



REPORT No.: SZ21110262W07

TEST REPORT

APPLICANT : WIKO SAS

PRODUCT NAME : Smart phone

MODEL NAME : W-P861-01

BRAND NAME : WIKO

FCC ID : 2AM86W-P861-01

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

RECEIPT DATE : 2021-12-07

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Change History		
Version	Date	Reason for change
1.0	2022-01-18	First edition



1. Technical Information

Note: Provide by applicant.

1.1. Applicant and Manufacturer Information

Applicant:	WIKO SAS
Applicant Address:	1, rue Capitaine Dessemond – 13007 Marseille – France.
Manufacturer:	WIKO SAS
Manufacturer Address:	1, rue Capitaine Dessemond – 13007 Marseille – France.

1.2. Equipment Under Test (EUT) Description

Product Name:	Smart phone	
Sample No.:	20#	
Hardware Version:	V1.0	
Software Version:	W-P861-V01	
Modulation Type:	QPSK, 16QAM, 64QAM	
Carrier Aggregation:	Not Support	
Operation Band:	Band 2 / 4 / 5 / 7 / 13 / 26 / 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 13	Tx: 777MHz–787MHz
		Rx: 746MHz–756MHz
	LTE Band 26	Tx: 824MHz–849MHz
		Rx: 869MHz–894MHz
	LTE Band 66	Tx: 1710MHz –1780MHz
		Rx: 2110MHz –2200MHz



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, 15 MHz, 20 MHz
	LTE Band 13	5 MHz, 10MHz
	LTE Band 26	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz
	LTE Band 66	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
Antenna Type:	Fixed Internal Antenna	
Antenna Gain:	Top Antenna	
	LTE Band 2	-5.2dBi
	LTE Band 4	-5.2dBi
	LTE Band 5	-2.2dBi
	LTE Band 7	-1.3dBi
	LTE Band 13	-2.5dBi
	LTE Band 26	-2.2dBi
	LTE Band 66	-5.2dBi
	Bottom Antenna	
	LTE Band 2	-2.6dBi
	LTE Band 4	-2.6dBi
	LTE Band 5	-4.2dBi
	LTE Band 7	-0.8dBi
	LTE Band 13	-2.2dBi
	LTE Band 26	-4.2dBi
	LTE Band 66	-2.6dBi
	MAS Antenna	
	LTE Band 7	-2.1dBi
Accessory Information:	Battery 1	
	Brand Name:	N/A
	Model No.:	HB446589EFW
	Serial No.:	N/A
	Capacity:	3900mAh
	Rated Voltage:	3.87V
	Charge Limit:	4.45V
	Manufacturer:	SCUD(FUJIAN) ELECTRONICS CO.,LTD.



Accessory Information:	Battery 2	
	Brand Name:	N/A
	Model No.:	HB446589EFW
	Serial No.:	N/A
	Capacity:	3900mAh
	Rated Voltage:	3.87V
	Charge Limit:	4.45V
	Manufacturer:	Sunwoda Electronic Co., Ltd.
	AC Adapter 1	
	Brand Name:	WIKO
	Model No.:	SU2A40
	Serial No.:	N/A
	Rated Output:	5.0V $\Rightarrow$ 20A, 9.0V $\Rightarrow$ 2.0A, 10.0V $\Rightarrow$ 4.0A
	Rated Input:	100-240V $\sim$ 50/60Hz, 1.2A
	Manufacturer:	Luxshare Precision Industry Co., Ltd.
	AC Adapter 2	
	Brand Name:	WIKO
	Model No.:	SU1A40
	Serial No.:	N/A
	Rated Output:	5.0V $\Rightarrow$ 20A, 9.0V $\Rightarrow$ 2.0A, 10.0V $\Rightarrow$ 4.0A
	Rated Input:	100-240V $\sim$ 50/60Hz, 1.2A
	Manufacturer:	Luxshare Precision Industry Co., Ltd.
	USB Cable	
	Model No.:	L99UC138-CS-H
	Manufacturer:	Luxshare Precision Industry Co., Ltd.

Note 1: The EUT supports top antenna and bottom antenna. For test item Conducted RF Output Power, Radiated Power and Radiated Out of Band Emissions we recorded the test result of two antennas separately, for other test items both of the two antennas were tested separately, we only recorded the worst test results (Top Antenna) in this report.

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

Note 3: 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	0.064	0.053	0.052	0.112	0.097	0.096
15	0.064	0.055	0.053	0.112	0.099	0.096
10	0.063	0.052	0.052	0.111	0.095	0.095
5	0.062	0.052	0.053	0.107	0.094	0.096
3	0.062	0.054	0.052	0.109	0.097	0.094
1.4	0.064	0.054	0.053	0.112	0.098	0.097
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	0.064	0.053	0.052	0.114	0.099	0.097
15	0.065	0.054	0.051	0.115	0.100	0.095
10	0.067	0.054	0.055	0.118	0.101	0.102
5	0.063	0.054	0.054	0.111	0.101	0.101
3	0.064	0.054	0.052	0.112	0.099	0.096
1.4	0.064	0.055	0.053	0.114	0.102	0.098
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	0.102	0.083	0.082	0.059	0.051	0.050
5	0.101	0.083	0.082	0.059	0.051	0.050
3	0.099	0.079	0.083	0.058	0.048	0.051
1.4	0.098	0.083	0.082	0.058	0.051	0.051
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	0.128	0.107	0.105	0.166	0.143	0.140
15	0.127	0.107	0.107	0.165	0.143	0.143
10	0.125	0.105	0.103	0.166	0.143	0.140
5	0.127	0.105	0.106	0.167	0.142	0.143



LTE Band 13	Maximum E.R.P./E.I.R.P. (W)					
	Top Antenna			Bottom Antenna		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10	0.092	0.073	0.072	0.094	0.074	0.077
5	0.091	0.072	0.074	0.094	0.079	0.081
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	0.097	0.078	0.081	0.059	0.049	0.051
10	0.096	0.081	0.078	0.058	0.051	0.049
5	0.095	0.079	0.079	0.057	0.049	0.049
3	0.095	0.077	0.077	0.058	0.048	0.048
1.4	0.095	0.077	0.077	0.058	0.048	0.048
LTE Band 66	Maximum E.R.P./E.I.R.P. (W)					
	Top Antenna			Bottom Antenna		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20	0.063	0.054	0.053	0.110	0.102	0.100
15	0.063	0.050	0.052	0.110	0.096	0.099
10	0.062	0.052	0.053	0.108	0.099	0.100
5	0.062	0.052	0.053	0.108	0.100	0.101
3	0.062	0.054	0.052	0.109	0.101	0.099
1.4	0.062	0.052	0.053	0.108	0.098	0.101

LTE Band 7	Maximum E.R.P./E.I.R.P. (W)		
	MAS Antenna		
BW(MHz)	QPSK	16QAM	64QAM
20	0.133	0.106	0.105
15	0.128	0.106	0.104
10	0.129	0.106	0.104
5	0.128	0.107	0.106



LTE B2	Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM
1.4	1M10G7D	1M10W7D	1M10W7D
3	2M69G7D	2M70W7D	2M70W7D
5	4M50G7D	4M51W7D	4M50W7D
10	9M00G7D	8M98W7D	9M00W7D
15	13M5G7D	13M5W7D	13M5W7D
20	18M0G7D	18M0W7D	18M0W7D
LTE B4	Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM
1.4	1M10G7D	1M10W7D	1M10W7D
3	2M69G7D	2M70W7D	2M70W7D
5	4M50G7D	4M51W7D	4M50W7D
10	9M01G7D	8M98W7D	9M01W7D
15	13M5G7D	13M5W7D	13M5W7D
20	18M0G7D	18M0W7D	18M0W7D
LTE B5	Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM
1.4	1M10G7D	1M10W7D	1M10W7D
3	2M69G7D	2M70W7D	2M70W7D
5	4M50G7D	4M51W7D	4M50W7D
10	9M00G7D	8M97W7D	8M99W7D
LTE B7	Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM
5	4M50G7D	4M50W7D	4M50W7D
10	9M03G7D	8M98W7D	9M01W7D
15	13M5G7D	13M5W7D	13M5W7D
20	18M0G7D	18M0W7D	18M0W7D
LTE B13	Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM
5	4M52G7D	4M52W7D	4M51W7D
10	9M00G7D	8M97W7D	8M97W7D



LTE B26	Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM
1.4	1M09G7D	1M09W7D	1M09W7D
3	2M70G7D	2M70W7D	2M71W7D
5	4M51G7D	4M51W7D	4M51W7D
10	9M01G7D	8M99W7D	9M00W7D
15	13M5G7D	13M5W7D	13M5W7D
LTE B66	Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM
1.4	1M10G7D	1M10W7D	1M10W7D
3	2M69G7D	2M69W7D	2M70W7D
5	4M52G7D	4M52W7D	4M53W7D
10	9M04G7D	9M00W7D	9M02W7D
15	13M5G7D	13M5W7D	13M5W7D
20	18M0G7D	18M1W7D	18M0W7D



1.4. Test Standards and Results

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

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

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

Section	Description	Test Date	Test Engineer	Result	Method Determination /Remark
2.1046 22.913(a)(2) 24.232(c) 27.50(b)(10) 27.50(d)(4) 27.50(h)(2)	Transmitter Conducted Output Power and E.R.P./E.I.R.P.	Jan 13, 2022	Yu Xiaoming Li Huaijie	PASS	No deviation
2.1049	Occupied Bandwidth	Dec 16&17, 2021	Li Huaijie	PASS	No deviation
2.1055 22.355 24.235 27.54	Frequency Stability	Dec 22, 2021	Li Huaijie	PASS	No deviation
24.232(d), 27.50(d)(5)	Peak to Average Radio	Dec 17&20, 2021	Li Huaijie	PASS	No deviation
2.1051 22.917(a) 24.238(a) 27.53(c)(2) 27.53(h) 27.53(m)(4)	Conducted Spurious Emissions	Dec 16&22, 2021	Li Huaijie	PASS	No deviation
2.1051 22.917(a) 24.238(a) 27.53(c)(2)	Band Edge	Dec 16&17, 2021	Li Huaijie	PASS	No deviation



27.53(h) 27.53(m)(4)					
2.1051 22.917(a) 24.238(a) 27.53(c)(2) 27.53(h) 27.53(m)(4)	Radiated Spurious Emissions	Dec 19&20, 2021	Su Zhan	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% risk level.

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 F&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.

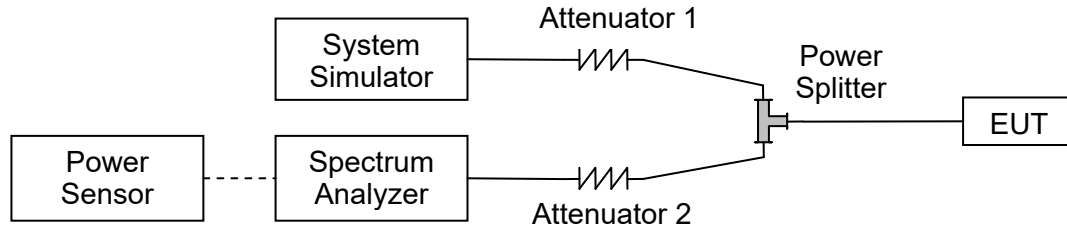
According to FCC section 27.50 (d)(4) for LTE Band 4/66, Fixed, mobile and portable (hand-held) stations in the 1710-1755MHz band are limited to 1wat E.I.R.P.

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

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

2.1.2. Test Description



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

2.1.3. Test Procedure

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

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

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

**2.1.4. Result****Conducted Output Power
Top Antenna**

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	23.11	23.26	23.23
20	QPSK	1	49	23.16	23.21	23.15
20	QPSK	1	99	22.97	22.97	23.05
20	QPSK	50	0	22.23	22.30	22.22
20	QPSK	50	24	22.10	22.24	22.10
20	QPSK	50	50	22.10	22.24	22.15
20	QPSK	100	0	22.25	22.18	22.25
20	16QAM	1	0	22.37	22.42	22.16
20	16QAM	1	49	22.36	22.38	22.12
20	16QAM	1	99	22.10	22.20	22.46
20	16QAM	50	0	22.39	22.32	22.35
20	16QAM	50	24	22.32	22.35	22.35
20	16QAM	50	50	22.37	22.29	22.27
20	16QAM	100	0	22.27	22.34	22.34
20	64QAM	1	0	22.40	22.17	22.31
20	64QAM	1	49	22.32	22.35	22.17
20	64QAM	1	99	22.16	22.15	22.12
20	64QAM	50	0	22.26	22.13	22.15
20	64QAM	50	24	22.24	22.19	22.12
20	64QAM	50	50	22.25	22.11	22.33
20	64QAM	100	0	22.27	22.24	22.10



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	23.23	23.24	23.21
15	QPSK	1	37	23.07	23.14	22.96
15	QPSK	1	74	23.15	23.01	22.88
15	QPSK	36	0	22.26	22.29	22.15
15	QPSK	36	20	22.28	22.18	22.11
15	QPSK	36	39	22.25	22.14	22.10
15	QPSK	75	0	22.26	22.22	22.12
15	16QAM	1	0	22.57	22.14	22.38
15	16QAM	1	37	22.31	22.36	22.12
15	16QAM	1	74	22.33	22.20	22.25
15	16QAM	36	0	22.29	22.17	22.13
15	16QAM	36	20	22.30	22.15	22.12
15	16QAM	36	39	22.29	22.25	22.23
15	16QAM	75	0	22.30	22.11	22.13
15	64QAM	1	0	22.25	22.30	22.14
15	64QAM	1	37	22.18	22.12	22.44
15	64QAM	1	74	22.40	22.15	22.13
15	64QAM	36	0	22.27	22.13	22.11
15	64QAM	36	20	22.25	22.22	22.17
15	64QAM	36	39	22.31	22.17	22.12
15	64QAM	75	0	22.18	22.15	22.14



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	22.92	23.20	23.19
10	QPSK	1	25	23.12	23.04	23.11
10	QPSK	1	49	23.12	23.11	23.09
10	QPSK	25	0	22.14	22.21	22.13
10	QPSK	25	12	22.18	22.15	22.19
10	QPSK	25	25	22.18	22.10	22.12
10	QPSK	50	0	22.14	22.23	22.10
10	16QAM	1	0	22.11	22.28	22.27
10	16QAM	1	25	22.14	22.23	22.13
10	16QAM	1	49	22.24	22.16	22.25
10	16QAM	25	0	22.29	22.24	22.19
10	16QAM	25	12	22.36	22.30	22.13
10	16QAM	25	25	22.14	22.15	22.16
10	16QAM	50	0	22.33	22.10	22.23
10	64QAM	1	0	22.11	22.16	22.18
10	64QAM	1	25	22.37	22.35	22.16
10	64QAM	1	49	22.36	22.18	22.27
10	64QAM	25	0	22.35	22.23	22.23
10	64QAM	25	12	22.34	22.32	22.19
10	64QAM	25	25	22.28	22.16	22.14
10	64QAM	50	0	22.22	22.13	22.17



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	22.71	23.10	22.73
5	QPSK	1	12	22.94	22.98	22.81
5	QPSK	1	24	22.66	22.76	22.87
5	QPSK	12	0	22.25	22.33	22.13
5	QPSK	12	7	22.33	22.31	22.18
5	QPSK	12	13	22.18	22.17	22.25
5	QPSK	25	0	22.18	22.20	22.34
5	16QAM	1	0	22.13	22.24	22.25
5	16QAM	1	12	22.20	22.24	22.23
5	16QAM	1	24	22.30	22.13	22.15
5	16QAM	12	0	22.28	22.20	22.23
5	16QAM	12	7	22.38	22.29	22.27
5	16QAM	12	13	22.27	22.27	22.27
5	16QAM	25	0	22.23	22.30	22.25
5	64QAM	1	0	22.11	22.46	22.22
5	64QAM	1	12	22.15	22.34	22.42
5	64QAM	1	24	22.18	22.12	22.20
5	64QAM	12	0	22.25	22.20	22.29
5	64QAM	12	7	22.36	22.28	22.27
5	64QAM	12	13	22.21	22.22	22.23
5	64QAM	25	0	22.16	22.33	22.25



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	23.04	23.15	22.82
3	QPSK	1	8	23.07	22.89	22.86
3	QPSK	1	14	23.09	22.97	22.87
3	QPSK	8	0	22.25	22.32	22.22
3	QPSK	8	4	22.14	22.28	22.23
3	QPSK	8	7	22.12	22.25	22.31
3	QPSK	15	0	22.21	22.29	22.17
3	16QAM	1	0	22.24	22.29	22.31
3	16QAM	1	8	22.30	22.12	22.36
3	16QAM	1	14	22.41	22.49	22.20
3	16QAM	8	0	22.26	22.24	22.27
3	16QAM	8	4	22.39	22.30	22.31
3	16QAM	8	7	22.26	22.22	22.12
3	16QAM	15	0	22.21	22.24	22.23
3	64QAM	1	0	22.22	22.30	22.29
3	64QAM	1	8	22.29	22.19	22.16
3	64QAM	1	14	22.23	22.17	22.19
3	64QAM	8	0	22.30	22.29	22.13
3	64QAM	8	4	22.23	22.23	22.20
3	64QAM	8	7	22.22	22.20	22.16
3	64QAM	15	0	22.36	22.30	22.21



LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18607	18900	19193
Frequency (MHz)				1850.7	1880	1909.3
1.4	QPSK	1	0	22.88	23.23	22.94
1.4	QPSK	1	3	23.16	23.11	23.18
1.4	QPSK	1	5	23.01	23.00	23.19
1.4	QPSK	3	0	22.12	22.20	22.15
1.4	QPSK	3	1	22.35	22.28	22.19
1.4	QPSK	3	3	22.18	22.21	22.15
1.4	QPSK	6	0	22.33	22.26	22.11
1.4	16QAM	1	0	22.51	22.41	22.26
1.4	16QAM	1	3	22.10	22.12	22.38
1.4	16QAM	1	5	22.15	22.28	22.12
1.4	16QAM	3	0	22.17	22.10	22.23
1.4	16QAM	3	1	22.21	22.15	22.19
1.4	16QAM	3	3	22.10	22.24	22.14
1.4	16QAM	6	0	22.31	22.19	22.14
1.4	64QAM	1	0	22.12	22.22	22.15
1.4	64QAM	1	3	22.24	22.25	22.20
1.4	64QAM	1	5	22.44	22.19	22.15
1.4	64QAM	3	0	22.18	22.11	22.10
1.4	64QAM	3	1	22.28	22.12	22.14
1.4	64QAM	3	3	22.24	22.14	22.19
1.4	64QAM	6	0	22.18	22.20	22.10



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20050	20175	20300
Frequency (MHz)				1720	1732.5	1745
20	QPSK	1	0	23.18	23.28	23.17
20	QPSK	1	49	23.18	23.12	23.12
20	QPSK	1	99	23.10	23.14	23.18
20	QPSK	50	0	22.19	22.48	22.41
20	QPSK	50	24	22.18	22.11	22.35
20	QPSK	50	50	22.37	22.22	22.19
20	QPSK	100	0	22.31	22.15	22.34
20	16QAM	1	0	22.15	22.11	22.22
20	16QAM	1	49	22.44	22.34	22.41
20	16QAM	1	99	22.29	22.10	22.13
20	16QAM	50	0	22.16	22.23	22.36
20	16QAM	50	24	22.26	22.14	22.30
20	16QAM	50	50	22.40	22.15	22.18
20	16QAM	100	0	22.26	22.19	22.42
20	64QAM	1	0	22.17	22.38	22.14
20	64QAM	1	49	22.29	22.28	22.26
20	64QAM	1	99	22.13	22.25	22.16
20	64QAM	50	0	22.19	22.26	22.37
20	64QAM	50	24	22.28	22.10	22.30
20	64QAM	50	50	22.25	22.11	22.22
20	64QAM	100	0	22.29	22.12	22.38



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20025	20175	20325
Frequency (MHz)				1717.5	1732.5	1747.5
15	QPSK	1	0	23.22	23.34	23.10
15	QPSK	1	37	23.22	23.22	23.30
15	QPSK	1	74	22.92	22.86	23.01
15	QPSK	36	0	22.16	22.18	22.25
15	QPSK	36	20	22.25	22.20	22.21
15	QPSK	36	39	22.26	22.13	22.17
15	QPSK	75	0	22.22	22.24	22.25
15	16QAM	1	0	22.24	22.24	22.26
15	16QAM	1	37	22.13	22.53	22.21
15	16QAM	1	74	22.39	22.14	22.24
15	16QAM	36	0	22.11	22.10	22.24
15	16QAM	36	20	22.14	22.21	22.24
15	16QAM	36	39	22.39	22.14	22.20
15	16QAM	75	0	22.33	22.17	22.28
15	64QAM	1	0	22.11	22.18	22.12
15	64QAM	1	37	22.26	22.16	22.15
15	64QAM	1	74	22.11	22.25	22.10
15	64QAM	36	0	22.19	22.25	22.26
15	64QAM	36	20	22.28	22.12	22.16
15	64QAM	36	39	22.19	22.11	22.23
15	64QAM	75	0	22.24	22.14	22.24



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	23.05	23.44	23.21
10	QPSK	1	25	23.28	23.27	23.29
10	QPSK	1	49	23.05	23.09	23.04
10	QPSK	25	0	22.38	22.23	22.32
10	QPSK	25	12	22.22	22.19	22.25
10	QPSK	25	25	22.31	22.25	22.24
10	QPSK	50	0	22.39	22.17	22.31
10	16QAM	1	0	22.44	22.26	22.22
10	16QAM	1	25	22.56	22.25	22.39
10	16QAM	1	49	22.24	22.11	22.32
10	16QAM	25	0	22.27	22.31	22.30
10	16QAM	25	12	22.28	22.19	22.27
10	16QAM	25	25	22.30	22.20	22.24
10	16QAM	50	0	22.36	22.14	22.28
10	64QAM	1	0	22.25	22.25	22.57
10	64QAM	1	25	22.35	22.21	22.26
10	64QAM	1	49	22.26	22.25	22.11
10	64QAM	25	0	22.27	22.31	22.42
10	64QAM	25	12	22.25	22.29	22.26
10	64QAM	25	25	22.28	22.21	22.30
10	64QAM	50	0	22.40	22.25	22.34



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	23.09	23.21	23.18
5	QPSK	1	12	23.14	23.14	23.11
5	QPSK	1	24	23.17	22.91	22.97
5	QPSK	12	0	22.27	22.19	22.27
5	QPSK	12	7	22.26	22.26	22.34
5	QPSK	12	13	22.18	22.12	22.23
5	QPSK	25	0	22.27	22.27	22.15
5	16QAM	1	0	22.51	22.41	22.38
5	16QAM	1	12	22.26	22.35	22.55
5	16QAM	1	24	22.46	22.36	22.21
5	16QAM	12	0	22.29	22.18	22.15
5	16QAM	12	7	22.23	22.26	22.35
5	16QAM	12	13	22.21	22.27	22.33
5	16QAM	25	0	22.33	22.12	22.36
5	64QAM	1	0	22.15	22.12	22.20
5	64QAM	1	12	22.54	22.18	22.27
5	64QAM	1	24	22.11	22.11	22.24
5	64QAM	12	0	22.18	22.11	22.10
5	64QAM	12	7	22.27	22.16	22.32
5	64QAM	12	13	22.18	22.14	22.18
5	64QAM	25	0	22.38	22.20	22.24



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	23.19	23.25	23.11
3	QPSK	1	8	23.17	23.17	23.15
3	QPSK	1	14	23.15	23.15	23.12
3	QPSK	8	0	22.22	22.31	22.10
3	QPSK	8	4	22.24	22.19	22.22
3	QPSK	8	7	22.27	22.20	22.15
3	QPSK	15	0	22.24	22.22	22.29
3	16QAM	1	0	22.28	22.28	22.40
3	16QAM	1	8	22.42	22.51	22.42
3	16QAM	1	14	22.33	22.31	22.37
3	16QAM	8	0	22.30	22.18	22.30
3	16QAM	8	4	22.41	22.29	22.41
3	16QAM	8	7	22.32	22.36	22.23
3	16QAM	15	0	22.15	22.28	22.29
3	64QAM	1	0	22.23	22.18	22.28
3	64QAM	1	8	22.23	22.31	22.34
3	64QAM	1	14	22.32	22.13	22.26
3	64QAM	8	0	22.26	22.12	22.25
3	64QAM	8	4	22.29	22.19	22.27
3	64QAM	8	7	22.22	22.23	22.24
3	64QAM	15	0	22.29	22.13	22.16



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	23.25	23.26	23.09
1.4	QPSK	1	3	23.11	23.12	23.11
1.4	QPSK	1	5	23.16	23.06	23.10
1.4	QPSK	3	0	22.26	22.30	22.16
1.4	QPSK	3	1	22.23	22.29	22.28
1.4	QPSK	3	3	22.28	22.10	22.13
1.4	QPSK	6	0	22.27	22.23	22.22
1.4	16QAM	1	0	22.19	22.26	22.18
1.4	16QAM	1	3	22.44	22.29	22.35
1.4	16QAM	1	5	22.52	22.24	22.61
1.4	16QAM	3	0	22.17	22.14	22.21
1.4	16QAM	3	1	22.30	22.30	22.25
1.4	16QAM	3	3	22.16	22.26	22.22
1.4	16QAM	6	0	22.29	22.27	22.37
1.4	64QAM	1	0	22.30	22.17	22.37
1.4	64QAM	1	3	22.41	22.26	22.44
1.4	64QAM	1	5	22.17	22.11	22.24
1.4	64QAM	3	0	22.28	22.11	22.25
1.4	64QAM	3	1	22.25	22.21	22.19
1.4	64QAM	3	3	22.16	22.21	22.12
1.4	64QAM	6	0	22.24	22.32	22.26



LTE Band 5						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20450	20525	20600
Frequency (MHz)				829	836.5	844
10	QPSK	1	0	24.26	24.42	24.11
10	QPSK	1	25	24.34	24.34	24.41
10	QPSK	1	49	24.27	24.29	24.20
10	QPSK	25	0	23.14	23.43	23.22
10	QPSK	25	12	23.16	23.11	23.18
10	QPSK	25	25	23.27	23.16	23.14
10	QPSK	50	0	23.18	23.14	23.08
10	16QAM	1	0	23.50	23.56	23.46
10	16QAM	1	25	23.53	23.53	23.48
10	16QAM	1	49	23.48	23.30	23.44
10	16QAM	25	0	23.31	23.18	23.41
10	16QAM	25	12	23.31	23.24	23.34
10	16QAM	25	25	23.35	23.21	23.12
10	16QAM	50	0	23.25	23.24	23.14
10	64QAM	1	0	23.23	23.40	23.48
10	64QAM	1	25	23.44	23.30	23.35
10	64QAM	1	49	23.43	23.10	23.38
10	64QAM	25	0	23.20	23.23	23.37
10	64QAM	25	12	23.36	23.35	23.25
10	64QAM	25	25	23.41	23.09	23.11
10	64QAM	50	0	23.28	23.17	23.14



