



TEST REPORT

APPLICANT : Realme Chongqing Mobile
Telecommunications Corp., Ltd.

PRODUCT NAME : Mobile Phone

MODEL NAME : RMX3363

BRAND NAME : realme

FCC ID : 2AUYFRMX3363

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

RECEIPT DATE : 2021-05-19

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Change History		
Version	Date	Reason for change
1.0	2021-07-23	First edition



1. Technical Information

Note: Provide by applicant.

1.1. Applicant and Manufacturer Information

Applicant:	Realme Chongqing Mobile Telecommunications Corp., Ltd.
Applicant Address:	No.178 Yulong Avenue, Yufengshan, Yubei District, Chongqing, China
Manufacturer:	Realme Chongqing Mobile Telecommunications Corp., Ltd.
Manufacturer Address:	No.178 Yulong Avenue, Yufengshan, Yubei District, Chongqing, China

1.2. Equipment Under Test (EUT) Description

Product Name:	Mobile Phone	
Sample No.:	51#	
Hardware Version:	11	
Software Version:	realme UI V2.0	
Modulation Type:	QPSK, 16QAM, 64QAM	
Carrier Aggregation:	7C, 38C, 41C	
Operation Band:	Band 2 / 4 / 5 / 7 / 12 / 17 / 26 / 38 / 41 / 66	
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 26	Tx: 824MHz–849MHz
		Rx: 869MHz–894MHz



Frequency Range:	LTE Band 38	Tx: 2570MHz–2620MHz
		Rx: 2570MHz–2620MHz
	LTE Band 41	Tx: 2496MHz–2690MHz
		Rx: 2496MHz–2690MHz
	LTE Band 66	Tx: 1710MHz –1780MHz
		Rx: 2110MHz –2180MHz
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 26	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz
	LTE Band 38	5 MHz, 10MHz, 15MHz, 20MHz
	LTE Band 41	5 MHz, 10MHz, 15MHz, 20MHz
	LTE Band 66	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
Antenna Type:	Fixed Internal Antenna	
Antenna Gain:	Top Antenna	
	LTE Band 2	-1.42dBi
	LTE Band 4	-5.08dBi
	LTE Band 5	-5.30dBi
	LTE Band 7	-2.21dBi
	LTE Band 12	-7.01dBi
	LTE Band 17	-7.01dBi
	LTE Band 26	-5.30dBi
	LTE Band 38	-1.95dBi
	LTE Band 41	-2.16dBi
	LTE Band 66	-5.08dBi



Antenna Gain:	Bottom Antenna	
	LTE Band 2	-2.49dBi
	LTE Band 4	-1.86dBi
	LTE Band 5	-6.98dBi
	LTE Band 7	0.95dBi
	LTE Band 12	-7.21dBi
	LTE Band 17	-7.21dBi
	LTE Band 26	-6.98dBi
	LTE Band 38	1.21dBi
	LTE Band 41	0.89dBi
	LTE Band 66	-1.86dBi
Accessory Information:	Battery	
	Brand Name:	realme
	Model No.:	BLP809
	Serial No.:	(N/A, marked #1 by test site)
	Capacity:	Typical: 2150mAh, Rated: 2100mAh
	Rated Voltage:	7.74V
	Charge Limit:	8.90V
	Manufacturer:	SUNWODA Electronic Co., Ltd.
	AC Adapter 1	
	Brand Name:	realme
	Model No.:	VCA7JAUH
	Serial No.:	(N/A, marked #1 by test site)
	Rated Output:	5V=2A; 10V=5A
	Rated Input:	100-130V~50/60Hz, 1.8A
	Rated Output:	5V=2A; 10V=6.5A
	Rated Input:	200-240V~50/60Hz, 1.8A
	Manufacturer:	HUIZHOU GOLDEN LAKE INDUSTRIAL CO., LTD



Accessory Information:	AC Adapter 2	
	Brand Name:	realme
	Model No.:	VCA7JDUH
	Serial No.:	(N/A, marked #1 by test site)
	Rated Output:	5V=2A; 10V=5A
	Rated Input:	100-130V~50/60Hz, 1.8A
	Rated Output:	5V=2A; 10V=6.5A
	Rated Input:	200-240V~50/60Hz, 1.8A
	Manufacturer:	HUIZHOU GOLDEN LAKE INDUSTRIAL CO., LTD
	AC Adapter 3	
	Brand Name:	realme
	Model No.:	VCA7HAUH
	Serial No.:	(N/A, marked #1 by test site)
	Rated Output:	5V=2A; 10V=5A
	Rated Input:	100-130V~50/60Hz, 1.8A
	Rated Output:	5V=2A; 10V=6.5A
	Rated Input:	200-240V~50/60Hz, 1.8A
	Manufacturer:	SHENZHEN HUNTKEY ELECTRIC CO., LTD.
	USB Cable	
	Model No.:	DL129
Earphone		
Model No.:	MH156	
Length:	1.2m	

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

Note 2: 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)					
	Top Antenna			Bottom Antenna		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20	0.135	0.104	0.083	0.106	0.082	0.065
15	0.126	0.102	0.081	0.098	0.079	0.063
10	0.122	0.099	0.079	0.096	0.077	0.062
5	0.119	0.095	0.075	0.093	0.074	0.059
3	0.113	0.090	0.071	0.089	0.070	0.056
1.4	0.105	0.087	0.069	0.082	0.068	0.054
LTE Band 4	Maximum E.R.P./E.I.R.P. (W)					
	Top Antenna			Bottom Antenna		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20	0.055	0.044	0.035	0.115	0.093	0.074
15	0.053	0.043	0.034	0.112	0.091	0.072
10	0.052	0.042	0.033	0.109	0.088	0.070
5	0.050	0.041	0.032	0.106	0.086	0.068
3	0.049	0.040	0.032	0.103	0.084	0.066
1.4	0.048	0.039	0.031	0.100	0.081	0.064
LTE Band 5	Maximum E.R.P./E.I.R.P. (W)					
	Top Antenna			Bottom Antenna		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10	0.039	0.032	0.026	0.027	0.021	0.018
5	0.038	0.031	0.026	0.026	0.021	0.017
3	0.037	0.030	0.025	0.025	0.020	0.017
1.4	0.036	0.029	0.024	0.024	0.020	0.017
LTE Band 7	Maximum E.R.P./E.I.R.P. (W)					
	Top Antenna			Bottom Antenna		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20	0.112	0.092	0.079	0.232	0.190	0.164
15	0.110	0.090	0.076	0.227	0.185	0.160
10	0.107	0.087	0.075	0.221	0.180	0.156
5	0.104	0.085	0.073	0.215	0.176	0.152



LTE Band 12	Maximum E.R.P./E.I.R.P. (W)					
	Top Antenna			Bottom Antenna		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10	0.027	0.023	0.017	0.025	0.022	0.017
5	0.026	0.023	0.017	0.025	0.022	0.016
3	0.026	0.022	0.017	0.025	0.021	0.016
1.4	0.025	0.022	0.017	0.024	0.021	0.016
LTE Band 17	Maximum E.R.P./E.I.R.P. (W)					
	Top Antenna			Bottom Antenna		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10	0.026	0.023	0.023	0.025	0.022	0.022
5	0.026	0.023	0.023	0.024	0.022	0.022
LTE Band 26	Maximum E.R.P./E.I.R.P. (W)					
	Top Antenna			Bottom Antenna		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
15	0.037	0.032	0.025	0.025	0.022	0.017
10	0.036	0.030	0.024	0.024	0.020	0.016
5	0.035	0.029	0.024	0.023	0.020	0.016
3	0.034	0.028	0.023	0.023	0.019	0.016
1.4	0.033	0.028	0.022	0.022	0.019	0.015
LTE Band 38	Maximum E.R.P./E.I.R.P. (W)					
	Top Antenna			Bottom Antenna		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20	0.126	0.102	0.082	0.260	0.210	0.171
15	0.122	0.099	0.080	0.254	0.205	0.166
10	0.119	0.096	0.078	0.246	0.199	0.161
5	0.116	0.094	0.076	0.239	0.194	0.157
LTE Band 41	Maximum E.R.P./E.I.R.P. (W)					
	Top Antenna			Bottom Antenna		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20	0.119	0.100	0.089	0.240	0.201	0.179
15	0.116	0.097	0.086	0.234	0.195	0.175
10	0.112	0.094	0.084	0.227	0.190	0.169
5	0.109	0.091	0.082	0.221	0.185	0.165



LTE Band 66	Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
	BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM
20	0.069	0.054	0.045	0.145	0.113	0.094
15	0.067	0.052	0.044	0.141	0.110	0.091
10	0.065	0.051	0.043	0.137	0.107	0.089
5	0.064	0.050	0.042	0.133	0.104	0.087
3	0.065	0.060	0.059	0.137	0.126	0.123
1.4	0.062	0.048	0.041	0.130	0.102	0.084

LTE Band 2	Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM
1.4	1M10G7D	1M10W7D	1M09W7D
3	2M70G7D	2M70W7D	2M71W7D
5	4M50G7D	4M51W7D	4M51W7D
10	9M00G7D	8M98W7D	9M00W7D
15	13M5G7D	13M5W7D	13M5W7D
20	18M0G7D	18M0W7D	18M0W7D
LTE Band 4	Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM
1.4	1M10G7D	1M10W7D	1M09W7D
3	2M70G7D	2M70W7D	2M71W7D
5	4M51G7D	4M51W7D	4M51W7D
10	9M00G7D	8M98W7D	9M00W7D
15	13M5G7D	13M5W7D	13M5W7D
20	18M0G7D	18M0W7D	18M0W7D
LTE Band 5	Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM
1.4	1M09G7D	1M10W7D	1M10W7D
3	2M70G7D	2M70W7D	2M75W7D
5	4M51G7D	4M51W7D	4M51W7D
10	9M01G7D	9M25W7D	9M14W7D
LTE Band 7	Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM
5	4M50G7D	4M51W7D	4M50W7D
10	9M03G7D	8M98W7D	8M99W7D
15	13M5G7D	13M5W7D	13M5W7D
20	18M0G7D	18M0W7D	18M0W7D



LTE Band 12		Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	
1.4	1M10G7D	1M10W7D	1M09W7D	
3	2M70G7D	2M70W7D	2M71W7D	
5	4M51G7D	4M51W7D	4M50W7D	
10	8M98G7D	8M95W7D	8M98W7D	
LTE Band 17		Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	
5	4M50G7D	4M50W7D	4M50W7D	
10	9M00G7D	8M96W7D	8M98W7D	
LTE Band 26		Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	
1.4	1M09G7D	1M09W7D	1M09W7D	
3	2M71G7D	2M71W7D	2M71W7D	
5	4M51G7D	4M51W7D	4M51W7D	
10	9M00G7D	8M99W7D	8M99W7D	
15	13M5G7D	13M5W7D	13M5W7D	
LTE Band 38		Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	
5	4M51G7D	4M52W7D	4M51W7D	
10	9M00G7D	8M99W7D	9M00W7D	
15	13M5G7D	13M5W7D	13M5W7D	
20	18M0G7D	18M0W7D	18M0W7D	
LTE Band 41		Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	
5	4M52G7D	4M52W7D	4M50W7D	
10	9M00G7D	8M98W7D	8M99W7D	
15	13M5G7D	13M5W7D	13M5W7D	
20	18M0G7D	18M0W7D	18M0W7D	
LTE Band 66		Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	
1.4	1M10G7D	1M10W7D	1M10W7D	
3	2M71G7D	2M71W7D	2M71W7D	
5	4M50G7D	4M50W7D	4M50W7D	
10	9M03G7D	9M02W7D	8M99W7D	
15	13M5G7D	13M5W7D	13M5W7D	
20	18M0G7D	18M0W7D	18M0W7D	



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.	Jul 07, 2021	Liang Yumei Huang Zhiye	PASS	No deviation
2.1049	Occupied Bandwidth	Jun 03&07&16, 2021	Ling Keye	PASS	No deviation
2.1055 22.355 24.235 27.54	Frequency Stability	Jun 29, 2021	Ling Keye	PASS	No deviation
24.232(d), 27.50(d)(5)	Peak to Average Radio	Jun 03&18, 2021	Ling Keye	PASS	No deviation
2.1051 22.917(a) 24.238(a) 27.53(g) 27.53(h) 27.53(m)(4)	Conducted Spurious Emissions	Jun 04&07&16, 2021	Ling Keye	PASS	No deviation
2.1051 22.917(a) 24.238(a) 27.53(g)	Band Edge	Jun 03&07&16, 2021	Ling Keye	PASS	No deviation



27.53(h) 27.53(m)(4)					
2.1051 22.917(a) 24.238(a) 27.53(g) 27.53(h) 27.53(m)(4)	Radiated Spurious Emissions	Jun 10&13&21, 2021	Huang Zhiye	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 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.

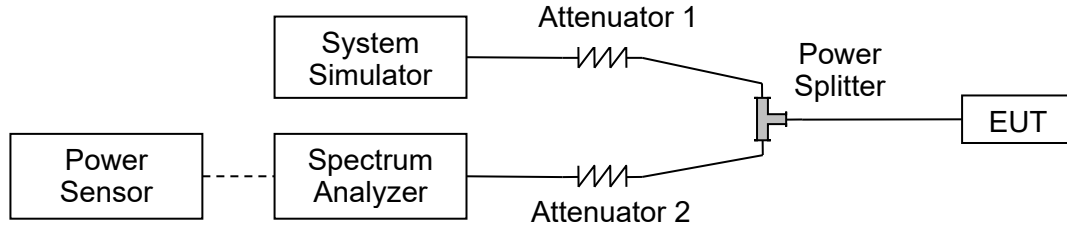
According to FCC section 22.913 (a)(2) for LTE Band 5/18/19/26, the E.R.P. of mobile transmitters and auxiliary test transmitters must not exceed 7 watts.

According to FCC section 27.50 (h)(2) for LTE Band 7/38, 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, Portable stations (hand-held devices) operating in the 704-716MHz band are limited to 3watts E.R.P.

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

2.1.2. Test Description



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

2.1.3. Test Procedure

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

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

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



2.1.4. Result

Conducted Output Power:

LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18700	18900	19100
Frequency (MHz)				1860	1880	1900
20	QPSK	1	0	22.72	22.73	22.68
20	QPSK	1	49	22.31	22.28	22.33
20	QPSK	1	99	22.23	22.19	22.16
20	QPSK	50	0	21.70	21.76	21.74
20	QPSK	50	24	21.38	21.39	21.42
20	QPSK	50	50	21.27	21.33	21.36
20	QPSK	100	0	21.16	21.15	21.14
20	16QAM	1	0	21.54	21.53	21.61
20	16QAM	1	49	21.26	21.25	21.41
20	16QAM	1	99	21.20	21.17	21.15
20	16QAM	50	0	20.09	20.06	20.06
20	16QAM	50	24	20.05	20.07	20.03
20	16QAM	50	50	20.03	19.98	19.97
20	16QAM	100	0	20.04	19.96	19.95
20	64QAM	1	0	20.56	20.63	20.54
20	64QAM	1	49	20.49	20.60	20.48
20	64QAM	1	99	20.40	20.54	20.49
20	64QAM	50	0	19.54	19.64	19.54
20	64QAM	50	24	19.69	19.43	19.41
20	64QAM	50	50	19.61	19.55	19.48
20	64QAM	100	0	19.58	19.57	19.51



LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18675	18900	19125
Frequency (MHz)				1857.5	1880	1902.5
15	QPSK	1	0	22.31	22.42	22.35
15	QPSK	1	37	22.19	22.16	22.21
15	QPSK	1	74	22.11	22.07	22.04
15	QPSK	36	0	21.35	21.43	21.36
15	QPSK	36	20	21.26	21.27	21.30
15	QPSK	36	39	21.15	21.21	21.24
15	QPSK	75	0	21.04	21.03	21.02
15	16QAM	1	0	21.42	21.41	21.49
15	16QAM	1	37	21.14	21.13	21.29
15	16QAM	1	74	21.08	21.05	21.03
15	16QAM	36	0	19.97	19.94	19.94
15	16QAM	36	20	19.93	19.95	19.91
15	16QAM	36	39	19.91	19.86	19.85
15	16QAM	75	0	19.92	19.84	19.83
15	64QAM	1	0	20.44	20.51	20.42
15	64QAM	1	37	20.37	20.48	20.36
15	64QAM	1	74	20.28	20.42	20.37
15	64QAM	36	0	19.42	19.52	19.42
15	64QAM	36	20	19.57	19.31	19.29
15	64QAM	36	39	19.49	19.43	19.36
15	64QAM	75	0	19.46	19.45	19.39



LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18650	18900	19150
Frequency (MHz)				1855	1880	1905
10	QPSK	1	0	22.19	22.30	22.23
10	QPSK	1	25	22.07	22.04	22.09
10	QPSK	1	49	21.99	21.95	21.92
10	QPSK	25	0	21.23	21.31	21.24
10	QPSK	25	12	21.14	21.15	21.18
10	QPSK	25	25	21.03	21.09	21.12
10	QPSK	50	0	20.92	20.91	20.90
10	16QAM	1	0	21.30	21.29	21.37
10	16QAM	1	25	21.02	21.01	21.17
10	16QAM	1	49	20.96	20.93	20.91
10	16QAM	25	0	19.85	19.82	19.82
10	16QAM	25	12	19.81	19.83	19.79
10	16QAM	25	25	19.79	19.74	19.73
10	16QAM	50	0	19.80	19.72	19.71
10	64QAM	1	0	20.32	20.39	20.30
10	64QAM	1	25	20.25	20.36	20.24
10	64QAM	1	49	20.16	20.30	20.25
10	64QAM	25	0	19.30	19.40	19.30
10	64QAM	25	12	19.45	19.19	19.17
10	64QAM	25	25	19.37	19.31	19.24
10	64QAM	50	0	19.34	19.33	19.27



LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18625	18900	19175
Frequency (MHz)				1852.5	1880	1907.5
5	QPSK	1	0	22.08	22.19	22.12
5	QPSK	1	12	21.96	21.93	21.98
5	QPSK	1	24	21.88	21.84	21.81
5	QPSK	12	0	21.12	21.20	21.13
5	QPSK	12	7	21.03	21.04	21.07
5	QPSK	12	13	20.92	20.98	21.01
5	QPSK	25	0	20.81	20.80	20.79
5	16QAM	1	0	21.19	21.18	21.16
5	16QAM	1	12	20.91	20.90	21.06
5	16QAM	1	24	20.85	20.82	20.80
5	16QAM	12	0	19.74	19.71	19.71
5	16QAM	12	7	19.70	19.72	19.68
5	16QAM	12	13	19.68	19.63	19.62
5	16QAM	25	0	19.69	19.61	19.60
5	64QAM	1	0	20.11	20.18	20.19
5	64QAM	1	12	20.14	20.15	20.13
5	64QAM	1	24	20.05	20.19	20.14
5	64QAM	12	0	19.19	19.29	19.19
5	64QAM	12	7	19.34	19.08	19.06
5	64QAM	12	13	19.26	19.20	19.13
5	64QAM	25	0	19.23	19.22	19.16



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	21.85	21.96	21.89
3	QPSK	1	8	21.73	21.70	21.75
3	QPSK	1	14	21.65	21.61	21.58
3	QPSK	8	0	20.89	20.97	20.90
3	QPSK	8	4	20.80	20.81	20.84
3	QPSK	8	7	20.69	20.75	20.78
3	QPSK	15	0	20.58	20.57	20.56
3	16QAM	1	0	20.96	20.95	20.93
3	16QAM	1	8	20.68	20.67	20.83
3	16QAM	1	14	20.62	20.59	20.57
3	16QAM	8	0	19.51	19.48	19.48
3	16QAM	8	4	19.47	19.49	19.45
3	16QAM	8	7	19.45	19.40	19.39
3	16QAM	15	0	19.46	19.38	19.37
3	64QAM	1	0	19.88	19.95	19.96
3	64QAM	1	8	19.91	19.92	19.90
3	64QAM	1	14	19.82	19.96	19.91
3	64QAM	8	0	18.96	19.06	18.96
3	64QAM	8	4	19.11	18.85	18.83
3	64QAM	8	7	19.03	18.97	18.90
3	64QAM	15	0	19.00	18.99	18.93



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	21.62	21.63	21.56
1.4	QPSK	1	3	21.60	21.57	21.62
1.4	QPSK	1	5	21.52	21.48	21.45
1.4	QPSK	3	0	20.76	20.84	20.77
1.4	QPSK	3	1	20.67	20.68	20.71
1.4	QPSK	3	3	20.56	20.62	20.65
1.4	QPSK	6	0	20.45	20.44	20.43
1.4	16QAM	1	0	20.83	20.82	20.80
1.4	16QAM	1	3	20.55	20.54	20.70
1.4	16QAM	1	5	20.49	20.46	20.44
1.4	16QAM	3	0	19.38	19.35	19.35
1.4	16QAM	3	1	19.34	19.36	19.32
1.4	16QAM	3	3	19.32	19.27	19.26
1.4	16QAM	6	0	19.33	19.25	19.24
1.4	64QAM	1	0	19.75	19.82	19.83
1.4	64QAM	1	3	19.78	19.79	19.77
1.4	64QAM	1	5	19.69	19.83	19.78
1.4	64QAM	3	0	18.83	18.93	18.83
1.4	64QAM	3	1	18.98	18.72	18.70
1.4	64QAM	3	3	18.90	18.84	18.77
1.4	64QAM	6	0	18.87	18.86	18.80



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20050	20175	20300
Frequency (MHz)				1720	1732.5	1745
20	QPSK	1	0	22.40	22.46	22.43
20	QPSK	1	49	22.23	22.27	22.23
20	QPSK	1	99	22.11	22.08	22.15
20	QPSK	50	0	21.33	21.42	21.36
20	QPSK	50	24	21.26	21.31	21.13
20	QPSK	50	50	21.21	21.17	21.09
20	QPSK	100	0	21.16	21.12	21.14
20	16QAM	1	0	21.43	21.55	21.43
20	16QAM	1	49	21.36	21.43	21.33
20	16QAM	1	99	21.26	21.30	21.27
20	16QAM	50	0	20.60	20.59	20.52
20	16QAM	50	24	20.43	20.40	20.50
20	16QAM	50	50	20.30	20.47	20.33
20	16QAM	100	0	20.33	20.39	20.30
20	64QAM	1	0	20.51	20.48	20.53
20	64QAM	1	49	20.38	20.41	20.40
20	64QAM	1	99	20.30	20.33	20.35
20	64QAM	50	0	19.52	19.53	19.42
20	64QAM	50	24	19.40	19.41	19.33
20	64QAM	50	50	19.20	19.25	19.23
20	64QAM	100	0	19.32	19.33	19.30



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	22.33	22.36	22.31
15	QPSK	1	37	22.15	22.19	22.13
15	QPSK	1	74	22.01	21.98	22.05
15	QPSK	36	0	21.23	21.32	21.26
15	QPSK	36	20	21.16	21.21	21.03
15	QPSK	36	39	21.11	21.07	20.99
15	QPSK	75	0	21.06	21.02	21.04
15	16QAM	1	0	21.33	21.45	21.33
15	16QAM	1	37	21.26	21.33	21.23
15	16QAM	1	74	21.16	21.20	21.17
15	16QAM	36	0	20.50	20.49	20.42
15	16QAM	36	20	20.33	20.30	20.40
15	16QAM	36	39	20.20	20.37	20.23
15	16QAM	75	0	20.23	20.29	20.20
15	64QAM	1	0	20.41	20.38	20.43
15	64QAM	1	37	20.28	20.31	20.30
15	64QAM	1	74	20.20	20.23	20.25
15	64QAM	36	0	19.42	19.43	19.32
15	64QAM	36	20	19.30	19.31	19.23
15	64QAM	36	39	19.10	19.15	19.13
15	64QAM	75	0	19.22	19.23	19.20



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20000	20175	20350
Frequency (MHz)				1715	1732.5	1750
10	QPSK	1	0	22.21	22.24	22.19
10	QPSK	1	25	22.03	22.07	22.01
10	QPSK	1	49	21.89	21.86	21.93
10	QPSK	25	0	21.11	21.20	21.14
10	QPSK	25	12	21.04	21.09	20.91
10	QPSK	25	25	20.99	20.95	20.87
10	QPSK	50	0	20.94	20.90	20.92
10	16QAM	1	0	21.21	21.33	21.21
10	16QAM	1	25	21.14	21.21	21.11
10	16QAM	1	49	21.04	21.08	21.05
10	16QAM	25	0	20.38	20.37	20.30
10	16QAM	25	12	20.21	20.18	20.28
10	16QAM	25	25	20.08	20.25	20.11
10	16QAM	50	0	20.11	20.17	20.08
10	64QAM	1	0	20.29	20.26	20.31
10	64QAM	1	25	20.16	20.19	20.18
10	64QAM	1	49	20.08	20.11	20.13
10	64QAM	25	0	19.30	19.31	19.20
10	64QAM	25	12	19.18	19.19	19.11
10	64QAM	25	25	18.98	19.03	19.01
10	64QAM	50	0	19.10	19.11	19.02



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				19975	20175	20375
Frequency (MHz)				1712.5	1732.5	1752.5
5	QPSK	1	0	22.08	22.11	22.06
5	QPSK	1	12	21.90	21.94	21.88
5	QPSK	1	24	21.76	21.73	21.80
5	QPSK	12	0	20.98	21.07	21.01
5	QPSK	12	7	20.91	20.96	20.78
5	QPSK	12	13	20.86	20.82	20.74
5	QPSK	25	0	20.81	20.77	20.79
5	16QAM	1	0	21.08	21.20	21.08
5	16QAM	1	12	21.01	21.08	20.98
5	16QAM	1	24	20.91	20.95	20.92
5	16QAM	12	0	20.25	20.24	20.17
5	16QAM	12	7	20.08	20.05	20.15
5	16QAM	12	13	19.95	20.12	19.98
5	16QAM	25	0	19.98	20.04	19.95
5	64QAM	1	0	20.16	20.13	20.18
5	64QAM	1	12	20.03	20.06	20.05
5	64QAM	1	24	19.95	19.98	20.00
5	64QAM	12	0	19.17	19.18	19.07
5	64QAM	12	7	19.05	19.06	18.98
5	64QAM	12	13	18.85	18.90	18.88
5	64QAM	25	0	19.09	19.10	19.07



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	21.97	22.00	21.95
3	QPSK	1	8	21.79	21.83	21.77
3	QPSK	1	14	21.65	21.62	21.69
3	QPSK	8	0	20.87	20.96	20.90
3	QPSK	8	4	20.80	20.85	20.67
3	QPSK	8	7	20.75	20.71	20.63
3	QPSK	15	0	20.70	20.66	20.68
3	16QAM	1	0	20.97	21.09	20.97
3	16QAM	1	8	20.90	20.97	20.87
3	16QAM	1	14	20.80	20.84	20.81
3	16QAM	8	0	20.14	20.13	20.06
3	16QAM	8	4	19.97	19.94	20.04
3	16QAM	8	7	19.84	20.01	19.87
3	16QAM	15	0	19.87	19.93	19.84
3	64QAM	1	0	20.05	20.02	20.07
3	64QAM	1	8	19.92	19.95	19.94
3	64QAM	1	14	19.84	19.87	19.89
3	64QAM	8	0	19.06	19.07	18.96
3	64QAM	8	4	18.94	18.95	18.87
3	64QAM	8	7	18.74	18.79	18.77
3	64QAM	15	0	18.98	18.99	18.96



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	21.84	21.87	21.82
1.4	QPSK	1	3	21.66	21.70	21.64
1.4	QPSK	1	5	21.52	21.49	21.56
1.4	QPSK	3	0	20.74	20.83	20.77
1.4	QPSK	3	1	20.67	20.73	20.54
1.4	QPSK	3	3	20.62	20.58	20.50
1.4	QPSK	6	0	20.57	20.53	20.55
1.4	16QAM	1	0	20.84	20.96	20.84
1.4	16QAM	1	3	20.77	20.84	20.74
1.4	16QAM	1	5	20.67	20.71	20.68
1.4	16QAM	3	0	20.01	20.00	19.93
1.4	16QAM	3	1	19.84	19.81	19.91
1.4	16QAM	3	3	19.71	19.88	19.74
1.4	16QAM	6	0	19.74	19.80	19.71
1.4	64QAM	1	0	19.92	19.89	19.94
1.4	64QAM	1	3	19.79	19.82	19.81
1.4	64QAM	1	5	19.71	19.74	19.76
1.4	64QAM	3	0	18.93	18.94	18.83
1.4	64QAM	3	1	18.81	18.82	18.74
1.4	64QAM	3	3	18.61	18.66	18.64
1.4	64QAM	6	0	18.86	18.87	18.84



LTE Band 5						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20450	20525	20600
Frequency (MHz)				829	836.5	844
10	QPSK	1	0	23.40	23.41	23.38
10	QPSK	1	25	23.29	23.25	23.27
10	QPSK	1	49	23.10	23.18	23.11
10	QPSK	25	0	22.34	22.40	22.32
10	QPSK	25	12	22.30	22.33	22.26
10	QPSK	25	25	22.19	22.18	22.20
10	QPSK	50	0	22.20	22.28	22.20
10	16QAM	1	0	22.35	22.44	22.39
10	16QAM	1	25	22.20	22.25	22.22
10	16QAM	1	49	22.20	22.23	22.32
10	16QAM	25	0	21.41	21.37	21.36
10	16QAM	25	12	21.22	21.27	21.29
10	16QAM	25	25	21.32	21.36	21.26
10	16QAM	50	0	21.25	21.36	21.22
10	64QAM	1	0	21.27	21.34	21.34
10	64QAM	1	25	21.36	21.47	21.65
10	64QAM	1	49	21.22	21.30	21.28
10	64QAM	25	0	20.32	20.24	20.34
10	64QAM	25	12	20.41	20.37	20.40
10	64QAM	25	25	20.41	20.38	20.27
10	64QAM	50	0	20.41	20.31	20.38



LTE Band 5						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20425	20525	20625
Frequency (MHz)				826.5	836.5	846.5
5	QPSK	1	0	23.18	23.23	23.15
5	QPSK	1	12	23.07	23.13	23.05
5	QPSK	1	24	22.98	23.06	22.96
5	QPSK	12	0	22.22	22.28	22.20
5	QPSK	12	7	22.18	22.21	22.14
5	QPSK	12	13	22.07	22.06	22.08
5	QPSK	25	0	22.08	22.16	22.08
5	16QAM	1	0	22.03	22.12	22.07
5	16QAM	1	12	22.08	22.07	22.10
5	16QAM	1	24	22.08	22.11	22.33
5	16QAM	12	0	21.29	21.25	21.24
5	16QAM	12	7	21.10	21.15	21.17
5	16QAM	12	13	21.20	21.24	21.14
5	16QAM	25	0	21.13	21.24	21.10
5	64QAM	1	0	21.15	21.22	21.22
5	64QAM	1	12	21.24	21.35	21.53
5	64QAM	1	24	21.10	21.18	21.16
5	64QAM	12	0	20.20	20.12	20.22
5	64QAM	12	7	20.29	20.25	20.28
5	64QAM	12	13	20.29	20.26	20.15
5	64QAM	25	0	20.29	20.19	20.26



LTE Band 5						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20415	20525	20635
Frequency (MHz)				825.5	836.5	847.5
3	QPSK	1	0	23.07	23.12	23.04
3	QPSK	1	8	22.96	23.02	22.94
3	QPSK	1	14	22.87	22.95	22.85
3	QPSK	8	0	22.11	22.17	22.09
3	QPSK	8	4	22.07	22.10	22.03
3	QPSK	8	7	21.96	21.95	21.97
3	QPSK	15	0	21.97	22.05	21.97
3	16QAM	1	0	21.92	22.01	21.96
3	16QAM	1	8	21.97	21.96	21.99
3	16QAM	1	14	21.97	22.00	22.22
3	16QAM	8	0	21.18	21.14	21.13
3	16QAM	8	4	20.99	21.04	21.06
3	16QAM	8	7	21.09	21.13	21.03
3	16QAM	15	0	21.02	21.13	20.99
3	64QAM	1	0	21.04	21.11	21.11
3	64QAM	1	8	21.13	21.24	21.42
3	64QAM	1	14	20.99	21.07	21.05
3	64QAM	8	0	20.09	20.01	20.11
3	64QAM	8	4	20.18	20.14	20.17
3	64QAM	8	7	20.18	20.15	20.04
3	64QAM	15	0	20.18	20.08	20.15



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	22.97	23.02	22.94
1.4	QPSK	1	3	22.86	22.92	22.84
1.4	QPSK	1	5	22.77	22.85	22.75
1.4	QPSK	3	0	22.01	22.07	21.99
1.4	QPSK	3	1	21.97	22.00	21.93
1.4	QPSK	3	3	21.86	21.85	21.87
1.4	QPSK	6	0	21.87	21.95	21.87
1.4	16QAM	1	0	21.82	21.91	21.86
1.4	16QAM	1	3	21.87	21.86	21.89
1.4	16QAM	1	5	21.87	21.90	22.12
1.4	16QAM	3	0	21.08	21.04	21.03
1.4	16QAM	3	1	20.89	20.94	20.96
1.4	16QAM	3	3	20.99	21.03	20.93
1.4	16QAM	6	0	20.92	21.03	20.89
1.4	64QAM	1	0	20.94	21.01	21.01
1.4	64QAM	1	3	21.03	21.14	21.32
1.4	64QAM	1	5	20.89	20.97	20.95
1.4	64QAM	3	0	19.99	19.91	20.01
1.4	64QAM	3	1	20.08	20.04	20.07
1.4	64QAM	3	3	20.08	20.05	19.94
1.4	64QAM	6	0	20.08	19.98	20.05



LTE Band 7						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20850	21100	21350
Frequency (MHz)				2510	2535	2560
20	QPSK	1	0	22.65	22.71	22.54
20	QPSK	1	49	22.53	22.58	22.49
20	QPSK	1	99	22.41	22.47	22.34
20	QPSK	50	0	21.85	21.87	21.81
20	QPSK	50	24	21.80	21.74	21.68
20	QPSK	50	50	21.62	21.64	21.65
20	QPSK	100	0	21.48	21.52	21.55
20	16QAM	1	0	21.82	21.80	21.81
20	16QAM	1	49	21.73	21.71	21.83
20	16QAM	1	99	21.72	21.77	21.79
20	16QAM	50	0	20.83	20.81	20.90
20	16QAM	50	24	20.95	20.81	20.93
20	16QAM	50	50	20.86	21.00	20.90
20	16QAM	100	0	21.04	20.90	20.92
20	64QAM	1	0	20.71	20.88	20.98
20	64QAM	1	49	20.90	21.01	21.19
20	64QAM	1	99	20.76	21.14	21.02
20	64QAM	50	0	19.86	19.78	19.88
20	64QAM	50	24	19.95	19.91	19.94
20	64QAM	50	50	19.95	19.92	19.81
20	64QAM	100	0	19.95	19.85	19.92



LTE Band 7						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20825	21100	21375
Frequency (MHz)				2507.5	2535	2562.5
15	QPSK	1	0	22.55	22.61	22.44
15	QPSK	1	37	22.43	22.48	22.39
15	QPSK	1	74	22.31	22.37	22.24
15	QPSK	36	0	21.75	21.77	21.71
15	QPSK	36	20	21.70	21.64	21.58
15	QPSK	36	39	21.52	21.54	21.55
15	QPSK	75	0	21.38	21.42	21.45
15	16QAM	1	0	21.72	21.70	21.71
15	16QAM	1	37	21.63	21.61	21.73
15	16QAM	1	74	21.62	21.67	21.69
15	16QAM	36	0	20.73	20.71	20.80
15	16QAM	36	20	20.85	20.71	20.83
15	16QAM	36	39	20.76	20.90	20.80
15	16QAM	75	0	20.94	20.80	20.82
15	64QAM	1	0	20.61	20.78	20.88
15	64QAM	1	37	20.80	20.91	21.09
15	64QAM	1	74	20.66	21.04	20.92
15	64QAM	36	0	19.76	19.68	19.78
15	64QAM	36	20	19.85	19.81	19.84
15	64QAM	36	39	19.85	19.82	19.71
15	64QAM	75	0	19.85	19.75	19.82



LTE Band 7						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20800	21100	21400
Frequency (MHz)				2505	2535	2565
10	QPSK	1	0	22.43	22.49	22.32
10	QPSK	1	25	22.31	22.36	22.27
10	QPSK	1	49	22.19	22.25	22.12
10	QPSK	25	0	21.63	21.65	21.59
10	QPSK	25	12	21.58	21.52	21.46
10	QPSK	25	25	21.40	21.42	21.43
10	QPSK	50	0	21.26	21.30	21.33
10	16QAM	1	0	21.60	21.58	21.59
10	16QAM	1	25	21.51	21.49	21.61
10	16QAM	1	49	21.50	21.55	21.57
10	16QAM	25	0	20.61	20.59	20.68
10	16QAM	25	12	20.73	20.59	20.71
10	16QAM	25	25	20.64	20.78	20.68
10	16QAM	50	0	20.82	20.68	20.70
10	64QAM	1	0	20.49	20.66	20.76
10	64QAM	1	25	20.68	20.79	20.97
10	64QAM	1	49	20.54	20.92	20.80
10	64QAM	25	0	19.64	19.56	19.66
10	64QAM	25	12	19.73	19.69	19.72
10	64QAM	25	25	19.73	19.70	19.59
10	64QAM	50	0	19.73	19.63	19.70



LTE Band 7						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20775	21100	21425
Frequency (MHz)				2502.5	2535	2567.5
5	QPSK	1	0	22.32	22.38	22.21
5	QPSK	1	12	22.20	22.25	22.16
5	QPSK	1	24	22.08	22.14	22.01
5	QPSK	12	0	21.52	21.54	21.48
5	QPSK	12	7	21.47	21.41	21.35
5	QPSK	12	13	21.29	21.31	21.32
5	QPSK	25	0	21.15	21.19	21.22
5	16QAM	1	0	21.49	21.47	21.48
5	16QAM	1	12	21.40	21.38	21.50
5	16QAM	1	24	21.39	21.44	21.46
5	16QAM	12	0	20.50	20.48	20.57
5	16QAM	12	7	20.62	20.48	20.60
5	16QAM	12	13	20.53	20.67	20.57
5	16QAM	25	0	20.71	20.57	20.59
5	64QAM	1	0	20.38	20.55	20.65
5	64QAM	1	12	20.57	20.68	20.86
5	64QAM	1	24	20.43	20.81	20.69
5	64QAM	12	0	19.53	19.45	19.55
5	64QAM	12	7	19.62	19.58	19.61
5	64QAM	12	13	19.62	19.59	19.48
5	64QAM	25	0	19.62	19.52	19.59



LTE Band 12						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23060	23095	23130
Frequency (MHz)				704	707.5	711
10	QPSK	1	0	23.37	23.42	23.33
10	QPSK	1	25	23.26	23.17	23.24
10	QPSK	1	49	23.16	23.20	23.12
10	QPSK	25	0	22.30	22.35	22.34
10	QPSK	25	12	22.23	22.35	22.22
10	QPSK	25	25	22.18	22.16	22.17
10	QPSK	50	0	22.07	22.06	22.10
10	16QAM	1	0	22.62	22.72	22.69
10	16QAM	1	25	22.66	22.63	22.51
10	16QAM	1	49	22.57	22.54	22.42
10	16QAM	25	0	21.27	21.32	21.37
10	16QAM	25	12	21.21	21.23	21.25
10	16QAM	25	25	21.14	21.12	21.16
10	16QAM	50	0	21.06	21.07	21.09
10	64QAM	1	0	21.53	21.47	21.56
10	64QAM	1	25	21.48	21.39	21.43
10	64QAM	1	49	21.32	21.34	21.37
10	64QAM	25	0	20.30	20.33	20.35
10	64QAM	25	12	20.22	20.24	20.26
10	64QAM	25	25	20.16	20.19	20.23
10	64QAM	50	0	20.14	20.17	20.16



LTE Band 12						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23035	23095	23155
Frequency (MHz)				701.5	707.5	713.5
5	QPSK	1	0	23.25	23.32	23.17
5	QPSK	1	12	23.10	23.11	23.08
5	QPSK	1	24	23.02	23.05	22.97
5	QPSK	12	0	22.19	22.14	22.18
5	QPSK	12	7	22.16	22.11	22.15
5	QPSK	12	13	22.10	22.06	22.11
5	QPSK	25	0	22.02	21.99	22.03
5	16QAM	1	0	22.69	22.66	22.63
5	16QAM	1	12	22.60	22.57	22.45
5	16QAM	1	24	22.51	22.48	22.36
5	16QAM	12	0	21.21	21.26	21.31
5	16QAM	12	7	21.15	21.17	21.19
5	16QAM	12	13	21.08	21.06	21.10
5	16QAM	25	0	21.00	21.01	21.03
5	64QAM	1	0	21.47	21.41	21.50
5	64QAM	1	12	21.42	21.33	21.37
5	64QAM	1	24	21.26	21.28	21.31
5	64QAM	12	0	20.24	20.27	20.29
5	64QAM	12	7	20.16	20.18	20.20
5	64QAM	12	13	20.10	20.13	20.17
5	64QAM	25	0	20.08	20.11	20.10



LTE Band 12						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23025	23095	23165
Frequency (MHz)				700.5	707.5	714.5
3	QPSK	1	0	23.19	23.26	23.11
3	QPSK	1	8	23.04	23.05	23.02
3	QPSK	1	14	22.96	22.99	22.91
3	QPSK	8	0	22.13	22.08	22.12
3	QPSK	8	4	22.10	22.05	22.09
3	QPSK	8	7	22.04	22.00	22.05
3	QPSK	15	0	21.96	21.93	21.97
3	16QAM	1	0	22.63	22.60	22.57
3	16QAM	1	8	22.54	22.51	22.39
3	16QAM	1	14	22.45	22.42	22.30
3	16QAM	8	0	21.15	21.20	21.25
3	16QAM	8	4	21.09	21.11	21.13
3	16QAM	8	7	21.02	21.00	21.04
3	16QAM	15	0	20.94	20.95	20.97
3	64QAM	1	0	21.41	21.35	21.44
3	64QAM	1	8	21.36	21.27	21.31
3	64QAM	1	14	21.20	21.22	21.25
3	64QAM	8	0	20.18	20.21	20.23
3	64QAM	8	4	20.10	20.12	20.14
3	64QAM	8	7	20.04	20.07	20.11
3	64QAM	15	0	20.02	20.05	20.04



LTE Band 12						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23017	23095	23173
Frequency (MHz)				699.7	707.5	715.3
1.4	QPSK	1	0	23.15	23.22	23.07
1.4	QPSK	1	3	23.00	23.01	22.98
1.4	QPSK	1	5	22.92	22.95	22.87
1.4	QPSK	3	0	22.09	22.04	22.08
1.4	QPSK	3	1	22.06	22.01	22.05
1.4	QPSK	3	3	22.00	21.96	22.01
1.4	QPSK	6	0	21.92	21.89	21.93
1.4	16QAM	1	0	22.59	22.56	22.53
1.4	16QAM	1	3	22.50	22.47	22.35
1.4	16QAM	1	5	22.41	22.38	22.26
1.4	16QAM	3	0	21.11	21.16	21.21
1.4	16QAM	3	1	21.05	21.07	21.09
1.4	16QAM	3	3	20.98	20.96	21.00
1.4	16QAM	6	0	20.90	20.91	20.93
1.4	64QAM	1	0	21.37	21.31	21.40
1.4	64QAM	1	3	21.32	21.23	21.27
1.4	64QAM	1	5	21.16	21.18	21.21
1.4	64QAM	3	0	20.14	20.17	20.19
1.4	64QAM	3	1	20.06	20.08	20.10
1.4	64QAM	3	3	20.00	20.03	20.07
1.4	64QAM	6	0	19.98	20.01	20.00



LTE Band 17						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23780	23790	23800
Frequency (MHz)				709	710	711
10	QPSK	1	0	23.23	23.35	23.24
10	QPSK	1	25	23.11	23.17	23.15
10	QPSK	1	49	23.04	23.07	23.02
10	QPSK	25	0	22.23	22.25	22.23
10	QPSK	25	12	22.16	22.14	22.11
10	QPSK	25	25	22.12	22.08	22.07
10	QPSK	50	0	22.09	22.05	22.03
10	16QAM	1	0	22.79	22.68	22.67
10	16QAM	1	25	22.67	22.63	22.59
10	16QAM	1	49	22.53	22.56	22.51
10	16QAM	25	0	21.26	21.23	21.21
10	16QAM	25	12	21.17	21.19	21.16
10	16QAM	25	25	21.12	21.15	21.13
10	16QAM	50	0	21.06	21.09	21.04
10	64QAM	1	0	22.81	22.58	22.81
10	64QAM	1	25	22.68	22.55	22.63
10	64QAM	1	49	22.53	22.41	22.41
10	64QAM	25	0	21.22	21.20	21.19
10	64QAM	25	12	21.14	21.13	21.07
10	64QAM	25	25	21.08	21.04	20.99
10	64QAM	50	0	20.95	20.96	20.87



LTE Band 17						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23755	23790	23825
Frequency (MHz)				706.5	710	713.5
5	QPSK	1	0	23.19	23.24	23.20
5	QPSK	1	12	23.07	23.13	23.11
5	QPSK	1	24	23.00	23.03	22.98
5	QPSK	12	0	22.21	22.17	22.11
5	QPSK	12	7	22.12	22.10	22.07
5	QPSK	12	13	22.08	22.04	22.03
5	QPSK	25	0	22.05	22.01	21.99
5	16QAM	1	0	22.75	22.64	22.63
5	16QAM	1	12	22.63	22.59	22.55
5	16QAM	1	24	22.49	22.52	22.47
5	16QAM	12	0	21.22	21.19	21.17
5	16QAM	12	7	21.13	21.15	21.12
5	16QAM	12	13	21.08	21.11	21.09
5	16QAM	25	0	21.02	21.05	21.00
5	64QAM	1	0	22.77	22.54	22.77
5	64QAM	1	12	22.64	22.51	22.59
5	64QAM	1	24	22.49	22.37	22.37
5	64QAM	12	0	21.18	21.16	21.15
5	64QAM	12	7	21.10	21.09	21.03
5	64QAM	12	13	21.04	21.00	20.95
5	64QAM	25	0	20.91	20.92	20.83



LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26865	26915	26965
Frequency (MHz)				831.5	836.5	841.5
15	QPSK	1	0	23.15	23.07	23.08
15	QPSK	1	37	22.92	22.83	22.85
15	QPSK	1	74	22.78	22.68	22.77
15	QPSK	36	0	22.18	22.12	22.10
15	QPSK	36	20	22.13	22.05	22.09
15	QPSK	36	39	22.07	22.04	22.03
15	QPSK	75	0	22.14	22.09	22.13
15	16QAM	1	0	22.54	22.48	22.34
15	16QAM	1	37	22.41	22.35	22.31
15	16QAM	1	74	22.28	22.18	22.26
15	16QAM	36	0	21.19	21.13	21.15
15	16QAM	36	20	21.15	21.10	21.11
15	16QAM	36	39	21.12	21.05	21.19
15	16QAM	75	0	21.17	21.07	21.15
15	64QAM	1	0	21.45	21.39	21.40
15	64QAM	1	37	21.31	21.26	21.35
15	64QAM	1	74	21.44	21.35	21.41
15	64QAM	36	0	20.35	20.30	20.34
15	64QAM	36	20	20.21	20.17	20.21
15	64QAM	36	39	20.15	20.11	20.21
15	64QAM	75	0	20.21	20.20	20.26



LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26840	26915	26990
Frequency (MHz)				829.0	836.5	844.0
10	QPSK	1	0	22.91	22.95	22.97
10	QPSK	1	25	22.73	22.67	22.74
10	QPSK	1	49	22.58	22.56	22.66
10	QPSK	25	0	21.93	21.90	21.99
10	QPSK	25	12	21.91	21.88	21.98
10	QPSK	25	25	21.84	21.89	21.92
10	QPSK	50	0	21.96	21.99	22.02
10	16QAM	1	0	22.20	22.17	22.23
10	16QAM	1	25	22.15	22.18	22.20
10	16QAM	1	49	22.11	22.05	22.15
10	16QAM	25	0	20.96	20.99	21.04
10	16QAM	25	12	20.93	20.92	21.00
10	16QAM	25	25	21.04	21.01	21.08
10	16QAM	50	0	20.98	20.94	21.04
10	64QAM	1	0	21.28	21.22	21.29
10	64QAM	1	25	21.21	21.21	21.24
10	64QAM	1	49	21.27	21.22	21.30
10	64QAM	25	0	20.22	20.14	20.23
10	64QAM	25	12	20.08	20.04	20.10
10	64QAM	25	25	20.04	20.03	20.10
10	64QAM	50	0	20.09	20.09	20.15



LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26815	26915	27015
Frequency (MHz)				826.5	836.5	846.5
5	QPSK	1	0	22.80	22.78	22.84
5	QPSK	1	12	22.52	22.51	22.61
5	QPSK	1	24	22.45	22.49	22.53
5	QPSK	12	0	21.76	21.79	21.86
5	QPSK	12	7	21.84	21.79	21.85
5	QPSK	12	13	21.77	21.78	21.79
5	QPSK	25	0	21.85	21.84	21.89
5	16QAM	1	0	22.04	22.06	22.10
5	16QAM	1	12	21.98	22.03	22.07
5	16QAM	1	24	21.99	21.96	22.02
5	16QAM	12	0	20.88	20.89	20.91
5	16QAM	12	7	20.80	20.85	20.87
5	16QAM	12	13	20.87	20.85	20.95
5	16QAM	25	0	20.89	20.89	20.91
5	64QAM	1	0	21.13	21.14	21.16
5	64QAM	1	12	21.07	21.04	21.11
5	64QAM	1	24	21.09	21.09	21.17
5	64QAM	12	0	20.08	20.09	20.10
5	64QAM	12	7	19.89	19.88	19.97
5	64QAM	12	13	19.87	19.87	19.97
5	64QAM	25	0	19.92	19.96	20.02



LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26805	26915	27025
Frequency (MHz)				825.5	836.5	847.5
3	QPSK	1	0	22.69	22.69	22.72
3	QPSK	1	8	22.41	22.45	22.49
3	QPSK	1	14	22.31	22.38	22.41
3	QPSK	8	0	21.67	21.65	21.74
3	QPSK	8	4	21.72	21.65	21.73
3	QPSK	8	7	21.60	21.59	21.67
3	QPSK	15	0	21.73	21.68	21.77
3	16QAM	1	0	21.93	21.90	21.98
3	16QAM	1	8	21.93	21.90	21.95
3	16QAM	1	14	21.82	21.86	21.90
3	16QAM	8	0	20.73	20.69	20.79
3	16QAM	8	4	20.72	20.69	20.75
3	16QAM	8	7	20.79	20.78	20.83
3	16QAM	15	0	20.78	20.71	20.79
3	64QAM	1	0	20.96	20.95	21.04
3	64QAM	1	8	20.96	20.95	20.99
3	64QAM	1	14	21.00	20.95	21.05
3	64QAM	8	0	19.93	19.90	19.98
3	64QAM	8	4	19.76	19.75	19.85
3	64QAM	8	7	19.77	19.76	19.85
3	64QAM	15	0	19.85	19.85	19.90



LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26797	26915	27033
Frequency (MHz)				824.7	836.5	848.3
1.4	QPSK	1	0	22.55	22.57	22.59
1.4	QPSK	1	3	22.27	22.30	22.36
1.4	QPSK	1	5	22.25	22.18	22.28
1.4	QPSK	3	0	21.55	21.52	21.61
1.4	QPSK	3	1	21.50	21.52	21.60
1.4	QPSK	3	3	21.45	21.51	21.54
1.4	QPSK	6	0	21.62	21.56	21.64
1.4	16QAM	1	0	21.84	21.84	21.85
1.4	16QAM	1	3	21.77	21.76	21.82
1.4	16QAM	1	5	21.73	21.75	21.77
1.4	16QAM	3	0	20.60	20.63	20.66
1.4	16QAM	3	1	20.60	20.58	20.62
1.4	16QAM	3	3	20.69	20.66	20.70
1.4	16QAM	6	0	20.61	20.59	20.66
1.4	64QAM	1	0	20.81	20.87	20.91
1.4	64QAM	1	3	20.78	20.85	20.86
1.4	64QAM	1	5	20.86	20.83	20.92
1.4	64QAM	3	0	19.80	19.82	19.85
1.4	64QAM	3	1	19.71	19.62	19.72
1.4	64QAM	3	3	19.64	19.71	19.72
1.4	64QAM	6	0	19.70	19.75	19.77



LTE Band 38						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				37850	38000	38150
Frequency (MHz)				2580	2595	2610
20	QPSK	1	0	22.91	22.94	22.90
20	QPSK	1	49	22.77	22.82	22.78
20	QPSK	1	99	22.61	22.69	22.66
20	QPSK	50	0	21.81	21.91	21.88
20	QPSK	50	24	21.68	21.80	21.77
20	QPSK	50	50	21.70	21.62	21.70
20	QPSK	100	0	21.65	21.70	21.66
20	16QAM	1	0	22.02	22.01	21.97
20	16QAM	1	49	21.92	21.90	21.86
20	16QAM	1	99	21.75	21.76	21.78
20	16QAM	50	0	20.65	20.67	20.70
20	16QAM	50	24	20.56	20.61	20.55
20	16QAM	50	50	20.48	20.52	20.49
20	16QAM	100	0	20.40	20.44	20.47
20	64QAM	1	0	21.11	21.07	21.09
20	64QAM	1	49	21.07	21.05	21.00
20	64QAM	1	99	20.93	20.90	20.94
20	64QAM	50	0	20.48	20.46	20.49
20	64QAM	50	24	20.36	20.43	20.40
20	64QAM	50	50	20.33	20.44	20.49
20	64QAM	100	0	20.30	20.46	20.23



LTE Band 38						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				37825	38000	38175
Frequency (MHz)				2577.5	2595	2612.5
15	QPSK	1	0	22.80	22.83	22.79
15	QPSK	1	37	22.66	22.71	22.67
15	QPSK	1	74	22.50	22.58	22.55
15	QPSK	36	0	21.70	21.80	21.77
15	QPSK	36	20	21.57	21.69	21.66
15	QPSK	36	39	21.59	21.51	21.59
15	QPSK	75	0	21.54	21.59	21.55
15	16QAM	1	0	21.91	21.90	21.86
15	16QAM	1	37	21.81	21.79	21.75
15	16QAM	1	74	21.64	21.65	21.67
15	16QAM	36	0	20.54	20.56	20.59
15	16QAM	36	20	20.45	20.50	20.44
15	16QAM	36	39	20.37	20.41	20.38
15	16QAM	75	0	20.29	20.33	20.36
15	64QAM	1	0	21.00	20.96	20.98
15	64QAM	1	37	20.96	20.94	20.89
15	64QAM	1	74	20.82	20.79	20.83
15	64QAM	36	0	20.37	20.35	20.38
15	64QAM	36	20	20.25	20.32	20.29
15	64QAM	36	39	20.22	20.33	20.38
15	64QAM	75	0	20.19	20.35	20.12



LTE Band 38						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				37800	38000	38200
Frequency (MHz)				2575	2595	2615
10	QPSK	1	0	22.67	22.70	22.66
10	QPSK	1	25	22.53	22.58	22.54
10	QPSK	1	49	22.37	22.45	22.42
10	QPSK	25	0	21.57	21.67	21.64
10	QPSK	25	12	21.44	21.56	21.53
10	QPSK	25	25	21.46	21.38	21.46
10	QPSK	50	0	21.41	21.46	21.42
10	16QAM	1	0	21.78	21.77	21.73
10	16QAM	1	25	21.68	21.66	21.62
10	16QAM	1	49	21.51	21.52	21.54
10	16QAM	25	0	20.41	20.43	20.46
10	16QAM	25	12	20.32	20.37	20.31
10	16QAM	25	25	20.24	20.28	20.25
10	16QAM	50	0	20.16	20.20	20.23
10	64QAM	1	0	20.87	20.83	20.85
10	64QAM	1	25	20.83	20.81	20.76
10	64QAM	1	49	20.69	20.66	20.70
10	64QAM	25	0	20.24	20.22	20.25
10	64QAM	25	12	20.12	20.19	20.16
10	64QAM	25	25	20.09	20.20	20.25
10	64QAM	50	0	20.06	20.22	19.99



LTE Band 38						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				37775	38000	38225
Frequency (MHz)				2572.5	2595	2617.5
5	QPSK	1	0	22.55	22.58	22.54
5	QPSK	1	12	22.41	22.46	22.42
5	QPSK	1	24	22.25	22.33	22.30
5	QPSK	12	0	21.45	21.55	21.52
5	QPSK	12	7	21.32	21.44	21.41
5	QPSK	12	13	21.34	21.26	21.34
5	QPSK	25	0	21.29	21.34	21.30
5	16QAM	1	0	21.66	21.65	21.61
5	16QAM	1	12	21.56	21.54	21.50
5	16QAM	1	24	21.39	21.40	21.42
5	16QAM	12	0	20.29	20.31	20.34
5	16QAM	12	7	20.20	20.25	20.19
5	16QAM	12	13	20.12	20.16	20.13
5	16QAM	25	0	20.04	20.08	20.11
5	64QAM	1	0	20.75	20.71	20.73
5	64QAM	1	12	20.71	20.69	20.64
5	64QAM	1	24	20.57	20.54	20.58
5	64QAM	12	0	20.12	20.10	20.13
5	64QAM	12	7	20.00	20.07	20.04
5	64QAM	12	13	19.97	20.08	20.13
5	64QAM	25	0	19.94	20.10	19.87



LTE Band 41						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39750	40620	41490
Frequency (MHz)				2506	2593	2680
20	QPSK	1	0	22.73	22.92	22.78
20	QPSK	1	49	22.66	22.77	22.69
20	QPSK	1	99	22.59	22.62	22.67
20	QPSK	50	0	21.86	21.89	21.81
20	QPSK	50	24	21.71	21.72	21.75
20	QPSK	50	50	21.67	21.59	21.71
20	QPSK	100	0	21.60	21.55	21.59
20	16QAM	1	0	22.12	22.14	22.13
20	16QAM	1	49	21.96	21.99	22.00
20	16QAM	1	99	21.82	21.91	21.84
20	16QAM	50	0	20.81	20.83	20.86
20	16QAM	50	24	20.71	20.71	20.72
20	16QAM	50	50	20.65	20.60	20.65
20	16QAM	100	0	20.57	20.55	20.47
20	64QAM	1	0	21.44	21.43	21.36
20	64QAM	1	49	21.65	21.51	21.36
20	64QAM	1	99	21.52	21.43	21.40
20	64QAM	50	0	20.42	20.45	20.38
20	64QAM	50	24	20.32	20.34	20.33
20	64QAM	50	50	20.35	20.29	20.29
20	64QAM	100	0	20.26	20.24	20.25



LTE Band 41						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39725	40620	41515
Frequency (MHz)				2503.5	2593	2682.5
15	QPSK	1	0	22.61	22.80	22.66
15	QPSK	1	37	22.54	22.65	22.57
15	QPSK	1	74	22.47	22.50	22.55
15	QPSK	36	0	21.74	21.77	21.69
15	QPSK	36	20	21.59	21.60	21.63
15	QPSK	36	39	21.55	21.47	21.59
15	QPSK	75	0	21.48	21.43	21.47
15	16QAM	1	0	22.00	22.02	22.01
15	16QAM	1	37	21.84	21.87	21.88
15	16QAM	1	74	21.70	21.79	21.72
15	16QAM	36	0	20.69	20.71	20.74
15	16QAM	36	20	20.59	20.59	20.60
15	16QAM	36	39	20.53	20.48	20.53
15	16QAM	75	0	20.45	20.43	20.35
15	64QAM	1	0	21.32	21.31	21.24
15	64QAM	1	37	21.53	21.39	21.24
15	64QAM	1	74	21.40	21.31	21.28
15	64QAM	36	0	20.30	20.33	20.26
15	64QAM	36	20	20.20	20.22	20.21
15	64QAM	36	39	20.23	20.17	20.17
15	64QAM	75	0	20.14	20.12	20.13



LTE Band 41						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39700	40620	41540
Frequency (MHz)				2501	2593	2685
10	QPSK	1	0	22.48	22.67	22.53
10	QPSK	1	25	22.41	22.52	22.44
10	QPSK	1	49	22.34	22.37	22.42
10	QPSK	25	0	21.61	21.64	21.56
10	QPSK	25	12	21.46	21.47	21.50
10	QPSK	25	25	21.42	21.34	21.46
10	QPSK	50	0	21.35	21.30	21.34
10	16QAM	1	0	21.87	21.89	21.88
10	16QAM	1	25	21.71	21.74	21.75
10	16QAM	1	49	21.57	21.66	21.59
10	16QAM	25	0	20.56	20.58	20.61
10	16QAM	25	12	20.46	20.46	20.47
10	16QAM	25	25	20.40	20.35	20.40
10	16QAM	50	0	20.32	20.30	20.22
10	64QAM	1	0	21.19	21.18	21.11
10	64QAM	1	25	21.40	21.26	21.11
10	64QAM	1	49	21.27	21.18	21.15
10	64QAM	25	0	20.17	20.20	20.13
10	64QAM	25	12	20.07	20.09	20.08
10	64QAM	25	25	20.10	20.04	20.04
10	64QAM	50	0	20.01	19.99	20.00



LTE Band 41						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39675	40620	41565
Frequency (MHz)				2498.5	2593	2687.5
5	QPSK	1	0	22.36	22.55	22.41
5	QPSK	1	12	22.29	22.40	22.32
5	QPSK	1	24	22.22	22.25	22.30
5	QPSK	12	0	21.49	21.52	21.44
5	QPSK	12	7	21.34	21.35	21.38
5	QPSK	12	13	21.30	21.22	21.34
5	QPSK	25	0	21.23	21.18	21.22
5	16QAM	1	0	21.75	21.77	21.76
5	16QAM	1	12	21.59	21.62	21.63
5	16QAM	1	24	21.45	21.54	21.47
5	16QAM	12	0	20.44	20.46	20.49
5	16QAM	12	7	20.34	20.34	20.35
5	16QAM	12	13	20.28	20.23	20.28
5	16QAM	25	0	20.20	20.18	20.10
5	64QAM	1	0	21.07	21.06	20.99
5	64QAM	1	12	21.28	21.14	20.99
5	64QAM	1	24	21.15	21.06	21.03
5	64QAM	12	0	20.05	20.08	20.01
5	64QAM	12	7	19.95	19.97	19.96
5	64QAM	12	13	19.98	19.92	19.92
5	64QAM	25	0	19.89	19.87	19.88



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				132072	132322	132572
Frequency (MHz)				1720	1745	1770
20	QPSK	1	0	23.35	23.46	23.41
20	QPSK	1	49	23.27	23.34	23.29
20	QPSK	1	99	23.12	23.25	23.21
20	QPSK	50	0	22.49	22.54	22.50
20	QPSK	50	24	22.36	22.32	22.41
20	QPSK	50	50	22.24	22.21	22.38
20	QPSK	100	0	22.17	22.13	22.22
20	16QAM	1	0	22.32	22.37	22.33
20	16QAM	1	49	22.30	22.24	22.40
20	16QAM	1	99	22.23	22.31	22.38
20	16QAM	50	0	21.44	21.36	21.41
20	16QAM	50	24	21.40	21.43	21.49
20	16QAM	50	50	21.55	21.42	21.36
20	16QAM	100	0	21.60	21.40	21.45
20	64QAM	1	0	21.34	21.52	21.59
20	64QAM	1	49	21.49	21.49	21.53
20	64QAM	1	99	21.46	21.60	21.65
20	64QAM	50	0	20.55	20.53	20.55
20	64QAM	50	24	20.65	20.55	20.43
20	64QAM	50	50	20.60	20.48	20.37
20	64QAM	100	0	20.42	20.50	20.41



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				132047	132322	132597
Frequency (MHz)				1717.5	1745	1772.5
15	QPSK	1	0	23.23	23.34	23.29
15	QPSK	1	37	23.15	23.22	23.17
15	QPSK	1	74	23.00	23.13	23.09
15	QPSK	36	0	22.37	22.42	22.38
15	QPSK	36	20	22.24	22.20	22.29
15	QPSK	36	39	22.12	22.09	22.26
15	QPSK	75	0	22.05	22.01	22.10
15	16QAM	1	0	22.20	22.25	22.21
15	16QAM	1	37	22.18	22.12	22.28
15	16QAM	1	74	22.11	22.19	22.26
15	16QAM	36	0	21.32	21.24	21.29
15	16QAM	36	20	21.28	21.31	21.37
15	16QAM	36	39	21.43	21.30	21.24
15	16QAM	75	0	21.48	21.28	21.33
15	64QAM	1	0	21.22	21.40	21.47
15	64QAM	1	37	21.37	21.37	21.41
15	64QAM	1	74	21.34	21.48	21.53
15	64QAM	36	0	20.43	20.41	20.43
15	64QAM	36	20	20.53	20.43	20.31
15	64QAM	36	39	20.48	20.36	20.25
15	64QAM	75	0	20.30	20.38	20.29



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				132022	132322	132622
Frequency (MHz)				1715	1745	1775
10	QPSK	1	0	23.11	23.22	23.17
10	QPSK	1	25	23.03	23.10	23.05
10	QPSK	1	49	22.88	23.01	22.97
10	QPSK	25	0	22.25	22.30	22.26
10	QPSK	25	12	22.12	22.08	22.17
10	QPSK	25	25	22.00	21.97	22.14
10	QPSK	50	0	21.93	21.89	21.98
10	16QAM	1	0	22.08	22.13	22.09
10	16QAM	1	25	22.06	22.00	22.16
10	16QAM	1	49	21.99	22.07	22.14
10	16QAM	25	0	21.20	21.12	21.17
10	16QAM	25	12	21.16	21.19	21.25
10	16QAM	25	25	21.31	21.18	21.12
10	16QAM	50	0	21.36	21.16	21.21
10	64QAM	1	0	21.10	21.28	21.35
10	64QAM	1	25	21.25	21.25	21.29
10	64QAM	1	49	21.22	21.36	21.41
10	64QAM	25	0	20.31	20.29	20.31
10	64QAM	25	12	20.41	20.31	20.19
10	64QAM	25	25	20.36	20.24	20.13
10	64QAM	50	0	20.18	20.26	20.17



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				131997	132322	132647
Frequency (MHz)				1712.5	1745	1777.5
5	QPSK	1	0	23.00	23.11	23.06
5	QPSK	1	12	22.92	22.99	22.94
5	QPSK	1	24	22.77	22.90	22.86
5	QPSK	12	0	22.14	22.19	22.15
5	QPSK	12	7	22.01	21.97	22.06
5	QPSK	12	13	21.89	21.86	22.03
5	QPSK	25	0	21.82	21.78	21.87
5	16QAM	1	0	21.97	22.02	21.98
5	16QAM	1	12	21.95	21.89	22.05
5	16QAM	1	24	21.88	21.96	22.03
5	16QAM	12	0	21.09	21.01	21.06
5	16QAM	12	7	21.05	21.08	21.14
5	16QAM	12	13	21.20	21.07	21.01
5	16QAM	25	0	21.25	21.05	21.10
5	64QAM	1	0	20.99	21.17	21.24
5	64QAM	1	12	21.14	21.14	21.18
5	64QAM	1	24	21.11	21.25	21.30
5	64QAM	12	0	20.20	20.18	20.10
5	64QAM	12	7	20.30	20.20	20.08
5	64QAM	12	13	20.25	20.13	20.02
5	64QAM	25	0	20.07	20.15	20.06



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				131987	132322	132657
Frequency (MHz)				1711.5	1745	1778.5
3	QPSK	1	0	23.12	23.23	23.18
3	QPSK	1	8	23.04	23.11	23.06
3	QPSK	1	14	22.89	23.02	22.98
3	QPSK	8	0	22.26	22.22	22.31
3	QPSK	8	4	22.13	22.09	22.18
3	QPSK	8	7	22.01	21.98	22.15
3	QPSK	15	0	21.94	21.90	21.99
3	16QAM	1	0	22.83	22.86	22.80
3	16QAM	1	8	22.75	22.79	22.73
3	16QAM	1	14	22.60	22.66	22.61
3	16QAM	8	0	21.23	21.29	21.38
3	16QAM	8	4	21.12	21.21	21.31
3	16QAM	8	7	21.06	21.08	21.24
3	16QAM	15	0	20.99	21.02	21.09
3	64QAM	1	0	22.66	22.58	22.76
3	64QAM	1	8	22.53	22.51	22.63
3	64QAM	1	14	22.46	22.43	22.55
3	64QAM	8	0	21.26	21.23	21.20
3	64QAM	8	4	21.11	21.10	21.23
3	64QAM	8	7	21.04	21.03	21.15
3	64QAM	15	0	20.96	20.91	21.00



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				131979	132322	132665
Frequency (MHz)				1710.7	1745	1779.3
1.4	QPSK	1	0	22.88	22.99	22.94
1.4	QPSK	1	3	22.80	22.87	22.82
1.4	QPSK	1	5	22.65	22.78	22.74
1.4	QPSK	3	0	22.02	22.07	22.03
1.4	QPSK	3	1	21.89	21.85	21.94
1.4	QPSK	3	3	21.77	21.74	21.91
1.4	QPSK	6	0	21.70	21.66	21.75
1.4	16QAM	1	0	21.85	21.90	21.86
1.4	16QAM	1	3	21.83	21.77	21.93
1.4	16QAM	1	5	21.76	21.84	21.91
1.4	16QAM	3	0	20.97	20.89	20.94
1.4	16QAM	3	1	20.93	20.96	21.02
1.4	16QAM	3	3	21.08	20.95	20.89
1.4	16QAM	6	0	21.13	20.93	20.98
1.4	64QAM	1	0	20.87	21.05	21.12
1.4	64QAM	1	3	21.02	21.02	21.06
1.4	64QAM	1	5	20.99	21.13	21.18
1.4	64QAM	3	0	20.08	20.06	20.08
1.4	64QAM	3	1	20.18	20.08	19.96
1.4	64QAM	3	3	20.13	20.01	19.90
1.4	64QAM	6	0	19.95	20.03	19.94



Effective Radiated Power and Effective Isotropic Radiated Power

Top Antenna

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	21.30	0.135	21.31	0.135	21.26	0.134
20	QPSK	1	49	20.89	0.123	20.86	0.122	20.91	0.123
20	QPSK	1	99	20.81	0.121	20.77	0.119	20.74	0.119
20	QPSK	50	0	20.28	0.107	20.34	0.108	20.32	0.108
20	QPSK	50	24	19.96	0.099	19.97	0.099	20.00	0.100
20	QPSK	50	50	19.85	0.097	19.91	0.098	19.94	0.099
20	QPSK	100	0	19.74	0.094	19.73	0.094	19.72	0.094
20	16QAM	1	0	20.12	0.103	20.11	0.103	20.19	0.104
20	16QAM	1	49	19.84	0.096	19.83	0.096	19.99	0.100
20	16QAM	1	99	19.78	0.095	19.75	0.094	19.73	0.094
20	16QAM	50	0	18.67	0.074	18.64	0.073	18.64	0.073
20	16QAM	50	24	18.63	0.073	18.65	0.073	18.61	0.073
20	16QAM	50	50	18.61	0.073	18.56	0.072	18.55	0.072
20	16QAM	100	0	18.62	0.073	18.54	0.071	18.53	0.071
20	64QAM	1	0	19.14	0.082	19.21	0.083	19.12	0.082
20	64QAM	1	49	19.07	0.081	19.18	0.083	19.06	0.081
20	64QAM	1	99	18.98	0.079	19.12	0.082	19.07	0.081
20	64QAM	50	0	18.12	0.065	18.22	0.066	18.12	0.065
20	64QAM	50	24	18.27	0.067	18.01	0.063	17.99	0.063
20	64QAM	50	50	18.19	0.066	18.13	0.065	18.06	0.064
20	64QAM	100	0	18.16	0.065	18.15	0.065	18.09	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				18675		18900		19125	
Frequency (MHz)				1857.5		1880		1902.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	20.89	0.123	21.00	0.126	20.93	0.124
15	QPSK	1	37	20.77	0.119	20.74	0.119	20.79	0.120
15	QPSK	1	74	20.69	0.117	20.65	0.116	20.62	0.115
15	QPSK	36	0	19.93	0.098	20.01	0.100	19.94	0.099
15	QPSK	36	20	19.84	0.096	19.85	0.097	19.88	0.097
15	QPSK	36	39	19.73	0.094	19.79	0.095	19.82	0.096
15	QPSK	75	0	19.62	0.092	19.61	0.091	19.60	0.091
15	16QAM	1	0	20.00	0.100	19.99	0.100	20.07	0.102
15	16QAM	1	37	19.72	0.094	19.71	0.094	19.87	0.097
15	16QAM	1	74	19.66	0.092	19.63	0.092	19.61	0.091
15	16QAM	36	0	18.55	0.072	18.52	0.071	18.52	0.071
15	16QAM	36	20	18.51	0.071	18.53	0.071	18.49	0.071
15	16QAM	36	39	18.49	0.071	18.44	0.070	18.43	0.070
15	16QAM	75	0	18.50	0.071	18.42	0.070	18.41	0.069
15	64QAM	1	0	19.02	0.080	19.09	0.081	19.00	0.079
15	64QAM	1	37	18.95	0.079	19.06	0.081	18.94	0.078
15	64QAM	1	74	18.86	0.077	19.00	0.079	18.95	0.079
15	64QAM	36	0	18.00	0.063	18.10	0.065	18.00	0.063
15	64QAM	36	20	18.15	0.065	17.89	0.062	17.87	0.061
15	64QAM	36	39	18.07	0.064	18.01	0.063	17.94	0.062
15	64QAM	75	0	18.04	0.064	18.03	0.064	17.97	0.063



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	20.77	0.119	20.88	0.122	20.81	0.121
10	QPSK	1	25	20.65	0.116	20.62	0.115	20.67	0.117
10	QPSK	1	49	20.57	0.114	20.53	0.113	20.50	0.112
10	QPSK	25	0	19.81	0.096	19.89	0.097	19.82	0.096
10	QPSK	25	12	19.72	0.094	19.73	0.094	19.76	0.095
10	QPSK	25	25	19.61	0.091	19.67	0.093	19.70	0.093
10	QPSK	50	0	19.50	0.089	19.49	0.089	19.48	0.089
10	16QAM	1	0	19.88	0.097	19.87	0.097	19.95	0.099
10	16QAM	1	25	19.60	0.091	19.59	0.091	19.75	0.094
10	16QAM	1	49	19.54	0.090	19.51	0.089	19.49	0.089
10	16QAM	25	0	18.43	0.070	18.40	0.069	18.40	0.069
10	16QAM	25	12	18.39	0.069	18.41	0.069	18.37	0.069
10	16QAM	25	25	18.37	0.069	18.32	0.068	18.31	0.068
10	16QAM	50	0	18.38	0.069	18.30	0.068	18.29	0.067
10	64QAM	1	0	18.90	0.078	18.97	0.079	18.88	0.077
10	64QAM	1	25	18.83	0.076	18.94	0.078	18.82	0.076
10	64QAM	1	49	18.74	0.075	18.88	0.077	18.83	0.076
10	64QAM	25	0	17.88	0.061	17.98	0.063	17.88	0.061
10	64QAM	25	12	18.03	0.064	17.77	0.060	17.75	0.060
10	64QAM	25	25	17.95	0.062	17.89	0.062	17.82	0.061
10	64QAM	50	0	17.92	0.062	17.91	0.062	17.85	0.061



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	20.66	0.116	20.77	0.119	20.70	0.117
5	QPSK	1	12	20.54	0.113	20.51	0.112	20.56	0.114
5	QPSK	1	24	20.46	0.111	20.42	0.110	20.39	0.109
5	QPSK	12	0	19.70	0.093	19.78	0.095	19.71	0.094
5	QPSK	12	7	19.61	0.091	19.62	0.092	19.65	0.092
5	QPSK	12	13	19.50	0.089	19.56	0.090	19.59	0.091
5	QPSK	25	0	19.39	0.087	19.38	0.087	19.37	0.086
5	16QAM	1	0	19.77	0.095	19.76	0.095	19.74	0.094
5	16QAM	1	12	19.49	0.089	19.48	0.089	19.64	0.092
5	16QAM	1	24	19.43	0.088	19.40	0.087	19.38	0.087
5	16QAM	12	0	18.32	0.068	18.29	0.067	18.29	0.067
5	16QAM	12	7	18.28	0.067	18.30	0.068	18.26	0.067
5	16QAM	12	13	18.26	0.067	18.21	0.066	18.20	0.066
5	16QAM	25	0	18.27	0.067	18.19	0.066	18.18	0.066
5	64QAM	1	0	18.69	0.074	18.76	0.075	18.77	0.075
5	64QAM	1	12	18.72	0.074	18.73	0.075	18.71	0.074
5	64QAM	1	24	18.63	0.073	18.77	0.075	18.72	0.074
5	64QAM	12	0	17.77	0.060	17.87	0.061	17.77	0.060
5	64QAM	12	7	17.92	0.062	17.66	0.058	17.64	0.058
5	64QAM	12	13	17.84	0.061	17.78	0.060	17.71	0.059
5	64QAM	25	0	17.81	0.060	17.80	0.060	17.74	0.059



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	20.43	0.110	20.54	0.113	20.47	0.111
3	QPSK	1	8	20.31	0.107	20.28	0.107	20.33	0.108
3	QPSK	1	14	20.23	0.105	20.19	0.104	20.16	0.104
3	QPSK	8	0	19.47	0.089	19.55	0.090	19.48	0.089
3	QPSK	8	4	19.38	0.087	19.39	0.087	19.42	0.087
3	QPSK	8	7	19.27	0.085	19.33	0.086	19.36	0.086
3	QPSK	15	0	19.16	0.082	19.15	0.082	19.14	0.082
3	16QAM	1	0	19.54	0.090	19.53	0.090	19.51	0.089
3	16QAM	1	8	19.26	0.084	19.25	0.084	19.41	0.087
3	16QAM	1	14	19.20	0.083	19.17	0.083	19.15	0.082
3	16QAM	8	0	18.09	0.064	18.06	0.064	18.06	0.064
3	16QAM	8	4	18.05	0.064	18.07	0.064	18.03	0.064
3	16QAM	8	7	18.03	0.064	17.98	0.063	17.97	0.063
3	16QAM	15	0	18.04	0.064	17.96	0.063	17.95	0.062
3	64QAM	1	0	18.46	0.070	18.53	0.071	18.54	0.071
3	64QAM	1	8	18.49	0.071	18.50	0.071	18.48	0.070
3	64QAM	1	14	18.40	0.069	18.54	0.071	18.49	0.071
3	64QAM	8	0	17.54	0.057	17.64	0.058	17.54	0.057
3	64QAM	8	4	17.69	0.059	17.43	0.055	17.41	0.055
3	64QAM	8	7	17.61	0.058	17.55	0.057	17.48	0.056
3	64QAM	15	0	17.58	0.057	17.57	0.057	17.51	0.056



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	20.20	0.105	20.21	0.105	20.14	0.103
1.4	QPSK	1	3	20.18	0.104	20.15	0.104	20.20	0.105
1.4	QPSK	1	5	20.10	0.102	20.06	0.101	20.03	0.101
1.4	QPSK	3	0	19.34	0.086	19.42	0.087	19.35	0.086
1.4	QPSK	3	1	19.25	0.084	19.26	0.084	19.29	0.085
1.4	QPSK	3	3	19.14	0.082	19.20	0.083	19.23	0.084
1.4	QPSK	6	0	19.03	0.080	19.02	0.080	19.01	0.080
1.4	16QAM	1	0	19.41	0.087	19.40	0.087	19.38	0.087
1.4	16QAM	1	3	19.13	0.082	19.12	0.082	19.28	0.085
1.4	16QAM	1	5	19.07	0.081	19.04	0.080	19.02	0.080
1.4	16QAM	3	0	17.96	0.063	17.93	0.062	17.93	0.062
1.4	16QAM	3	1	17.92	0.062	17.94	0.062	17.90	0.062
1.4	16QAM	3	3	17.90	0.062	17.85	0.061	17.84	0.061
1.4	16QAM	6	0	17.91	0.062	17.83	0.061	17.82	0.061
1.4	64QAM	1	0	18.33	0.068	18.40	0.069	18.41	0.069
1.4	64QAM	1	3	18.36	0.069	18.37	0.069	18.35	0.068
1.4	64QAM	1	5	18.27	0.067	18.41	0.069	18.36	0.069
1.4	64QAM	3	0	17.41	0.055	17.51	0.056	17.41	0.055
1.4	64QAM	3	1	17.56	0.057	17.30	0.054	17.28	0.053
1.4	64QAM	3	3	17.48	0.056	17.42	0.055	17.35	0.054
1.4	64QAM	6	0	17.45	0.056	17.44	0.055	17.38	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				20050		20175		20300	
Frequency (MHz)				1720		1732.5		1745	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	17.32	0.054	17.38	0.055	17.35	0.054
20	QPSK	1	49	17.15	0.052	17.19	0.052	17.15	0.052
20	QPSK	1	99	17.03	0.050	17.00	0.050	17.07	0.051
20	QPSK	50	0	16.25	0.042	16.34	0.043	16.28	0.042
20	QPSK	50	24	16.18	0.041	16.23	0.042	16.05	0.040
20	QPSK	50	50	16.13	0.041	16.09	0.041	16.01	0.040
20	QPSK	100	0	16.08	0.041	16.04	0.040	16.06	0.040
20	16QAM	1	0	16.35	0.043	16.47	0.044	16.35	0.043
20	16QAM	1	49	16.28	0.042	16.35	0.043	16.25	0.042
20	16QAM	1	99	16.18	0.041	16.22	0.042	16.19	0.042
20	16QAM	50	0	15.52	0.036	15.51	0.036	15.44	0.035
20	16QAM	50	24	15.35	0.034	15.32	0.034	15.42	0.035
20	16QAM	50	50	15.22	0.033	15.39	0.035	15.25	0.033
20	16QAM	100	0	15.25	0.033	15.31	0.034	15.22	0.033
20	64QAM	1	0	15.43	0.035	15.40	0.035	15.45	0.035
20	64QAM	1	49	15.30	0.034	15.33	0.034	15.32	0.034
20	64QAM	1	99	15.22	0.033	15.25	0.033	15.27	0.034
20	64QAM	50	0	14.44	0.028	14.45	0.028	14.34	0.027
20	64QAM	50	24	14.32	0.027	14.33	0.027	14.25	0.027
20	64QAM	50	50	14.12	0.026	14.17	0.026	14.15	0.026
20	64QAM	100	0	14.24	0.027	14.25	0.027	14.22	0.026



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	17.25	0.053	17.28	0.053	17.23	0.053
15	QPSK	1	37	17.07	0.051	17.11	0.051	17.05	0.051
15	QPSK	1	74	16.93	0.049	16.90	0.049	16.97	0.050
15	QPSK	36	0	16.15	0.041	16.24	0.042	16.18	0.041
15	QPSK	36	20	16.08	0.041	16.13	0.041	15.95	0.039
15	QPSK	36	39	16.03	0.040	15.99	0.040	15.91	0.039
15	QPSK	75	0	15.98	0.040	15.94	0.039	15.96	0.039
15	16QAM	1	0	16.25	0.042	16.37	0.043	16.25	0.042
15	16QAM	1	37	16.18	0.041	16.25	0.042	16.15	0.041
15	16QAM	1	74	16.08	0.041	16.12	0.041	16.09	0.041
15	16QAM	36	0	15.42	0.035	15.41	0.035	15.34	0.034
15	16QAM	36	20	15.25	0.033	15.22	0.033	15.32	0.034
15	16QAM	36	39	15.12	0.033	15.29	0.034	15.15	0.033
15	16QAM	75	0	15.15	0.033	15.21	0.033	15.12	0.033
15	64QAM	1	0	15.33	0.034	15.30	0.034	15.35	0.034
15	64QAM	1	37	15.20	0.033	15.23	0.033	15.22	0.033
15	64QAM	1	74	15.12	0.033	15.15	0.033	15.17	0.033
15	64QAM	36	0	14.34	0.027	14.35	0.027	14.24	0.027
15	64QAM	36	20	14.22	0.026	14.23	0.026	14.15	0.026
15	64QAM	36	39	14.02	0.025	14.07	0.026	14.05	0.025
15	64QAM	75	0	14.14	0.026	14.15	0.026	14.12	0.026



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	17.13	0.052	17.16	0.052	17.11	0.051
10	QPSK	1	25	16.95	0.050	16.99	0.050	16.93	0.049
10	QPSK	1	49	16.81	0.048	16.78	0.048	16.85	0.048
10	QPSK	25	0	16.03	0.040	16.12	0.041	16.06	0.040
10	QPSK	25	12	15.96	0.039	16.01	0.040	15.83	0.038
10	QPSK	25	25	15.91	0.039	15.87	0.039	15.79	0.038
10	QPSK	50	0	15.86	0.039	15.82	0.038	15.84	0.038
10	16QAM	1	0	16.13	0.041	16.25	0.042	16.13	0.041
10	16QAM	1	25	16.06	0.040	16.13	0.041	16.03	0.040
10	16QAM	1	49	15.96	0.039	16.00	0.040	15.97	0.040
10	16QAM	25	0	15.30	0.034	15.29	0.034	15.22	0.033
10	16QAM	25	12	15.13	0.033	15.10	0.032	15.20	0.033
10	16QAM	25	25	15.00	0.032	15.17	0.033	15.03	0.032
10	16QAM	50	0	15.03	0.032	15.09	0.032	15.00	0.032
10	64QAM	1	0	15.21	0.033	15.18	0.033	15.23	0.033
10	64QAM	1	25	15.08	0.032	15.11	0.032	15.10	0.032
10	64QAM	1	49	15.00	0.032	15.03	0.032	15.05	0.032
10	64QAM	25	0	14.22	0.026	14.23	0.026	14.12	0.026
10	64QAM	25	12	14.10	0.026	14.11	0.026	14.03	0.025
10	64QAM	25	25	13.90	0.025	13.95	0.025	13.93	0.025
10	64QAM	50	0	14.02	0.025	14.03	0.025	13.94	0.025



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	17.00	0.050	17.03	0.050	16.98	0.050
5	QPSK	1	12	16.82	0.048	16.86	0.048	16.80	0.048
5	QPSK	1	24	16.68	0.047	16.65	0.046	16.72	0.047
5	QPSK	12	0	15.90	0.039	15.99	0.040	15.93	0.039
5	QPSK	12	7	15.83	0.038	15.88	0.039	15.70	0.037
5	QPSK	12	13	15.78	0.038	15.74	0.037	15.66	0.037
5	QPSK	25	0	15.73	0.037	15.69	0.037	15.71	0.037
5	16QAM	1	0	16.00	0.040	16.12	0.041	16.00	0.040
5	16QAM	1	12	15.93	0.039	16.00	0.040	15.90	0.039
5	16QAM	1	24	15.83	0.038	15.87	0.039	15.84	0.038
5	16QAM	12	0	15.17	0.033	15.16	0.033	15.09	0.032
5	16QAM	12	7	15.00	0.032	14.97	0.031	15.07	0.032
5	16QAM	12	13	14.87	0.031	15.04	0.032	14.90	0.031
5	16QAM	25	0	14.90	0.031	14.96	0.031	14.87	0.031
5	64QAM	1	0	15.08	0.032	15.05	0.032	15.10	0.032
5	64QAM	1	12	14.95	0.031	14.98	0.031	14.97	0.031
5	64QAM	1	24	14.87	0.031	14.90	0.031	14.92	0.031
5	64QAM	12	0	14.09	0.026	14.10	0.026	13.99	0.025
5	64QAM	12	7	13.97	0.025	13.98	0.025	13.90	0.025
5	64QAM	12	13	13.77	0.024	13.82	0.024	13.80	0.024
5	64QAM	25	0	14.01	0.025	14.02	0.025	13.99	0.025



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	16.89	0.049	16.92	0.049	16.87	0.049
3	QPSK	1	8	16.71	0.047	16.75	0.047	16.69	0.047
3	QPSK	1	14	16.57	0.045	16.54	0.045	16.61	0.046
3	QPSK	8	0	15.79	0.038	15.88	0.039	15.82	0.038
3	QPSK	8	4	15.72	0.037	15.77	0.038	15.59	0.036
3	QPSK	8	7	15.67	0.037	15.63	0.037	15.55	0.036
3	QPSK	15	0	15.62	0.036	15.58	0.036	15.60	0.036
3	16QAM	1	0	15.89	0.039	16.01	0.040	15.89	0.039
3	16QAM	1	8	15.82	0.038	15.89	0.039	15.79	0.038
3	16QAM	1	14	15.72	0.037	15.76	0.038	15.73	0.037
3	16QAM	8	0	15.06	0.032	15.05	0.032	14.98	0.031
3	16QAM	8	4	14.89	0.031	14.86	0.031	14.96	0.031
3	16QAM	8	7	14.76	0.030	14.93	0.031	14.79	0.030
3	16QAM	15	0	14.79	0.030	14.85	0.031	14.76	0.030
3	64QAM	1	0	14.97	0.031	14.94	0.031	14.99	0.032
3	64QAM	1	8	14.84	0.030	14.87	0.031	14.86	0.031
3	64QAM	1	14	14.76	0.030	14.79	0.030	14.81	0.030
3	64QAM	8	0	13.98	0.025	13.99	0.025	13.88	0.024
3	64QAM	8	4	13.86	0.024	13.87	0.024	13.79	0.024
3	64QAM	8	7	13.66	0.023	13.71	0.023	13.69	0.023
3	64QAM	15	0	13.90	0.025	13.91	0.025	13.88	0.024



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	16.76	0.047	16.79	0.048	16.74	0.047
1.4	QPSK	1	3	16.58	0.046	16.62	0.046	16.56	0.045
1.4	QPSK	1	5	16.44	0.044	16.41	0.044	16.48	0.045
1.4	QPSK	3	0	15.66	0.037	15.75	0.038	15.69	0.037
1.4	QPSK	3	1	15.59	0.036	15.65	0.037	15.46	0.035
1.4	QPSK	3	3	15.54	0.036	15.50	0.036	15.42	0.035
1.4	QPSK	6	0	15.49	0.035	15.45	0.035	15.47	0.035
1.4	16QAM	1	0	15.76	0.038	15.88	0.039	15.76	0.038
1.4	16QAM	1	3	15.69	0.037	15.76	0.038	15.66	0.037
1.4	16QAM	1	5	15.59	0.036	15.63	0.037	15.60	0.036
1.4	16QAM	3	0	14.93	0.031	14.92	0.031	14.85	0.031
1.4	16QAM	3	1	14.76	0.030	14.73	0.030	14.83	0.030
1.4	16QAM	3	3	14.63	0.029	14.80	0.030	14.66	0.029
1.4	16QAM	6	0	14.66	0.029	14.72	0.030	14.63	0.029
1.4	64QAM	1	0	14.84	0.031	14.81	0.030	14.86	0.031
1.4	64QAM	1	3	14.71	0.030	14.74	0.030	14.73	0.030
1.4	64QAM	1	5	14.63	0.029	14.66	0.029	14.68	0.029
1.4	64QAM	3	0	13.85	0.024	13.86	0.024	13.75	0.024
1.4	64QAM	3	1	13.73	0.024	13.74	0.024	13.66	0.023
1.4	64QAM	3	3	13.53	0.023	13.58	0.023	13.56	0.023
1.4	64QAM	6	0	13.78	0.024	13.79	0.024	13.76	0.024



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	15.95	0.039	15.96	0.039	15.93	0.039
10	QPSK	1	25	15.84	0.038	15.80	0.038	15.82	0.038
10	QPSK	1	49	15.65	0.037	15.73	0.037	15.66	0.037
10	QPSK	25	0	14.89	0.031	14.95	0.031	14.87	0.031
10	QPSK	25	12	14.85	0.031	14.88	0.031	14.81	0.030
10	QPSK	25	25	14.74	0.030	14.73	0.030	14.75	0.030
10	QPSK	50	0	14.75	0.030	14.83	0.030	14.75	0.030
10	16QAM	1	0	14.90	0.031	14.99	0.032	14.94	0.031
10	16QAM	1	25	14.75	0.030	14.80	0.030	14.77	0.030
10	16QAM	1	49	14.75	0.030	14.78	0.030	14.87	0.031
10	16QAM	25	0	13.96	0.025	13.92	0.025	13.91	0.025
10	16QAM	25	12	13.77	0.024	13.82	0.024	13.84	0.024
10	16QAM	25	25	13.87	0.024	13.91	0.025	13.81	0.024
10	16QAM	50	0	13.80	0.024	13.91	0.025	13.77	0.024
10	64QAM	1	0	13.82	0.024	13.89	0.024	13.89	0.024
10	64QAM	1	25	13.91	0.025	14.02	0.025	14.20	0.026
10	64QAM	1	49	13.77	0.024	13.85	0.024	13.83	0.024
10	64QAM	25	0	12.87	0.019	12.79	0.019	12.89	0.019
10	64QAM	25	12	12.96	0.020	12.92	0.020	12.95	0.020
10	64QAM	25	25	12.96	0.020	12.93	0.020	12.82	0.019
10	64QAM	50	0	12.96	0.020	12.86	0.019	12.93	0.020



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	15.73	0.037	15.78	0.038	15.70	0.037
5	QPSK	1	12	15.62	0.036	15.68	0.037	15.60	0.036
5	QPSK	1	24	15.53	0.036	15.61	0.036	15.51	0.036
5	QPSK	12	0	14.77	0.030	14.83	0.030	14.75	0.030
5	QPSK	12	7	14.73	0.030	14.76	0.030	14.69	0.029
5	QPSK	12	13	14.62	0.029	14.61	0.029	14.63	0.029
5	QPSK	25	0	14.63	0.029	14.71	0.030	14.63	0.029
5	16QAM	1	0	14.58	0.029	14.67	0.029	14.62	0.029
5	16QAM	1	12	14.63	0.029	14.62	0.029	14.65	0.029
5	16QAM	1	24	14.63	0.029	14.66	0.029	14.88	0.031
5	16QAM	12	0	13.84	0.024	13.80	0.024	13.79	0.024
5	16QAM	12	7	13.65	0.023	13.70	0.023	13.72	0.024
5	16QAM	12	13	13.75	0.024	13.79	0.024	13.69	0.023
5	16QAM	25	0	13.68	0.023	13.79	0.024	13.65	0.023
5	64QAM	1	0	13.70	0.023	13.77	0.024	13.77	0.024
5	64QAM	1	12	13.79	0.024	13.90	0.025	14.08	0.026
5	64QAM	1	24	13.65	0.023	13.73	0.024	13.71	0.023
5	64QAM	12	0	12.75	0.019	12.67	0.018	12.77	0.019
5	64QAM	12	7	12.84	0.019	12.80	0.019	12.83	0.019
5	64QAM	12	13	12.84	0.019	12.81	0.019	12.70	0.019
5	64QAM	25	0	12.84	0.019	12.74	0.019	12.81	0.019



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	15.62	0.036	15.67	0.037	15.59	0.036
3	QPSK	1	8	15.51	0.036	15.57	0.036	15.49	0.035
3	QPSK	1	14	15.42	0.035	15.50	0.035	15.40	0.035
3	QPSK	8	0	14.66	0.029	14.72	0.030	14.64	0.029
3	QPSK	8	4	14.62	0.029	14.65	0.029	14.58	0.029
3	QPSK	8	7	14.51	0.028	14.50	0.028	14.52	0.028
3	QPSK	15	0	14.52	0.028	14.60	0.029	14.52	0.028
3	16QAM	1	0	14.47	0.028	14.56	0.029	14.51	0.028
3	16QAM	1	8	14.52	0.028	14.51	0.028	14.54	0.028
3	16QAM	1	14	14.52	0.028	14.55	0.029	14.77	0.030
3	16QAM	8	0	13.73	0.024	13.69	0.023	13.68	0.023
3	16QAM	8	4	13.54	0.023	13.59	0.023	13.61	0.023
3	16QAM	8	7	13.64	0.023	13.68	0.023	13.58	0.023
3	16QAM	15	0	13.57	0.023	13.68	0.023	13.54	0.023
3	64QAM	1	0	13.59	0.023	13.66	0.023	13.66	0.023
3	64QAM	1	8	13.68	0.023	13.79	0.024	13.97	0.025
3	64QAM	1	14	13.54	0.023	13.62	0.023	13.60	0.023
3	64QAM	8	0	12.64	0.018	12.56	0.018	12.66	0.018
3	64QAM	8	4	12.73	0.019	12.69	0.019	12.72	0.019
3	64QAM	8	7	12.73	0.019	12.70	0.019	12.59	0.018
3	64QAM	15	0	12.73	0.019	12.63	0.018	12.70	0.019



