	20.76
5	16QAM	12	7	20.58	20.62	20.61
5	16QAM	12	13	20.47	20.72	20.53
5	16QAM	25	0	20.58	20.64	20.49
5	64QAM	1	0	20.37	20.38	20.40
5	64QAM	1	12	20.27	20.41	20.30
5	64QAM	1	24	20.14	20.28	20.24
5	64QAM	12	0	19.28	19.43	19.30
5	64QAM	12	7	19.05	19.31	19.22
5	64QAM	12	13	19.17	19.21	19.13
5	64QAM	25	0	19.03	19.25	19.10



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	21.63	0.146	21.71	0.148	21.69	0.148
20	QPSK	1	49	21.62	0.145	21.66	0.147	21.61	0.145
20	QPSK	1	99	21.56	0.143	21.63	0.146	21.53	0.142
20	QPSK	50	0	20.92	0.124	21.00	0.126	20.85	0.122
20	QPSK	50	24	20.90	0.123	20.80	0.120	20.82	0.121
20	QPSK	50	50	20.92	0.124	20.90	0.123	20.81	0.121
20	QPSK	100	0	20.90	0.123	20.92	0.124	20.83	0.121
20	16QAM	1	0	20.38	0.109	20.52	0.113	20.38	0.109
20	16QAM	1	49	20.33	0.108	20.51	0.112	20.37	0.109
20	16QAM	1	99	20.33	0.108	20.44	0.111	20.35	0.108
20	16QAM	50	0	19.68	0.093	19.76	0.095	19.65	0.092
20	16QAM	50	24	19.74	0.094	19.79	0.095	19.63	0.092
20	16QAM	50	50	19.69	0.093	19.75	0.094	19.67	0.093
20	16QAM	100	0	19.65	0.092	19.81	0.096	19.64	0.092
20	64QAM	1	0	21.12	0.129	21.23	0.133	21.10	0.129
20	64QAM	1	49	21.06	0.128	21.19	0.132	21.06	0.128
20	64QAM	1	99	21.03	0.127	21.21	0.132	21.04	0.127
20	64QAM	50	0	18.21	0.066	18.39	0.069	18.24	0.067
20	64QAM	50	24	18.28	0.067	18.32	0.068	18.31	0.068
20	64QAM	50	50	18.26	0.067	18.36	0.069	18.29	0.067
20	64QAM	100	0	18.24	0.067	18.39	0.069	18.19	0.066



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	21.60	0.145	21.68	0.147	21.66	0.147
15	QPSK	1	37	21.59	0.144	21.63	0.146	21.58	0.144
15	QPSK	1	74	21.53	0.142	21.60	0.145	21.50	0.141
15	QPSK	36	0	20.89	0.123	20.97	0.125	20.82	0.121
15	QPSK	36	20	20.87	0.122	20.77	0.119	20.79	0.120
15	QPSK	36	39	20.89	0.123	20.87	0.122	20.78	0.120
15	QPSK	75	0	20.87	0.122	20.89	0.123	20.80	0.120
15	16QAM	1	0	20.35	0.108	20.49	0.112	20.35	0.108
15	16QAM	1	37	20.30	0.107	20.48	0.112	20.34	0.108
15	16QAM	1	74	20.30	0.107	20.41	0.110	20.32	0.108
15	16QAM	36	0	19.65	0.092	19.73	0.094	19.62	0.092
15	16QAM	36	20	19.71	0.094	19.76	0.095	19.60	0.091
15	16QAM	36	39	19.66	0.092	19.72	0.094	19.64	0.092
15	16QAM	75	0	19.62	0.092	19.78	0.095	19.61	0.091
15	64QAM	1	0	21.09	0.129	21.20	0.132	21.07	0.128
15	64QAM	1	37	21.03	0.127	21.16	0.131	21.03	0.127
15	64QAM	1	74	21.00	0.126	21.18	0.131	21.01	0.126
15	64QAM	36	0	18.18	0.066	18.36	0.069	18.21	0.066
15	64QAM	36	20	18.25	0.067	18.29	0.067	18.28	0.067
15	64QAM	36	39	18.23	0.067	18.33	0.068	18.26	0.067
15	64QAM	75	0	18.21	0.066	18.36	0.069	18.16	0.065



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	21.57	0.144	21.65	0.146	21.63	0.146
10	QPSK	1	25	21.56	0.143	21.60	0.145	21.55	0.143
10	QPSK	1	49	21.50	0.141	21.57	0.144	21.47	0.140
10	QPSK	25	0	20.86	0.122	20.94	0.124	20.79	0.120
10	QPSK	25	12	20.84	0.121	20.74	0.119	20.76	0.119
10	QPSK	25	25	20.86	0.122	20.84	0.121	20.75	0.119
10	QPSK	50	0	20.84	0.121	20.86	0.122	20.77	0.119
10	16QAM	1	0	20.32	0.108	20.46	0.111	20.32	0.108
10	16QAM	1	25	20.27	0.106	20.45	0.111	20.31	0.107
10	16QAM	1	49	20.27	0.106	20.38	0.109	20.29	0.107
10	16QAM	25	0	19.62	0.092	19.70	0.093	19.59	0.091
10	16QAM	25	12	19.68	0.093	19.73	0.094	19.57	0.091
10	16QAM	25	25	19.63	0.092	19.69	0.093	19.61	0.091
10	16QAM	50	0	19.59	0.091	19.75	0.094	19.58	0.091
10	64QAM	1	0	21.06	0.128	21.17	0.131	21.04	0.127
10	64QAM	1	25	21.00	0.126	21.13	0.130	21.00	0.126
10	64QAM	1	49	20.97	0.125	21.15	0.130	20.98	0.125
10	64QAM	25	0	18.15	0.065	18.33	0.068	18.18	0.066
10	64QAM	25	12	18.22	0.066	18.26	0.067	18.25	0.067
10	64QAM	25	25	18.20	0.066	18.30	0.068	18.23	0.067
10	64QAM	50	0	18.18	0.066	18.33	0.068	18.13	0.065



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	21.54	0.143	21.62	0.145	21.60	0.145
5	QPSK	1	12	21.53	0.142	21.57	0.144	21.52	0.142
5	QPSK	1	24	21.47	0.140	21.54	0.143	21.44	0.139
5	QPSK	12	0	20.83	0.121	20.91	0.123	20.76	0.119
5	QPSK	12	7	20.81	0.121	20.71	0.118	20.73	0.118
5	QPSK	12	13	20.83	0.121	20.81	0.121	20.72	0.118
5	QPSK	25	0	20.81	0.121	20.83	0.121	20.74	0.119
5	16QAM	1	0	20.29	0.107	20.43	0.110	20.29	0.107
5	16QAM	1	12	20.24	0.106	20.42	0.110	20.28	0.107
5	16QAM	1	24	20.24	0.106	20.35	0.108	20.26	0.106
5	16QAM	12	0	19.59	0.091	19.67	0.093	19.56	0.090
5	16QAM	12	7	19.65	0.092	19.70	0.093	19.54	0.090
5	16QAM	12	13	19.60	0.091	19.66	0.092	19.58	0.091
5	16QAM	25	0	19.56	0.090	19.72	0.094	19.55	0.090
5	64QAM	1	0	21.03	0.127	21.14	0.130	21.01	0.126
5	64QAM	1	12	20.97	0.125	21.10	0.129	20.97	0.125
5	64QAM	1	24	20.94	0.124	21.12	0.129	20.95	0.124
5	64QAM	12	0	18.12	0.065	18.30	0.068	18.15	0.065
5	64QAM	12	7	18.19	0.066	18.23	0.067	18.22	0.066
5	64QAM	12	13	18.17	0.066	18.27	0.067	18.20	0.066
5	64QAM	25	0	18.15	0.065	18.30	0.068	18.10	0.065



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	21.51	0.142	21.59	0.144	21.57	0.144
3	QPSK	1	8	21.50	0.141	21.54	0.143	21.49	0.141
3	QPSK	1	14	21.44	0.139	21.51	0.142	21.41	0.138
3	QPSK	8	0	20.80	0.120	20.88	0.122	20.73	0.118
3	QPSK	8	4	20.78	0.120	20.68	0.117	20.70	0.117
3	QPSK	8	7	20.80	0.120	20.78	0.120	20.69	0.117
3	QPSK	15	0	20.78	0.120	20.80	0.120	20.71	0.118
3	16QAM	1	0	20.26	0.106	20.40	0.110	20.26	0.106
3	16QAM	1	8	20.21	0.105	20.39	0.109	20.25	0.106
3	16QAM	1	14	20.21	0.105	20.32	0.108	20.23	0.105
3	16QAM	8	0	19.56	0.090	19.64	0.092	19.53	0.090
3	16QAM	8	4	19.62	0.092	19.67	0.093	19.51	0.089
3	16QAM	8	7	19.57	0.091	19.63	0.092	19.55	0.090
3	16QAM	15	0	19.53	0.090	19.69	0.093	19.52	0.090
3	64QAM	1	0	21.00	0.126	21.11	0.129	20.98	0.125
3	64QAM	1	8	20.94	0.124	21.07	0.128	20.94	0.124
3	64QAM	1	14	20.91	0.123	21.09	0.129	20.92	0.124
3	64QAM	8	0	18.09	0.064	18.27	0.067	18.12	0.065
3	64QAM	8	4	18.16	0.065	18.20	0.066	18.19	0.066
3	64QAM	8	7	18.14	0.065	18.24	0.067	18.17	0.066
3	64QAM	15	0	18.12	0.065	18.27	0.067	18.07	0.064



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	21.46	0.140	21.54	0.143	21.52	0.142
1.4	QPSK	1	3	21.45	0.140	21.49	0.141	21.44	0.139
1.4	QPSK	1	5	21.39	0.138	21.46	0.140	21.36	0.137
1.4	QPSK	3	0	20.75	0.119	20.83	0.121	20.68	0.117
1.4	QPSK	3	1	20.73	0.118	20.63	0.116	20.65	0.116
1.4	QPSK	3	3	20.75	0.119	20.73	0.118	20.64	0.116
1.4	QPSK	6	0	20.73	0.118	20.75	0.119	20.66	0.116
1.4	16QAM	1	0	20.21	0.105	20.35	0.108	20.21	0.105
1.4	16QAM	1	3	20.16	0.104	20.34	0.108	20.20	0.105
1.4	16QAM	1	5	20.16	0.104	20.27	0.106	20.18	0.104
1.4	16QAM	3	0	19.51	0.089	19.59	0.091	19.48	0.089
1.4	16QAM	3	1	19.57	0.091	19.62	0.092	19.46	0.088
1.4	16QAM	3	3	19.52	0.090	19.58	0.091	19.50	0.089
1.4	16QAM	6	0	19.48	0.089	19.64	0.092	19.47	0.089
1.4	64QAM	1	0	20.95	0.124	21.06	0.128	20.93	0.124
1.4	64QAM	1	3	20.89	0.123	21.02	0.126	20.89	0.123
1.4	64QAM	1	5	20.86	0.122	21.04	0.127	20.87	0.122
1.4	64QAM	3	0	18.04	0.064	18.22	0.066	18.07	0.064
1.4	64QAM	3	1	18.11	0.065	18.15	0.065	18.14	0.065
1.4	64QAM	3	3	18.09	0.064	18.19	0.066	18.12	0.065
1.4	64QAM	6	0	18.07	0.064	18.22	0.066	18.02	0.063



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	20.78	0.120	20.93	0.124	20.77	0.119
20	QPSK	1	49	20.82	0.121	20.85	0.122	20.75	0.119
20	QPSK	1	99	20.77	0.119	20.79	0.120	20.81	0.121
20	QPSK	50	0	20.04	0.101	20.11	0.103	20.07	0.102
20	QPSK	50	24	19.94	0.099	20.09	0.102	20.04	0.101
20	QPSK	50	50	19.93	0.098	20.07	0.102	19.94	0.099
20	QPSK	100	0	19.98	0.100	20.08	0.102	19.95	0.099
20	16QAM	1	0	20.09	0.102	20.15	0.104	20.06	0.101
20	16QAM	1	49	19.97	0.099	20.12	0.103	20.10	0.102
20	16QAM	1	99	20.03	0.101	20.14	0.103	20.03	0.101
20	16QAM	50	0	19.00	0.079	19.01	0.080	18.98	0.079
20	16QAM	50	24	18.90	0.078	18.93	0.078	19.01	0.080
20	16QAM	50	50	18.82	0.076	18.91	0.078	18.94	0.078
20	16QAM	100	0	18.80	0.076	18.89	0.077	18.86	0.077
20	64QAM	1	0	18.83	0.076	18.92	0.078	18.83	0.076
20	64QAM	1	49	18.90	0.078	18.82	0.076	18.89	0.077
20	64QAM	1	99	18.85	0.077	18.87	0.077	18.76	0.075
20	64QAM	50	0	17.47	0.056	17.54	0.057	17.43	0.055
20	64QAM	50	24	17.40	0.055	17.46	0.056	17.37	0.055
20	64QAM	50	50	17.38	0.055	17.39	0.055	17.35	0.054
20	64QAM	100	0	17.39	0.055	17.44	0.055	17.40	0.055



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	20.72	0.118	20.89	0.123	20.77	0.119
15	QPSK	1	37	20.83	0.121	20.80	0.120	20.74	0.119
15	QPSK	1	74	20.73	0.118	20.73	0.118	20.82	0.121
15	QPSK	36	0	20.05	0.101	20.10	0.102	20.07	0.102
15	QPSK	36	20	19.90	0.098	20.08	0.102	20.03	0.101
15	QPSK	36	39	19.88	0.097	20.03	0.101	19.94	0.099
15	QPSK	75	0	19.97	0.099	20.04	0.101	19.96	0.099
15	16QAM	1	0	20.05	0.101	20.15	0.104	20.04	0.101
15	16QAM	1	37	19.94	0.099	20.09	0.102	20.06	0.101
15	16QAM	1	74	20.02	0.100	20.13	0.103	19.97	0.099
15	16QAM	36	0	18.95	0.079	19.01	0.080	18.94	0.078
15	16QAM	36	20	18.89	0.077	18.89	0.077	19.00	0.079
15	16QAM	36	39	18.80	0.076	18.87	0.077	18.92	0.078
15	16QAM	75	0	18.77	0.075	18.85	0.077	18.83	0.076
15	64QAM	1	0	18.83	0.076	18.87	0.077	18.83	0.076
15	64QAM	1	37	18.89	0.077	18.79	0.076	18.89	0.077
15	64QAM	1	74	18.83	0.076	18.85	0.077	18.74	0.075
15	64QAM	36	0	17.46	0.056	17.48	0.056	17.39	0.055
15	64QAM	36	20	17.41	0.055	17.41	0.055	17.38	0.055
15	64QAM	36	39	17.32	0.054	17.37	0.055	17.32	0.054
15	64QAM	75	0	17.38	0.055	17.44	0.055	17.36	0.054



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	20.64	0.116	20.86	0.122	20.75	0.119
10	QPSK	1	25	20.80	0.120	20.78	0.120	20.70	0.117
10	QPSK	1	49	20.67	0.117	20.68	0.117	20.77	0.119
10	QPSK	25	0	20.00	0.100	20.04	0.101	20.02	0.100
10	QPSK	25	12	19.84	0.096	20.02	0.100	19.94	0.099
10	QPSK	25	25	19.81	0.096	19.96	0.099	19.87	0.097
10	QPSK	50	0	19.90	0.098	20.01	0.100	19.94	0.099
10	16QAM	1	0	20.02	0.100	20.12	0.103	19.97	0.099
10	16QAM	1	25	19.90	0.098	20.05	0.101	19.99	0.100
10	16QAM	1	49	19.97	0.099	20.11	0.103	19.94	0.099
10	16QAM	25	0	18.93	0.078	18.96	0.079	18.86	0.077
10	16QAM	25	12	18.84	0.077	18.80	0.076	18.97	0.079
10	16QAM	25	25	18.71	0.074	18.82	0.076	18.90	0.078
10	16QAM	50	0	18.74	0.075	18.79	0.076	18.79	0.076
10	64QAM	1	0	18.79	0.076	18.83	0.076	18.78	0.076
10	64QAM	1	25	18.85	0.077	18.72	0.074	18.81	0.076
10	64QAM	1	49	18.80	0.076	18.79	0.076	18.65	0.073
10	64QAM	25	0	17.43	0.055	17.42	0.055	17.34	0.054
10	64QAM	25	12	17.38	0.055	17.38	0.055	17.32	0.054
10	64QAM	25	25	17.26	0.053	17.31	0.054	17.29	0.054
10	64QAM	50	0	17.30	0.054	17.35	0.054	17.29	0.054