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	24.27	24.39	24.22
5	QPSK	1	12	24.26	24.26	24.22
5	QPSK	1	24	24.19	24.17	24.13
5	QPSK	12	0	23.42	23.43	23.29
5	QPSK	12	7	23.33	23.25	23.19
5	QPSK	12	13	23.33	23.26	23.14
5	QPSK	25	0	23.28	23.27	23.16
5	16QAM	1	0	23.26	23.39	23.08
5	16QAM	1	12	23.51	23.37	23.37
5	16QAM	1	24	23.23	23.33	23.53
5	16QAM	12	0	23.26	23.17	23.17
5	16QAM	12	7	23.38	23.28	23.23
5	16QAM	12	13	23.31	23.21	22.99
5	16QAM	25	0	23.30	23.12	23.01
5	64QAM	1	0	23.44	23.28	23.23
5	64QAM	1	12	23.50	23.43	23.44
5	64QAM	1	24	23.43	23.05	23.23
5	64QAM	12	0	23.22	23.06	23.11
5	64QAM	12	7	23.29	23.30	23.13
5	64QAM	12	13	23.22	23.19	23.10
5	64QAM	25	0	23.20	23.24	23.17



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	24.18	24.29	24.11
3	QPSK	1	8	24.25	24.17	24.12
3	QPSK	1	14	24.21	24.15	24.22
3	QPSK	8	0	23.31	23.43	23.31
3	QPSK	8	4	23.31	23.19	23.30
3	QPSK	8	7	23.34	23.25	23.12
3	QPSK	15	0	23.25	23.16	23.25
3	16QAM	1	0	23.18	23.30	23.19
3	16QAM	1	8	23.20	23.20	23.20
3	16QAM	1	14	23.21	23.05	23.04
3	16QAM	8	0	23.24	23.03	23.26
3	16QAM	8	4	23.31	23.24	23.16
3	16QAM	8	7	23.30	23.11	23.13
3	16QAM	15	0	23.18	23.11	23.31
3	64QAM	1	0	23.44	23.28	23.29
3	64QAM	1	8	23.36	23.52	23.28
3	64QAM	1	14	23.39	23.06	23.18
3	64QAM	8	0	23.35	23.39	23.20
3	64QAM	8	4	23.27	23.34	23.36
3	64QAM	8	7	23.39	23.21	23.21
3	64QAM	15	0	23.39	23.31	23.37



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	24.27	24.28	24.25
1.4	QPSK	1	3	24.27	24.18	24.15
1.4	QPSK	1	5	24.17	24.11	24.23
1.4	QPSK	3	0	23.20	23.31	23.24
1.4	QPSK	3	1	23.07	23.15	23.07
1.4	QPSK	3	3	23.20	23.16	23.15
1.4	QPSK	6	0	23.50	23.35	23.42
1.4	16QAM	1	0	23.38	23.19	23.41
1.4	16QAM	1	3	23.55	23.41	23.48
1.4	16QAM	1	5	23.34	23.50	23.42
1.4	16QAM	3	0	23.47	23.38	23.38
1.4	16QAM	3	1	23.37	23.52	23.38
1.4	16QAM	3	3	23.41	23.27	23.26
1.4	16QAM	6	0	23.33	23.30	23.35
1.4	64QAM	1	0	23.37	23.44	23.28
1.4	64QAM	1	3	23.28	23.36	23.46
1.4	64QAM	1	5	23.38	23.39	23.28
1.4	64QAM	3	0	23.32	23.44	23.33
1.4	64QAM	3	1	23.39	23.36	23.51
1.4	64QAM	3	3	23.26	23.25	23.28
1.4	64QAM	6	0	23.28	23.28	23.26



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	23.02	23.16	23.13
20	QPSK	1	49	23.11	23.10	23.11
20	QPSK	1	99	22.99	23.05	23.10
20	QPSK	50	0	22.22	22.36	22.16
20	QPSK	50	24	22.21	22.26	22.25
20	QPSK	50	50	22.30	22.29	22.25
20	QPSK	100	0	22.27	22.24	22.21
20	16QAM	1	0	22.23	22.34	22.32
20	16QAM	1	49	22.35	22.23	22.16
20	16QAM	1	99	22.39	22.20	22.29
20	16QAM	50	0	22.03	22.14	22.15
20	16QAM	50	24	22.21	22.12	22.17
20	16QAM	50	50	22.27	22.23	22.19
20	16QAM	100	0	22.18	22.10	22.12
20	64QAM	1	0	22.28	22.30	22.30
20	64QAM	1	49	22.22	22.25	22.27
20	64QAM	1	99	22.32	22.28	22.24
20	64QAM	50	0	21.99	22.23	22.12
20	64QAM	50	24	22.13	22.14	22.16
20	64QAM	50	50	22.20	22.17	22.16
20	64QAM	100	0	22.11	22.17	22.12



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	23.12	23.14	23.05
15	QPSK	1	37	23.09	23.06	23.10
15	QPSK	1	74	23.09	23.04	23.12
15	QPSK	36	0	22.14	22.34	22.19
15	QPSK	36	20	22.15	22.27	22.19
15	QPSK	36	39	22.25	22.22	22.17
15	QPSK	75	0	22.24	22.18	22.14
15	16QAM	1	0	22.39	21.96	22.17
15	16QAM	1	37	22.06	22.37	22.31
15	16QAM	1	74	22.38	22.28	22.36
15	16QAM	36	0	22.13	22.10	22.12
15	16QAM	36	20	22.14	22.13	22.24
15	16QAM	36	39	22.16	22.09	22.20
15	16QAM	75	0	22.26	22.21	22.11
15	64QAM	1	0	22.30	22.36	22.28
15	64QAM	1	37	22.37	22.39	22.23
15	64QAM	1	74	22.21	22.24	22.21
15	64QAM	36	0	22.08	22.07	22.17
15	64QAM	36	20	22.11	22.27	22.13
15	64QAM	36	39	22.22	22.14	22.11
15	64QAM	75	0	22.20	22.20	22.18



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	23.04	23.08	22.91
10	QPSK	1	25	23.01	22.93	23.06
10	QPSK	1	49	23.04	22.94	22.90
10	QPSK	25	0	22.10	22.26	22.20
10	QPSK	25	12	22.12	22.16	22.06
10	QPSK	25	25	22.15	22.12	22.25
10	QPSK	50	0	22.24	22.06	22.16
10	16QAM	1	0	22.07	22.33	22.13
10	16QAM	1	25	22.10	22.21	22.19
10	16QAM	1	49	22.17	21.88	22.16
10	16QAM	25	0	22.02	22.07	22.25
10	16QAM	25	12	22.09	22.14	22.18
10	16QAM	25	25	22.12	22.12	22.23
10	16QAM	50	0	22.20	21.98	22.15
10	64QAM	1	0	22.09	22.06	22.22
10	64QAM	1	25	22.20	22.21	22.07
10	64QAM	1	49	22.16	22.00	22.12
10	64QAM	25	0	22.06	22.01	22.10
10	64QAM	25	12	21.96	22.09	22.16
10	64QAM	25	25	22.18	22.09	22.24
10	64QAM	50	0	22.19	22.02	22.14



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	22.95	23.14	22.98
5	QPSK	1	12	23.05	23.03	22.87
5	QPSK	1	24	22.93	23.06	23.06
5	QPSK	12	0	22.04	22.26	22.16
5	QPSK	12	7	22.25	22.15	22.24
5	QPSK	12	13	22.06	22.11	22.19
5	QPSK	25	0	22.16	22.14	22.18
5	16QAM	1	0	22.33	22.11	22.05
5	16QAM	1	12	22.19	22.27	22.20
5	16QAM	1	24	22.33	22.06	22.16
5	16QAM	12	0	22.09	22.08	22.17
5	16QAM	12	7	22.06	22.16	22.19
5	16QAM	12	13	22.12	22.03	22.15
5	16QAM	25	0	22.15	22.10	22.04
5	64QAM	1	0	22.34	22.01	22.06
5	64QAM	1	12	22.20	22.31	22.35
5	64QAM	1	24	21.88	22.11	22.10
5	64QAM	12	0	22.04	22.13	22.21
5	64QAM	12	7	22.12	22.35	22.11
5	64QAM	12	13	22.21	22.29	22.11
5	64QAM	25	0	22.29	22.34	22.07



LTE Band 13						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				/	23230	/
Frequency (MHz)				/	782	/
10	QPSK	1	0	/	24.30	/
10	QPSK	1	25	/	24.02	/
10	QPSK	1	49	/	24.12	/
10	QPSK	25	0	/	23.30	/
10	QPSK	25	12	/	23.15	/
10	QPSK	25	25	/	23.21	/
10	QPSK	50	0	/	23.15	/
10	16QAM	1	0	/	23.27	/
10	16QAM	1	25	/	23.20	/
10	16QAM	1	49	/	23.29	/
10	16QAM	25	0	/	23.09	/
10	16QAM	25	12	/	23.05	/
10	16QAM	25	25	/	23.14	/
10	16QAM	50	0	/	23.11	/
10	64QAM	1	0	/	23.10	/
10	64QAM	1	25	/	23.17	/
10	64QAM	1	49	/	23.08	/
10	64QAM	25	0	/	22.98	/
10	64QAM	25	12	/	23.20	/
10	64QAM	25	25	/	23.19	/
10	64QAM	50	0	/	23.13	/



LTE Band 13						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23205	23230	23255
Frequency (MHz)				779.5	782	784.5
5	QPSK	1	0	24.10	24.23	24.06
5	QPSK	1	12	24.16	24.13	24.09
5	QPSK	1	24	24.10	24.02	24.09
5	QPSK	12	0	23.03	23.14	23.13
5	QPSK	12	7	23.05	22.99	22.96
5	QPSK	12	13	23.03	23.01	22.99
5	QPSK	25	0	23.03	22.91	23.00
5	16QAM	1	0	23.01	23.25	23.23
5	16QAM	1	12	23.18	23.24	23.14
5	16QAM	1	24	23.16	23.05	22.88
5	16QAM	12	0	23.06	23.09	23.00
5	16QAM	12	7	22.96	23.13	23.04
5	16QAM	12	13	23.03	22.99	22.99
5	16QAM	25	0	23.02	22.98	23.00
5	64QAM	1	0	23.12	22.94	22.98
5	64QAM	1	12	23.15	23.15	23.37
5	64QAM	1	24	22.93	23.06	22.90
5	64QAM	12	0	22.92	22.92	22.96
5	64QAM	12	7	22.96	22.96	22.96
5	64QAM	12	13	23.08	22.90	22.98
5	64QAM	25	0	23.04	22.93	23.06



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	24.23	24.15	24.07
15	QPSK	1	37	24.05	24.00	24.13
15	QPSK	1	74	24.02	23.96	24.02
15	QPSK	36	0	23.26	23.25	23.01
15	QPSK	36	20	23.11	23.04	23.03
15	QPSK	36	39	23.13	23.12	23.10
15	QPSK	75	0	22.95	22.89	22.95
15	16QAM	1	0	23.02	23.00	23.27
15	16QAM	1	37	23.17	23.13	23.24
15	16QAM	1	74	23.05	22.96	23.13
15	16QAM	36	0	23.04	23.03	23.11
15	16QAM	36	20	23.05	23.02	23.18
15	16QAM	36	39	22.96	22.84	23.08
15	16QAM	75	0	23.00	22.88	23.09
15	64QAM	1	0	23.43	23.35	23.03
15	64QAM	1	37	23.14	23.05	23.27
15	64QAM	1	74	23.33	23.24	23.07
15	64QAM	36	0	23.23	23.13	23.10
15	64QAM	36	20	23.14	23.02	23.22
15	64QAM	36	39	23.11	23.02	23.12
15	64QAM	75	0	23.12	23.11	23.19



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	24.10	24.08	24.16
10	QPSK	1	25	24.06	24.05	24.09
10	QPSK	1	49	23.99	23.94	24.03
10	QPSK	25	0	23.05	23.01	23.10
10	QPSK	25	12	23.08	23.04	23.09
10	QPSK	25	25	22.94	22.84	22.95
10	QPSK	50	0	22.91	22.91	23.00
10	16QAM	1	0	23.25	23.31	23.36
10	16QAM	1	25	23.33	23.40	23.45
10	16QAM	1	49	23.15	23.09	23.16
10	16QAM	25	0	23.04	22.94	23.06
10	16QAM	25	12	23.11	23.11	23.13
10	16QAM	25	25	23.03	23.01	23.10
10	16QAM	50	0	23.09	23.10	23.11
10	64QAM	1	0	23.09	23.11	23.13
10	64QAM	1	25	23.24	23.16	23.28
10	64QAM	1	49	22.90	22.93	22.98
10	64QAM	25	0	23.06	23.05	23.16
10	64QAM	25	12	23.00	23.02	23.07
10	64QAM	25	25	23.02	22.98	23.04
10	64QAM	50	0	22.95	22.89	23.01



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	24.02	24.03	24.04
5	QPSK	1	12	24.07	24.03	24.10
5	QPSK	1	24	24.02	24.05	24.11
5	QPSK	12	0	23.03	23.11	23.15
5	QPSK	12	7	23.19	23.13	23.24
5	QPSK	12	13	23.08	23.17	23.19
5	QPSK	25	0	23.05	23.05	23.14
5	16QAM	1	0	23.12	23.13	23.15
5	16QAM	1	12	23.31	23.32	23.35
5	16QAM	1	24	23.26	23.29	23.35
5	16QAM	12	0	22.91	22.95	22.98
5	16QAM	12	7	22.98	23.02	23.10
5	16QAM	12	13	22.94	22.95	23.05
5	16QAM	25	0	23.06	22.99	23.10
5	64QAM	1	0	22.94	23.04	23.05
5	64QAM	1	12	23.26	23.23	23.31
5	64QAM	1	24	23.08	23.02	23.14
5	64QAM	12	0	23.05	23.03	23.07
5	64QAM	12	7	23.21	23.14	23.24
5	64QAM	12	13	23.01	22.95	23.03
5	64QAM	25	0	23.02	22.95	23.04



LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26805	26915	27025
Frequency (MHz)				825.5	836.5	847.5
3	QPSK	1	0	23.95	24.04	24.05
3	QPSK	1	8	24.02	24.04	24.12
3	QPSK	1	14	24.10	24.01	24.11
3	QPSK	8	0	23.25	23.17	23.27
3	QPSK	8	4	23.12	23.14	23.19
3	QPSK	8	7	22.93	22.95	23.03
3	QPSK	15	0	23.05	23.05	23.12
3	16QAM	1	0	23.17	23.21	23.23
3	16QAM	1	8	23.00	23.05	23.12
3	16QAM	1	14	22.89	22.88	22.98
3	16QAM	8	0	23.00	23.02	23.07
3	16QAM	8	4	22.99	22.95	23.06
3	16QAM	8	7	23.03	22.99	23.07
3	16QAM	15	0	22.89	22.91	23.00
3	64QAM	1	0	22.90	22.96	23.01
3	64QAM	1	8	23.00	22.91	23.02
3	64QAM	1	14	23.16	23.11	23.17
3	64QAM	8	0	23.00	22.96	23.08
3	64QAM	8	4	23.17	23.15	23.20
3	64QAM	8	7	23.13	23.12	23.17
3	64QAM	15	0	22.96	23.04	23.06



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	24.00	23.98	24.01
1.4	QPSK	1	3	24.00	24.07	24.12
1.4	QPSK	1	5	24.04	24.09	24.12
1.4	QPSK	3	0	23.20	23.23	23.24
1.4	QPSK	3	1	23.24	23.16	23.27
1.4	QPSK	3	3	23.19	23.19	23.23
1.4	QPSK	6	0	23.04	23.00	23.11
1.4	16QAM	1	0	23.13	23.06	23.16
1.4	16QAM	1	3	23.11	23.14	23.22
1.4	16QAM	1	5	22.95	22.95	22.99
1.4	16QAM	3	0	23.10	23.01	23.12
1.4	16QAM	3	1	23.07	23.07	23.18
1.4	16QAM	3	3	22.92	22.90	22.99
1.4	16QAM	6	0	23.18	23.19	23.23
1.4	64QAM	1	0	22.94	22.93	23.04
1.4	64QAM	1	3	23.13	23.14	23.22
1.4	64QAM	1	5	22.99	23.00	23.09
1.4	64QAM	3	0	23.03	23.03	23.05
1.4	64QAM	3	1	23.04	23.14	23.16
1.4	64QAM	3	3	22.97	22.91	23.01
1.4	64QAM	6	0	23.06	23.07	23.14



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				132072	132322	132572
Frequency (MHz)				1720	1745	1770
20	QPSK	1	0	22.99	23.20	23.03
20	QPSK	1	49	23.06	23.05	23.07
20	QPSK	1	99	22.97	22.99	22.89
20	QPSK	50	0	22.10	22.16	22.06
20	QPSK	50	24	22.07	22.13	22.07
20	QPSK	50	50	22.07	22.11	22.05
20	QPSK	100	0	22.03	22.03	22.09
20	16QAM	1	0	22.20	22.08	22.27
20	16QAM	1	49	22.49	22.21	22.23
20	16QAM	1	99	22.23	22.18	22.10
20	16QAM	50	0	22.13	22.15	22.02
20	16QAM	50	24	22.19	22.14	22.18
20	16QAM	50	50	22.16	22.11	22.12
20	16QAM	100	0	22.12	22.17	22.09
20	64QAM	1	0	22.07	22.02	22.04
20	64QAM	1	49	22.04	22.41	22.26
20	64QAM	1	99	22.14	22.15	22.06
20	64QAM	50	0	22.09	22.09	22.05
20	64QAM	50	24	22.27	22.23	22.15
20	64QAM	50	50	22.17	22.08	22.09
20	64QAM	100	0	22.11	22.14	22.09



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	23.01	23.18	23.14
15	QPSK	1	37	23.13	23.10	23.04
15	QPSK	1	74	23.04	23.12	23.12
15	QPSK	36	0	22.09	22.11	22.09
15	QPSK	36	20	22.06	22.01	22.02
15	QPSK	36	39	22.11	22.15	22.18
15	QPSK	75	0	22.03	22.10	22.04
15	16QAM	1	0	22.05	22.03	22.08
15	16QAM	1	37	22.23	22.01	22.13
15	16QAM	1	74	22.02	22.12	22.15
15	16QAM	36	0	22.13	22.05	22.08
15	16QAM	36	20	22.05	22.07	22.10
15	16QAM	36	39	22.17	22.13	22.10
15	16QAM	75	0	22.18	22.06	22.05
15	64QAM	1	0	22.06	22.32	22.29
15	64QAM	1	37	22.12	22.20	22.22
15	64QAM	1	74	22.10	22.38	22.02
15	64QAM	36	0	22.06	22.19	22.18
15	64QAM	36	20	22.05	22.17	22.09
15	64QAM	36	39	22.06	22.10	22.10
15	64QAM	75	0	22.10	22.07	22.15



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				132022	132322	132622
Frequency (MHz)				1715	1745	1775
10	QPSK	1	0	23.05	23.12	23.03
10	QPSK	1	25	23.11	23.05	23.09
10	QPSK	1	49	23.11	23.03	23.00
10	QPSK	25	0	22.04	22.11	22.04
10	QPSK	25	12	22.09	22.08	22.04
10	QPSK	25	25	22.09	22.08	22.01
10	QPSK	50	0	22.08	22.07	22.07
10	16QAM	1	0	22.10	22.15	22.16
10	16QAM	1	25	22.37	22.07	22.17
10	16QAM	1	49	22.11	22.29	22.21
10	16QAM	25	0	22.18	22.21	22.19
10	16QAM	25	12	22.31	22.29	22.16
10	16QAM	25	25	22.20	22.22	22.09
10	16QAM	50	0	22.23	22.21	22.15
10	64QAM	1	0	22.41	22.08	22.28
10	64QAM	1	25	22.12	22.19	22.30
10	64QAM	1	49	22.06	22.04	22.18
10	64QAM	25	0	22.18	22.14	22.08
10	64QAM	25	12	22.11	22.28	22.20
10	64QAM	25	25	22.17	22.24	22.20
10	64QAM	50	0	22.06	22.06	22.09



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				131997	132322	132647
Frequency (MHz)				1712.5	1745	1777.5
5	QPSK	1	0	22.99	23.09	23.05
5	QPSK	1	12	23.07	23.03	23.00
5	QPSK	1	24	23.06	23.05	22.90
5	QPSK	12	0	22.05	22.12	22.07
5	QPSK	12	7	22.09	22.04	22.01
5	QPSK	12	13	22.04	22.07	22.00
5	QPSK	25	0	22.02	22.06	22.09
5	16QAM	1	0	22.03	22.28	22.16
5	16QAM	1	12	22.07	22.39	22.00
5	16QAM	1	24	22.01	22.10	22.19
5	16QAM	12	0	22.09	22.13	22.18
5	16QAM	12	7	22.31	22.15	22.07
5	16QAM	12	13	22.11	22.17	22.11
5	16QAM	25	0	22.22	22.22	22.10
5	64QAM	1	0	22.05	22.18	22.09
5	64QAM	1	12	22.39	22.27	22.43
5	64QAM	1	24	22.23	22.09	22.13
5	64QAM	12	0	22.07	22.13	22.22
5	64QAM	12	7	22.20	22.12	22.07
5	64QAM	12	13	22.08	22.07	22.23
5	64QAM	25	0	22.10	22.16	22.19



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	23.04	23.15	23.13
3	QPSK	1	8	23.11	23.00	23.05
3	QPSK	1	14	23.01	22.96	23.05
3	QPSK	8	0	22.11	22.14	22.08
3	QPSK	8	4	22.15	22.13	22.12
3	QPSK	8	7	22.08	22.13	22.08
3	QPSK	15	0	22.12	22.11	22.06
3	16QAM	1	0	22.39	22.50	22.08
3	16QAM	1	8	22.48	22.45	22.17
3	16QAM	1	14	22.15	22.14	22.15
3	16QAM	8	0	22.16	22.21	22.04
3	16QAM	8	4	22.16	22.13	22.11
3	16QAM	8	7	22.09	22.21	22.14
3	16QAM	15	0	22.27	22.09	22.10
3	64QAM	1	0	22.08	22.09	22.13
3	64QAM	1	8	22.11	22.36	22.37
3	64QAM	1	14	22.09	22.09	22.32
3	64QAM	8	0	22.12	22.19	22.13
3	64QAM	8	4	22.22	22.19	22.07
3	64QAM	8	7	22.17	22.10	22.10
3	64QAM	15	0	22.12	22.12	22.22



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				131979	132322	132665
Frequency (MHz)				1710.7	1745	1779.3
1.4	QPSK	1	0	23.03	23.12	23.07
1.4	QPSK	1	3	23.06	23.11	23.11
1.4	QPSK	1	5	23.06	22.94	23.05
1.4	QPSK	3	0	22.03	22.11	22.02
1.4	QPSK	3	1	22.05	22.07	22.08
1.4	QPSK	3	3	22.02	22.04	22.07
1.4	QPSK	6	0	22.04	22.06	22.03
1.4	16QAM	1	0	22.21	22.02	22.21
1.4	16QAM	1	3	22.26	22.12	22.28
1.4	16QAM	1	5	22.15	22.09	22.20
1.4	16QAM	3	0	22.25	22.28	22.08
1.4	16QAM	3	1	22.33	22.19	22.14
1.4	16QAM	3	3	22.19	22.22	22.13
1.4	16QAM	6	0	22.26	22.23	22.30
1.4	64QAM	1	0	22.12	22.14	22.05
1.4	64QAM	1	3	22.42	22.04	22.09
1.4	64QAM	1	5	22.32	22.02	22.16
1.4	64QAM	3	0	22.36	22.34	22.41
1.4	64QAM	3	1	22.46	22.42	22.44
1.4	64QAM	3	3	22.34	22.36	22.48
1.4	64QAM	6	0	22.38	22.43	22.21

**Bottom Antenna**

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	22.77	23.11	22.95
20	QPSK	1	49	23.02	23.06	22.81
20	QPSK	1	99	22.83	22.82	22.91
20	QPSK	50	0	22.24	22.30	22.23
20	QPSK	50	24	22.11	22.24	22.08
20	QPSK	50	50	22.08	22.24	22.16
20	QPSK	100	0	22.26	22.18	22.26
20	16QAM	1	0	22.38	22.42	22.17
20	16QAM	1	49	22.37	22.38	22.10
20	16QAM	1	99	22.08	22.20	22.47
20	16QAM	50	0	22.40	22.32	22.36
20	16QAM	50	24	22.33	22.35	22.36
20	16QAM	50	50	22.38	22.29	22.28
20	16QAM	100	0	22.28	22.34	22.35
20	64QAM	1	0	22.41	22.17	22.32
20	64QAM	1	49	22.33	22.35	22.18
20	64QAM	1	99	22.17	22.15	22.10
20	64QAM	50	0	22.27	22.13	22.16
20	64QAM	50	24	22.25	22.19	22.13
20	64QAM	50	50	22.26	22.08	22.34
20	64QAM	100	0	22.28	22.24	22.08



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	23.07	23.08	23.05
15	QPSK	1	37	22.91	22.98	22.80
15	QPSK	1	74	22.99	22.85	22.72
15	QPSK	36	0	22.25	22.28	22.14
15	QPSK	36	20	22.27	22.17	22.10
15	QPSK	36	39	22.24	22.13	22.09
15	QPSK	75	0	22.25	22.21	22.11
15	16QAM	1	0	22.56	22.13	22.37
15	16QAM	1	37	22.30	22.35	22.11
15	16QAM	1	74	22.32	22.19	22.24
15	16QAM	36	0	22.28	22.16	22.12
15	16QAM	36	20	22.29	22.14	22.11
15	16QAM	36	39	22.28	22.24	22.22
15	16QAM	75	0	22.29	22.10	22.12
15	64QAM	1	0	22.24	22.29	22.13
15	64QAM	1	37	22.17	22.11	22.43
15	64QAM	1	74	22.39	22.14	22.12
15	64QAM	36	0	22.26	22.12	22.10
15	64QAM	36	20	22.24	22.21	22.16
15	64QAM	36	39	22.30	22.16	22.11
15	64QAM	75	0	22.17	22.14	22.13