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	15.52	0.036	15.57	0.036	15.49	0.035
1.4	QPSK	1	3	15.41	0.035	15.47	0.035	15.39	0.035
1.4	QPSK	1	5	15.32	0.034	15.40	0.035	15.30	0.034
1.4	QPSK	3	0	14.56	0.029	14.62	0.029	14.54	0.028
1.4	QPSK	3	1	14.52	0.028	14.55	0.029	14.48	0.028
1.4	QPSK	3	3	14.41	0.028	14.40	0.028	14.42	0.028
1.4	QPSK	6	0	14.42	0.028	14.50	0.028	14.42	0.028
1.4	16QAM	1	0	14.37	0.027	14.46	0.028	14.41	0.028
1.4	16QAM	1	3	14.42	0.028	14.41	0.028	14.44	0.028
1.4	16QAM	1	5	14.42	0.028	14.45	0.028	14.67	0.029
1.4	16QAM	3	0	13.63	0.023	13.59	0.023	13.58	0.023
1.4	16QAM	3	1	13.44	0.022	13.49	0.022	13.51	0.022
1.4	16QAM	3	3	13.54	0.023	13.58	0.023	13.48	0.022
1.4	16QAM	6	0	13.47	0.022	13.58	0.023	13.44	0.022
1.4	64QAM	1	0	13.49	0.022	13.56	0.023	13.56	0.023
1.4	64QAM	1	3	13.58	0.023	13.69	0.023	13.87	0.024
1.4	64QAM	1	5	13.44	0.022	13.52	0.022	13.50	0.022
1.4	64QAM	3	0	12.54	0.018	12.46	0.018	12.56	0.018
1.4	64QAM	3	1	12.63	0.018	12.59	0.018	12.62	0.018
1.4	64QAM	3	3	12.63	0.018	12.60	0.018	12.49	0.018
1.4	64QAM	6	0	12.63	0.018	12.53	0.018	12.60	0.018



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	20.44	0.111	20.50	0.112	20.33	0.108
20	QPSK	1	49	20.32	0.108	20.37	0.109	20.28	0.107
20	QPSK	1	99	20.20	0.105	20.26	0.106	20.13	0.103
20	QPSK	50	0	19.64	0.092	19.66	0.092	19.60	0.091
20	QPSK	50	24	19.59	0.091	19.53	0.090	19.47	0.089
20	QPSK	50	50	19.41	0.087	19.43	0.088	19.44	0.088
20	QPSK	100	0	19.27	0.085	19.31	0.085	19.34	0.086
20	16QAM	1	0	19.61	0.091	19.59	0.091	19.60	0.091
20	16QAM	1	49	19.52	0.090	19.50	0.089	19.62	0.092
20	16QAM	1	99	19.51	0.089	19.56	0.090	19.58	0.091
20	16QAM	50	0	18.62	0.073	18.60	0.072	18.69	0.074
20	16QAM	50	24	18.74	0.075	18.60	0.072	18.72	0.075
20	16QAM	50	50	18.65	0.073	18.79	0.076	18.69	0.074
20	16QAM	100	0	18.83	0.076	18.69	0.074	18.71	0.074
20	64QAM	1	0	18.50	0.071	18.67	0.074	18.77	0.075
20	64QAM	1	49	18.69	0.074	18.80	0.076	18.98	0.079
20	64QAM	1	99	18.55	0.072	18.93	0.078	18.81	0.076
20	64QAM	50	0	17.65	0.058	17.57	0.057	17.67	0.059
20	64QAM	50	24	17.74	0.059	17.70	0.059	17.73	0.059
20	64QAM	50	50	17.74	0.059	17.71	0.059	17.60	0.058
20	64QAM	100	0	17.74	0.059	17.64	0.058	17.71	0.059



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	20.34	0.108	20.40	0.110	20.23	0.105
15	QPSK	1	37	20.22	0.105	20.27	0.106	20.18	0.104
15	QPSK	1	74	20.10	0.102	20.16	0.104	20.03	0.101
15	QPSK	36	0	19.54	0.090	19.56	0.090	19.50	0.089
15	QPSK	36	20	19.49	0.089	19.43	0.088	19.37	0.086
15	QPSK	36	39	19.31	0.085	19.33	0.086	19.34	0.086
15	QPSK	75	0	19.17	0.083	19.21	0.083	19.24	0.084
15	16QAM	1	0	19.51	0.089	19.49	0.089	19.50	0.089
15	16QAM	1	37	19.42	0.087	19.40	0.087	19.52	0.090
15	16QAM	1	74	19.41	0.087	19.46	0.088	19.48	0.089
15	16QAM	36	0	18.52	0.071	18.50	0.071	18.59	0.072
15	16QAM	36	20	18.64	0.073	18.50	0.071	18.62	0.073
15	16QAM	36	39	18.55	0.072	18.69	0.074	18.59	0.072
15	16QAM	75	0	18.73	0.075	18.59	0.072	18.61	0.073
15	64QAM	1	0	18.40	0.069	18.57	0.072	18.67	0.074
15	64QAM	1	37	18.59	0.072	18.70	0.074	18.88	0.077
15	64QAM	1	74	18.45	0.070	18.83	0.076	18.71	0.074
15	64QAM	36	0	17.55	0.057	17.47	0.056	17.57	0.057
15	64QAM	36	20	17.64	0.058	17.60	0.058	17.63	0.058
15	64QAM	36	39	17.64	0.058	17.61	0.058	17.50	0.056
15	64QAM	75	0	17.64	0.058	17.54	0.057	17.61	0.058



LTE Band 7				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20800		21100		21400	
Frequency (MHz)				2505		2535		2565	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	20.22	0.105	20.28	0.107	20.11	0.103
10	QPSK	1	25	20.10	0.102	20.15	0.104	20.06	0.101
10	QPSK	1	49	19.98	0.100	20.04	0.101	19.91	0.098
10	QPSK	25	0	19.42	0.087	19.44	0.088	19.38	0.087
10	QPSK	25	12	19.37	0.086	19.31	0.085	19.25	0.084
10	QPSK	25	25	19.19	0.083	19.21	0.083	19.22	0.084
10	QPSK	50	0	19.05	0.080	19.09	0.081	19.12	0.082
10	16QAM	1	0	19.39	0.087	19.37	0.086	19.38	0.087
10	16QAM	1	25	19.30	0.085	19.28	0.085	19.40	0.087
10	16QAM	1	49	19.29	0.085	19.34	0.086	19.36	0.086
10	16QAM	25	0	18.40	0.069	18.38	0.069	18.47	0.070
10	16QAM	25	12	18.52	0.071	18.38	0.069	18.50	0.071
10	16QAM	25	25	18.43	0.070	18.57	0.072	18.47	0.070
10	16QAM	50	0	18.61	0.073	18.47	0.070	18.49	0.071
10	64QAM	1	0	18.28	0.067	18.45	0.070	18.55	0.072
10	64QAM	1	25	18.47	0.070	18.58	0.072	18.76	0.075
10	64QAM	1	49	18.33	0.068	18.71	0.074	18.59	0.072
10	64QAM	25	0	17.43	0.055	17.35	0.054	17.45	0.056
10	64QAM	25	12	17.52	0.057	17.48	0.056	17.51	0.056
10	64QAM	25	25	17.52	0.057	17.49	0.056	17.38	0.055
10	64QAM	50	0	17.52	0.057	17.42	0.055	17.49	0.056



LTE Band 7				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20775		21100		21425	
Frequency (MHz)				2502.5		2535		2567.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	20.11	0.103	20.17	0.104	20.00	0.100
5	QPSK	1	12	19.99	0.100	20.04	0.101	19.95	0.099
5	QPSK	1	24	19.87	0.097	19.93	0.098	19.80	0.095
5	QPSK	12	0	19.31	0.085	19.33	0.086	19.27	0.085
5	QPSK	12	7	19.26	0.084	19.20	0.083	19.14	0.082
5	QPSK	12	13	19.08	0.081	19.10	0.081	19.11	0.081
5	QPSK	25	0	18.94	0.078	18.98	0.079	19.01	0.080
5	16QAM	1	0	19.28	0.085	19.26	0.084	19.27	0.085
5	16QAM	1	12	19.19	0.083	19.17	0.083	19.29	0.085
5	16QAM	1	24	19.18	0.083	19.23	0.084	19.25	0.084
5	16QAM	12	0	18.29	0.067	18.27	0.067	18.36	0.069
5	16QAM	12	7	18.41	0.069	18.27	0.067	18.39	0.069
5	16QAM	12	13	18.32	0.068	18.46	0.070	18.36	0.069
5	16QAM	25	0	18.50	0.071	18.36	0.069	18.38	0.069
5	64QAM	1	0	18.17	0.066	18.34	0.068	18.44	0.070
5	64QAM	1	12	18.36	0.069	18.47	0.070	18.65	0.073
5	64QAM	1	24	18.22	0.066	18.60	0.072	18.48	0.071
5	64QAM	12	0	17.32	0.054	17.24	0.053	17.34	0.054
5	64QAM	12	7	17.41	0.055	17.37	0.055	17.40	0.055
5	64QAM	12	13	17.41	0.055	17.38	0.055	17.27	0.053
5	64QAM	25	0	17.41	0.055	17.31	0.054	17.38	0.055



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	14.21	0.026	14.26	0.027	14.17	0.026
10	QPSK	1	25	14.10	0.026	14.01	0.025	14.08	0.026
10	QPSK	1	49	14.00	0.025	14.04	0.025	13.96	0.025
10	QPSK	25	0	13.14	0.021	13.19	0.021	13.18	0.021
10	QPSK	25	12	13.07	0.020	13.19	0.021	13.06	0.020
10	QPSK	25	25	13.02	0.020	13.00	0.020	13.01	0.020
10	QPSK	50	0	12.91	0.020	12.90	0.019	12.94	0.020
10	16QAM	1	0	13.46	0.022	13.56	0.023	13.53	0.023
10	16QAM	1	25	13.50	0.022	13.47	0.022	13.35	0.022
10	16QAM	1	49	13.41	0.022	13.38	0.022	13.26	0.021
10	16QAM	25	0	12.11	0.016	12.16	0.016	12.21	0.017
10	16QAM	25	12	12.05	0.016	12.07	0.016	12.09	0.016
10	16QAM	25	25	11.98	0.016	11.96	0.016	12.00	0.016
10	16QAM	50	0	11.90	0.015	11.91	0.016	11.93	0.016
10	64QAM	1	0	12.37	0.017	12.31	0.017	12.40	0.017
10	64QAM	1	25	12.32	0.017	12.23	0.017	12.27	0.017
10	64QAM	1	49	12.16	0.016	12.18	0.017	12.21	0.017
10	64QAM	25	0	11.14	0.013	11.17	0.013	11.19	0.013
10	64QAM	25	12	11.06	0.013	11.08	0.013	11.10	0.013
10	64QAM	25	25	11.00	0.013	11.03	0.013	11.07	0.013
10	64QAM	50	0	10.98	0.013	11.01	0.013	11.00	0.013



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	14.09	0.026	14.16	0.026	14.01	0.025
5	QPSK	1	12	13.94	0.025	13.95	0.025	13.92	0.025
5	QPSK	1	24	13.86	0.024	13.89	0.024	13.81	0.024
5	QPSK	12	0	13.03	0.020	12.98	0.020	13.02	0.020
5	QPSK	12	7	13.00	0.020	12.95	0.020	12.99	0.020
5	QPSK	12	13	12.94	0.020	12.90	0.019	12.95	0.020
5	QPSK	25	0	12.86	0.019	12.83	0.019	12.87	0.019
5	16QAM	1	0	13.53	0.023	13.50	0.022	13.47	0.022
5	16QAM	1	12	13.44	0.022	13.41	0.022	13.29	0.021
5	16QAM	1	24	13.35	0.022	13.32	0.021	13.20	0.021
5	16QAM	12	0	12.05	0.016	12.10	0.016	12.15	0.016
5	16QAM	12	7	11.99	0.016	12.01	0.016	12.03	0.016
5	16QAM	12	13	11.92	0.016	11.90	0.015	11.94	0.016
5	16QAM	25	0	11.84	0.015	11.85	0.015	11.87	0.015
5	64QAM	1	0	12.31	0.017	12.25	0.017	12.34	0.017
5	64QAM	1	12	12.26	0.017	12.17	0.016	12.21	0.017
5	64QAM	1	24	12.10	0.016	12.12	0.016	12.15	0.016
5	64QAM	12	0	11.08	0.013	11.11	0.013	11.13	0.013
5	64QAM	12	7	11.00	0.013	11.02	0.013	11.04	0.013
5	64QAM	12	13	10.94	0.012	10.97	0.013	11.01	0.013
5	64QAM	25	0	10.92	0.012	10.95	0.012	10.94	0.012



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	14.03	0.025	14.10	0.026	13.95	0.025
3	QPSK	1	8	13.88	0.024	13.89	0.024	13.86	0.024
3	QPSK	1	14	13.80	0.024	13.83	0.024	13.75	0.024
3	QPSK	8	0	12.97	0.020	12.92	0.020	12.96	0.020
3	QPSK	8	4	12.94	0.020	12.89	0.019	12.93	0.020
3	QPSK	8	7	12.88	0.019	12.84	0.019	12.89	0.019
3	QPSK	15	0	12.80	0.019	12.77	0.019	12.81	0.019
3	16QAM	1	0	13.47	0.022	13.44	0.022	13.41	0.022
3	16QAM	1	8	13.38	0.022	13.35	0.022	13.23	0.021
3	16QAM	1	14	13.29	0.021	13.26	0.021	13.14	0.021
3	16QAM	8	0	11.99	0.016	12.04	0.016	12.09	0.016
3	16QAM	8	4	11.93	0.016	11.95	0.016	11.97	0.016
3	16QAM	8	7	11.86	0.015	11.84	0.015	11.88	0.015
3	16QAM	15	0	11.78	0.015	11.79	0.015	11.81	0.015
3	64QAM	1	0	12.25	0.017	12.19	0.017	12.28	0.017
3	64QAM	1	8	12.20	0.017	12.11	0.016	12.15	0.016
3	64QAM	1	14	12.04	0.016	12.06	0.016	12.09	0.016
3	64QAM	8	0	11.02	0.013	11.05	0.013	11.07	0.013
3	64QAM	8	4	10.94	0.012	10.96	0.012	10.98	0.013
3	64QAM	8	7	10.88	0.012	10.91	0.012	10.95	0.012
3	64QAM	15	0	10.86	0.012	10.89	0.012	10.88	0.012



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	13.99	0.025	14.06	0.025	13.91	0.025
1.4	QPSK	1	3	13.84	0.024	13.85	0.024	13.82	0.024
1.4	QPSK	1	5	13.76	0.024	13.79	0.024	13.71	0.023
1.4	QPSK	3	0	12.93	0.020	12.88	0.019	12.92	0.020
1.4	QPSK	3	1	12.90	0.019	12.85	0.019	12.89	0.019
1.4	QPSK	3	3	12.84	0.019	12.80	0.019	12.85	0.019
1.4	QPSK	6	0	12.76	0.019	12.73	0.019	12.77	0.019
1.4	16QAM	1	0	13.43	0.022	13.40	0.022	13.37	0.022
1.4	16QAM	1	3	13.34	0.022	13.31	0.021	13.19	0.021
1.4	16QAM	1	5	13.25	0.021	13.22	0.021	13.10	0.020
1.4	16QAM	3	0	11.95	0.016	12.00	0.016	12.05	0.016
1.4	16QAM	3	1	11.89	0.015	11.91	0.016	11.93	0.016
1.4	16QAM	3	3	11.82	0.015	11.80	0.015	11.84	0.015
1.4	16QAM	6	0	11.74	0.015	11.75	0.015	11.77	0.015
1.4	64QAM	1	0	12.21	0.017	12.15	0.016	12.24	0.017
1.4	64QAM	1	3	12.16	0.016	12.07	0.016	12.11	0.016
1.4	64QAM	1	5	12.00	0.016	12.02	0.016	12.05	0.016
1.4	64QAM	3	0	10.98	0.013	11.01	0.013	11.03	0.013
1.4	64QAM	3	1	10.90	0.012	10.92	0.012	10.94	0.012
1.4	64QAM	3	3	10.84	0.012	10.87	0.012	10.91	0.012
1.4	64QAM	6	0	10.82	0.012	10.85	0.012	10.84	0.012



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	14.07	0.026	14.19	0.026	14.08	0.026
10	QPSK	1	25	13.95	0.025	14.01	0.025	13.99	0.025
10	QPSK	1	49	13.88	0.024	13.91	0.025	13.86	0.024
10	QPSK	25	0	13.07	0.020	13.09	0.020	13.07	0.020
10	QPSK	25	12	13.00	0.020	12.98	0.020	12.95	0.020
10	QPSK	25	25	12.96	0.020	12.92	0.020	12.91	0.020
10	QPSK	50	0	12.93	0.020	12.89	0.019	12.87	0.019
10	16QAM	1	0	13.63	0.023	13.52	0.022	13.51	0.022
10	16QAM	1	25	13.51	0.022	13.47	0.022	13.43	0.022
10	16QAM	1	49	13.37	0.022	13.40	0.022	13.35	0.022
10	16QAM	25	0	12.10	0.016	12.07	0.016	12.05	0.016
10	16QAM	25	12	12.01	0.016	12.03	0.016	12.00	0.016
10	16QAM	25	25	11.96	0.016	11.99	0.016	11.97	0.016
10	16QAM	50	0	11.90	0.015	11.93	0.016	11.88	0.015
10	64QAM	1	0	13.65	0.023	13.42	0.022	13.65	0.023
10	64QAM	1	25	13.52	0.022	13.39	0.022	13.47	0.022
10	64QAM	1	49	13.37	0.022	13.25	0.021	13.25	0.021
10	64QAM	25	0	12.06	0.016	12.04	0.016	12.03	0.016
10	64QAM	25	12	11.98	0.016	11.97	0.016	11.91	0.016
10	64QAM	25	25	11.92	0.016	11.88	0.015	11.83	0.015
10	64QAM	50	0	11.79	0.015	11.80	0.015	11.71	0.015



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	14.03	0.025	14.08	0.026	14.04	0.025
5	QPSK	1	12	13.91	0.025	13.97	0.025	13.95	0.025
5	QPSK	1	24	13.84	0.024	13.87	0.024	13.82	0.024
5	QPSK	12	0	13.05	0.020	13.01	0.020	12.95	0.020
5	QPSK	12	7	12.96	0.020	12.94	0.020	12.91	0.020
5	QPSK	12	13	12.92	0.020	12.88	0.019	12.87	0.019
5	QPSK	25	0	12.89	0.019	12.85	0.019	12.83	0.019
5	16QAM	1	0	13.59	0.023	13.48	0.022	13.47	0.022
5	16QAM	1	12	13.47	0.022	13.43	0.022	13.39	0.022
5	16QAM	1	24	13.33	0.022	13.36	0.022	13.31	0.021
5	16QAM	12	0	12.06	0.016	12.03	0.016	12.01	0.016
5	16QAM	12	7	11.97	0.016	11.99	0.016	11.96	0.016
5	16QAM	12	13	11.92	0.016	11.95	0.016	11.93	0.016
5	16QAM	25	0	11.86	0.015	11.89	0.015	11.84	0.015
5	64QAM	1	0	13.61	0.023	13.38	0.022	13.61	0.023
5	64QAM	1	12	13.48	0.022	13.35	0.022	13.43	0.022
5	64QAM	1	24	13.33	0.022	13.21	0.021	13.21	0.021
5	64QAM	12	0	12.02	0.016	12.00	0.016	11.99	0.016
5	64QAM	12	7	11.94	0.016	11.93	0.016	11.87	0.015
5	64QAM	12	13	11.88	0.015	11.84	0.015	11.79	0.015
5	64QAM	25	0	11.75	0.015	11.76	0.015	11.67	0.015



LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26865		26915		26965	
Frequency (MHz)				831.5		836.5		841.5	
				dbm	W	dbm	W	dbm	W
15	QPSK	1	0	15.70	0.037	15.62	0.036	15.63	0.037
15	QPSK	1	37	15.47	0.035	15.38	0.035	15.40	0.035
15	QPSK	1	74	15.33	0.034	15.23	0.033	15.32	0.034
15	QPSK	36	0	14.73	0.030	14.67	0.029	14.65	0.029
15	QPSK	36	20	14.68	0.029	14.60	0.029	14.64	0.029
15	QPSK	36	39	14.62	0.029	14.59	0.029	14.58	0.029
15	QPSK	75	0	14.69	0.029	14.64	0.029	14.68	0.029
15	16QAM	1	0	15.09	0.032	15.03	0.032	14.89	0.031
15	16QAM	1	37	14.96	0.031	14.90	0.031	14.86	0.031
15	16QAM	1	74	14.83	0.030	14.73	0.030	14.81	0.030
15	16QAM	36	0	13.74	0.024	13.68	0.023	13.70	0.023
15	16QAM	36	20	13.70	0.023	13.65	0.023	13.66	0.023
15	16QAM	36	39	13.67	0.023	13.60	0.023	13.74	0.024
15	16QAM	75	0	13.72	0.024	13.62	0.023	13.70	0.023
15	64QAM	1	0	14.00	0.025	13.94	0.025	13.95	0.025
15	64QAM	1	37	13.86	0.024	13.81	0.024	13.90	0.025
15	64QAM	1	74	13.99	0.025	13.90	0.025	13.96	0.025
15	64QAM	36	0	12.90	0.019	12.85	0.019	12.89	0.019
15	64QAM	36	20	12.76	0.019	12.72	0.019	12.76	0.019
15	64QAM	36	39	12.70	0.019	12.66	0.018	12.76	0.019
15	64QAM	75	0	12.76	0.019	12.75	0.019	12.81	0.019



LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26840		26915		26990	
Frequency (MHz)				829.0		836.5		844.0	
				dbm	W	dbm	W	dbm	W
10	QPSK	1	0	15.46	0.035	15.50	0.035	15.52	0.036
10	QPSK	1	25	15.28	0.034	15.22	0.033	15.29	0.034
10	QPSK	1	49	15.13	0.033	15.11	0.032	15.21	0.033
10	QPSK	25	0	14.48	0.028	14.45	0.028	14.54	0.028
10	QPSK	25	12	14.46	0.028	14.43	0.028	14.53	0.028
10	QPSK	25	25	14.39	0.027	14.44	0.028	14.47	0.028
10	QPSK	50	0	14.51	0.028	14.54	0.028	14.57	0.029
10	16QAM	1	0	14.75	0.030	14.72	0.030	14.78	0.030
10	16QAM	1	25	14.70	0.030	14.73	0.030	14.75	0.030
10	16QAM	1	49	14.66	0.029	14.60	0.029	14.70	0.030
10	16QAM	25	0	13.51	0.022	13.54	0.023	13.59	0.023
10	16QAM	25	12	13.48	0.022	13.47	0.022	13.55	0.023
10	16QAM	25	25	13.59	0.023	13.56	0.023	13.63	0.023
10	16QAM	50	0	13.53	0.023	13.49	0.022	13.59	0.023
10	64QAM	1	0	13.83	0.024	13.77	0.024	13.84	0.024
10	64QAM	1	25	13.76	0.024	13.76	0.024	13.79	0.024
10	64QAM	1	49	13.82	0.024	13.77	0.024	13.85	0.024
10	64QAM	25	0	12.77	0.019	12.69	0.019	12.78	0.019
10	64QAM	25	12	12.63	0.018	12.59	0.018	12.65	0.018
10	64QAM	25	25	12.59	0.018	12.58	0.018	12.65	0.018
10	64QAM	50	0	12.64	0.018	12.64	0.018	12.70	0.019



LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26815		26915		27015	
Frequency (MHz)				826.5		836.5		846.5	
				dbm	W	dbm	W	dbm	W
5	QPSK	1	0	15.35	0.034	15.33	0.034	15.39	0.035
5	QPSK	1	12	15.07	0.032	15.06	0.032	15.16	0.033
5	QPSK	1	24	15.00	0.032	15.04	0.032	15.08	0.032
5	QPSK	12	0	14.31	0.027	14.34	0.027	14.41	0.028
5	QPSK	12	7	14.39	0.027	14.34	0.027	14.40	0.028
5	QPSK	12	13	14.32	0.027	14.33	0.027	14.34	0.027
5	QPSK	25	0	14.40	0.028	14.39	0.027	14.44	0.028
5	16QAM	1	0	14.59	0.029	14.61	0.029	14.65	0.029
5	16QAM	1	12	14.53	0.028	14.58	0.029	14.62	0.029
5	16QAM	1	24	14.54	0.028	14.51	0.028	14.57	0.029
5	16QAM	12	0	13.43	0.022	13.44	0.022	13.46	0.022
5	16QAM	12	7	13.35	0.022	13.40	0.022	13.42	0.022
5	16QAM	12	13	13.42	0.022	13.40	0.022	13.50	0.022
5	16QAM	25	0	13.44	0.022	13.44	0.022	13.46	0.022
5	64QAM	1	0	13.68	0.023	13.69	0.023	13.71	0.023
5	64QAM	1	12	13.62	0.023	13.59	0.023	13.66	0.023
5	64QAM	1	24	13.64	0.023	13.64	0.023	13.72	0.024
5	64QAM	12	0	12.63	0.018	12.64	0.018	12.65	0.018
5	64QAM	12	7	12.44	0.018	12.43	0.017	12.52	0.018
5	64QAM	12	13	12.42	0.017	12.42	0.017	12.52	0.018
5	64QAM	25	0	12.47	0.018	12.51	0.018	12.57	0.018



LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26805		26915		27025	
Frequency (MHz)				825.5		836.5		847.5	
				dbm	W	dbm	W	dbm	W
3	QPSK	1	0	15.24	0.033	15.24	0.033	15.27	0.034
3	QPSK	1	8	14.96	0.031	15.00	0.032	15.04	0.032
3	QPSK	1	14	14.86	0.031	14.93	0.031	14.96	0.031
3	QPSK	8	0	14.22	0.026	14.20	0.026	14.29	0.027
3	QPSK	8	4	14.27	0.027	14.20	0.026	14.28	0.027
3	QPSK	8	7	14.15	0.026	14.14	0.026	14.22	0.026
3	QPSK	15	0	14.28	0.027	14.23	0.026	14.32	0.027
3	16QAM	1	0	14.48	0.028	14.45	0.028	14.53	0.028
3	16QAM	1	8	14.48	0.028	14.45	0.028	14.50	0.028
3	16QAM	1	14	14.37	0.027	14.41	0.028	14.45	0.028
3	16QAM	8	0	13.28	0.021	13.24	0.021	13.34	0.022
3	16QAM	8	4	13.27	0.021	13.24	0.021	13.30	0.021
3	16QAM	8	7	13.34	0.022	13.33	0.022	13.38	0.022
3	16QAM	15	0	13.33	0.022	13.26	0.021	13.34	0.022
3	64QAM	1	0	13.51	0.022	13.50	0.022	13.59	0.023
3	64QAM	1	8	13.51	0.022	13.50	0.022	13.54	0.023
3	64QAM	1	14	13.55	0.023	13.50	0.022	13.60	0.023
3	64QAM	8	0	12.48	0.018	12.45	0.018	12.53	0.018
3	64QAM	8	4	12.31	0.017	12.30	0.017	12.40	0.017
3	64QAM	8	7	12.32	0.017	12.31	0.017	12.40	0.017
3	64QAM	15	0	12.40	0.017	12.40	0.017	12.45	0.018



LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26797		26915		27033	
Frequency (MHz)				824.7		836.5		848.3	
				dbm	W	dbm	W	dbm	W
1.4	QPSK	1	0	15.10	0.032	15.12	0.033	15.14	0.033
1.4	QPSK	1	3	14.82	0.030	14.85	0.031	14.91	0.031
1.4	QPSK	1	5	14.80	0.030	14.73	0.030	14.83	0.030
1.4	QPSK	3	0	14.10	0.026	14.07	0.026	14.16	0.026
1.4	QPSK	3	1	14.05	0.025	14.07	0.026	14.15	0.026
1.4	QPSK	3	3	14.00	0.025	14.06	0.025	14.09	0.026
1.4	QPSK	6	0	14.17	0.026	14.11	0.026	14.19	0.026
1.4	16QAM	1	0	14.39	0.027	14.39	0.027	14.40	0.028
1.4	16QAM	1	3	14.32	0.027	14.31	0.027	14.37	0.027
1.4	16QAM	1	5	14.28	0.027	14.30	0.027	14.32	0.027
1.4	16QAM	3	0	13.15	0.021	13.18	0.021	13.21	0.021
1.4	16QAM	3	1	13.15	0.021	13.13	0.021	13.17	0.021
1.4	16QAM	3	3	13.24	0.021	13.21	0.021	13.25	0.021
1.4	16QAM	6	0	13.16	0.021	13.14	0.021	13.21	0.021
1.4	64QAM	1	0	13.36	0.022	13.42	0.022	13.46	0.022
1.4	64QAM	1	3	13.33	0.022	13.40	0.022	13.41	0.022
1.4	64QAM	1	5	13.41	0.022	13.38	0.022	13.47	0.022
1.4	64QAM	3	0	12.35	0.017	12.37	0.017	12.40	0.017
1.4	64QAM	3	1	12.26	0.017	12.17	0.016	12.27	0.017
1.4	64QAM	3	3	12.19	0.017	12.26	0.017	12.27	0.017
1.4	64QAM	6	0	12.25	0.017	12.30	0.017	12.32	0.017



LTE Band 38				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				37850		38000		38150	
Frequency (MHz)				2580		2595		2610	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	20.96	0.125	20.99	0.126	20.95	0.124
20	QPSK	1	49	20.82	0.121	20.87	0.122	20.83	0.121
20	QPSK	1	99	20.66	0.116	20.74	0.119	20.71	0.118
20	QPSK	50	0	19.86	0.097	19.96	0.099	19.93	0.098
20	QPSK	50	24	19.73	0.094	19.85	0.097	19.82	0.096
20	QPSK	50	50	19.75	0.094	19.67	0.093	19.75	0.094
20	QPSK	100	0	19.70	0.093	19.75	0.094	19.71	0.094
20	16QAM	1	0	20.07	0.102	20.06	0.101	20.02	0.100
20	16QAM	1	49	19.97	0.099	19.95	0.099	19.91	0.098
20	16QAM	1	99	19.80	0.095	19.81	0.096	19.83	0.096
20	16QAM	50	0	18.70	0.074	18.72	0.074	18.75	0.075
20	16QAM	50	24	18.61	0.073	18.66	0.073	18.60	0.072
20	16QAM	50	50	18.53	0.071	18.57	0.072	18.54	0.071
20	16QAM	100	0	18.45	0.070	18.49	0.071	18.52	0.071
20	64QAM	1	0	19.16	0.082	19.12	0.082	19.14	0.082
20	64QAM	1	49	19.12	0.082	19.10	0.081	19.05	0.080
20	64QAM	1	99	18.98	0.079	18.95	0.079	18.99	0.079
20	64QAM	50	0	18.53	0.071	18.51	0.071	18.54	0.071
20	64QAM	50	24	18.41	0.069	18.48	0.070	18.45	0.070
20	64QAM	50	50	18.38	0.069	18.49	0.071	18.54	0.071
20	64QAM	100	0	18.35	0.068	18.51	0.071	18.28	0.067



LTE Band 38				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				37825		38000		38175	
Frequency (MHz)				2577.5		2595		2612.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	20.85	0.122	20.88	0.122	20.84	0.121
15	QPSK	1	37	20.71	0.118	20.76	0.119	20.72	0.118
15	QPSK	1	74	20.55	0.114	20.63	0.116	20.60	0.115
15	QPSK	36	0	19.75	0.094	19.85	0.097	19.82	0.096
15	QPSK	36	20	19.62	0.092	19.74	0.094	19.71	0.094
15	QPSK	36	39	19.64	0.092	19.56	0.090	19.64	0.092
15	QPSK	75	0	19.59	0.091	19.64	0.092	19.60	0.091
15	16QAM	1	0	19.96	0.099	19.95	0.099	19.91	0.098
15	16QAM	1	37	19.86	0.097	19.84	0.096	19.80	0.095
15	16QAM	1	74	19.69	0.093	19.70	0.093	19.72	0.094
15	16QAM	36	0	18.59	0.072	18.61	0.073	18.64	0.073
15	16QAM	36	20	18.50	0.071	18.55	0.072	18.49	0.071
15	16QAM	36	39	18.42	0.070	18.46	0.070	18.43	0.070
15	16QAM	75	0	18.34	0.068	18.38	0.069	18.41	0.069
15	64QAM	1	0	19.05	0.080	19.01	0.080	19.03	0.080
15	64QAM	1	37	19.01	0.080	18.99	0.079	18.94	0.078
15	64QAM	1	74	18.87	0.077	18.84	0.077	18.88	0.077
15	64QAM	36	0	18.42	0.070	18.40	0.069	18.43	0.070
15	64QAM	36	20	18.30	0.068	18.37	0.069	18.34	0.068
15	64QAM	36	39	18.27	0.067	18.38	0.069	18.43	0.070
15	64QAM	75	0	18.24	0.067	18.40	0.069	18.17	0.066



LTE Band 38				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				37800		38000		38200	
Frequency (MHz)				2575		2595		2615	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	20.72	0.118	20.75	0.119	20.71	0.118
10	QPSK	1	25	20.58	0.114	20.63	0.116	20.59	0.115
10	QPSK	1	49	20.42	0.110	20.50	0.112	20.47	0.111
10	QPSK	25	0	19.62	0.092	19.72	0.094	19.69	0.093
10	QPSK	25	12	19.49	0.089	19.61	0.091	19.58	0.091
10	QPSK	25	25	19.51	0.089	19.43	0.088	19.51	0.089
10	QPSK	50	0	19.46	0.088	19.51	0.089	19.47	0.089
10	16QAM	1	0	19.83	0.096	19.82	0.096	19.78	0.095
10	16QAM	1	25	19.73	0.094	19.71	0.094	19.67	0.093
10	16QAM	1	49	19.56	0.090	19.57	0.091	19.59	0.091
10	16QAM	25	0	18.46	0.070	18.48	0.070	18.51	0.071
10	16QAM	25	12	18.37	0.069	18.42	0.070	18.36	0.069
10	16QAM	25	25	18.29	0.067	18.33	0.068	18.30	0.068
10	16QAM	50	0	18.21	0.066	18.25	0.067	18.28	0.067
10	64QAM	1	0	18.92	0.078	18.88	0.077	18.90	0.078
10	64QAM	1	25	18.88	0.077	18.86	0.077	18.81	0.076
10	64QAM	1	49	18.74	0.075	18.71	0.074	18.75	0.075
10	64QAM	25	0	18.29	0.067	18.27	0.067	18.30	0.068
10	64QAM	25	12	18.17	0.066	18.24	0.067	18.21	0.066
10	64QAM	25	25	18.14	0.065	18.25	0.067	18.30	0.068
10	64QAM	50	0	18.11	0.065	18.27	0.067	18.04	0.064



LTE Band 38				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				37775		38000		38225	
Frequency (MHz)				2572.5		2595		2617.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	20.60	0.115	20.63	0.116	20.59	0.115
5	QPSK	1	12	20.46	0.111	20.51	0.112	20.47	0.111
5	QPSK	1	24	20.30	0.107	20.38	0.109	20.35	0.108
5	QPSK	12	0	19.50	0.089	19.60	0.091	19.57	0.091
5	QPSK	12	7	19.37	0.086	19.49	0.089	19.46	0.088
5	QPSK	12	13	19.39	0.087	19.31	0.085	19.39	0.087
5	QPSK	25	0	19.34	0.086	19.39	0.087	19.35	0.086
5	16QAM	1	0	19.71	0.094	19.70	0.093	19.66	0.092
5	16QAM	1	12	19.61	0.091	19.59	0.091	19.55	0.090
5	16QAM	1	24	19.44	0.088	19.45	0.088	19.47	0.089
5	16QAM	12	0	18.34	0.068	18.36	0.069	18.39	0.069
5	16QAM	12	7	18.25	0.067	18.30	0.068	18.24	0.067
5	16QAM	12	13	18.17	0.066	18.21	0.066	18.18	0.066
5	16QAM	25	0	18.09	0.064	18.13	0.065	18.16	0.065
5	64QAM	1	0	18.80	0.076	18.76	0.075	18.78	0.076
5	64QAM	1	12	18.76	0.075	18.74	0.075	18.69	0.074
5	64QAM	1	24	18.62	0.073	18.59	0.072	18.63	0.073
5	64QAM	12	0	18.17	0.066	18.15	0.065	18.18	0.066
5	64QAM	12	7	18.05	0.064	18.12	0.065	18.09	0.064
5	64QAM	12	13	18.02	0.063	18.13	0.065	18.18	0.066
5	64QAM	25	0	17.99	0.063	18.15	0.065	17.92	0.062



LTE Band 41				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39750		40620		41490	
Frequency (MHz)				2506		2593		2680	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	20.57	0.114	20.76	0.119	20.62	0.115
20	QPSK	1	49	20.50	0.112	20.61	0.115	20.53	0.113
20	QPSK	1	99	20.43	0.110	20.46	0.111	20.51	0.112
20	QPSK	50	0	19.70	0.093	19.73	0.094	19.65	0.092
20	QPSK	50	24	19.55	0.090	19.56	0.090	19.59	0.091
20	QPSK	50	50	19.51	0.089	19.43	0.088	19.55	0.090
20	QPSK	100	0	19.44	0.088	19.39	0.087	19.43	0.088
20	16QAM	1	0	19.96	0.099	19.98	0.100	19.97	0.099
20	16QAM	1	49	19.80	0.095	19.83	0.096	19.84	0.096
20	16QAM	1	99	19.66	0.092	19.75	0.094	19.68	0.093
20	16QAM	50	0	18.65	0.073	18.67	0.074	18.70	0.074
20	16QAM	50	24	18.55	0.072	18.55	0.072	18.56	0.072
20	16QAM	50	50	18.49	0.071	18.44	0.070	18.49	0.071
20	16QAM	100	0	18.41	0.069	18.39	0.069	18.31	0.068
20	64QAM	1	0	19.28	0.085	19.27	0.085	19.20	0.083
20	64QAM	1	49	19.49	0.089	19.35	0.086	19.20	0.083
20	64QAM	1	99	19.36	0.086	19.27	0.085	19.24	0.084
20	64QAM	50	0	18.26	0.067	18.29	0.067	18.22	0.066
20	64QAM	50	24	18.16	0.065	18.18	0.066	18.17	0.066
20	64QAM	50	50	18.19	0.066	18.13	0.065	18.13	0.065
20	64QAM	100	0	18.10	0.065	18.08	0.064	18.09	0.064



LTE Band 41				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39725		40620		41515	
Frequency (MHz)				2503.5		2593		2682.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	20.45	0.111	20.64	0.116	20.50	0.112
15	QPSK	1	37	20.38	0.109	20.49	0.112	20.41	0.110
15	QPSK	1	74	20.31	0.107	20.34	0.108	20.39	0.109
15	QPSK	36	0	19.58	0.091	19.61	0.091	19.53	0.090
15	QPSK	36	20	19.43	0.088	19.44	0.088	19.47	0.089
15	QPSK	36	39	19.39	0.087	19.31	0.085	19.43	0.088
15	QPSK	75	0	19.32	0.086	19.27	0.085	19.31	0.085
15	16QAM	1	0	19.84	0.096	19.86	0.097	19.85	0.097
15	16QAM	1	37	19.68	0.093	19.71	0.094	19.72	0.094
15	16QAM	1	74	19.54	0.090	19.63	0.092	19.56	0.090
15	16QAM	36	0	18.53	0.071	18.55	0.072	18.58	0.072
15	16QAM	36	20	18.43	0.070	18.43	0.070	18.44	0.070
15	16QAM	36	39	18.37	0.069	18.32	0.068	18.37	0.069
15	16QAM	75	0	18.29	0.067	18.27	0.067	18.19	0.066
15	64QAM	1	0	19.16	0.082	19.15	0.082	19.08	0.081
15	64QAM	1	37	19.37	0.086	19.23	0.084	19.08	0.081
15	64QAM	1	74	19.24	0.084	19.15	0.082	19.12	0.082
15	64QAM	36	0	18.14	0.065	18.17	0.066	18.10	0.065
15	64QAM	36	20	18.04	0.064	18.06	0.064	18.05	0.064
15	64QAM	36	39	18.07	0.064	18.01	0.063	18.01	0.063
15	64QAM	75	0	17.98	0.063	17.96	0.063	17.97	0.063



LTE Band 41				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39700		40620		41540	
Frequency (MHz)				2501		2593		2685	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	20.32	0.108	20.51	0.112	20.37	0.109
10	QPSK	1	25	20.25	0.106	20.36	0.109	20.28	0.107
10	QPSK	1	49	20.18	0.104	20.21	0.105	20.26	0.106
10	QPSK	25	0	19.45	0.088	19.48	0.089	19.40	0.087
10	QPSK	25	12	19.30	0.085	19.31	0.085	19.34	0.086
10	QPSK	25	25	19.26	0.084	19.18	0.083	19.30	0.085
10	QPSK	50	0	19.19	0.083	19.14	0.082	19.18	0.083
10	16QAM	1	0	19.71	0.094	19.73	0.094	19.72	0.094
10	16QAM	1	25	19.55	0.090	19.58	0.091	19.59	0.091
10	16QAM	1	49	19.41	0.087	19.50	0.089	19.43	0.088
10	16QAM	25	0	18.40	0.069	18.42	0.070	18.45	0.070
10	16QAM	25	12	18.30	0.068	18.30	0.068	18.31	0.068
10	16QAM	25	25	18.24	0.067	18.19	0.066	18.24	0.067
10	16QAM	50	0	18.16	0.065	18.14	0.065	18.06	0.064
10	64QAM	1	0	19.03	0.080	19.02	0.080	18.95	0.079
10	64QAM	1	25	19.24	0.084	19.10	0.081	18.95	0.079
10	64QAM	1	49	19.11	0.081	19.02	0.080	18.99	0.079
10	64QAM	25	0	18.01	0.063	18.04	0.064	17.97	0.063
10	64QAM	25	12	17.91	0.062	17.93	0.062	17.92	0.062
10	64QAM	25	25	17.94	0.062	17.88	0.061	17.88	0.061
10	64QAM	50	0	17.85	0.061	17.83	0.061	17.84	0.061



LTE Band 41				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39675		40620		41565	
Frequency (MHz)				2498.5		2593		2687.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	20.20	0.105	20.39	0.109	20.25	0.106
5	QPSK	1	12	20.13	0.103	20.24	0.106	20.16	0.104
5	QPSK	1	24	20.06	0.101	20.09	0.102	20.14	0.103
5	QPSK	12	0	19.33	0.086	19.36	0.086	19.28	0.085
5	QPSK	12	7	19.18	0.083	19.19	0.083	19.22	0.084
5	QPSK	12	13	19.14	0.082	19.06	0.081	19.18	0.083
5	QPSK	25	0	19.07	0.081	19.02	0.080	19.06	0.081
5	16QAM	1	0	19.59	0.091	19.61	0.091	19.60	0.091
5	16QAM	1	12	19.43	0.088	19.46	0.088	19.47	0.089
5	16QAM	1	24	19.29	0.085	19.38	0.087	19.31	0.085
5	16QAM	12	0	18.28	0.067	18.30	0.068	18.33	0.068
5	16QAM	12	7	18.18	0.066	18.18	0.066	18.19	0.066
5	16QAM	12	13	18.12	0.065	18.07	0.064	18.12	0.065
5	16QAM	25	0	18.04	0.064	18.02	0.063	17.94	0.062
5	64QAM	1	0	18.91	0.078	18.90	0.078	18.83	0.076
5	64QAM	1	12	19.12	0.082	18.98	0.079	18.83	0.076
5	64QAM	1	24	18.99	0.079	18.90	0.078	18.87	0.077
5	64QAM	12	0	17.89	0.062	17.92	0.062	17.85	0.061
5	64QAM	12	7	17.79	0.060	17.81	0.060	17.80	0.060
5	64QAM	12	13	17.82	0.061	17.76	0.060	17.76	0.060
5	64QAM	25	0	17.73	0.059	17.71	0.059	17.72	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				132072		132322		132572	
Frequency (MHz)				1720		1745		1770	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	18.27	0.067	18.38	0.069	18.33	0.068
20	QPSK	1	49	18.19	0.066	18.26	0.067	18.21	0.066
20	QPSK	1	99	18.04	0.064	18.17	0.066	18.13	0.065
20	QPSK	50	0	17.41	0.055	17.46	0.056	17.42	0.055
20	QPSK	50	24	17.28	0.053	17.24	0.053	17.33	0.054
20	QPSK	50	50	17.16	0.052	17.13	0.052	17.30	0.054
20	QPSK	100	0	17.09	0.051	17.05	0.051	17.14	0.052
20	16QAM	1	0	17.24	0.053	17.29	0.054	17.25	0.053
20	16QAM	1	49	17.22	0.053	17.16	0.052	17.32	0.054
20	16QAM	1	99	17.15	0.052	17.23	0.053	17.30	0.054
20	16QAM	50	0	16.36	0.043	16.28	0.042	16.33	0.043
20	16QAM	50	24	16.32	0.043	16.35	0.043	16.41	0.044
20	16QAM	50	50	16.47	0.044	16.34	0.043	16.28	0.042
20	16QAM	100	0	16.52	0.045	16.32	0.043	16.37	0.043
20	64QAM	1	0	16.26	0.042	16.44	0.044	16.51	0.045
20	64QAM	1	49	16.41	0.044	16.41	0.044	16.45	0.044
20	64QAM	1	99	16.38	0.043	16.52	0.045	16.57	0.045
20	64QAM	50	0	15.47	0.035	15.45	0.035	15.47	0.035
20	64QAM	50	24	15.57	0.036	15.47	0.035	15.35	0.034
20	64QAM	50	50	15.52	0.036	15.40	0.035	15.29	0.034
20	64QAM	100	0	15.34	0.034	15.42	0.035	15.33	0.034



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	18.15	0.065	18.26	0.067	18.21	0.066
15	QPSK	1	37	18.07	0.064	18.14	0.065	18.09	0.064
15	QPSK	1	74	17.92	0.062	18.05	0.064	18.01	0.063
15	QPSK	36	0	17.29	0.054	17.34	0.054	17.30	0.054
15	QPSK	36	20	17.16	0.052	17.12	0.052	17.21	0.053
15	QPSK	36	39	17.04	0.051	17.01	0.050	17.18	0.052
15	QPSK	75	0	16.97	0.050	16.93	0.049	17.02	0.050
15	16QAM	1	0	17.12	0.052	17.17	0.052	17.13	0.052
15	16QAM	1	37	17.10	0.051	17.04	0.051	17.20	0.052
15	16QAM	1	74	17.03	0.050	17.11	0.051	17.18	0.052
15	16QAM	36	0	16.24	0.042	16.16	0.041	16.21	0.042
15	16QAM	36	20	16.20	0.042	16.23	0.042	16.29	0.043
15	16QAM	36	39	16.35	0.043	16.22	0.042	16.16	0.041
15	16QAM	75	0	16.40	0.044	16.20	0.042	16.25	0.042
15	64QAM	1	0	16.14	0.041	16.32	0.043	16.39	0.044
15	64QAM	1	37	16.29	0.043	16.29	0.043	16.33	0.043
15	64QAM	1	74	16.26	0.042	16.40	0.044	16.45	0.044
15	64QAM	36	0	15.35	0.034	15.33	0.034	15.35	0.034
15	64QAM	36	20	15.45	0.035	15.35	0.034	15.23	0.033
15	64QAM	36	39	15.40	0.035	15.28	0.034	15.17	0.033
15	64QAM	75	0	15.22	0.033	15.30	0.034	15.21	0.033



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	18.03	0.064	18.14	0.065	18.09	0.064
10	QPSK	1	25	17.95	0.062	18.02	0.063	17.97	0.063
10	QPSK	1	49	17.80	0.060	17.93	0.062	17.89	0.062
10	QPSK	25	0	17.17	0.052	17.22	0.053	17.18	0.052
10	QPSK	25	12	17.04	0.051	17.00	0.050	17.09	0.051
10	QPSK	25	25	16.92	0.049	16.89	0.049	17.06	0.051
10	QPSK	50	0	16.85	0.048	16.81	0.048	16.90	0.049
10	16QAM	1	0	17.00	0.050	17.05	0.051	17.01	0.050
10	16QAM	1	25	16.98	0.050	16.92	0.049	17.08	0.051
10	16QAM	1	49	16.91	0.049	16.99	0.050	17.06	0.051
10	16QAM	25	0	16.12	0.041	16.04	0.040	16.09	0.041
10	16QAM	25	12	16.08	0.041	16.11	0.041	16.17	0.041
10	16QAM	25	25	16.23	0.042	16.10	0.041	16.04	0.040
10	16QAM	50	0	16.28	0.042	16.08	0.041	16.13	0.041
10	64QAM	1	0	16.02	0.040	16.20	0.042	16.27	0.042
10	64QAM	1	25	16.17	0.041	16.17	0.041	16.21	0.042
10	64QAM	1	49	16.14	0.041	16.28	0.042	16.33	0.043
10	64QAM	25	0	15.23	0.033	15.21	0.033	15.23	0.033
10	64QAM	25	12	15.33	0.034	15.23	0.033	15.11	0.032
10	64QAM	25	25	15.28	0.034	15.16	0.033	15.05	0.032
10	64QAM	50	0	15.10	0.032	15.18	0.033	15.09	0.032