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	20.58	0.114	20.79	0.120	20.68	0.117
5	QPSK	1	12	20.75	0.119	20.73	0.118	20.63	0.116
5	QPSK	1	24	20.63	0.116	20.59	0.115	20.71	0.118
5	QPSK	12	0	19.91	0.098	20.02	0.100	19.97	0.099
5	QPSK	12	7	19.80	0.095	19.99	0.100	19.89	0.097
5	QPSK	12	13	19.74	0.094	19.93	0.098	19.79	0.095
5	QPSK	25	0	19.82	0.096	19.97	0.099	19.88	0.097
5	16QAM	1	0	19.94	0.099	20.05	0.101	19.94	0.099
5	16QAM	1	12	19.85	0.097	19.96	0.099	19.90	0.098
5	16QAM	1	24	19.95	0.099	20.06	0.101	19.87	0.097
5	16QAM	12	0	18.84	0.077	18.92	0.078	18.84	0.077
5	16QAM	12	7	18.77	0.075	18.76	0.075	18.89	0.077
5	16QAM	12	13	18.66	0.073	18.76	0.075	18.86	0.077
5	16QAM	25	0	18.71	0.074	18.75	0.075	18.72	0.074
5	64QAM	1	0	18.76	0.075	18.79	0.076	18.73	0.075
5	64QAM	1	12	18.77	0.075	18.65	0.073	18.76	0.075
5	64QAM	1	24	18.74	0.075	18.77	0.075	18.62	0.073
5	64QAM	12	0	17.37	0.055	17.36	0.054	17.26	0.053
5	64QAM	12	7	17.31	0.054	17.30	0.054	17.23	0.053
5	64QAM	12	13	17.24	0.053	17.25	0.053	17.25	0.053
5	64QAM	25	0	17.26	0.053	17.33	0.054	17.20	0.052



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	20.58	0.114	20.78	0.120	20.67	0.117
3	QPSK	1	8	20.75	0.119	20.70	0.117	20.64	0.116
3	QPSK	1	14	20.59	0.115	20.62	0.115	20.72	0.118
3	QPSK	8	0	19.98	0.100	19.99	0.100	19.97	0.099
3	QPSK	8	4	19.78	0.095	19.95	0.099	19.89	0.097
3	QPSK	8	7	19.75	0.094	19.92	0.098	19.79	0.095
3	QPSK	15	0	19.83	0.096	19.96	0.099	19.87	0.097
3	16QAM	1	0	19.99	0.100	20.10	0.102	19.93	0.098
3	16QAM	1	8	19.83	0.096	20.00	0.100	19.93	0.098
3	16QAM	1	14	19.89	0.097	20.09	0.102	19.90	0.098
3	16QAM	8	0	18.88	0.077	18.90	0.078	18.82	0.076
3	16QAM	8	4	18.82	0.076	18.73	0.075	18.92	0.078
3	16QAM	8	7	18.62	0.073	18.78	0.076	18.87	0.077
3	16QAM	15	0	18.70	0.074	18.72	0.074	18.74	0.075
3	64QAM	1	0	18.71	0.074	18.80	0.076	18.72	0.074
3	64QAM	1	8	18.82	0.076	18.68	0.074	18.74	0.075
3	64QAM	1	14	18.75	0.075	18.74	0.075	18.58	0.072
3	64QAM	8	0	17.35	0.054	17.33	0.054	17.31	0.054
3	64QAM	8	4	17.33	0.054	17.35	0.054	17.30	0.054
3	64QAM	8	7	17.18	0.052	17.26	0.053	17.25	0.053
3	64QAM	15	0	17.24	0.053	17.27	0.053	17.25	0.053



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	20.73	0.118	20.87	0.122	20.73	0.118
1.4	QPSK	1	3	20.76	0.119	20.80	0.120	20.71	0.118
1.4	QPSK	1	5	20.77	0.119	20.77	0.119	20.80	0.120
1.4	QPSK	3	0	20.00	0.100	20.11	0.103	20.02	0.100
1.4	QPSK	3	1	19.88	0.097	20.03	0.101	20.03	0.101
1.4	QPSK	3	3	19.92	0.098	20.05	0.101	19.90	0.098
1.4	QPSK	6	0	19.98	0.100	20.06	0.101	19.92	0.098
1.4	16QAM	1	0	20.10	0.102	20.11	0.103	20.05	0.101
1.4	16QAM	1	3	19.98	0.100	20.12	0.103	20.05	0.101
1.4	16QAM	1	5	19.99	0.100	20.10	0.102	20.01	0.100
1.4	16QAM	3	0	18.98	0.079	18.98	0.079	18.95	0.079
1.4	16QAM	3	1	18.91	0.078	18.90	0.078	18.96	0.079
1.4	16QAM	3	3	18.83	0.076	18.90	0.078	18.89	0.077
1.4	16QAM	6	0	18.81	0.076	18.89	0.077	18.80	0.076
1.4	64QAM	1	0	18.80	0.076	18.91	0.078	18.81	0.076
1.4	64QAM	1	3	18.91	0.078	18.76	0.075	18.87	0.077
1.4	64QAM	1	5	18.81	0.076	18.82	0.076	18.75	0.075
1.4	64QAM	3	0	17.56	0.057	17.54	0.057	17.58	0.057
1.4	64QAM	3	1	17.48	0.056	17.55	0.057	17.45	0.056
1.4	64QAM	3	3	17.46	0.056	17.49	0.056	17.41	0.055
1.4	64QAM	6	0	17.35	0.054	17.43	0.055	17.35	0.054



LTE Band 5				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20450		20525		20600	
Frequency (MHz)				829		836.5		844	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	20.14	0.103	20.26	0.106	20.21	0.105
10	QPSK	1	25	20.18	0.104	20.18	0.104	20.16	0.104
10	QPSK	1	49	20.16	0.104	20.13	0.103	20.06	0.101
10	QPSK	25	0	19.41	0.087	19.45	0.088	19.32	0.086
10	QPSK	25	12	19.37	0.086	19.34	0.086	19.30	0.085
10	QPSK	25	25	19.26	0.084	19.29	0.085	19.24	0.084
10	QPSK	50	0	19.26	0.084	19.35	0.086	19.31	0.085
10	16QAM	1	0	19.49	0.089	19.54	0.090	19.42	0.087
10	16QAM	1	25	19.44	0.088	19.42	0.087	19.40	0.087
10	16QAM	1	49	19.45	0.088	19.50	0.089	19.32	0.086
10	16QAM	25	0	18.34	0.068	18.40	0.069	18.35	0.068
10	16QAM	25	12	18.23	0.067	18.31	0.068	18.21	0.066
10	16QAM	25	25	18.28	0.067	18.26	0.067	18.20	0.066
10	16QAM	50	0	18.13	0.065	18.20	0.066	18.25	0.067
10	64QAM	1	0	18.07	0.064	18.16	0.065	18.05	0.064
10	64QAM	1	25	17.94	0.062	18.14	0.065	17.94	0.062
10	64QAM	1	49	17.91	0.062	17.92	0.062	17.81	0.060
10	64QAM	25	0	16.65	0.046	16.76	0.047	16.68	0.047
10	64QAM	25	12	16.57	0.045	16.64	0.046	16.54	0.045
10	64QAM	25	25	16.50	0.045	16.59	0.046	16.52	0.045
10	64QAM	50	0	16.51	0.045	16.59	0.046	16.50	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	20.12	0.103	20.21	0.105	20.18	0.104
5	QPSK	1	12	20.12	0.103	20.09	0.102	20.11	0.103
5	QPSK	1	24	20.14	0.103	20.06	0.101	20.00	0.100
5	QPSK	12	0	19.36	0.086	19.38	0.087	19.25	0.084
5	QPSK	12	7	19.34	0.086	19.29	0.085	19.23	0.084
5	QPSK	12	13	19.20	0.083	19.22	0.084	19.19	0.083
5	QPSK	25	0	19.23	0.084	19.28	0.085	19.24	0.084
5	16QAM	1	0	19.40	0.087	19.47	0.089	19.36	0.086
5	16QAM	1	12	19.40	0.087	19.38	0.087	19.38	0.087
5	16QAM	1	24	19.38	0.087	19.46	0.088	19.27	0.085
5	16QAM	12	0	18.30	0.068	18.35	0.068	18.31	0.068
5	16QAM	12	7	18.21	0.066	18.27	0.067	18.13	0.065
5	16QAM	12	13	18.20	0.066	18.22	0.066	18.11	0.065
5	16QAM	25	0	18.06	0.064	18.16	0.065	18.20	0.066
5	64QAM	1	0	18.03	0.064	18.08	0.064	17.99	0.063
5	64QAM	1	12	17.91	0.062	18.08	0.064	17.88	0.061
5	64QAM	1	24	17.88	0.061	17.88	0.061	17.77	0.060
5	64QAM	12	0	16.58	0.045	16.70	0.047	16.62	0.046
5	64QAM	12	7	16.55	0.045	16.59	0.046	16.45	0.044
5	64QAM	12	13	16.46	0.044	16.54	0.045	16.50	0.045
5	64QAM	25	0	16.42	0.044	16.54	0.045	16.41	0.044



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	20.10	0.102	20.14	0.103	20.16	0.104
3	QPSK	1	8	20.09	0.102	20.02	0.100	20.04	0.101
3	QPSK	1	14	20.09	0.102	20.00	0.100	19.94	0.099
3	QPSK	8	0	19.28	0.085	19.33	0.086	19.19	0.083
3	QPSK	8	4	19.31	0.085	19.26	0.084	19.18	0.083
3	QPSK	8	7	19.17	0.083	19.19	0.083	19.12	0.082
3	QPSK	15	0	19.20	0.083	19.25	0.084	19.15	0.082
3	16QAM	1	0	19.36	0.086	19.40	0.087	19.30	0.085
3	16QAM	1	8	19.32	0.086	19.29	0.085	19.35	0.086
3	16QAM	1	14	19.32	0.086	19.41	0.087	19.21	0.083
3	16QAM	8	0	18.26	0.067	18.33	0.068	18.28	0.067
3	16QAM	8	4	18.15	0.065	18.23	0.067	18.08	0.064
3	16QAM	8	7	18.17	0.066	18.16	0.065	18.06	0.064
3	16QAM	15	0	18.02	0.063	18.08	0.064	18.15	0.065
3	64QAM	1	0	17.95	0.062	18.03	0.064	17.90	0.062
3	64QAM	1	8	17.88	0.061	18.00	0.063	17.82	0.061
3	64QAM	1	14	17.81	0.060	17.82	0.061	17.69	0.059
3	64QAM	8	0	16.49	0.045	16.66	0.046	16.55	0.045
3	64QAM	8	4	16.51	0.045	16.52	0.045	16.36	0.043
3	64QAM	8	7	16.42	0.044	16.49	0.045	16.44	0.044
3	64QAM	15	0	16.39	0.044	16.50	0.045	16.35	0.043



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	20.05	0.101	20.17	0.104	20.11	0.103
1.4	QPSK	1	3	20.04	0.101	20.02	0.100	20.05	0.101
1.4	QPSK	1	5	20.09	0.102	20.03	0.101	19.93	0.098
1.4	QPSK	3	0	19.29	0.085	19.36	0.086	19.19	0.083
1.4	QPSK	3	1	19.32	0.086	19.21	0.083	19.15	0.082
1.4	QPSK	3	3	19.15	0.082	19.20	0.083	19.13	0.082
1.4	QPSK	6	0	19.18	0.083	19.23	0.084	19.19	0.083
1.4	16QAM	1	0	19.38	0.087	19.40	0.087	19.30	0.085
1.4	16QAM	1	3	19.32	0.086	19.30	0.085	19.29	0.085
1.4	16QAM	1	5	19.36	0.086	19.42	0.087	19.19	0.083
1.4	16QAM	3	0	18.27	0.067	18.28	0.067	18.27	0.067
1.4	16QAM	3	1	18.14	0.065	18.22	0.066	18.05	0.064
1.4	16QAM	3	3	18.14	0.065	18.17	0.066	18.02	0.063
1.4	16QAM	6	0	18.03	0.064	18.10	0.065	18.14	0.065
1.4	64QAM	1	0	17.96	0.063	18.05	0.064	17.96	0.063
1.4	64QAM	1	3	17.83	0.061	18.01	0.063	17.85	0.061
1.4	64QAM	1	5	17.79	0.060	17.83	0.061	17.70	0.059
1.4	64QAM	3	0	16.95	0.050	17.05	0.051	17.00	0.050
1.4	64QAM	3	1	16.88	0.049	16.91	0.049	16.91	0.049
1.4	64QAM	3	3	16.84	0.048	16.89	0.049	16.86	0.049
1.4	64QAM	6	0	16.37	0.043	16.45	0.044	16.36	0.043



LTE Band 7				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20850		21100		21350	
Frequency (MHz)				2510		2535		2560	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	20.02	0.100	20.10	0.102	19.98	0.100
20	QPSK	1	49	19.94	0.099	20.03	0.101	19.97	0.099
20	QPSK	1	99	19.84	0.096	19.93	0.098	19.87	0.097
20	QPSK	50	0	19.19	0.083	19.29	0.085	19.17	0.083
20	QPSK	50	24	19.06	0.081	19.14	0.082	19.13	0.082
20	QPSK	50	50	19.07	0.081	19.20	0.083	19.03	0.080
20	QPSK	100	0	19.07	0.081	19.14	0.082	19.06	0.081
20	16QAM	1	0	19.25	0.084	19.29	0.085	19.28	0.085
20	16QAM	1	49	19.17	0.083	19.29	0.085	19.15	0.082
20	16QAM	1	99	19.20	0.083	19.21	0.083	19.14	0.082
20	16QAM	50	0	18.45	0.070	18.47	0.070	18.39	0.069
20	16QAM	50	24	18.36	0.069	18.46	0.070	18.28	0.067
20	16QAM	50	50	18.35	0.068	18.45	0.070	18.26	0.067
20	16QAM	100	0	18.31	0.068	18.36	0.069	18.28	0.067
20	64QAM	1	0	18.15	0.065	18.26	0.067	18.15	0.065
20	64QAM	1	49	18.13	0.065	18.18	0.066	18.08	0.064
20	64QAM	1	99	18.13	0.065	18.15	0.065	18.04	0.064
20	64QAM	50	0	16.75	0.047	16.81	0.048	16.73	0.047
20	64QAM	50	24	16.61	0.046	16.71	0.047	16.62	0.046
20	64QAM	50	50	16.51	0.045	16.62	0.046	16.51	0.045
20	64QAM	100	0	16.58	0.045	16.60	0.046	16.51	0.045



LTE Band 7				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20825		21100		21375	
Frequency (MHz)				2507.5		2535		2562.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	19.97	0.099	20.06	0.101	19.93	0.098
15	QPSK	1	37	19.92	0.098	19.98	0.100	19.91	0.098
15	QPSK	1	74	19.81	0.096	19.88	0.097	19.82	0.096
15	QPSK	36	0	19.17	0.083	19.22	0.084	19.14	0.082
15	QPSK	36	20	19.03	0.080	19.10	0.081	19.08	0.081
15	QPSK	36	39	19.00	0.079	19.13	0.082	18.98	0.079
15	QPSK	75	0	19.01	0.080	19.11	0.081	19.01	0.080
15	16QAM	1	0	19.20	0.083	19.25	0.084	19.26	0.084
15	16QAM	1	37	19.13	0.082	19.25	0.084	19.12	0.082
15	16QAM	1	74	19.17	0.083	19.18	0.083	19.08	0.081
15	16QAM	36	0	18.42	0.070	18.43	0.070	18.33	0.068
15	16QAM	36	20	18.32	0.068	18.41	0.069	18.23	0.067
15	16QAM	36	39	18.32	0.068	18.38	0.069	18.20	0.066
15	16QAM	75	0	18.29	0.067	18.31	0.068	18.23	0.067
15	64QAM	1	0	18.11	0.065	18.22	0.066	18.08	0.064
15	64QAM	1	37	18.11	0.065	18.15	0.065	18.06	0.064
15	64QAM	1	74	18.08	0.064	18.10	0.065	17.99	0.063
15	64QAM	36	0	16.71	0.047	16.76	0.047	16.69	0.047
15	64QAM	36	20	16.58	0.045	16.67	0.046	16.59	0.046
15	64QAM	36	39	16.44	0.044	16.59	0.046	16.45	0.044
15	64QAM	75	0	16.53	0.045	16.57	0.045	16.45	0.044