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	22.77	23.05	22.64
10	QPSK	1	25	22.95	22.83	22.74
10	QPSK	1	49	22.95	22.90	22.72
10	QPSK	25	0	22.14	22.21	22.13
10	QPSK	25	12	22.18	22.15	22.19
10	QPSK	25	25	22.18	22.08	22.12
10	QPSK	50	0	22.14	22.23	22.10
10	16QAM	1	0	22.11	22.28	22.27
10	16QAM	1	25	22.14	22.23	22.13
10	16QAM	1	49	22.24	22.16	22.25
10	16QAM	25	0	22.29	22.24	22.19
10	16QAM	25	12	22.36	22.30	22.13
10	16QAM	25	25	22.14	22.15	22.16
10	16QAM	50	0	22.33	22.08	22.23
10	64QAM	1	0	22.09	22.16	22.18
10	64QAM	1	25	22.37	22.35	22.16
10	64QAM	1	49	22.36	22.18	22.27
10	64QAM	25	0	22.35	22.23	22.23
10	64QAM	25	12	22.34	22.32	22.19
10	64QAM	25	25	22.28	22.16	22.14
10	64QAM	50	0	22.22	22.13	22.17



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	22.53	22.91	22.53
5	QPSK	1	12	22.76	22.79	22.61
5	QPSK	1	24	22.48	22.57	22.67
5	QPSK	12	0	22.22	22.29	22.08
5	QPSK	12	7	22.30	22.27	22.13
5	QPSK	12	13	22.15	22.13	22.20
5	QPSK	25	0	22.15	22.16	22.29
5	16QAM	1	0	22.10	22.20	22.20
5	16QAM	1	12	22.17	22.20	22.18
5	16QAM	1	24	22.27	22.09	22.10
5	16QAM	12	0	22.25	22.16	22.18
5	16QAM	12	7	22.35	22.25	22.22
5	16QAM	12	13	22.24	22.23	22.22
5	16QAM	25	0	22.20	22.26	22.20
5	64QAM	1	0	22.08	22.42	22.17
5	64QAM	1	12	22.12	22.30	22.37
5	64QAM	1	24	22.15	22.08	22.15
5	64QAM	12	0	22.22	22.16	22.24
5	64QAM	12	7	22.33	22.24	22.22
5	64QAM	12	13	22.18	22.18	22.18
5	64QAM	25	0	22.13	22.29	22.20



LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18615	18900	19185
Frequency (MHz)				1851.5	1880	1908.5
3	QPSK	1	0	22.86	22.97	22.63
3	QPSK	1	8	22.89	22.71	22.67
3	QPSK	1	14	22.91	22.79	22.68
3	QPSK	8	0	22.22	22.29	22.18
3	QPSK	8	4	22.11	22.25	22.19
3	QPSK	8	7	22.09	22.22	22.27
3	QPSK	15	0	22.18	22.26	22.13
3	16QAM	1	0	22.21	22.26	22.27
3	16QAM	1	8	22.27	22.09	22.32
3	16QAM	1	14	22.38	22.46	22.16
3	16QAM	8	0	22.23	22.21	22.23
3	16QAM	8	4	22.36	22.27	22.27
3	16QAM	8	7	22.23	22.19	22.08
3	16QAM	15	0	22.18	22.21	22.19
3	64QAM	1	0	22.19	22.27	22.25
3	64QAM	1	8	22.26	22.16	22.12
3	64QAM	1	14	22.20	22.14	22.15
3	64QAM	8	0	22.27	22.26	22.09
3	64QAM	8	4	22.20	22.20	22.16
3	64QAM	8	7	22.19	22.17	22.12
3	64QAM	15	0	22.33	22.27	22.17



LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18607	18900	19193
Frequency (MHz)				1850.7	1880	1909.3
1.4	QPSK	1	0	22.74	23.09	22.60
1.4	QPSK	1	3	22.92	22.77	22.74
1.4	QPSK	1	5	22.77	22.66	22.75
1.4	QPSK	3	0	22.13	22.21	22.16
1.4	QPSK	3	1	22.36	22.29	22.20
1.4	QPSK	3	3	22.19	22.22	22.16
1.4	QPSK	6	0	22.34	22.27	22.12
1.4	16QAM	1	0	22.52	22.42	22.27
1.4	16QAM	1	3	22.08	22.13	22.39
1.4	16QAM	1	5	22.16	22.29	22.10
1.4	16QAM	3	0	22.18	22.08	22.24
1.4	16QAM	3	1	22.22	22.16	22.20
1.4	16QAM	3	3	22.11	22.25	22.15
1.4	16QAM	6	0	22.32	22.20	22.15
1.4	64QAM	1	0	22.13	22.23	22.16
1.4	64QAM	1	3	22.25	22.26	22.21
1.4	64QAM	1	5	22.45	22.20	22.16
1.4	64QAM	3	0	22.19	22.12	22.08
1.4	64QAM	3	1	22.29	22.13	22.15
1.4	64QAM	3	3	22.25	22.15	22.20
1.4	64QAM	6	0	22.19	22.21	22.11



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	22.88	23.16	22.76
20	QPSK	1	49	22.98	22.90	22.91
20	QPSK	1	99	22.90	22.82	22.87
20	QPSK	50	0	22.30	22.57	22.51
20	QPSK	50	24	22.29	22.20	22.45
20	QPSK	50	50	22.48	22.31	22.29
20	QPSK	100	0	22.42	22.24	22.44
20	16QAM	1	0	22.26	22.20	22.32
20	16QAM	1	49	22.55	22.43	22.51
20	16QAM	1	99	22.40	22.19	22.23
20	16QAM	50	0	22.27	22.32	22.46
20	16QAM	50	24	22.37	22.23	22.40
20	16QAM	50	50	22.51	22.24	22.28
20	16QAM	100	0	22.37	22.28	22.52
20	64QAM	1	0	22.28	22.47	22.24
20	64QAM	1	49	22.40	22.37	22.36
20	64QAM	1	99	22.24	22.34	22.26
20	64QAM	50	0	22.30	22.35	22.47
20	64QAM	50	24	22.39	22.19	22.40
20	64QAM	50	50	22.36	22.20	22.32
20	64QAM	100	0	22.40	22.21	22.48



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	23.11	23.22	23.00
15	QPSK	1	37	23.11	23.10	23.20
15	QPSK	1	74	22.81	22.74	22.91
15	QPSK	36	0	22.26	22.27	22.36
15	QPSK	36	20	22.35	22.29	22.32
15	QPSK	36	39	22.36	22.22	22.28
15	QPSK	75	0	22.32	22.33	22.36
15	16QAM	1	0	22.34	22.33	22.37
15	16QAM	1	37	22.23	22.62	22.32
15	16QAM	1	74	22.49	22.23	22.35
15	16QAM	36	0	22.19	22.19	22.35
15	16QAM	36	20	22.24	22.30	22.35
15	16QAM	36	39	22.49	22.23	22.31
15	16QAM	75	0	22.43	22.26	22.39
15	64QAM	1	0	22.21	22.27	22.23
15	64QAM	1	37	22.36	22.25	22.26
15	64QAM	1	74	22.21	22.34	22.21
15	64QAM	36	0	22.29	22.34	22.37
15	64QAM	36	20	22.38	22.21	22.27
15	64QAM	36	39	22.29	22.20	22.34
15	64QAM	75	0	22.34	22.22	22.35



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	22.94	23.33	23.10
10	QPSK	1	25	23.17	23.16	23.18
10	QPSK	1	49	22.94	22.98	22.93
10	QPSK	25	0	22.48	22.33	22.42
10	QPSK	25	12	22.32	22.29	22.35
10	QPSK	25	25	22.41	22.35	22.34
10	QPSK	50	0	22.49	22.27	22.41
10	16QAM	1	0	22.54	22.36	22.32
10	16QAM	1	25	22.66	22.35	22.49
10	16QAM	1	49	22.34	22.19	22.42
10	16QAM	25	0	22.37	22.41	22.40
10	16QAM	25	12	22.38	22.29	22.37
10	16QAM	25	25	22.40	22.30	22.34
10	16QAM	50	0	22.46	22.24	22.38
10	64QAM	1	0	22.35	22.35	22.67
10	64QAM	1	25	22.45	22.31	22.36
10	64QAM	1	49	22.36	22.35	22.19
10	64QAM	25	0	22.37	22.41	22.52
10	64QAM	25	12	22.35	22.39	22.36
10	64QAM	25	25	22.38	22.31	22.40
10	64QAM	50	0	22.50	22.35	22.44



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	22.97	23.07	23.06
5	QPSK	1	12	23.02	23.00	22.99
5	QPSK	1	24	23.05	22.77	22.85
5	QPSK	12	0	22.36	22.26	22.36
5	QPSK	12	7	22.35	22.33	22.43
5	QPSK	12	13	22.27	22.19	22.32
5	QPSK	25	0	22.36	22.34	22.24
5	16QAM	1	0	22.60	22.48	22.47
5	16QAM	1	12	22.35	22.42	22.64
5	16QAM	1	24	22.55	22.43	22.30
5	16QAM	12	0	22.38	22.25	22.24
5	16QAM	12	7	22.32	22.33	22.44
5	16QAM	12	13	22.30	22.34	22.42
5	16QAM	25	0	22.42	22.19	22.45
5	64QAM	1	0	22.24	22.19	22.29
5	64QAM	1	12	22.63	22.25	22.36
5	64QAM	1	24	22.20	22.18	22.33
5	64QAM	12	0	22.27	22.18	22.18
5	64QAM	12	7	22.36	22.23	22.41
5	64QAM	12	13	22.27	22.21	22.27
5	64QAM	25	0	22.47	22.27	22.33



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	23.07	23.10	22.99
3	QPSK	1	8	23.05	23.02	23.03
3	QPSK	1	14	23.03	23.00	23.00
3	QPSK	8	0	22.31	22.37	22.18
3	QPSK	8	4	22.33	22.25	22.31
3	QPSK	8	7	22.36	22.26	22.24
3	QPSK	15	0	22.33	22.28	22.38
3	16QAM	1	0	22.37	22.34	22.49
3	16QAM	1	8	22.51	22.57	22.51
3	16QAM	1	14	22.42	22.37	22.46
3	16QAM	8	0	22.39	22.24	22.39
3	16QAM	8	4	22.50	22.35	22.50
3	16QAM	8	7	22.41	22.42	22.32
3	16QAM	15	0	22.24	22.34	22.38
3	64QAM	1	0	22.32	22.24	22.37
3	64QAM	1	8	22.32	22.37	22.43
3	64QAM	1	14	22.41	22.19	22.35
3	64QAM	8	0	22.35	22.18	22.34
3	64QAM	8	4	22.38	22.25	22.36
3	64QAM	8	7	22.31	22.29	22.33
3	64QAM	15	0	22.38	22.19	22.25



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	23.13	23.15	22.95
1.4	QPSK	1	3	22.99	22.99	22.97
1.4	QPSK	1	5	23.04	22.93	22.96
1.4	QPSK	3	0	22.35	22.38	22.33
1.4	QPSK	3	1	22.32	22.37	22.45
1.4	QPSK	3	3	22.37	22.18	22.30
1.4	QPSK	6	0	22.36	22.31	22.39
1.4	16QAM	1	0	22.28	22.36	22.25
1.4	16QAM	1	3	22.53	22.39	22.42
1.4	16QAM	1	5	22.61	22.34	22.68
1.4	16QAM	3	0	22.26	22.24	22.28
1.4	16QAM	3	1	22.39	22.40	22.32
1.4	16QAM	3	3	22.25	22.36	22.29
1.4	16QAM	6	0	22.38	22.37	22.44
1.4	64QAM	1	0	22.39	22.27	22.44
1.4	64QAM	1	3	22.50	22.36	22.51
1.4	64QAM	1	5	22.26	22.21	22.31
1.4	64QAM	3	0	22.37	22.21	22.32
1.4	64QAM	3	1	22.34	22.31	22.26
1.4	64QAM	3	3	22.25	22.31	22.19
1.4	64QAM	6	0	22.33	22.42	22.33



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	23.93	24.09	23.77
10	QPSK	1	25	24.01	24.01	24.07
10	QPSK	1	49	23.94	23.96	23.86
10	QPSK	25	0	23.02	23.31	23.09
10	QPSK	25	12	23.04	22.99	23.05
10	QPSK	25	25	23.15	23.04	23.01
10	QPSK	50	0	23.06	23.02	22.95
10	16QAM	1	0	23.38	23.44	23.33
10	16QAM	1	25	23.41	23.41	23.35
10	16QAM	1	49	23.36	23.18	23.31
10	16QAM	25	0	23.19	23.06	23.28
10	16QAM	25	12	23.19	23.12	23.21
10	16QAM	25	25	23.23	23.09	22.99
10	16QAM	50	0	23.13	23.12	23.01
10	64QAM	1	0	23.11	23.28	23.35
10	64QAM	1	25	23.32	23.18	23.22
10	64QAM	1	49	23.31	22.98	23.25
10	64QAM	25	0	23.08	23.11	23.24
10	64QAM	25	12	23.24	23.23	23.12
10	64QAM	25	25	23.29	22.97	22.98
10	64QAM	50	0	23.16	23.05	23.01



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	23.93	24.05	23.76
5	QPSK	1	12	23.92	23.92	23.89
5	QPSK	1	24	23.85	23.83	23.80
5	QPSK	12	0	23.29	23.30	23.17
5	QPSK	12	7	23.20	23.12	23.07
5	QPSK	12	13	23.20	23.13	23.02
5	QPSK	25	0	23.15	23.14	23.04
5	16QAM	1	0	23.13	23.26	22.96
5	16QAM	1	12	23.38	23.24	23.25
5	16QAM	1	24	23.10	23.20	23.41
5	16QAM	12	0	23.13	23.04	23.05
5	16QAM	12	7	23.25	23.15	23.11
5	16QAM	12	13	23.18	23.08	22.87
5	16QAM	25	0	23.17	22.99	22.89
5	64QAM	1	0	23.31	23.15	23.11
5	64QAM	1	12	23.37	23.30	23.32
5	64QAM	1	24	23.30	22.92	23.11
5	64QAM	12	0	23.09	22.93	22.99
5	64QAM	12	7	23.16	23.17	23.01
5	64QAM	12	13	23.09	23.06	22.98
5	64QAM	25	0	23.07	23.11	23.05



LTE Band 5						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20415	20525	20635
Frequency (MHz)				825.5	836.5	847.5
3	QPSK	1	0	23.85	23.95	23.77
3	QPSK	1	8	23.92	23.83	23.79
3	QPSK	1	14	23.88	23.81	23.89
3	QPSK	8	0	23.19	23.30	23.19
3	QPSK	8	4	23.19	23.06	23.18
3	QPSK	8	7	23.22	23.12	23.00
3	QPSK	15	0	23.13	23.03	23.13
3	16QAM	1	0	23.06	23.17	23.07
3	16QAM	1	8	23.08	23.07	23.08
3	16QAM	1	14	23.09	22.92	22.92
3	16QAM	8	0	23.12	22.90	23.14
3	16QAM	8	4	23.19	23.11	23.04
3	16QAM	8	7	23.18	22.98	23.01
3	16QAM	15	0	23.06	22.98	23.19
3	64QAM	1	0	23.32	23.15	23.17
3	64QAM	1	8	23.24	23.39	23.16
3	64QAM	1	14	23.27	22.93	23.06
3	64QAM	8	0	23.23	23.26	23.08
3	64QAM	8	4	23.15	23.21	23.24
3	64QAM	8	7	23.27	23.08	23.09
3	64QAM	15	0	23.27	23.18	23.25



LTE Band 5						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20407	20525	20643
Frequency (MHz)				824.7	836.5	848.3
1.4	QPSK	1	0	23.95	23.96	23.93
1.4	QPSK	1	3	23.95	23.86	23.83
1.4	QPSK	1	5	23.85	23.79	23.91
1.4	QPSK	3	0	23.09	23.20	23.13
1.4	QPSK	3	1	22.96	23.04	22.96
1.4	QPSK	3	3	23.09	23.05	23.04
1.4	QPSK	6	0	23.39	23.24	23.31
1.4	16QAM	1	0	23.27	23.08	23.30
1.4	16QAM	1	3	23.44	23.30	23.37
1.4	16QAM	1	5	23.23	23.39	23.31
1.4	16QAM	3	0	23.36	23.27	23.27
1.4	16QAM	3	1	23.26	23.41	23.27
1.4	16QAM	3	3	23.30	23.16	23.15
1.4	16QAM	6	0	23.22	23.19	23.24
1.4	64QAM	1	0	23.26	23.33	23.17
1.4	64QAM	1	3	23.17	23.25	23.35
1.4	64QAM	1	5	23.27	23.28	23.17
1.4	64QAM	3	0	23.21	23.33	23.22
1.4	64QAM	3	1	23.28	23.25	23.40
1.4	64QAM	3	3	23.15	23.14	23.17
1.4	64QAM	6	0	23.17	23.17	23.15



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	22.86	23.00	22.98
20	QPSK	1	49	22.95	22.94	22.96
20	QPSK	1	99	22.83	22.89	22.95
20	QPSK	50	0	22.16	22.30	22.11
20	QPSK	50	24	22.15	22.20	22.20
20	QPSK	50	50	22.24	22.23	22.20
20	QPSK	100	0	22.21	22.18	22.16
20	16QAM	1	0	22.17	22.28	22.27
20	16QAM	1	49	22.29	22.17	22.11
20	16QAM	1	99	22.35	22.14	22.24
20	16QAM	50	0	21.97	22.08	22.10
20	16QAM	50	24	22.15	22.06	22.12
20	16QAM	50	50	22.21	22.17	22.14
20	16QAM	100	0	22.12	22.04	22.07
20	64QAM	1	0	22.22	22.24	22.25
20	64QAM	1	49	22.16	22.19	22.22
20	64QAM	1	99	22.26	22.22	22.19
20	64QAM	50	0	21.93	22.17	22.07
20	64QAM	50	24	22.07	22.08	22.11
20	64QAM	50	50	22.14	22.11	22.11
20	64QAM	100	0	22.05	22.11	22.07



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	22.97	22.98	22.90
15	QPSK	1	37	22.94	22.90	22.95
15	QPSK	1	74	22.94	22.88	22.97
15	QPSK	36	0	22.09	22.34	22.14
15	QPSK	36	20	22.10	22.21	22.14
15	QPSK	36	39	22.20	22.16	22.12
15	QPSK	75	0	22.19	22.12	22.09
15	16QAM	1	0	22.35	21.90	22.12
15	16QAM	1	37	22.01	22.34	22.26
15	16QAM	1	74	22.33	22.22	22.31
15	16QAM	36	0	22.08	22.04	22.07
15	16QAM	36	20	22.09	22.07	22.19
15	16QAM	36	39	22.11	22.03	22.15
15	16QAM	75	0	22.21	22.15	22.06
15	64QAM	1	0	22.25	22.30	22.23
15	64QAM	1	37	22.32	22.35	22.18
15	64QAM	1	74	22.16	22.18	22.16
15	64QAM	36	0	22.03	22.01	22.12
15	64QAM	36	20	22.06	22.21	22.08
15	64QAM	36	39	22.17	22.08	22.06
15	64QAM	75	0	22.15	22.14	22.13



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	22.95	22.99	22.82
10	QPSK	1	25	22.92	22.84	22.97
10	QPSK	1	49	22.95	22.85	22.81
10	QPSK	25	0	22.11	22.27	22.21
10	QPSK	25	12	22.13	22.17	22.07
10	QPSK	25	25	22.16	22.13	22.26
10	QPSK	50	0	22.25	22.07	22.17
10	16QAM	1	0	22.08	22.34	22.14
10	16QAM	1	25	22.11	22.22	22.20
10	16QAM	1	49	22.18	21.89	22.17
10	16QAM	25	0	22.03	22.08	22.26
10	16QAM	25	12	22.10	22.15	22.19
10	16QAM	25	25	22.13	22.13	22.24
10	16QAM	50	0	22.21	21.99	22.16
10	64QAM	1	0	22.10	22.07	22.23
10	64QAM	1	25	22.21	22.22	22.08
10	64QAM	1	49	22.17	22.01	22.13
10	64QAM	25	0	22.07	22.02	22.11
10	64QAM	25	12	21.97	22.10	22.17
10	64QAM	25	25	22.19	22.10	22.25
10	64QAM	50	0	22.20	22.03	22.15



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	22.84	23.03	22.87
5	QPSK	1	12	22.94	22.92	22.76
5	QPSK	1	24	22.82	22.95	22.95
5	QPSK	12	0	22.03	22.10	22.15
5	QPSK	12	7	22.24	22.14	22.23
5	QPSK	12	13	22.05	22.10	22.18
5	QPSK	25	0	22.15	22.13	22.17
5	16QAM	1	0	22.32	22.10	22.04
5	16QAM	1	12	22.18	22.26	22.19
5	16QAM	1	24	22.32	22.05	22.15
5	16QAM	12	0	22.08	22.07	22.16
5	16QAM	12	7	22.05	22.15	22.18
5	16QAM	12	13	22.11	22.02	22.14
5	16QAM	25	0	22.14	22.09	22.03
5	64QAM	1	0	22.33	22.00	22.05
5	64QAM	1	12	22.19	22.30	22.34
5	64QAM	1	24	21.87	22.10	22.09
5	64QAM	12	0	22.03	22.12	22.20
5	64QAM	12	7	22.11	22.34	22.10
5	64QAM	12	13	22.20	22.28	22.10
5	64QAM	25	0	22.28	22.33	22.06



LTE Band 13						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				/	23230	/
Frequency (MHz)				/	782	/
10	QPSK	1	0	/	24.09	/
10	QPSK	1	25	/	23.78	/
10	QPSK	1	49	/	23.91	/
10	QPSK	25	0	/	23.31	/
10	QPSK	25	12	/	23.16	/
10	QPSK	25	25	/	23.22	/
10	QPSK	50	0	/	23.16	/
10	16QAM	1	0	/	23.28	/
10	16QAM	1	25	/	23.21	/
10	16QAM	1	49	/	23.30	/
10	16QAM	25	0	/	23.10	/
10	16QAM	25	12	/	23.06	/
10	16QAM	25	25	/	23.15	/
10	16QAM	50	0	/	23.12	/
10	64QAM	1	0	/	23.11	/
10	64QAM	1	25	/	23.18	/
10	64QAM	1	49	/	23.09	/
10	64QAM	25	0	/	22.99	/
10	64QAM	25	12	/	23.21	/
10	64QAM	25	25	/	23.20	/
10	64QAM	50	0	/	23.14	/



LTE Band 13						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23205	23230	23255
Frequency (MHz)				779.5	782	784.5
5	QPSK	1	0	23.94	24.07	23.80
5	QPSK	1	12	24.00	23.97	23.93
5	QPSK	1	24	23.94	23.76	23.83
5	QPSK	12	0	23.09	23.20	23.19
5	QPSK	12	7	23.11	23.05	23.02
5	QPSK	12	13	23.09	23.07	23.05
5	QPSK	25	0	23.09	22.97	23.06
5	16QAM	1	0	23.07	23.31	23.29
5	16QAM	1	12	23.24	23.30	23.20
5	16QAM	1	24	23.22	23.11	22.94
5	16QAM	12	0	23.12	23.15	23.06
5	16QAM	12	7	23.02	23.19	23.10
5	16QAM	12	13	23.09	23.05	23.05
5	16QAM	25	0	23.08	23.04	23.06
5	64QAM	1	0	23.18	23.00	23.04
5	64QAM	1	12	23.21	23.21	23.43
5	64QAM	1	24	22.99	23.12	22.96
5	64QAM	12	0	22.98	22.98	23.02
5	64QAM	12	7	23.02	23.02	23.02
5	64QAM	12	13	23.14	22.96	23.04
5	64QAM	25	0	23.10	22.99	23.12



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	24.09	23.97	23.93
15	QPSK	1	37	23.91	23.81	23.99
15	QPSK	1	74	23.83	23.81	23.88
15	QPSK	36	0	23.26	23.17	23.01
15	QPSK	36	20	23.11	23.09	23.03
15	QPSK	36	39	23.13	23.01	23.10
15	QPSK	75	0	22.95	22.90	22.95
15	16QAM	1	0	23.02	22.93	23.27
15	16QAM	1	37	23.17	23.05	23.24
15	16QAM	1	74	23.05	22.94	23.13
15	16QAM	36	0	23.04	23.03	23.11
15	16QAM	36	20	23.05	23.01	23.18
15	16QAM	36	39	22.96	22.84	23.08
15	16QAM	75	0	23.00	22.99	23.09
15	64QAM	1	0	23.43	23.42	23.03
15	64QAM	1	37	23.14	23.10	23.27
15	64QAM	1	74	23.33	23.22	23.07
15	64QAM	36	0	23.23	23.17	23.10
15	64QAM	36	20	23.14	23.13	23.22
15	64QAM	36	39	23.11	23.09	23.12
15	64QAM	75	0	23.12	23.02	23.19



LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26840	26915	26990
Frequency (MHz)				829.0	836.5	844.0
10	QPSK	1	0	23.89	23.97	24.00
10	QPSK	1	25	23.83	23.85	23.93
10	QPSK	1	49	23.74	23.83	23.84
10	QPSK	25	0	23.06	23.07	23.08
10	QPSK	25	12	22.98	22.98	23.07
10	QPSK	25	25	22.92	22.81	22.93
10	QPSK	50	0	22.88	22.96	22.98
10	16QAM	1	0	23.32	23.25	23.34
10	16QAM	1	25	23.38	23.35	23.43
10	16QAM	1	49	23.04	23.13	23.14
10	16QAM	25	0	22.98	22.94	23.04
10	16QAM	25	12	22.99	22.99	23.11
10	16QAM	25	25	23.06	22.99	23.08
10	16QAM	50	0	23.02	23.02	23.09
10	64QAM	1	0	23.10	22.99	23.11
10	64QAM	1	25	23.18	23.21	23.26
10	64QAM	1	49	22.86	22.92	22.96
10	64QAM	25	0	23.12	23.04	23.14
10	64QAM	25	12	23.03	23.00	23.05
10	64QAM	25	25	22.97	23.01	23.02
10	64QAM	50	0	22.94	22.93	22.96



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	23.85	23.88	23.94
5	QPSK	1	12	23.85	23.83	23.91
5	QPSK	1	24	23.74	23.84	23.86
5	QPSK	12	0	23.10	23.11	23.16
5	QPSK	12	7	23.09	23.03	23.12
5	QPSK	12	13	22.86	22.96	22.98
5	QPSK	25	0	22.96	22.97	23.08
5	16QAM	1	0	22.97	22.99	23.00
5	16QAM	1	12	23.23	23.14	23.25
5	16QAM	1	24	23.13	23.15	23.19
5	16QAM	12	0	23.13	23.17	23.20
5	16QAM	12	7	23.00	22.94	23.03
5	16QAM	12	13	23.00	23.00	23.12
5	16QAM	25	0	23.01	23.01	23.11
5	64QAM	1	0	23.07	23.08	23.09
5	64QAM	1	12	23.16	23.18	23.27
5	64QAM	1	24	23.09	23.09	23.13
5	64QAM	12	0	22.90	22.93	22.99
5	64QAM	12	7	22.89	22.95	23.01
5	64QAM	12	13	22.96	22.87	22.99
5	64QAM	25	0	23.08	23.13	23.17



LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26805	26915	27025
Frequency (MHz)				825.5	836.5	847.5
3	QPSK	1	0	23.86	23.77	23.88
3	QPSK	1	8	23.91	23.88	23.95
3	QPSK	1	14	23.93	23.93	23.94
3	QPSK	8	0	23.21	23.12	23.24
3	QPSK	8	4	23.12	23.07	23.16
3	QPSK	8	7	22.97	22.95	23.00
3	QPSK	15	0	23.04	23.06	23.09
3	16QAM	1	0	23.15	23.13	23.20
3	16QAM	1	8	22.99	23.01	23.09
3	16QAM	1	14	22.85	22.92	22.95
3	16QAM	8	0	22.94	22.98	23.04
3	16QAM	8	4	22.97	22.95	23.03
3	16QAM	8	7	22.96	23.01	23.04
3	16QAM	15	0	22.87	22.95	22.97
3	64QAM	1	0	22.96	22.88	22.98
3	64QAM	1	8	22.90	22.88	22.99
3	64QAM	1	14	23.12	23.04	23.14
3	64QAM	8	0	23.03	23.02	23.05
3	64QAM	8	4	23.06	23.12	23.17
3	64QAM	8	7	23.03	23.11	23.14
3	64QAM	15	0	23.02	22.91	23.03



LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26797	26915	27033
Frequency (MHz)				824.7	836.5	848.3
1.4	QPSK	1	0	23.78	23.74	23.84
1.4	QPSK	1	3	23.89	23.90	23.95
1.4	QPSK	1	5	23.92	23.94	23.95
1.4	QPSK	3	0	23.20	23.17	23.21
1.4	QPSK	3	1	23.16	23.15	23.24
1.4	QPSK	3	3	23.17	23.13	23.20
1.4	QPSK	6	0	23.02	22.96	23.08
1.4	16QAM	1	0	23.08	23.10	23.13
1.4	16QAM	1	3	23.11	23.12	23.19
1.4	16QAM	1	5	22.92	22.85	22.96
1.4	16QAM	3	0	23.06	22.98	23.09
1.4	16QAM	3	1	23.11	23.11	23.15
1.4	16QAM	3	3	22.93	22.92	22.96
1.4	16QAM	6	0	23.15	23.19	23.20
1.4	64QAM	1	0	22.90	22.95	23.01
1.4	64QAM	1	3	23.07	23.18	23.19
1.4	64QAM	1	5	23.03	23.05	23.06
1.4	64QAM	3	0	23.01	22.95	23.02
1.4	64QAM	3	1	23.04	23.07	23.13
1.4	64QAM	3	3	22.89	22.90	22.98
1.4	64QAM	6	0	23.06	23.01	23.11



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				132072	132322	132572
Frequency (MHz)				1720	1745	1770
20	QPSK	1	0	22.82	23.03	22.75
20	QPSK	1	49	22.89	22.88	22.90
20	QPSK	1	99	22.80	22.82	22.72
20	QPSK	50	0	22.28	22.34	22.24
20	QPSK	50	24	22.25	22.31	22.25
20	QPSK	50	50	22.25	22.29	22.23
20	QPSK	100	0	22.21	22.21	22.27
20	16QAM	1	0	22.38	22.26	22.45
20	16QAM	1	49	22.67	22.39	22.41
20	16QAM	1	99	22.41	22.36	22.28
20	16QAM	50	0	22.31	22.33	22.20
20	16QAM	50	24	22.37	22.32	22.36
20	16QAM	50	50	22.34	22.29	22.30
20	16QAM	100	0	22.30	22.35	22.27
20	64QAM	1	0	22.25	22.20	22.22
20	64QAM	1	49	22.22	22.59	22.44
20	64QAM	1	99	22.32	22.33	22.24
20	64QAM	50	0	22.27	22.27	22.23
20	64QAM	50	24	22.45	22.41	22.33
20	64QAM	50	50	22.35	22.26	22.27
20	64QAM	100	0	22.29	22.32	22.27



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				132047	132322	132597
Frequency (MHz)				1717.5	1745	1772.5
15	QPSK	1	0	22.85	23.02	22.98
15	QPSK	1	37	22.97	22.94	22.88
15	QPSK	1	74	22.88	22.96	22.96
15	QPSK	36	0	22.28	22.30	22.28
15	QPSK	36	20	22.25	22.20	22.21
15	QPSK	36	39	22.30	22.34	22.37
15	QPSK	75	0	22.22	22.29	22.23
15	16QAM	1	0	22.24	22.22	22.27
15	16QAM	1	37	22.42	22.20	22.32
15	16QAM	1	74	22.21	22.31	22.34
15	16QAM	36	0	22.32	22.24	22.27
15	16QAM	36	20	22.24	22.26	22.29
15	16QAM	36	39	22.36	22.32	22.29
15	16QAM	75	0	22.37	22.25	22.24
15	64QAM	1	0	22.25	22.51	22.48
15	64QAM	1	37	22.31	22.39	22.41
15	64QAM	1	74	22.29	22.57	22.21
15	64QAM	36	0	22.25	22.38	22.37
15	64QAM	36	20	22.24	22.36	22.28
15	64QAM	36	39	22.25	22.29	22.29
15	64QAM	75	0	22.29	22.26	22.34



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				132022	132322	132622
Frequency (MHz)				1715	1745	1775
10	QPSK	1	0	22.88	22.95	22.87
10	QPSK	1	25	22.94	22.88	22.93
10	QPSK	1	49	22.94	22.86	22.84
10	QPSK	25	0	22.22	22.29	22.23
10	QPSK	25	12	22.27	22.26	22.23
10	QPSK	25	25	22.27	22.26	22.20
10	QPSK	50	0	22.26	22.25	22.26
10	16QAM	1	0	22.28	22.33	22.35
10	16QAM	1	25	22.55	22.25	22.36
10	16QAM	1	49	22.29	22.47	22.40
10	16QAM	25	0	22.36	22.39	22.38
10	16QAM	25	12	22.49	22.47	22.35
10	16QAM	25	25	22.38	22.40	22.28
10	16QAM	50	0	22.41	22.39	22.34
10	64QAM	1	0	22.59	22.26	22.47
10	64QAM	1	25	22.30	22.37	22.49
10	64QAM	1	49	22.24	22.22	22.37
10	64QAM	25	0	22.36	22.32	22.27
10	64QAM	25	12	22.29	22.46	22.39
10	64QAM	25	25	22.35	22.42	22.39
10	64QAM	50	0	22.24	22.24	22.28



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				131997	132322	132647
Frequency (MHz)				1712.5	1745	1777.5
5	QPSK	1	0	22.83	22.93	22.91
5	QPSK	1	12	22.91	22.87	22.86
5	QPSK	1	24	22.90	22.89	22.76
5	QPSK	12	0	22.30	22.31	22.28
5	QPSK	12	7	22.28	22.23	22.22
5	QPSK	12	13	22.23	22.26	22.20
5	QPSK	25	0	22.21	22.25	22.29
5	16QAM	1	0	22.22	22.47	22.36
5	16QAM	1	12	22.26	22.58	22.20
5	16QAM	1	24	22.20	22.29	22.39
5	16QAM	12	0	22.28	22.32	22.38
5	16QAM	12	7	22.50	22.34	22.27
5	16QAM	12	13	22.30	22.36	22.31
5	16QAM	25	0	22.41	22.41	22.30
5	64QAM	1	0	22.24	22.37	22.29
5	64QAM	1	12	22.58	22.46	22.64
5	64QAM	1	24	22.42	22.28	22.34
5	64QAM	12	0	22.26	22.32	22.43
5	64QAM	12	7	22.39	22.31	22.28
5	64QAM	12	13	22.27	22.26	22.44
5	64QAM	25	0	22.29	22.35	22.40



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				131987	132322	132657
Frequency (MHz)				1711.5	1745	1778.5
3	QPSK	1	0	22.85	22.96	22.95
3	QPSK	1	8	22.92	22.81	22.87
3	QPSK	1	14	22.82	22.77	22.87
3	QPSK	8	0	22.27	22.30	22.25
3	QPSK	8	4	22.31	22.29	22.29
3	QPSK	8	7	22.24	22.29	22.25
3	QPSK	15	0	22.28	22.27	22.23
3	16QAM	1	0	22.55	22.66	22.25
3	16QAM	1	8	22.64	22.61	22.34
3	16QAM	1	14	22.31	22.30	22.32
3	16QAM	8	0	22.32	22.37	22.21
3	16QAM	8	4	22.32	22.29	22.28
3	16QAM	8	7	22.25	22.37	22.31
3	16QAM	15	0	22.43	22.25	22.27
3	64QAM	1	0	22.24	22.25	22.30
3	64QAM	1	8	22.27	22.52	22.54
3	64QAM	1	14	22.25	22.25	22.49
3	64QAM	8	0	22.28	22.35	22.30
3	64QAM	8	4	22.38	22.35	22.24
3	64QAM	8	7	22.33	22.26	22.27
3	64QAM	15	0	22.28	22.28	22.39



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	22.86	22.95	22.90
1.4	QPSK	1	3	22.89	22.94	22.94
1.4	QPSK	1	5	22.89	22.77	22.88
1.4	QPSK	3	0	22.21	22.29	22.20
1.4	QPSK	3	1	22.23	22.25	22.26
1.4	QPSK	3	3	22.20	22.22	22.25
1.4	QPSK	6	0	22.22	22.24	22.21
1.4	16QAM	1	0	22.39	22.20	22.39
1.4	16QAM	1	3	22.44	22.30	22.46
1.4	16QAM	1	5	22.33	22.27	22.38
1.4	16QAM	3	0	22.43	22.46	22.26
1.4	16QAM	3	1	22.51	22.37	22.32
1.4	16QAM	3	3	22.37	22.40	22.31
1.4	16QAM	6	0	22.44	22.41	22.48
1.4	64QAM	1	0	22.30	22.32	22.23
1.4	64QAM	1	3	22.60	22.22	22.27
1.4	64QAM	1	5	22.50	22.20	22.34
1.4	64QAM	3	0	22.54	22.52	22.59
1.4	64QAM	3	1	22.64	22.60	22.62
1.4	64QAM	3	3	22.52	22.54	22.66
1.4	64QAM	6	0	22.56	22.61	22.39

**MAS Antenna**

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	23.00	23.33	23.11
20	QPSK	1	49	23.09	23.08	23.09
20	QPSK	1	99	23.17	23.03	23.08
20	QPSK	50	0	22.20	22.34	22.14
20	QPSK	50	24	22.19	22.24	22.23
20	QPSK	50	50	22.28	22.27	22.23
20	QPSK	100	0	22.25	22.22	22.19
20	16QAM	1	0	22.21	22.32	22.30
20	16QAM	1	49	22.33	22.21	22.14
20	16QAM	1	99	22.37	22.18	22.27
20	16QAM	50	0	22.01	22.12	22.13
20	16QAM	50	24	22.19	22.10	22.15
20	16QAM	50	50	22.25	22.21	22.17
20	16QAM	100	0	22.16	22.08	22.10
20	64QAM	1	0	22.26	22.28	22.28
20	64QAM	1	49	22.20	22.23	22.25
20	64QAM	1	99	22.30	22.26	22.22
20	64QAM	50	0	21.97	22.21	22.10
20	64QAM	50	24	22.11	22.12	22.14
20	64QAM	50	50	22.18	22.15	22.14
20	64QAM	100	0	22.09	22.15	22.10



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	23.10	23.18	23.09
15	QPSK	1	37	23.07	23.06	23.07
15	QPSK	1	74	23.02	23.01	23.06
15	QPSK	36	0	22.18	22.32	22.12
15	QPSK	36	20	22.17	22.22	22.21
15	QPSK	36	39	22.26	22.25	22.21
15	QPSK	75	0	22.23	22.20	22.17
15	16QAM	1	0	22.19	22.30	22.28
15	16QAM	1	37	22.31	22.19	22.12
15	16QAM	1	74	22.35	22.16	22.25
15	16QAM	36	0	21.99	22.10	22.11
15	16QAM	36	20	22.17	22.08	22.13
15	16QAM	36	39	22.23	22.19	22.15
15	16QAM	75	0	22.14	22.06	22.08
15	64QAM	1	0	22.24	22.26	22.26
15	64QAM	1	37	22.18	22.21	22.23
15	64QAM	1	74	22.28	22.24	22.20
15	64QAM	36	0	21.95	22.19	22.08
15	64QAM	36	20	22.09	22.10	22.12
15	64QAM	36	39	22.16	22.13	22.12
15	64QAM	75	0	22.07	22.13	22.08



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	23.00	23.19	23.09
10	QPSK	1	25	23.08	23.07	23.07
10	QPSK	1	49	23.13	23.02	23.06
10	QPSK	25	0	22.19	22.33	22.12
10	QPSK	25	12	22.18	22.23	22.21
10	QPSK	25	25	22.27	22.26	22.21
10	QPSK	50	0	22.24	22.21	22.17
10	16QAM	1	0	22.20	22.31	22.28
10	16QAM	1	25	22.32	22.20	22.12
10	16QAM	1	49	22.36	22.17	22.25
10	16QAM	25	0	22.00	22.11	22.11
10	16QAM	25	12	22.18	22.09	22.13
10	16QAM	25	25	22.24	22.20	22.15
10	16QAM	50	0	22.15	22.07	22.08
10	64QAM	1	0	22.25	22.27	22.26
10	64QAM	1	25	22.19	22.22	22.23
10	64QAM	1	49	22.29	22.25	22.20
10	64QAM	25	0	21.96	22.20	22.08
10	64QAM	25	12	22.10	22.11	22.12
10	64QAM	25	25	22.17	22.14	22.12
10	64QAM	50	0	22.08	22.14	22.08



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	23.04	23.16	23.13
5	QPSK	1	12	23.13	23.04	23.11
5	QPSK	1	24	23.01	23.00	23.10
5	QPSK	12	0	22.24	22.30	22.16
5	QPSK	12	7	22.23	22.20	22.25
5	QPSK	12	13	22.32	22.23	22.25
5	QPSK	25	0	22.29	22.18	22.21
5	16QAM	1	0	22.25	22.28	22.32
5	16QAM	1	12	22.37	22.17	22.16
5	16QAM	1	24	22.41	22.14	22.29
5	16QAM	12	0	22.05	22.08	22.15
5	16QAM	12	7	22.23	22.06	22.17
5	16QAM	12	13	22.29	22.17	22.19
5	16QAM	25	0	22.20	22.04	22.12
5	64QAM	1	0	22.30	22.24	22.30
5	64QAM	1	12	22.24	22.19	22.27
5	64QAM	1	24	22.34	22.22	22.24
5	64QAM	12	0	22.01	22.17	22.12
5	64QAM	12	7	22.15	22.08	22.16
5	64QAM	12	13	22.22	22.11	22.16
5	64QAM	25	0	22.13	22.11	22.12

**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	17.91	0.062	18.06	0.064	18.03	0.064
20	QPSK	1	49	17.96	0.063	18.01	0.063	17.95	0.062
20	QPSK	1	99	17.77	0.060	17.77	0.060	17.85	0.061
20	QPSK	50	0	17.03	0.050	17.10	0.051	17.02	0.050
20	QPSK	50	24	16.90	0.049	17.04	0.051	16.90	0.049
20	QPSK	50	50	16.90	0.049	17.04	0.051	16.95	0.050
20	QPSK	100	0	17.05	0.051	16.98	0.050	17.05	0.051
20	16QAM	1	0	17.17	0.052	17.22	0.053	16.96	0.050
20	16QAM	1	49	17.16	0.052	17.18	0.052	16.92	0.049
20	16QAM	1	99	16.90	0.049	17.00	0.050	17.26	0.053
20	16QAM	50	0	17.19	0.052	17.12	0.052	17.15	0.052
20	16QAM	50	24	17.12	0.052	17.15	0.052	17.15	0.052
20	16QAM	50	50	17.17	0.052	17.09	0.051	17.07	0.051
20	16QAM	100	0	17.07	0.051	17.14	0.052	17.14	0.052
20	64QAM	1	0	17.20	0.052	16.97	0.050	17.11	0.051
20	64QAM	1	49	17.12	0.052	17.15	0.052	16.97	0.050
20	64QAM	1	99	16.96	0.050	16.95	0.050	16.92	0.049
20	64QAM	50	0	17.06	0.051	16.93	0.049	16.95	0.050
20	64QAM	50	24	17.04	0.051	16.99	0.050	16.92	0.049
20	64QAM	50	50	17.05	0.051	16.91	0.049	17.13	0.052
20	64QAM	100	0	17.07	0.051	17.04	0.051	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				18675		18900		19125	
Frequency (MHz)				1857.5		1880		1902.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	18.03	0.064	18.04	0.064	18.01	0.063
15	QPSK	1	37	17.87	0.061	17.94	0.062	17.76	0.060
15	QPSK	1	74	17.95	0.062	17.81	0.060	17.68	0.059
15	QPSK	36	0	17.06	0.051	17.09	0.051	16.95	0.050
15	QPSK	36	20	17.08	0.051	16.98	0.050	16.91	0.049
15	QPSK	36	39	17.05	0.051	16.94	0.049	16.90	0.049
15	QPSK	75	0	17.06	0.051	17.02	0.050	16.92	0.049
15	16QAM	1	0	17.37	0.055	16.94	0.049	17.18	0.052
15	16QAM	1	37	17.11	0.051	17.16	0.052	16.92	0.049
15	16QAM	1	74	17.13	0.052	17.00	0.050	17.05	0.051
15	16QAM	36	0	17.09	0.051	16.97	0.050	16.93	0.049
15	16QAM	36	20	17.10	0.051	16.95	0.050	16.92	0.049
15	16QAM	36	39	17.09	0.051	17.05	0.051	17.03	0.050
15	16QAM	75	0	17.10	0.051	16.91	0.049	16.93	0.049
15	64QAM	1	0	17.05	0.051	17.10	0.051	16.94	0.049
15	64QAM	1	37	16.98	0.050	16.92	0.049	17.24	0.053
15	64QAM	1	74	17.20	0.052	16.95	0.050	16.93	0.049
15	64QAM	36	0	17.07	0.051	16.93	0.049	16.91	0.049
15	64QAM	36	20	17.05	0.051	17.02	0.050	16.97	0.050
15	64QAM	36	39	17.11	0.051	16.97	0.050	16.92	0.049
15	64QAM	75	0	16.98	0.050	16.95	0.050	16.94	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	17.72	0.059	18.00	0.063	17.99	0.063
10	QPSK	1	25	17.92	0.062	17.84	0.061	17.91	0.062
10	QPSK	1	49	17.92	0.062	17.91	0.062	17.89	0.062
10	QPSK	25	0	16.94	0.049	17.01	0.050	16.93	0.049
10	QPSK	25	12	16.98	0.050	16.95	0.050	16.99	0.050
10	QPSK	25	25	16.98	0.050	16.90	0.049	16.92	0.049
10	QPSK	50	0	16.94	0.049	17.03	0.050	16.90	0.049
10	16QAM	1	0	16.91	0.049	17.08	0.051	17.07	0.051
10	16QAM	1	25	16.94	0.049	17.03	0.050	16.93	0.049
10	16QAM	1	49	17.04	0.051	16.96	0.050	17.05	0.051
10	16QAM	25	0	17.09	0.051	17.04	0.051	16.99	0.050
10	16QAM	25	12	17.16	0.052	17.10	0.051	16.93	0.049
10	16QAM	25	25	16.94	0.049	16.95	0.050	16.96	0.050
10	16QAM	50	0	17.13	0.052	16.90	0.049	17.03	0.050
10	64QAM	1	0	16.91	0.049	16.96	0.050	16.98	0.050
10	64QAM	1	25	17.17	0.052	17.15	0.052	16.96	0.050
10	64QAM	1	49	17.16	0.052	16.98	0.050	17.07	0.051
10	64QAM	25	0	17.15	0.052	17.03	0.050	17.03	0.050
10	64QAM	25	12	17.14	0.052	17.12	0.052	16.99	0.050
10	64QAM	25	25	17.08	0.051	16.96	0.050	16.94	0.049
10	64QAM	50	0	17.02	0.050	16.93	0.049	16.97	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				18625		18900		19175	
Frequency (MHz)				1852.5		1880		1907.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	17.51	0.056	17.90	0.062	17.53	0.057
5	QPSK	1	12	17.74	0.059	17.78	0.060	17.61	0.058
5	QPSK	1	24	17.46	0.056	17.56	0.057	17.67	0.058
5	QPSK	12	0	17.05	0.051	17.13	0.052	16.93	0.049
5	QPSK	12	7	17.13	0.052	17.11	0.051	16.98	0.050
5	QPSK	12	13	16.98	0.050	16.97	0.050	17.05	0.051
5	QPSK	25	0	16.98	0.050	17.00	0.050	17.14	0.052
5	16QAM	1	0	16.93	0.049	17.04	0.051	17.05	0.051
5	16QAM	1	12	17.00	0.050	17.04	0.051	17.03	0.050
5	16QAM	1	24	17.10	0.051	16.93	0.049	16.95	0.050
5	16QAM	12	0	17.08	0.051	17.00	0.050	17.03	0.050
5	16QAM	12	7	17.18	0.052	17.09	0.051	17.07	0.051
5	16QAM	12	13	17.07	0.051	17.07	0.051	17.07	0.051
5	16QAM	25	0	17.03	0.050	17.10	0.051	17.05	0.051
5	64QAM	1	0	16.91	0.049	17.26	0.053	17.02	0.050
5	64QAM	1	12	16.95	0.050	17.14	0.052	17.22	0.053
5	64QAM	1	24	16.98	0.050	16.92	0.049	17.00	0.050
5	64QAM	12	0	17.05	0.051	17.00	0.050	17.09	0.051
5	64QAM	12	7	17.16	0.052	17.08	0.051	17.07	0.051
5	64QAM	12	13	17.01	0.050	17.02	0.050	17.03	0.050
5	64QAM	25	0	16.96	0.050	17.13	0.052	17.05	0.051



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	17.84	0.061	17.95	0.062	17.62	0.058
3	QPSK	1	8	17.87	0.061	17.69	0.059	17.66	0.058
3	QPSK	1	14	17.89	0.062	17.77	0.060	17.67	0.058
3	QPSK	8	0	17.05	0.051	17.12	0.052	17.02	0.050
3	QPSK	8	4	16.94	0.049	17.08	0.051	17.03	0.050
3	QPSK	8	7	16.92	0.049	17.05	0.051	17.11	0.051
3	QPSK	15	0	17.01	0.050	17.09	0.051	16.97	0.050
3	16QAM	1	0	17.04	0.051	17.09	0.051	17.11	0.051
3	16QAM	1	8	17.10	0.051	16.92	0.049	17.16	0.052
3	16QAM	1	14	17.21	0.053	17.29	0.054	17.00	0.050
3	16QAM	8	0	17.06	0.051	17.04	0.051	17.07	0.051
3	16QAM	8	4	17.19	0.052	17.10	0.051	17.11	0.051
3	16QAM	8	7	17.06	0.051	17.02	0.050	16.92	0.049
3	16QAM	15	0	17.01	0.050	17.04	0.051	17.03	0.050
3	64QAM	1	0	17.02	0.050	17.10	0.051	17.09	0.051
3	64QAM	1	8	17.09	0.051	16.99	0.050	16.96	0.050
3	64QAM	1	14	17.03	0.050	16.97	0.050	16.99	0.050
3	64QAM	8	0	17.10	0.051	17.09	0.051	16.93	0.049
3	64QAM	8	4	17.03	0.050	17.03	0.050	17.00	0.050
3	64QAM	8	7	17.02	0.050	17.00	0.050	16.96	0.050
3	64QAM	15	0	17.16	0.052	17.10	0.051	17.01	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				18607		18900		19193	
Frequency (MHz)				1850.7		1880		1909.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	17.68	0.059	18.03	0.064	17.74	0.059
1.4	QPSK	1	3	17.96	0.063	17.91	0.062	17.98	0.063
1.4	QPSK	1	5	17.81	0.060	17.80	0.060	17.99	0.063
1.4	QPSK	3	0	16.92	0.049	17.00	0.050	16.95	0.050
1.4	QPSK	3	1	17.15	0.052	17.08	0.051	16.99	0.050
1.4	QPSK	3	3	16.98	0.050	17.01	0.050	16.95	0.050
1.4	QPSK	6	0	17.13	0.052	17.06	0.051	16.91	0.049
1.4	16QAM	1	0	17.31	0.054	17.21	0.053	17.06	0.051
1.4	16QAM	1	3	16.90	0.049	16.92	0.049	17.18	0.052
1.4	16QAM	1	5	16.95	0.050	17.08	0.051	16.92	0.049
1.4	16QAM	3	0	16.97	0.050	16.90	0.049	17.03	0.050
1.4	16QAM	3	1	17.01	0.050	16.95	0.050	16.99	0.050
1.4	16QAM	3	3	16.90	0.049	17.04	0.051	16.94	0.049
1.4	16QAM	6	0	17.11	0.051	16.99	0.050	16.94	0.049
1.4	64QAM	1	0	16.92	0.049	17.02	0.050	16.95	0.050
1.4	64QAM	1	3	17.04	0.051	17.05	0.051	17.00	0.050
1.4	64QAM	1	5	17.24	0.053	16.99	0.050	16.95	0.050
1.4	64QAM	3	0	16.98	0.050	16.91	0.049	16.90	0.049
1.4	64QAM	3	1	17.08	0.051	16.92	0.049	16.94	0.049
1.4	64QAM	3	3	17.04	0.051	16.94	0.049	16.99	0.050
1.4	64QAM	6	0	16.98	0.050	17.00	0.050	16.90	0.049