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	17.92	0.062	18.03	0.064	17.98	0.063
5	QPSK	1	12	17.84	0.061	17.91	0.062	17.86	0.061
5	QPSK	1	24	17.69	0.059	17.82	0.061	17.78	0.060
5	QPSK	12	0	17.06	0.051	17.11	0.051	17.07	0.051
5	QPSK	12	7	16.93	0.049	16.89	0.049	16.98	0.050
5	QPSK	12	13	16.81	0.048	16.78	0.048	16.95	0.050
5	QPSK	25	0	16.74	0.047	16.70	0.047	16.79	0.048
5	16QAM	1	0	16.89	0.049	16.94	0.049	16.90	0.049
5	16QAM	1	12	16.87	0.049	16.81	0.048	16.97	0.050
5	16QAM	1	24	16.80	0.048	16.88	0.049	16.95	0.050
5	16QAM	12	0	16.01	0.040	15.93	0.039	15.98	0.040
5	16QAM	12	7	15.97	0.040	16.00	0.040	16.06	0.040
5	16QAM	12	13	16.12	0.041	15.99	0.040	15.93	0.039
5	16QAM	25	0	16.17	0.041	15.97	0.040	16.02	0.040
5	64QAM	1	0	15.91	0.039	16.09	0.041	16.16	0.041
5	64QAM	1	12	16.06	0.040	16.06	0.040	16.10	0.041
5	64QAM	1	24	16.03	0.040	16.17	0.041	16.22	0.042
5	64QAM	12	0	15.12	0.033	15.10	0.032	15.02	0.032
5	64QAM	12	7	15.22	0.033	15.12	0.033	15.00	0.032
5	64QAM	12	13	15.17	0.033	15.05	0.032	14.94	0.031
5	64QAM	25	0	14.99	0.032	15.07	0.032	14.98	0.031



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	18.04	0.064	18.15	0.065	18.10	0.065
3	QPSK	1	8	17.96	0.063	18.03	0.064	17.98	0.063
3	QPSK	1	14	17.81	0.060	17.94	0.062	17.90	0.062
3	QPSK	8	0	17.18	0.052	17.14	0.052	17.23	0.053
3	QPSK	8	4	17.05	0.051	17.01	0.050	17.10	0.051
3	QPSK	8	7	16.93	0.049	16.90	0.049	17.07	0.051
3	QPSK	15	0	16.86	0.049	16.82	0.048	16.91	0.049
3	16QAM	1	0	17.75	0.060	17.78	0.060	17.72	0.059
3	16QAM	1	8	17.67	0.058	17.71	0.059	17.65	0.058
3	16QAM	1	14	17.52	0.056	17.58	0.057	17.53	0.057
3	16QAM	8	0	16.15	0.041	16.21	0.042	16.30	0.043
3	16QAM	8	4	16.04	0.040	16.13	0.041	16.23	0.042
3	16QAM	8	7	15.98	0.040	16.00	0.040	16.16	0.041
3	16QAM	15	0	15.91	0.039	15.94	0.039	16.01	0.040
3	64QAM	1	0	17.58	0.057	17.50	0.056	17.68	0.059
3	64QAM	1	8	17.45	0.056	17.43	0.055	17.55	0.057
3	64QAM	1	14	17.38	0.055	17.35	0.054	17.47	0.056
3	64QAM	8	0	16.18	0.041	16.15	0.041	16.12	0.041
3	64QAM	8	4	16.03	0.040	16.02	0.040	16.15	0.041
3	64QAM	8	7	15.96	0.039	15.95	0.039	16.07	0.040
3	64QAM	15	0	15.88	0.039	15.83	0.038	15.92	0.039



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	17.80	0.060	17.91	0.062	17.86	0.061
1.4	QPSK	1	3	17.72	0.059	17.79	0.060	17.74	0.059
1.4	QPSK	1	5	17.57	0.057	17.70	0.059	17.66	0.058
1.4	QPSK	3	0	16.94	0.049	16.99	0.050	16.95	0.050
1.4	QPSK	3	1	16.81	0.048	16.77	0.048	16.86	0.049
1.4	QPSK	3	3	16.69	0.047	16.66	0.046	16.83	0.048
1.4	QPSK	6	0	16.62	0.046	16.58	0.045	16.67	0.046
1.4	16QAM	1	0	16.77	0.048	16.82	0.048	16.78	0.048
1.4	16QAM	1	3	16.75	0.047	16.69	0.047	16.85	0.048
1.4	16QAM	1	5	16.68	0.047	16.76	0.047	16.83	0.048
1.4	16QAM	3	0	15.89	0.039	15.81	0.038	15.86	0.039
1.4	16QAM	3	1	15.85	0.038	15.88	0.039	15.94	0.039
1.4	16QAM	3	3	16.00	0.040	15.87	0.039	15.81	0.038
1.4	16QAM	6	0	16.05	0.040	15.85	0.038	15.90	0.039
1.4	64QAM	1	0	15.79	0.038	15.97	0.040	16.04	0.040
1.4	64QAM	1	3	15.94	0.039	15.94	0.039	15.98	0.040
1.4	64QAM	1	5	15.91	0.039	16.05	0.040	16.10	0.041
1.4	64QAM	3	0	15.00	0.032	14.98	0.031	15.00	0.032
1.4	64QAM	3	1	15.10	0.032	15.00	0.032	14.88	0.031
1.4	64QAM	3	3	15.05	0.032	14.93	0.031	14.82	0.030
1.4	64QAM	6	0	14.87	0.031	14.95	0.031	14.86	0.031



Bottom Antenna

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	20.23	0.105	20.24	0.106	20.19	0.104
20	QPSK	1	49	19.82	0.096	19.79	0.095	19.84	0.096
20	QPSK	1	99	19.74	0.094	19.70	0.093	19.67	0.093
20	QPSK	50	0	19.21	0.083	19.27	0.085	19.25	0.084
20	QPSK	50	24	18.89	0.077	18.90	0.078	18.93	0.078
20	QPSK	50	50	18.78	0.076	18.84	0.077	18.87	0.077
20	QPSK	100	0	18.67	0.074	18.66	0.073	18.65	0.073
20	16QAM	1	0	19.05	0.080	19.04	0.080	19.12	0.082
20	16QAM	1	49	18.77	0.075	18.76	0.075	18.92	0.078
20	16QAM	1	99	18.71	0.074	18.68	0.074	18.66	0.073
20	16QAM	50	0	17.60	0.058	17.57	0.057	17.57	0.057
20	16QAM	50	24	17.56	0.057	17.58	0.057	17.54	0.057
20	16QAM	50	50	17.54	0.057	17.49	0.056	17.48	0.056
20	16QAM	100	0	17.55	0.057	17.47	0.056	17.46	0.056
20	64QAM	1	0	18.07	0.064	18.14	0.065	18.05	0.064
20	64QAM	1	49	18.00	0.063	18.11	0.065	17.99	0.063
20	64QAM	1	99	17.91	0.062	18.05	0.064	18.00	0.063
20	64QAM	50	0	17.05	0.051	17.15	0.052	17.05	0.051
20	64QAM	50	24	17.20	0.052	16.94	0.049	16.92	0.049
20	64QAM	50	50	17.12	0.052	17.06	0.051	16.99	0.050
20	64QAM	100	0	17.09	0.051	17.08	0.051	17.02	0.050



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	19.82	0.096	19.93	0.098	19.86	0.097
15	QPSK	1	37	19.70	0.093	19.67	0.093	19.72	0.094
15	QPSK	1	74	19.62	0.092	19.58	0.091	19.55	0.090
15	QPSK	36	0	18.86	0.077	18.94	0.078	18.87	0.077
15	QPSK	36	20	18.77	0.075	18.78	0.076	18.81	0.076
15	QPSK	36	39	18.66	0.073	18.72	0.074	18.75	0.075
15	QPSK	75	0	18.55	0.072	18.54	0.071	18.53	0.071
15	16QAM	1	0	18.93	0.078	18.92	0.078	19.00	0.079
15	16QAM	1	37	18.65	0.073	18.64	0.073	18.80	0.076
15	16QAM	1	74	18.59	0.072	18.56	0.072	18.54	0.071
15	16QAM	36	0	17.48	0.056	17.45	0.056	17.45	0.056
15	16QAM	36	20	17.44	0.055	17.46	0.056	17.42	0.055
15	16QAM	36	39	17.42	0.055	17.37	0.055	17.36	0.054
15	16QAM	75	0	17.43	0.055	17.35	0.054	17.34	0.054
15	64QAM	1	0	17.95	0.062	18.02	0.063	17.93	0.062
15	64QAM	1	37	17.88	0.061	17.99	0.063	17.87	0.061
15	64QAM	1	74	17.79	0.060	17.93	0.062	17.88	0.061
15	64QAM	36	0	16.93	0.049	17.03	0.050	16.93	0.049
15	64QAM	36	20	17.08	0.051	16.82	0.048	16.80	0.048
15	64QAM	36	39	17.00	0.050	16.94	0.049	16.87	0.049
15	64QAM	75	0	16.97	0.050	16.96	0.050	16.90	0.049



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	19.70	0.093	19.81	0.096	19.74	0.094
10	QPSK	1	25	19.58	0.091	19.55	0.090	19.60	0.091
10	QPSK	1	49	19.50	0.089	19.46	0.088	19.43	0.088
10	QPSK	25	0	18.74	0.075	18.82	0.076	18.75	0.075
10	QPSK	25	12	18.65	0.073	18.66	0.073	18.69	0.074
10	QPSK	25	25	18.54	0.071	18.60	0.072	18.63	0.073
10	QPSK	50	0	18.43	0.070	18.42	0.070	18.41	0.069
10	16QAM	1	0	18.81	0.076	18.80	0.076	18.88	0.077
10	16QAM	1	25	18.53	0.071	18.52	0.071	18.68	0.074
10	16QAM	1	49	18.47	0.070	18.44	0.070	18.42	0.070
10	16QAM	25	0	17.36	0.054	17.33	0.054	17.33	0.054
10	16QAM	25	12	17.32	0.054	17.34	0.054	17.30	0.054
10	16QAM	25	25	17.30	0.054	17.25	0.053	17.24	0.053
10	16QAM	50	0	17.31	0.054	17.23	0.053	17.22	0.053
10	64QAM	1	0	17.83	0.061	17.90	0.062	17.81	0.060
10	64QAM	1	25	17.76	0.060	17.87	0.061	17.75	0.060
10	64QAM	1	49	17.67	0.058	17.81	0.060	17.76	0.060
10	64QAM	25	0	16.81	0.048	16.91	0.049	16.81	0.048
10	64QAM	25	12	16.96	0.050	16.70	0.047	16.68	0.047
10	64QAM	25	25	16.88	0.049	16.82	0.048	16.75	0.047
10	64QAM	50	0	16.85	0.048	16.84	0.048	16.78	0.048



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	19.59	0.091	19.70	0.093	19.63	0.092
5	QPSK	1	12	19.47	0.089	19.44	0.088	19.49	0.089
5	QPSK	1	24	19.39	0.087	19.35	0.086	19.32	0.086
5	QPSK	12	0	18.63	0.073	18.71	0.074	18.64	0.073
5	QPSK	12	7	18.54	0.071	18.55	0.072	18.58	0.072
5	QPSK	12	13	18.43	0.070	18.49	0.071	18.52	0.071
5	QPSK	25	0	18.32	0.068	18.31	0.068	18.30	0.068
5	16QAM	1	0	18.70	0.074	18.69	0.074	18.67	0.074
5	16QAM	1	12	18.42	0.070	18.41	0.069	18.57	0.072
5	16QAM	1	24	18.36	0.069	18.33	0.068	18.31	0.068
5	16QAM	12	0	17.25	0.053	17.22	0.053	17.22	0.053
5	16QAM	12	7	17.21	0.053	17.23	0.053	17.19	0.052
5	16QAM	12	13	17.19	0.052	17.14	0.052	17.13	0.052
5	16QAM	25	0	17.20	0.052	17.12	0.052	17.11	0.051
5	64QAM	1	0	17.62	0.058	17.69	0.059	17.70	0.059
5	64QAM	1	12	17.65	0.058	17.66	0.058	17.64	0.058
5	64QAM	1	24	17.56	0.057	17.70	0.059	17.65	0.058
5	64QAM	12	0	16.70	0.047	16.80	0.048	16.70	0.047
5	64QAM	12	7	16.85	0.048	16.59	0.046	16.57	0.045
5	64QAM	12	13	16.77	0.048	16.71	0.047	16.64	0.046
5	64QAM	25	0	16.74	0.047	16.73	0.047	16.67	0.046



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	19.36	0.086	19.47	0.089	19.40	0.087
3	QPSK	1	8	19.24	0.084	19.21	0.083	19.26	0.084
3	QPSK	1	14	19.16	0.082	19.12	0.082	19.09	0.081
3	QPSK	8	0	18.40	0.069	18.48	0.070	18.41	0.069
3	QPSK	8	4	18.31	0.068	18.32	0.068	18.35	0.068
3	QPSK	8	7	18.20	0.066	18.26	0.067	18.29	0.067
3	QPSK	15	0	18.09	0.064	18.08	0.064	18.07	0.064
3	16QAM	1	0	18.47	0.070	18.46	0.070	18.44	0.070
3	16QAM	1	8	18.19	0.066	18.18	0.066	18.34	0.068
3	16QAM	1	14	18.13	0.065	18.10	0.065	18.08	0.064
3	16QAM	8	0	17.02	0.050	16.99	0.050	16.99	0.050
3	16QAM	8	4	16.98	0.050	17.00	0.050	16.96	0.050
3	16QAM	8	7	16.96	0.050	16.91	0.049	16.90	0.049
3	16QAM	15	0	16.97	0.050	16.89	0.049	16.88	0.049
3	64QAM	1	0	17.39	0.055	17.46	0.056	17.47	0.056
3	64QAM	1	8	17.42	0.055	17.43	0.055	17.41	0.055
3	64QAM	1	14	17.33	0.054	17.47	0.056	17.42	0.055
3	64QAM	8	0	16.47	0.044	16.57	0.045	16.47	0.044
3	64QAM	8	4	16.62	0.046	16.36	0.043	16.34	0.043
3	64QAM	8	7	16.54	0.045	16.48	0.044	16.41	0.044
3	64QAM	15	0	16.51	0.045	16.50	0.045	16.44	0.044



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	19.13	0.082	19.14	0.082	19.07	0.081
1.4	QPSK	1	3	19.11	0.081	19.08	0.081	19.13	0.082
1.4	QPSK	1	5	19.03	0.080	18.99	0.079	18.96	0.079
1.4	QPSK	3	0	18.27	0.067	18.35	0.068	18.28	0.067
1.4	QPSK	3	1	18.18	0.066	18.19	0.066	18.22	0.066
1.4	QPSK	3	3	18.07	0.064	18.13	0.065	18.16	0.065
1.4	QPSK	6	0	17.96	0.063	17.95	0.062	17.94	0.062
1.4	16QAM	1	0	18.34	0.068	18.33	0.068	18.31	0.068
1.4	16QAM	1	3	18.06	0.064	18.05	0.064	18.21	0.066
1.4	16QAM	1	5	18.00	0.063	17.97	0.063	17.95	0.062
1.4	16QAM	3	0	16.89	0.049	16.86	0.049	16.86	0.049
1.4	16QAM	3	1	16.85	0.048	16.87	0.049	16.83	0.048
1.4	16QAM	3	3	16.83	0.048	16.78	0.048	16.77	0.048
1.4	16QAM	6	0	16.84	0.048	16.76	0.047	16.75	0.047
1.4	64QAM	1	0	17.26	0.053	17.33	0.054	17.34	0.054
1.4	64QAM	1	3	17.29	0.054	17.30	0.054	17.28	0.053
1.4	64QAM	1	5	17.20	0.052	17.34	0.054	17.29	0.054
1.4	64QAM	3	0	16.34	0.043	16.44	0.044	16.34	0.043
1.4	64QAM	3	1	16.49	0.045	16.23	0.042	16.21	0.042
1.4	64QAM	3	3	16.41	0.044	16.35	0.043	16.28	0.042
1.4	64QAM	6	0	16.38	0.043	16.37	0.043	16.31	0.043



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	20.54	0.113	20.60	0.115	20.57	0.114
20	QPSK	1	49	20.37	0.109	20.41	0.110	20.37	0.109
20	QPSK	1	99	20.25	0.106	20.22	0.105	20.29	0.107
20	QPSK	50	0	19.47	0.089	19.56	0.090	19.50	0.089
20	QPSK	50	24	19.40	0.087	19.45	0.088	19.27	0.085
20	QPSK	50	50	19.35	0.086	19.31	0.085	19.23	0.084
20	QPSK	100	0	19.30	0.085	19.26	0.084	19.28	0.085
20	16QAM	1	0	19.57	0.091	19.69	0.093	19.57	0.091
20	16QAM	1	49	19.50	0.089	19.57	0.091	19.47	0.089
20	16QAM	1	99	19.40	0.087	19.44	0.088	19.41	0.087
20	16QAM	50	0	18.74	0.075	18.73	0.075	18.66	0.073
20	16QAM	50	24	18.57	0.072	18.54	0.071	18.64	0.073
20	16QAM	50	50	18.44	0.070	18.61	0.073	18.47	0.070
20	16QAM	100	0	18.47	0.070	18.53	0.071	18.44	0.070
20	64QAM	1	0	18.65	0.073	18.62	0.073	18.67	0.074
20	64QAM	1	49	18.52	0.071	18.55	0.072	18.54	0.071
20	64QAM	1	99	18.44	0.070	18.47	0.070	18.49	0.071
20	64QAM	50	0	17.66	0.058	17.67	0.058	17.56	0.057
20	64QAM	50	24	17.54	0.057	17.55	0.057	17.47	0.056
20	64QAM	50	50	17.34	0.054	17.39	0.055	17.37	0.055
20	64QAM	100	0	17.46	0.056	17.47	0.056	17.44	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	20.47	0.111	20.50	0.112	20.45	0.111
15	QPSK	1	37	20.29	0.107	20.33	0.108	20.27	0.106
15	QPSK	1	74	20.15	0.104	20.12	0.103	20.19	0.104
15	QPSK	36	0	19.37	0.086	19.46	0.088	19.40	0.087
15	QPSK	36	20	19.30	0.085	19.35	0.086	19.17	0.083
15	QPSK	36	39	19.25	0.084	19.21	0.083	19.13	0.082
15	QPSK	75	0	19.20	0.083	19.16	0.082	19.18	0.083
15	16QAM	1	0	19.47	0.089	19.59	0.091	19.47	0.089
15	16QAM	1	37	19.40	0.087	19.47	0.089	19.37	0.086
15	16QAM	1	74	19.30	0.085	19.34	0.086	19.31	0.085
15	16QAM	36	0	18.64	0.073	18.63	0.073	18.56	0.072
15	16QAM	36	20	18.47	0.070	18.44	0.070	18.54	0.071
15	16QAM	36	39	18.34	0.068	18.51	0.071	18.37	0.069
15	16QAM	75	0	18.37	0.069	18.43	0.070	18.34	0.068
15	64QAM	1	0	18.55	0.072	18.52	0.071	18.57	0.072
15	64QAM	1	37	18.42	0.070	18.45	0.070	18.44	0.070
15	64QAM	1	74	18.34	0.068	18.37	0.069	18.39	0.069
15	64QAM	36	0	17.56	0.057	17.57	0.057	17.46	0.056
15	64QAM	36	20	17.44	0.055	17.45	0.056	17.37	0.055
15	64QAM	36	39	17.24	0.053	17.29	0.054	17.27	0.053
15	64QAM	75	0	17.36	0.054	17.37	0.055	17.34	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	20.35	0.108	20.38	0.109	20.33	0.108
10	QPSK	1	25	20.17	0.104	20.21	0.105	20.15	0.103
10	QPSK	1	49	20.03	0.101	20.00	0.100	20.07	0.102
10	QPSK	25	0	19.25	0.084	19.34	0.086	19.28	0.085
10	QPSK	25	12	19.18	0.083	19.23	0.084	19.05	0.080
10	QPSK	25	25	19.13	0.082	19.09	0.081	19.01	0.080
10	QPSK	50	0	19.08	0.081	19.04	0.080	19.06	0.080
10	16QAM	1	0	19.35	0.086	19.47	0.088	19.35	0.086
10	16QAM	1	25	19.28	0.085	19.35	0.086	19.25	0.084
10	16QAM	1	49	19.18	0.083	19.22	0.084	19.19	0.083
10	16QAM	25	0	18.52	0.071	18.51	0.071	18.44	0.070
10	16QAM	25	12	18.35	0.068	18.32	0.068	18.42	0.069
10	16QAM	25	25	18.22	0.066	18.39	0.069	18.25	0.067
10	16QAM	50	0	18.25	0.067	18.31	0.068	18.22	0.066
10	64QAM	1	0	18.43	0.070	18.40	0.069	18.45	0.070
10	64QAM	1	25	18.30	0.068	18.33	0.068	18.32	0.068
10	64QAM	1	49	18.22	0.066	18.25	0.067	18.27	0.067
10	64QAM	25	0	17.44	0.055	17.45	0.056	17.34	0.054
10	64QAM	25	12	17.32	0.054	17.33	0.054	17.25	0.053
10	64QAM	25	25	17.12	0.051	17.17	0.052	17.15	0.052
10	64QAM	50	0	17.24	0.053	17.25	0.053	17.16	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				19975		20175		20375	
Frequency (MHz)				1712.5		1732.5		1752.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	20.22	0.105	20.25	0.106	20.20	0.105
5	QPSK	1	12	20.04	0.101	20.08	0.102	20.02	0.100
5	QPSK	1	24	19.90	0.098	19.87	0.097	19.94	0.099
5	QPSK	12	0	19.12	0.082	19.21	0.083	19.15	0.082
5	QPSK	12	7	19.05	0.080	19.10	0.081	18.92	0.078
5	QPSK	12	13	19.00	0.079	18.96	0.079	18.88	0.077
5	QPSK	25	0	18.95	0.078	18.91	0.078	18.93	0.078
5	16QAM	1	0	19.22	0.084	19.34	0.086	19.22	0.084
5	16QAM	1	12	19.15	0.082	19.22	0.084	19.12	0.082
5	16QAM	1	24	19.05	0.080	19.09	0.081	19.06	0.080
5	16QAM	12	0	18.39	0.069	18.38	0.069	18.31	0.068
5	16QAM	12	7	18.22	0.066	18.19	0.066	18.29	0.067
5	16QAM	12	13	18.09	0.064	18.26	0.067	18.12	0.065
5	16QAM	25	0	18.12	0.065	18.18	0.066	18.09	0.064
5	64QAM	1	0	18.30	0.068	18.27	0.067	18.32	0.068
5	64QAM	1	12	18.17	0.066	18.20	0.066	18.19	0.066
5	64QAM	1	24	18.09	0.064	18.12	0.065	18.14	0.065
5	64QAM	12	0	17.31	0.054	17.32	0.054	17.21	0.053
5	64QAM	12	7	17.19	0.052	17.20	0.052	17.12	0.051
5	64QAM	12	13	16.99	0.050	17.04	0.051	17.02	0.050
5	64QAM	25	0	17.23	0.053	17.24	0.053	17.21	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				19965		20175		20385	
Frequency (MHz)				1711.5		1732.5		1753.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	20.11	0.102	20.14	0.103	20.09	0.102
3	QPSK	1	8	19.93	0.098	19.97	0.099	19.91	0.098
3	QPSK	1	14	19.79	0.095	19.76	0.095	19.83	0.096
3	QPSK	8	0	19.01	0.080	19.10	0.081	19.04	0.080
3	QPSK	8	4	18.94	0.078	18.99	0.079	18.81	0.076
3	QPSK	8	7	18.89	0.077	18.85	0.077	18.77	0.075
3	QPSK	15	0	18.84	0.077	18.80	0.076	18.82	0.076
3	16QAM	1	0	19.11	0.081	19.23	0.084	19.11	0.081
3	16QAM	1	8	19.04	0.080	19.11	0.081	19.01	0.080
3	16QAM	1	14	18.94	0.078	18.98	0.079	18.95	0.078
3	16QAM	8	0	18.28	0.067	18.27	0.067	18.20	0.066
3	16QAM	8	4	18.11	0.065	18.08	0.064	18.18	0.066
3	16QAM	8	7	17.98	0.063	18.15	0.065	18.01	0.063
3	16QAM	15	0	18.01	0.063	18.07	0.064	17.98	0.063
3	64QAM	1	0	18.19	0.066	18.16	0.065	18.21	0.066
3	64QAM	1	8	18.06	0.064	18.09	0.064	18.08	0.064
3	64QAM	1	14	17.98	0.063	18.01	0.063	18.03	0.063
3	64QAM	8	0	17.20	0.052	17.21	0.053	17.10	0.051
3	64QAM	8	4	17.08	0.051	17.09	0.051	17.01	0.050
3	64QAM	8	7	16.88	0.049	16.93	0.049	16.91	0.049
3	64QAM	15	0	17.12	0.052	17.13	0.052	17.10	0.051



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	19.98	0.100	20.01	0.100	19.96	0.099
1.4	QPSK	1	3	19.80	0.096	19.84	0.096	19.78	0.095
1.4	QPSK	1	5	19.66	0.093	19.63	0.092	19.70	0.093
1.4	QPSK	3	0	18.88	0.077	18.97	0.079	18.91	0.078
1.4	QPSK	3	1	18.81	0.076	18.87	0.077	18.68	0.074
1.4	QPSK	3	3	18.76	0.075	18.72	0.075	18.64	0.073
1.4	QPSK	6	0	18.71	0.074	18.67	0.074	18.69	0.074
1.4	16QAM	1	0	18.98	0.079	19.10	0.081	18.98	0.079
1.4	16QAM	1	3	18.91	0.078	18.98	0.079	18.88	0.077
1.4	16QAM	1	5	18.81	0.076	18.85	0.077	18.82	0.076
1.4	16QAM	3	0	18.15	0.065	18.14	0.065	18.07	0.064
1.4	16QAM	3	1	17.98	0.063	17.95	0.062	18.05	0.064
1.4	16QAM	3	3	17.85	0.061	18.02	0.063	17.88	0.061
1.4	16QAM	6	0	17.88	0.061	17.94	0.062	17.85	0.061
1.4	64QAM	1	0	18.06	0.064	18.03	0.064	18.08	0.064
1.4	64QAM	1	3	17.93	0.062	17.96	0.063	17.95	0.062
1.4	64QAM	1	5	17.85	0.061	17.88	0.061	17.90	0.062
1.4	64QAM	3	0	17.07	0.051	17.08	0.051	16.97	0.050
1.4	64QAM	3	1	16.95	0.050	16.96	0.050	16.88	0.049
1.4	64QAM	3	3	16.75	0.047	16.80	0.048	16.78	0.048
1.4	64QAM	6	0	17.00	0.050	17.01	0.050	16.98	0.050



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	14.27	0.027	14.28	0.027	14.25	0.027
10	QPSK	1	25	14.16	0.026	14.12	0.026	14.14	0.026
10	QPSK	1	49	13.97	0.025	14.05	0.025	13.98	0.025
10	QPSK	25	0	13.21	0.021	13.27	0.021	13.19	0.021
10	QPSK	25	12	13.17	0.021	13.20	0.021	13.13	0.021
10	QPSK	25	25	13.06	0.020	13.05	0.020	13.07	0.020
10	QPSK	50	0	13.07	0.020	13.15	0.021	13.07	0.020
10	16QAM	1	0	13.22	0.021	13.31	0.021	13.26	0.021
10	16QAM	1	25	13.07	0.020	13.12	0.021	13.09	0.020
10	16QAM	1	49	13.07	0.020	13.10	0.020	13.19	0.021
10	16QAM	25	0	12.28	0.017	12.24	0.017	12.23	0.017
10	16QAM	25	12	12.09	0.016	12.14	0.016	12.16	0.016
10	16QAM	25	25	12.19	0.017	12.23	0.017	12.13	0.016
10	16QAM	50	0	12.12	0.016	12.23	0.017	12.09	0.016
10	64QAM	1	0	12.14	0.016	12.21	0.017	12.21	0.017
10	64QAM	1	25	12.23	0.017	12.34	0.017	12.52	0.018
10	64QAM	1	49	12.09	0.016	12.17	0.016	12.15	0.016
10	64QAM	25	0	11.19	0.013	11.11	0.013	11.21	0.013
10	64QAM	25	12	11.28	0.013	11.24	0.013	11.27	0.013
10	64QAM	25	25	11.28	0.013	11.25	0.013	11.14	0.013
10	64QAM	50	0	11.28	0.013	11.18	0.013	11.25	0.013



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	14.05	0.025	14.10	0.026	14.02	0.025
5	QPSK	1	12	13.94	0.025	14.00	0.025	13.92	0.025
5	QPSK	1	24	13.85	0.024	13.93	0.025	13.83	0.024
5	QPSK	12	0	13.09	0.020	13.15	0.021	13.07	0.020
5	QPSK	12	7	13.05	0.020	13.08	0.020	13.01	0.020
5	QPSK	12	13	12.94	0.020	12.93	0.020	12.95	0.020
5	QPSK	25	0	12.95	0.020	13.03	0.020	12.95	0.020
5	16QAM	1	0	12.90	0.019	12.99	0.020	12.94	0.020
5	16QAM	1	12	12.95	0.020	12.94	0.020	12.97	0.020
5	16QAM	1	24	12.95	0.020	12.98	0.020	13.20	0.021
5	16QAM	12	0	12.16	0.016	12.12	0.016	12.11	0.016
5	16QAM	12	7	11.97	0.016	12.02	0.016	12.04	0.016
5	16QAM	12	13	12.07	0.016	12.11	0.016	12.01	0.016
5	16QAM	25	0	12.00	0.016	12.11	0.016	11.97	0.016
5	64QAM	1	0	12.02	0.016	12.09	0.016	12.09	0.016
5	64QAM	1	12	12.11	0.016	12.22	0.017	12.40	0.017
5	64QAM	1	24	11.97	0.016	12.05	0.016	12.03	0.016
5	64QAM	12	0	11.07	0.013	10.99	0.013	11.09	0.013
5	64QAM	12	7	11.16	0.013	11.12	0.013	11.15	0.013
5	64QAM	12	13	11.16	0.013	11.13	0.013	11.02	0.013
5	64QAM	25	0	11.16	0.013	11.06	0.013	11.13	0.013



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	13.94	0.025	13.99	0.025	13.91	0.025
3	QPSK	1	8	13.83	0.024	13.89	0.024	13.81	0.024
3	QPSK	1	14	13.74	0.024	13.82	0.024	13.72	0.024
3	QPSK	8	0	12.98	0.020	13.04	0.020	12.96	0.020
3	QPSK	8	4	12.94	0.020	12.97	0.020	12.90	0.019
3	QPSK	8	7	12.83	0.019	12.82	0.019	12.84	0.019
3	QPSK	15	0	12.84	0.019	12.92	0.020	12.84	0.019
3	16QAM	1	0	12.79	0.019	12.88	0.019	12.83	0.019
3	16QAM	1	8	12.84	0.019	12.83	0.019	12.86	0.019
3	16QAM	1	14	12.84	0.019	12.87	0.019	13.09	0.020
3	16QAM	8	0	12.05	0.016	12.01	0.016	12.00	0.016
3	16QAM	8	4	11.86	0.015	11.91	0.016	11.93	0.016
3	16QAM	8	7	11.96	0.016	12.00	0.016	11.90	0.015
3	16QAM	15	0	11.89	0.015	12.00	0.016	11.86	0.015
3	64QAM	1	0	11.91	0.016	11.98	0.016	11.98	0.016
3	64QAM	1	8	12.00	0.016	12.11	0.016	12.29	0.017
3	64QAM	1	14	11.86	0.015	11.94	0.016	11.92	0.016
3	64QAM	8	0	10.96	0.012	10.88	0.012	10.98	0.013
3	64QAM	8	4	11.05	0.013	11.01	0.013	11.04	0.013
3	64QAM	8	7	11.05	0.013	11.02	0.013	10.91	0.012
3	64QAM	15	0	11.05	0.013	10.95	0.012	11.02	0.013



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	13.84	0.024	13.89	0.024	13.81	0.024
1.4	QPSK	1	3	13.73	0.024	13.79	0.024	13.71	0.023
1.4	QPSK	1	5	13.64	0.023	13.72	0.024	13.62	0.023
1.4	QPSK	3	0	12.88	0.019	12.94	0.020	12.86	0.019
1.4	QPSK	3	1	12.84	0.019	12.87	0.019	12.80	0.019
1.4	QPSK	3	3	12.73	0.019	12.72	0.019	12.74	0.019
1.4	QPSK	6	0	12.74	0.019	12.82	0.019	12.74	0.019
1.4	16QAM	1	0	12.69	0.019	12.78	0.019	12.73	0.019
1.4	16QAM	1	3	12.74	0.019	12.73	0.019	12.76	0.019
1.4	16QAM	1	5	12.74	0.019	12.77	0.019	12.99	0.020
1.4	16QAM	3	0	11.95	0.016	11.91	0.016	11.90	0.015
1.4	16QAM	3	1	11.76	0.015	11.81	0.015	11.83	0.015
1.4	16QAM	3	3	11.86	0.015	11.90	0.015	11.80	0.015
1.4	16QAM	6	0	11.79	0.015	11.90	0.015	11.76	0.015
1.4	64QAM	1	0	11.81	0.015	11.88	0.015	11.88	0.015
1.4	64QAM	1	3	11.90	0.015	12.01	0.016	12.19	0.017
1.4	64QAM	1	5	11.76	0.015	11.84	0.015	11.82	0.015
1.4	64QAM	3	0	10.86	0.012	10.78	0.012	10.88	0.012
1.4	64QAM	3	1	10.95	0.012	10.91	0.012	10.94	0.012
1.4	64QAM	3	3	10.95	0.012	10.92	0.012	10.81	0.012
1.4	64QAM	6	0	10.95	0.012	10.85	0.012	10.92	0.012



LTE Band 7				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20850		21100		21350	
Frequency (MHz)				2510		2535		2560	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	23.60	0.229	23.66	0.232	23.49	0.223
20	QPSK	1	49	23.48	0.223	23.53	0.225	23.44	0.221
20	QPSK	1	99	23.36	0.217	23.42	0.220	23.29	0.213
20	QPSK	50	0	22.80	0.191	22.82	0.191	22.76	0.189
20	QPSK	50	24	22.75	0.188	22.69	0.186	22.63	0.183
20	QPSK	50	50	22.57	0.181	22.59	0.182	22.60	0.182
20	QPSK	100	0	22.43	0.175	22.47	0.177	22.50	0.178
20	16QAM	1	0	22.77	0.189	22.75	0.188	22.76	0.189
20	16QAM	1	49	22.68	0.185	22.66	0.185	22.78	0.190
20	16QAM	1	99	22.67	0.185	22.72	0.187	22.74	0.188
20	16QAM	50	0	21.78	0.151	21.76	0.150	21.85	0.153
20	16QAM	50	24	21.90	0.155	21.76	0.150	21.88	0.154
20	16QAM	50	50	21.81	0.152	21.95	0.157	21.85	0.153
20	16QAM	100	0	21.99	0.158	21.85	0.153	21.87	0.154
20	64QAM	1	0	21.66	0.147	21.83	0.153	21.93	0.156
20	64QAM	1	49	21.85	0.153	21.96	0.157	22.14	0.164
20	64QAM	1	99	21.71	0.148	22.09	0.162	21.97	0.158
20	64QAM	50	0	20.81	0.121	20.73	0.118	20.83	0.121
20	64QAM	50	24	20.90	0.123	20.86	0.122	20.89	0.123
20	64QAM	50	50	20.90	0.123	20.87	0.122	20.76	0.119
20	64QAM	100	0	20.90	0.123	20.80	0.120	20.87	0.122



LTE Band 7				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20825		21100		21375	
Frequency (MHz)				2507.5		2535		2562.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	23.50	0.224	23.56	0.227	23.39	0.218
15	QPSK	1	37	23.38	0.218	23.43	0.220	23.34	0.216
15	QPSK	1	74	23.26	0.212	23.32	0.215	23.19	0.208
15	QPSK	36	0	22.70	0.186	22.72	0.187	22.66	0.185
15	QPSK	36	20	22.65	0.184	22.59	0.182	22.53	0.179
15	QPSK	36	39	22.47	0.177	22.49	0.177	22.50	0.178
15	QPSK	75	0	22.33	0.171	22.37	0.173	22.40	0.174
15	16QAM	1	0	22.67	0.185	22.65	0.184	22.66	0.185
15	16QAM	1	37	22.58	0.181	22.56	0.180	22.68	0.185
15	16QAM	1	74	22.57	0.181	22.62	0.183	22.64	0.184
15	16QAM	36	0	21.68	0.147	21.66	0.147	21.75	0.150
15	16QAM	36	20	21.80	0.151	21.66	0.147	21.78	0.151
15	16QAM	36	39	21.71	0.148	21.85	0.153	21.75	0.150
15	16QAM	75	0	21.89	0.155	21.75	0.150	21.77	0.150
15	64QAM	1	0	21.56	0.143	21.73	0.149	21.83	0.153
15	64QAM	1	37	21.75	0.150	21.86	0.154	22.04	0.160
15	64QAM	1	74	21.61	0.145	21.99	0.158	21.87	0.154
15	64QAM	36	0	20.71	0.118	20.63	0.116	20.73	0.118
15	64QAM	36	20	20.80	0.120	20.76	0.119	20.79	0.120
15	64QAM	36	39	20.80	0.120	20.77	0.119	20.66	0.116
15	64QAM	75	0	20.80	0.120	20.70	0.118	20.77	0.119



LTE Band 7				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20800		21100		21400	
Frequency (MHz)				2505		2535		2565	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	23.38	0.218	23.44	0.221	23.27	0.212
10	QPSK	1	25	23.26	0.212	23.31	0.214	23.22	0.210
10	QPSK	1	49	23.14	0.206	23.20	0.209	23.07	0.203
10	QPSK	25	0	22.58	0.181	22.60	0.182	22.54	0.179
10	QPSK	25	12	22.53	0.179	22.47	0.177	22.41	0.174
10	QPSK	25	25	22.35	0.172	22.37	0.173	22.38	0.173
10	QPSK	50	0	22.21	0.166	22.25	0.168	22.28	0.169
10	16QAM	1	0	22.55	0.180	22.53	0.179	22.54	0.179
10	16QAM	1	25	22.46	0.176	22.44	0.175	22.56	0.180
10	16QAM	1	49	22.45	0.176	22.50	0.178	22.52	0.179
10	16QAM	25	0	21.56	0.143	21.54	0.143	21.63	0.146
10	16QAM	25	12	21.68	0.147	21.54	0.143	21.66	0.147
10	16QAM	25	25	21.59	0.144	21.73	0.149	21.63	0.146
10	16QAM	50	0	21.77	0.150	21.63	0.146	21.65	0.146
10	64QAM	1	0	21.44	0.139	21.61	0.145	21.71	0.148
10	64QAM	1	25	21.63	0.146	21.74	0.149	21.92	0.156
10	64QAM	1	49	21.49	0.141	21.87	0.154	21.75	0.150
10	64QAM	25	0	20.59	0.115	20.51	0.113	20.61	0.115
10	64QAM	25	12	20.68	0.117	20.64	0.116	20.67	0.117
10	64QAM	25	25	20.68	0.117	20.65	0.116	20.54	0.113
10	64QAM	50	0	20.68	0.117	20.58	0.114	20.65	0.116



LTE Band 7				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20775		21100		21425	
Frequency (MHz)				2502.5		2535		2567.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	23.27	0.212	23.33	0.215	23.16	0.207
5	QPSK	1	12	23.15	0.207	23.20	0.209	23.11	0.205
5	QPSK	1	24	23.03	0.201	23.09	0.204	22.96	0.198
5	QPSK	12	0	22.47	0.177	22.49	0.177	22.43	0.175
5	QPSK	12	7	22.42	0.175	22.36	0.172	22.30	0.170
5	QPSK	12	13	22.24	0.167	22.26	0.168	22.27	0.169
5	QPSK	25	0	22.10	0.162	22.14	0.164	22.17	0.165
5	16QAM	1	0	22.44	0.175	22.42	0.175	22.43	0.175
5	16QAM	1	12	22.35	0.172	22.33	0.171	22.45	0.176
5	16QAM	1	24	22.34	0.172	22.39	0.174	22.41	0.174
5	16QAM	12	0	21.45	0.140	21.43	0.139	21.52	0.142
5	16QAM	12	7	21.57	0.144	21.43	0.139	21.55	0.143
5	16QAM	12	13	21.48	0.141	21.62	0.145	21.52	0.142
5	16QAM	25	0	21.66	0.147	21.52	0.142	21.54	0.143
5	64QAM	1	0	21.33	0.136	21.50	0.141	21.60	0.145
5	64QAM	1	12	21.52	0.142	21.63	0.146	21.81	0.152
5	64QAM	1	24	21.38	0.137	21.76	0.150	21.64	0.146
5	64QAM	12	0	20.48	0.112	20.40	0.110	20.50	0.112
5	64QAM	12	7	20.57	0.114	20.53	0.113	20.56	0.114
5	64QAM	12	13	20.57	0.114	20.54	0.113	20.43	0.110
5	64QAM	25	0	20.57	0.114	20.47	0.112	20.54	0.113



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	14.01	0.025	14.06	0.025	13.97	0.025
10	QPSK	1	25	13.90	0.025	13.81	0.024	13.88	0.024
10	QPSK	1	49	13.80	0.024	13.84	0.024	13.76	0.024
10	QPSK	25	0	12.94	0.020	12.99	0.020	12.98	0.020
10	QPSK	25	12	12.87	0.019	12.99	0.020	12.86	0.019
10	QPSK	25	25	12.82	0.019	12.80	0.019	12.81	0.019
10	QPSK	50	0	12.71	0.019	12.70	0.019	12.74	0.019
10	16QAM	1	0	13.26	0.021	13.36	0.022	13.33	0.022
10	16QAM	1	25	13.30	0.021	13.27	0.021	13.15	0.021
10	16QAM	1	49	13.21	0.021	13.18	0.021	13.06	0.020
10	16QAM	25	0	11.91	0.016	11.96	0.016	12.01	0.016
10	16QAM	25	12	11.85	0.015	11.87	0.015	11.89	0.015
10	16QAM	25	25	11.78	0.015	11.76	0.015	11.80	0.015
10	16QAM	50	0	11.70	0.015	11.71	0.015	11.73	0.015
10	64QAM	1	0	12.17	0.016	12.11	0.016	12.20	0.017
10	64QAM	1	25	12.12	0.016	12.03	0.016	12.07	0.016
10	64QAM	1	49	11.96	0.016	11.98	0.016	12.01	0.016
10	64QAM	25	0	10.94	0.012	10.97	0.013	10.99	0.013
10	64QAM	25	12	10.86	0.012	10.88	0.012	10.90	0.012
10	64QAM	25	25	10.80	0.012	10.83	0.012	10.87	0.012
10	64QAM	50	0	10.78	0.012	10.81	0.012	10.80	0.012



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	13.89	0.024	13.96	0.025	13.81	0.024
5	QPSK	1	12	13.74	0.024	13.75	0.024	13.72	0.024
5	QPSK	1	24	13.66	0.023	13.69	0.023	13.61	0.023
5	QPSK	12	0	12.83	0.019	12.78	0.019	12.82	0.019
5	QPSK	12	7	12.80	0.019	12.75	0.019	12.79	0.019
5	QPSK	12	13	12.74	0.019	12.70	0.019	12.75	0.019
5	QPSK	25	0	12.66	0.018	12.63	0.018	12.67	0.018
5	16QAM	1	0	13.33	0.022	13.30	0.021	13.27	0.021
5	16QAM	1	12	13.24	0.021	13.21	0.021	13.09	0.020
5	16QAM	1	24	13.15	0.021	13.12	0.021	13.00	0.020
5	16QAM	12	0	11.85	0.015	11.90	0.015	11.95	0.016
5	16QAM	12	7	11.79	0.015	11.81	0.015	11.83	0.015
5	16QAM	12	13	11.72	0.015	11.70	0.015	11.74	0.015
5	16QAM	25	0	11.64	0.015	11.65	0.015	11.67	0.015
5	64QAM	1	0	12.11	0.016	12.05	0.016	12.14	0.016
5	64QAM	1	12	12.06	0.016	11.97	0.016	12.01	0.016
5	64QAM	1	24	11.90	0.015	11.92	0.016	11.95	0.016
5	64QAM	12	0	10.88	0.012	10.91	0.012	10.93	0.012
5	64QAM	12	7	10.80	0.012	10.82	0.012	10.84	0.012
5	64QAM	12	13	10.74	0.012	10.77	0.012	10.81	0.012
5	64QAM	25	0	10.72	0.012	10.75	0.012	10.74	0.012



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	13.83	0.024	13.90	0.025	13.75	0.024
3	QPSK	1	8	13.68	0.023	13.69	0.023	13.66	0.023
3	QPSK	1	14	13.60	0.023	13.63	0.023	13.55	0.023
3	QPSK	8	0	12.77	0.019	12.72	0.019	12.76	0.019
3	QPSK	8	4	12.74	0.019	12.69	0.019	12.73	0.019
3	QPSK	8	7	12.68	0.019	12.64	0.018	12.69	0.019
3	QPSK	15	0	12.60	0.018	12.57	0.018	12.61	0.018
3	16QAM	1	0	13.27	0.021	13.24	0.021	13.21	0.021
3	16QAM	1	8	13.18	0.021	13.15	0.021	13.03	0.020
3	16QAM	1	14	13.09	0.020	13.06	0.020	12.94	0.020
3	16QAM	8	0	11.79	0.015	11.84	0.015	11.89	0.015
3	16QAM	8	4	11.73	0.015	11.75	0.015	11.77	0.015
3	16QAM	8	7	11.66	0.015	11.64	0.015	11.68	0.015
3	16QAM	15	0	11.58	0.014	11.59	0.014	11.61	0.014
3	64QAM	1	0	12.05	0.016	11.99	0.016	12.08	0.016
3	64QAM	1	8	12.00	0.016	11.91	0.016	11.95	0.016
3	64QAM	1	14	11.84	0.015	11.86	0.015	11.89	0.015
3	64QAM	8	0	10.82	0.012	10.85	0.012	10.87	0.012
3	64QAM	8	4	10.74	0.012	10.76	0.012	10.78	0.012
3	64QAM	8	7	10.68	0.012	10.71	0.012	10.75	0.012
3	64QAM	15	0	10.66	0.012	10.69	0.012	10.68	0.012



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	13.79	0.024	13.86	0.024	13.71	0.023
1.4	QPSK	1	3	13.64	0.023	13.65	0.023	13.62	0.023
1.4	QPSK	1	5	13.56	0.023	13.59	0.023	13.51	0.022
1.4	QPSK	3	0	12.73	0.019	12.68	0.019	12.72	0.019
1.4	QPSK	3	1	12.70	0.019	12.65	0.018	12.69	0.019
1.4	QPSK	3	3	12.64	0.018	12.60	0.018	12.65	0.018
1.4	QPSK	6	0	12.56	0.018	12.53	0.018	12.57	0.018
1.4	16QAM	1	0	13.23	0.021	13.20	0.021	13.17	0.021
1.4	16QAM	1	3	13.14	0.021	13.11	0.020	12.99	0.020
1.4	16QAM	1	5	13.05	0.020	13.02	0.020	12.90	0.019
1.4	16QAM	3	0	11.75	0.015	11.80	0.015	11.85	0.015
1.4	16QAM	3	1	11.69	0.015	11.71	0.015	11.73	0.015
1.4	16QAM	3	3	11.62	0.015	11.60	0.014	11.64	0.015
1.4	16QAM	6	0	11.54	0.014	11.55	0.014	11.57	0.014
1.4	64QAM	1	0	12.01	0.016	11.95	0.016	12.04	0.016
1.4	64QAM	1	3	11.96	0.016	11.87	0.015	11.91	0.016
1.4	64QAM	1	5	11.80	0.015	11.82	0.015	11.85	0.015
1.4	64QAM	3	0	10.78	0.012	10.81	0.012	10.83	0.012
1.4	64QAM	3	1	10.70	0.012	10.72	0.012	10.74	0.012
1.4	64QAM	3	3	10.64	0.012	10.67	0.012	10.71	0.012
1.4	64QAM	6	0	10.62	0.012	10.65	0.012	10.64	0.012