LTE Band 7				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20800		21100		21400	
Frequency (MHz)				2505		2535		2565	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	19.93	0.098	20.03	0.101	19.87	0.097
10	QPSK	1	25	19.90	0.098	19.94	0.099	19.87	0.097
10	QPSK	1	49	19.77	0.095	19.86	0.097	19.78	0.095
10	QPSK	25	0	19.15	0.082	19.19	0.083	19.08	0.081
10	QPSK	25	12	19.01	0.080	19.06	0.081	19.03	0.080
10	QPSK	25	25	18.97	0.079	19.08	0.081	18.93	0.078
10	QPSK	50	0	18.95	0.079	19.09	0.081	18.95	0.079
10	16QAM	1	0	19.16	0.082	19.22	0.084	19.22	0.084
10	16QAM	1	25	19.10	0.081	19.20	0.083	19.07	0.081
10	16QAM	1	49	19.12	0.082	19.15	0.082	19.02	0.080
10	16QAM	25	0	18.36	0.069	18.39	0.069	18.27	0.067
10	16QAM	25	12	18.29	0.067	18.38	0.069	18.17	0.066
10	16QAM	25	25	18.29	0.067	18.31	0.068	18.13	0.065
10	16QAM	50	0	18.26	0.067	18.28	0.067	18.18	0.066
10	64QAM	1	0	18.09	0.064	18.18	0.066	18.04	0.064
10	64QAM	1	25	18.08	0.064	18.11	0.065	18.02	0.063
10	64QAM	1	49	18.05	0.064	18.05	0.064	17.97	0.063
10	64QAM	25	0	16.66	0.046	16.70	0.047	16.64	0.046
10	64QAM	25	12	16.53	0.045	16.61	0.046	16.56	0.045
10	64QAM	25	25	16.38	0.043	16.57	0.045	16.42	0.044
10	64QAM	50	0	16.47	0.044	16.52	0.045	16.38	0.043



LTE Band 7				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20775		21100		21425	
Frequency (MHz)				2502.5		2535		2567.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	19.93	0.098	20.04	0.101	19.87	0.097
5	QPSK	1	12	19.87	0.097	19.95	0.099	19.86	0.097
5	QPSK	1	24	19.79	0.095	19.85	0.097	19.78	0.095
5	QPSK	12	0	19.15	0.082	19.16	0.082	19.09	0.081
5	QPSK	12	7	18.98	0.079	19.04	0.080	19.05	0.080
5	QPSK	12	13	18.94	0.078	19.07	0.081	18.94	0.078
5	QPSK	25	0	18.95	0.079	19.05	0.080	18.96	0.079
5	16QAM	1	0	19.17	0.083	19.22	0.084	19.23	0.084
5	16QAM	1	12	19.10	0.081	19.20	0.083	19.09	0.081
5	16QAM	1	24	19.13	0.082	19.13	0.082	19.02	0.080
5	16QAM	12	0	18.39	0.069	18.39	0.069	18.26	0.067
5	16QAM	12	7	18.25	0.067	18.37	0.069	18.17	0.066
5	16QAM	12	13	18.30	0.068	18.31	0.068	18.16	0.065
5	16QAM	25	0	18.26	0.067	18.28	0.067	18.16	0.065
5	64QAM	1	0	18.08	0.064	18.18	0.066	18.04	0.064
5	64QAM	1	12	18.06	0.064	18.10	0.065	18.02	0.063
5	64QAM	1	24	18.05	0.064	18.06	0.064	17.92	0.062
5	64QAM	12	0	16.67	0.046	16.70	0.047	16.64	0.046
5	64QAM	12	7	16.56	0.045	16.64	0.046	16.56	0.045
5	64QAM	12	13	16.38	0.043	16.52	0.045	16.40	0.044
5	64QAM	25	0	16.49	0.045	16.53	0.045	16.39	0.044



LTE Band 12				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23060		23095		23130	
Frequency (MHz)				704		707.5		711	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	19.89	0.097	19.94	0.099	19.87	0.097
10	QPSK	1	25	19.83	0.096	19.92	0.098	19.87	0.097
10	QPSK	1	49	19.89	0.097	19.90	0.098	19.75	0.094
10	QPSK	25	0	19.09	0.081	19.21	0.083	19.05	0.080
10	QPSK	25	12	19.03	0.080	19.07	0.081	19.03	0.080
10	QPSK	25	25	18.97	0.079	19.12	0.082	18.91	0.078
10	QPSK	50	0	18.99	0.079	19.03	0.080	18.96	0.079
10	16QAM	1	0	19.01	0.080	19.11	0.081	19.00	0.079
10	16QAM	1	25	18.93	0.078	19.09	0.081	18.92	0.078
10	16QAM	1	49	18.86	0.077	19.09	0.081	18.95	0.079
10	16QAM	25	0	18.04	0.064	18.16	0.065	18.00	0.063
10	16QAM	25	12	17.98	0.063	18.07	0.064	17.92	0.062
10	16QAM	25	25	17.92	0.062	17.97	0.063	17.91	0.062
10	16QAM	50	0	17.86	0.061	18.02	0.063	17.88	0.061
10	64QAM	1	0	17.90	0.062	17.94	0.062	17.90	0.062
10	64QAM	1	25	17.97	0.063	17.91	0.062	17.87	0.061
10	64QAM	1	49	17.98	0.063	17.79	0.060	17.87	0.061
10	64QAM	25	0	16.71	0.047	16.75	0.047	16.75	0.047
10	64QAM	25	12	16.61	0.046	16.66	0.046	16.62	0.046
10	64QAM	25	25	16.59	0.046	16.61	0.046	16.65	0.046
10	64QAM	50	0	16.65	0.046	16.55	0.045	16.57	0.045



LTE Band 12				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23035		23095		23155	
Frequency (MHz)				701.5		707.5		713.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	19.84	0.096	19.89	0.097	19.82	0.096
5	QPSK	1	12	19.78	0.095	19.87	0.097	19.82	0.096
5	QPSK	1	24	19.84	0.096	19.85	0.097	19.70	0.093
5	QPSK	12	0	19.04	0.080	19.16	0.082	19.00	0.079
5	QPSK	12	7	18.98	0.079	19.02	0.080	18.98	0.079
5	QPSK	12	13	18.92	0.078	19.07	0.081	18.86	0.077
5	QPSK	25	0	18.94	0.078	18.98	0.079	18.91	0.078
5	16QAM	1	0	18.96	0.079	19.06	0.081	18.95	0.079
5	16QAM	1	12	18.88	0.077	19.04	0.080	18.87	0.077
5	16QAM	1	24	18.81	0.076	19.04	0.080	18.90	0.078
5	16QAM	12	0	17.99	0.063	18.11	0.065	17.95	0.062
5	16QAM	12	7	17.93	0.062	18.02	0.063	17.87	0.061
5	16QAM	12	13	17.87	0.061	17.92	0.062	17.86	0.061
5	16QAM	25	0	17.81	0.060	17.97	0.063	17.83	0.061
5	64QAM	1	0	17.85	0.061	17.89	0.062	17.85	0.061
5	64QAM	1	12	17.92	0.062	17.86	0.061	17.82	0.061
5	64QAM	1	24	17.93	0.062	17.74	0.059	17.82	0.061
5	64QAM	12	0	16.66	0.046	16.70	0.047	16.70	0.047
5	64QAM	12	7	16.56	0.045	16.61	0.046	16.57	0.045
5	64QAM	12	13	16.54	0.045	16.56	0.045	16.60	0.046
5	64QAM	25	0	16.60	0.046	16.50	0.045	16.52	0.045



LTE Band 12				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23025		23095		23165	
Frequency (MHz)				700.5		707.5		714.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	19.79	0.095	19.84	0.096	19.77	0.095
3	QPSK	1	8	19.73	0.094	19.82	0.096	19.77	0.095
3	QPSK	1	14	19.79	0.095	19.80	0.095	19.65	0.092
3	QPSK	8	0	18.99	0.079	19.11	0.081	18.95	0.079
3	QPSK	8	4	18.93	0.078	18.97	0.079	18.93	0.078
3	QPSK	8	7	18.87	0.077	19.02	0.080	18.81	0.076
3	QPSK	15	0	18.89	0.077	18.93	0.078	18.86	0.077
3	16QAM	1	0	18.91	0.078	19.01	0.080	18.90	0.078
3	16QAM	1	8	18.83	0.076	18.99	0.079	18.82	0.076
3	16QAM	1	14	18.76	0.075	18.99	0.079	18.85	0.077
3	16QAM	8	0	17.94	0.062	18.06	0.064	17.90	0.062
3	16QAM	8	4	17.88	0.061	17.97	0.063	17.82	0.061
3	16QAM	8	7	17.82	0.061	17.87	0.061	17.81	0.060
3	16QAM	15	0	17.76	0.060	17.92	0.062	17.78	0.060
3	64QAM	1	0	17.80	0.060	17.84	0.061	17.80	0.060
3	64QAM	1	8	17.87	0.061	17.81	0.060	17.77	0.060
3	64QAM	1	14	17.88	0.061	17.69	0.059	17.77	0.060
3	64QAM	8	0	16.61	0.046	16.65	0.046	16.65	0.046
3	64QAM	8	4	16.51	0.045	16.56	0.045	16.52	0.045
3	64QAM	8	7	16.49	0.045	16.51	0.045	16.55	0.045
3	64QAM	15	0	16.55	0.045	16.45	0.044	16.47	0.044



LTE Band 12				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23017		23095		23173	
Frequency (MHz)				699.7		707.5		715.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	19.74	0.094	19.79	0.095	19.72	0.094
1.4	QPSK	1	3	19.68	0.093	19.77	0.095	19.72	0.094
1.4	QPSK	1	5	19.74	0.094	19.75	0.094	19.60	0.091
1.4	QPSK	3	0	18.94	0.078	19.06	0.081	18.90	0.078
1.4	QPSK	3	1	18.88	0.077	18.92	0.078	18.88	0.077
1.4	QPSK	3	3	18.82	0.076	18.97	0.079	18.76	0.075
1.4	QPSK	6	0	18.84	0.077	18.88	0.077	18.81	0.076
1.4	16QAM	1	0	18.86	0.077	18.96	0.079	18.85	0.077
1.4	16QAM	1	3	18.78	0.076	18.94	0.078	18.77	0.075
1.4	16QAM	1	5	18.71	0.074	18.94	0.078	18.80	0.076
1.4	16QAM	3	0	17.89	0.062	18.01	0.063	17.85	0.061
1.4	16QAM	3	1	17.83	0.061	17.92	0.062	17.77	0.060
1.4	16QAM	3	3	17.77	0.060	17.82	0.061	17.76	0.060
1.4	16QAM	6	0	17.71	0.059	17.87	0.061	17.73	0.059
1.4	64QAM	1	0	17.75	0.060	17.79	0.060	17.75	0.060
1.4	64QAM	1	3	17.82	0.061	17.76	0.060	17.72	0.059
1.4	64QAM	1	5	17.83	0.061	17.64	0.058	17.72	0.059
1.4	64QAM	3	0	16.56	0.045	16.60	0.046	16.60	0.046
1.4	64QAM	3	1	16.46	0.044	16.51	0.045	16.47	0.044
1.4	64QAM	3	3	16.44	0.044	16.46	0.044	16.50	0.045
1.4	64QAM	6	0	16.50	0.045	16.40	0.044	16.42	0.044



LTE Band 17				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23780		23790		23800	
Frequency (MHz)				709		710		711	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	19.80	0.095	19.91	0.098	19.78	0.095
10	QPSK	1	25	19.76	0.095	19.88	0.097	19.75	0.094
10	QPSK	1	49	19.75	0.094	19.80	0.095	19.68	0.093
10	QPSK	25	0	19.00	0.079	19.06	0.081	19.00	0.079
10	QPSK	25	12	18.95	0.079	18.97	0.079	18.90	0.078
10	QPSK	25	25	18.92	0.078	18.93	0.078	18.81	0.076
10	QPSK	50	0	18.87	0.077	18.90	0.078	18.82	0.076
10	16QAM	1	0	19.02	0.080	19.09	0.081	19.03	0.080
10	16QAM	1	25	19.00	0.079	19.07	0.081	18.95	0.079
10	16QAM	1	49	18.89	0.077	19.08	0.081	18.89	0.077
10	16QAM	25	0	17.99	0.063	18.11	0.065	18.01	0.063
10	16QAM	25	12	17.87	0.061	18.03	0.064	17.92	0.062
10	16QAM	25	25	17.91	0.062	17.98	0.063	17.88	0.061
10	16QAM	50	0	17.88	0.061	18.00	0.063	17.83	0.061
10	64QAM	1	0	17.77	0.060	17.88	0.061	17.69	0.059
10	64QAM	1	25	17.72	0.059	17.76	0.060	17.70	0.059
10	64QAM	1	49	17.65	0.058	17.87	0.061	17.69	0.059
10	64QAM	25	0	16.57	0.045	16.61	0.046	16.49	0.045
10	64QAM	25	12	16.38	0.043	16.59	0.046	16.48	0.044
10	64QAM	25	25	16.47	0.044	16.49	0.045	16.40	0.044
10	64QAM	50	0	16.36	0.043	16.52	0.045	16.34	0.043



LTE Band 17				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23755		23790		23825	
Frequency (MHz)				706.5		710		713.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	19.74	0.094	19.87	0.097	19.73	0.094
5	QPSK	1	12	19.65	0.092	19.81	0.096	19.71	0.094
5	QPSK	1	24	19.68	0.093	19.73	0.094	19.63	0.092
5	QPSK	12	0	18.95	0.079	19.03	0.080	18.94	0.078
5	QPSK	12	7	18.90	0.078	18.87	0.077	18.82	0.076
5	QPSK	12	13	18.85	0.077	18.83	0.076	18.74	0.075
5	QPSK	25	0	18.80	0.076	18.81	0.076	18.74	0.075
5	16QAM	1	0	18.97	0.079	19.07	0.081	18.96	0.079
5	16QAM	1	12	18.93	0.078	19.03	0.080	18.90	0.078
5	16QAM	1	24	18.83	0.076	19.02	0.080	18.87	0.077
5	16QAM	12	0	17.91	0.062	18.07	0.064	17.94	0.062
5	16QAM	12	7	17.83	0.061	17.98	0.063	17.86	0.061
5	16QAM	12	13	17.84	0.061	17.94	0.062	17.81	0.060
5	16QAM	25	0	17.81	0.060	17.95	0.062	17.76	0.060
5	64QAM	1	0	17.73	0.059	17.83	0.061	17.66	0.058
5	64QAM	1	12	17.69	0.059	17.70	0.059	17.63	0.058
5	64QAM	1	24	17.60	0.058	17.83	0.061	17.60	0.058
5	64QAM	12	0	16.52	0.045	16.54	0.045	16.40	0.044
5	64QAM	12	7	16.32	0.043	16.53	0.045	16.40	0.044
5	64QAM	12	13	16.43	0.044	16.41	0.044	16.32	0.043
5	64QAM	25	0	16.31	0.043	16.47	0.044	16.29	0.043



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	21.13	0.130	21.22	0.132	21.07	0.128
20	QPSK	1	49	21.10	0.129	21.20	0.132	21.14	0.130
20	QPSK	1	99	21.00	0.126	21.14	0.130	21.02	0.126
20	QPSK	50	0	20.33	0.108	20.48	0.112	20.39	0.109
20	QPSK	50	24	20.26	0.106	20.33	0.108	20.24	0.106
20	QPSK	50	50	20.16	0.104	20.35	0.108	20.25	0.106
20	QPSK	100	0	20.18	0.104	20.26	0.106	20.24	0.106
20	16QAM	1	0	20.46	0.111	20.42	0.110	20.41	0.110
20	16QAM	1	49	20.48	0.112	20.50	0.112	20.48	0.112
20	16QAM	1	99	20.33	0.108	20.48	0.112	20.41	0.110
20	16QAM	50	0	19.46	0.088	19.48	0.089	19.50	0.089
20	16QAM	50	24	19.39	0.087	19.39	0.087	19.36	0.086
20	16QAM	50	50	19.37	0.086	19.33	0.086	19.36	0.086
20	16QAM	100	0	19.32	0.086	19.39	0.087	19.29	0.085
20	64QAM	1	0	19.17	0.083	19.24	0.084	19.28	0.085
20	64QAM	1	49	19.10	0.081	19.13	0.082	19.24	0.084
20	64QAM	1	99	19.22	0.084	19.09	0.081	19.19	0.083
20	64QAM	50	0	18.00	0.063	18.06	0.064	18.06	0.064
20	64QAM	50	24	17.94	0.062	17.89	0.062	17.87	0.061
20	64QAM	50	50	17.85	0.061	17.88	0.061	17.82	0.061
20	64QAM	100	0	17.86	0.061	17.88	0.061	17.88	0.061