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	17.98	0.063	18.08	0.064	17.97	0.063
20	QPSK	1	49	17.98	0.063	17.92	0.062	17.92	0.062
20	QPSK	1	99	17.90	0.062	17.94	0.062	17.98	0.063
20	QPSK	50	0	16.99	0.050	17.28	0.053	17.21	0.053
20	QPSK	50	24	16.98	0.050	16.91	0.049	17.15	0.052
20	QPSK	50	50	17.17	0.052	17.02	0.050	16.99	0.050
20	QPSK	100	0	17.11	0.051	16.95	0.050	17.14	0.052
20	16QAM	1	0	16.95	0.050	16.91	0.049	17.02	0.050
20	16QAM	1	49	17.24	0.053	17.14	0.052	17.21	0.053
20	16QAM	1	99	17.09	0.051	16.90	0.049	16.93	0.049
20	16QAM	50	0	16.96	0.050	17.03	0.050	17.16	0.052
20	16QAM	50	24	17.06	0.051	16.94	0.049	17.10	0.051
20	16QAM	50	50	17.20	0.052	16.95	0.050	16.98	0.050
20	16QAM	100	0	17.06	0.051	16.99	0.050	17.22	0.053
20	64QAM	1	0	16.97	0.050	17.18	0.052	16.94	0.049
20	64QAM	1	49	17.09	0.051	17.08	0.051	17.06	0.051
20	64QAM	1	99	16.93	0.049	17.05	0.051	16.96	0.050
20	64QAM	50	0	16.99	0.050	17.06	0.051	17.17	0.052
20	64QAM	50	24	17.08	0.051	16.90	0.049	17.10	0.051
20	64QAM	50	50	17.05	0.051	16.91	0.049	17.02	0.050
20	64QAM	100	0	17.09	0.051	16.92	0.049	17.18	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				20025		20175		20325	
Frequency (MHz)				1717.5		1732.5		1747.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	18.02	0.063	18.14	0.065	17.90	0.062
15	QPSK	1	37	18.02	0.063	18.02	0.063	18.10	0.065
15	QPSK	1	74	17.72	0.059	17.66	0.058	17.81	0.060
15	QPSK	36	0	16.96	0.050	16.98	0.050	17.05	0.051
15	QPSK	36	20	17.05	0.051	17.00	0.050	17.01	0.050
15	QPSK	36	39	17.06	0.051	16.93	0.049	16.97	0.050
15	QPSK	75	0	17.02	0.050	17.04	0.051	17.05	0.051
15	16QAM	1	0	17.04	0.051	17.04	0.051	17.06	0.051
15	16QAM	1	37	16.93	0.049	17.33	0.054	17.01	0.050
15	16QAM	1	74	17.19	0.052	16.94	0.049	17.04	0.051
15	16QAM	36	0	16.91	0.049	16.90	0.049	17.04	0.051
15	16QAM	36	20	16.94	0.049	17.01	0.050	17.04	0.051
15	16QAM	36	39	17.19	0.052	16.94	0.049	17.00	0.050
15	16QAM	75	0	17.13	0.052	16.97	0.050	17.08	0.051
15	64QAM	1	0	16.91	0.049	16.98	0.050	16.92	0.049
15	64QAM	1	37	17.06	0.051	16.96	0.050	16.95	0.050
15	64QAM	1	74	16.91	0.049	17.05	0.051	16.90	0.049
15	64QAM	36	0	16.99	0.050	17.05	0.051	17.06	0.051
15	64QAM	36	20	17.08	0.051	16.92	0.049	16.96	0.050
15	64QAM	36	39	16.99	0.050	16.91	0.049	17.03	0.050
15	64QAM	75	0	17.04	0.051	16.94	0.049	17.04	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				20000		20175		20350	
Frequency (MHz)				1715		1732.5		1750	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	17.85	0.061	18.24	0.067	18.01	0.063
10	QPSK	1	25	18.08	0.064	18.07	0.064	18.09	0.064
10	QPSK	1	49	17.85	0.061	17.89	0.062	17.84	0.061
10	QPSK	25	0	17.18	0.052	17.03	0.050	17.12	0.052
10	QPSK	25	12	17.02	0.050	16.99	0.050	17.05	0.051
10	QPSK	25	25	17.11	0.051	17.05	0.051	17.04	0.051
10	QPSK	50	0	17.19	0.052	16.97	0.050	17.11	0.051
10	16QAM	1	0	17.24	0.053	17.06	0.051	17.02	0.050
10	16QAM	1	25	17.36	0.054	17.05	0.051	17.19	0.052
10	16QAM	1	49	17.04	0.051	16.91	0.049	17.12	0.052
10	16QAM	25	0	17.07	0.051	17.11	0.051	17.10	0.051
10	16QAM	25	12	17.08	0.051	16.99	0.050	17.07	0.051
10	16QAM	25	25	17.10	0.051	17.00	0.050	17.04	0.051
10	16QAM	50	0	17.16	0.052	16.94	0.049	17.08	0.051
10	64QAM	1	0	17.05	0.051	17.05	0.051	17.37	0.055
10	64QAM	1	25	17.15	0.052	17.01	0.050	17.06	0.051
10	64QAM	1	49	17.06	0.051	17.05	0.051	16.91	0.049
10	64QAM	25	0	17.07	0.051	17.11	0.051	17.22	0.053
10	64QAM	25	12	17.05	0.051	17.09	0.051	17.06	0.051
10	64QAM	25	25	17.08	0.051	17.01	0.050	17.10	0.051
10	64QAM	50	0	17.20	0.052	17.05	0.051	17.14	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	17.89	0.062	18.01	0.063	17.98	0.063
5	QPSK	1	12	17.94	0.062	17.94	0.062	17.91	0.062
5	QPSK	1	24	17.97	0.063	17.71	0.059	17.77	0.060
5	QPSK	12	0	17.07	0.051	16.99	0.050	17.07	0.051
5	QPSK	12	7	17.06	0.051	17.06	0.051	17.14	0.052
5	QPSK	12	13	16.98	0.050	16.92	0.049	17.03	0.050
5	QPSK	25	0	17.07	0.051	17.07	0.051	16.95	0.050
5	16QAM	1	0	17.31	0.054	17.21	0.053	17.18	0.052
5	16QAM	1	12	17.06	0.051	17.15	0.052	17.35	0.054
5	16QAM	1	24	17.26	0.053	17.16	0.052	17.01	0.050
5	16QAM	12	0	17.09	0.051	16.98	0.050	16.95	0.050
5	16QAM	12	7	17.03	0.050	17.06	0.051	17.15	0.052
5	16QAM	12	13	17.01	0.050	17.07	0.051	17.13	0.052
5	16QAM	25	0	17.13	0.052	16.92	0.049	17.16	0.052
5	64QAM	1	0	16.95	0.050	16.92	0.049	17.00	0.050
5	64QAM	1	12	17.34	0.054	16.98	0.050	17.07	0.051
5	64QAM	1	24	16.91	0.049	16.91	0.049	17.04	0.051
5	64QAM	12	0	16.98	0.050	16.91	0.049	16.90	0.049
5	64QAM	12	7	17.07	0.051	16.96	0.050	17.12	0.052
5	64QAM	12	13	16.98	0.050	16.94	0.049	16.98	0.050
5	64QAM	25	0	17.18	0.052	17.00	0.050	17.04	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				19965		20175		20385	
Frequency (MHz)				1711.5		1732.5		1753.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	17.99	0.063	18.05	0.064	17.91	0.062
3	QPSK	1	8	17.97	0.063	17.97	0.063	17.95	0.062
3	QPSK	1	14	17.95	0.062	17.95	0.062	17.92	0.062
3	QPSK	8	0	17.02	0.050	17.11	0.051	16.90	0.049
3	QPSK	8	4	17.04	0.051	16.99	0.050	17.02	0.050
3	QPSK	8	7	17.07	0.051	17.00	0.050	16.95	0.050
3	QPSK	15	0	17.04	0.051	17.02	0.050	17.09	0.051
3	16QAM	1	0	17.08	0.051	17.08	0.051	17.20	0.052
3	16QAM	1	8	17.22	0.053	17.31	0.054	17.22	0.053
3	16QAM	1	14	17.13	0.052	17.11	0.051	17.17	0.052
3	16QAM	8	0	17.10	0.051	16.98	0.050	17.10	0.051
3	16QAM	8	4	17.21	0.053	17.09	0.051	17.21	0.053
3	16QAM	8	7	17.12	0.052	17.16	0.052	17.03	0.050
3	16QAM	15	0	16.95	0.050	17.08	0.051	17.09	0.051
3	64QAM	1	0	17.03	0.050	16.98	0.050	17.08	0.051
3	64QAM	1	8	17.03	0.050	17.11	0.051	17.14	0.052
3	64QAM	1	14	17.12	0.052	16.93	0.049	17.06	0.051
3	64QAM	8	0	17.06	0.051	16.92	0.049	17.05	0.051
3	64QAM	8	4	17.09	0.051	16.99	0.050	17.07	0.051
3	64QAM	8	7	17.02	0.050	17.03	0.050	17.04	0.051
3	64QAM	15	0	17.09	0.051	16.93	0.049	16.96	0.050



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	18.05	0.064	18.06	0.064	17.89	0.062
1.4	QPSK	1	3	17.91	0.062	17.92	0.062	17.91	0.062
1.4	QPSK	1	5	17.96	0.063	17.86	0.061	17.90	0.062
1.4	QPSK	3	0	17.06	0.051	17.10	0.051	16.96	0.050
1.4	QPSK	3	1	17.03	0.050	17.09	0.051	17.08	0.051
1.4	QPSK	3	3	17.08	0.051	16.90	0.049	16.93	0.049
1.4	QPSK	6	0	17.07	0.051	17.03	0.050	17.02	0.050
1.4	16QAM	1	0	16.99	0.050	17.06	0.051	16.98	0.050
1.4	16QAM	1	3	17.24	0.053	17.09	0.051	17.15	0.052
1.4	16QAM	1	5	17.32	0.054	17.04	0.051	17.41	0.055
1.4	16QAM	3	0	16.97	0.050	16.94	0.049	17.01	0.050
1.4	16QAM	3	1	17.10	0.051	17.10	0.051	17.05	0.051
1.4	16QAM	3	3	16.96	0.050	17.06	0.051	17.02	0.050
1.4	16QAM	6	0	17.09	0.051	17.07	0.051	17.17	0.052
1.4	64QAM	1	0	17.10	0.051	16.97	0.050	17.17	0.052
1.4	64QAM	1	3	17.21	0.053	17.06	0.051	17.24	0.053
1.4	64QAM	1	5	16.97	0.050	16.91	0.049	17.04	0.051
1.4	64QAM	3	0	17.08	0.051	16.91	0.049	17.05	0.051
1.4	64QAM	3	1	17.05	0.051	17.01	0.050	16.99	0.050
1.4	64QAM	3	3	16.96	0.050	17.01	0.050	16.92	0.049
1.4	64QAM	6	0	17.04	0.051	17.12	0.052	17.06	0.051



LTE Band 5				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20450		20525		20600	
Frequency (MHz)				829		836.5		844	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	19.91	0.098	20.07	0.102	19.76	0.095
10	QPSK	1	25	19.99	0.100	19.99	0.100	20.06	0.101
10	QPSK	1	49	19.92	0.098	19.94	0.099	19.85	0.097
10	QPSK	25	0	18.79	0.076	19.08	0.081	18.87	0.077
10	QPSK	25	12	18.81	0.076	18.76	0.075	18.83	0.076
10	QPSK	25	25	18.92	0.078	18.81	0.076	18.79	0.076
10	QPSK	50	0	18.83	0.076	18.79	0.076	18.73	0.075
10	16QAM	1	0	19.15	0.082	19.21	0.083	19.11	0.081
10	16QAM	1	25	19.18	0.083	19.18	0.083	19.13	0.082
10	16QAM	1	49	19.13	0.082	18.95	0.079	19.09	0.081
10	16QAM	25	0	18.96	0.079	18.83	0.076	19.06	0.081
10	16QAM	25	12	18.96	0.079	18.89	0.077	18.99	0.079
10	16QAM	25	25	19.00	0.079	18.86	0.077	18.77	0.075
10	16QAM	50	0	18.90	0.078	18.89	0.077	18.79	0.076
10	64QAM	1	0	18.88	0.077	19.05	0.080	19.13	0.082
10	64QAM	1	25	19.09	0.081	18.95	0.079	19.00	0.079
10	64QAM	1	49	19.08	0.081	18.75	0.075	19.03	0.080
10	64QAM	25	0	18.85	0.077	18.88	0.077	19.02	0.080
10	64QAM	25	12	19.01	0.080	19.00	0.079	18.90	0.078
10	64QAM	25	25	19.06	0.081	18.74	0.075	18.76	0.075
10	64QAM	50	0	18.93	0.078	18.82	0.076	18.79	0.076



LTE Band 5				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20425		20525		20625	
Frequency (MHz)				826.5		836.5		846.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	19.92	0.098	20.04	0.101	19.87	0.097
5	QPSK	1	12	19.91	0.098	19.91	0.098	19.87	0.097
5	QPSK	1	24	19.84	0.096	19.82	0.096	19.78	0.095
5	QPSK	12	0	19.07	0.081	19.08	0.081	18.94	0.078
5	QPSK	12	7	18.98	0.079	18.90	0.078	18.84	0.077
5	QPSK	12	13	18.98	0.079	18.91	0.078	18.79	0.076
5	QPSK	25	0	18.93	0.078	18.92	0.078	18.81	0.076
5	16QAM	1	0	18.91	0.078	19.04	0.080	18.73	0.075
5	16QAM	1	12	19.16	0.082	19.02	0.080	19.02	0.080
5	16QAM	1	24	18.88	0.077	18.98	0.079	19.18	0.083
5	16QAM	12	0	18.91	0.078	18.82	0.076	18.82	0.076
5	16QAM	12	7	19.03	0.080	18.93	0.078	18.88	0.077
5	16QAM	12	13	18.96	0.079	18.86	0.077	18.64	0.073
5	16QAM	25	0	18.95	0.079	18.77	0.075	18.66	0.073
5	64QAM	1	0	19.09	0.081	18.93	0.078	18.88	0.077
5	64QAM	1	12	19.15	0.082	19.08	0.081	19.09	0.081
5	64QAM	1	24	19.08	0.081	18.70	0.074	18.88	0.077
5	64QAM	12	0	18.87	0.077	18.71	0.074	18.76	0.075
5	64QAM	12	7	18.94	0.078	18.95	0.079	18.78	0.076
5	64QAM	12	13	18.87	0.077	18.84	0.077	18.75	0.075
5	64QAM	25	0	18.85	0.077	18.89	0.077	18.82	0.076



LTE Band 5				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20415		20525		20635	
Frequency (MHz)				825.5		836.5		847.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	19.83	0.096	19.94	0.099	19.76	0.095
3	QPSK	1	8	19.90	0.098	19.82	0.096	19.77	0.095
3	QPSK	1	14	19.86	0.097	19.80	0.095	19.87	0.097
3	QPSK	8	0	18.96	0.079	19.08	0.081	18.96	0.079
3	QPSK	8	4	18.96	0.079	18.84	0.077	18.95	0.079
3	QPSK	8	7	18.99	0.079	18.90	0.078	18.77	0.075
3	QPSK	15	0	18.90	0.078	18.81	0.076	18.90	0.078
3	16QAM	1	0	18.83	0.076	18.95	0.079	18.84	0.077
3	16QAM	1	8	18.85	0.077	18.85	0.077	18.85	0.077
3	16QAM	1	14	18.86	0.077	18.70	0.074	18.69	0.074
3	16QAM	8	0	18.89	0.077	18.68	0.074	18.91	0.078
3	16QAM	8	4	18.96	0.079	18.89	0.077	18.81	0.076
3	16QAM	8	7	18.95	0.079	18.76	0.075	18.78	0.076
3	16QAM	15	0	18.83	0.076	18.76	0.075	18.96	0.079
3	64QAM	1	0	19.09	0.081	18.93	0.078	18.94	0.078
3	64QAM	1	8	19.01	0.080	19.17	0.083	18.93	0.078
3	64QAM	1	14	19.04	0.080	18.71	0.074	18.83	0.076
3	64QAM	8	0	19.00	0.079	19.04	0.080	18.85	0.077
3	64QAM	8	4	18.92	0.078	18.99	0.079	19.01	0.080
3	64QAM	8	7	19.04	0.080	18.86	0.077	18.86	0.077
3	64QAM	15	0	19.04	0.080	18.96	0.079	19.02	0.080



LTE Band 5				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20407		20525		20643	
Frequency (MHz)				824.7		836.5		848.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	19.92	0.098	19.93	0.098	19.90	0.098
1.4	QPSK	1	3	19.92	0.098	19.83	0.096	19.80	0.095
1.4	QPSK	1	5	19.82	0.096	19.76	0.095	19.88	0.097
1.4	QPSK	3	0	18.85	0.077	18.96	0.079	18.89	0.077
1.4	QPSK	3	1	18.72	0.074	18.80	0.076	18.72	0.074
1.4	QPSK	3	3	18.85	0.077	18.81	0.076	18.80	0.076
1.4	QPSK	6	0	19.15	0.082	19.00	0.079	19.07	0.081
1.4	16QAM	1	0	19.03	0.080	18.84	0.077	19.06	0.081
1.4	16QAM	1	3	19.20	0.083	19.06	0.081	19.13	0.082
1.4	16QAM	1	5	18.99	0.079	19.15	0.082	19.07	0.081
1.4	16QAM	3	0	19.12	0.082	19.03	0.080	19.03	0.080
1.4	16QAM	3	1	19.02	0.080	19.17	0.083	19.03	0.080
1.4	16QAM	3	3	19.06	0.081	18.92	0.078	18.91	0.078
1.4	16QAM	6	0	18.98	0.079	18.95	0.079	19.00	0.079
1.4	64QAM	1	0	19.02	0.080	19.09	0.081	18.93	0.078
1.4	64QAM	1	3	18.93	0.078	19.01	0.080	19.11	0.081
1.4	64QAM	1	5	19.03	0.080	19.04	0.080	18.93	0.078
1.4	64QAM	3	0	18.97	0.079	19.09	0.081	18.98	0.079
1.4	64QAM	3	1	19.04	0.080	19.01	0.080	19.16	0.082
1.4	64QAM	3	3	18.91	0.078	18.90	0.078	18.93	0.078
1.4	64QAM	6	0	18.93	0.078	18.93	0.078	18.91	0.078



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	20.92	0.124	21.06	0.128	21.03	0.127
20	QPSK	1	49	21.01	0.126	21.00	0.126	21.01	0.126
20	QPSK	1	99	20.89	0.123	20.95	0.124	21.00	0.126
20	QPSK	50	0	20.12	0.103	20.26	0.106	20.06	0.101
20	QPSK	50	24	20.11	0.103	20.16	0.104	20.15	0.104
20	QPSK	50	50	20.20	0.105	20.19	0.104	20.15	0.104
20	QPSK	100	0	20.17	0.104	20.14	0.103	20.11	0.103
20	16QAM	1	0	20.13	0.103	20.24	0.106	20.22	0.105
20	16QAM	1	49	20.25	0.106	20.13	0.103	20.06	0.101
20	16QAM	1	99	20.29	0.107	20.10	0.102	20.19	0.104
20	16QAM	50	0	19.93	0.098	20.04	0.101	20.05	0.101
20	16QAM	50	24	20.11	0.103	20.02	0.100	20.07	0.102
20	16QAM	50	50	20.17	0.104	20.13	0.103	20.09	0.102
20	16QAM	100	0	20.08	0.102	20.00	0.100	20.02	0.100
20	64QAM	1	0	20.18	0.104	20.20	0.105	20.20	0.105
20	64QAM	1	49	20.12	0.103	20.15	0.104	20.17	0.104
20	64QAM	1	99	20.22	0.105	20.18	0.104	20.14	0.103
20	64QAM	50	0	19.89	0.097	20.13	0.103	20.02	0.100
20	64QAM	50	24	20.03	0.101	20.04	0.101	20.06	0.101
20	64QAM	50	50	20.10	0.102	20.07	0.102	20.06	0.101
20	64QAM	100	0	20.01	0.100	20.07	0.102	20.02	0.100



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	21.02	0.126	21.04	0.127	20.95	0.124
15	QPSK	1	37	20.99	0.126	20.96	0.125	21.00	0.126
15	QPSK	1	74	20.99	0.126	20.94	0.124	21.02	0.126
15	QPSK	36	0	20.04	0.101	20.24	0.106	20.09	0.102
15	QPSK	36	20	20.05	0.101	20.17	0.104	20.09	0.102
15	QPSK	36	39	20.15	0.104	20.12	0.103	20.07	0.102
15	QPSK	75	0	20.14	0.103	20.08	0.102	20.04	0.101
15	16QAM	1	0	20.29	0.107	19.86	0.097	20.07	0.102
15	16QAM	1	37	19.96	0.099	20.27	0.106	20.21	0.105
15	16QAM	1	74	20.28	0.107	20.18	0.104	20.26	0.106
15	16QAM	36	0	20.03	0.101	20.00	0.100	20.02	0.100
15	16QAM	36	20	20.04	0.101	20.03	0.101	20.14	0.103
15	16QAM	36	39	20.06	0.101	19.99	0.100	20.10	0.102
15	16QAM	75	0	20.16	0.104	20.11	0.103	20.01	0.100
15	64QAM	1	0	20.20	0.105	20.26	0.106	20.18	0.104
15	64QAM	1	37	20.27	0.106	20.29	0.107	20.13	0.103
15	64QAM	1	74	20.11	0.103	20.14	0.103	20.11	0.103
15	64QAM	36	0	19.98	0.100	19.97	0.099	20.07	0.102
15	64QAM	36	20	20.01	0.100	20.17	0.104	20.03	0.101
15	64QAM	36	39	20.12	0.103	20.04	0.101	20.01	0.100
15	64QAM	75	0	20.10	0.102	20.10	0.102	20.08	0.102



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	20.94	0.124	20.98	0.125	20.81	0.121
10	QPSK	1	25	20.91	0.123	20.83	0.121	20.96	0.125
10	QPSK	1	49	20.94	0.124	20.84	0.121	20.80	0.120
10	QPSK	25	0	20.00	0.100	20.16	0.104	20.10	0.102
10	QPSK	25	12	20.02	0.100	20.06	0.101	19.96	0.099
10	QPSK	25	25	20.05	0.101	20.02	0.100	20.15	0.104
10	QPSK	50	0	20.14	0.103	19.96	0.099	20.06	0.101
10	16QAM	1	0	19.97	0.099	20.23	0.105	20.03	0.101
10	16QAM	1	25	20.00	0.100	20.11	0.103	20.09	0.102
10	16QAM	1	49	20.07	0.102	19.78	0.095	20.06	0.101
10	16QAM	25	0	19.92	0.098	19.97	0.099	20.15	0.104
10	16QAM	25	12	19.99	0.100	20.04	0.101	20.08	0.102
10	16QAM	25	25	20.02	0.100	20.02	0.100	20.13	0.103
10	16QAM	50	0	20.10	0.102	19.88	0.097	20.05	0.101
10	64QAM	1	0	19.99	0.100	19.96	0.099	20.12	0.103
10	64QAM	1	25	20.10	0.102	20.11	0.103	19.97	0.099
10	64QAM	1	49	20.06	0.101	19.90	0.098	20.02	0.100
10	64QAM	25	0	19.96	0.099	19.91	0.098	20.00	0.100
10	64QAM	25	12	19.86	0.097	19.99	0.100	20.06	0.101
10	64QAM	25	25	20.08	0.102	19.99	0.100	20.14	0.103
10	64QAM	50	0	20.09	0.102	19.92	0.098	20.04	0.101



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	20.85	0.122	21.04	0.127	20.88	0.122
5	QPSK	1	12	20.95	0.124	20.93	0.124	20.77	0.119
5	QPSK	1	24	20.83	0.121	20.96	0.125	20.96	0.125
5	QPSK	12	0	19.94	0.099	20.16	0.104	20.06	0.101
5	QPSK	12	7	20.15	0.104	20.05	0.101	20.14	0.103
5	QPSK	12	13	19.96	0.099	20.01	0.100	20.09	0.102
5	QPSK	25	0	20.06	0.101	20.04	0.101	20.08	0.102
5	16QAM	1	0	20.23	0.105	20.01	0.100	19.95	0.099
5	16QAM	1	12	20.09	0.102	20.17	0.104	20.10	0.102
5	16QAM	1	24	20.23	0.105	19.96	0.099	20.06	0.101
5	16QAM	12	0	19.99	0.100	19.98	0.100	20.07	0.102
5	16QAM	12	7	19.96	0.099	20.06	0.101	20.09	0.102
5	16QAM	12	13	20.02	0.100	19.93	0.098	20.05	0.101
5	16QAM	25	0	20.05	0.101	20.00	0.100	19.94	0.099
5	64QAM	1	0	20.24	0.106	19.91	0.098	19.96	0.099
5	64QAM	1	12	20.10	0.102	20.21	0.105	20.25	0.106
5	64QAM	1	24	19.78	0.095	20.01	0.100	20.00	0.100
5	64QAM	12	0	19.94	0.099	20.03	0.101	20.11	0.103
5	64QAM	12	7	20.02	0.100	20.25	0.106	20.01	0.100
5	64QAM	12	13	20.11	0.103	20.19	0.104	20.01	0.100
5	64QAM	25	0	20.19	0.104	20.24	0.106	19.97	0.099



LTE Band 13				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				/		23230		/	
Frequency (MHz)				/		782		/	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	/	/	19.65	0.092	/	/
10	QPSK	1	25	/	/	19.37	0.086	/	/
10	QPSK	1	49	/	/	19.47	0.089	/	/
10	QPSK	25	0	/	/	18.65	0.073	/	/
10	QPSK	25	12	/	/	18.50	0.071	/	/
10	QPSK	25	25	/	/	18.56	0.072	/	/
10	QPSK	50	0	/	/	18.50	0.071	/	/
10	16QAM	1	0	/	/	18.62	0.073	/	/
10	16QAM	1	25	/	/	18.55	0.072	/	/
10	16QAM	1	49	/	/	18.64	0.073	/	/
10	16QAM	25	0	/	/	18.44	0.070	/	/
10	16QAM	25	12	/	/	18.40	0.069	/	/
10	16QAM	25	25	/	/	18.49	0.071	/	/
10	16QAM	50	0	/	/	18.46	0.070	/	/
10	64QAM	1	0	/	/	18.45	0.070	/	/
10	64QAM	1	25	/	/	18.52	0.071	/	/
10	64QAM	1	49	/	/	18.43	0.070	/	/
10	64QAM	25	0	/	/	18.33	0.068	/	/
10	64QAM	25	12	/	/	18.55	0.072	/	/
10	64QAM	25	25	/	/	18.54	0.071	/	/
10	64QAM	50	0	/	/	18.48	0.070	/	/