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	13.87	0.024	13.99	0.025	13.88	0.024
10	QPSK	1	25	13.75	0.024	13.81	0.024	13.79	0.024
10	QPSK	1	49	13.68	0.023	13.71	0.023	13.66	0.023
10	QPSK	25	0	12.87	0.019	12.89	0.019	12.87	0.019
10	QPSK	25	12	12.80	0.019	12.78	0.019	12.75	0.019
10	QPSK	25	25	12.76	0.019	12.72	0.019	12.71	0.019
10	QPSK	50	0	12.73	0.019	12.69	0.019	12.67	0.018
10	16QAM	1	0	13.43	0.022	13.32	0.021	13.31	0.021
10	16QAM	1	25	13.31	0.021	13.27	0.021	13.23	0.021
10	16QAM	1	49	13.17	0.021	13.20	0.021	13.15	0.021
10	16QAM	25	0	11.90	0.015	11.87	0.015	11.85	0.015
10	16QAM	25	12	11.81	0.015	11.83	0.015	11.80	0.015
10	16QAM	25	25	11.76	0.015	11.79	0.015	11.77	0.015
10	16QAM	50	0	11.70	0.015	11.73	0.015	11.68	0.015
10	64QAM	1	0	13.45	0.022	13.22	0.021	13.45	0.022
10	64QAM	1	25	13.32	0.021	13.19	0.021	13.27	0.021
10	64QAM	1	49	13.17	0.021	13.05	0.020	13.05	0.020
10	64QAM	25	0	11.86	0.015	11.84	0.015	11.83	0.015
10	64QAM	25	12	11.78	0.015	11.77	0.015	11.71	0.015
10	64QAM	25	25	11.72	0.015	11.68	0.015	11.63	0.015
10	64QAM	50	0	11.59	0.014	11.60	0.014	11.51	0.014



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	13.83	0.024	13.88	0.024	13.84	0.024
5	QPSK	1	12	13.71	0.023	13.77	0.024	13.75	0.024
5	QPSK	1	24	13.64	0.023	13.67	0.023	13.62	0.023
5	QPSK	12	0	12.85	0.019	12.81	0.019	12.75	0.019
5	QPSK	12	7	12.76	0.019	12.74	0.019	12.71	0.019
5	QPSK	12	13	12.72	0.019	12.68	0.019	12.67	0.018
5	QPSK	25	0	12.69	0.019	12.65	0.018	12.63	0.018
5	16QAM	1	0	13.39	0.022	13.28	0.021	13.27	0.021
5	16QAM	1	12	13.27	0.021	13.23	0.021	13.19	0.021
5	16QAM	1	24	13.13	0.021	13.16	0.021	13.11	0.020
5	16QAM	12	0	11.86	0.015	11.83	0.015	11.81	0.015
5	16QAM	12	7	11.77	0.015	11.79	0.015	11.76	0.015
5	16QAM	12	13	11.72	0.015	11.75	0.015	11.73	0.015
5	16QAM	25	0	11.66	0.015	11.69	0.015	11.64	0.015
5	64QAM	1	0	13.41	0.022	13.18	0.021	13.41	0.022
5	64QAM	1	12	13.28	0.021	13.15	0.021	13.23	0.021
5	64QAM	1	24	13.13	0.021	13.01	0.020	13.01	0.020
5	64QAM	12	0	11.82	0.015	11.80	0.015	11.79	0.015
5	64QAM	12	7	11.74	0.015	11.73	0.015	11.67	0.015
5	64QAM	12	13	11.68	0.015	11.64	0.015	11.59	0.014
5	64QAM	25	0	11.55	0.014	11.56	0.014	11.47	0.014



LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26865		26915		26965	
Frequency (MHz)				831.5		836.5		841.5	
				dbm	W	dbm	W	dbm	W
15	QPSK	1	0	14.02	0.025	13.94	0.025	13.95	0.025
15	QPSK	1	37	13.79	0.024	13.70	0.023	13.72	0.024
15	QPSK	1	74	13.65	0.023	13.55	0.023	13.64	0.023
15	QPSK	36	0	13.05	0.020	12.99	0.020	12.97	0.020
15	QPSK	36	20	13.00	0.020	12.92	0.020	12.96	0.020
15	QPSK	36	39	12.94	0.020	12.91	0.020	12.90	0.019
15	QPSK	75	0	13.01	0.020	12.96	0.020	13.00	0.020
15	16QAM	1	0	13.41	0.022	13.35	0.022	13.21	0.021
15	16QAM	1	37	13.28	0.021	13.22	0.021	13.18	0.021
15	16QAM	1	74	13.15	0.021	13.05	0.020	13.13	0.021
15	16QAM	36	0	12.06	0.016	12.00	0.016	12.02	0.016
15	16QAM	36	20	12.02	0.016	11.97	0.016	11.98	0.016
15	16QAM	36	39	11.99	0.016	11.92	0.016	12.06	0.016
15	16QAM	75	0	12.04	0.016	11.94	0.016	12.02	0.016
15	64QAM	1	0	12.32	0.017	12.26	0.017	12.27	0.017
15	64QAM	1	37	12.18	0.017	12.13	0.016	12.22	0.017
15	64QAM	1	74	12.31	0.017	12.22	0.017	12.28	0.017
15	64QAM	36	0	11.22	0.013	11.17	0.013	11.21	0.013
15	64QAM	36	20	11.08	0.013	11.04	0.013	11.08	0.013
15	64QAM	36	39	11.02	0.013	10.98	0.013	11.08	0.013
15	64QAM	75	0	11.08	0.013	11.07	0.013	11.13	0.013



LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26840		26915		26990	
Frequency (MHz)				829.0		836.5		844.0	
				dbm	W	dbm	W	dbm	W
10	QPSK	1	0	13.78	0.024	13.82	0.024	13.84	0.024
10	QPSK	1	25	13.60	0.023	13.54	0.023	13.61	0.023
10	QPSK	1	49	13.45	0.022	13.43	0.022	13.53	0.023
10	QPSK	25	0	12.80	0.019	12.77	0.019	12.86	0.019
10	QPSK	25	12	12.78	0.019	12.75	0.019	12.85	0.019
10	QPSK	25	25	12.71	0.019	12.76	0.019	12.79	0.019
10	QPSK	50	0	12.83	0.019	12.86	0.019	12.89	0.019
10	16QAM	1	0	13.07	0.020	13.04	0.020	13.10	0.020
10	16QAM	1	25	13.02	0.020	13.05	0.020	13.07	0.020
10	16QAM	1	49	12.98	0.020	12.92	0.020	13.02	0.020
10	16QAM	25	0	11.83	0.015	11.86	0.015	11.91	0.016
10	16QAM	25	12	11.80	0.015	11.79	0.015	11.87	0.015
10	16QAM	25	25	11.91	0.016	11.88	0.015	11.95	0.016
10	16QAM	50	0	11.85	0.015	11.81	0.015	11.91	0.016
10	64QAM	1	0	12.15	0.016	12.09	0.016	12.16	0.016
10	64QAM	1	25	12.08	0.016	12.08	0.016	12.11	0.016
10	64QAM	1	49	12.14	0.016	12.09	0.016	12.17	0.016
10	64QAM	25	0	11.09	0.013	11.01	0.013	11.10	0.013
10	64QAM	25	12	10.95	0.012	10.91	0.012	10.97	0.013
10	64QAM	25	25	10.91	0.012	10.90	0.012	10.97	0.013
10	64QAM	50	0	10.96	0.012	10.96	0.012	11.02	0.013



LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26815		26915		27015	
Frequency (MHz)				826.5		836.5		846.5	
				dbm	W	dbm	W	dbm	W
5	QPSK	1	0	13.67	0.023	13.65	0.023	13.71	0.023
5	QPSK	1	12	13.39	0.022	13.38	0.022	13.48	0.022
5	QPSK	1	24	13.32	0.021	13.36	0.022	13.40	0.022
5	QPSK	12	0	12.63	0.018	12.66	0.018	12.73	0.019
5	QPSK	12	7	12.71	0.019	12.66	0.018	12.72	0.019
5	QPSK	12	13	12.64	0.018	12.65	0.018	12.66	0.018
5	QPSK	25	0	12.72	0.019	12.71	0.019	12.76	0.019
5	16QAM	1	0	12.91	0.020	12.93	0.020	12.97	0.020
5	16QAM	1	12	12.85	0.019	12.90	0.019	12.94	0.020
5	16QAM	1	24	12.86	0.019	12.83	0.019	12.89	0.019
5	16QAM	12	0	11.75	0.015	11.76	0.015	11.78	0.015
5	16QAM	12	7	11.67	0.015	11.72	0.015	11.74	0.015
5	16QAM	12	13	11.74	0.015	11.72	0.015	11.82	0.015
5	16QAM	25	0	11.76	0.015	11.76	0.015	11.78	0.015
5	64QAM	1	0	12.00	0.016	12.01	0.016	12.03	0.016
5	64QAM	1	12	11.94	0.016	11.91	0.016	11.98	0.016
5	64QAM	1	24	11.96	0.016	11.96	0.016	12.04	0.016
5	64QAM	12	0	10.95	0.012	10.96	0.012	10.97	0.013
5	64QAM	12	7	10.76	0.012	10.75	0.012	10.84	0.012
5	64QAM	12	13	10.74	0.012	10.74	0.012	10.84	0.012
5	64QAM	25	0	10.79	0.012	10.83	0.012	10.89	0.012



LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26805		26915		27025	
Frequency (MHz)				825.5		836.5		847.5	
				dbm	W	dbm	W	dbm	W
3	QPSK	1	0	13.56	0.023	13.56	0.023	13.59	0.023
3	QPSK	1	8	13.28	0.021	13.32	0.021	13.36	0.022
3	QPSK	1	14	13.18	0.021	13.25	0.021	13.28	0.021
3	QPSK	8	0	12.54	0.018	12.52	0.018	12.61	0.018
3	QPSK	8	4	12.59	0.018	12.52	0.018	12.60	0.018
3	QPSK	8	7	12.47	0.018	12.46	0.018	12.54	0.018
3	QPSK	15	0	12.60	0.018	12.55	0.018	12.64	0.018
3	16QAM	1	0	12.80	0.019	12.77	0.019	12.85	0.019
3	16QAM	1	8	12.80	0.019	12.77	0.019	12.82	0.019
3	16QAM	1	14	12.69	0.019	12.73	0.019	12.77	0.019
3	16QAM	8	0	11.60	0.014	11.56	0.014	11.66	0.015
3	16QAM	8	4	11.59	0.014	11.56	0.014	11.62	0.015
3	16QAM	8	7	11.66	0.015	11.65	0.015	11.70	0.015
3	16QAM	15	0	11.65	0.015	11.58	0.014	11.66	0.015
3	64QAM	1	0	11.83	0.015	11.82	0.015	11.91	0.016
3	64QAM	1	8	11.83	0.015	11.82	0.015	11.86	0.015
3	64QAM	1	14	11.87	0.015	11.82	0.015	11.92	0.016
3	64QAM	8	0	10.80	0.012	10.77	0.012	10.85	0.012
3	64QAM	8	4	10.63	0.012	10.62	0.012	10.72	0.012
3	64QAM	8	7	10.64	0.012	10.63	0.012	10.72	0.012
3	64QAM	15	0	10.72	0.012	10.72	0.012	10.77	0.012



LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26797		26915		27033	
Frequency (MHz)				824.7		836.5		848.3	
				dbm	W	dbm	W	dbm	W
1.4	QPSK	1	0	13.42	0.022	13.44	0.022	13.46	0.022
1.4	QPSK	1	3	13.14	0.021	13.17	0.021	13.23	0.021
1.4	QPSK	1	5	13.12	0.021	13.05	0.020	13.15	0.021
1.4	QPSK	3	0	12.42	0.017	12.39	0.017	12.48	0.018
1.4	QPSK	3	1	12.37	0.017	12.39	0.017	12.47	0.018
1.4	QPSK	3	3	12.32	0.017	12.38	0.017	12.41	0.017
1.4	QPSK	6	0	12.49	0.018	12.43	0.017	12.51	0.018
1.4	16QAM	1	0	12.71	0.019	12.71	0.019	12.72	0.019
1.4	16QAM	1	3	12.64	0.018	12.63	0.018	12.69	0.019
1.4	16QAM	1	5	12.60	0.018	12.62	0.018	12.64	0.018
1.4	16QAM	3	0	11.47	0.014	11.50	0.014	11.53	0.014
1.4	16QAM	3	1	11.47	0.014	11.45	0.014	11.49	0.014
1.4	16QAM	3	3	11.56	0.014	11.53	0.014	11.57	0.014
1.4	16QAM	6	0	11.48	0.014	11.46	0.014	11.53	0.014
1.4	64QAM	1	0	11.68	0.015	11.74	0.015	11.78	0.015
1.4	64QAM	1	3	11.65	0.015	11.72	0.015	11.73	0.015
1.4	64QAM	1	5	11.73	0.015	11.70	0.015	11.79	0.015
1.4	64QAM	3	0	10.67	0.012	10.69	0.012	10.72	0.012
1.4	64QAM	3	1	10.58	0.011	10.49	0.011	10.59	0.011
1.4	64QAM	3	3	10.51	0.011	10.58	0.011	10.59	0.011
1.4	64QAM	6	0	10.57	0.011	10.62	0.012	10.64	0.012



LTE Band 38				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				37850		38000		38150	
Frequency (MHz)				2580		2595		2610	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	24.12	0.258	24.15	0.260	24.11	0.258
20	QPSK	1	49	23.98	0.250	24.03	0.253	23.99	0.251
20	QPSK	1	99	23.82	0.241	23.90	0.245	23.87	0.244
20	QPSK	50	0	23.02	0.200	23.12	0.205	23.09	0.204
20	QPSK	50	24	22.89	0.195	23.01	0.200	22.98	0.199
20	QPSK	50	50	22.91	0.195	22.83	0.192	22.91	0.195
20	QPSK	100	0	22.86	0.193	22.91	0.195	22.87	0.194
20	16QAM	1	0	23.23	0.210	23.22	0.210	23.18	0.208
20	16QAM	1	49	23.13	0.206	23.11	0.205	23.07	0.203
20	16QAM	1	99	22.96	0.198	22.97	0.198	22.99	0.199
20	16QAM	50	0	21.86	0.153	21.88	0.154	21.91	0.155
20	16QAM	50	24	21.77	0.150	21.82	0.152	21.76	0.150
20	16QAM	50	50	21.69	0.148	21.73	0.149	21.70	0.148
20	16QAM	100	0	21.61	0.145	21.65	0.146	21.68	0.147
20	64QAM	1	0	22.32	0.171	22.28	0.169	22.30	0.170
20	64QAM	1	49	22.28	0.169	22.26	0.168	22.21	0.166
20	64QAM	1	99	22.14	0.164	22.11	0.163	22.15	0.164
20	64QAM	50	0	21.69	0.148	21.67	0.147	21.70	0.148
20	64QAM	50	24	21.57	0.144	21.64	0.146	21.61	0.145
20	64QAM	50	50	21.54	0.143	21.65	0.146	21.70	0.148
20	64QAM	100	0	21.51	0.142	21.67	0.147	21.44	0.139



LTE Band 38				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				37825		38000		38175	
Frequency (MHz)				2577.5		2595		2612.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	24.01	0.252	24.04	0.254	24.00	0.251
15	QPSK	1	37	23.87	0.244	23.92	0.247	23.88	0.244
15	QPSK	1	74	23.71	0.235	23.79	0.239	23.76	0.238
15	QPSK	36	0	22.91	0.195	23.01	0.200	22.98	0.199
15	QPSK	36	20	22.78	0.190	22.90	0.195	22.87	0.194
15	QPSK	36	39	22.80	0.191	22.72	0.187	22.80	0.191
15	QPSK	75	0	22.75	0.188	22.80	0.191	22.76	0.189
15	16QAM	1	0	23.12	0.205	23.11	0.205	23.07	0.203
15	16QAM	1	37	23.02	0.200	23.00	0.200	22.96	0.198
15	16QAM	1	74	22.85	0.193	22.86	0.193	22.88	0.194
15	16QAM	36	0	21.75	0.150	21.77	0.150	21.80	0.151
15	16QAM	36	20	21.66	0.147	21.71	0.148	21.65	0.146
15	16QAM	36	39	21.58	0.144	21.62	0.145	21.59	0.144
15	16QAM	75	0	21.50	0.141	21.54	0.143	21.57	0.144
15	64QAM	1	0	22.21	0.166	22.17	0.165	22.19	0.166
15	64QAM	1	37	22.17	0.165	22.15	0.164	22.10	0.162
15	64QAM	1	74	22.03	0.160	22.00	0.158	22.04	0.160
15	64QAM	36	0	21.58	0.144	21.56	0.143	21.59	0.144
15	64QAM	36	20	21.46	0.140	21.53	0.142	21.50	0.141
15	64QAM	36	39	21.43	0.139	21.54	0.143	21.59	0.144
15	64QAM	75	0	21.40	0.138	21.56	0.143	21.33	0.136



LTE Band 38				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				37800		38000		38200	
Frequency (MHz)				2575		2595		2615	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	23.88	0.244	23.91	0.246	23.87	0.244
10	QPSK	1	25	23.74	0.237	23.79	0.239	23.75	0.237
10	QPSK	1	49	23.58	0.228	23.66	0.232	23.63	0.231
10	QPSK	25	0	22.78	0.190	22.88	0.194	22.85	0.193
10	QPSK	25	12	22.65	0.184	22.77	0.189	22.74	0.188
10	QPSK	25	25	22.67	0.185	22.59	0.182	22.67	0.185
10	QPSK	50	0	22.62	0.183	22.67	0.185	22.63	0.183
10	16QAM	1	0	22.99	0.199	22.98	0.199	22.94	0.197
10	16QAM	1	25	22.89	0.195	22.87	0.194	22.83	0.192
10	16QAM	1	49	22.72	0.187	22.73	0.187	22.75	0.188
10	16QAM	25	0	21.62	0.145	21.64	0.146	21.67	0.147
10	16QAM	25	12	21.53	0.142	21.58	0.144	21.52	0.142
10	16QAM	25	25	21.45	0.140	21.49	0.141	21.46	0.140
10	16QAM	50	0	21.37	0.137	21.41	0.138	21.44	0.139
10	64QAM	1	0	22.08	0.161	22.04	0.160	22.06	0.161
10	64QAM	1	25	22.04	0.160	22.02	0.159	21.97	0.157
10	64QAM	1	49	21.90	0.155	21.87	0.154	21.91	0.155
10	64QAM	25	0	21.45	0.140	21.43	0.139	21.46	0.140
10	64QAM	25	12	21.33	0.136	21.40	0.138	21.37	0.137
10	64QAM	25	25	21.30	0.135	21.41	0.138	21.46	0.140
10	64QAM	50	0	21.27	0.134	21.43	0.139	21.20	0.132



LTE Band 38				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				37775		38000		38225	
Frequency (MHz)				2572.5		2595		2617.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	23.76	0.238	23.79	0.239	23.75	0.237
5	QPSK	1	12	23.62	0.230	23.67	0.233	23.63	0.231
5	QPSK	1	24	23.46	0.222	23.54	0.226	23.51	0.224
5	QPSK	12	0	22.66	0.185	22.76	0.189	22.73	0.187
5	QPSK	12	7	22.53	0.179	22.65	0.184	22.62	0.183
5	QPSK	12	13	22.55	0.180	22.47	0.177	22.55	0.180
5	QPSK	25	0	22.50	0.178	22.55	0.180	22.51	0.178
5	16QAM	1	0	22.87	0.194	22.86	0.193	22.82	0.191
5	16QAM	1	12	22.77	0.189	22.75	0.188	22.71	0.187
5	16QAM	1	24	22.60	0.182	22.61	0.182	22.63	0.183
5	16QAM	12	0	21.50	0.141	21.52	0.142	21.55	0.143
5	16QAM	12	7	21.41	0.138	21.46	0.140	21.40	0.138
5	16QAM	12	13	21.33	0.136	21.37	0.137	21.34	0.136
5	16QAM	25	0	21.25	0.133	21.29	0.135	21.32	0.136
5	64QAM	1	0	21.96	0.157	21.92	0.156	21.94	0.156
5	64QAM	1	12	21.92	0.156	21.90	0.155	21.85	0.153
5	64QAM	1	24	21.78	0.151	21.75	0.150	21.79	0.151
5	64QAM	12	0	21.33	0.136	21.31	0.135	21.34	0.136
5	64QAM	12	7	21.21	0.132	21.28	0.134	21.25	0.133
5	64QAM	12	13	21.18	0.131	21.29	0.135	21.34	0.136
5	64QAM	25	0	21.15	0.130	21.31	0.135	21.08	0.128



LTE Band 41				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39750		40620		41490	
Frequency (MHz)				2506		2593		2680	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	23.62	0.230	23.81	0.240	23.67	0.233
20	QPSK	1	49	23.55	0.226	23.66	0.232	23.58	0.228
20	QPSK	1	99	23.48	0.223	23.51	0.224	23.56	0.227
20	QPSK	50	0	22.75	0.188	22.78	0.190	22.70	0.186
20	QPSK	50	24	22.60	0.182	22.61	0.182	22.64	0.184
20	QPSK	50	50	22.56	0.180	22.48	0.177	22.60	0.182
20	QPSK	100	0	22.49	0.177	22.44	0.175	22.48	0.177
20	16QAM	1	0	23.01	0.200	23.03	0.201	23.02	0.200
20	16QAM	1	49	22.85	0.193	22.88	0.194	22.89	0.195
20	16QAM	1	99	22.71	0.187	22.80	0.191	22.73	0.187
20	16QAM	50	0	21.70	0.148	21.72	0.149	21.75	0.150
20	16QAM	50	24	21.60	0.145	21.60	0.145	21.61	0.145
20	16QAM	50	50	21.54	0.143	21.49	0.141	21.54	0.143
20	16QAM	100	0	21.46	0.140	21.44	0.139	21.36	0.137
20	64QAM	1	0	22.33	0.171	22.32	0.171	22.25	0.168
20	64QAM	1	49	22.54	0.179	22.40	0.174	22.25	0.168
20	64QAM	1	99	22.41	0.174	22.32	0.171	22.29	0.169
20	64QAM	50	0	21.31	0.135	21.34	0.136	21.27	0.134
20	64QAM	50	24	21.21	0.132	21.23	0.133	21.22	0.132
20	64QAM	50	50	21.24	0.133	21.18	0.131	21.18	0.131
20	64QAM	100	0	21.15	0.130	21.13	0.130	21.14	0.130



LTE Band 41				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39725		40620		41515	
Frequency (MHz)				2503.5		2593		2682.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	23.50	0.224	23.69	0.234	23.55	0.226
15	QPSK	1	37	23.43	0.220	23.54	0.226	23.46	0.222
15	QPSK	1	74	23.36	0.217	23.39	0.218	23.44	0.221
15	QPSK	36	0	22.63	0.183	22.66	0.185	22.58	0.181
15	QPSK	36	20	22.48	0.177	22.49	0.177	22.52	0.179
15	QPSK	36	39	22.44	0.175	22.36	0.172	22.48	0.177
15	QPSK	75	0	22.37	0.173	22.32	0.171	22.36	0.172
15	16QAM	1	0	22.89	0.195	22.91	0.195	22.90	0.195
15	16QAM	1	37	22.73	0.187	22.76	0.189	22.77	0.189
15	16QAM	1	74	22.59	0.182	22.68	0.185	22.61	0.182
15	16QAM	36	0	21.58	0.144	21.60	0.145	21.63	0.146
15	16QAM	36	20	21.48	0.141	21.48	0.141	21.49	0.141
15	16QAM	36	39	21.42	0.139	21.37	0.137	21.42	0.139
15	16QAM	75	0	21.34	0.136	21.32	0.136	21.24	0.133
15	64QAM	1	0	22.21	0.166	22.20	0.166	22.13	0.163
15	64QAM	1	37	22.42	0.175	22.28	0.169	22.13	0.163
15	64QAM	1	74	22.29	0.169	22.20	0.166	22.17	0.165
15	64QAM	36	0	21.19	0.132	21.22	0.132	21.15	0.130
15	64QAM	36	20	21.09	0.129	21.11	0.129	21.10	0.129
15	64QAM	36	39	21.12	0.129	21.06	0.128	21.06	0.128
15	64QAM	75	0	21.03	0.127	21.01	0.126	21.02	0.126



LTE Band 41				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39700		40620		41540	
Frequency (MHz)				2501		2593		2685	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	23.37	0.217	23.56	0.227	23.42	0.220
10	QPSK	1	25	23.30	0.214	23.41	0.219	23.33	0.215
10	QPSK	1	49	23.23	0.210	23.26	0.212	23.31	0.214
10	QPSK	25	0	22.50	0.178	22.53	0.179	22.45	0.176
10	QPSK	25	12	22.35	0.172	22.36	0.172	22.39	0.173
10	QPSK	25	25	22.31	0.170	22.23	0.167	22.35	0.172
10	QPSK	50	0	22.24	0.167	22.19	0.166	22.23	0.167
10	16QAM	1	0	22.76	0.189	22.78	0.190	22.77	0.189
10	16QAM	1	25	22.60	0.182	22.63	0.183	22.64	0.184
10	16QAM	1	49	22.46	0.176	22.55	0.180	22.48	0.177
10	16QAM	25	0	21.45	0.140	21.47	0.140	21.50	0.141
10	16QAM	25	12	21.35	0.136	21.35	0.136	21.36	0.137
10	16QAM	25	25	21.29	0.135	21.24	0.133	21.29	0.135
10	16QAM	50	0	21.21	0.132	21.19	0.132	21.11	0.129
10	64QAM	1	0	22.08	0.161	22.07	0.161	22.00	0.158
10	64QAM	1	25	22.29	0.169	22.15	0.164	22.00	0.158
10	64QAM	1	49	22.16	0.164	22.07	0.161	22.04	0.160
10	64QAM	25	0	21.06	0.128	21.09	0.129	21.02	0.126
10	64QAM	25	12	20.96	0.125	20.98	0.125	20.97	0.125
10	64QAM	25	25	20.99	0.126	20.93	0.124	20.93	0.124
10	64QAM	50	0	20.90	0.123	20.88	0.122	20.89	0.123



LTE Band 41				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39675		40620		41565	
Frequency (MHz)				2498.5		2593		2687.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	23.25	0.211	23.44	0.221	23.30	0.214
5	QPSK	1	12	23.18	0.208	23.29	0.213	23.21	0.209
5	QPSK	1	24	23.11	0.205	23.14	0.206	23.19	0.208
5	QPSK	12	0	22.38	0.173	22.41	0.174	22.33	0.171
5	QPSK	12	7	22.23	0.167	22.24	0.167	22.27	0.169
5	QPSK	12	13	22.19	0.166	22.11	0.163	22.23	0.167
5	QPSK	25	0	22.12	0.163	22.07	0.161	22.11	0.163
5	16QAM	1	0	22.64	0.184	22.66	0.185	22.65	0.184
5	16QAM	1	12	22.48	0.177	22.51	0.178	22.52	0.179
5	16QAM	1	24	22.34	0.171	22.43	0.175	22.36	0.172
5	16QAM	12	0	21.33	0.136	21.35	0.136	21.38	0.137
5	16QAM	12	7	21.23	0.133	21.23	0.133	21.24	0.133
5	16QAM	12	13	21.17	0.131	21.12	0.129	21.17	0.131
5	16QAM	25	0	21.09	0.129	21.07	0.128	20.99	0.126
5	64QAM	1	0	21.96	0.157	21.95	0.157	21.88	0.154
5	64QAM	1	12	22.17	0.165	22.03	0.160	21.88	0.154
5	64QAM	1	24	22.04	0.160	21.95	0.157	21.92	0.156
5	64QAM	12	0	20.94	0.124	20.97	0.125	20.90	0.123
5	64QAM	12	7	20.84	0.121	20.86	0.122	20.85	0.122
5	64QAM	12	13	20.87	0.122	20.81	0.121	20.81	0.121
5	64QAM	25	0	20.78	0.120	20.76	0.119	20.77	0.119



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	21.49	0.141	21.60	0.145	21.55	0.143
20	QPSK	1	49	21.41	0.138	21.48	0.141	21.43	0.139
20	QPSK	1	99	21.26	0.134	21.39	0.138	21.35	0.136
20	QPSK	50	0	20.63	0.116	20.68	0.117	20.64	0.116
20	QPSK	50	24	20.50	0.112	20.46	0.111	20.55	0.114
20	QPSK	50	50	20.38	0.109	20.35	0.108	20.52	0.113
20	QPSK	100	0	20.31	0.107	20.27	0.106	20.36	0.109
20	16QAM	1	0	20.46	0.111	20.51	0.112	20.47	0.111
20	16QAM	1	49	20.44	0.111	20.38	0.109	20.54	0.113
20	16QAM	1	99	20.37	0.109	20.45	0.111	20.52	0.113
20	16QAM	50	0	19.58	0.091	19.50	0.089	19.55	0.090
20	16QAM	50	24	19.54	0.090	19.57	0.091	19.63	0.092
20	16QAM	50	50	19.69	0.093	19.56	0.090	19.50	0.089
20	16QAM	100	0	19.74	0.094	19.54	0.090	19.59	0.091
20	64QAM	1	0	19.48	0.089	19.66	0.092	19.73	0.094
20	64QAM	1	49	19.63	0.092	19.63	0.092	19.67	0.093
20	64QAM	1	99	19.60	0.091	19.74	0.094	19.79	0.095
20	64QAM	50	0	18.69	0.074	18.67	0.074	18.69	0.074
20	64QAM	50	24	18.79	0.076	18.69	0.074	18.57	0.072
20	64QAM	50	50	18.74	0.075	18.62	0.073	18.51	0.071
20	64QAM	100	0	18.56	0.072	18.64	0.073	18.55	0.072



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	21.37	0.137	21.48	0.141	21.43	0.139
15	QPSK	1	37	21.29	0.135	21.36	0.137	21.31	0.135
15	QPSK	1	74	21.14	0.130	21.27	0.134	21.23	0.133
15	QPSK	36	0	20.51	0.112	20.56	0.114	20.52	0.113
15	QPSK	36	20	20.38	0.109	20.34	0.108	20.43	0.110
15	QPSK	36	39	20.26	0.106	20.23	0.105	20.40	0.110
15	QPSK	75	0	20.19	0.104	20.15	0.104	20.24	0.106
15	16QAM	1	0	20.34	0.108	20.39	0.109	20.35	0.108
15	16QAM	1	37	20.32	0.108	20.26	0.106	20.42	0.110
15	16QAM	1	74	20.25	0.106	20.33	0.108	20.40	0.110
15	16QAM	36	0	19.46	0.088	19.38	0.087	19.43	0.088
15	16QAM	36	20	19.42	0.087	19.45	0.088	19.51	0.089
15	16QAM	36	39	19.57	0.091	19.44	0.088	19.38	0.087
15	16QAM	75	0	19.62	0.092	19.42	0.087	19.47	0.089
15	64QAM	1	0	19.36	0.086	19.54	0.090	19.61	0.091
15	64QAM	1	37	19.51	0.089	19.51	0.089	19.55	0.090
15	64QAM	1	74	19.48	0.089	19.62	0.092	19.67	0.093
15	64QAM	36	0	18.57	0.072	18.55	0.072	18.57	0.072
15	64QAM	36	20	18.67	0.074	18.57	0.072	18.45	0.070
15	64QAM	36	39	18.62	0.073	18.50	0.071	18.39	0.069
15	64QAM	75	0	18.44	0.070	18.52	0.071	18.43	0.070



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	21.25	0.133	21.36	0.137	21.31	0.135
10	QPSK	1	25	21.17	0.131	21.24	0.133	21.19	0.132
10	QPSK	1	49	21.02	0.126	21.15	0.130	21.11	0.129
10	QPSK	25	0	20.39	0.109	20.44	0.111	20.40	0.110
10	QPSK	25	12	20.26	0.106	20.22	0.105	20.31	0.107
10	QPSK	25	25	20.14	0.103	20.11	0.103	20.28	0.107
10	QPSK	50	0	20.07	0.102	20.03	0.101	20.12	0.103
10	16QAM	1	0	20.22	0.105	20.27	0.106	20.23	0.105
10	16QAM	1	25	20.20	0.105	20.14	0.103	20.30	0.107
10	16QAM	1	49	20.13	0.103	20.21	0.105	20.28	0.107
10	16QAM	25	0	19.34	0.086	19.26	0.084	19.31	0.085
10	16QAM	25	12	19.30	0.085	19.33	0.086	19.39	0.087
10	16QAM	25	25	19.45	0.088	19.32	0.086	19.26	0.084
10	16QAM	50	0	19.50	0.089	19.30	0.085	19.35	0.086
10	64QAM	1	0	19.24	0.084	19.42	0.087	19.49	0.089
10	64QAM	1	25	19.39	0.087	19.39	0.087	19.43	0.088
10	64QAM	1	49	19.36	0.086	19.50	0.089	19.55	0.090
10	64QAM	25	0	18.45	0.070	18.43	0.070	18.45	0.070
10	64QAM	25	12	18.55	0.072	18.45	0.070	18.33	0.068
10	64QAM	25	25	18.50	0.071	18.38	0.069	18.27	0.067
10	64QAM	50	0	18.32	0.068	18.40	0.069	18.31	0.068



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	21.14	0.130	21.25	0.133	21.20	0.132
5	QPSK	1	12	21.06	0.128	21.13	0.130	21.08	0.128
5	QPSK	1	24	20.91	0.123	21.04	0.127	21.00	0.126
5	QPSK	12	0	20.28	0.107	20.33	0.108	20.29	0.107
5	QPSK	12	7	20.15	0.104	20.11	0.103	20.20	0.105
5	QPSK	12	13	20.03	0.101	20.00	0.100	20.17	0.104
5	QPSK	25	0	19.96	0.099	19.92	0.098	20.01	0.100
5	16QAM	1	0	20.11	0.103	20.16	0.104	20.12	0.103
5	16QAM	1	12	20.09	0.102	20.03	0.101	20.19	0.104
5	16QAM	1	24	20.02	0.100	20.10	0.102	20.17	0.104
5	16QAM	12	0	19.23	0.084	19.15	0.082	19.20	0.083
5	16QAM	12	7	19.19	0.083	19.22	0.084	19.28	0.085
5	16QAM	12	13	19.34	0.086	19.21	0.083	19.15	0.082
5	16QAM	25	0	19.39	0.087	19.19	0.083	19.24	0.084
5	64QAM	1	0	19.13	0.082	19.31	0.085	19.38	0.087
5	64QAM	1	12	19.28	0.085	19.28	0.085	19.32	0.086
5	64QAM	1	24	19.25	0.084	19.39	0.087	19.44	0.088
5	64QAM	12	0	18.34	0.068	18.32	0.068	18.24	0.067
5	64QAM	12	7	18.44	0.070	18.34	0.068	18.22	0.066
5	64QAM	12	13	18.39	0.069	18.27	0.067	18.16	0.065
5	64QAM	25	0	18.21	0.066	18.29	0.067	18.20	0.066



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	21.26	0.134	21.37	0.137	21.32	0.136
3	QPSK	1	8	21.18	0.131	21.25	0.133	21.20	0.132
3	QPSK	1	14	21.03	0.127	21.16	0.131	21.12	0.129
3	QPSK	8	0	20.40	0.110	20.36	0.109	20.45	0.111
3	QPSK	8	4	20.27	0.106	20.23	0.105	20.32	0.108
3	QPSK	8	7	20.15	0.104	20.12	0.103	20.29	0.107
3	QPSK	15	0	20.08	0.102	20.04	0.101	20.13	0.103
3	16QAM	1	0	20.97	0.125	21.00	0.126	20.94	0.124
3	16QAM	1	8	20.89	0.123	20.93	0.124	20.87	0.122
3	16QAM	1	14	20.74	0.119	20.80	0.120	20.75	0.119
3	16QAM	8	0	19.37	0.086	19.43	0.088	19.52	0.090
3	16QAM	8	4	19.26	0.084	19.35	0.086	19.45	0.088
3	16QAM	8	7	19.20	0.083	19.22	0.084	19.38	0.087
3	16QAM	15	0	19.13	0.082	19.16	0.082	19.23	0.084
3	64QAM	1	0	20.80	0.120	20.72	0.118	20.90	0.123
3	64QAM	1	8	20.67	0.117	20.65	0.116	20.77	0.119
3	64QAM	1	14	20.60	0.115	20.57	0.114	20.69	0.117
3	64QAM	8	0	19.40	0.087	19.37	0.086	19.34	0.086
3	64QAM	8	4	19.25	0.084	19.24	0.084	19.37	0.086
3	64QAM	8	7	19.18	0.083	19.17	0.083	19.29	0.085
3	64QAM	15	0	19.10	0.081	19.05	0.080	19.14	0.082



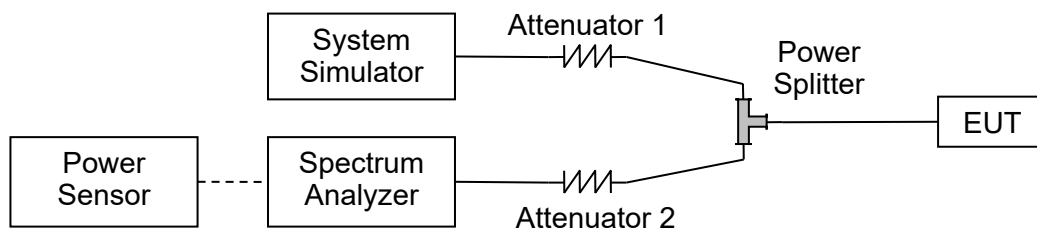
LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				131979		132322		132665	
Frequency (MHz)				1710.7		1745		1779.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	21.02	0.126	21.13	0.130	21.08	0.128
1.4	QPSK	1	3	20.94	0.124	21.01	0.126	20.96	0.125
1.4	QPSK	1	5	20.79	0.120	20.92	0.124	20.88	0.122
1.4	QPSK	3	0	20.16	0.104	20.21	0.105	20.17	0.104
1.4	QPSK	3	1	20.03	0.101	19.99	0.100	20.08	0.102
1.4	QPSK	3	3	19.91	0.098	19.88	0.097	20.05	0.101
1.4	QPSK	6	0	19.84	0.096	19.80	0.095	19.89	0.097
1.4	16QAM	1	0	19.99	0.100	20.04	0.101	20.00	0.100
1.4	16QAM	1	3	19.97	0.099	19.91	0.098	20.07	0.102
1.4	16QAM	1	5	19.90	0.098	19.98	0.100	20.05	0.101
1.4	16QAM	3	0	19.11	0.081	19.03	0.080	19.08	0.081
1.4	16QAM	3	1	19.07	0.081	19.10	0.081	19.16	0.082
1.4	16QAM	3	3	19.22	0.084	19.09	0.081	19.03	0.080
1.4	16QAM	6	0	19.27	0.085	19.07	0.081	19.12	0.082
1.4	64QAM	1	0	19.01	0.080	19.19	0.083	19.26	0.084
1.4	64QAM	1	3	19.16	0.082	19.16	0.082	19.20	0.083
1.4	64QAM	1	5	19.13	0.082	19.27	0.085	19.32	0.086
1.4	64QAM	3	0	18.22	0.066	18.20	0.066	18.22	0.066
1.4	64QAM	3	1	18.32	0.068	18.22	0.066	18.10	0.065
1.4	64QAM	3	3	18.27	0.067	18.15	0.065	18.04	0.064
1.4	64QAM	6	0	18.09	0.064	18.17	0.066	18.08	0.064

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	1.23
	Low	16QAM	1.10	1.24
	Low	64QAM	1.09	1.24
	Mid	QPSK	1.10	1.23
	Mid	16QAM	1.10	1.23
	Mid	64QAM	1.09	1.25
	High	QPSK	1.09	1.24
	High	16QAM	1.10	1.24
	High	64QAM	1.09	1.24
3	Low	QPSK	2.70	2.98
	Low	16QAM	2.70	3.01
	Low	64QAM	2.71	3.0
	Mid	QPSK	2.70	2.99
	Mid	16QAM	2.70	3.01
	Mid	64QAM	2.71	3.02
	High	QPSK	2.70	2.98
	High	16QAM	2.70	3.01
	High	64QAM	2.70	3.01
5	Low	QPSK	4.50	5.01
	Low	16QAM	4.50	4.99
	Low	64QAM	4.49	4.96
	Mid	QPSK	4.50	4.99
	Mid	16QAM	4.51	4.97
	Mid	64QAM	4.50	4.98
	High	QPSK	4.50	5.00
	High	16QAM	4.51	4.97
	High	64QAM	4.51	4.94
10	Low	QPSK	9.00	9.8
	Low	16QAM	8.98	9.74
	Low	64QAM	9.00	9.85
	Mid	QPSK	9.00	9.83
	Mid	16QAM	8.98	9.70
	Mid	64QAM	8.98	9.81
	High	QPSK	9.03	9.85
	High	16QAM	8.97	9.78
	High	64QAM	9.00	9.87



15	Low	QPSK	13.50	14.65
	Low	16QAM	13.47	14.68
	Low	64QAM	13.47	14.61
	Mid	QPSK	13.49	14.64
	Mid	16QAM	13.48	14.74
	Mid	64QAM	13.48	14.74
	High	QPSK	13.51	14.69
	High	16QAM	13.48	14.75
	High	64QAM	13.48	14.68
20	Low	QPSK	17.98	19.55
	Low	16QAM	17.99	19.61
	Low	64QAM	17.95	19.45
	Mid	QPSK	17.96	19.55
	Mid	16QAM	17.96	19.55
	Mid	64QAM	17.94	19.48
	High	QPSK	17.98	19.64
	High	16QAM	18.01	19.64
	High	64QAM	18.01	19.59



LTE Band 4				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.09	1.25
	Low	16QAM	1.10	1.23
	Low	64QAM	1.09	1.24
	Mid	QPSK	1.09	1.24
	Mid	16QAM	1.09	1.23
	Mid	64QAM	1.09	1.24
	High	QPSK	1.10	1.24
	High	16QAM	1.10	1.24
	High	64QAM	1.09	1.24
3	Low	QPSK	2.70	3.0
	Low	16QAM	2.70	3.02
	Low	64QAM	2.71	3.01
	Mid	QPSK	2.70	3.0
	Mid	16QAM	2.70	3.02
	Mid	64QAM	2.70	3.02
	High	QPSK	2.70	3.01
	High	16QAM	2.70	3.01
	High	64QAM	2.71	3.00
5	Low	QPSK	4.50	4.96
	Low	16QAM	4.50	4.98
	Low	64QAM	4.50	4.95
	Mid	QPSK	4.50	4.98
	Mid	16QAM	4.51	4.95
	Mid	64QAM	4.50	4.98
	High	QPSK	4.51	4.99
	High	16QAM	4.51	4.95
	High	64QAM	4.51	4.97
10	Low	QPSK	8.99	9.82
	Low	16QAM	8.97	9.78
	Low	64QAM	8.99	9.81
	Mid	QPSK	9.00	9.76
	Mid	16QAM	8.97	9.76
	Mid	64QAM	9.00	9.79
	High	QPSK	9.00	9.86
	High	16QAM	8.98	9.76
	High	64QAM	8.99	9.83



15	Low	QPSK	13.49	14.66
	Low	16QAM	13.46	14.66
	Low	64QAM	13.45	14.70
	Mid	QPSK	13.46	14.63
	Mid	16QAM	13.48	14.65
	Mid	64QAM	13.46	14.66
	High	QPSK	13.47	14.71
	High	16QAM	13.47	14.71
	High	64QAM	13.48	14.72
20	Low	QPSK	17.94	19.51
	Low	16QAM	17.98	19.50
	Low	64QAM	17.95	19.48
	Mid	QPSK	17.97	19.47
	Mid	16QAM	17.95	19.49
	Mid	64QAM	17.94	19.61
	High	QPSK	17.96	19.57
	High	16QAM	17.99	19.58
	High	64QAM	17.94	19.54



LTE Band 5				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.09	1.23
	Low	16QAM	1.10	1.23
	Low	64QAM	1.10	1.23
	Mid	QPSK	1.09	1.24
	Mid	16QAM	1.09	1.24
	Mid	64QAM	1.10	1.24
	High	QPSK	1.09	1.24
	High	16QAM	1.09	1.24
	High	64QAM	1.09	1.25
3	Low	QPSK	2.70	3.02
	Low	16QAM	2.70	3.01
	Low	64QAM	2.71	3.01
	Mid	QPSK	2.70	2.99
	Mid	16QAM	2.70	3.01
	Mid	64QAM	2.71	3.00
	High	QPSK	2.70	3.00
	High	16QAM	2.70	3.01
	High	64QAM	2.75	2.91
5	Low	QPSK	4.50	4.98
	Low	16QAM	4.51	4.98
	Low	64QAM	4.50	4.95
	Mid	QPSK	4.51	5.00
	Mid	16QAM	4.51	4.96
	Mid	64QAM	4.51	4.95
	High	QPSK	4.50	5.01
	High	16QAM	4.51	4.97
	High	64QAM	4.51	4.97
10	Low	QPSK	9.01	9.84
	Low	16QAM	8.97	9.83
	Low	64QAM	8.99	9.86
	Mid	QPSK	8.99	9.82
	Mid	16QAM	8.97	9.72
	Mid	64QAM	8.98	9.90
	High	QPSK	9.00	9.83
	High	16QAM	9.25	9.48
	High	64QAM	9.14	9.39



LTE Band 7				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.50	4.96
	Low	16QAM	4.51	4.96
	Low	64QAM	4.50	4.95
	Mid	QPSK	4.50	5.01
	Mid	16QAM	4.51	4.98
	Mid	64QAM	4.50	4.97
	High	QPSK	4.50	4.98
	High	16QAM	4.50	4.97
	High	64QAM	4.50	4.96
10	Low	QPSK	9.03	9.78
	Low	16QAM	8.98	9.74
	Low	64QAM	8.99	9.83
	Mid	QPSK	9.00	9.80
	Mid	16QAM	8.97	9.74
	Mid	64QAM	8.99	9.82
	High	QPSK	9.01	9.88
	High	16QAM	8.97	9.75
	High	64QAM	8.99	9.77
15	Low	QPSK	13.47	14.66
	Low	16QAM	13.49	14.71
	Low	64QAM	13.47	14.74
	Mid	QPSK	13.50	14.64
	Mid	16QAM	13.47	14.61
	Mid	64QAM	13.48	14.69
	High	QPSK	13.49	14.66
	High	16QAM	13.48	14.63
	High	64QAM	13.48	14.63
20	Low	QPSK	17.98	19.51
	Low	16QAM	18.00	19.54
	Low	64QAM	17.96	19.50
	Mid	QPSK	17.97	19.56
	Mid	16QAM	18.00	19.56
	Mid	64QAM	18.00	19.57
	High	QPSK	17.97	19.48
	High	16QAM	17.98	19.59
	High	64QAM	17.98	19.45



LTE Band 12				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.10	1.23
	Low	16QAM	1.10	1.24
	Low	64QAM	1.09	1.24
	Mid	QPSK	1.09	1.24
	Mid	16QAM	1.09	1.24
	Mid	64QAM	1.09	1.24
	High	QPSK	1.09	1.23
	High	16QAM	1.10	1.24
	High	64QAM	1.09	1.24
3	Low	QPSK	2.70	2.98
	Low	16QAM	2.70	3.00
	Low	64QAM	2.71	2.99
	Mid	QPSK	2.70	3.00
	Mid	16QAM	2.70	3.00
	Mid	64QAM	2.71	2.99
	High	QPSK	2.70	3.01
	High	16QAM	2.70	2.99
	High	64QAM	2.71	3.01
5	Low	QPSK	4.51	4.98
	Low	16QAM	4.50	4.97
	Low	64QAM	4.50	4.97
	Mid	QPSK	4.50	4.98
	Mid	16QAM	4.51	4.96
	Mid	64QAM	4.50	4.96
	High	QPSK	4.50	5.00
	High	16QAM	4.50	4.97
	High	64QAM	4.50	4.96
10	Low	QPSK	8.97	9.74
	Low	16QAM	8.95	9.71
	Low	64QAM	8.98	9.79
	Mid	QPSK	8.98	9.83
	Mid	16QAM	8.95	9.73
	Mid	64QAM	8.98	9.79
	High	QPSK	8.98	9.74
	High	16QAM	8.95	9.75
	High	64QAM	8.96	9.81



LTE Band 17				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.50	5.00
	Low	16QAM	4.50	4.97
	Low	64QAM	4.50	4.95
	Mid	QPSK	4.50	4.98
	Mid	16QAM	4.50	4.94
	Mid	64QAM	4.50	4.97
	High	QPSK	4.50	4.96
	High	16QAM	4.50	4.94
	High	64QAM	4.50	4.97
10	Low	QPSK	8.99	9.80
	Low	16QAM	8.96	9.75
	Low	64QAM	8.98	9.87
	Mid	QPSK	9.00	9.79
	Mid	16QAM	8.96	9.74
	Mid	64QAM	9.00	9.83
	High	QPSK	8.98	9.75
	High	16QAM	8.95	9.77
	High	64QAM	8.97	9.77