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	21.10	0.129	21.15	0.130	21.03	0.127
15	QPSK	1	37	21.00	0.126	21.13	0.130	21.03	0.127
15	QPSK	1	74	20.94	0.124	21.05	0.127	20.92	0.124
15	QPSK	36	0	20.27	0.106	20.42	0.110	20.35	0.108
15	QPSK	36	20	20.19	0.104	20.23	0.105	20.17	0.104
15	QPSK	36	39	20.09	0.102	20.29	0.107	20.19	0.104
15	QPSK	75	0	20.09	0.102	20.15	0.104	20.17	0.104
15	16QAM	1	0	20.43	0.110	20.39	0.109	20.39	0.109
15	16QAM	1	37	20.42	0.110	20.48	0.112	20.43	0.110
15	16QAM	1	74	20.28	0.107	20.42	0.110	20.33	0.108
15	16QAM	36	0	19.39	0.087	19.44	0.088	19.48	0.089
15	16QAM	36	20	19.31	0.085	19.35	0.086	19.30	0.085
15	16QAM	36	39	19.31	0.085	19.30	0.085	19.29	0.085
15	16QAM	75	0	19.29	0.085	19.33	0.086	19.23	0.084
15	64QAM	1	0	19.13	0.082	19.17	0.083	19.24	0.084
15	64QAM	1	37	19.01	0.080	19.08	0.081	19.17	0.083
15	64QAM	1	74	19.14	0.082	19.04	0.080	19.13	0.082
15	64QAM	36	0	17.96	0.063	18.02	0.063	17.97	0.063
15	64QAM	36	20	17.87	0.061	17.83	0.061	17.82	0.061
15	64QAM	36	39	17.81	0.060	17.79	0.060	17.78	0.060
15	64QAM	75	0	17.82	0.061	17.79	0.060	17.86	0.061



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	21.05	0.127	21.11	0.129	20.95	0.124
10	QPSK	1	25	20.95	0.124	21.03	0.127	20.92	0.124
10	QPSK	1	49	20.83	0.121	20.94	0.124	20.81	0.121
10	QPSK	25	0	20.18	0.104	20.39	0.109	20.30	0.107
10	QPSK	25	12	20.11	0.103	20.17	0.104	20.08	0.102
10	QPSK	25	25	19.98	0.100	20.19	0.104	20.09	0.102
10	QPSK	50	0	20.00	0.100	20.06	0.101	20.06	0.101
10	16QAM	1	0	20.38	0.109	20.33	0.108	20.34	0.108
10	16QAM	1	25	20.35	0.108	20.44	0.111	20.40	0.110
10	16QAM	1	49	20.22	0.105	20.35	0.108	20.29	0.107
10	16QAM	25	0	19.31	0.085	19.37	0.086	19.43	0.088
10	16QAM	25	12	19.22	0.084	19.26	0.084	19.23	0.084
10	16QAM	25	25	19.23	0.084	19.25	0.084	19.22	0.084
10	16QAM	50	0	19.26	0.084	19.25	0.084	19.15	0.082
10	64QAM	1	0	19.09	0.081	19.08	0.081	19.18	0.083
10	64QAM	1	25	18.95	0.079	19.00	0.079	19.12	0.082
10	64QAM	1	49	19.10	0.081	19.00	0.079	19.07	0.081
10	64QAM	25	0	17.90	0.062	17.99	0.063	17.95	0.062
10	64QAM	25	12	17.84	0.061	17.74	0.059	17.79	0.060
10	64QAM	25	25	17.77	0.060	17.77	0.060	17.74	0.059
10	64QAM	50	0	17.80	0.060	17.75	0.060	17.84	0.061



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	21.03	0.127	21.07	0.128	20.98	0.125
5	QPSK	1	12	20.91	0.123	21.04	0.127	20.99	0.126
5	QPSK	1	24	20.88	0.122	20.97	0.125	20.86	0.122
5	QPSK	12	0	20.21	0.105	20.33	0.108	20.29	0.107
5	QPSK	12	7	20.11	0.103	20.12	0.103	20.11	0.103
5	QPSK	12	13	20.00	0.100	20.21	0.105	20.13	0.103
5	QPSK	25	0	19.99	0.100	20.02	0.100	20.06	0.101
5	16QAM	1	0	20.35	0.108	20.30	0.107	20.34	0.108
5	16QAM	1	12	20.36	0.109	20.40	0.110	20.34	0.108
5	16QAM	1	24	20.22	0.105	20.35	0.108	20.30	0.107
5	16QAM	12	0	19.36	0.086	19.36	0.086	19.40	0.087
5	16QAM	12	7	19.26	0.084	19.29	0.085	19.21	0.083
5	16QAM	12	13	19.26	0.084	19.25	0.084	19.26	0.084
5	16QAM	25	0	19.26	0.084	19.30	0.085	19.18	0.083
5	64QAM	1	0	19.09	0.081	19.09	0.081	19.20	0.083
5	64QAM	1	12	18.92	0.078	19.02	0.080	19.14	0.082
5	64QAM	1	24	19.07	0.081	19.00	0.079	19.09	0.081
5	64QAM	12	0	17.93	0.062	17.97	0.063	17.88	0.061
5	64QAM	12	7	17.81	0.060	17.77	0.060	17.79	0.060
5	64QAM	12	13	17.77	0.060	17.75	0.060	17.75	0.060
5	64QAM	25	0	17.75	0.060	17.71	0.059	17.82	0.061



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	20.97	0.125	21.08	0.128	20.90	0.123
3	QPSK	1	8	20.85	0.122	21.01	0.126	20.86	0.122
3	QPSK	1	14	20.70	0.117	20.85	0.122	20.75	0.119
3	QPSK	8	0	20.16	0.104	20.26	0.106	20.24	0.106
3	QPSK	8	4	20.06	0.101	20.10	0.102	20.03	0.101
3	QPSK	8	7	19.94	0.099	20.10	0.102	20.05	0.101
3	QPSK	15	0	19.95	0.099	20.00	0.100	20.03	0.101
3	16QAM	1	0	20.30	0.107	20.30	0.107	20.33	0.108
3	16QAM	1	8	20.28	0.107	20.36	0.109	20.35	0.108
3	16QAM	1	14	20.15	0.104	20.35	0.108	20.20	0.105
3	16QAM	8	0	19.29	0.085	19.36	0.086	19.38	0.087
3	16QAM	8	4	19.18	0.083	19.30	0.085	19.14	0.082
3	16QAM	8	7	19.20	0.083	19.22	0.084	19.22	0.084
3	16QAM	15	0	19.13	0.082	19.27	0.085	19.15	0.082
3	64QAM	1	0	19.00	0.079	19.06	0.081	19.12	0.082
3	64QAM	1	8	18.90	0.078	18.95	0.079	19.09	0.081
3	64QAM	1	14	19.04	0.080	18.91	0.078	19.01	0.080
3	64QAM	8	0	17.84	0.061	17.88	0.061	17.83	0.061
3	64QAM	8	4	17.78	0.060	17.71	0.059	17.72	0.059
3	64QAM	8	7	17.69	0.059	17.71	0.059	17.69	0.059
3	64QAM	15	0	17.69	0.059	17.70	0.059	17.74	0.059



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	20.99	0.126	21.08	0.128	20.91	0.123
1.4	QPSK	1	3	20.85	0.122	21.02	0.126	20.89	0.123
1.4	QPSK	1	5	20.73	0.118	20.86	0.122	20.71	0.118
1.4	QPSK	3	0	20.13	0.103	20.30	0.107	20.24	0.106
1.4	QPSK	3	1	20.08	0.102	20.08	0.102	20.06	0.101
1.4	QPSK	3	3	19.97	0.099	20.13	0.103	20.00	0.100
1.4	QPSK	6	0	19.90	0.098	19.99	0.100	19.98	0.100
1.4	16QAM	1	0	20.31	0.107	20.31	0.107	20.32	0.108
1.4	16QAM	1	3	20.27	0.106	20.37	0.109	20.34	0.108
1.4	16QAM	1	5	20.19	0.104	20.36	0.109	20.16	0.104
1.4	16QAM	3	0	19.29	0.085	19.33	0.086	19.38	0.087
1.4	16QAM	3	1	19.18	0.083	19.29	0.085	19.20	0.083
1.4	16QAM	3	3	19.20	0.083	19.19	0.083	19.19	0.083
1.4	16QAM	6	0	19.14	0.082	19.26	0.084	19.17	0.083
1.4	64QAM	1	0	19.02	0.080	19.04	0.080	19.12	0.082
1.4	64QAM	1	3	18.87	0.077	18.98	0.079	19.07	0.081
1.4	64QAM	1	5	18.98	0.079	18.92	0.078	19.01	0.080
1.4	64QAM	3	0	17.85	0.061	17.91	0.062	17.88	0.061
1.4	64QAM	3	1	17.95	0.062	17.90	0.062	17.98	0.063
1.4	64QAM	3	3	17.90	0.062	17.88	0.061	17.88	0.061
1.4	64QAM	6	0	17.69	0.059	17.63	0.058	17.69	0.059



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	17.83	0.061	17.86	0.061	17.85	0.061
20	QPSK	1	49	17.83	0.061	17.79	0.060	17.70	0.059
20	QPSK	1	99	17.65	0.058	17.80	0.060	17.66	0.058
20	QPSK	50	0	17.02	0.050	17.15	0.052	17.00	0.050
20	QPSK	50	24	16.87	0.049	16.95	0.050	16.87	0.049
20	QPSK	50	50	16.89	0.049	16.92	0.049	16.82	0.048
20	QPSK	100	0	16.92	0.049	16.99	0.050	16.91	0.049
20	16QAM	1	0	17.07	0.051	17.18	0.052	17.09	0.051
20	16QAM	1	49	16.96	0.050	17.04	0.051	16.93	0.049
20	16QAM	1	99	16.92	0.049	17.10	0.051	17.00	0.050
20	16QAM	50	0	16.00	0.040	16.11	0.041	16.09	0.041
20	16QAM	50	24	15.91	0.039	15.97	0.040	15.99	0.040
20	16QAM	50	50	15.88	0.039	16.06	0.040	15.88	0.039
20	16QAM	100	0	15.87	0.039	15.99	0.040	15.83	0.038
20	64QAM	1	0	15.74	0.037	15.77	0.038	15.71	0.037
20	64QAM	1	49	15.60	0.036	15.79	0.038	15.69	0.037
20	64QAM	1	99	15.55	0.036	15.64	0.037	15.62	0.036
20	64QAM	50	0	14.61	0.029	14.74	0.030	14.63	0.029
20	64QAM	50	24	14.43	0.028	14.64	0.029	14.54	0.028
20	64QAM	50	50	14.52	0.028	14.55	0.029	14.45	0.028
20	64QAM	100	0	14.39	0.027	14.59	0.029	14.43	0.028



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	
15	QPSK	1	0	17.77	0.060	17.84	0.061	17.77	0.060		
15	QPSK	1	37	17.78	0.060	17.68	0.059	17.62	0.058		
15	QPSK	1	74	17.57	0.057	17.72	0.059	17.56	0.057		
15	QPSK	36	0	16.99	0.050	17.10	0.051	16.93	0.049		
15	QPSK	36	20	16.82	0.048	16.86	0.049	16.78	0.048		
15	QPSK	36	39	16.80	0.048	16.83	0.048	16.71	0.047		
15	QPSK	75	0	16.83	0.048	16.92	0.049	16.84	0.048		
15	16QAM	1	0	17.04	0.051	17.11	0.051	17.04	0.051		
15	16QAM	1	37	16.88	0.049	16.99	0.050	16.88	0.049		
15	16QAM	1	74	16.84	0.048	17.04	0.051	16.95	0.050		
15	16QAM	36	0	15.93	0.039	16.05	0.040	16.05	0.040		
15	16QAM	36	20	15.85	0.038	15.90	0.039	15.96	0.039		
15	16QAM	36	39	15.80	0.038	15.99	0.040	15.79	0.038		
15	16QAM	75	0	15.83	0.038	15.97	0.040	15.78	0.038		
15	64QAM	1	0	15.67	0.037	15.68	0.037	15.68	0.037		
15	64QAM	1	37	15.58	0.036	15.74	0.037	15.63	0.037		
15	64QAM	1	74	15.48	0.035	15.62	0.036	15.53	0.036		
15	64QAM	36	0	14.53	0.028	14.66	0.029	14.56	0.029		
15	64QAM	36	20	14.36	0.027	14.59	0.029	14.51	0.028		
15	64QAM	36	39	14.44	0.028	14.48	0.028	14.41	0.028		
15	64QAM	75	0	14.34	0.027	14.53	0.028	14.40	0.028		



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	17.77	0.060	17.82	0.061	17.78	0.060
10	QPSK	1	25	17.75	0.060	17.70	0.059	17.64	0.058
10	QPSK	1	49	17.59	0.057	17.68	0.059	17.59	0.057
10	QPSK	25	0	16.98	0.050	17.09	0.051	16.96	0.050
10	QPSK	25	12	16.76	0.047	16.87	0.049	16.79	0.048
10	QPSK	25	25	16.81	0.048	16.86	0.049	16.73	0.047
10	QPSK	50	0	16.85	0.048	16.88	0.049	16.84	0.048
10	16QAM	1	0	17.01	0.050	17.13	0.052	17.05	0.051
10	16QAM	1	25	16.91	0.049	16.97	0.050	16.87	0.049
10	16QAM	1	49	16.84	0.048	17.07	0.051	16.97	0.050
10	16QAM	25	0	15.94	0.039	16.07	0.040	16.06	0.040
10	16QAM	25	12	15.86	0.039	15.90	0.039	15.94	0.039
10	16QAM	25	25	15.81	0.038	16.02	0.040	15.82	0.038
10	16QAM	50	0	15.85	0.038	15.96	0.039	15.77	0.038
10	64QAM	1	0	15.66	0.037	15.71	0.037	15.69	0.037
10	64QAM	1	25	15.57	0.036	15.71	0.037	15.61	0.036
10	64QAM	1	49	15.47	0.035	15.60	0.036	15.58	0.036
10	64QAM	25	0	14.57	0.029	14.70	0.030	14.58	0.029
10	64QAM	25	12	14.39	0.027	14.60	0.029	14.51	0.028
10	64QAM	25	25	14.48	0.028	14.49	0.028	14.41	0.028
10	64QAM	50	0	14.36	0.027	14.54	0.028	14.40	0.028



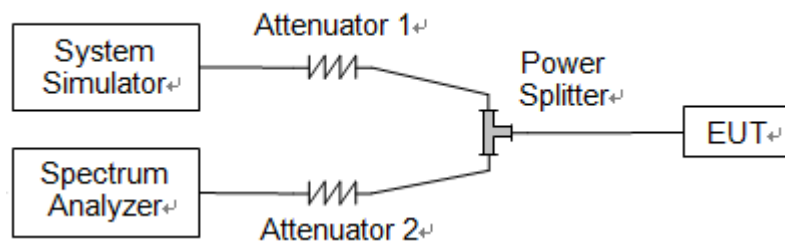
LTE Band 71				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				133147		133297		133447	
Frequency (MHz)				665.5		680.5		695.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	17.72	0.059	17.78	0.060	17.73	0.059
5	QPSK	1	12	17.71	0.059	17.66	0.058	17.59	0.057
5	QPSK	1	24	17.51	0.056	17.58	0.057	17.50	0.056
5	QPSK	12	0	16.93	0.049	17.04	0.051	16.89	0.049
5	QPSK	12	7	16.69	0.047	16.77	0.048	16.73	0.047
5	QPSK	12	13	16.73	0.047	16.81	0.048	16.66	0.046
5	QPSK	25	0	16.75	0.047	16.78	0.048	16.72	0.047
5	16QAM	1	0	16.97	0.050	17.08	0.051	17.00	0.050
5	16QAM	1	12	16.83	0.048	16.90	0.049	16.80	0.048
5	16QAM	1	24	16.78	0.048	17.05	0.051	16.91	0.049
5	16QAM	12	0	15.85	0.038	16.00	0.040	16.01	0.040
5	16QAM	12	7	15.83	0.038	15.87	0.039	15.86	0.039
5	16QAM	12	13	15.72	0.037	15.97	0.040	15.78	0.038
5	16QAM	25	0	15.83	0.038	15.89	0.039	15.74	0.037
5	64QAM	1	0	15.62	0.036	15.63	0.037	15.65	0.037
5	64QAM	1	12	15.52	0.036	15.66	0.037	15.55	0.036
5	64QAM	1	24	15.39	0.035	15.53	0.036	15.49	0.035
5	64QAM	12	0	14.53	0.028	14.68	0.029	14.55	0.029
5	64QAM	12	7	14.30	0.027	14.56	0.029	14.47	0.028
5	64QAM	12	13	14.42	0.028	14.46	0.028	14.38	0.027
5	64QAM	25	0	14.28	0.027	14.50	0.028	14.35	0.027