LTE Band 13				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23205		23230		23255	
Frequency (MHz)				779.5		782		784.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	19.45	0.088	19.58	0.091	19.41	0.087
5	QPSK	1	12	19.51	0.089	19.48	0.089	19.44	0.088
5	QPSK	1	24	19.45	0.088	19.37	0.086	19.44	0.088
5	QPSK	12	0	18.38	0.069	18.49	0.071	18.48	0.070
5	QPSK	12	7	18.40	0.069	18.34	0.068	18.31	0.068
5	QPSK	12	13	18.38	0.069	18.36	0.069	18.34	0.068
5	QPSK	25	0	18.38	0.069	18.26	0.067	18.35	0.068
5	16QAM	1	0	18.36	0.069	18.60	0.072	18.58	0.072
5	16QAM	1	12	18.53	0.071	18.59	0.072	18.49	0.071
5	16QAM	1	24	18.51	0.071	18.40	0.069	18.23	0.067
5	16QAM	12	0	18.41	0.069	18.44	0.070	18.35	0.068
5	16QAM	12	7	18.31	0.068	18.48	0.070	18.39	0.069
5	16QAM	12	13	18.38	0.069	18.34	0.068	18.34	0.068
5	16QAM	25	0	18.37	0.069	18.33	0.068	18.35	0.068
5	64QAM	1	0	18.47	0.070	18.29	0.067	18.33	0.068
5	64QAM	1	12	18.50	0.071	18.50	0.071	18.72	0.074
5	64QAM	1	24	18.28	0.067	18.41	0.069	18.25	0.067
5	64QAM	12	0	18.27	0.067	18.27	0.067	18.31	0.068
5	64QAM	12	7	18.31	0.068	18.31	0.068	18.31	0.068
5	64QAM	12	13	18.43	0.070	18.25	0.067	18.33	0.068
5	64QAM	25	0	18.39	0.069	18.28	0.067	18.41	0.069



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	19.88	0.097	19.80	0.095	19.72	0.094
15	QPSK	1	37	19.70	0.093	19.65	0.092	19.78	0.095
15	QPSK	1	74	19.67	0.093	19.61	0.091	19.67	0.093
15	QPSK	36	0	18.91	0.078	18.90	0.078	18.66	0.073
15	QPSK	36	20	18.76	0.075	18.69	0.074	18.68	0.074
15	QPSK	36	39	18.78	0.076	18.77	0.075	18.75	0.075
15	QPSK	75	0	18.60	0.072	18.54	0.071	18.60	0.072
15	16QAM	1	0	18.67	0.074	18.65	0.073	18.92	0.078
15	16QAM	1	37	18.82	0.076	18.78	0.076	18.89	0.077
15	16QAM	1	74	18.70	0.074	18.61	0.073	18.78	0.076
15	16QAM	36	0	18.69	0.074	18.68	0.074	18.76	0.075
15	16QAM	36	20	18.70	0.074	18.67	0.074	18.83	0.076
15	16QAM	36	39	18.61	0.073	18.49	0.071	18.73	0.075
15	16QAM	75	0	18.65	0.073	18.53	0.071	18.74	0.075
15	64QAM	1	0	19.08	0.081	19.00	0.079	18.68	0.074
15	64QAM	1	37	18.79	0.076	18.70	0.074	18.92	0.078
15	64QAM	1	74	18.98	0.079	18.89	0.077	18.72	0.074
15	64QAM	36	0	18.88	0.077	18.78	0.076	18.75	0.075
15	64QAM	36	20	18.79	0.076	18.67	0.074	18.87	0.077
15	64QAM	36	39	18.76	0.075	18.67	0.074	18.77	0.075
15	64QAM	75	0	18.77	0.075	18.76	0.075	18.84	0.077



LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26840		26915		26990	
Frequency (MHz)				829.0		836.5		844.0	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	19.75	0.094	19.73	0.094	19.81	0.096
10	QPSK	1	25	19.71	0.094	19.70	0.093	19.74	0.094
10	QPSK	1	49	19.64	0.092	19.59	0.091	19.68	0.093
10	QPSK	25	0	18.70	0.074	18.66	0.073	18.75	0.075
10	QPSK	25	12	18.73	0.075	18.69	0.074	18.74	0.075
10	QPSK	25	25	18.59	0.072	18.49	0.071	18.60	0.072
10	QPSK	50	0	18.56	0.072	18.56	0.072	18.65	0.073
10	16QAM	1	0	18.90	0.078	18.96	0.079	19.01	0.080
10	16QAM	1	25	18.98	0.079	19.05	0.080	19.10	0.081
10	16QAM	1	49	18.80	0.076	18.74	0.075	18.81	0.076
10	16QAM	25	0	18.69	0.074	18.59	0.072	18.71	0.074
10	16QAM	25	12	18.76	0.075	18.76	0.075	18.78	0.076
10	16QAM	25	25	18.68	0.074	18.66	0.073	18.75	0.075
10	16QAM	50	0	18.74	0.075	18.75	0.075	18.76	0.075
10	64QAM	1	0	18.74	0.075	18.76	0.075	18.78	0.076
10	64QAM	1	25	18.89	0.077	18.81	0.076	18.93	0.078
10	64QAM	1	49	18.55	0.072	18.58	0.072	18.63	0.073
10	64QAM	25	0	18.71	0.074	18.70	0.074	18.81	0.076
10	64QAM	25	12	18.65	0.073	18.67	0.074	18.72	0.074
10	64QAM	25	25	18.67	0.074	18.63	0.073	18.69	0.074
10	64QAM	50	0	18.60	0.072	18.54	0.071	18.66	0.073



LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26815		26915		27015	
Frequency (MHz)				826.5		836.5		846.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	19.67	0.093	19.68	0.093	19.69	0.093
5	QPSK	1	12	19.72	0.094	19.68	0.093	19.75	0.094
5	QPSK	1	24	19.67	0.093	19.70	0.093	19.76	0.095
5	QPSK	12	0	18.68	0.074	18.76	0.075	18.80	0.076
5	QPSK	12	7	18.84	0.077	18.78	0.076	18.89	0.077
5	QPSK	12	13	18.73	0.075	18.82	0.076	18.84	0.077
5	QPSK	25	0	18.70	0.074	18.70	0.074	18.79	0.076
5	16QAM	1	0	18.77	0.075	18.78	0.076	18.80	0.076
5	16QAM	1	12	18.96	0.079	18.97	0.079	19.00	0.079
5	16QAM	1	24	18.91	0.078	18.94	0.078	19.00	0.079
5	16QAM	12	0	18.56	0.072	18.60	0.072	18.63	0.073
5	16QAM	12	7	18.63	0.073	18.67	0.074	18.75	0.075
5	16QAM	12	13	18.59	0.072	18.60	0.072	18.70	0.074
5	16QAM	25	0	18.71	0.074	18.64	0.073	18.75	0.075
5	64QAM	1	0	18.59	0.072	18.69	0.074	18.70	0.074
5	64QAM	1	12	18.91	0.078	18.88	0.077	18.96	0.079
5	64QAM	1	24	18.73	0.075	18.67	0.074	18.79	0.076
5	64QAM	12	0	18.70	0.074	18.68	0.074	18.72	0.074
5	64QAM	12	7	18.86	0.077	18.79	0.076	18.89	0.077
5	64QAM	12	13	18.66	0.073	18.60	0.072	18.68	0.074
5	64QAM	25	0	18.67	0.074	18.60	0.072	18.69	0.074



LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26805		26915		27025	
Frequency (MHz)				825.5		836.5		847.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	19.60	0.091	19.69	0.093	19.70	0.093
3	QPSK	1	8	19.67	0.093	19.69	0.093	19.77	0.095
3	QPSK	1	14	19.75	0.094	19.66	0.092	19.76	0.095
3	QPSK	8	0	18.90	0.078	18.82	0.076	18.92	0.078
3	QPSK	8	4	18.77	0.075	18.79	0.076	18.84	0.077
3	QPSK	8	7	18.58	0.072	18.60	0.072	18.68	0.074
3	QPSK	15	0	18.70	0.074	18.70	0.074	18.77	0.075
3	16QAM	1	0	18.82	0.076	18.86	0.077	18.88	0.077
3	16QAM	1	8	18.65	0.073	18.70	0.074	18.77	0.075
3	16QAM	1	14	18.54	0.071	18.53	0.071	18.63	0.073
3	16QAM	8	0	18.65	0.073	18.67	0.074	18.72	0.074
3	16QAM	8	4	18.64	0.073	18.60	0.072	18.71	0.074
3	16QAM	8	7	18.68	0.074	18.64	0.073	18.72	0.074
3	16QAM	15	0	18.54	0.071	18.56	0.072	18.65	0.073
3	64QAM	1	0	18.55	0.072	18.61	0.073	18.66	0.073
3	64QAM	1	8	18.65	0.073	18.56	0.072	18.67	0.074
3	64QAM	1	14	18.81	0.076	18.76	0.075	18.82	0.076
3	64QAM	8	0	18.65	0.073	18.61	0.073	18.73	0.075
3	64QAM	8	4	18.82	0.076	18.80	0.076	18.85	0.077
3	64QAM	8	7	18.78	0.076	18.77	0.075	18.82	0.076
3	64QAM	15	0	18.61	0.073	18.69	0.074	18.71	0.074



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	19.65	0.092	19.63	0.092	19.66	0.092
1.4	QPSK	1	3	19.65	0.092	19.72	0.094	19.77	0.095
1.4	QPSK	1	5	19.69	0.093	19.74	0.094	19.77	0.095
1.4	QPSK	3	0	18.85	0.077	18.88	0.077	18.89	0.077
1.4	QPSK	3	1	18.89	0.077	18.81	0.076	18.92	0.078
1.4	QPSK	3	3	18.84	0.077	18.84	0.077	18.88	0.077
1.4	QPSK	6	0	18.69	0.074	18.65	0.073	18.76	0.075
1.4	16QAM	1	0	18.78	0.076	18.71	0.074	18.81	0.076
1.4	16QAM	1	3	18.76	0.075	18.79	0.076	18.87	0.077
1.4	16QAM	1	5	18.60	0.072	18.60	0.072	18.64	0.073
1.4	16QAM	3	0	18.75	0.075	18.66	0.073	18.77	0.075
1.4	16QAM	3	1	18.72	0.074	18.72	0.074	18.83	0.076
1.4	16QAM	3	3	18.57	0.072	18.55	0.072	18.64	0.073
1.4	16QAM	6	0	18.83	0.076	18.84	0.077	18.88	0.077
1.4	64QAM	1	0	18.59	0.072	18.58	0.072	18.69	0.074
1.4	64QAM	1	3	18.78	0.076	18.79	0.076	18.87	0.077
1.4	64QAM	1	5	18.64	0.073	18.65	0.073	18.74	0.075
1.4	64QAM	3	0	18.68	0.074	18.68	0.074	18.70	0.074
1.4	64QAM	3	1	18.69	0.074	18.79	0.076	18.81	0.076
1.4	64QAM	3	3	18.62	0.073	18.56	0.072	18.66	0.073
1.4	64QAM	6	0	18.71	0.074	18.72	0.074	18.79	0.076



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	17.79	0.060	18.00	0.063	17.83	0.061
20	QPSK	1	49	17.86	0.061	17.85	0.061	17.87	0.061
20	QPSK	1	99	17.77	0.060	17.79	0.060	17.69	0.059
20	QPSK	50	0	16.90	0.049	16.96	0.050	16.86	0.049
20	QPSK	50	24	16.87	0.049	16.93	0.049	16.87	0.049
20	QPSK	50	50	16.87	0.049	16.91	0.049	16.85	0.048
20	QPSK	100	0	16.83	0.048	16.83	0.048	16.89	0.049
20	16QAM	1	0	17.00	0.050	16.88	0.049	17.07	0.051
20	16QAM	1	49	17.29	0.054	17.01	0.050	17.03	0.050
20	16QAM	1	99	17.03	0.050	16.98	0.050	16.90	0.049
20	16QAM	50	0	16.93	0.049	16.95	0.050	16.82	0.048
20	16QAM	50	24	16.99	0.050	16.94	0.049	16.98	0.050
20	16QAM	50	50	16.96	0.050	16.91	0.049	16.92	0.049
20	16QAM	100	0	16.92	0.049	16.97	0.050	16.89	0.049
20	64QAM	1	0	16.87	0.049	16.82	0.048	16.84	0.048
20	64QAM	1	49	16.84	0.048	17.21	0.053	17.06	0.051
20	64QAM	1	99	16.94	0.049	16.95	0.050	16.86	0.049
20	64QAM	50	0	16.89	0.049	16.89	0.049	16.85	0.048
20	64QAM	50	24	17.07	0.051	17.03	0.050	16.95	0.050
20	64QAM	50	50	16.97	0.050	16.88	0.049	16.89	0.049
20	64QAM	100	0	16.91	0.049	16.94	0.049	16.89	0.049



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	17.81	0.060	17.98	0.063	17.94	0.062
15	QPSK	1	37	17.93	0.062	17.90	0.062	17.84	0.061
15	QPSK	1	74	17.84	0.061	17.92	0.062	17.92	0.062
15	QPSK	36	0	16.89	0.049	16.91	0.049	16.89	0.049
15	QPSK	36	20	16.86	0.049	16.81	0.048	16.82	0.048
15	QPSK	36	39	16.91	0.049	16.95	0.050	16.98	0.050
15	QPSK	75	0	16.83	0.048	16.90	0.049	16.84	0.048
15	16QAM	1	0	16.85	0.048	16.83	0.048	16.88	0.049
15	16QAM	1	37	17.03	0.050	16.81	0.048	16.93	0.049
15	16QAM	1	74	16.82	0.048	16.92	0.049	16.95	0.050
15	16QAM	36	0	16.93	0.049	16.85	0.048	16.88	0.049
15	16QAM	36	20	16.85	0.048	16.87	0.049	16.90	0.049
15	16QAM	36	39	16.97	0.050	16.93	0.049	16.90	0.049
15	16QAM	75	0	16.98	0.050	16.86	0.049	16.85	0.048
15	64QAM	1	0	16.86	0.049	17.12	0.052	17.09	0.051
15	64QAM	1	37	16.92	0.049	17.00	0.050	17.02	0.050
15	64QAM	1	74	16.90	0.049	17.18	0.052	16.82	0.048
15	64QAM	36	0	16.86	0.049	16.99	0.050	16.98	0.050
15	64QAM	36	20	16.85	0.048	16.97	0.050	16.89	0.049
15	64QAM	36	39	16.86	0.049	16.90	0.049	16.90	0.049
15	64QAM	75	0	16.90	0.049	16.87	0.049	16.95	0.050



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	17.85	0.061	17.92	0.062	17.83	0.061
10	QPSK	1	25	17.91	0.062	17.85	0.061	17.89	0.062
10	QPSK	1	49	17.91	0.062	17.83	0.061	17.80	0.060
10	QPSK	25	0	16.84	0.048	16.91	0.049	16.84	0.048
10	QPSK	25	12	16.89	0.049	16.88	0.049	16.84	0.048
10	QPSK	25	25	16.89	0.049	16.88	0.049	16.81	0.048
10	QPSK	50	0	16.88	0.049	16.87	0.049	16.87	0.049
10	16QAM	1	0	16.90	0.049	16.95	0.050	16.96	0.050
10	16QAM	1	25	17.17	0.052	16.87	0.049	16.97	0.050
10	16QAM	1	49	16.91	0.049	17.09	0.051	17.01	0.050
10	16QAM	25	0	16.98	0.050	17.01	0.050	16.99	0.050
10	16QAM	25	12	17.11	0.051	17.09	0.051	16.96	0.050
10	16QAM	25	25	17.00	0.050	17.02	0.050	16.89	0.049
10	16QAM	50	0	17.03	0.050	17.01	0.050	16.95	0.050
10	64QAM	1	0	17.21	0.053	16.88	0.049	17.08	0.051
10	64QAM	1	25	16.92	0.049	16.99	0.050	17.10	0.051
10	64QAM	1	49	16.86	0.049	16.84	0.048	16.98	0.050
10	64QAM	25	0	16.98	0.050	16.94	0.049	16.88	0.049
10	64QAM	25	12	16.91	0.049	17.08	0.051	17.00	0.050
10	64QAM	25	25	16.97	0.050	17.04	0.051	17.00	0.050
10	64QAM	50	0	16.86	0.049	16.86	0.049	16.89	0.049



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	17.79	0.060	17.89	0.062	17.85	0.061
5	QPSK	1	12	17.87	0.061	17.83	0.061	17.80	0.060
5	QPSK	1	24	17.86	0.061	17.85	0.061	17.70	0.059
5	QPSK	12	0	16.85	0.048	16.92	0.049	16.87	0.049
5	QPSK	12	7	16.89	0.049	16.84	0.048	16.81	0.048
5	QPSK	12	13	16.84	0.048	16.87	0.049	16.80	0.048
5	QPSK	25	0	16.82	0.048	16.86	0.049	16.89	0.049
5	16QAM	1	0	16.83	0.048	17.08	0.051	16.96	0.050
5	16QAM	1	12	16.87	0.049	17.19	0.052	16.80	0.048
5	16QAM	1	24	16.81	0.048	16.90	0.049	16.99	0.050
5	16QAM	12	0	16.89	0.049	16.93	0.049	16.98	0.050
5	16QAM	12	7	17.11	0.051	16.95	0.050	16.87	0.049
5	16QAM	12	13	16.91	0.049	16.97	0.050	16.91	0.049
5	16QAM	25	0	17.02	0.050	17.02	0.050	16.90	0.049
5	64QAM	1	0	16.85	0.048	16.98	0.050	16.89	0.049
5	64QAM	1	12	17.19	0.052	17.07	0.051	17.23	0.053
5	64QAM	1	24	17.03	0.050	16.89	0.049	16.93	0.049
5	64QAM	12	0	16.87	0.049	16.93	0.049	17.02	0.050
5	64QAM	12	7	17.00	0.050	16.92	0.049	16.87	0.049
5	64QAM	12	13	16.88	0.049	16.87	0.049	17.03	0.050
5	64QAM	25	0	16.90	0.049	16.96	0.050	16.99	0.050



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	17.84	0.061	17.95	0.062	17.93	0.062
3	QPSK	1	8	17.91	0.062	17.80	0.060	17.85	0.061
3	QPSK	1	14	17.81	0.060	17.76	0.060	17.85	0.061
3	QPSK	8	0	16.91	0.049	16.94	0.049	16.88	0.049
3	QPSK	8	4	16.95	0.050	16.93	0.049	16.92	0.049
3	QPSK	8	7	16.88	0.049	16.93	0.049	16.88	0.049
3	QPSK	15	0	16.92	0.049	16.91	0.049	16.86	0.049
3	16QAM	1	0	17.19	0.052	17.30	0.054	16.88	0.049
3	16QAM	1	8	17.28	0.053	17.25	0.053	16.97	0.050
3	16QAM	1	14	16.95	0.050	16.94	0.049	16.95	0.050
3	16QAM	8	0	16.96	0.050	17.01	0.050	16.84	0.048
3	16QAM	8	4	16.96	0.050	16.93	0.049	16.91	0.049
3	16QAM	8	7	16.89	0.049	17.01	0.050	16.94	0.049
3	16QAM	15	0	17.07	0.051	16.89	0.049	16.90	0.049
3	64QAM	1	0	16.88	0.049	16.89	0.049	16.93	0.049
3	64QAM	1	8	16.91	0.049	17.16	0.052	17.17	0.052
3	64QAM	1	14	16.89	0.049	16.89	0.049	17.12	0.052
3	64QAM	8	0	16.92	0.049	16.99	0.050	16.93	0.049
3	64QAM	8	4	17.02	0.050	16.99	0.050	16.87	0.049
3	64QAM	8	7	16.97	0.050	16.90	0.049	16.90	0.049
3	64QAM	15	0	16.92	0.049	16.92	0.049	17.02	0.050



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	17.83	0.061	17.92	0.062	17.87	0.061
1.4	QPSK	1	3	17.86	0.061	17.91	0.062	17.91	0.062
1.4	QPSK	1	5	17.86	0.061	17.74	0.059	17.85	0.061
1.4	QPSK	3	0	16.83	0.048	16.91	0.049	16.82	0.048
1.4	QPSK	3	1	16.85	0.048	16.87	0.049	16.88	0.049
1.4	QPSK	3	3	16.82	0.048	16.84	0.048	16.87	0.049
1.4	QPSK	6	0	16.84	0.048	16.86	0.049	16.83	0.048
1.4	16QAM	1	0	17.01	0.050	16.82	0.048	17.01	0.050
1.4	16QAM	1	3	17.06	0.051	16.92	0.049	17.08	0.051
1.4	16QAM	1	5	16.95	0.050	16.89	0.049	17.00	0.050
1.4	16QAM	3	0	17.05	0.051	17.08	0.051	16.88	0.049
1.4	16QAM	3	1	17.13	0.052	16.99	0.050	16.94	0.049
1.4	16QAM	3	3	16.99	0.050	17.02	0.050	16.93	0.049
1.4	16QAM	6	0	17.06	0.051	17.03	0.050	17.10	0.051
1.4	64QAM	1	0	16.92	0.049	16.94	0.049	16.85	0.048
1.4	64QAM	1	3	17.22	0.053	16.84	0.048	16.89	0.049
1.4	64QAM	1	5	17.12	0.052	16.82	0.048	16.96	0.050
1.4	64QAM	3	0	17.16	0.052	17.14	0.052	17.21	0.053
1.4	64QAM	3	1	17.26	0.053	17.22	0.053	17.24	0.053
1.4	64QAM	3	3	17.14	0.052	17.16	0.052	17.28	0.053
1.4	64QAM	6	0	17.18	0.052	17.23	0.053	17.01	0.050

**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	20.17	0.104	20.51	0.112	20.35	0.108
20	QPSK	1	49	20.42	0.110	20.46	0.111	20.21	0.105
20	QPSK	1	99	20.23	0.105	20.22	0.105	20.31	0.107
20	QPSK	50	0	19.64	0.092	19.70	0.093	19.63	0.092
20	QPSK	50	24	19.51	0.089	19.64	0.092	19.48	0.089
20	QPSK	50	50	19.48	0.089	19.64	0.092	19.56	0.090
20	QPSK	100	0	19.66	0.092	19.58	0.091	19.66	0.092
20	16QAM	1	0	19.78	0.095	19.82	0.096	19.57	0.091
20	16QAM	1	49	19.77	0.095	19.78	0.095	19.50	0.089
20	16QAM	1	99	19.48	0.089	19.60	0.091	19.87	0.097
20	16QAM	50	0	19.80	0.095	19.72	0.094	19.76	0.095
20	16QAM	50	24	19.73	0.094	19.75	0.094	19.76	0.095
20	16QAM	50	50	19.78	0.095	19.69	0.093	19.68	0.093
20	16QAM	100	0	19.68	0.093	19.74	0.094	19.75	0.094
20	64QAM	1	0	19.81	0.096	19.57	0.091	19.72	0.094
20	64QAM	1	49	19.73	0.094	19.75	0.094	19.58	0.091
20	64QAM	1	99	19.57	0.091	19.55	0.090	19.50	0.089
20	64QAM	50	0	19.67	0.093	19.53	0.090	19.56	0.090
20	64QAM	50	24	19.65	0.092	19.59	0.091	19.53	0.090
20	64QAM	50	50	19.66	0.092	19.48	0.089	19.74	0.094
20	64QAM	100	0	19.68	0.093	19.64	0.092	19.48	0.089



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	20.47	0.111	20.48	0.112	20.45	0.111
15	QPSK	1	37	20.31	0.107	20.38	0.109	20.20	0.105
15	QPSK	1	74	20.39	0.109	20.25	0.106	20.12	0.103
15	QPSK	36	0	19.65	0.092	19.68	0.093	19.54	0.090
15	QPSK	36	20	19.67	0.093	19.57	0.091	19.50	0.089
15	QPSK	36	39	19.64	0.092	19.53	0.090	19.49	0.089
15	QPSK	75	0	19.65	0.092	19.61	0.091	19.51	0.089
15	16QAM	1	0	19.96	0.099	19.53	0.090	19.77	0.095
15	16QAM	1	37	19.70	0.093	19.75	0.094	19.51	0.089
15	16QAM	1	74	19.72	0.094	19.59	0.091	19.64	0.092
15	16QAM	36	0	19.68	0.093	19.56	0.090	19.52	0.090
15	16QAM	36	20	19.69	0.093	19.54	0.090	19.51	0.089
15	16QAM	36	39	19.68	0.093	19.64	0.092	19.62	0.092
15	16QAM	75	0	19.69	0.093	19.50	0.089	19.52	0.090
15	64QAM	1	0	19.64	0.092	19.69	0.093	19.53	0.090
15	64QAM	1	37	19.57	0.091	19.51	0.089	19.83	0.096
15	64QAM	1	74	19.79	0.095	19.54	0.090	19.52	0.090
15	64QAM	36	0	19.66	0.092	19.52	0.090	19.50	0.089
15	64QAM	36	20	19.64	0.092	19.61	0.091	19.56	0.090
15	64QAM	36	39	19.70	0.093	19.56	0.090	19.51	0.089
15	64QAM	75	0	19.57	0.091	19.54	0.090	19.53	0.090



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	20.17	0.104	20.45	0.111	20.04	0.101
10	QPSK	1	25	20.35	0.108	20.23	0.105	20.14	0.103
10	QPSK	1	49	20.35	0.108	20.30	0.107	20.12	0.103
10	QPSK	25	0	19.54	0.090	19.61	0.091	19.53	0.090
10	QPSK	25	12	19.58	0.091	19.55	0.090	19.59	0.091
10	QPSK	25	25	19.58	0.091	19.48	0.089	19.52	0.090
10	QPSK	50	0	19.54	0.090	19.63	0.092	19.50	0.089
10	16QAM	1	0	19.51	0.089	19.68	0.093	19.67	0.093
10	16QAM	1	25	19.54	0.090	19.63	0.092	19.53	0.090
10	16QAM	1	49	19.64	0.092	19.56	0.090	19.65	0.092
10	16QAM	25	0	19.69	0.093	19.64	0.092	19.59	0.091
10	16QAM	25	12	19.76	0.095	19.70	0.093	19.53	0.090
10	16QAM	25	25	19.54	0.090	19.55	0.090	19.56	0.090
10	16QAM	50	0	19.73	0.094	19.48	0.089	19.63	0.092
10	64QAM	1	0	19.49	0.089	19.56	0.090	19.58	0.091
10	64QAM	1	25	19.77	0.095	19.75	0.094	19.56	0.090
10	64QAM	1	49	19.76	0.095	19.58	0.091	19.67	0.093
10	64QAM	25	0	19.75	0.094	19.63	0.092	19.63	0.092
10	64QAM	25	12	19.74	0.094	19.72	0.094	19.59	0.091
10	64QAM	25	25	19.68	0.093	19.56	0.090	19.54	0.090
10	64QAM	50	0	19.62	0.092	19.53	0.090	19.57	0.091