LTE Band 26				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.09	1.24
	Low	16QAM	1.09	1.22
	Low	64QAM	1.09	1.24
	Mid	QPSK	1.09	1.23
	Mid	16QAM	1.09	1.23
	Mid	64QAM	1.09	1.23
	High	QPSK	1.09	1.23
	High	16QAM	1.09	1.24
	High	64QAM	1.09	1.23
3	Low	QPSK	2.71	3.01
	Low	16QAM	2.71	3.03
	Low	64QAM	2.71	3.04
	Mid	QPSK	2.71	3.00
	Mid	16QAM	2.71	3.02
	Mid	64QAM	2.71	3.01
	High	QPSK	2.71	3.00
	High	16QAM	2.71	3.03
	High	64QAM	2.71	3.01
5	Low	QPSK	4.51	4.99
	Low	16QAM	4.50	4.97
	Low	64QAM	4.51	4.92
	Mid	QPSK	4.51	4.92
	Mid	16QAM	4.50	4.93
	Mid	64QAM	4.50	4.95
	High	QPSK	4.50	4.97
	High	16QAM	4.51	4.92
	High	64QAM	4.51	4.94
10	Low	QPSK	8.97	9.82
	Low	16QAM	8.99	9.81
	Low	64QAM	8.97	9.77
	Mid	QPSK	9.00	9.79
	Mid	16QAM	8.98	9.79
	Mid	64QAM	8.99	9.83
	High	QPSK	8.98	9.79
	High	16QAM	8.98	9.80
	High	64QAM	8.98	9.81



15	Low	QPSK	13.50	14.60
	Low	16QAM	13.48	14.56
	Low	64QAM	13.50	14.57
	Mid	QPSK	13.47	14.59
	Mid	16QAM	13.49	14.56
	Mid	64QAM	13.49	14.61
	High	QPSK	13.45	14.62
	High	16QAM	13.46	14.63
	High	64QAM	13.46	14.65



LTE Band 38				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.50	4.96
	Low	16QAM	4.51	5.09
	Low	64QAM	4.51	5.25
	Mid	QPSK	4.51	5.26
	Mid	16QAM	4.51	5.16
	Mid	64QAM	4.50	5.16
	High	QPSK	4.51	4.96
	High	16QAM	4.52	5.16
	High	64QAM	4.50	5.14
10	Low	QPSK	9.00	9.75
	Low	16QAM	8.99	9.89
	Low	64QAM	8.98	9.69
	Mid	QPSK	9.00	9.76
	Mid	16QAM	8.98	10.13
	Mid	64QAM	9.00	9.91
	High	QPSK	9.00	9.83
	High	16QAM	8.99	10.14
	High	64QAM	9.00	9.87
15	Low	QPSK	13.49	15.79
	Low	16QAM	13.50	14.54
	Low	64QAM	13.46	15.03
	Mid	QPSK	13.47	15.91
	Mid	16QAM	13.47	14.60
	Mid	64QAM	13.50	16.46
	High	QPSK	13.52	15.74
	High	16QAM	13.51	14.82
	High	64QAM	13.46	15.27
20	Low	QPSK	17.97	20.09
	Low	16QAM	17.96	20.43
	Low	64QAM	17.96	20.11
	Mid	QPSK	17.97	19.79
	Mid	16QAM	17.95	20.55
	Mid	64QAM	17.99	20.05
	High	QPSK	17.98	19.95
	High	16QAM	17.98	20.06
	High	64QAM	17.97	20.31



LTE Band 41				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.52	4.94
	Low	16QAM	4.52	5.04
	Low	64QAM	4.50	5.24
	Mid	QPSK	4.51	5.06
	Mid	16QAM	4.52	5.21
	Mid	64QAM	4.50	5.14
	High	QPSK	4.51	5.08
	High	16QAM	4.51	5.21
	High	64QAM	4.50	5.28
10	Low	QPSK	8.97	10.14
	Low	16QAM	8.98	9.91
	Low	64QAM	8.98	9.86
	Mid	QPSK	9.00	10.04
	Mid	16QAM	8.98	9.69
	Mid	64QAM	8.99	9.73
	High	QPSK	8.98	9.79
	High	16QAM	8.99	9.67
	High	64QAM	8.99	9.82
15	Low	QPSK	13.49	15.11
	Low	16QAM	13.47	14.74
	Low	64QAM	13.46	15.33
	Mid	QPSK	13.47	15.33
	Mid	16QAM	13.51	14.72
	Mid	64QAM	13.45	14.83
	High	QPSK	13.50	15.35
	High	16QAM	13.50	15.07
	High	64QAM	13.49	15.15
20	Low	QPSK	17.97	19.66
	Low	16QAM	17.94	20.09
	Low	64QAM	17.99	20.76
	Mid	QPSK	17.97	19.71
	Mid	16QAM	17.99	21.05
	Mid	64QAM	17.98	20.53
	High	QPSK	17.97	19.52
	High	16QAM	17.97	20.49
	High	64QAM	17.96	20.47



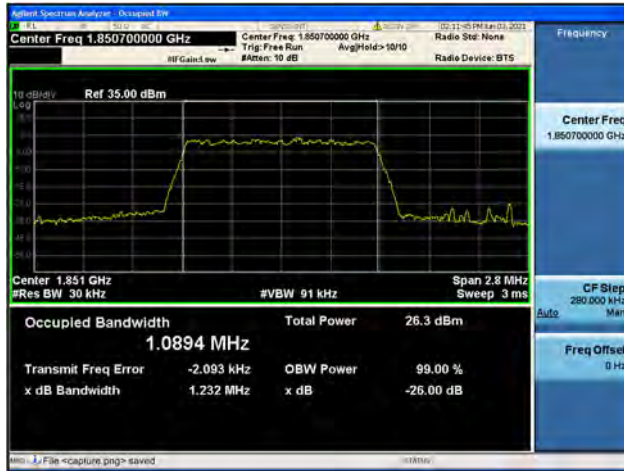
LTE Band 66				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.09	1.24
	Low	16QAM	1.10	1.24
	Low	64QAM	1.09	1.24
	Mid	QPSK	1.09	1.24
	Mid	16QAM	1.09	1.25
	Mid	64QAM	1.09	1.24
	High	QPSK	1.10	1.25
	High	16QAM	1.10	1.24
	High	64QAM	1.10	1.24
3	Low	QPSK	2.71	3.04
	Low	16QAM	2.71	3.04
	Low	64QAM	2.70	3.03
	Mid	QPSK	2.71	3.03
	Mid	16QAM	2.71	3.03
	Mid	64QAM	2.71	3.01
	High	QPSK	2.71	3.05
	High	16QAM	2.71	3.04
	High	64QAM	2.71	3.04
5	Low	QPSK	4.49	4.96
	Low	16QAM	4.49	4.94
	Low	64QAM	4.49	4.98
	Mid	QPSK	4.49	4.94
	Mid	16QAM	4.50	4.94
	Mid	64QAM	4.49	4.96
	High	QPSK	4.50	4.98
	High	16QAM	4.50	4.99
	High	64QAM	4.50	4.96
10	Low	QPSK	9.00	9.91
	Low	16QAM	9.01	9.86
	Low	64QAM	8.98	9.84
	Mid	QPSK	9.03	9.86
	Mid	16QAM	9.02	9.85
	Mid	64QAM	8.99	9.76
	High	QPSK	9.03	9.93
	High	16QAM	8.99	9.90
	High	64QAM	8.99	9.95



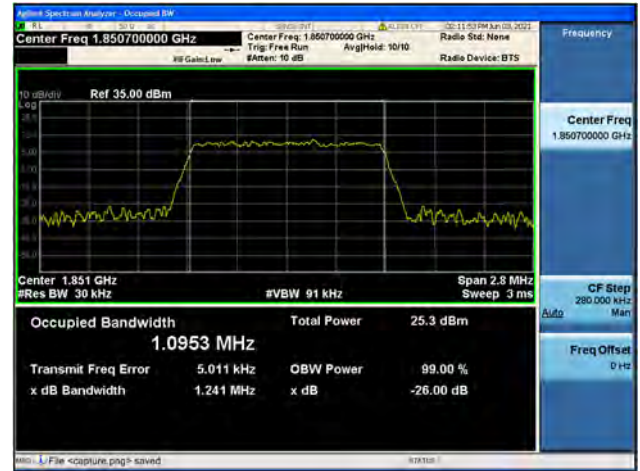
15	Low	QPSK	13.47	14.94
	Low	16QAM	13.48	14.94
	Low	64QAM	13.49	14.87
	Mid	QPSK	13.51	14.82
	Mid	16QAM	13.45	14.75
	Mid	64QAM	13.46	14.82
	High	QPSK	13.53	15.02
	High	16QAM	13.51	14.96
	High	64QAM	13.49	14.87
20	Low	QPSK	18.00	19.73
	Low	16QAM	17.99	19.71
	Low	64QAM	17.97	19.66
	Mid	QPSK	17.99	19.75
	Mid	16QAM	18.01	19.77
	Mid	64QAM	18.00	19.52
	High	QPSK	18.03	19.81
	High	16QAM	18.02	19.86
	High	64QAM	18.03	19.69