2.2. Occupied Bandwidth

2.2.1. Requirement

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

2.2.2. Test Description



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

2.2.3. Test Procedure

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

2.2.4. Test Result



LTE Band 2				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.09	1.24
	Low	16QAM	1.10	1.26
	Low	64QAM	1.10	1.25
	Mid	QPSK	1.09	1.25
	Mid	16QAM	1.10	1.25
	Mid	64QAM	1.10	1.25
	High	QPSK	1.10	1.25
	High	16QAM	1.10	1.25
	High	64QAM	1.10	1.25
3	Low	QPSK	2.71	3.05
	Low	16QAM	2.72	3.07
	Low	64QAM	2.71	3.02
	Mid	QPSK	2.72	3.06
	Mid	16QAM	2.71	3.07
	Mid	64QAM	2.71	3.05
	High	QPSK	2.72	3.05
	High	16QAM	2.71	3.04
	High	64QAM	2.71	3.04
5	Low	QPSK	4.50	4.97
	Low	16QAM	4.49	4.94
	Low	64QAM	4.50	4.95
	Mid	QPSK	4.50	4.94
	Mid	16QAM	4.50	4.99
	Mid	64QAM	4.51	4.98
	High	QPSK	4.50	5.00
	High	16QAM	4.51	4.97
	High	64QAM	4.50	4.98
10	Low	QPSK	9.02	9.91
	Low	16QAM	8.98	9.81
	Low	64QAM	9.01	9.91
	Mid	QPSK	9.00	9.84
	Mid	16QAM	8.98	9.84
	Mid	64QAM	9.02	9.94
	High	QPSK	9.01	9.93
	High	16QAM	8.98	9.92
	High	64QAM	9.01	9.89



15	Low	QPSK	13.52	14.99
	Low	16QAM	13.50	15.04
	Low	64QAM	13.48	15.04
	Mid	QPSK	13.49	14.96
	Mid	16QAM	13.49	15.02
	Mid	64QAM	13.47	14.96
	High	QPSK	13.53	14.85
	High	16QAM	13.50	15.06
	High	64QAM	13.47	14.95
20	Low	QPSK	18.01	19.86
	Low	16QAM	18.02	19.89
	Low	64QAM	18.04	19.74
	Mid	QPSK	18.02	19.86
	Mid	16QAM	18.03	19.73
	Mid	64QAM	18.02	19.73
	High	QPSK	18.00	19.78
	High	16QAM	18.01	19.85
	High	64QAM	18.01	19.75



LTE Band 4				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.10	1.25
	Low	16QAM	1.10	1.25
	Low	64QAM	1.10	1.26
	Mid	QPSK	1.10	1.25
	Mid	16QAM	1.10	1.25
	Mid	64QAM	1.10	1.25
	High	QPSK	1.10	1.25
	High	16QAM	1.10	1.26
	High	64QAM	1.10	1.26
3	Low	QPSK	2.72	3.04
	Low	16QAM	2.71	3.04
	Low	64QAM	2.71	3.04
	Mid	QPSK	2.72	3.06
	Mid	16QAM	2.71	3.06
	Mid	64QAM	2.71	3.04
	High	QPSK	2.71	3.05
	High	16QAM	2.71	3.07
	High	64QAM	2.71	3.04
5	Low	QPSK	4.50	4.98
	Low	16QAM	4.49	5.00
	Low	64QAM	4.49	4.96
	Mid	QPSK	4.50	4.98
	Mid	16QAM	4.49	4.99
	Mid	64QAM	4.50	5.00
	High	QPSK	4.50	4.98
	High	16QAM	4.50	4.97
	High	64QAM	4.50	4.99
10	Low	QPSK	9.03	9.87
	Low	16QAM	8.96	9.86
	Low	64QAM	9.00	9.95
	Mid	QPSK	9.01	9.83
	Mid	16QAM	8.98	9.81
	Mid	64QAM	9.00	9.95
	High	QPSK	9.03	9.90
	High	16QAM	8.98	9.86
	High	64QAM	9.00	9.97



15	Low	QPSK	13.48	14.99
	Low	16QAM	13.49	15.00
	Low	64QAM	13.48	14.88
	Mid	QPSK	13.46	14.87
	Mid	16QAM	13.48	14.99
	Mid	64QAM	13.46	14.88
	High	QPSK	13.49	14.87
	High	16QAM	13.50	14.96
	High	64QAM	13.50	14.89
20	Low	QPSK	17.97	19.67
	Low	16QAM	18.03	19.79
	Low	64QAM	18.01	19.81
	Mid	QPSK	17.95	19.72
	Mid	16QAM	17.98	19.76
	Mid	64QAM	17.98	19.89
	High	QPSK	18.04	19.76
	High	16QAM	18.02	19.94
	High	64QAM	18.04	19.76



LTE Band 5				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.10	1.24
	Low	16QAM	1.10	1.26
	Low	64QAM	1.10	1.25
	Mid	QPSK	1.10	1.24
	Mid	16QAM	1.10	1.25
	Mid	64QAM	1.10	1.25
	High	QPSK	1.10	1.25
	High	16QAM	1.10	1.26
	High	64QAM	1.10	1.25
3	Low	QPSK	2.72	3.06
	Low	16QAM	2.72	3.06
	Low	64QAM	2.71	3.05
	Mid	QPSK	2.72	3.03
	Mid	16QAM	2.71	3.05
	Mid	64QAM	2.71	3.03
	High	QPSK	2.72	3.04
	High	16QAM	2.72	3.05
	High	64QAM	2.71	3.04
5	Low	QPSK	4.50	4.97
	Low	16QAM	4.50	5.00
	Low	64QAM	4.51	4.99
	Mid	QPSK	4.50	4.97
	Mid	16QAM	4.50	4.96
	Mid	64QAM	4.50	4.98
	High	QPSK	4.50	4.95
	High	16QAM	4.50	4.98
	High	64QAM	4.50	4.96
10	Low	QPSK	8.99	9.83
	Low	16QAM	8.95	9.83
	Low	64QAM	8.98	9.91
	Mid	QPSK	9.04	9.85
	Mid	16QAM	8.98	9.84
	Mid	64QAM	9.03	9.98
	High	QPSK	9.02	9.85
	High	16QAM	8.98	9.89
	High	64QAM	8.99	9.87



LTE Band 7				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.50	4.98
	Low	16QAM	4.51	4.96
	Low	64QAM	4.50	4.97
	Mid	QPSK	4.50	4.99
	Mid	16QAM	4.50	5.00
	Mid	64QAM	4.51	4.97
	High	QPSK	4.51	4.98
	High	16QAM	4.50	4.96
	High	64QAM	4.50	4.99
10	Low	QPSK	9.01	9.83
	Low	16QAM	8.98	9.87
	Low	64QAM	9.01	9.93
	Mid	QPSK	9.02	9.92
	Mid	16QAM	8.98	9.86
	Mid	64QAM	8.99	9.93
	High	QPSK	8.99	9.84
	High	16QAM	8.97	9.86
	High	64QAM	9.01	9.91
15	Low	QPSK	13.47	14.89
	Low	16QAM	13.48	14.99
	Low	64QAM	13.49	14.98
	Mid	QPSK	13.50	14.91
	Mid	16QAM	13.50	15.03
	Mid	64QAM	13.49	14.92
	High	QPSK	13.46	14.95
	High	16QAM	13.51	14.90
	High	64QAM	13.48	14.96
20	Low	QPSK	17.98	19.70
	Low	16QAM	18.01	19.77
	Low	64QAM	17.96	19.75
	Mid	QPSK	18.02	19.85
	Mid	16QAM	18.07	19.77
	Mid	64QAM	17.93	18.88
	High	QPSK	17.98	19.70
	High	16QAM	18.01	19.90
	High	64QAM	17.98	19.72



LTE Band 12				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.10	1.25
	Low	16QAM	1.10	1.25
	Low	64QAM	1.10	1.24
	Mid	QPSK	1.10	1.25
	Mid	16QAM	1.10	1.25
	Mid	64QAM	1.10	1.25
	High	QPSK	1.10	1.24
	High	16QAM	1.10	1.26
	High	64QAM	1.10	1.26
3	Low	QPSK	2.72	3.04
	Low	16QAM	2.71	3.05
	Low	64QAM	2.71	3.04
	Mid	QPSK	2.72	3.04
	Mid	16QAM	2.71	3.03
	Mid	64QAM	2.72	3.05
	High	QPSK	2.71	3.05
	High	16QAM	2.71	3.04
	High	64QAM	2.71	3.04
5	Low	QPSK	4.50	4.98
	Low	16QAM	4.50	4.97
	Low	64QAM	4.51	4.98
	Mid	QPSK	4.50	4.97
	Mid	16QAM	4.50	4.98
	Mid	64QAM	4.50	4.97
	High	QPSK	4.50	4.99
	High	16QAM	4.50	5.01
	High	64QAM	4.51	4.98
10	Low	QPSK	9.02	9.86
	Low	16QAM	8.96	9.80
	Low	64QAM	9.00	9.94
	Mid	QPSK	9.01	9.91
	Mid	16QAM	8.98	9.87
	Mid	64QAM	9.00	9.90
	High	QPSK	9.03	9.89
	High	16QAM	8.98	9.83
	High	64QAM	9.01	9.96



LTE Band 17				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.49	4.96
	Low	16QAM	4.51	4.95
	Low	64QAM	4.50	4.97
	Mid	QPSK	4.50	4.97
	Mid	16QAM	4.51	4.99
	Mid	64QAM	4.51	5.01
	High	QPSK	4.50	4.95
	High	16QAM	4.50	4.94
	High	64QAM	4.50	4.96
10	Low	QPSK	9.02	9.96
	Low	16QAM	8.97	9.87
	Low	64QAM	9.01	9.97
	Mid	QPSK	9.02	9.86
	Mid	16QAM	8.99	9.88
	Mid	64QAM	9.03	9.93
	High	QPSK	9.04	9.84
	High	16QAM	8.98	9.82
	High	64QAM	9.03	9.98



LTE Band 66				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.10	1.25
	Low	16QAM	1.10	1.25
	Low	64QAM	1.10	1.25
	Mid	QPSK	1.10	1.25
	Mid	16QAM	1.10	1.26
	Mid	64QAM	1.11	1.26
	High	QPSK	1.10	1.26
	High	16QAM	1.10	1.25
	High	64QAM	1.10	1.25
3	Low	QPSK	2.71	3.04
	Low	16QAM	2.72	3.05
	Low	64QAM	2.71	3.05
	Mid	QPSK	2.71	3.06
	Mid	16QAM	2.72	3.06
	Mid	64QAM	2.71	3.05
	High	QPSK	2.71	3.08
	High	16QAM	2.71	3.06
	High	64QAM	2.71	3.05
5	Low	QPSK	4.50	4.99
	Low	16QAM	4.50	4.99
	Low	64QAM	4.50	4.98
	Mid	QPSK	4.51	4.98
	Mid	16QAM	4.50	4.98
	Mid	64QAM	4.51	4.96
	High	QPSK	4.50	5.00
	High	16QAM	4.50	4.99
	High	64QAM	4.50	4.97
10	Low	QPSK	9.00	9.89
	Low	16QAM	8.96	9.79
	Low	64QAM	8.98	9.88
	Mid	QPSK	9.02	9.93
	Mid	16QAM	8.97	9.85
	Mid	64QAM	8.99	9.92
	High	QPSK	9.01	9.85
	High	16QAM	8.98	9.84
	High	64QAM	9.00	9.98



15	Low	QPSK	13.50	14.81
	Low	16QAM	13.48	14.97
	Low	64QAM	13.45	14.98
	Mid	QPSK	13.50	14.93
	Mid	16QAM	13.51	14.92
	Mid	64QAM	13.47	14.96
	High	QPSK	13.51	14.91
	High	16QAM	13.48	14.91
	High	64QAM	13.47	14.85
20	Low	QPSK	17.96	19.76
	Low	16QAM	17.99	19.69
	Low	64QAM	17.98	19.78
	Mid	QPSK	18.02	19.85
	Mid	16QAM	18.02	19.84
	Mid	64QAM	18.03	19.75
	High	QPSK	17.98	19.77
	High	16QAM	17.99	21.54
	High	64QAM	17.93	19.64



LTE Band 71				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.48	4.94
	Low	16QAM	4.49	4.97
	Low	64QAM	4.49	4.96
	Mid	QPSK	4.48	4.96
	Mid	16QAM	4.49	5.00
	Mid	64QAM	4.50	4.97
	High	QPSK	4.50	4.96
	High	16QAM	4.50	4.97
	High	64QAM	4.50	4.97
10	Low	QPSK	8.99	9.78
	Low	16QAM	8.94	9.84
	Low	64QAM	8.98	9.89
	Mid	QPSK	9.00	9.78
	Mid	16QAM	8.96	9.78
	Mid	64QAM	8.97	9.88
	High	QPSK	9.05	9.86
	High	16QAM	8.98	9.80
	High	64QAM	9.02	9.89
15	Low	QPSK	13.50	14.80
	Low	16QAM	13.51	14.83
	Low	64QAM	13.47	14.93
	Mid	QPSK	13.45	14.73
	Mid	16QAM	13.45	14.86
	Mid	64QAM	13.45	14.80
	High	QPSK	13.55	15.00
	High	16QAM	13.53	15.06
	High	64QAM	13.49	14.85
20	Low	QPSK	18.07	19.75
	Low	16QAM	18.09	19.76
	Low	64QAM	18.09	19.79
	Mid	QPSK	17.91	19.75
	Mid	16QAM	17.92	19.57
	Mid	64QAM	17.90	19.61
	High	QPSK	17.97	19.67
	High	16QAM	18.00	19.70
	High	64QAM	18.00	19.81



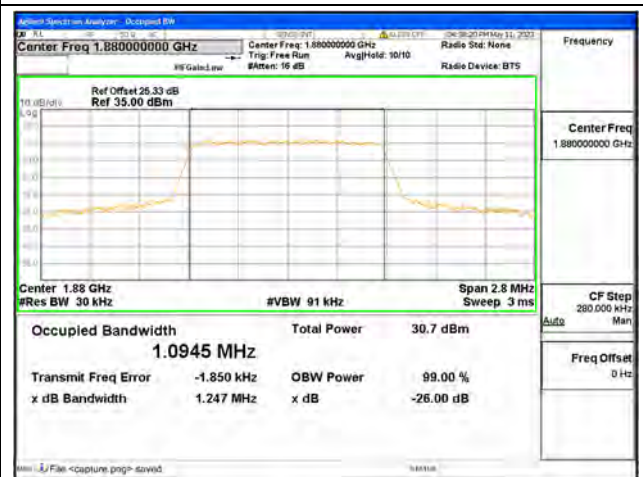
Band2 / 1.4MHz / QPSK/ Low CH



Band2 / 1.4MHz / 16QAM/ Low CH



Band2 / 1.4MHz / 64QAM/ Low CH



Band2 / 1.4MHz / QPSK/ Mid CH



Band2 / 1.4MHz / 16QAM/ Mid CH



Band2 / 1.4MHz / 64QAM/ Mid CH



Band2 / 1.4MHz / QPSK/ High CH



Band2 / 1.4MHz / 16QAM/ High CH



Band2 / 1.4MHz / 64QAM/ High CH



Band2 / 3MHz / QPSK/ Low CH



Band2 / 3MHz / 16QAM/ Low CH



Band2 / 3MHz / 64QAM/ Low CH



Band2 / 3MHz / QPSK/ Mid CH



Band2 / 3MHz / 16QAM/ Mid CH



Band2 / 3MHz / 64QAM/ Mid CH



Band2 / 3MHz / QPSK/ High CH



Band2 / 3MHz / 16QAM/ High CH



Band2 / 3MHz / 64QAM/ High CH



Band2 / 5MHz / QPSK/ Low CH



Band2 / 5MHz / 16QAM/ Low CH



Band2 / 5MHz / 64QAM/ Low CH



Band2 / 5MHz / QPSK/ Mid CH



Band2 / 5MHz / 16QAM/ Mid CH



Band2 / 5MHz / 64QAM/ Mid CH



Band2 / 5MHz / QPSK/ High CH



Band2 / 5MHz / 16QAM/ High CH



Band2 / 5MHz / 64QAM/ High CH



Band2 / 10MHz / QPSK/ Low CH



Band2 / 10MHz / 16QAM/ Low CH



Band2 / 10MHz / 64QAM/ Low CH



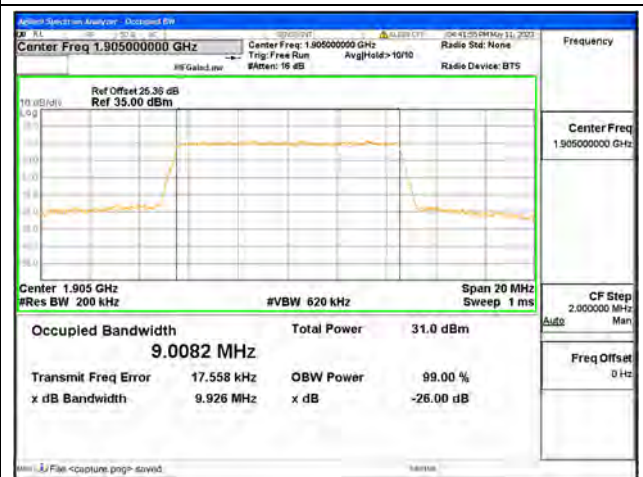
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Band2 / 10MHz / 16QAM/ Mid CH