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	19.93	0.098	20.31	0.107	19.93	0.098
5	QPSK	1	12	20.16	0.104	20.19	0.104	20.01	0.100
5	QPSK	1	24	19.88	0.097	19.97	0.099	20.07	0.102
5	QPSK	12	0	19.62	0.092	19.69	0.093	19.48	0.089
5	QPSK	12	7	19.70	0.093	19.67	0.093	19.53	0.090
5	QPSK	12	13	19.55	0.090	19.53	0.090	19.60	0.091
5	QPSK	25	0	19.55	0.090	19.56	0.090	19.69	0.093
5	16QAM	1	0	19.50	0.089	19.60	0.091	19.60	0.091
5	16QAM	1	12	19.57	0.091	19.60	0.091	19.58	0.091
5	16QAM	1	24	19.67	0.093	19.49	0.089	19.50	0.089
5	16QAM	12	0	19.65	0.092	19.56	0.090	19.58	0.091
5	16QAM	12	7	19.75	0.094	19.65	0.092	19.62	0.092
5	16QAM	12	13	19.64	0.092	19.63	0.092	19.62	0.092
5	16QAM	25	0	19.60	0.091	19.66	0.092	19.60	0.091
5	64QAM	1	0	19.48	0.089	19.82	0.096	19.57	0.091
5	64QAM	1	12	19.52	0.090	19.70	0.093	19.77	0.095
5	64QAM	1	24	19.55	0.090	19.48	0.089	19.55	0.090
5	64QAM	12	0	19.62	0.092	19.56	0.090	19.64	0.092
5	64QAM	12	7	19.73	0.094	19.64	0.092	19.62	0.092
5	64QAM	12	13	19.58	0.091	19.58	0.091	19.58	0.091
5	64QAM	25	0	19.53	0.090	19.69	0.093	19.60	0.091



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	20.26	0.106	20.37	0.109	20.03	0.101
3	QPSK	1	8	20.29	0.107	20.11	0.103	20.07	0.102
3	QPSK	1	14	20.31	0.107	20.19	0.104	20.08	0.102
3	QPSK	8	0	19.62	0.092	19.69	0.093	19.58	0.091
3	QPSK	8	4	19.51	0.089	19.65	0.092	19.59	0.091
3	QPSK	8	7	19.49	0.089	19.62	0.092	19.67	0.093
3	QPSK	15	0	19.58	0.091	19.66	0.092	19.53	0.090
3	16QAM	1	0	19.61	0.091	19.66	0.092	19.67	0.093
3	16QAM	1	8	19.67	0.093	19.49	0.089	19.72	0.094
3	16QAM	1	14	19.78	0.095	19.86	0.097	19.56	0.090
3	16QAM	8	0	19.63	0.092	19.61	0.091	19.63	0.092
3	16QAM	8	4	19.76	0.095	19.67	0.093	19.67	0.093
3	16QAM	8	7	19.63	0.092	19.59	0.091	19.48	0.089
3	16QAM	15	0	19.58	0.091	19.61	0.091	19.59	0.091
3	64QAM	1	0	19.59	0.091	19.67	0.093	19.65	0.092
3	64QAM	1	8	19.66	0.092	19.56	0.090	19.52	0.090
3	64QAM	1	14	19.60	0.091	19.54	0.090	19.55	0.090
3	64QAM	8	0	19.67	0.093	19.66	0.092	19.49	0.089
3	64QAM	8	4	19.60	0.091	19.60	0.091	19.56	0.090
3	64QAM	8	7	19.59	0.091	19.57	0.091	19.52	0.090
3	64QAM	15	0	19.73	0.094	19.67	0.093	19.57	0.091



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	20.14	0.103	20.49	0.112	20.00	0.100
1.4	QPSK	1	3	20.32	0.108	20.17	0.104	20.14	0.103
1.4	QPSK	1	5	20.17	0.104	20.06	0.101	20.15	0.104
1.4	QPSK	3	0	19.53	0.090	19.61	0.091	19.56	0.090
1.4	QPSK	3	1	19.76	0.095	19.69	0.093	19.60	0.091
1.4	QPSK	3	3	19.59	0.091	19.62	0.092	19.56	0.090
1.4	QPSK	6	0	19.74	0.094	19.67	0.093	19.52	0.090
1.4	16QAM	1	0	19.92	0.098	19.82	0.096	19.67	0.093
1.4	16QAM	1	3	19.48	0.089	19.53	0.090	19.79	0.095
1.4	16QAM	1	5	19.56	0.090	19.69	0.093	19.50	0.089
1.4	16QAM	3	0	19.58	0.091	19.48	0.089	19.64	0.092
1.4	16QAM	3	1	19.62	0.092	19.56	0.090	19.60	0.091
1.4	16QAM	3	3	19.51	0.089	19.65	0.092	19.55	0.090
1.4	16QAM	6	0	19.72	0.094	19.60	0.091	19.55	0.090
1.4	64QAM	1	0	19.53	0.090	19.63	0.092	19.56	0.090
1.4	64QAM	1	3	19.65	0.092	19.66	0.092	19.61	0.091
1.4	64QAM	1	5	19.85	0.097	19.60	0.091	19.56	0.090
1.4	64QAM	3	0	19.59	0.091	19.52	0.090	19.48	0.089
1.4	64QAM	3	1	19.69	0.093	19.53	0.090	19.55	0.090
1.4	64QAM	3	3	19.65	0.092	19.55	0.090	19.60	0.091
1.4	64QAM	6	0	19.59	0.091	19.61	0.091	19.51	0.089



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	20.28	0.107	20.56	0.114	20.16	0.104
20	QPSK	1	49	20.38	0.109	20.30	0.107	20.31	0.107
20	QPSK	1	99	20.30	0.107	20.22	0.105	20.27	0.106
20	QPSK	50	0	19.70	0.093	19.97	0.099	19.91	0.098
20	QPSK	50	24	19.69	0.093	19.60	0.091	19.85	0.097
20	QPSK	50	50	19.88	0.097	19.71	0.094	19.69	0.093
20	QPSK	100	0	19.82	0.096	19.64	0.092	19.84	0.096
20	16QAM	1	0	19.66	0.092	19.60	0.091	19.72	0.094
20	16QAM	1	49	19.95	0.099	19.83	0.096	19.91	0.098
20	16QAM	1	99	19.80	0.095	19.59	0.091	19.63	0.092
20	16QAM	50	0	19.67	0.093	19.72	0.094	19.86	0.097
20	16QAM	50	24	19.77	0.095	19.63	0.092	19.80	0.095
20	16QAM	50	50	19.91	0.098	19.64	0.092	19.68	0.093
20	16QAM	100	0	19.77	0.095	19.68	0.093	19.92	0.098
20	64QAM	1	0	19.68	0.093	19.87	0.097	19.64	0.092
20	64QAM	1	49	19.80	0.095	19.77	0.095	19.76	0.095
20	64QAM	1	99	19.64	0.092	19.74	0.094	19.66	0.092
20	64QAM	50	0	19.70	0.093	19.75	0.094	19.87	0.097
20	64QAM	50	24	19.79	0.095	19.59	0.091	19.80	0.095
20	64QAM	50	50	19.76	0.095	19.60	0.091	19.72	0.094
20	64QAM	100	0	19.80	0.095	19.61	0.091	19.88	0.097



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	20.51	0.112	20.62	0.115	20.40	0.110
15	QPSK	1	37	20.51	0.112	20.50	0.112	20.60	0.115
15	QPSK	1	74	20.21	0.105	20.14	0.103	20.31	0.107
15	QPSK	36	0	19.66	0.092	19.67	0.093	19.76	0.095
15	QPSK	36	20	19.75	0.094	19.69	0.093	19.72	0.094
15	QPSK	36	39	19.76	0.095	19.62	0.092	19.68	0.093
15	QPSK	75	0	19.72	0.094	19.73	0.094	19.76	0.095
15	16QAM	1	0	19.74	0.094	19.73	0.094	19.77	0.095
15	16QAM	1	37	19.63	0.092	20.02	0.100	19.72	0.094
15	16QAM	1	74	19.89	0.097	19.63	0.092	19.75	0.094
15	16QAM	36	0	19.59	0.091	19.59	0.091	19.75	0.094
15	16QAM	36	20	19.64	0.092	19.70	0.093	19.75	0.094
15	16QAM	36	39	19.89	0.097	19.63	0.092	19.71	0.094
15	16QAM	75	0	19.83	0.096	19.66	0.092	19.79	0.095
15	64QAM	1	0	19.61	0.091	19.67	0.093	19.63	0.092
15	64QAM	1	37	19.76	0.095	19.65	0.092	19.66	0.092
15	64QAM	1	74	19.61	0.091	19.74	0.094	19.61	0.091
15	64QAM	36	0	19.69	0.093	19.74	0.094	19.77	0.095
15	64QAM	36	20	19.78	0.095	19.61	0.091	19.67	0.093
15	64QAM	36	39	19.69	0.093	19.60	0.091	19.74	0.094
15	64QAM	75	0	19.74	0.094	19.62	0.092	19.75	0.094



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	20.34	0.108	20.73	0.118	20.50	0.112
10	QPSK	1	25	20.57	0.114	20.56	0.114	20.58	0.114
10	QPSK	1	49	20.34	0.108	20.38	0.109	20.33	0.108
10	QPSK	25	0	19.88	0.097	19.73	0.094	19.82	0.096
10	QPSK	25	12	19.72	0.094	19.69	0.093	19.75	0.094
10	QPSK	25	25	19.81	0.096	19.75	0.094	19.74	0.094
10	QPSK	50	0	19.89	0.097	19.67	0.093	19.81	0.096
10	16QAM	1	0	19.94	0.099	19.76	0.095	19.72	0.094
10	16QAM	1	25	20.06	0.101	19.75	0.094	19.89	0.097
10	16QAM	1	49	19.74	0.094	19.59	0.091	19.82	0.096
10	16QAM	25	0	19.77	0.095	19.81	0.096	19.80	0.095
10	16QAM	25	12	19.78	0.095	19.69	0.093	19.77	0.095
10	16QAM	25	25	19.80	0.095	19.70	0.093	19.74	0.094
10	16QAM	50	0	19.86	0.097	19.64	0.092	19.78	0.095
10	64QAM	1	0	19.75	0.094	19.75	0.094	20.07	0.102
10	64QAM	1	25	19.85	0.097	19.71	0.094	19.76	0.095
10	64QAM	1	49	19.76	0.095	19.75	0.094	19.59	0.091
10	64QAM	25	0	19.77	0.095	19.81	0.096	19.92	0.098
10	64QAM	25	12	19.75	0.094	19.79	0.095	19.76	0.095
10	64QAM	25	25	19.78	0.095	19.71	0.094	19.80	0.095
10	64QAM	50	0	19.90	0.098	19.75	0.094	19.84	0.096



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	20.37	0.109	20.47	0.111	20.46	0.111
5	QPSK	1	12	20.42	0.110	20.40	0.110	20.39	0.109
5	QPSK	1	24	20.45	0.111	20.17	0.104	20.25	0.106
5	QPSK	12	0	19.76	0.095	19.66	0.092	19.76	0.095
5	QPSK	12	7	19.75	0.094	19.73	0.094	19.83	0.096
5	QPSK	12	13	19.67	0.093	19.59	0.091	19.72	0.094
5	QPSK	25	0	19.76	0.095	19.74	0.094	19.64	0.092
5	16QAM	1	0	20.00	0.100	19.88	0.097	19.87	0.097
5	16QAM	1	12	19.75	0.094	19.82	0.096	20.04	0.101
5	16QAM	1	24	19.95	0.099	19.83	0.096	19.70	0.093
5	16QAM	12	0	19.78	0.095	19.65	0.092	19.64	0.092
5	16QAM	12	7	19.72	0.094	19.73	0.094	19.84	0.096
5	16QAM	12	13	19.70	0.093	19.74	0.094	19.82	0.096
5	16QAM	25	0	19.82	0.096	19.59	0.091	19.85	0.097
5	64QAM	1	0	19.64	0.092	19.59	0.091	19.69	0.093
5	64QAM	1	12	20.03	0.101	19.65	0.092	19.76	0.095
5	64QAM	1	24	19.60	0.091	19.58	0.091	19.73	0.094
5	64QAM	12	0	19.67	0.093	19.58	0.091	19.58	0.091
5	64QAM	12	7	19.76	0.095	19.63	0.092	19.81	0.096
5	64QAM	12	13	19.67	0.093	19.61	0.091	19.67	0.093
5	64QAM	25	0	19.87	0.097	19.67	0.093	19.73	0.094



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	20.47	0.111	20.50	0.112	20.39	0.109
3	QPSK	1	8	20.45	0.111	20.42	0.110	20.43	0.110
3	QPSK	1	14	20.43	0.110	20.40	0.110	20.40	0.110
3	QPSK	8	0	19.71	0.094	19.77	0.095	19.58	0.091
3	QPSK	8	4	19.73	0.094	19.65	0.092	19.71	0.094
3	QPSK	8	7	19.76	0.095	19.66	0.092	19.64	0.092
3	QPSK	15	0	19.73	0.094	19.68	0.093	19.78	0.095
3	16QAM	1	0	19.77	0.095	19.74	0.094	19.89	0.097
3	16QAM	1	8	19.91	0.098	19.97	0.099	19.91	0.098
3	16QAM	1	14	19.82	0.096	19.77	0.095	19.86	0.097
3	16QAM	8	0	19.79	0.095	19.64	0.092	19.79	0.095
3	16QAM	8	4	19.90	0.098	19.75	0.094	19.90	0.098
3	16QAM	8	7	19.81	0.096	19.82	0.096	19.72	0.094
3	16QAM	15	0	19.64	0.092	19.74	0.094	19.78	0.095
3	64QAM	1	0	19.72	0.094	19.64	0.092	19.77	0.095
3	64QAM	1	8	19.72	0.094	19.77	0.095	19.83	0.096
3	64QAM	1	14	19.81	0.096	19.59	0.091	19.75	0.094
3	64QAM	8	0	19.75	0.094	19.58	0.091	19.74	0.094
3	64QAM	8	4	19.78	0.095	19.65	0.092	19.76	0.095
3	64QAM	8	7	19.71	0.094	19.69	0.093	19.73	0.094
3	64QAM	15	0	19.78	0.095	19.59	0.091	19.65	0.092



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				19957		20175		20393	
Frequency (MHz)				1710.7		1732.5		1754.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	20.53	0.113	20.55	0.114	20.35	0.108
1.4	QPSK	1	3	20.39	0.109	20.39	0.109	20.37	0.109
1.4	QPSK	1	5	20.44	0.111	20.33	0.108	20.36	0.109
1.4	QPSK	3	0	19.75	0.094	19.78	0.095	19.73	0.094
1.4	QPSK	3	1	19.72	0.094	19.77	0.095	19.85	0.097
1.4	QPSK	3	3	19.77	0.095	19.58	0.091	19.70	0.093
1.4	QPSK	6	0	19.76	0.095	19.71	0.094	19.79	0.095
1.4	16QAM	1	0	19.68	0.093	19.76	0.095	19.65	0.092
1.4	16QAM	1	3	19.93	0.098	19.79	0.095	19.82	0.096
1.4	16QAM	1	5	20.01	0.100	19.74	0.094	20.08	0.102
1.4	16QAM	3	0	19.66	0.092	19.64	0.092	19.68	0.093
1.4	16QAM	3	1	19.79	0.095	19.80	0.095	19.72	0.094
1.4	16QAM	3	3	19.65	0.092	19.76	0.095	19.69	0.093
1.4	16QAM	6	0	19.78	0.095	19.77	0.095	19.84	0.096
1.4	64QAM	1	0	19.79	0.095	19.67	0.093	19.84	0.096
1.4	64QAM	1	3	19.90	0.098	19.76	0.095	19.91	0.098
1.4	64QAM	1	5	19.66	0.092	19.61	0.091	19.71	0.094
1.4	64QAM	3	0	19.77	0.095	19.61	0.091	19.72	0.094
1.4	64QAM	3	1	19.74	0.094	19.71	0.094	19.66	0.092
1.4	64QAM	3	3	19.65	0.092	19.71	0.094	19.59	0.091
1.4	64QAM	6	0	19.73	0.094	19.82	0.096	19.73	0.094



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	17.58	0.057	17.74	0.059	17.42	0.055
10	QPSK	1	25	17.66	0.058	17.66	0.058	17.72	0.059
10	QPSK	1	49	17.59	0.057	17.61	0.058	17.51	0.056
10	QPSK	25	0	16.67	0.046	16.96	0.050	16.74	0.047
10	QPSK	25	12	16.69	0.047	16.64	0.046	16.70	0.047
10	QPSK	25	25	16.80	0.048	16.69	0.047	16.66	0.046
10	QPSK	50	0	16.71	0.047	16.67	0.046	16.60	0.046
10	16QAM	1	0	17.03	0.050	17.09	0.051	16.98	0.050
10	16QAM	1	25	17.06	0.051	17.06	0.051	17.00	0.050
10	16QAM	1	49	17.01	0.050	16.83	0.048	16.96	0.050
10	16QAM	25	0	16.84	0.048	16.71	0.047	16.93	0.049
10	16QAM	25	12	16.84	0.048	16.77	0.048	16.86	0.049
10	16QAM	25	25	16.88	0.049	16.74	0.047	16.64	0.046
10	16QAM	50	0	16.78	0.048	16.77	0.048	16.66	0.046
10	64QAM	1	0	16.76	0.047	16.93	0.049	17.00	0.050
10	64QAM	1	25	16.97	0.050	16.83	0.048	16.87	0.049
10	64QAM	1	49	16.96	0.050	16.63	0.046	16.90	0.049
10	64QAM	25	0	16.73	0.047	16.76	0.047	16.89	0.049
10	64QAM	25	12	16.89	0.049	16.88	0.049	16.77	0.048
10	64QAM	25	25	16.94	0.049	16.62	0.046	16.63	0.046
10	64QAM	50	0	16.81	0.048	16.70	0.047	16.66	0.046



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	17.58	0.057	17.70	0.059	17.41	0.055
5	QPSK	1	12	17.57	0.057	17.57	0.057	17.54	0.057
5	QPSK	1	24	17.50	0.056	17.48	0.056	17.45	0.056
5	QPSK	12	0	16.94	0.049	16.95	0.050	16.82	0.048
5	QPSK	12	7	16.85	0.048	16.77	0.048	16.72	0.047
5	QPSK	12	13	16.85	0.048	16.78	0.048	16.67	0.046
5	QPSK	25	0	16.80	0.048	16.79	0.048	16.69	0.047
5	16QAM	1	0	16.78	0.048	16.91	0.049	16.61	0.046
5	16QAM	1	12	17.03	0.050	16.89	0.049	16.90	0.049
5	16QAM	1	24	16.75	0.047	16.85	0.048	17.06	0.051
5	16QAM	12	0	16.78	0.048	16.69	0.047	16.70	0.047
5	16QAM	12	7	16.90	0.049	16.80	0.048	16.76	0.047
5	16QAM	12	13	16.83	0.048	16.73	0.047	16.52	0.045
5	16QAM	25	0	16.82	0.048	16.64	0.046	16.54	0.045
5	64QAM	1	0	16.96	0.050	16.80	0.048	16.76	0.047
5	64QAM	1	12	17.02	0.050	16.95	0.050	16.97	0.050
5	64QAM	1	24	16.95	0.050	16.57	0.045	16.76	0.047
5	64QAM	12	0	16.74	0.047	16.58	0.045	16.64	0.046
5	64QAM	12	7	16.81	0.048	16.82	0.048	16.66	0.046
5	64QAM	12	13	16.74	0.047	16.71	0.047	16.63	0.046
5	64QAM	25	0	16.72	0.047	16.76	0.047	16.70	0.047



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	17.50	0.056	17.60	0.058	17.42	0.055
3	QPSK	1	8	17.57	0.057	17.48	0.056	17.44	0.055
3	QPSK	1	14	17.53	0.057	17.46	0.056	17.54	0.057
3	QPSK	8	0	16.84	0.048	16.95	0.050	16.84	0.048
3	QPSK	8	4	16.84	0.048	16.71	0.047	16.83	0.048
3	QPSK	8	7	16.87	0.049	16.77	0.048	16.65	0.046
3	QPSK	15	0	16.78	0.048	16.68	0.047	16.78	0.048
3	16QAM	1	0	16.71	0.047	16.82	0.048	16.72	0.047
3	16QAM	1	8	16.73	0.047	16.72	0.047	16.73	0.047
3	16QAM	1	14	16.74	0.047	16.57	0.045	16.57	0.045
3	16QAM	8	0	16.77	0.048	16.55	0.045	16.79	0.048
3	16QAM	8	4	16.84	0.048	16.76	0.047	16.69	0.047
3	16QAM	8	7	16.83	0.048	16.63	0.046	16.66	0.046
3	16QAM	15	0	16.71	0.047	16.63	0.046	16.84	0.048
3	64QAM	1	0	16.97	0.050	16.80	0.048	16.82	0.048
3	64QAM	1	8	16.89	0.049	17.04	0.051	16.81	0.048
3	64QAM	1	14	16.92	0.049	16.58	0.045	16.71	0.047
3	64QAM	8	0	16.88	0.049	16.91	0.049	16.73	0.047
3	64QAM	8	4	16.80	0.048	16.86	0.049	16.89	0.049
3	64QAM	8	7	16.92	0.049	16.73	0.047	16.74	0.047
3	64QAM	15	0	16.92	0.049	16.83	0.048	16.90	0.049



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	17.60	0.058	17.61	0.058	17.58	0.057
1.4	QPSK	1	3	17.60	0.058	17.51	0.056	17.48	0.056
1.4	QPSK	1	5	17.50	0.056	17.44	0.055	17.56	0.057
1.4	QPSK	3	0	16.74	0.047	16.85	0.048	16.78	0.048
1.4	QPSK	3	1	16.61	0.046	16.69	0.047	16.61	0.046
1.4	QPSK	3	3	16.74	0.047	16.70	0.047	16.69	0.047
1.4	QPSK	6	0	17.04	0.051	16.89	0.049	16.96	0.050
1.4	16QAM	1	0	16.92	0.049	16.73	0.047	16.95	0.050
1.4	16QAM	1	3	17.09	0.051	16.95	0.050	17.02	0.050
1.4	16QAM	1	5	16.88	0.049	17.04	0.051	16.96	0.050
1.4	16QAM	3	0	17.01	0.050	16.92	0.049	16.92	0.049
1.4	16QAM	3	1	16.91	0.049	17.06	0.051	16.92	0.049
1.4	16QAM	3	3	16.95	0.050	16.81	0.048	16.80	0.048
1.4	16QAM	6	0	16.87	0.049	16.84	0.048	16.89	0.049
1.4	64QAM	1	0	16.91	0.049	16.98	0.050	16.82	0.048
1.4	64QAM	1	3	16.82	0.048	16.90	0.049	17.00	0.050
1.4	64QAM	1	5	16.92	0.049	16.93	0.049	16.82	0.048
1.4	64QAM	3	0	16.86	0.049	16.98	0.050	16.87	0.049
1.4	64QAM	3	1	16.93	0.049	16.90	0.049	17.05	0.051
1.4	64QAM	3	3	16.80	0.048	16.79	0.048	16.82	0.048
1.4	64QAM	6	0	16.82	0.048	16.82	0.048	16.80	0.048



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	22.06	0.161	22.20	0.166	22.18	0.165
20	QPSK	1	49	22.15	0.164	22.14	0.164	22.16	0.164
20	QPSK	1	99	22.03	0.160	22.09	0.162	22.15	0.164
20	QPSK	50	0	21.36	0.137	21.50	0.141	21.31	0.135
20	QPSK	50	24	21.35	0.136	21.40	0.138	21.40	0.138
20	QPSK	50	50	21.44	0.139	21.43	0.139	21.40	0.138
20	QPSK	100	0	21.41	0.138	21.38	0.137	21.36	0.137
20	16QAM	1	0	21.37	0.137	21.48	0.141	21.47	0.140
20	16QAM	1	49	21.49	0.141	21.37	0.137	21.31	0.135
20	16QAM	1	99	21.55	0.143	21.34	0.136	21.44	0.139
20	16QAM	50	0	21.17	0.131	21.28	0.134	21.30	0.135
20	16QAM	50	24	21.35	0.136	21.26	0.134	21.32	0.136
20	16QAM	50	50	21.41	0.138	21.37	0.137	21.34	0.136
20	16QAM	100	0	21.32	0.136	21.24	0.133	21.27	0.134
20	64QAM	1	0	21.42	0.139	21.44	0.139	21.45	0.140
20	64QAM	1	49	21.36	0.137	21.39	0.138	21.42	0.139
20	64QAM	1	99	21.46	0.140	21.42	0.139	21.39	0.138
20	64QAM	50	0	21.13	0.130	21.37	0.137	21.27	0.134
20	64QAM	50	24	21.27	0.134	21.28	0.134	21.31	0.135
20	64QAM	50	50	21.34	0.136	21.31	0.135	21.31	0.135
20	64QAM	100	0	21.25	0.133	21.31	0.135	21.27	0.134



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	22.17	0.165	22.18	0.165	22.10	0.162
15	QPSK	1	37	22.14	0.164	22.10	0.162	22.15	0.164
15	QPSK	1	74	22.14	0.164	22.08	0.161	22.17	0.165
15	QPSK	36	0	21.29	0.135	21.54	0.143	21.34	0.136
15	QPSK	36	20	21.30	0.135	21.41	0.138	21.34	0.136
15	QPSK	36	39	21.40	0.138	21.36	0.137	21.32	0.136
15	QPSK	75	0	21.39	0.138	21.32	0.136	21.29	0.135
15	16QAM	1	0	21.55	0.143	21.10	0.129	21.32	0.136
15	16QAM	1	37	21.21	0.132	21.54	0.143	21.46	0.140
15	16QAM	1	74	21.53	0.142	21.42	0.139	21.51	0.142
15	16QAM	36	0	21.28	0.134	21.24	0.133	21.27	0.134
15	16QAM	36	20	21.29	0.135	21.27	0.134	21.39	0.138
15	16QAM	36	39	21.31	0.135	21.23	0.133	21.35	0.136
15	16QAM	75	0	21.41	0.138	21.35	0.136	21.26	0.134
15	64QAM	1	0	21.45	0.140	21.50	0.141	21.43	0.139
15	64QAM	1	37	21.52	0.142	21.55	0.143	21.38	0.137
15	64QAM	1	74	21.36	0.137	21.38	0.137	21.36	0.137
15	64QAM	36	0	21.23	0.133	21.21	0.132	21.32	0.136
15	64QAM	36	20	21.26	0.134	21.41	0.138	21.28	0.134
15	64QAM	36	39	21.37	0.137	21.28	0.134	21.26	0.134
15	64QAM	75	0	21.35	0.136	21.34	0.136	21.33	0.136