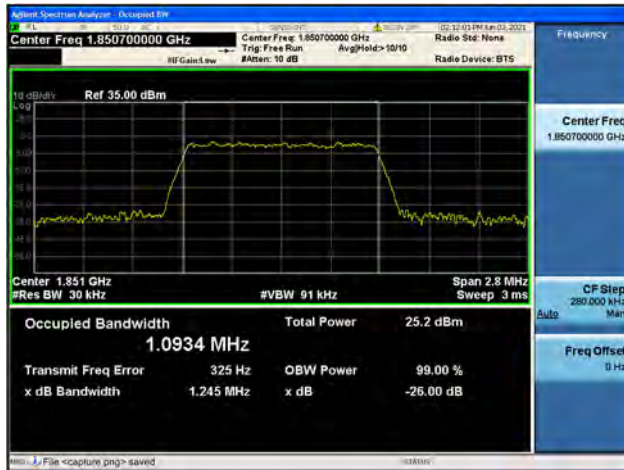
Band2 / 1.4MHz / Low CH / QPSK



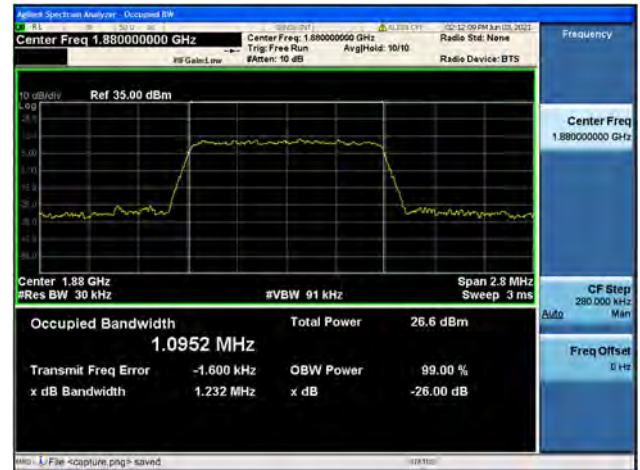
Band2 / 1.4MHz / Low CH / 16QAM



Band2 / 1.4MHz / Low CH / 64QAM



Band2 / 1.4MHz / Mid CH / QPSK



Band2 / 1.4MHz / Mid CH / 16QAM



Band2 / 1.4MHz / Mid CH / 64QAM





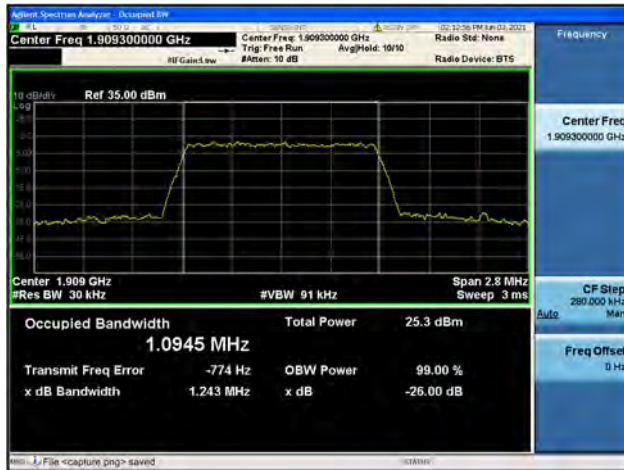
Band2 / 1.4MHz / High CH / QPSK



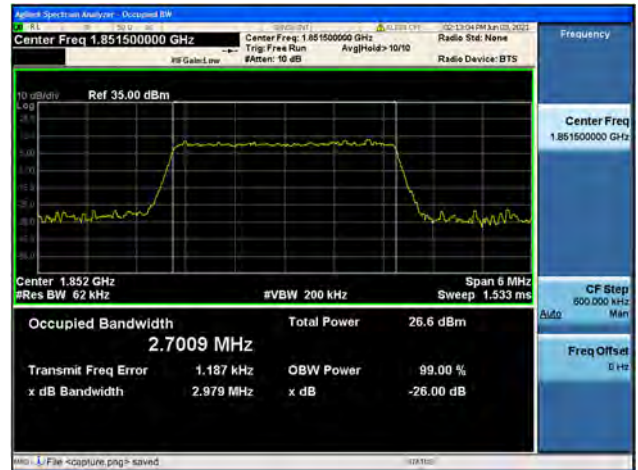
Band2 / 1.4MHz / High CH / 16QAM



Band2 / 1.4MHz / High CH / 64QAM



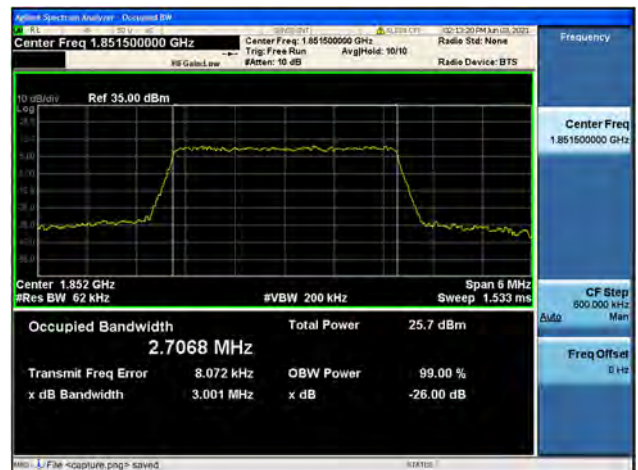
Band2 / 3MHz / Low CH / QPSK

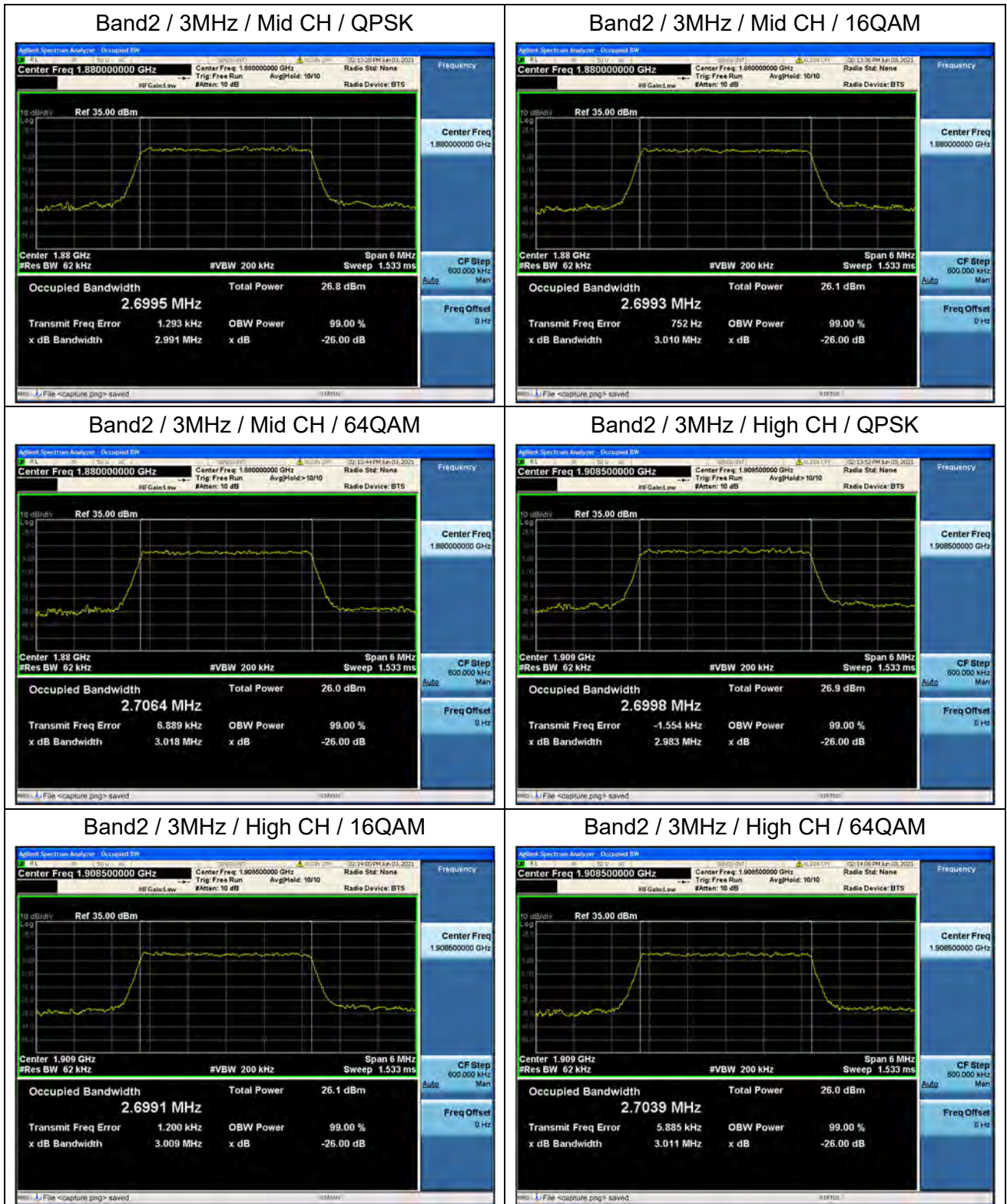


Band2 / 3MHz / Low CH / 16QAM



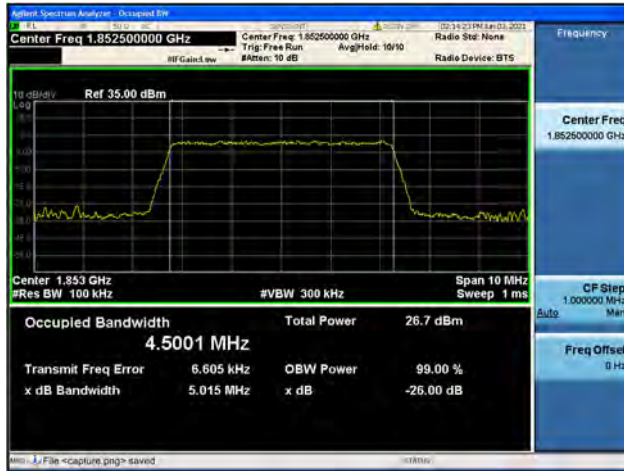
Band2 / 3MHz / Low CH / 64QAM



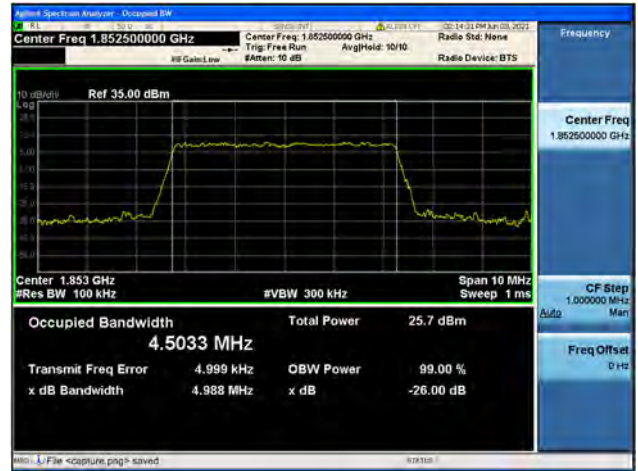




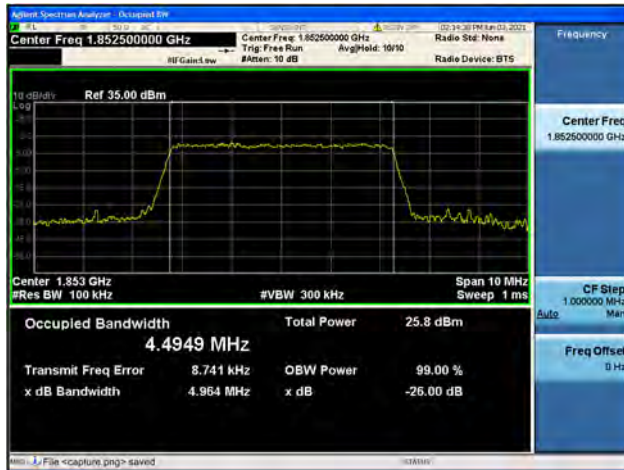
Band2 / 5MHz / Low CH / QPSK



Band2 / 5MHz / Low CH / 16QAM



Band2 / 5MHz / Low CH / 64QAM



Band2 / 5MHz / Mid CH / QPSK



Band2 / 5MHz / Mid CH / 16QAM

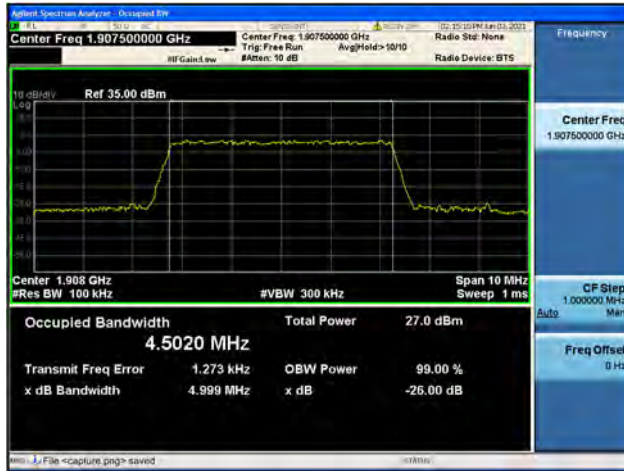


Band2 / 5MHz / Mid CH / 64QAM





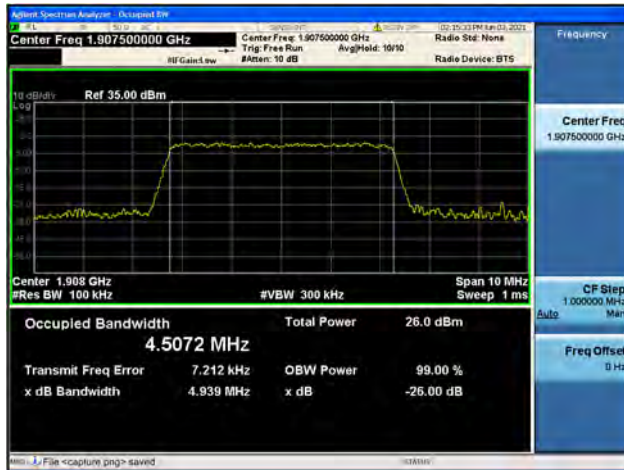
Band2 / 5MHz / High CH / QPSK



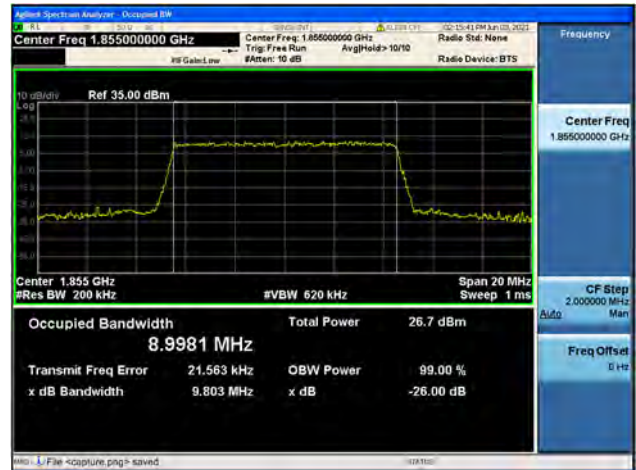
Band2 / 5MHz / High CH / 16QAM



Band2 / 5MHz / High CH / 64QAM



Band2 / 10MHz / Low CH / QPSK



Band2 / 10MHz / Low CH / 16QAM

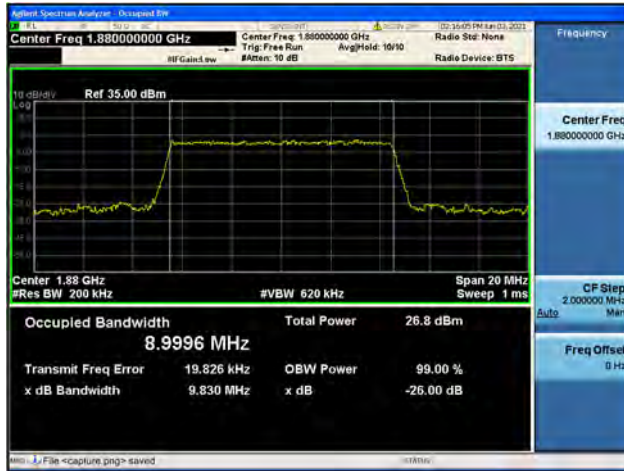


Band2 / 10MHz / Low CH / 64QAM

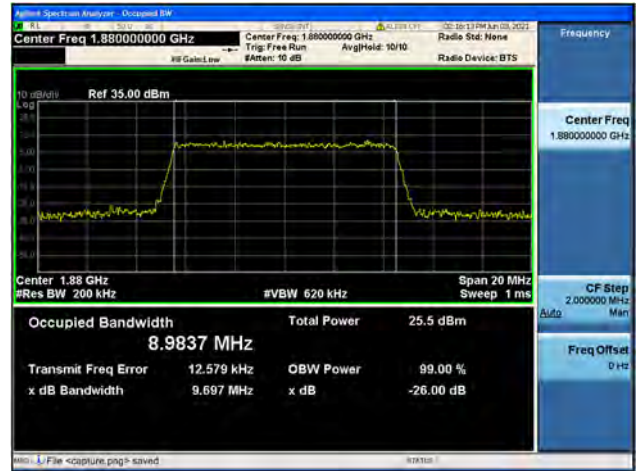




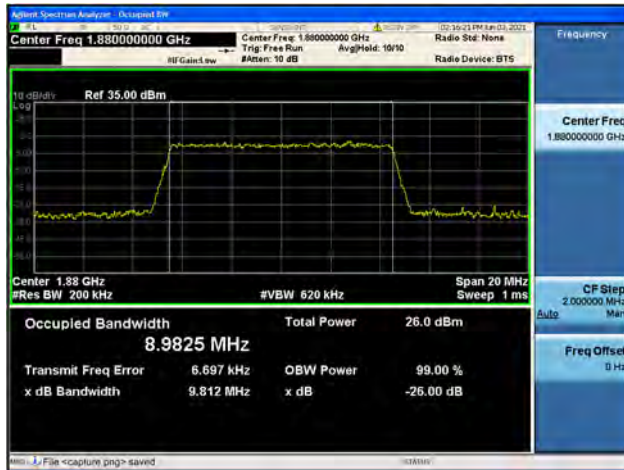
Band2 / 10MHz / Mid CH / QPSK



Band2 / 10MHz / Mid CH / 16QAM



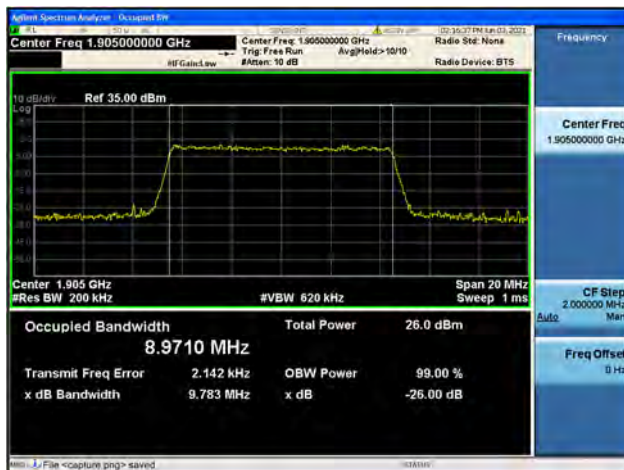
Band2 / 10MHz / Mid CH / 64QAM



Band2 / 10MHz / High CH / QPSK



Band2 / 10MHz / High CH / 16QAM

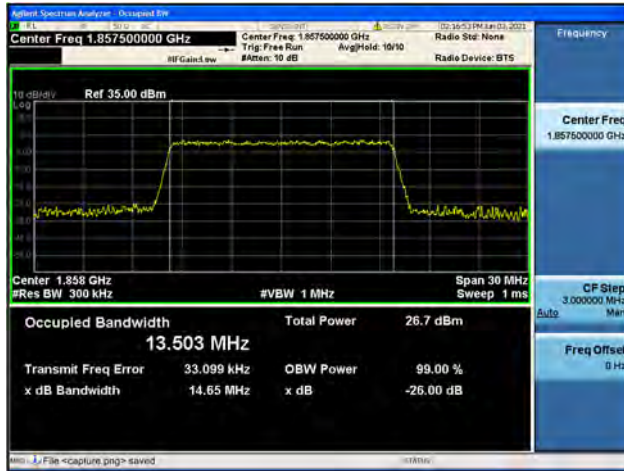


Band2 / 10MHz / High CH / 64QAM

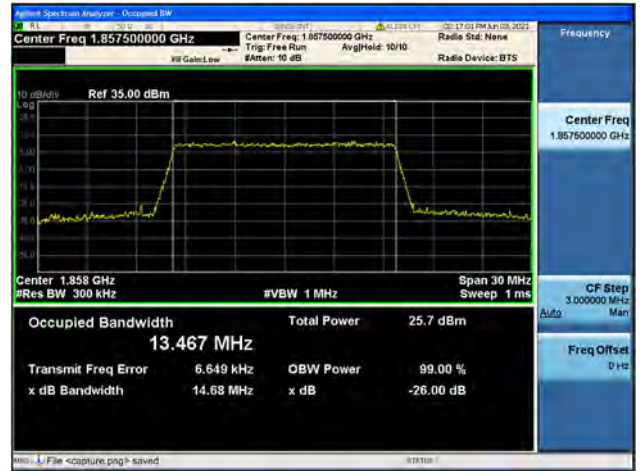




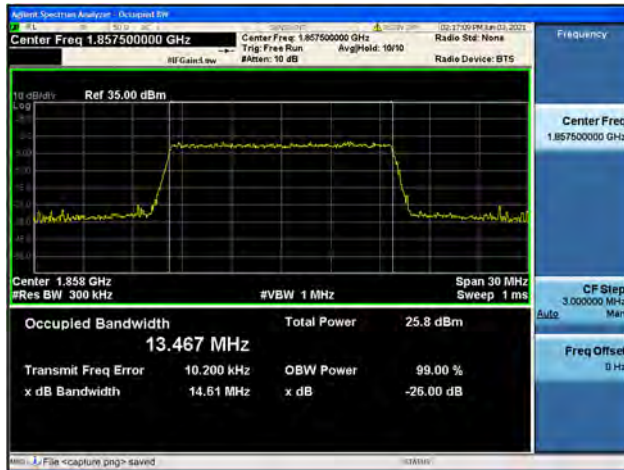
Band2 / 15MHz / Low CH / QPSK



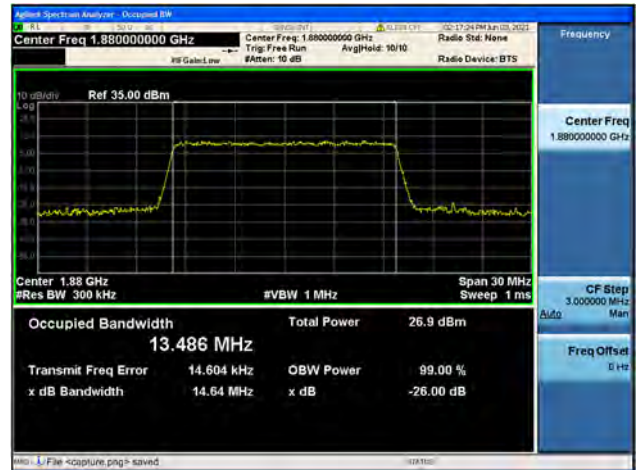
Band2 / 15MHz / Low CH / 16QAM



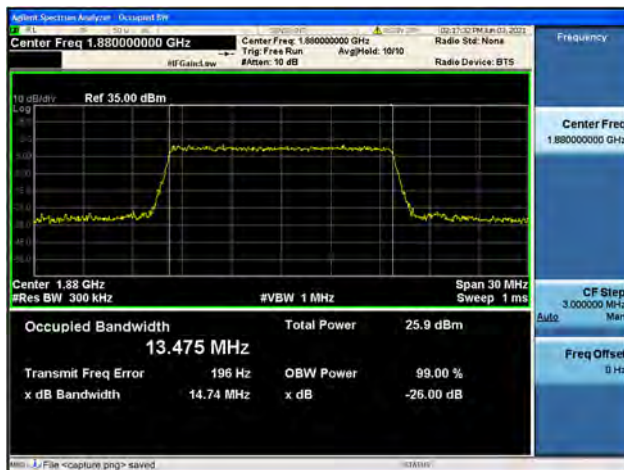
Band2 / 15MHz / Low CH / 64QAM



Band2 / 15MHz / Mid CH / QPSK



Band2 / 15MHz / Mid CH / 16QAM



Band2 / 15MHz / Mid CH / 64QAM





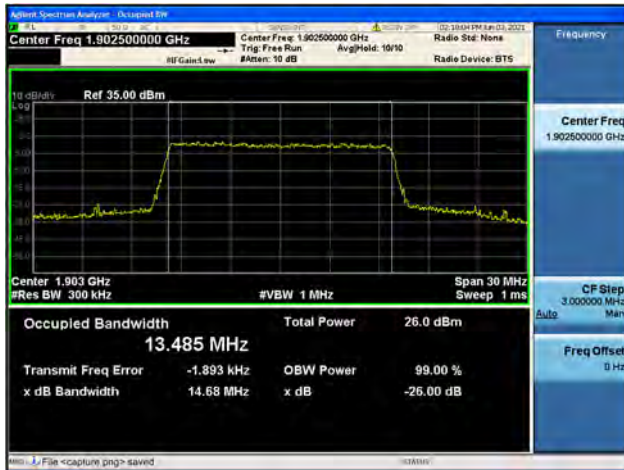
Band2 / 15MHz / High CH / QPSK



Band2 / 15MHz / High CH / 16QAM



Band2 / 15MHz / High CH / 64QAM



Band2 / 20MHz / Low CH / QPSK



Band2 / 20MHz / Low CH / 16QAM



Band2 / 20MHz / Low CH / 64QAM

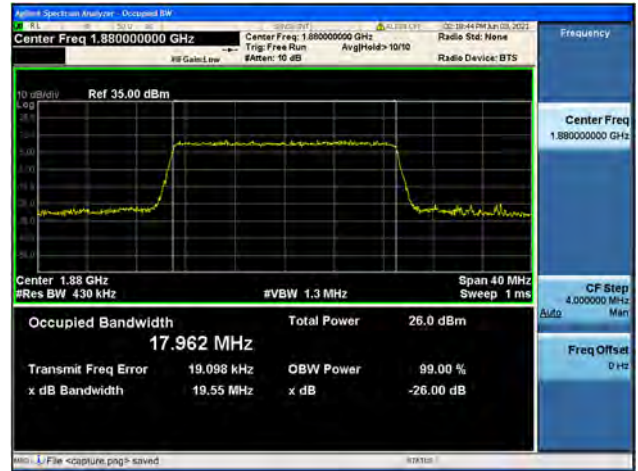




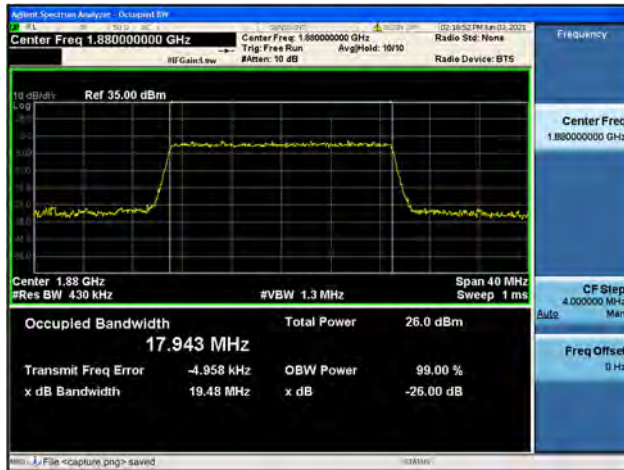
Band2 / 20MHz / Mid CH / QPSK



Band2 / 20MHz / Mid CH / 16QAM



Band2 / 20MHz / Mid CH / 64QAM



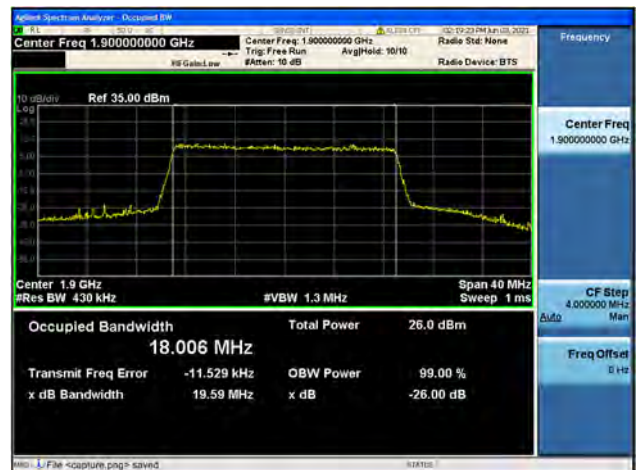
Band2 / 20MHz / High CH / QPSK



Band2 / 20MHz / High CH / 16QAM

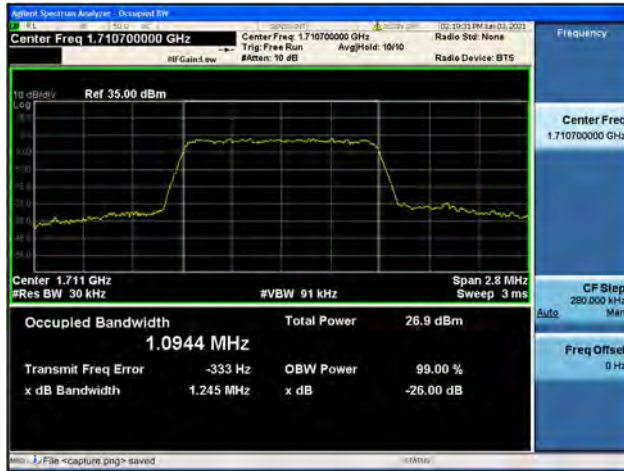


Band2 / 20MHz / High CH / 64QAM

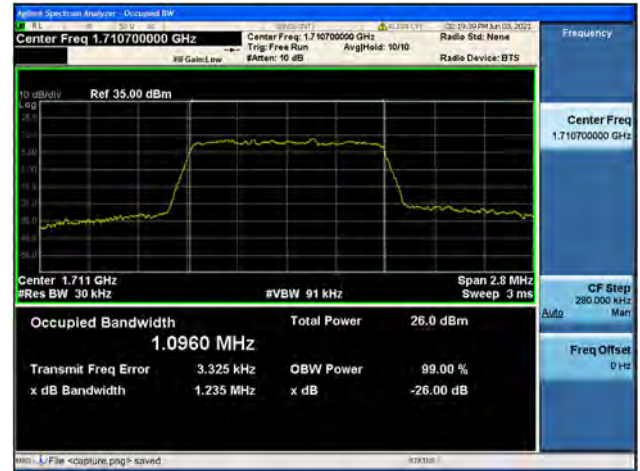




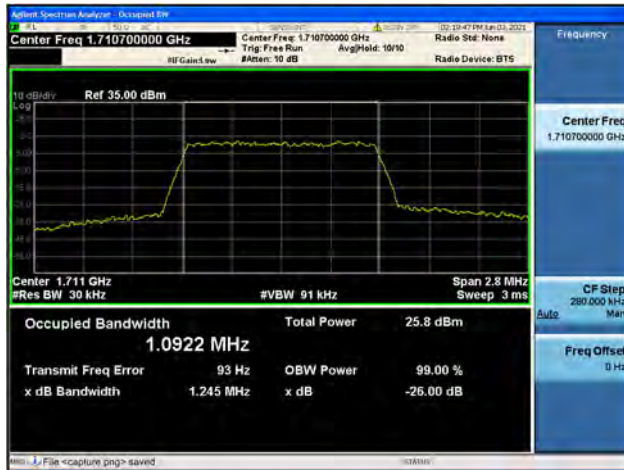
Band4 / 1.4MHz / Low CH / QPSK



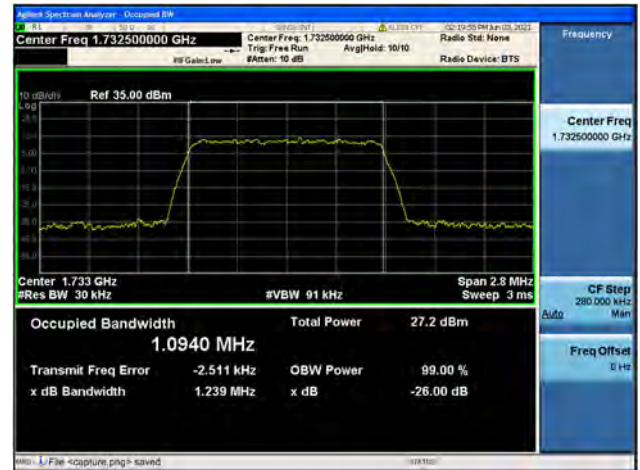
Band4 / 1.4MHz / Low CH / 16QAM



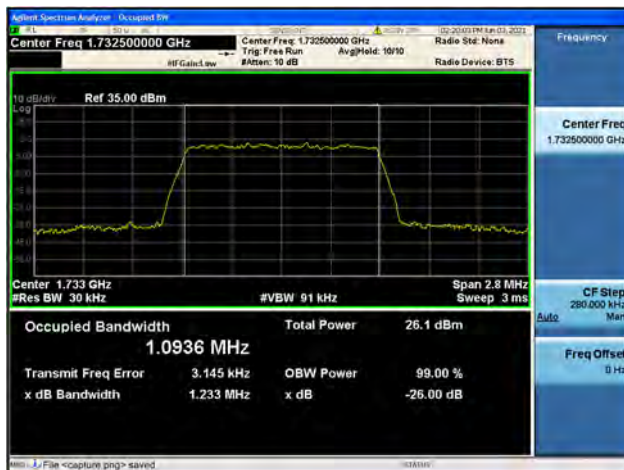
Band4 / 1.4MHz / Low CH / 64QAM



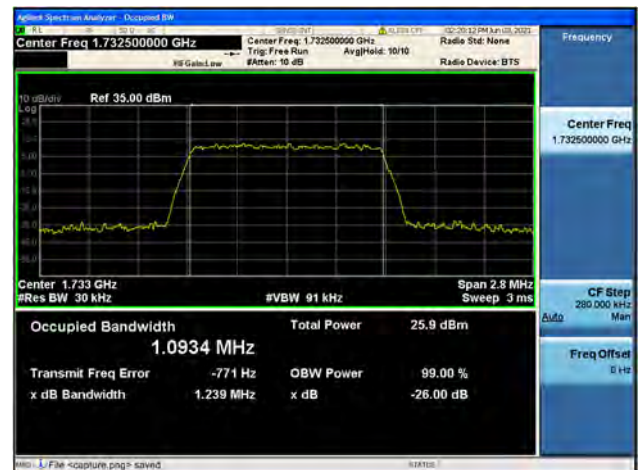
Band4 / 1.4MHz / Mid CH / QPSK



Band4 / 1.4MHz / Mid CH / 16QAM

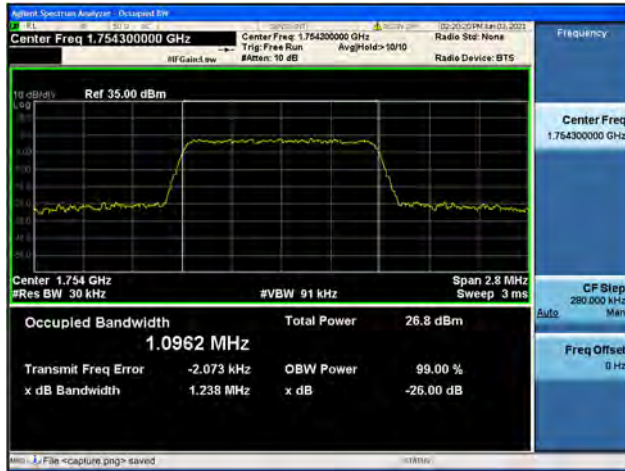


Band4 / 1.4MHz / Mid CH / 64QAM

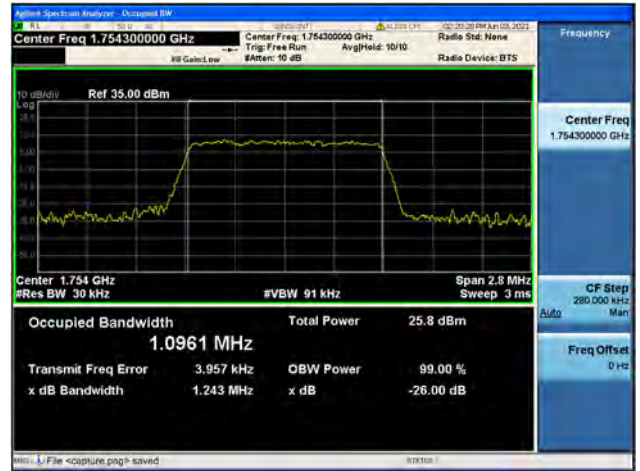




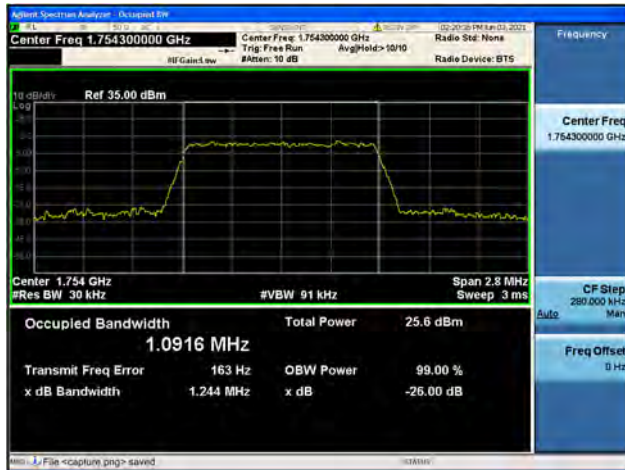
Band4 / 1.4MHz / High CH / QPSK



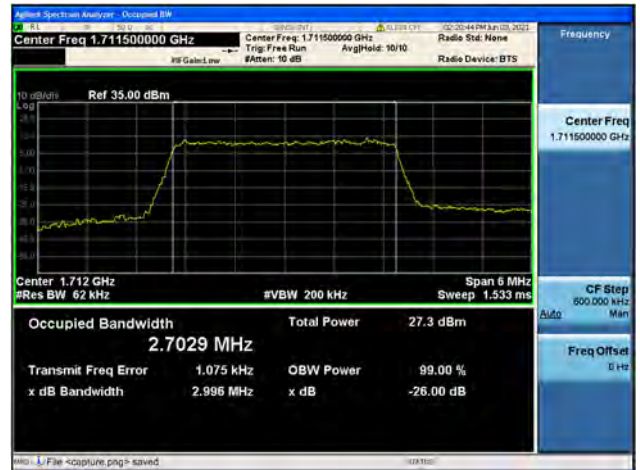
Band4 / 1.4MHz / High CH / 16QAM



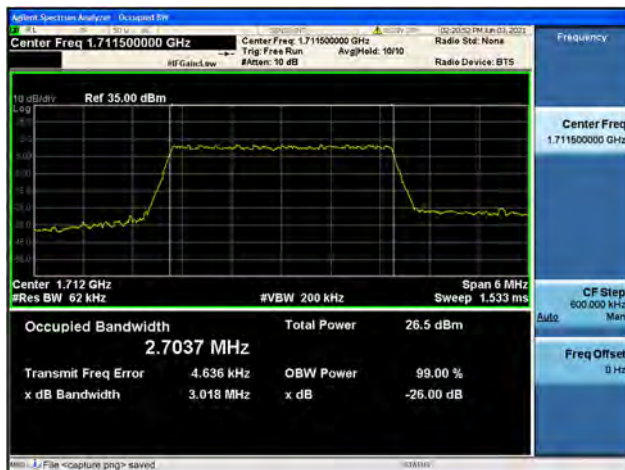
Band4 / 1.4MHz / High CH / 64QAM



Band4 / 3MHz / Low CH / QPSK



Band4 / 3MHz / Low CH / 16QAM

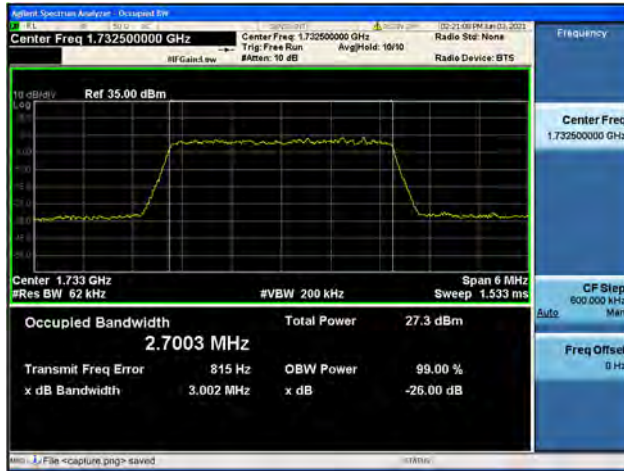


Band4 / 3MHz / Low CH / 64QAM

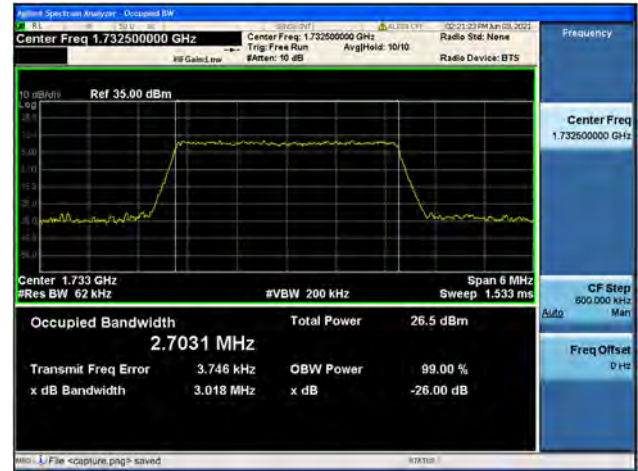




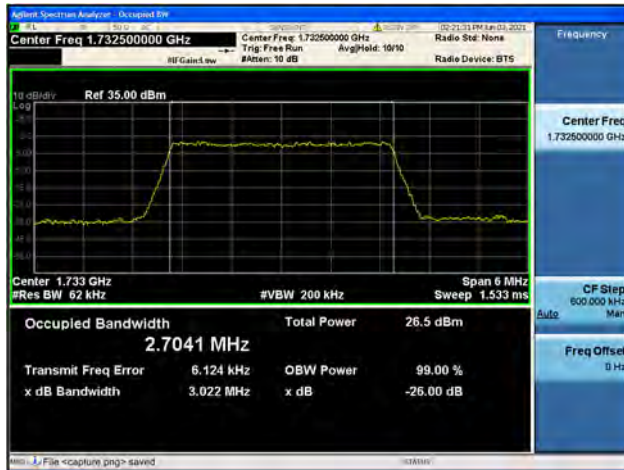
Band4 / 3MHz / Mid CH / QPSK



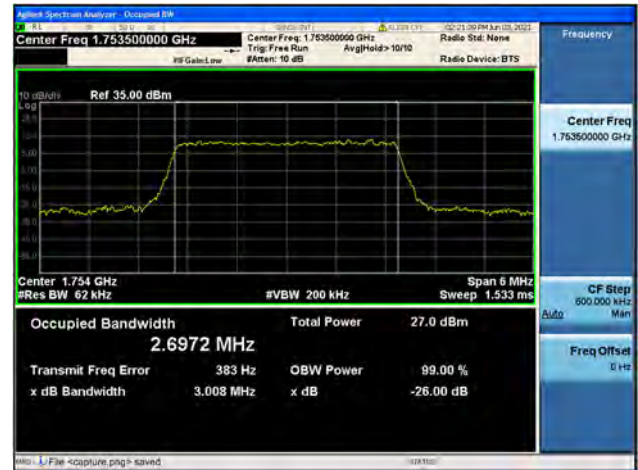
Band4 / 3MHz / Mid CH / 16QAM



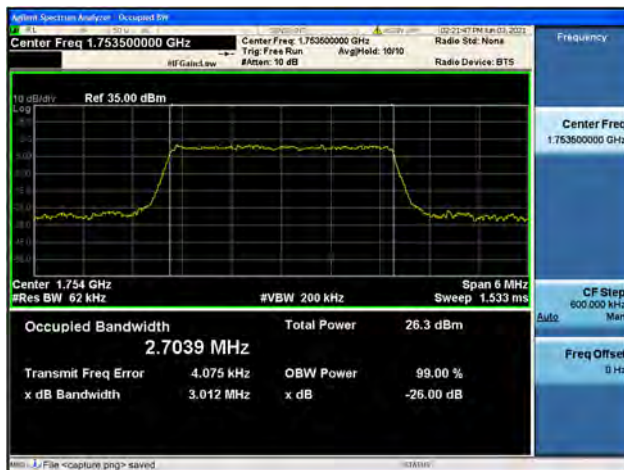
Band4 / 3MHz / Mid CH / 64QAM



Band4 / 3MHz / High CH / QPSK



Band4 / 3MHz / High CH / 16QAM

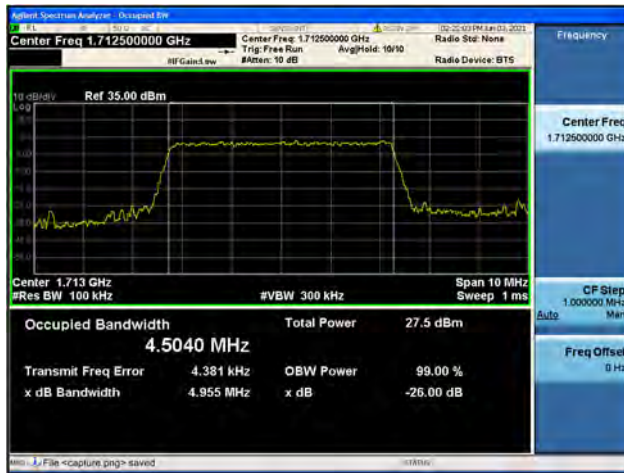


Band4 / 3MHz / High CH / 64QAM

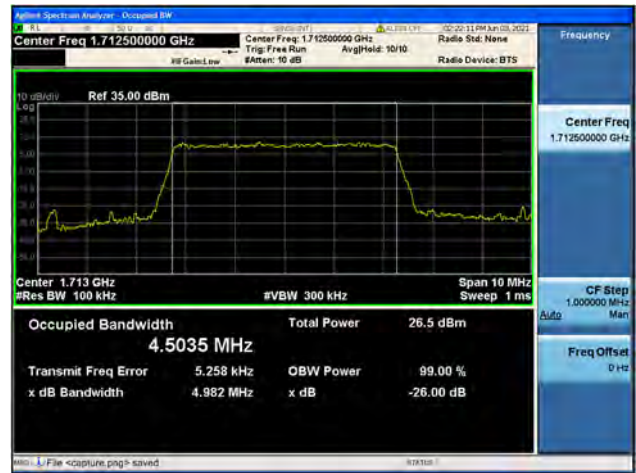




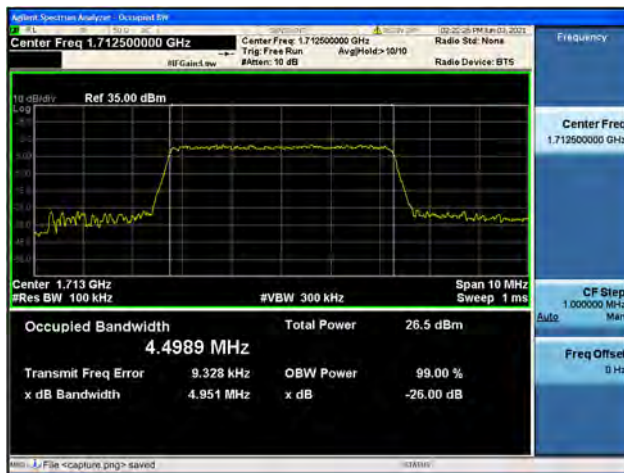
Band4 / 5MHz / Low CH / QPSK



Band4 / 5MHz / Low CH / 16QAM



Band4 / 5MHz / Low CH / 64QAM



Band4 / 5MHz / Mid CH / QPSK



Band4 / 5MHz / Mid CH / 16QAM

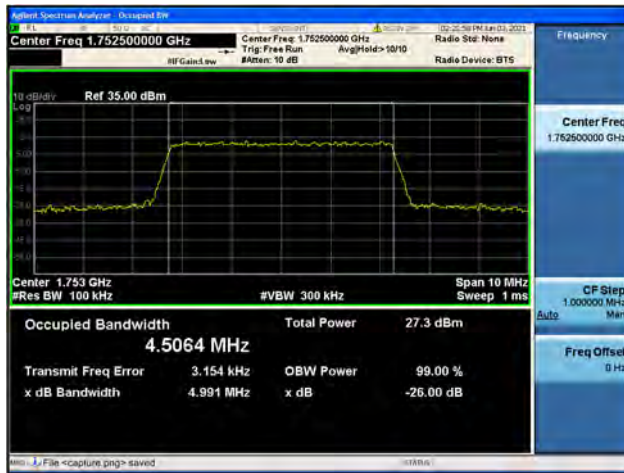


Band4 / 5MHz / Mid CH / 64QAM

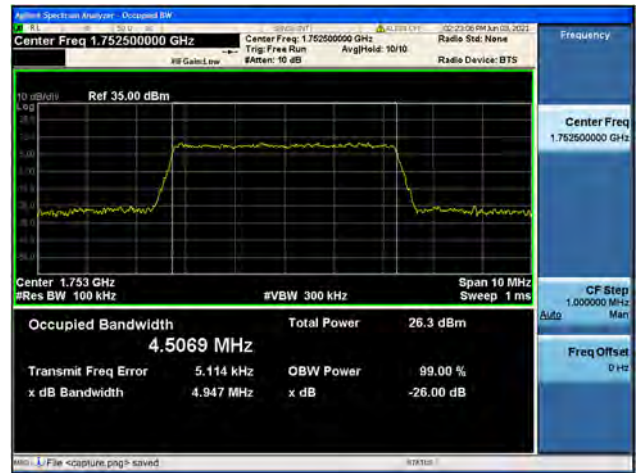




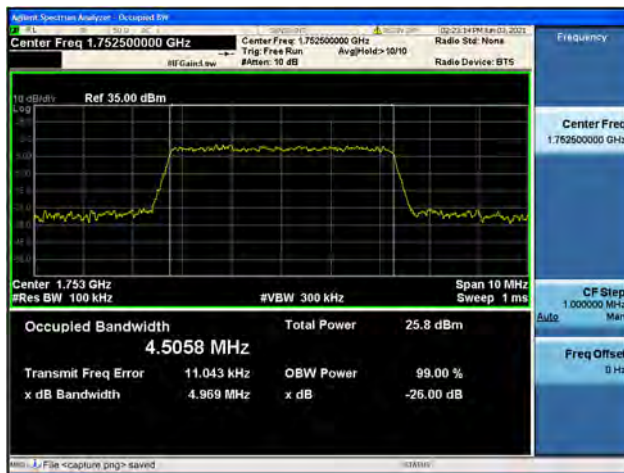
Band4 / 5MHz / High CH / QPSK



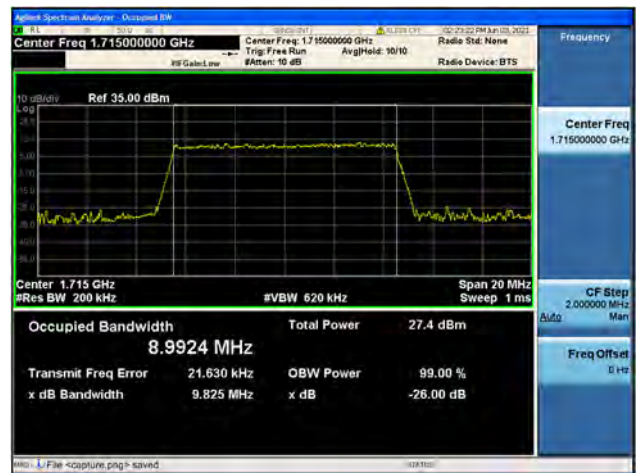
Band4 / 5MHz / High CH / 16QAM



Band4 / 5MHz / High CH / 64QAM



Band4 / 10MHz / Low CH / QPSK



Band4 / 10MHz / Low CH / 16QAM

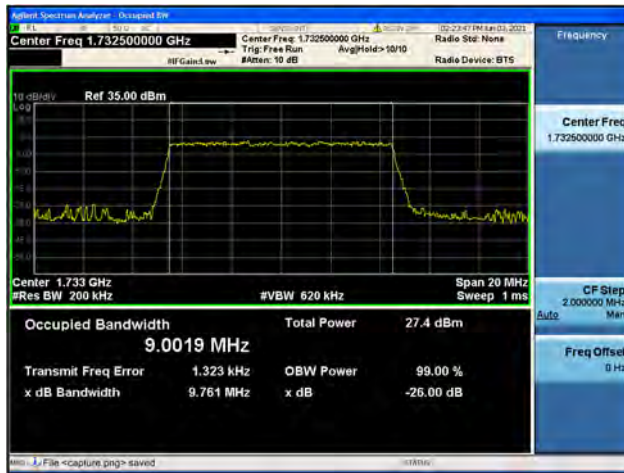


Band4 / 10MHz / Low CH / 64QAM

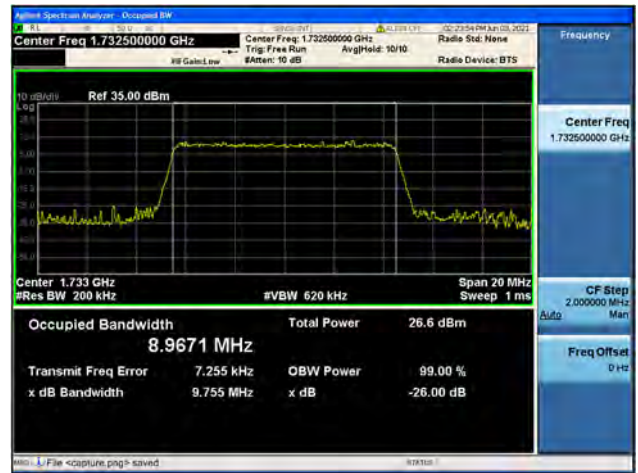




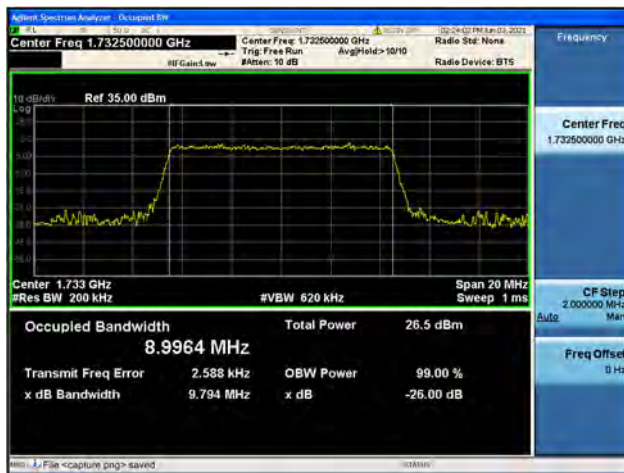
Band4 / 10MHz / Mid CH / QPSK



Band4 / 10MHz / Mid CH / 16QAM



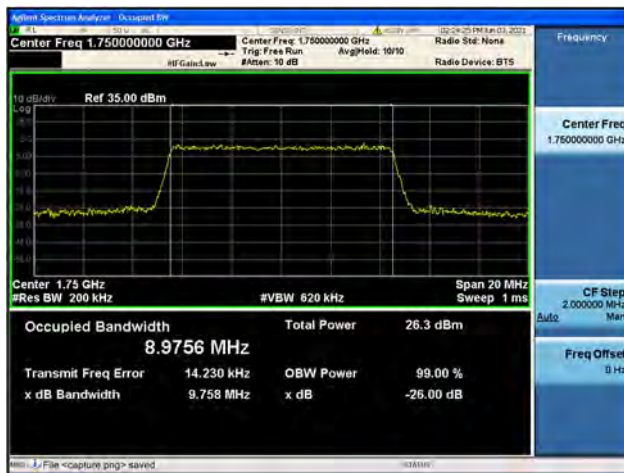
Band4 / 10MHz / Mid CH / 64QAM



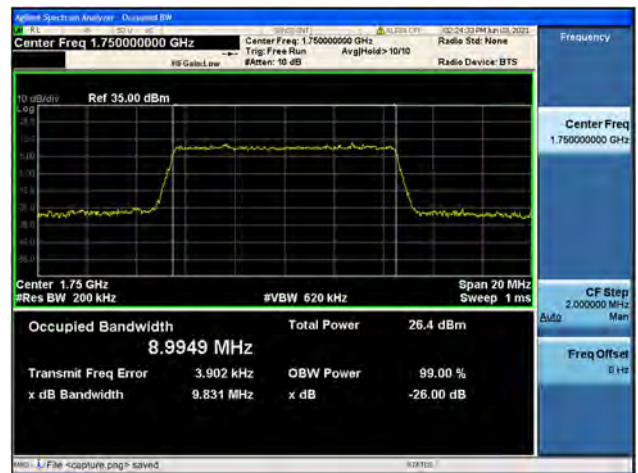
Band4 / 10MHz / High CH / QPSK



Band4 / 10MHz / High CH / 16QAM

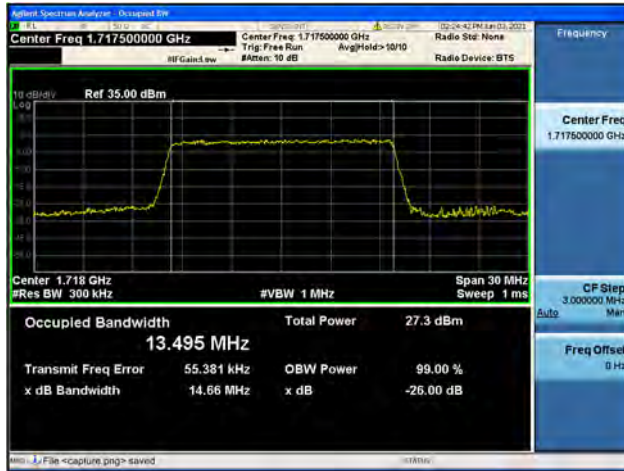


Band4 / 10MHz / High CH / 64QAM

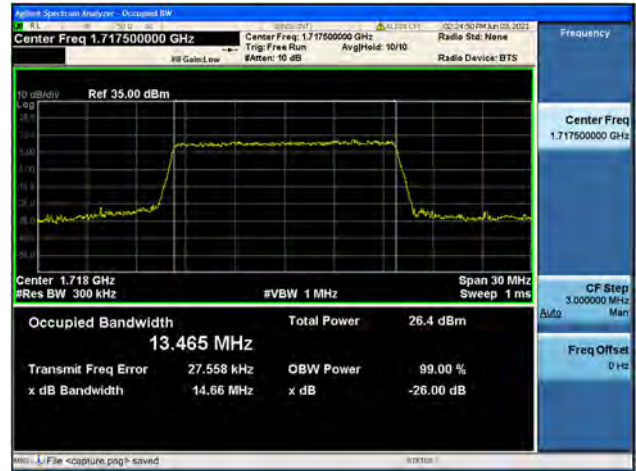




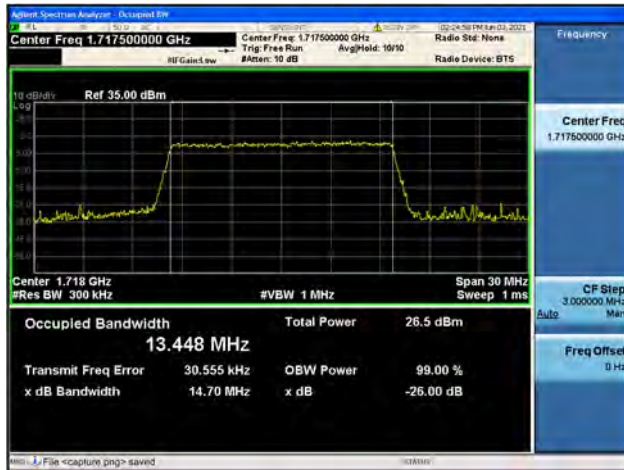
Band4 / 15MHz / Low CH / QPSK



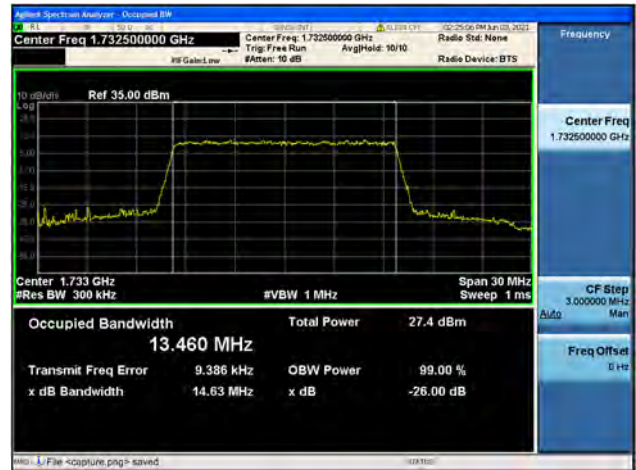
Band4 / 15MHz / Low CH / 16QAM



Band4 / 15MHz / Low CH / 64QAM



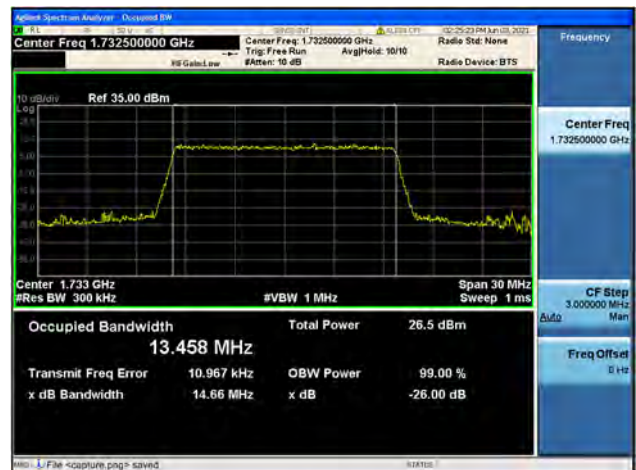
Band4 / 15MHz / Mid CH / QPSK



Band4 / 15MHz / Mid CH / 16QAM

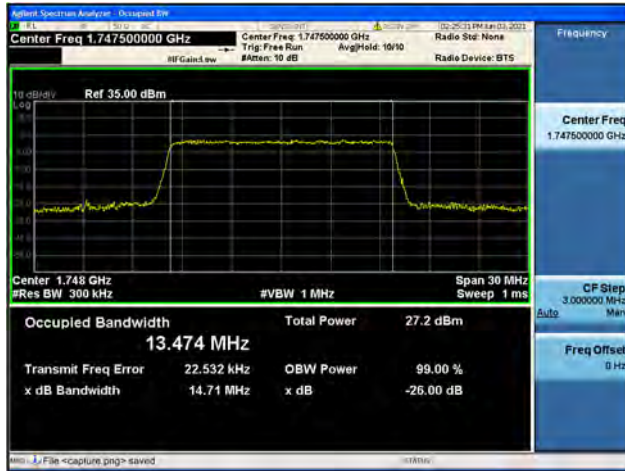


Band4 / 15MHz / Mid CH / 64QAM





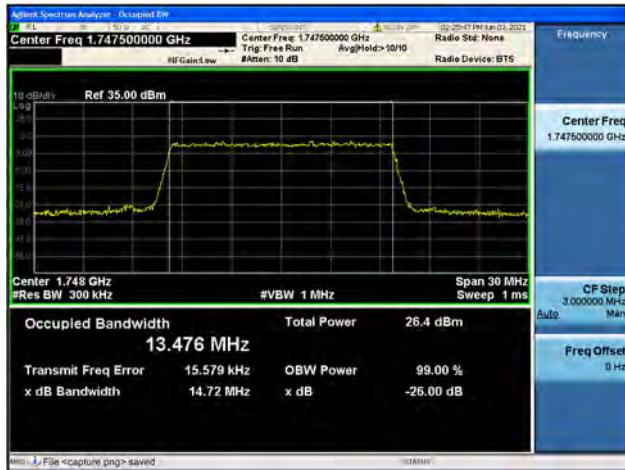
Band4 / 15MHz / High CH / QPSK



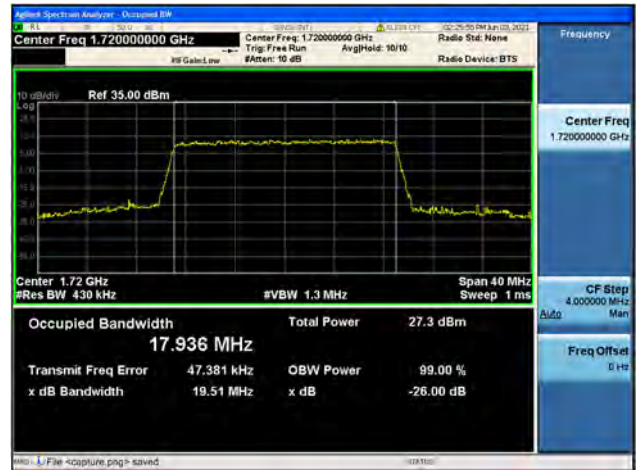
Band4 / 15MHz / High CH / 16QAM



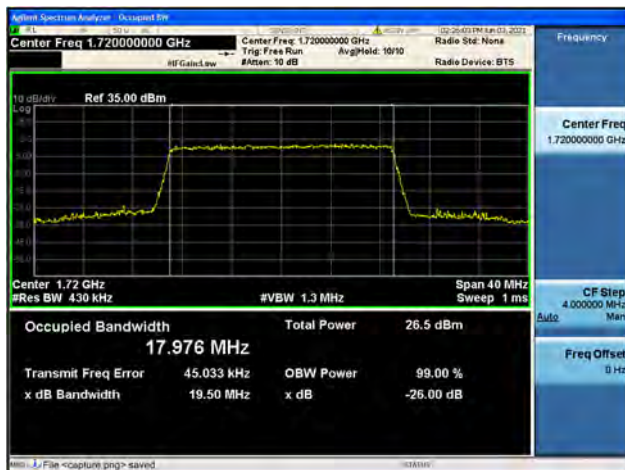
Band4 / 15MHz / High CH / 64QAM



Band4 / 20MHz / Low CH / QPSK



Band4 / 20MHz / Low CH / 16QAM



Band4 / 20MHz / Low CH / 64QAM





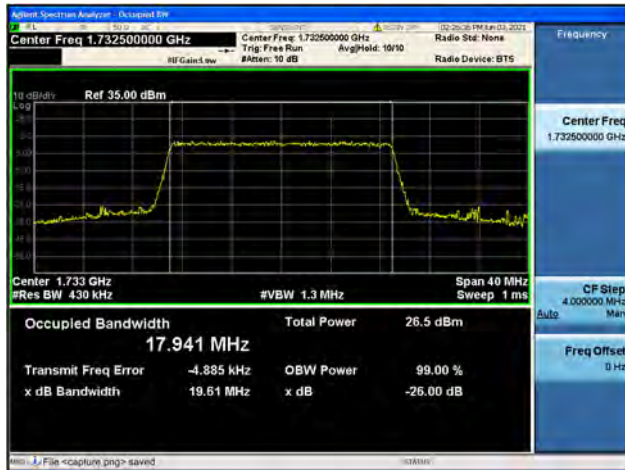
Band4 / 20MHz / Mid CH / QPSK



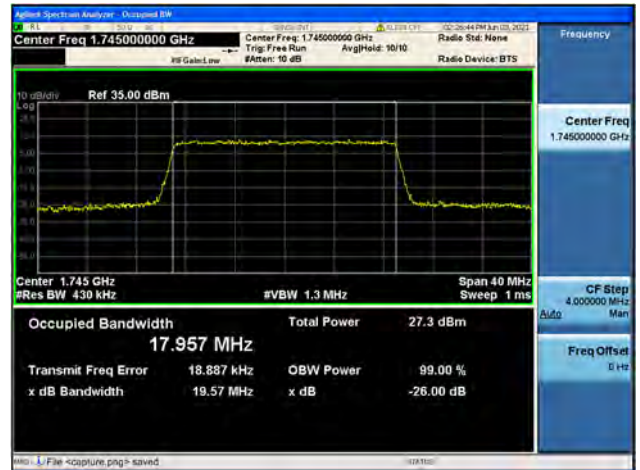
Band4 / 20MHz / Mid CH / 16QAM



Band4 / 20MHz / Mid CH / 64QAM



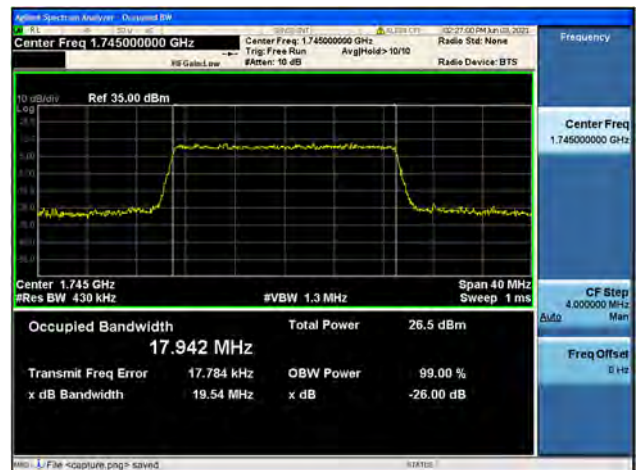
Band4 / 20MHz / High CH / QPSK



Band4 / 20MHz / High CH / 16QAM



Band4 / 20MHz / High CH / 64QAM





Band5 / 1.4MHz / Low CH / QPSK



Band5 / 1.4MHz / Low CH / 16QAM



Band5 / 1.4MHz / Low CH / 64QAM



Band5 / 1.4MHz / Mid CH / QPSK



Band5 / 1.4MHz / Mid CH / 16QAM

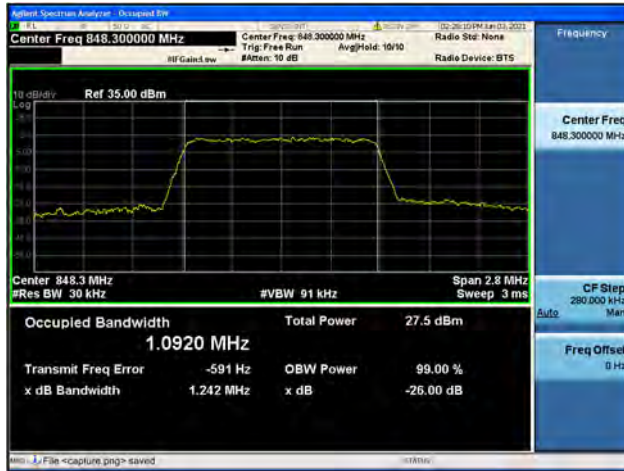


Band5 / 1.4MHz / Mid CH / 64QAM