Band2 / 10MHz / 64QAM/ Mid CH



Band2 / 10MHz / QPSK/ High CH



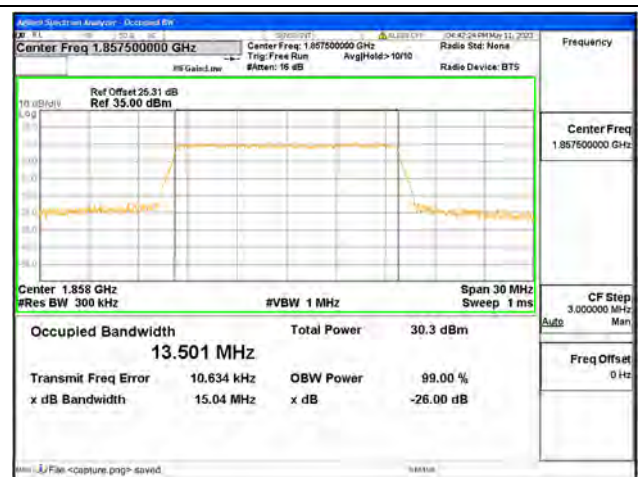
Band2 / 10MHz / 16QAM/ High CH



Band2 / 10MHz / 64QAM/ High CH



Band2 / 15MHz / QPSK/ Low CH



Band2 / 15MHz / 16QAM/ Low CH



Band2 / 15MHz / 64QAM/ Low CH



Band2 / 15MHz / QPSK/ Mid CH



Band2 / 15MHz / 16QAM/ Mid CH



Band2 / 15MHz / 64QAM/ Mid CH



Band2 / 15MHz / QPSK / High CH



Band2 / 15MHz / 16QAM / High CH



Band2 / 15MHz / 64QAM / High CH



Band2 / 20MHz / QPSK / Low CH



Band2 / 20MHz / 16QAM / Low CH



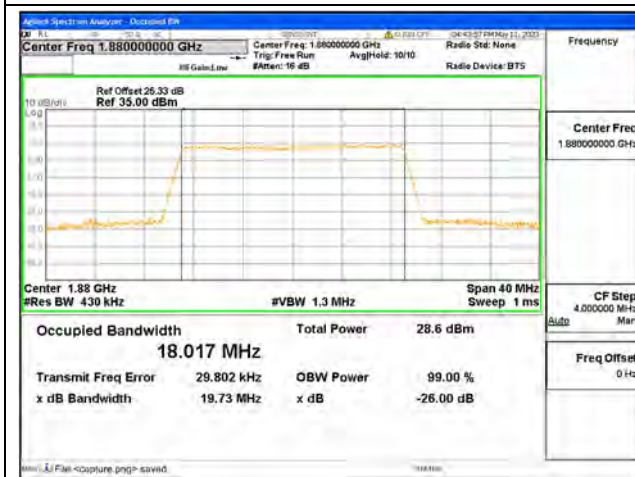
Band2 / 20MHz / 64QAM / Low CH



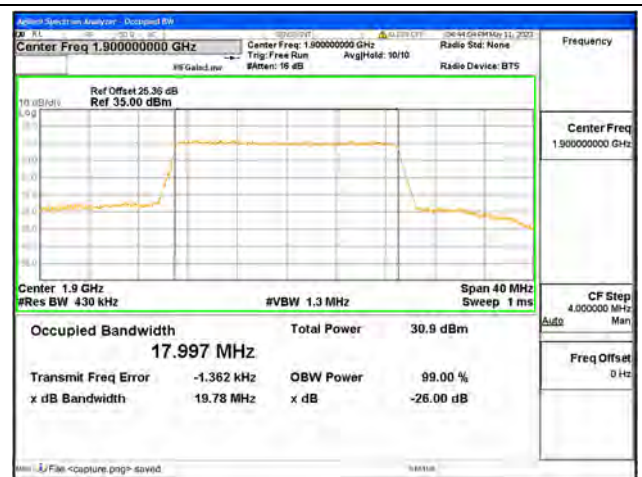
Band2 / 20MHz / QPSK / Mid CH



Band2 / 20MHz / 16QAM / Mid CH



Band2 / 20MHz / 64QAM / Mid CH



Band2 / 20MHz / QPSK / High CH



Band2 / 20MHz / 16QAM / High CH



Band2 / 20MHz / 64QAM / High CH



Band4 / 1.4MHz / QPSK/ Low CH



Band4 / 1.4MHz / 16QAM/ Low CH



Band4 / 1.4MHz / 64QAM/ Low CH



Band4 / 1.4MHz / QPSK/ Mid CH



Band4 / 1.4MHz / 16QAM/ Mid CH



Band4 / 1.4MHz / 64QAM/ Mid CH



Band4 / 1.4MHz / QPSK/ High CH



Band4 / 1.4MHz / 16QAM/ High CH



Band4 / 1.4MHz / 64QAM/ High CH



Band4 / 3MHz / QPSK/ Low CH



Band4 / 3MHz / 16QAM/ Low CH



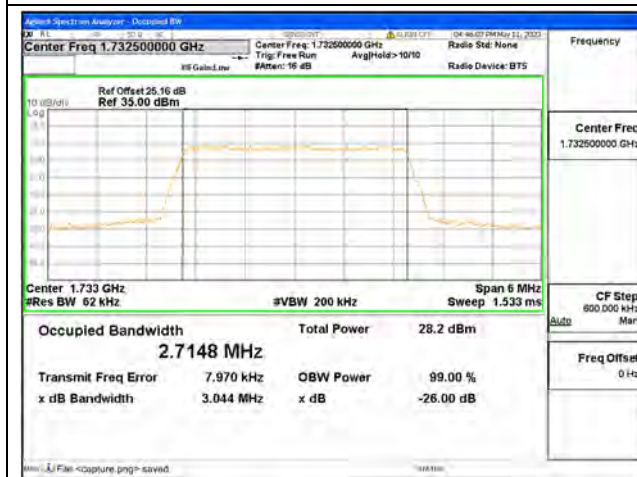
Band4 / 3MHz / 64QAM/ Low CH



Band4 / 3MHz / QPSK/ Mid CH



Band4 / 3MHz / 16QAM/ Mid CH



Band4 / 3MHz / 64QAM/ Mid CH



Band4 / 3MHz / QPSK/ High CH



Band4 / 3MHz / 16QAM/ High CH



Band4 / 3MHz / 64QAM/ High CH



Band4 / 5MHz / QPSK/ Low CH



Band4 / 5MHz / 16QAM/ Low CH



Band4 / 5MHz / 64QAM/ Low CH



Band4 / 5MHz / QPSK/ Mid CH



Band4 / 5MHz / 16QAM/ Mid CH



Band4 / 5MHz / 64QAM/ Mid CH



Band4 / 5MHz / QPSK/ High CH



Band4 / 5MHz / 16QAM/ High CH



Band4 / 5MHz / 64QAM/ High CH



Band4 / 10MHz / QPSK/ Low CH



Band4 / 10MHz / 16QAM/ Low CH



Band4 / 10MHz / 64QAM/ Low CH



Band4 / 10MHz / QPSK/ Mid CH



Band4 / 10MHz / 16QAM/ Mid CH



Band4 / 10MHz / 64QAM/ Mid CH



Band4 / 10MHz / QPSK/ High CH



Band4 / 10MHz / 16QAM/ High CH



Band4 / 10MHz / 64QAM/ High CH



Band4 / 15MHz / QPSK/ Low CH



Band4 / 15MHz / 16QAM/ Low CH



Band4 / 15MHz / 64QAM/ Low CH



Band4 / 15MHz / QPSK/ Mid CH



Band4 / 15MHz / 16QAM/ Mid CH



Band4 / 15MHz / 64QAM/ Mid CH



Band4 / 15MHz / QPSK/ High CH



Band4 / 15MHz / 16QAM/ High CH



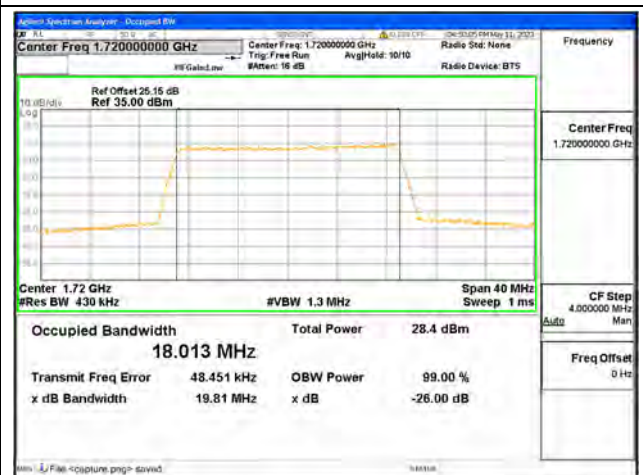
Band4 / 15MHz / 64QAM/ High CH



Band4 / 20MHz / QPSK/ Low CH



Band4 / 20MHz / 16QAM/ Low CH



Band4 / 20MHz / 64QAM/ Low CH



Band4 / 20MHz / QPSK/ Mid CH



Band4 / 20MHz / 16QAM/ Mid CH



Band4 / 20MHz / 64QAM/ Mid CH



Band4 / 20MHz / QPSK/ High CH



Band4 / 20MHz / 16QAM/ High CH



Band4 / 20MHz / 64QAM/ High CH



Band5 / 1.4MHz / QPSK/ Low CH



Band5 / 1.4MHz / 16QAM/ Low CH



Band5 / 1.4MHz / 64QAM/ Low CH



Band5 / 1.4MHz / QPSK/ Mid CH



Band5 / 1.4MHz / 16QAM/ Mid CH



Band5 / 1.4MHz / 64QAM/ Mid CH



Band5 / 1.4MHz / QPSK/ High CH



Band5 / 1.4MHz / 16QAM/ High CH



Band5 / 1.4MHz / 64QAM/ High CH



Band5 / 3MHz / QPSK/ Low CH



Band5 / 3MHz / 16QAM/ Low CH



Band5 / 3MHz / 64QAM/ Low CH



Band5 / 3MHz / QPSK/ Mid CH



Band5 / 3MHz / 16QAM/ Mid CH



Band5 / 3MHz / 64QAM/ Mid CH



Band5 / 3MHz / QPSK/ High CH



Band5 / 3MHz / 16QAM/ High CH



Band5 / 3MHz / 64QAM/ High CH



Band5 / 5MHz / QPSK/ Low CH



Band5 / 5MHz / 16QAM/ Low CH



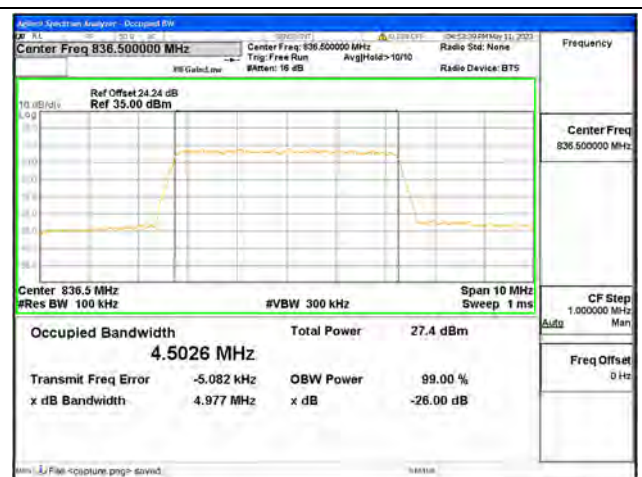
Band5 / 5MHz / 64QAM/ Low CH



Band5 / 5MHz / QPSK/ Mid CH



Band5 / 5MHz / 16QAM/ Mid CH



Band5 / 5MHz / 64QAM/ Mid CH



Band5 / 5MHz / QPSK/ High CH



Band5 / 5MHz / 16QAM/ High CH



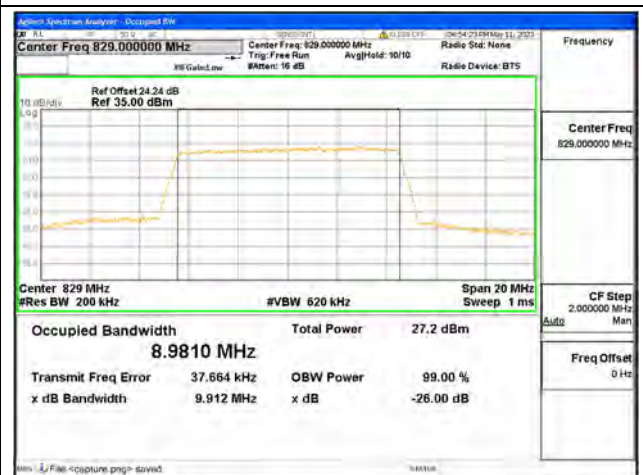
Band5 / 5MHz / 64QAM/ High CH



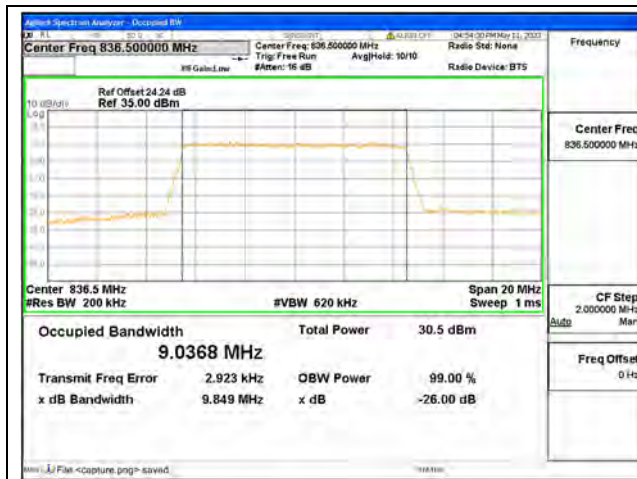
Band5 / 10MHz / QPSK/ Low CH



Band5 / 10MHz / 16QAM/ Low CH



Band5 / 10MHz / 64QAM/ Low CH



Band5 / 10MHz / QPSK/ Mid CH



Band5 / 10MHz / 16QAM/ Mid CH



Band5 / 10MHz / 64QAM/ Mid CH



Band5 / 10MHz / QPSK/ High CH



Band5 / 10MHz / 16QAM/ High CH



Band5 / 10MHz / 64QAM/ High CH



Band7 / 5MHz / QPSK/ Low CH



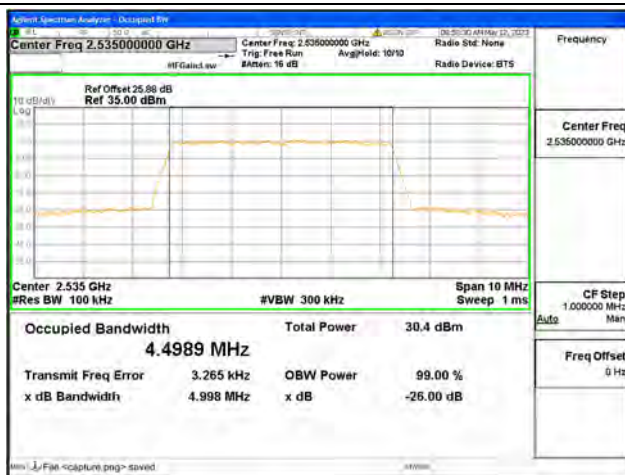
Band7 / 5MHz / 16QAM/ Low CH



Band7 / 5MHz / 64QAM/ Low CH



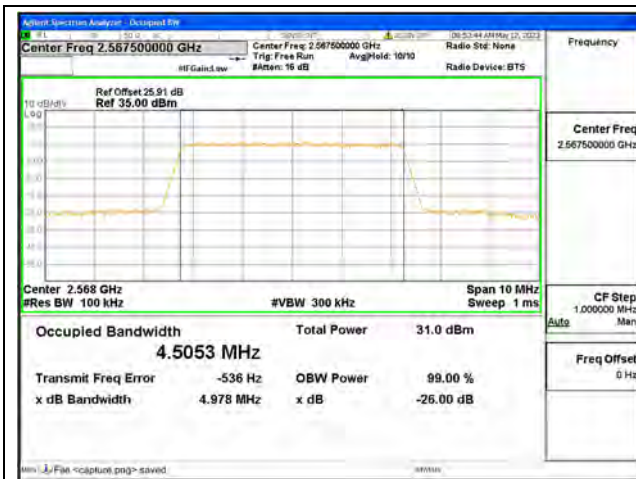
Band7 / 5MHz / QPSK/ Mid CH



Band7 / 5MHz / 16QAM/ Mid CH



Band7 / 5MHz / 64QAM/ Mid CH



Band7 / 5MHz / QPSK / High CH



Band7 / 5MHz / 16QAM / High CH



Band7 / 5MHz / 64QAM / High CH



Band7 / 10MHz / QPSK / Low CH



Band7 / 10MHz / 16QAM / Low CH



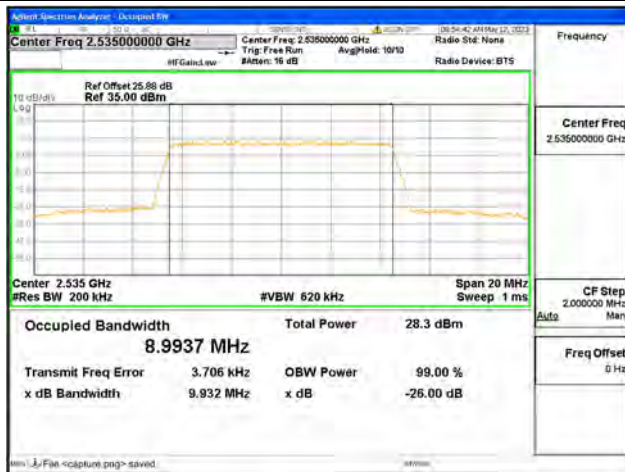
Band7 / 10MHz / 64QAM / Low CH



Band7 / 10MHz / QPSK/ Mid CH



Band7 / 10MHz / 16QAM/ Mid CH



Band7 / 10MHz / 64QAM/ Mid CH



Band7 / 10MHz / QPSK/ High CH



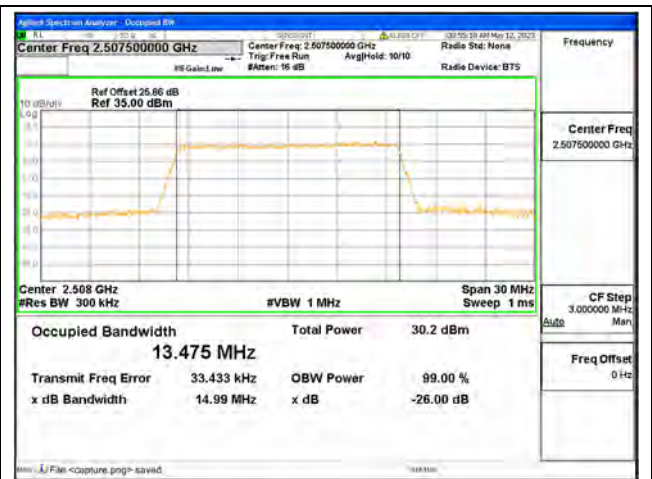
Band7 / 10MHz / 16QAM/ High CH



Band7 / 10MHz / 64QAM/ High CH



Band7 / 15MHz / QPSK/ Low CH



Band7 / 15MHz / 16QAM/ Low CH



Band7 / 15MHz / 64QAM/ Low CH



Band7 / 15MHz / QPSK/ Mid CH



Band7 / 15MHz / 16QAM/ Mid CH



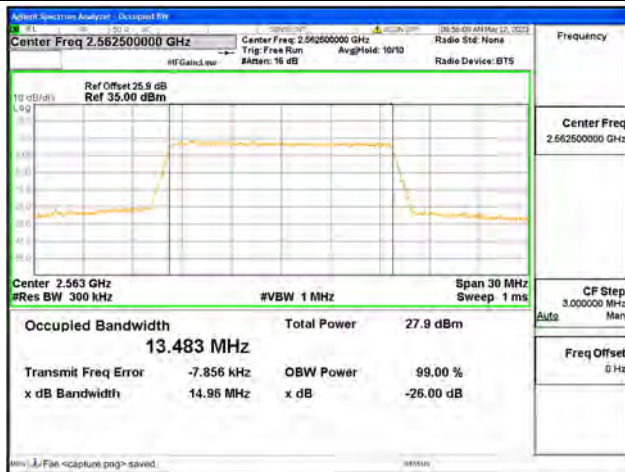
Band7 / 15MHz / 64QAM/ Mid CH



Band7 / 15MHz / QPSK/ High CH



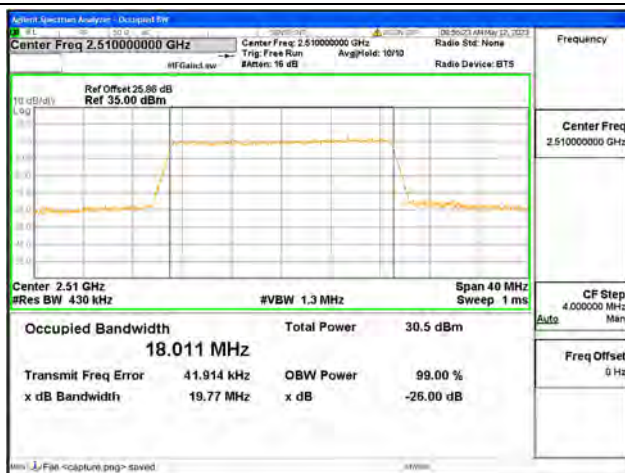
Band7 / 15MHz / 16QAM/ High CH



Band7 / 15MHz / 64QAM/ High CH



Band7 / 20MHz / QPSK/ Low CH



Band7 / 20MHz / 16QAM/ Low CH



Band7 / 20MHz / 64QAM/ Low CH



Band7 / 20MHz / QPSK/ Mid CH



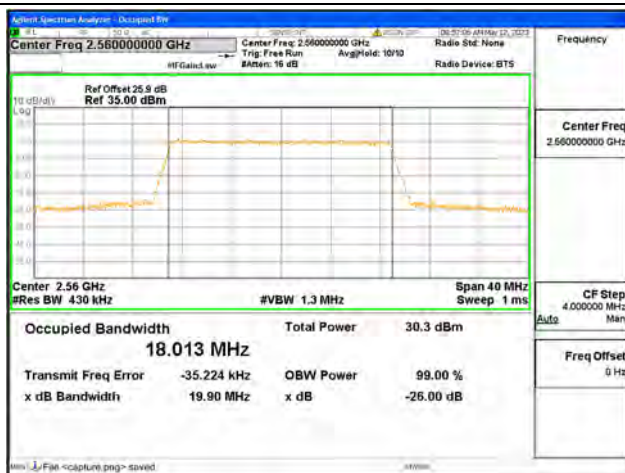
Band7 / 20MHz / 16QAM/ Mid CH



Band7 / 20MHz / 64QAM/ Mid CH



Band7 / 20MHz / QPSK/ High CH



Band7 / 20MHz / 16QAM/ High CH



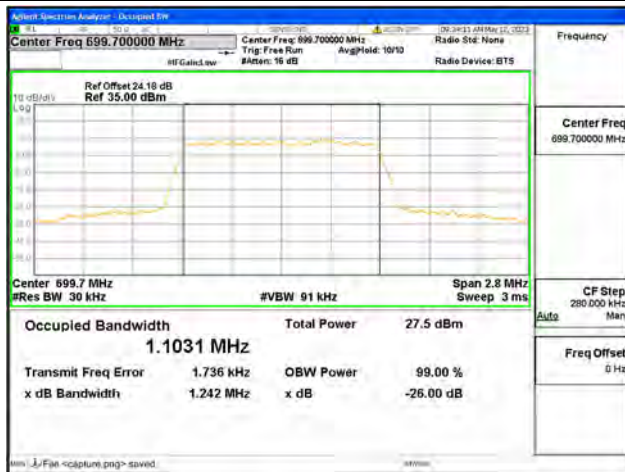
Band7 / 20MHz / 64QAM/ High CH



Band12 / 1.4MHz / QPSK/ Low CH



Band12 / 1.4MHz / 16QAM/ Low CH



Band12 / 1.4MHz / 64QAM/ Low CH



Band12 / 1.4MHz / QPSK/ Mid CH



Band12 / 1.4MHz / 16QAM/ Mid CH



Band12 / 1.4MHz / 64QAM/ Mid CH



Band12 / 1.4MHz / QPSK/ High CH



Band12 / 1.4MHz / 16QAM/ High CH



Band12 / 1.4MHz / 64QAM/ High CH



Band12 / 3MHz / QPSK/ Low CH



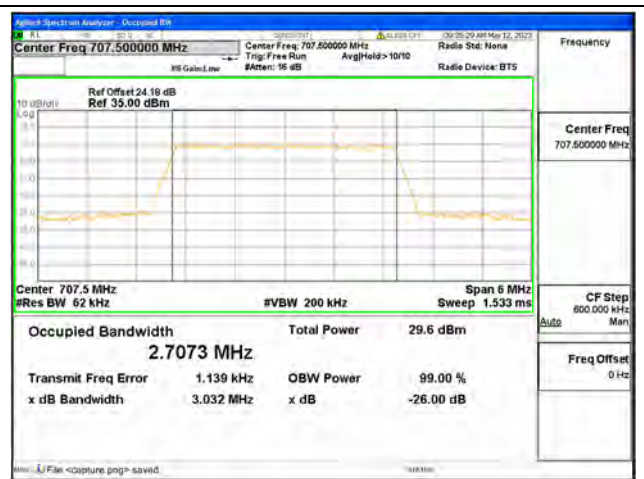
Band12 / 3MHz / 16QAM/ Low CH



Band12 / 3MHz / 64QAM/ Low CH



Band12 / 3MHz / QPSK/ Mid CH



Band12 / 3MHz / 16QAM/ Mid CH



Band12 / 3MHz / 64QAM/ Mid CH



Band12 / 3MHz / QPSK/ High CH



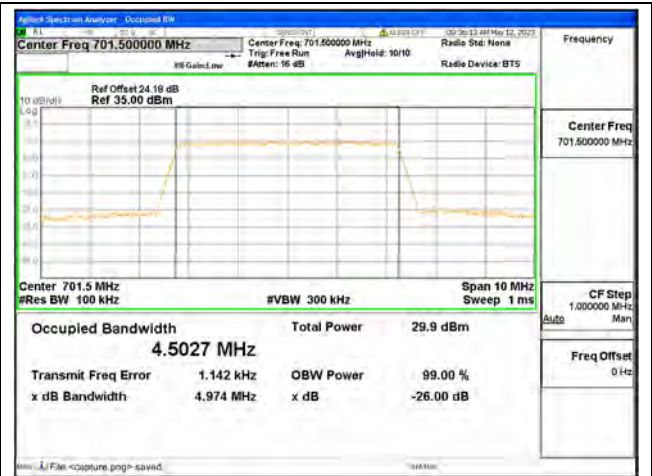
Band12 / 3MHz / 16QAM/ High CH



Band12 / 3MHz / 64QAM/ High CH



Band12 / 5MHz / QPSK/ Low CH



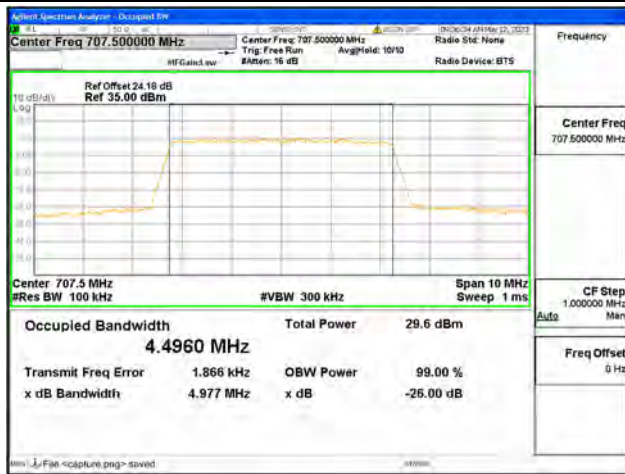
Band12 / 5MHz / 16QAM/ Low CH



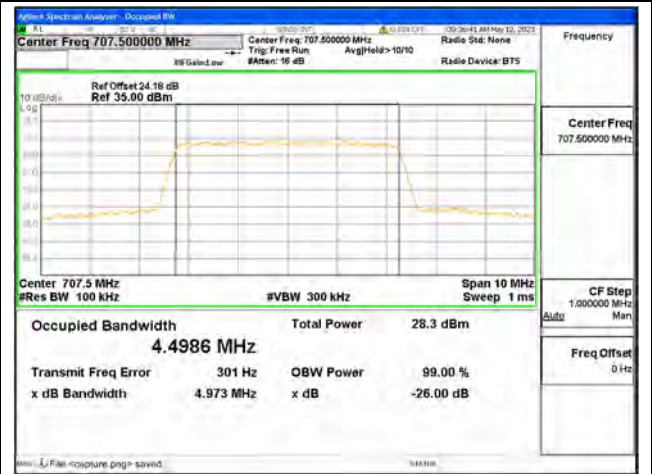
Band12 / 5MHz / 64QAM/ Low CH



Band12 / 5MHz / QPSK/ Mid CH



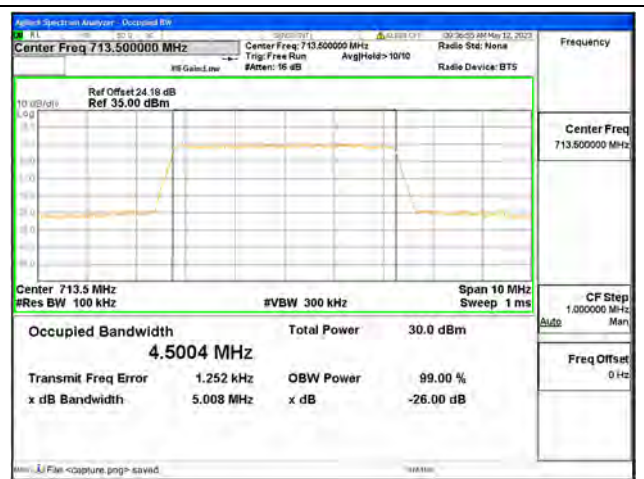
Band12 / 5MHz / 16QAM/ Mid CH



Band12 / 5MHz / 64QAM/ Mid CH



Band12 / 5MHz / QPSK/ High CH



Band12 / 5MHz / 16QAM/ High CH



Band12 / 5MHz / 64QAM/ High CH



Band12 / 10MHz / QPSK/ Low CH



Band12 / 10MHz / 16QAM/ Low CH



Band12 / 10MHz / 64QAM/ Low CH



Band12 / 10MHz / QPSK/ Mid CH



Band12 / 10MHz / 16QAM/ Mid CH



Band12 / 10MHz / 64QAM/ Mid CH



Band12 / 10MHz / QPSK/ High CH



Band12 / 10MHz / 16QAM/ High CH



Band12 / 10MHz / 64QAM/ High CH



Band17 / 5MHz / QPSK/ Low CH



Band17 / 5MHz / 16QAM/ Low CH



Band17 / 5MHz / 64QAM/ Low CH