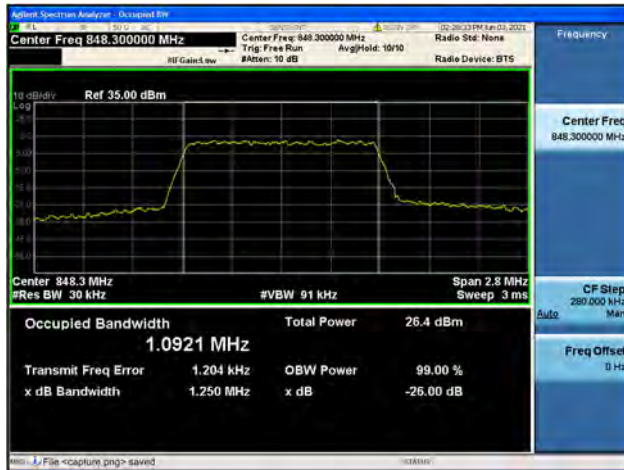
Band5 / 1.4MHz / High CH / QPSK



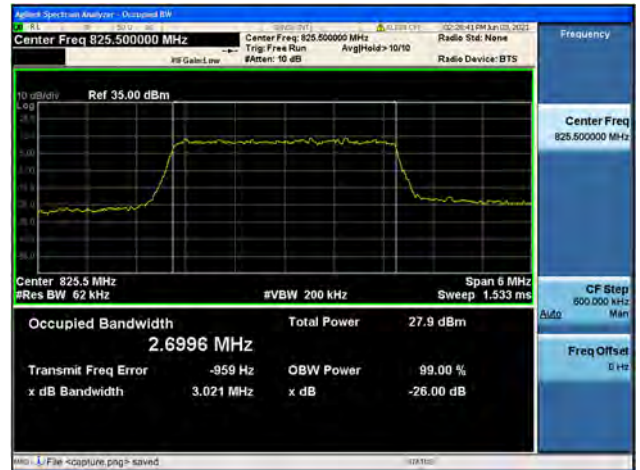
Band5 / 1.4MHz / High CH / 16QAM



Band5 / 1.4MHz / High CH / 64QAM



Band5 / 3MHz / Low CH / QPSK



Band5 / 3MHz / Low CH / 16QAM

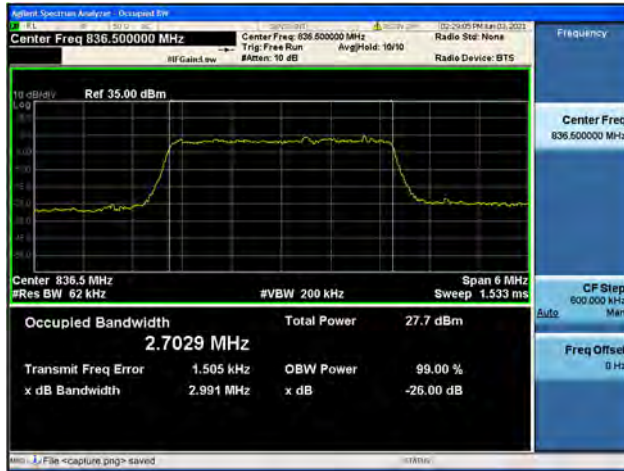


Band5 / 3MHz / Low CH / 64QAM

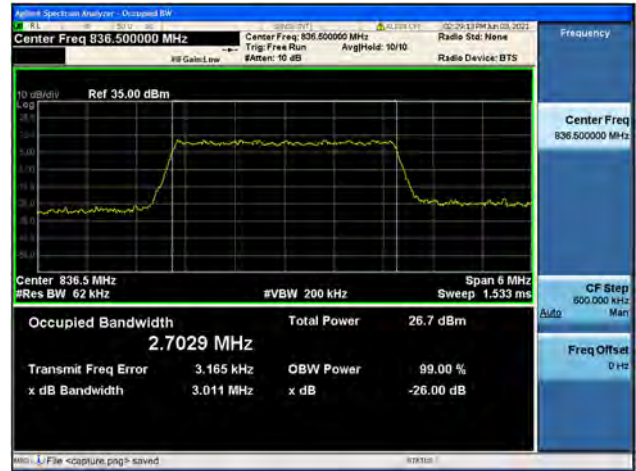




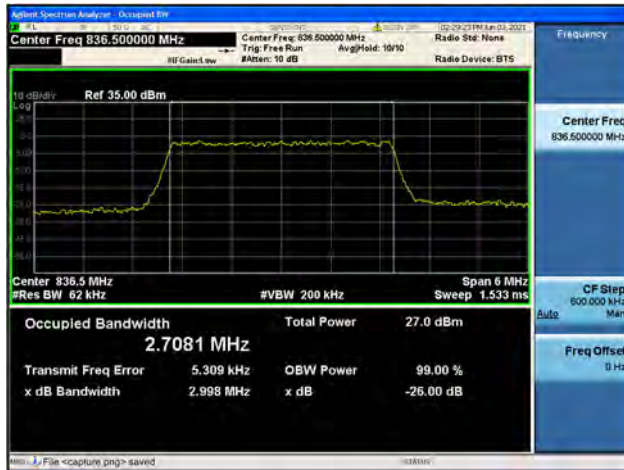
Band5 / 3MHz / Mid CH / QPSK



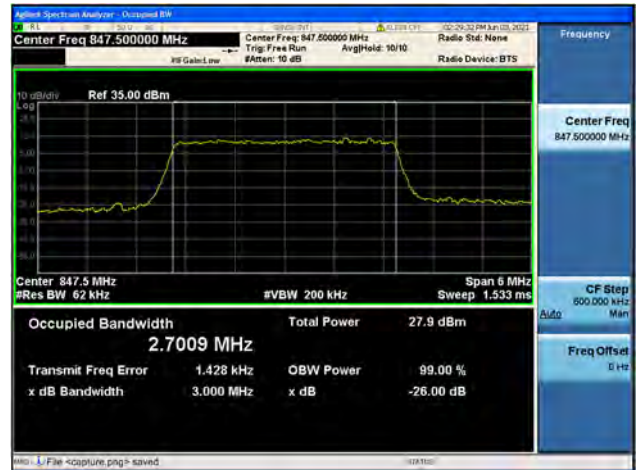
Band5 / 3MHz / Mid CH / 16QAM



Band5 / 3MHz / Mid CH / 64QAM



Band5 / 3MHz / High CH / QPSK



Band5 / 3MHz / High CH / 16QAM

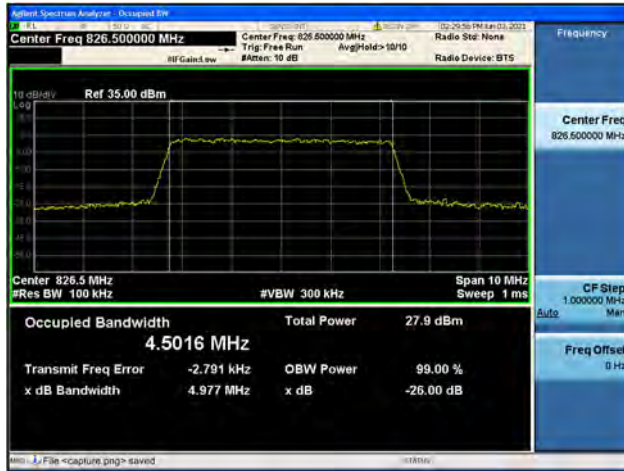


Band5 / 3MHz / High CH / 64QAM

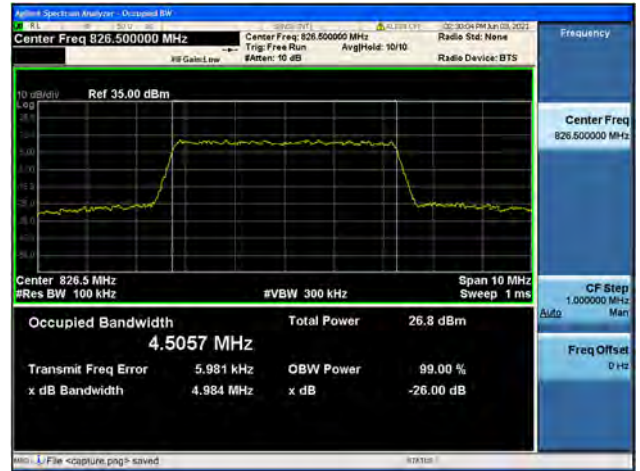




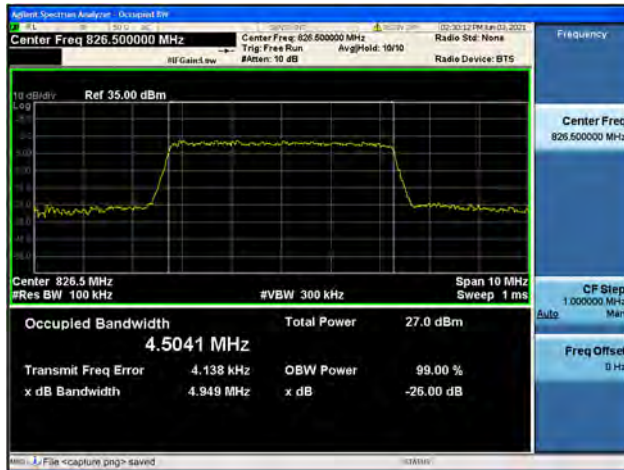
Band5 / 5MHz / Low CH / QPSK



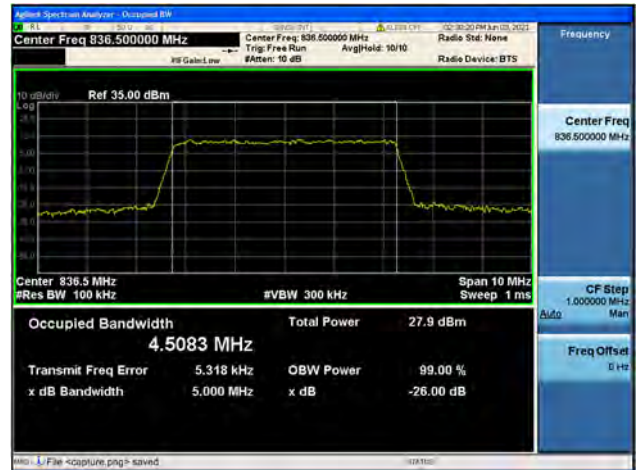
Band5 / 5MHz / Low CH / 16QAM



Band5 / 5MHz / Low CH / 64QAM



Band5 / 5MHz / Mid CH / QPSK



Band5 / 5MHz / Mid CH / 16QAM



Band5 / 5MHz / Mid CH / 64QAM





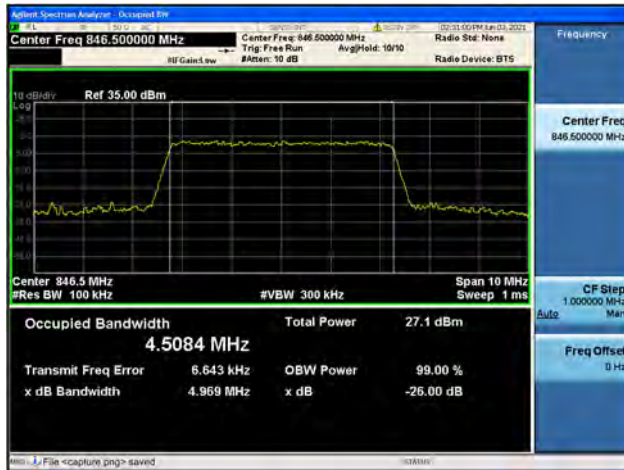
Band5 / 5MHz / High CH / QPSK



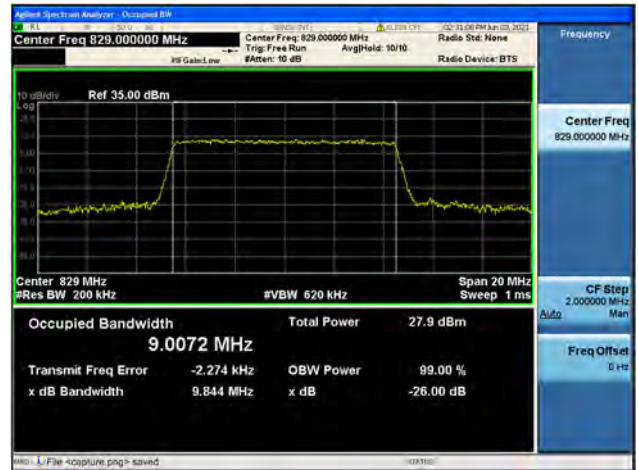
Band5 / 5MHz / High CH / 16QAM



Band5 / 5MHz / High CH / 64QAM



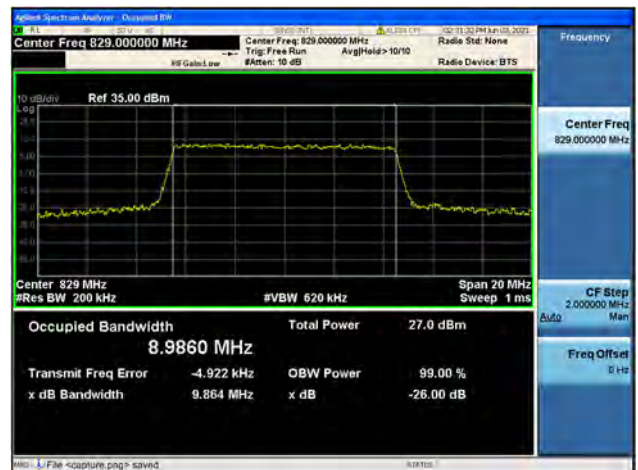
Band5 / 10MHz / Low CH / QPSK



Band5 / 10MHz / Low CH / 16QAM

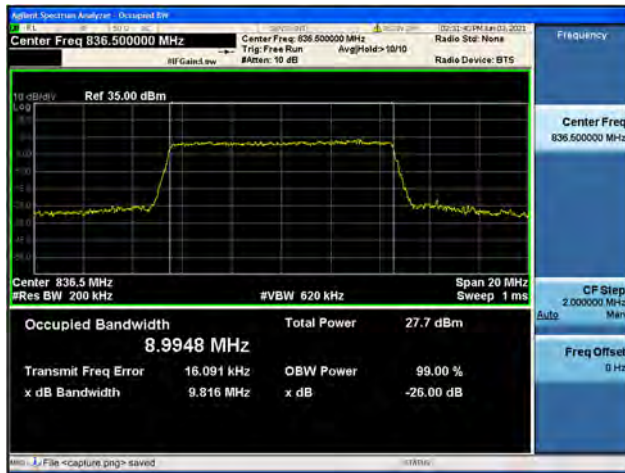


Band5 / 10MHz / Low CH / 64QAM





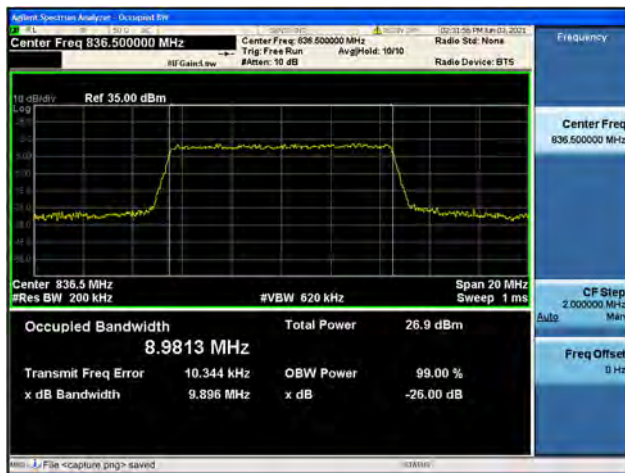
Band5 / 10MHz / Mid CH / QPSK



Band5 / 10MHz / Mid CH / 16QAM



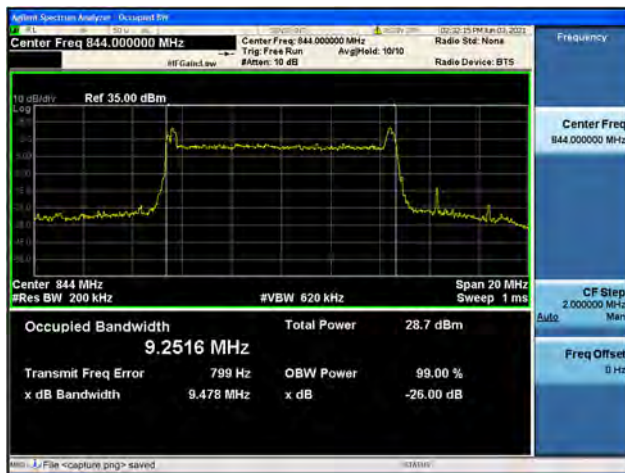
Band5 / 10MHz / Mid CH / 64QAM



Band5 / 10MHz / High CH / QPSK



Band5 / 10MHz / High CH / 16QAM

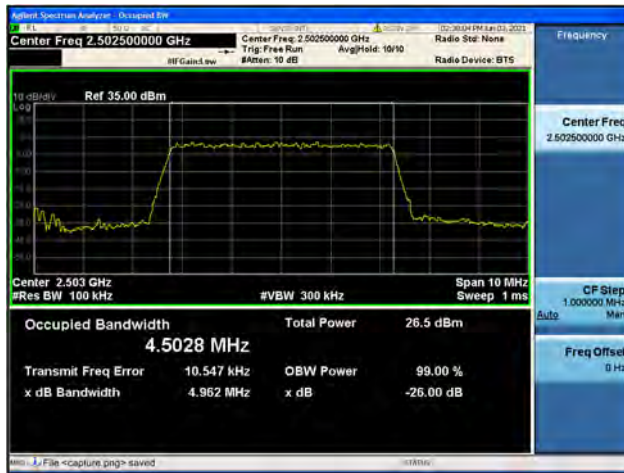


Band5 / 10MHz / High CH / 64QAM

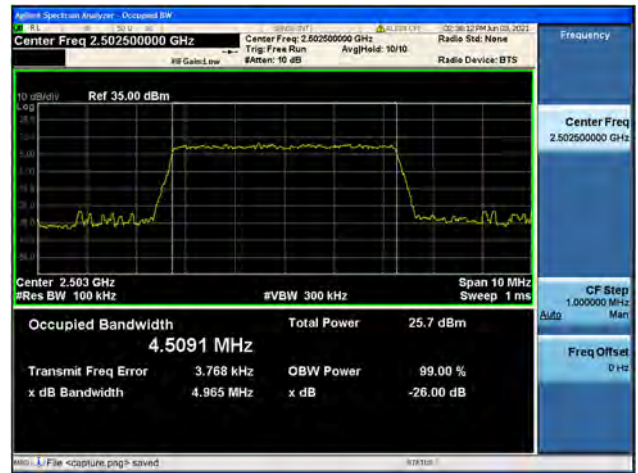




Band7 / 5MHz / Low CH / QPSK



Band7 / 5MHz / Low CH / 16QAM



Band7 / 5MHz / Low CH / 64QAM



Band7 / 5MHz / Mid CH / QPSK



Band7 / 5MHz / Mid CH / 16QAM

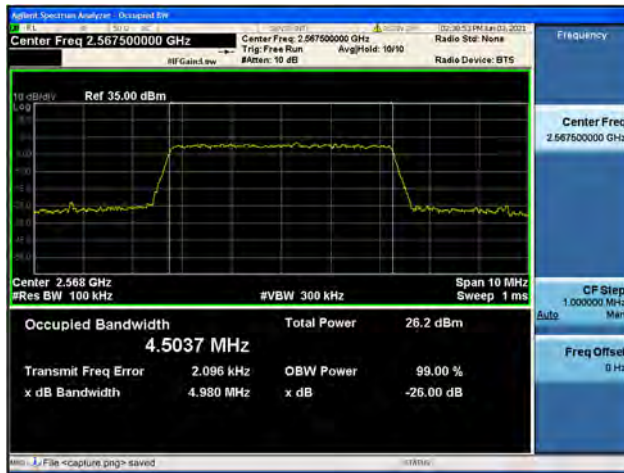


Band7 / 5MHz / Mid CH / 64QAM





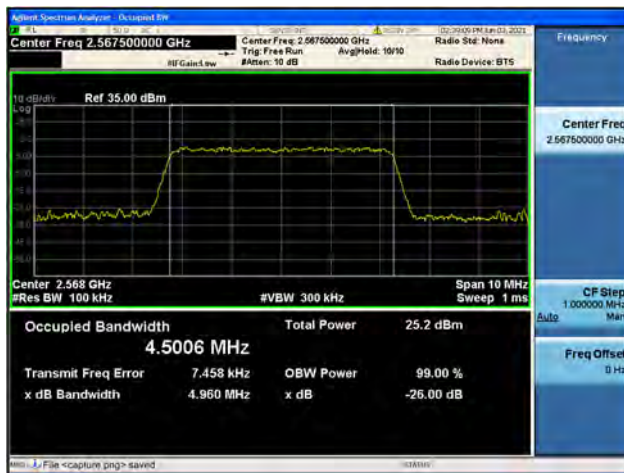
Band7 / 5MHz / High CH / QPSK



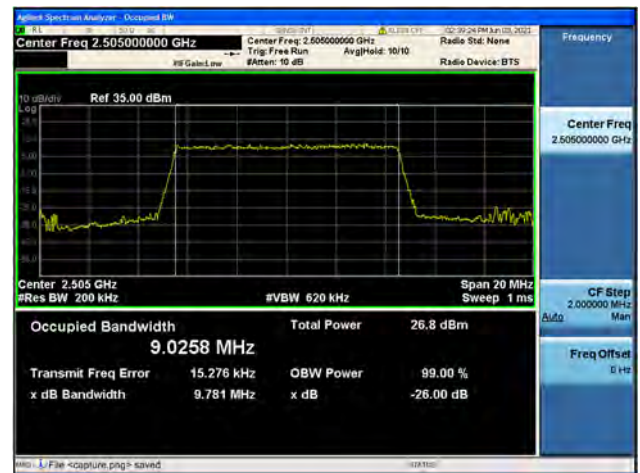
Band7 / 5MHz / High CH / 16QAM



Band7 / 5MHz / High CH / 64QAM



Band7 / 10MHz / Low CH / QPSK



Band7 / 10MHz / Low CH / 16QAM

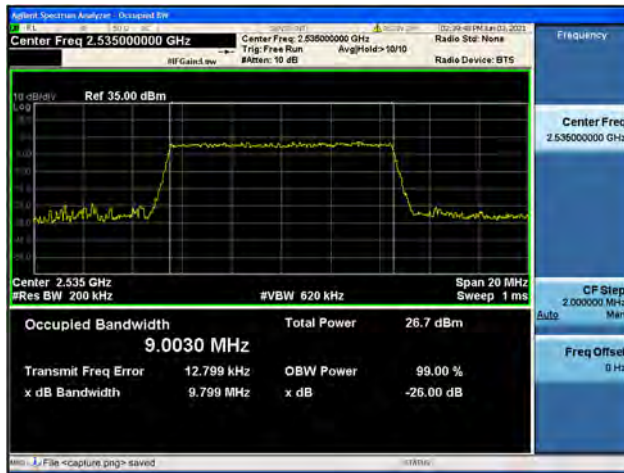


Band7 / 10MHz / Low CH / 64QAM





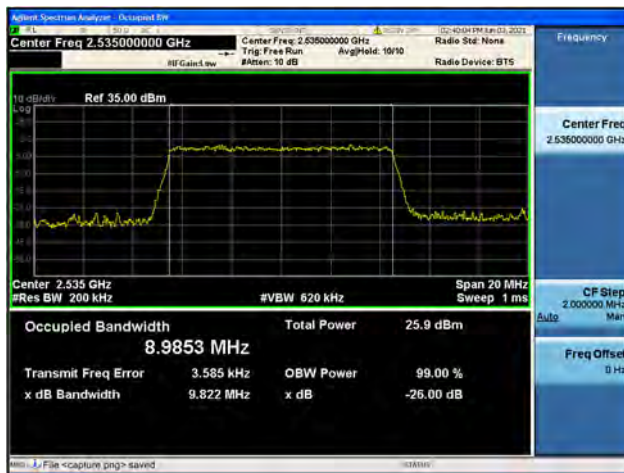
Band7 / 10MHz / Mid CH / QPSK



Band7 / 10MHz / Mid CH / 16QAM



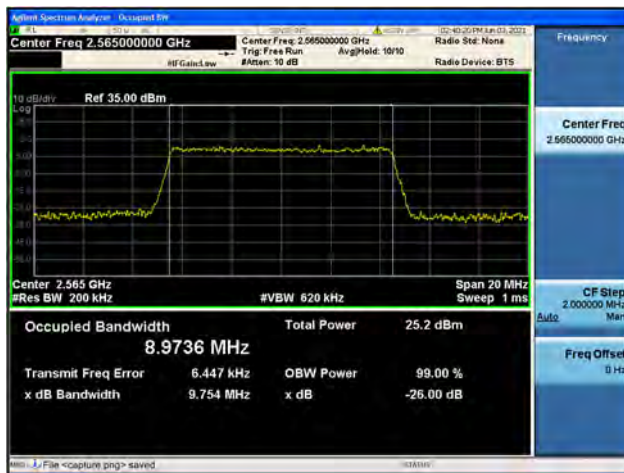
Band7 / 10MHz / Mid CH / 64QAM



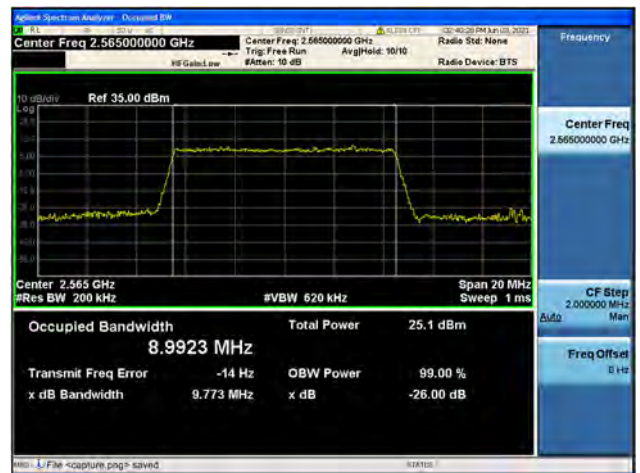
Band7 / 10MHz / High CH / QPSK



Band7 / 10MHz / High CH / 16QAM

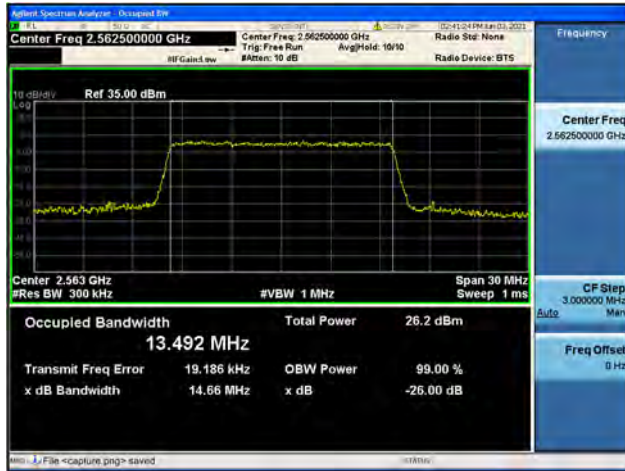


Band7 / 10MHz / High CH / 64QAM





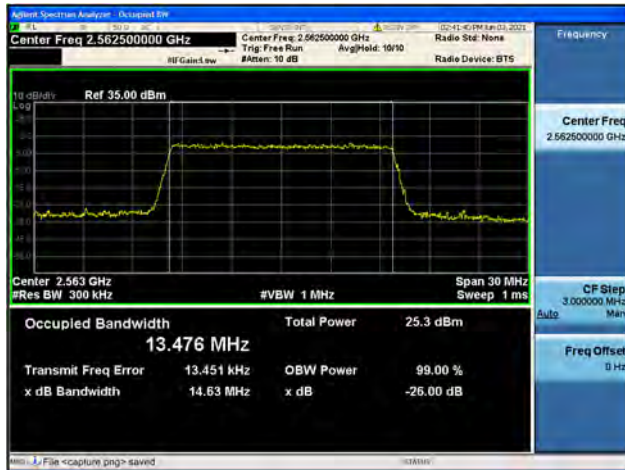
Band7 / 15MHz / High CH / QPSK



Band7 / 15MHz / High CH / 16QAM



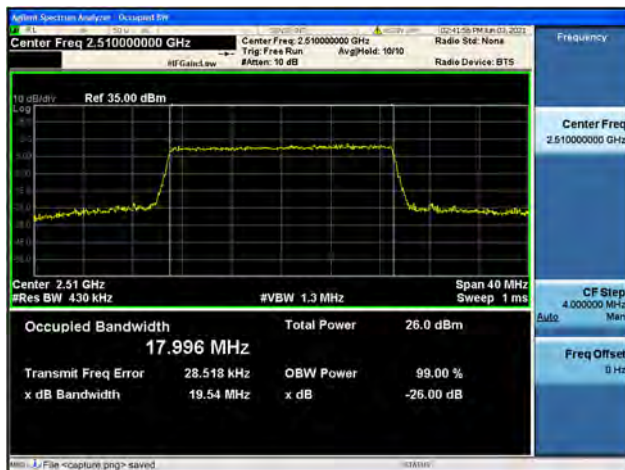
Band7 / 15MHz / High CH / 64QAM



Band7 / 20MHz / Low CH / QPSK



Band7 / 20MHz / Low CH / 16QAM

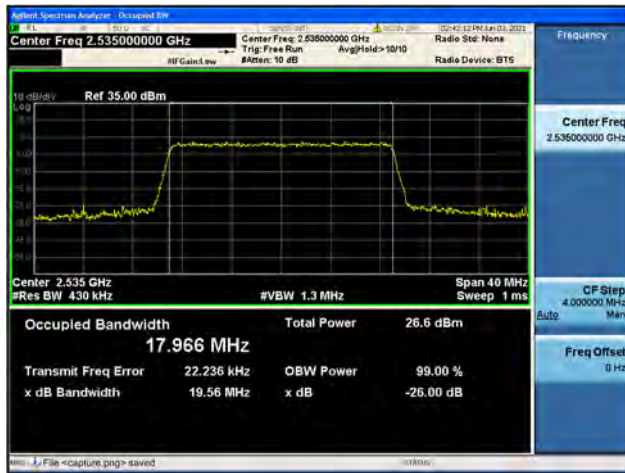


Band7 / 20MHz / Low CH / 64QAM

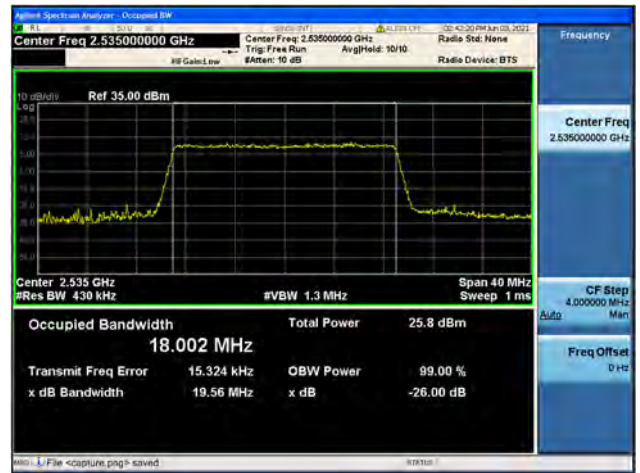




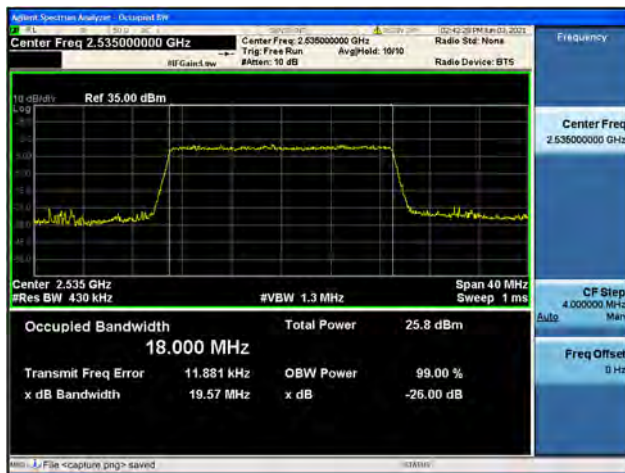
Band7 / 20MHz / Mid CH / QPSK



Band7 / 20MHz / Mid CH / 16QAM



Band7 / 20MHz / Mid CH / 64QAM



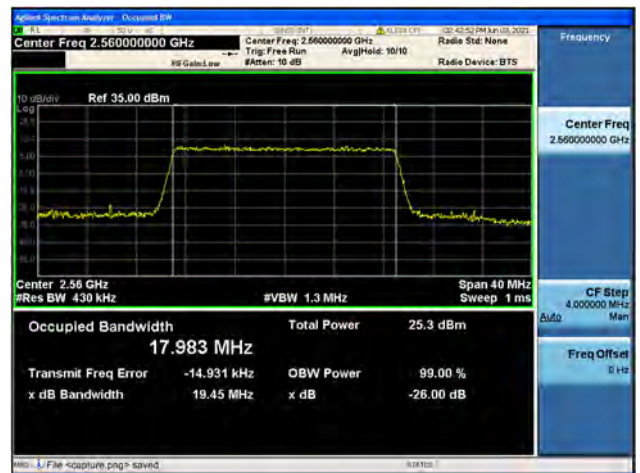
Band7 / 20MHz / High CH / QPSK



Band7 / 20MHz / High CH / 16QAM

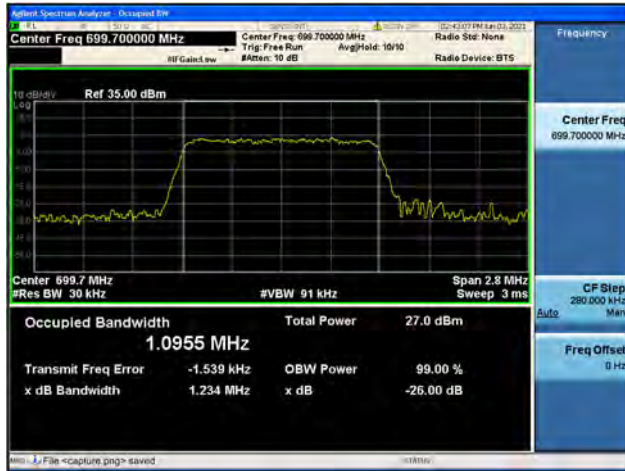


Band7 / 20MHz / High CH / 64QAM

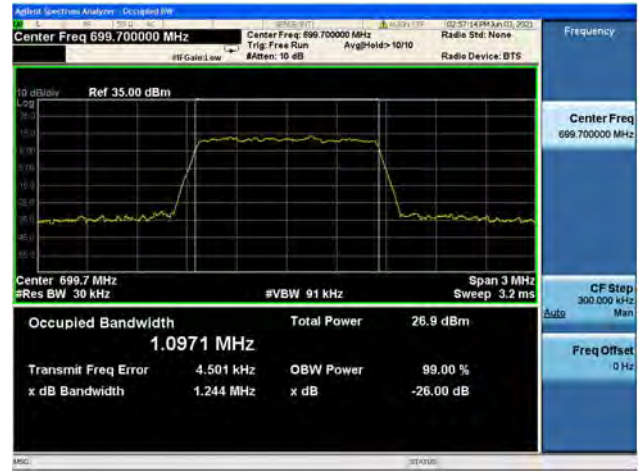




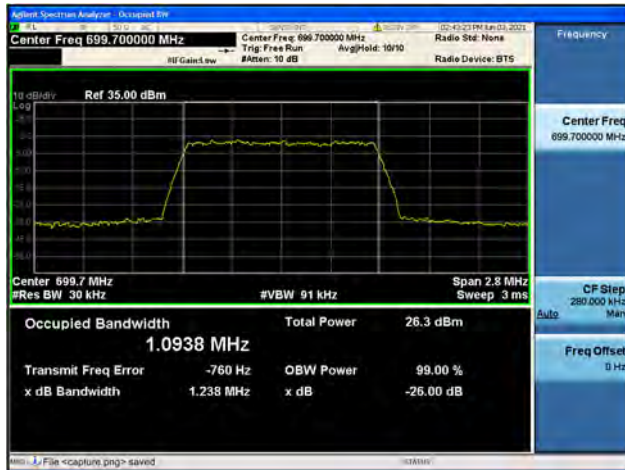
Band12 / 1.4MHz / Low CH / QPSK



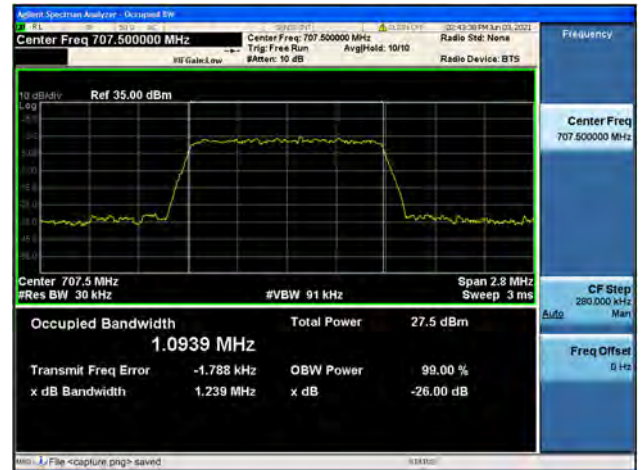
Band12 / 1.4MHz / Low CH / 16QAM



Band12 / 1.4MHz / Low CH / 64QAM



Band12 / 1.4MHz / Mid CH / QPSK

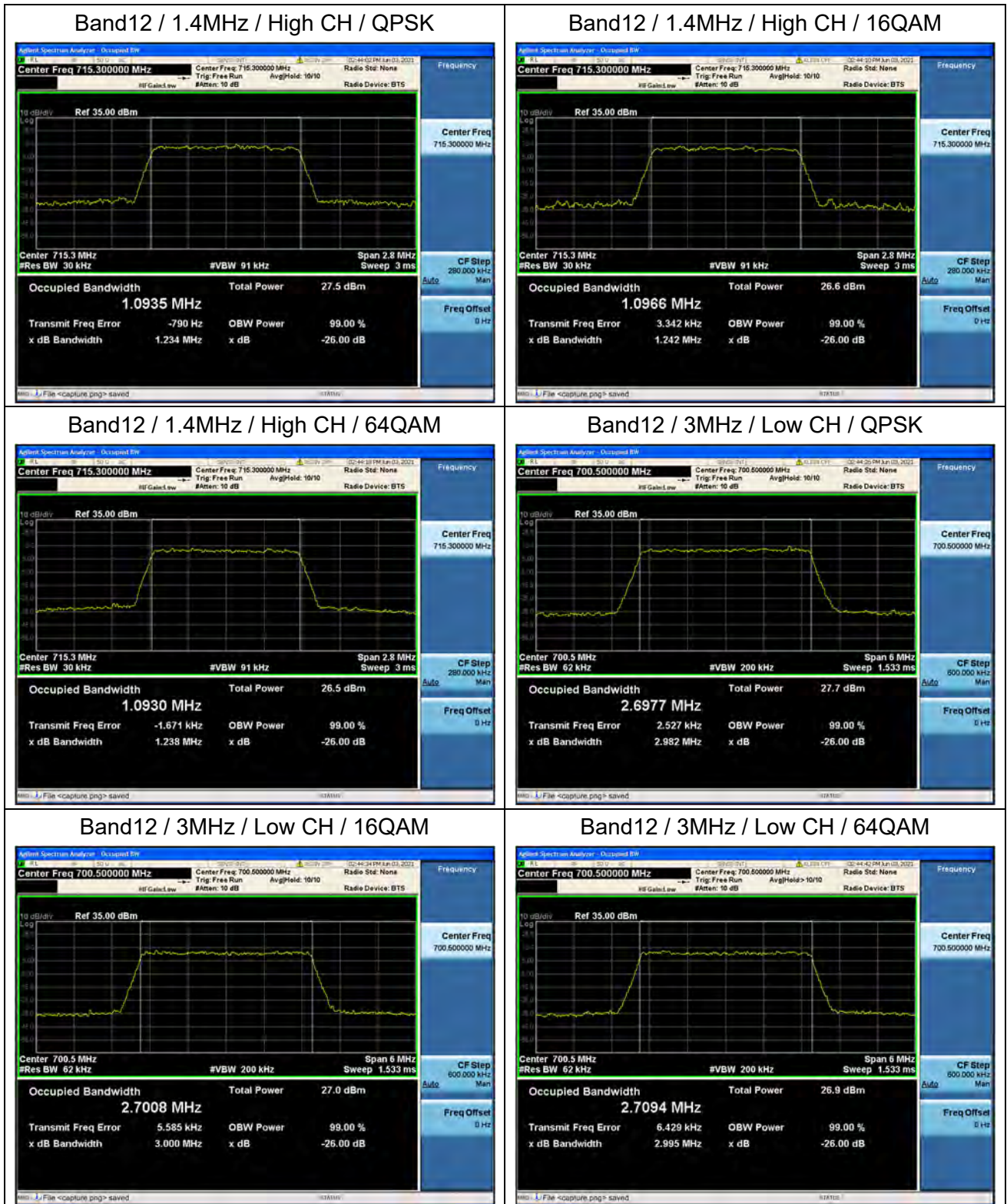


Band12 / 1.4MHz / Mid CH / 16QAM



Band12 / 1.4MHz / Mid CH / 64QAM







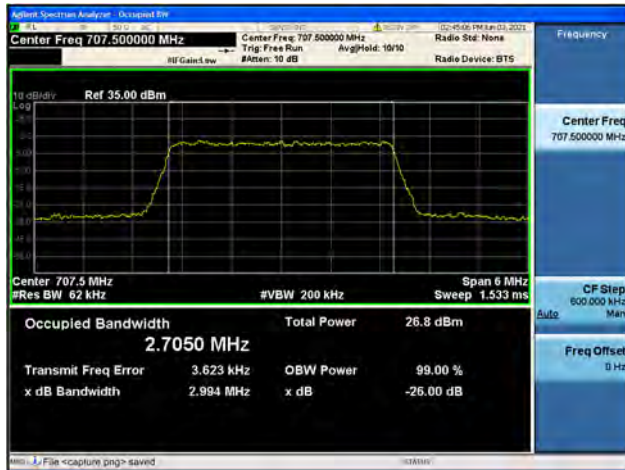
Band12 / 3MHz / Mid CH / QPSK



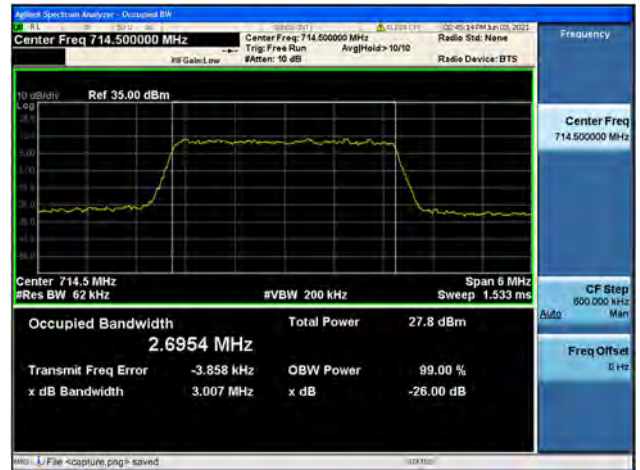
Band12 / 3MHz / Mid CH / 16QAM



Band12 / 3MHz / Mid CH / 64QAM



Band12 / 3MHz / High CH / QPSK



Band12 / 3MHz / High CH / 16QAM

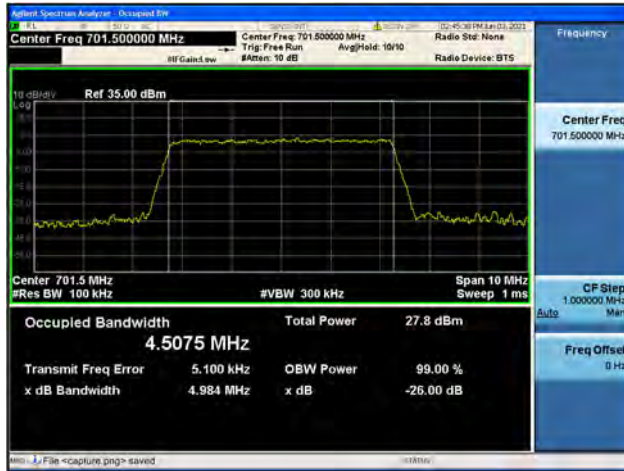


Band12 / 3MHz / High CH / 64QAM

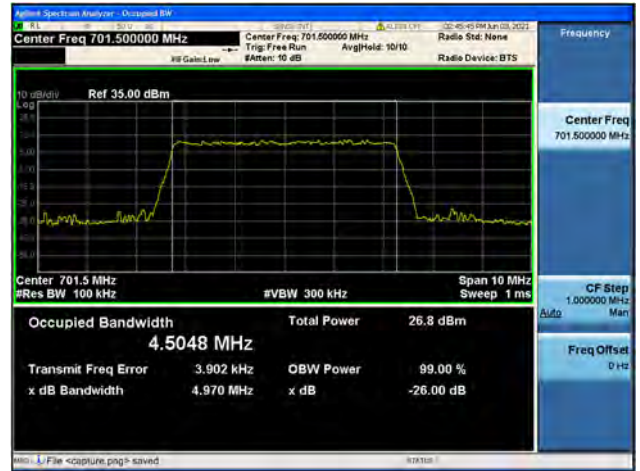




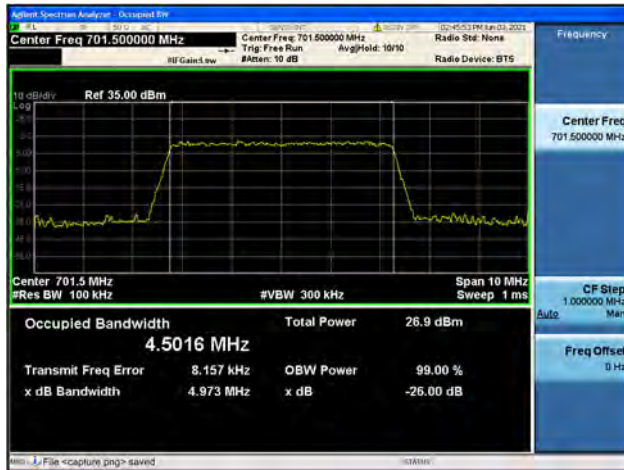
Band12 / 5MHz / Low CH / QPSK



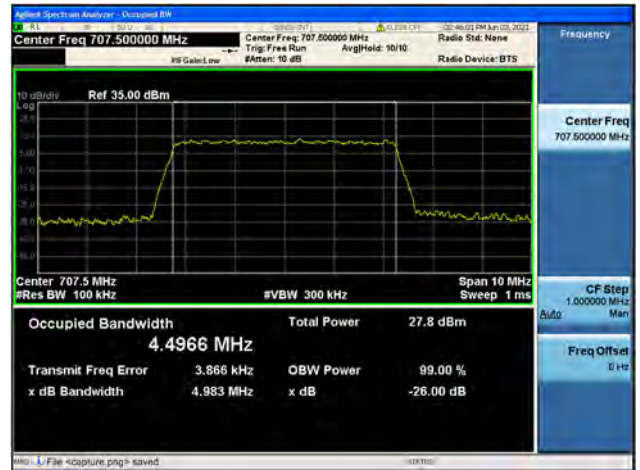
Band12 / 5MHz / Low CH / 16QAM



Band12 / 5MHz / Low CH / 64QAM



Band12 / 5MHz / Mid CH / QPSK



Band12 / 5MHz / Mid CH / 16QAM

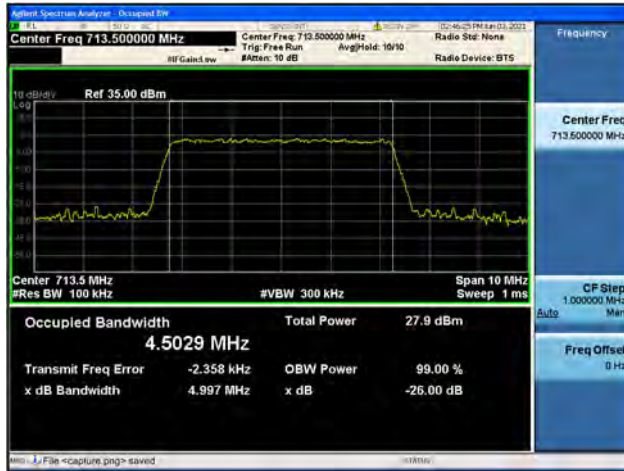


Band12 / 5MHz / Mid CH / 64QAM

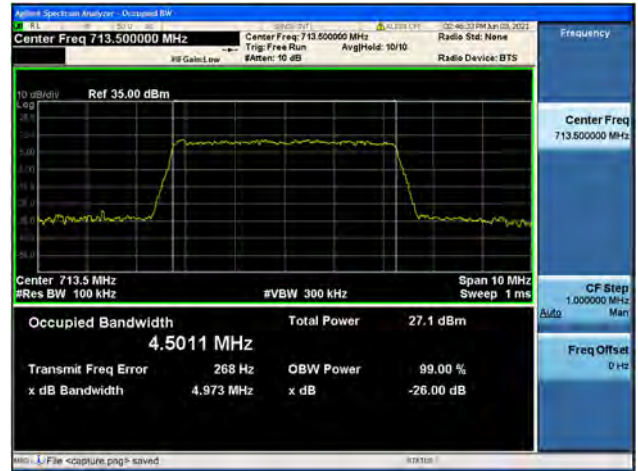




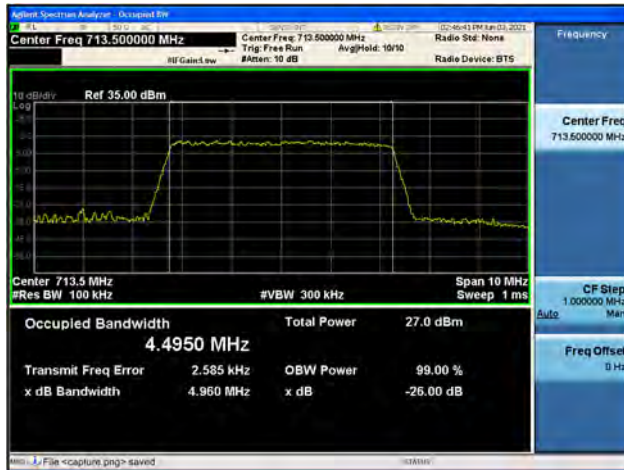
Band12 / 5MHz / High CH / QPSK



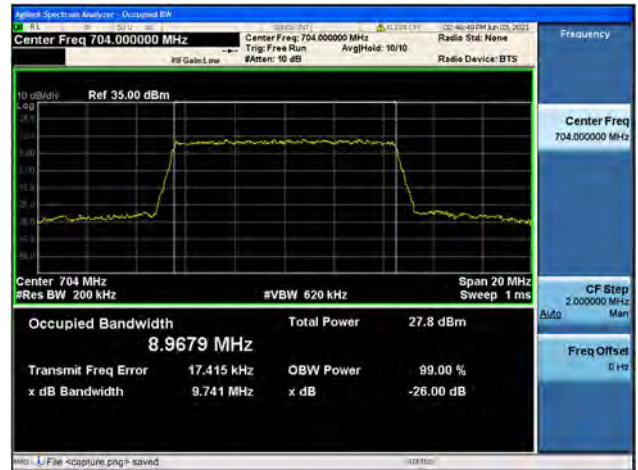
Band12 / 5MHz / High CH / 16QAM



Band12 / 5MHz / High CH / 64QAM



Band12 / 10MHz / Low CH / QPSK



Band12 / 10MHz / Low CH / 16QAM



Band12 / 10MHz / Low CH / 64QAM

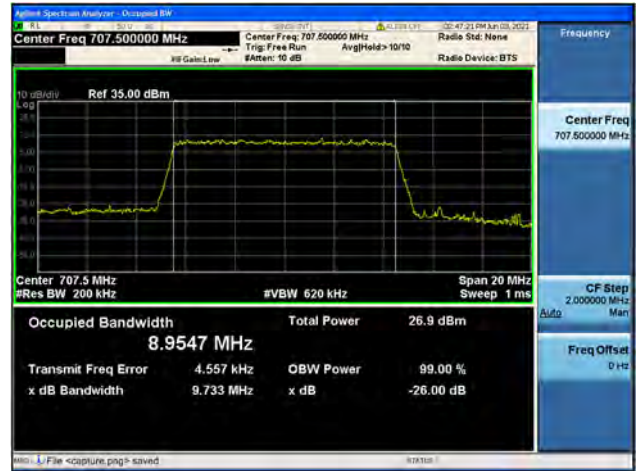




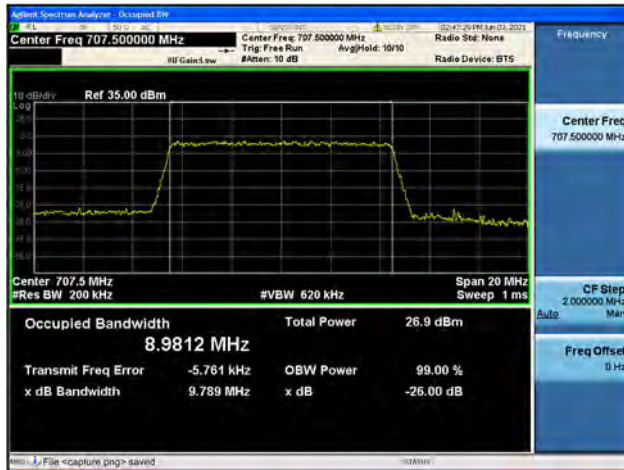
Band12 / 10MHz / Mid CH / QPSK



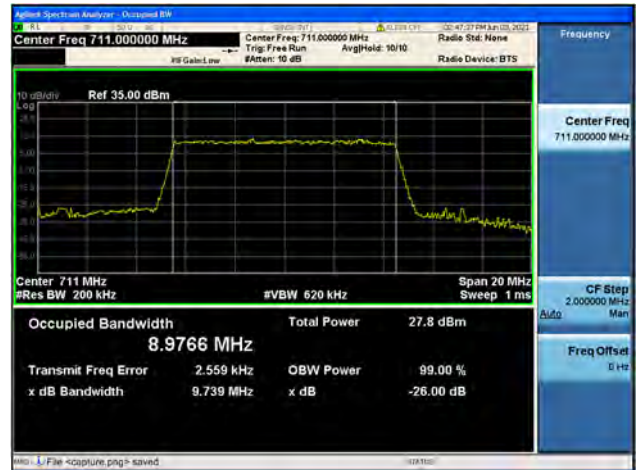
Band12 / 10MHz / Mid CH / 16QAM



Band12 / 10MHz / Mid CH / 64QAM



Band12 / 10MHz / High CH / QPSK



Band12 / 10MHz / High CH / 16QAM

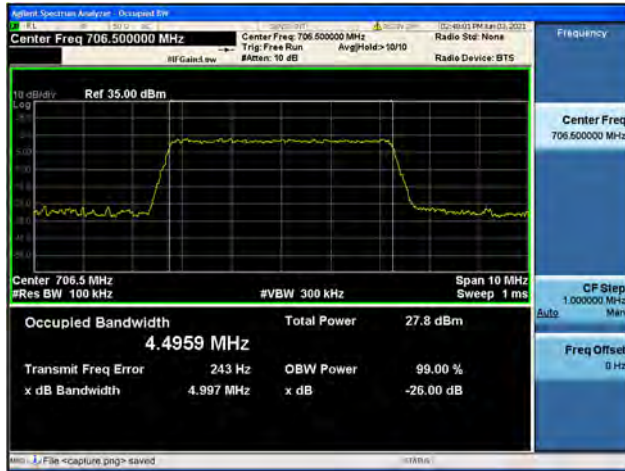


Band12 / 10MHz / High CH / 64QAM





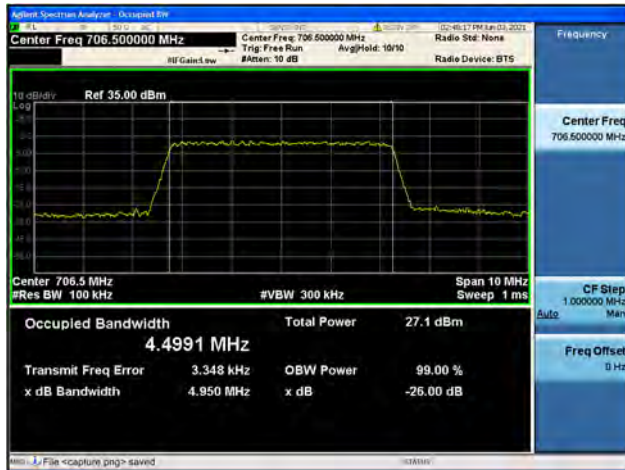
Band17 / 5MHz / Low CH / QPSK



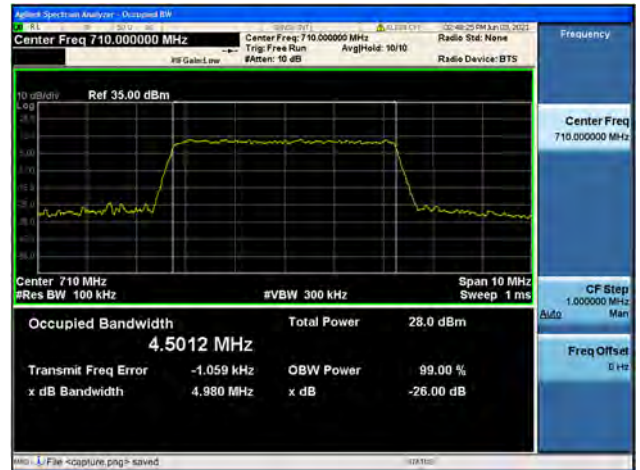
Band17 / 5MHz / Low CH / 16QAM



Band17 / 5MHz / Low CH / 64QAM



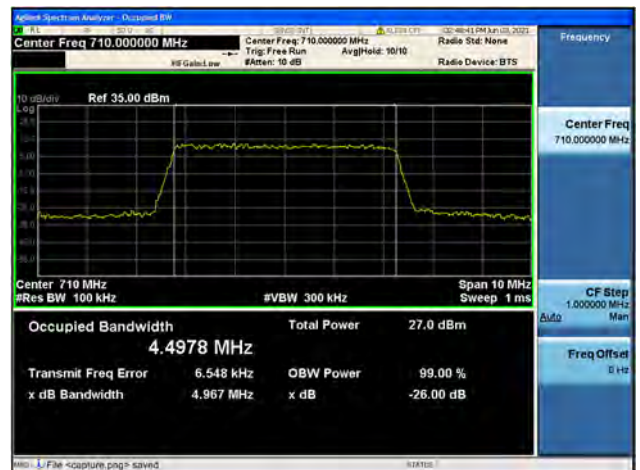
Band17 / 5MHz / Mid CH / QPSK



Band17 / 5MHz / Mid CH / 16QAM

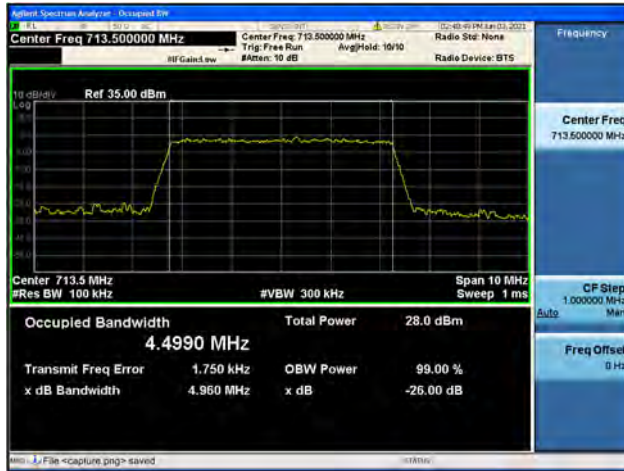


Band17 / 5MHz / Mid CH / 64QAM





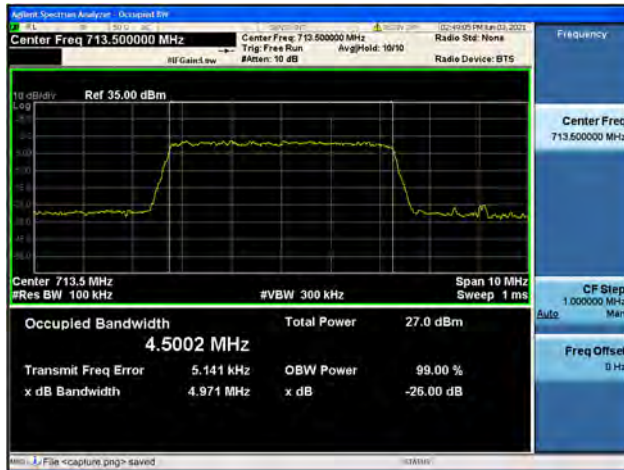
Band17 / 5MHz / High CH / QPSK



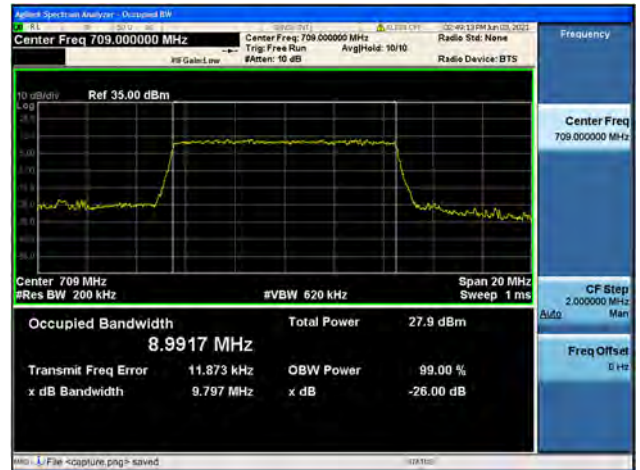
Band17 / 5MHz / High CH / 16QAM



Band17 / 5MHz / High CH / 64QAM



Band17 / 10MHz / Low CH / QPSK



Band17 / 10MHz / Low CH / 16QAM

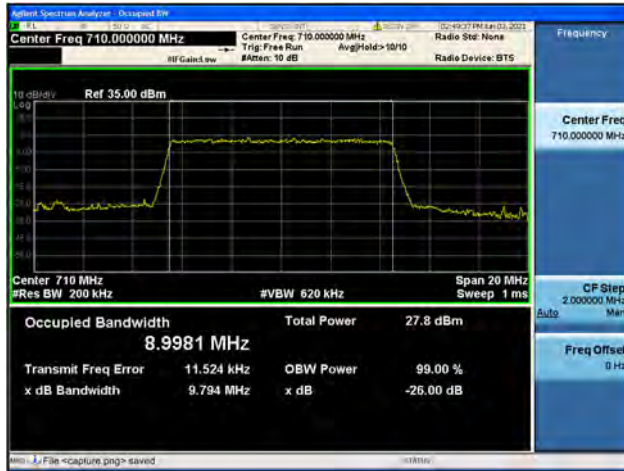


Band17 / 10MHz / Low CH / 64QAM





Band17 / 10MHz / Mid CH / QPSK



Band17 / 10MHz / Mid CH / 16QAM



Band17 / 10MHz / Mid CH / 64QAM



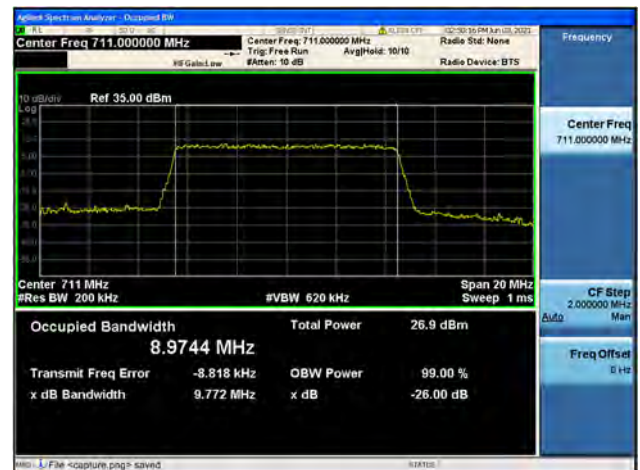
Band17 / 10MHz / High CH / QPSK



Band17 / 10MHz / High CH / 16QAM

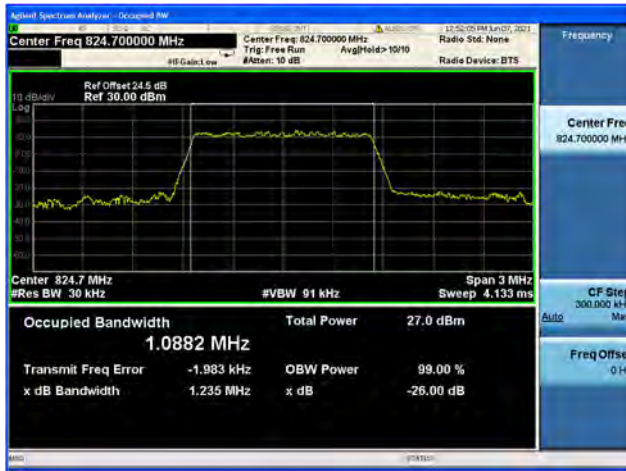


Band17 / 10MHz / High CH / 64QAM





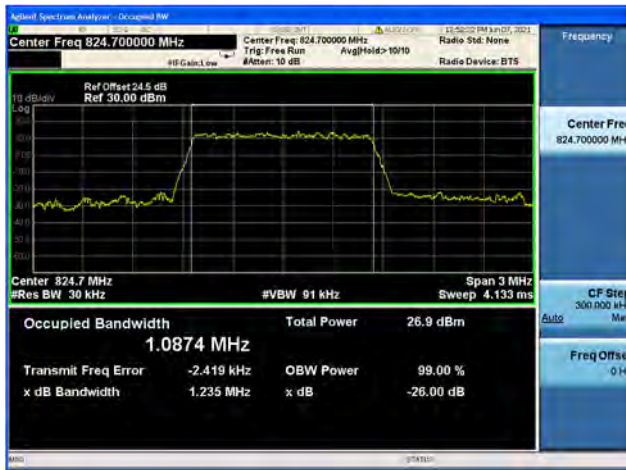
Band26 / 1.4MHz / Low CH / QPSK



Band26 / 1.4MHz / Low CH / 16QAM



Band26 / 1.4MHz / Low CH / 64QAM



Band26 / 1.4MHz / Mid CH / QPSK



Band26 / 1.4MHz / Mid CH / 16QAM



Band26 / 1.4MHz / Mid CH / 64QAM