Band17 / 5MHz / QPSK/ Mid CH



Band17 / 5MHz / 16QAM/ Mid CH



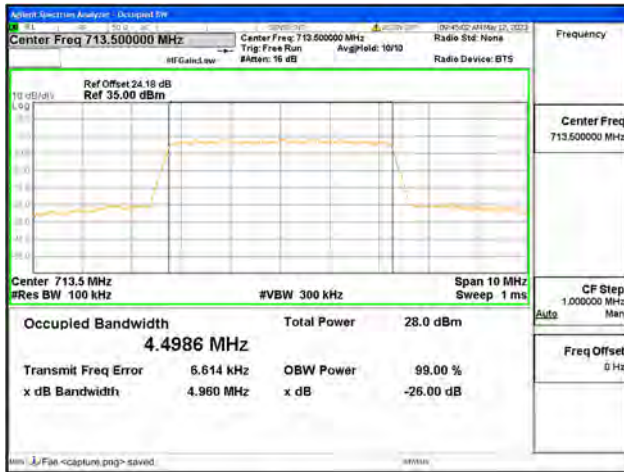
Band17 / 5MHz / 64QAM/ Mid CH



Band17 / 5MHz / QPSK/ High CH



Band17 / 5MHz / 16QAM/ High CH



Band17 / 5MHz / 64QAM/ High CH



Band17 / 10MHz / QPSK/ Low CH



Band17 / 10MHz / 16QAM/ Low CH



Band17 / 10MHz / 64QAM/ Low CH



Band17 / 10MHz / QPSK/ Mid CH



Band17 / 10MHz / 16QAM/ Mid CH



Band17 / 10MHz / 64QAM/ Mid CH



Band17 / 10MHz / QPSK/ High CH



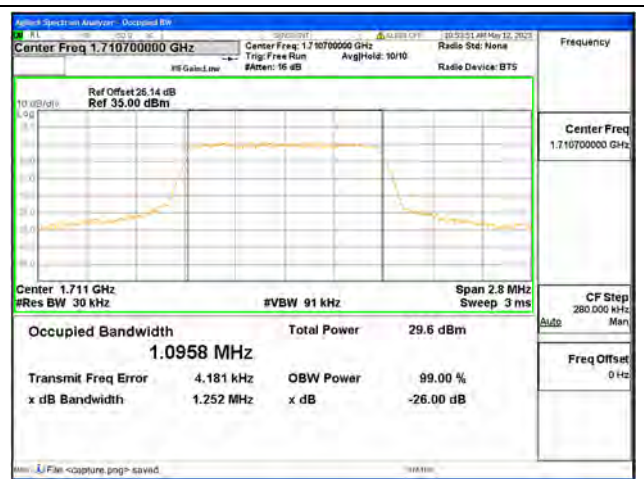
Band17 / 10MHz / 16QAM/ High CH



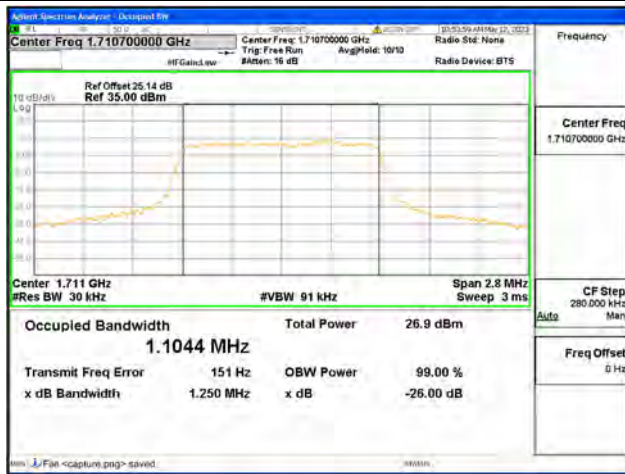
Band17 / 10MHz / 64QAM/ High CH



Band66 / 1.4MHz / QPSK/ Low CH



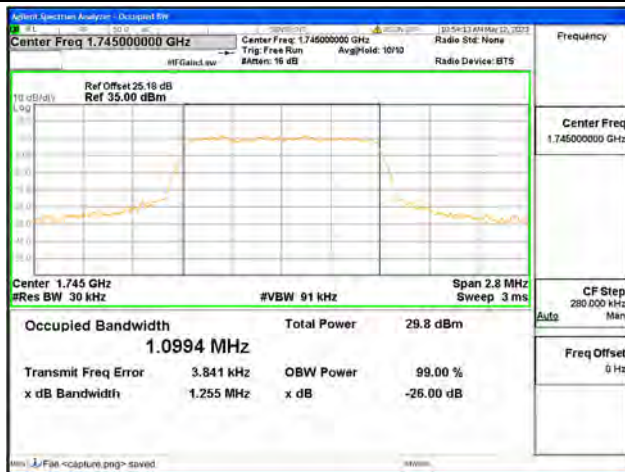
Band66 / 1.4MHz / 16QAM/ Low CH



Band66 / 1.4MHz / 64QAM/ Low CH



Band66 / 1.4MHz / QPSK/ Mid CH



Band66 / 1.4MHz / 16QAM/ Mid CH



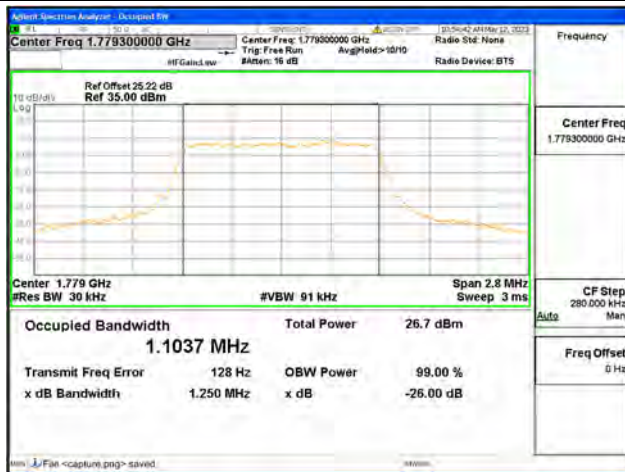
Band66 / 1.4MHz / 64QAM/ Mid CH



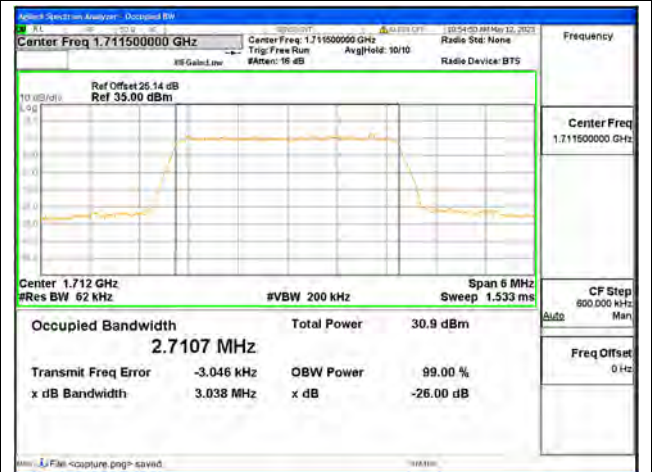
Band66 / 1.4MHz / QPSK/ High CH



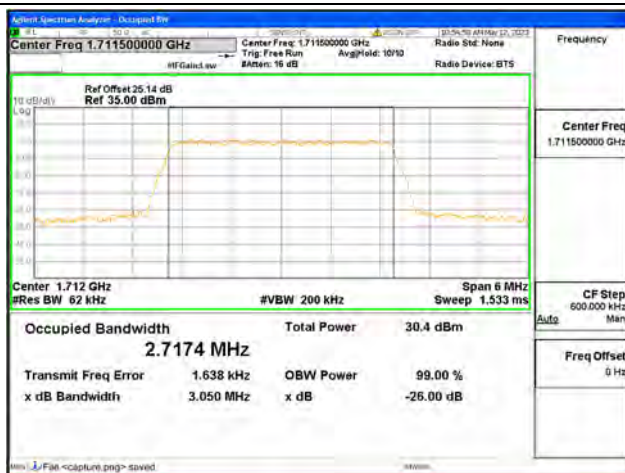
Band66 / 1.4MHz / 16QAM/ High CH



Band66 / 1.4MHz / 64QAM/ High CH



Band66 / 3MHz / QPSK/ Low CH



Band66 / 3MHz / 16QAM/ Low CH



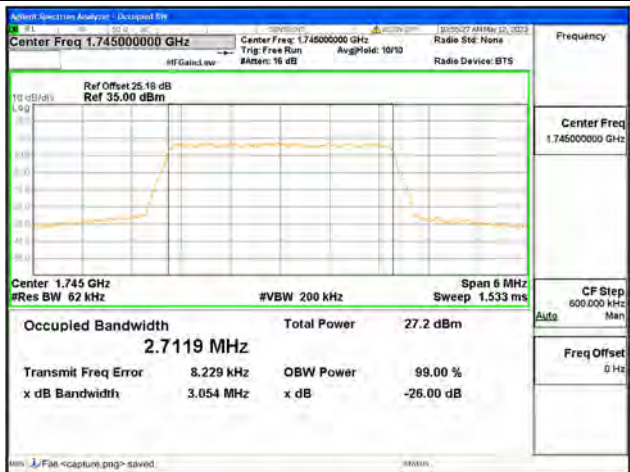
Band66 / 3MHz / 64QAM/ Low CH



Band66 / 3MHz / QPSK/ Mid CH



Band66 / 3MHz / 16QAM/ Mid CH



Band66 / 3MHz / 64QAM/ Mid CH



Band66 / 3MHz / QPSK/ High CH



Band66 / 3MHz / 16QAM/ High CH



Band66 / 3MHz / 64QAM/ High CH



Band66 / 5MHz / QPSK/ Low CH



Band66 / 5MHz / 16QAM/ Low CH



Band66 / 5MHz / 64QAM/ Low CH



Band66 / 5MHz / QPSK/ Mid CH



Band66 / 5MHz / 16QAM/ Mid CH



Band66 / 5MHz / 64QAM/ Mid CH



Band66 / 5MHz / QPSK/ High CH



Band66 / 5MHz / 16QAM/ High CH



Band66 / 5MHz / 64QAM/ High CH



Band66 / 10MHz / QPSK/ Low CH



Band66 / 10MHz / 16QAM/ Low CH



Band66 / 10MHz / 64QAM/ Low CH



Band66 / 10MHz / QPSK/ Mid CH



Band66 / 10MHz / 16QAM/ Mid CH



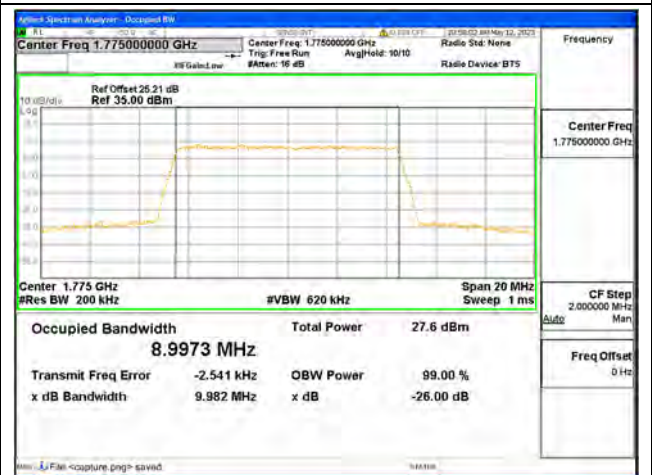
Band66 / 10MHz / 64QAM/ Mid CH



Band66 / 10MHz / QPSK/ High CH



Band66 / 10MHz / 16QAM/ High CH



Band66 / 10MHz / 64QAM/ High CH



Band66 / 15MHz / QPSK/ Low CH



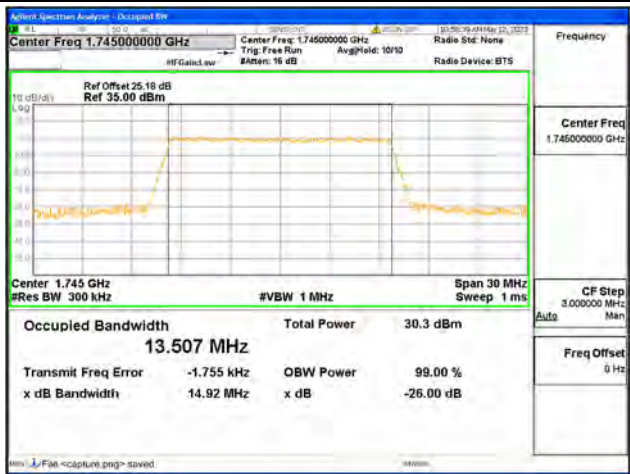
Band66 / 15MHz / 16QAM/ Low CH



Band66 / 15MHz / 64QAM/ Low CH



Band66 / 15MHz / QPSK/ Mid CH



Band66 / 15MHz / 16QAM/ Mid CH



Band66 / 15MHz / 64QAM/ Mid CH



Band66 / 15MHz / QPSK/ High CH



Band66 / 15MHz / 16QAM/ High CH



Band66 / 15MHz / 64QAM/ High CH



Band66 / 20MHz / QPSK/ Low CH



Band66 / 20MHz / 16QAM/ Low CH



Band66 / 20MHz / 64QAM/ Low CH



Band66 / 20MHz / QPSK/ Mid CH



Band66 / 20MHz / 16QAM/ Mid CH



Band66 / 20MHz / 64QAM/ Mid CH



Band66 / 20MHz / QPSK/ High CH



Band66 / 20MHz / 16QAM/ High CH



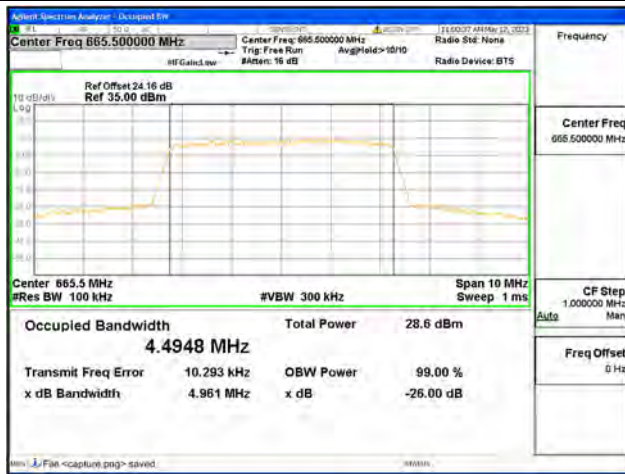
Band66 / 20MHz / 64QAM/ High CH



Band71 / 5MHz / QPSK/ Low CH



Band71 / 5MHz / 16QAM/ Low CH



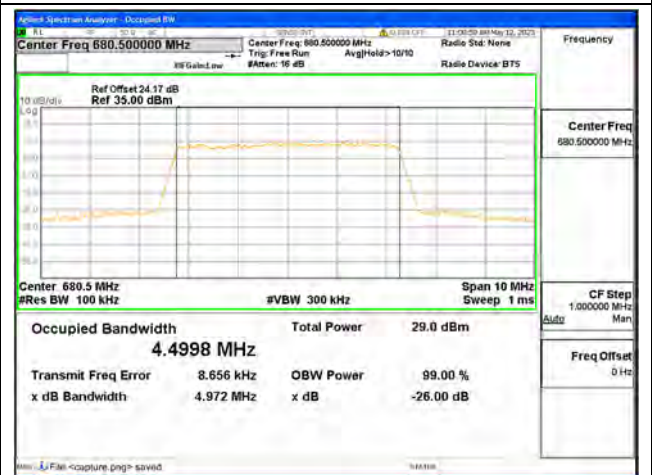
Band71 / 5MHz / 64QAM/ Low CH



Band71 / 5MHz / QPSK/ Mid CH



Band71 / 5MHz / 16QAM/ Mid CH



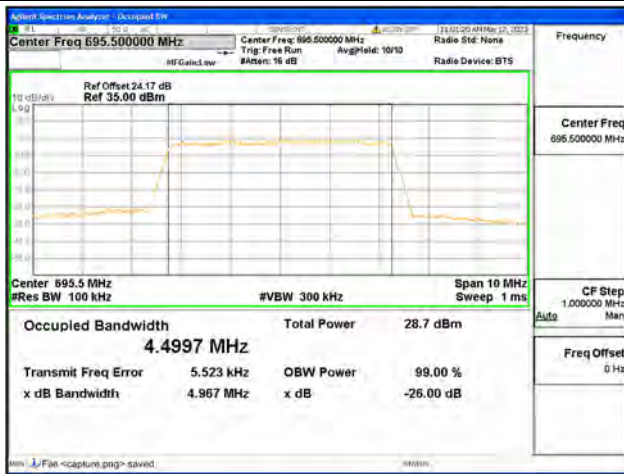
Band71 / 5MHz / 64QAM/ Mid CH



Band71 / 5MHz / QPSK/ High CH



Band71 / 5MHz / 16QAM/ High CH



Band71 / 5MHz / 64QAM/ High CH



Band71 / 10MHz / QPSK/ Low CH



Band71 / 10MHz / 16QAM/ Low CH



Band71 / 10MHz / 64QAM/ Low CH



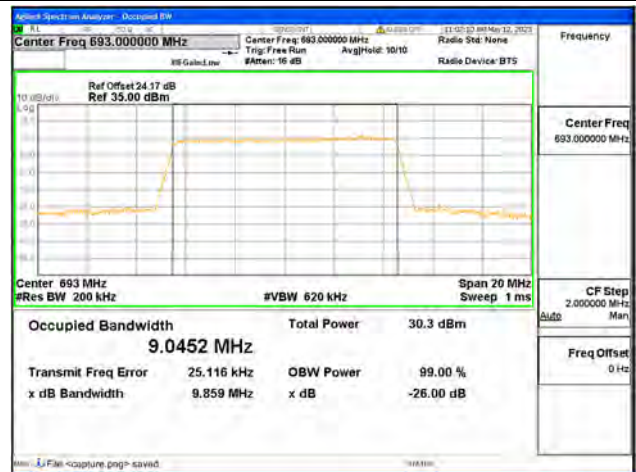
Band71 / 10MHz / QPSK/ Mid CH



Band71 / 10MHz / 16QAM/ Mid CH



Band71 / 10MHz / 64QAM/ Mid CH



Band71 / 10MHz / QPSK/ High CH



Band71 / 10MHz / 16QAM/ High CH



Band71 / 10MHz / 64QAM/ High CH