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	22.15	0.164	22.19	0.166	22.02	0.159
10	QPSK	1	25	22.12	0.163	22.04	0.160	22.17	0.165
10	QPSK	1	49	22.15	0.164	22.05	0.160	22.01	0.159
10	QPSK	25	0	21.31	0.135	21.47	0.140	21.41	0.138
10	QPSK	25	12	21.33	0.136	21.37	0.137	21.27	0.134
10	QPSK	25	25	21.36	0.137	21.33	0.136	21.46	0.140
10	QPSK	50	0	21.45	0.140	21.27	0.134	21.37	0.137
10	16QAM	1	0	21.28	0.134	21.54	0.143	21.34	0.136
10	16QAM	1	25	21.31	0.135	21.42	0.139	21.40	0.138
10	16QAM	1	49	21.38	0.137	21.09	0.129	21.37	0.137
10	16QAM	25	0	21.23	0.133	21.28	0.134	21.46	0.140
10	16QAM	25	12	21.30	0.135	21.35	0.136	21.39	0.138
10	16QAM	25	25	21.33	0.136	21.33	0.136	21.44	0.139
10	16QAM	50	0	21.41	0.138	21.19	0.132	21.36	0.137
10	64QAM	1	0	21.30	0.135	21.27	0.134	21.43	0.139
10	64QAM	1	25	21.41	0.138	21.42	0.139	21.28	0.134
10	64QAM	1	49	21.37	0.137	21.21	0.132	21.33	0.136
10	64QAM	25	0	21.27	0.134	21.22	0.132	21.31	0.135
10	64QAM	25	12	21.17	0.131	21.30	0.135	21.37	0.137
10	64QAM	25	25	21.39	0.138	21.30	0.135	21.45	0.140
10	64QAM	50	0	21.40	0.138	21.23	0.133	21.35	0.136



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	22.04	0.160	22.23	0.167	22.07	0.161
5	QPSK	1	12	22.14	0.164	22.12	0.163	21.96	0.157
5	QPSK	1	24	22.02	0.159	22.15	0.164	22.15	0.164
5	QPSK	12	0	21.23	0.133	21.30	0.135	21.35	0.136
5	QPSK	12	7	21.44	0.139	21.34	0.136	21.43	0.139
5	QPSK	12	13	21.25	0.133	21.30	0.135	21.38	0.137
5	QPSK	25	0	21.35	0.136	21.33	0.136	21.37	0.137
5	16QAM	1	0	21.52	0.142	21.30	0.135	21.24	0.133
5	16QAM	1	12	21.38	0.137	21.46	0.140	21.39	0.138
5	16QAM	1	24	21.52	0.142	21.25	0.133	21.35	0.136
5	16QAM	12	0	21.28	0.134	21.27	0.134	21.36	0.137
5	16QAM	12	7	21.25	0.133	21.35	0.136	21.38	0.137
5	16QAM	12	13	21.31	0.135	21.22	0.132	21.34	0.136
5	16QAM	25	0	21.34	0.136	21.29	0.135	21.23	0.133
5	64QAM	1	0	21.53	0.142	21.20	0.132	21.25	0.133
5	64QAM	1	12	21.39	0.138	21.50	0.141	21.54	0.143
5	64QAM	1	24	21.07	0.128	21.30	0.135	21.29	0.135
5	64QAM	12	0	21.23	0.133	21.32	0.136	21.40	0.138
5	64QAM	12	7	21.31	0.135	21.54	0.143	21.30	0.135
5	64QAM	12	13	21.40	0.138	21.48	0.141	21.30	0.135
5	64QAM	25	0	21.48	0.141	21.53	0.142	21.26	0.134



LTE Band 13				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				/		23230		/	
Frequency (MHz)				/		782		/	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	/	/	19.74	0.094	/	/
10	QPSK	1	25	/	/	19.43	0.088	/	/
10	QPSK	1	49	/	/	19.56	0.090	/	/
10	QPSK	25	0	/	/	18.96	0.079	/	/
10	QPSK	25	12	/	/	18.81	0.076	/	/
10	QPSK	25	25	/	/	18.87	0.077	/	/
10	QPSK	50	0	/	/	18.81	0.076	/	/
10	16QAM	1	0	/	/	18.93	0.078	/	/
10	16QAM	1	25	/	/	18.86	0.077	/	/
10	16QAM	1	49	/	/	18.95	0.079	/	/
10	16QAM	25	0	/	/	18.75	0.075	/	/
10	16QAM	25	12	/	/	18.71	0.074	/	/
10	16QAM	25	25	/	/	18.80	0.076	/	/
10	16QAM	50	0	/	/	18.77	0.075	/	/
10	64QAM	1	0	/	/	18.76	0.075	/	/
10	64QAM	1	25	/	/	18.83	0.076	/	/
10	64QAM	1	49	/	/	18.74	0.075	/	/
10	64QAM	25	0	/	/	18.64	0.073	/	/
10	64QAM	25	12	/	/	18.86	0.077	/	/
10	64QAM	25	25	/	/	18.85	0.077	/	/
10	64QAM	50	0	/	/	18.79	0.076	/	/



LTE Band 13				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23205		23230		23255	
Frequency (MHz)				779.5		782		784.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	19.59	0.091	19.72	0.094	19.45	0.088
5	QPSK	1	12	19.65	0.092	19.62	0.092	19.58	0.091
5	QPSK	1	24	19.59	0.091	19.41	0.087	19.48	0.089
5	QPSK	12	0	18.74	0.075	18.85	0.077	18.84	0.077
5	QPSK	12	7	18.76	0.075	18.70	0.074	18.67	0.074
5	QPSK	12	13	18.74	0.075	18.72	0.074	18.70	0.074
5	QPSK	25	0	18.74	0.075	18.62	0.073	18.71	0.074
5	16QAM	1	0	18.72	0.074	18.96	0.079	18.94	0.078
5	16QAM	1	12	18.89	0.077	18.95	0.079	18.85	0.077
5	16QAM	1	24	18.87	0.077	18.76	0.075	18.59	0.072
5	16QAM	12	0	18.77	0.075	18.80	0.076	18.71	0.074
5	16QAM	12	7	18.67	0.074	18.84	0.077	18.75	0.075
5	16QAM	12	13	18.74	0.075	18.70	0.074	18.70	0.074
5	16QAM	25	0	18.73	0.075	18.69	0.074	18.71	0.074
5	64QAM	1	0	18.83	0.076	18.65	0.073	18.69	0.074
5	64QAM	1	12	18.86	0.077	18.86	0.077	19.08	0.081
5	64QAM	1	24	18.64	0.073	18.77	0.075	18.61	0.073
5	64QAM	12	0	18.63	0.073	18.63	0.073	18.67	0.074
5	64QAM	12	7	18.67	0.074	18.67	0.074	18.67	0.074
5	64QAM	12	13	18.79	0.076	18.61	0.073	18.69	0.074
5	64QAM	25	0	18.75	0.075	18.64	0.073	18.77	0.075



LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26865		26915		26965	
Frequency (MHz)				831.5		836.5		841.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	17.74	0.059	17.62	0.058	17.58	0.057
15	QPSK	1	37	17.56	0.057	17.46	0.056	17.64	0.058
15	QPSK	1	74	17.48	0.056	17.46	0.056	17.53	0.057
15	QPSK	36	0	16.91	0.049	16.82	0.048	16.66	0.046
15	QPSK	36	20	16.76	0.047	16.74	0.047	16.68	0.047
15	QPSK	36	39	16.78	0.048	16.66	0.046	16.75	0.047
15	QPSK	75	0	16.60	0.046	16.55	0.045	16.60	0.046
15	16QAM	1	0	16.67	0.046	16.58	0.045	16.92	0.049
15	16QAM	1	37	16.82	0.048	16.70	0.047	16.89	0.049
15	16QAM	1	74	16.70	0.047	16.59	0.046	16.78	0.048
15	16QAM	36	0	16.69	0.047	16.68	0.047	16.76	0.047
15	16QAM	36	20	16.70	0.047	16.66	0.046	16.83	0.048
15	16QAM	36	39	16.61	0.046	16.49	0.045	16.73	0.047
15	16QAM	75	0	16.65	0.046	16.64	0.046	16.74	0.047
15	64QAM	1	0	17.08	0.051	17.07	0.051	16.68	0.047
15	64QAM	1	37	16.79	0.048	16.75	0.047	16.92	0.049
15	64QAM	1	74	16.98	0.050	16.87	0.049	16.72	0.047
15	64QAM	36	0	16.88	0.049	16.82	0.048	16.75	0.047
15	64QAM	36	20	16.79	0.048	16.78	0.048	16.87	0.049
15	64QAM	36	39	16.76	0.047	16.74	0.047	16.77	0.048
15	64QAM	75	0	16.77	0.048	16.67	0.046	16.84	0.048



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	17.54	0.057	17.62	0.058	17.65	0.058
10	QPSK	1	25	17.48	0.056	17.50	0.056	17.58	0.057
10	QPSK	1	49	17.39	0.055	17.48	0.056	17.49	0.056
10	QPSK	25	0	16.71	0.047	16.72	0.047	16.73	0.047
10	QPSK	25	12	16.63	0.046	16.63	0.046	16.72	0.047
10	QPSK	25	25	16.57	0.045	16.46	0.044	16.58	0.045
10	QPSK	50	0	16.53	0.045	16.61	0.046	16.63	0.046
10	16QAM	1	0	16.97	0.050	16.90	0.049	16.99	0.050
10	16QAM	1	25	17.03	0.050	17.00	0.050	17.08	0.051
10	16QAM	1	49	16.69	0.047	16.78	0.048	16.79	0.048
10	16QAM	25	0	16.63	0.046	16.59	0.046	16.69	0.047
10	16QAM	25	12	16.64	0.046	16.64	0.046	16.76	0.047
10	16QAM	25	25	16.71	0.047	16.64	0.046	16.73	0.047
10	16QAM	50	0	16.67	0.046	16.67	0.046	16.74	0.047
10	64QAM	1	0	16.75	0.047	16.64	0.046	16.76	0.047
10	64QAM	1	25	16.83	0.048	16.86	0.049	16.91	0.049
10	64QAM	1	49	16.51	0.045	16.57	0.045	16.61	0.046
10	64QAM	25	0	16.77	0.048	16.69	0.047	16.79	0.048
10	64QAM	25	12	16.68	0.047	16.65	0.046	16.70	0.047
10	64QAM	25	25	16.62	0.046	16.66	0.046	16.67	0.046
10	64QAM	50	0	16.59	0.046	16.58	0.045	16.61	0.046



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	17.50	0.056	17.53	0.057	17.59	0.057
5	QPSK	1	12	17.50	0.056	17.48	0.056	17.56	0.057
5	QPSK	1	24	17.39	0.055	17.49	0.056	17.51	0.056
5	QPSK	12	0	16.75	0.047	16.76	0.047	16.81	0.048
5	QPSK	12	7	16.74	0.047	16.68	0.047	16.77	0.048
5	QPSK	12	13	16.51	0.045	16.61	0.046	16.63	0.046
5	QPSK	25	0	16.61	0.046	16.62	0.046	16.73	0.047
5	16QAM	1	0	16.62	0.046	16.64	0.046	16.65	0.046
5	16QAM	1	12	16.88	0.049	16.79	0.048	16.90	0.049
5	16QAM	1	24	16.78	0.048	16.80	0.048	16.84	0.048
5	16QAM	12	0	16.78	0.048	16.82	0.048	16.85	0.048
5	16QAM	12	7	16.65	0.046	16.59	0.046	16.68	0.047
5	16QAM	12	13	16.65	0.046	16.65	0.046	16.77	0.048
5	16QAM	25	0	16.66	0.046	16.66	0.046	16.76	0.047
5	64QAM	1	0	16.72	0.047	16.73	0.047	16.74	0.047
5	64QAM	1	12	16.81	0.048	16.83	0.048	16.92	0.049
5	64QAM	1	24	16.74	0.047	16.74	0.047	16.78	0.048
5	64QAM	12	0	16.55	0.045	16.58	0.045	16.64	0.046
5	64QAM	12	7	16.54	0.045	16.60	0.046	16.66	0.046
5	64QAM	12	13	16.61	0.046	16.52	0.045	16.64	0.046
5	64QAM	25	0	16.73	0.047	16.78	0.048	16.82	0.048



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	17.51	0.056	17.42	0.055	17.53	0.057
3	QPSK	1	8	17.56	0.057	17.53	0.057	17.60	0.058
3	QPSK	1	14	17.58	0.057	17.58	0.057	17.59	0.057
3	QPSK	8	0	16.86	0.049	16.77	0.048	16.89	0.049
3	QPSK	8	4	16.77	0.048	16.72	0.047	16.81	0.048
3	QPSK	8	7	16.62	0.046	16.60	0.046	16.65	0.046
3	QPSK	15	0	16.69	0.047	16.71	0.047	16.74	0.047
3	16QAM	1	0	16.80	0.048	16.78	0.048	16.85	0.048
3	16QAM	1	8	16.64	0.046	16.66	0.046	16.74	0.047
3	16QAM	1	14	16.50	0.045	16.57	0.045	16.60	0.046
3	16QAM	8	0	16.59	0.046	16.63	0.046	16.69	0.047
3	16QAM	8	4	16.62	0.046	16.60	0.046	16.68	0.047
3	16QAM	8	7	16.61	0.046	16.66	0.046	16.69	0.047
3	16QAM	15	0	16.52	0.045	16.60	0.046	16.62	0.046
3	64QAM	1	0	16.61	0.046	16.53	0.045	16.63	0.046
3	64QAM	1	8	16.55	0.045	16.53	0.045	16.64	0.046
3	64QAM	1	14	16.77	0.048	16.69	0.047	16.79	0.048
3	64QAM	8	0	16.68	0.047	16.67	0.046	16.70	0.047
3	64QAM	8	4	16.71	0.047	16.77	0.048	16.82	0.048
3	64QAM	8	7	16.68	0.047	16.76	0.047	16.79	0.048
3	64QAM	15	0	16.67	0.046	16.56	0.045	16.68	0.047



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	17.43	0.055	17.39	0.055	17.49	0.056
1.4	QPSK	1	3	17.54	0.057	17.55	0.057	17.60	0.058
1.4	QPSK	1	5	17.57	0.057	17.59	0.057	17.60	0.058
1.4	QPSK	3	0	16.85	0.048	16.82	0.048	16.86	0.049
1.4	QPSK	3	1	16.81	0.048	16.80	0.048	16.89	0.049
1.4	QPSK	3	3	16.82	0.048	16.78	0.048	16.85	0.048
1.4	QPSK	6	0	16.67	0.046	16.61	0.046	16.73	0.047
1.4	16QAM	1	0	16.73	0.047	16.75	0.047	16.78	0.048
1.4	16QAM	1	3	16.76	0.047	16.77	0.048	16.84	0.048
1.4	16QAM	1	5	16.57	0.045	16.50	0.045	16.61	0.046
1.4	16QAM	3	0	16.71	0.047	16.63	0.046	16.74	0.047
1.4	16QAM	3	1	16.76	0.047	16.76	0.047	16.80	0.048
1.4	16QAM	3	3	16.58	0.045	16.57	0.045	16.61	0.046
1.4	16QAM	6	0	16.80	0.048	16.84	0.048	16.85	0.048
1.4	64QAM	1	0	16.55	0.045	16.60	0.046	16.66	0.046
1.4	64QAM	1	3	16.72	0.047	16.83	0.048	16.84	0.048
1.4	64QAM	1	5	16.68	0.047	16.70	0.047	16.71	0.047
1.4	64QAM	3	0	16.66	0.046	16.60	0.046	16.67	0.046
1.4	64QAM	3	1	16.69	0.047	16.72	0.047	16.78	0.048
1.4	64QAM	3	3	16.54	0.045	16.55	0.045	16.63	0.046
1.4	64QAM	6	0	16.71	0.047	16.66	0.046	16.76	0.047



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	20.22	0.105	20.43	0.110	20.15	0.104
20	QPSK	1	49	20.29	0.107	20.28	0.107	20.30	0.107
20	QPSK	1	99	20.20	0.105	20.22	0.105	20.12	0.103
20	QPSK	50	0	19.68	0.093	19.74	0.094	19.64	0.092
20	QPSK	50	24	19.65	0.092	19.71	0.094	19.65	0.092
20	QPSK	50	50	19.65	0.092	19.69	0.093	19.63	0.092
20	QPSK	100	0	19.61	0.091	19.61	0.091	19.67	0.093
20	16QAM	1	0	19.78	0.095	19.66	0.092	19.85	0.097
20	16QAM	1	49	20.07	0.102	19.79	0.095	19.81	0.096
20	16QAM	1	99	19.81	0.096	19.76	0.095	19.68	0.093
20	16QAM	50	0	19.71	0.094	19.73	0.094	19.60	0.091
20	16QAM	50	24	19.77	0.095	19.72	0.094	19.76	0.095
20	16QAM	50	50	19.74	0.094	19.69	0.093	19.70	0.093
20	16QAM	100	0	19.70	0.093	19.75	0.094	19.67	0.093
20	64QAM	1	0	19.65	0.092	19.60	0.091	19.62	0.092
20	64QAM	1	49	19.62	0.092	19.99	0.100	19.84	0.096
20	64QAM	1	99	19.72	0.094	19.73	0.094	19.64	0.092
20	64QAM	50	0	19.67	0.093	19.67	0.093	19.63	0.092
20	64QAM	50	24	19.85	0.097	19.81	0.096	19.73	0.094
20	64QAM	50	50	19.75	0.094	19.66	0.092	19.67	0.093
20	64QAM	100	0	19.69	0.093	19.72	0.094	19.67	0.093



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	20.25	0.106	20.42	0.110	20.38	0.109
15	QPSK	1	37	20.37	0.109	20.34	0.108	20.28	0.107
15	QPSK	1	74	20.28	0.107	20.36	0.109	20.36	0.109
15	QPSK	36	0	19.68	0.093	19.70	0.093	19.68	0.093
15	QPSK	36	20	19.65	0.092	19.60	0.091	19.61	0.091
15	QPSK	36	39	19.70	0.093	19.74	0.094	19.77	0.095
15	QPSK	75	0	19.62	0.092	19.69	0.093	19.63	0.092
15	16QAM	1	0	19.64	0.092	19.62	0.092	19.67	0.093
15	16QAM	1	37	19.82	0.096	19.60	0.091	19.72	0.094
15	16QAM	1	74	19.61	0.091	19.71	0.094	19.74	0.094
15	16QAM	36	0	19.72	0.094	19.64	0.092	19.67	0.093
15	16QAM	36	20	19.64	0.092	19.66	0.092	19.69	0.093
15	16QAM	36	39	19.76	0.095	19.72	0.094	19.69	0.093
15	16QAM	75	0	19.77	0.095	19.65	0.092	19.64	0.092
15	64QAM	1	0	19.65	0.092	19.91	0.098	19.88	0.097
15	64QAM	1	37	19.71	0.094	19.79	0.095	19.81	0.096
15	64QAM	1	74	19.69	0.093	19.97	0.099	19.61	0.091
15	64QAM	36	0	19.65	0.092	19.78	0.095	19.77	0.095
15	64QAM	36	20	19.64	0.092	19.76	0.095	19.68	0.093
15	64QAM	36	39	19.65	0.092	19.69	0.093	19.69	0.093
15	64QAM	75	0	19.69	0.093	19.66	0.092	19.74	0.094



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	20.28	0.107	20.35	0.108	20.27	0.106
10	QPSK	1	25	20.34	0.108	20.28	0.107	20.33	0.108
10	QPSK	1	49	20.34	0.108	20.26	0.106	20.24	0.106
10	QPSK	25	0	19.62	0.092	19.69	0.093	19.63	0.092
10	QPSK	25	12	19.67	0.093	19.66	0.092	19.63	0.092
10	QPSK	25	25	19.67	0.093	19.66	0.092	19.60	0.091
10	QPSK	50	0	19.66	0.092	19.65	0.092	19.66	0.092
10	16QAM	1	0	19.68	0.093	19.73	0.094	19.75	0.094
10	16QAM	1	25	19.95	0.099	19.65	0.092	19.76	0.095
10	16QAM	1	49	19.69	0.093	19.87	0.097	19.80	0.095
10	16QAM	25	0	19.76	0.095	19.79	0.095	19.78	0.095
10	16QAM	25	12	19.89	0.097	19.87	0.097	19.75	0.094
10	16QAM	25	25	19.78	0.095	19.80	0.095	19.68	0.093
10	16QAM	50	0	19.81	0.096	19.79	0.095	19.74	0.094
10	64QAM	1	0	19.99	0.100	19.66	0.092	19.87	0.097
10	64QAM	1	25	19.70	0.093	19.77	0.095	19.89	0.097
10	64QAM	1	49	19.64	0.092	19.62	0.092	19.77	0.095
10	64QAM	25	0	19.76	0.095	19.72	0.094	19.67	0.093
10	64QAM	25	12	19.69	0.093	19.86	0.097	19.79	0.095
10	64QAM	25	25	19.75	0.094	19.82	0.096	19.79	0.095
10	64QAM	50	0	19.64	0.092	19.64	0.092	19.68	0.093



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	20.23	0.105	20.33	0.108	20.31	0.107
5	QPSK	1	12	20.31	0.107	20.27	0.106	20.26	0.106
5	QPSK	1	24	20.30	0.107	20.29	0.107	20.16	0.104
5	QPSK	12	0	19.70	0.093	19.71	0.094	19.68	0.093
5	QPSK	12	7	19.68	0.093	19.63	0.092	19.62	0.092
5	QPSK	12	13	19.63	0.092	19.66	0.092	19.60	0.091
5	QPSK	25	0	19.61	0.091	19.65	0.092	19.69	0.093
5	16QAM	1	0	19.62	0.092	19.87	0.097	19.76	0.095
5	16QAM	1	12	19.66	0.092	19.98	0.100	19.60	0.091
5	16QAM	1	24	19.60	0.091	19.69	0.093	19.79	0.095
5	16QAM	12	0	19.68	0.093	19.72	0.094	19.78	0.095
5	16QAM	12	7	19.90	0.098	19.74	0.094	19.67	0.093
5	16QAM	12	13	19.70	0.093	19.76	0.095	19.71	0.094
5	16QAM	25	0	19.81	0.096	19.81	0.096	19.70	0.093
5	64QAM	1	0	19.64	0.092	19.77	0.095	19.69	0.093
5	64QAM	1	12	19.98	0.100	19.86	0.097	20.04	0.101
5	64QAM	1	24	19.82	0.096	19.68	0.093	19.74	0.094
5	64QAM	12	0	19.66	0.092	19.72	0.094	19.83	0.096
5	64QAM	12	7	19.79	0.095	19.71	0.094	19.68	0.093
5	64QAM	12	13	19.67	0.093	19.66	0.092	19.84	0.096
5	64QAM	25	0	19.69	0.093	19.75	0.094	19.80	0.095



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				131987		132322		132657	
Frequency (MHz)				1711.5		1745		1778.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	20.25	0.106	20.36	0.109	20.35	0.108
3	QPSK	1	8	20.32	0.108	20.21	0.105	20.27	0.106
3	QPSK	1	14	20.22	0.105	20.17	0.104	20.27	0.106
3	QPSK	8	0	19.67	0.093	19.70	0.093	19.65	0.092
3	QPSK	8	4	19.71	0.094	19.69	0.093	19.69	0.093
3	QPSK	8	7	19.64	0.092	19.69	0.093	19.65	0.092
3	QPSK	15	0	19.68	0.093	19.67	0.093	19.63	0.092
3	16QAM	1	0	19.95	0.099	20.06	0.101	19.65	0.092
3	16QAM	1	8	20.04	0.101	20.01	0.100	19.74	0.094
3	16QAM	1	14	19.71	0.094	19.70	0.093	19.72	0.094
3	16QAM	8	0	19.72	0.094	19.77	0.095	19.61	0.091
3	16QAM	8	4	19.72	0.094	19.69	0.093	19.68	0.093
3	16QAM	8	7	19.65	0.092	19.77	0.095	19.71	0.094
3	16QAM	15	0	19.83	0.096	19.65	0.092	19.67	0.093
3	64QAM	1	0	19.64	0.092	19.65	0.092	19.70	0.093
3	64QAM	1	8	19.67	0.093	19.92	0.098	19.94	0.099
3	64QAM	1	14	19.65	0.092	19.65	0.092	19.89	0.097
3	64QAM	8	0	19.68	0.093	19.75	0.094	19.70	0.093
3	64QAM	8	4	19.78	0.095	19.75	0.094	19.64	0.092
3	64QAM	8	7	19.73	0.094	19.66	0.092	19.67	0.093
3	64QAM	15	0	19.68	0.093	19.68	0.093	19.79	0.095



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				131979		132322		132665	
Frequency (MHz)				1710.7		1745		1779.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	20.26	0.106	20.35	0.108	20.30	0.107
1.4	QPSK	1	3	20.29	0.107	20.34	0.108	20.34	0.108
1.4	QPSK	1	5	20.29	0.107	20.17	0.104	20.28	0.107
1.4	QPSK	3	0	19.61	0.091	19.69	0.093	19.60	0.091
1.4	QPSK	3	1	19.63	0.092	19.65	0.092	19.66	0.092
1.4	QPSK	3	3	19.60	0.091	19.62	0.092	19.65	0.092
1.4	QPSK	6	0	19.62	0.092	19.64	0.092	19.61	0.091
1.4	16QAM	1	0	19.79	0.095	19.60	0.091	19.79	0.095
1.4	16QAM	1	3	19.84	0.096	19.70	0.093	19.86	0.097
1.4	16QAM	1	5	19.73	0.094	19.67	0.093	19.78	0.095
1.4	16QAM	3	0	19.83	0.096	19.86	0.097	19.66	0.092
1.4	16QAM	3	1	19.91	0.098	19.77	0.095	19.72	0.094
1.4	16QAM	3	3	19.77	0.095	19.80	0.095	19.71	0.094
1.4	16QAM	6	0	19.84	0.096	19.81	0.096	19.88	0.097
1.4	64QAM	1	0	19.70	0.093	19.72	0.094	19.63	0.092
1.4	64QAM	1	3	20.00	0.100	19.62	0.092	19.67	0.093
1.4	64QAM	1	5	19.90	0.098	19.60	0.091	19.74	0.094
1.4	64QAM	3	0	19.94	0.099	19.92	0.098	19.99	0.100
1.4	64QAM	3	1	20.04	0.101	20.00	0.100	20.02	0.100
1.4	64QAM	3	3	19.92	0.098	19.94	0.099	20.06	0.101
1.4	64QAM	6	0	19.96	0.099	20.01	0.100	19.79	0.095

**MAS Antenna**

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	20.90	0.123	21.23	0.133	21.01	0.126
20	QPSK	1	49	20.99	0.126	20.98	0.125	20.99	0.126
20	QPSK	1	99	21.07	0.128	20.93	0.124	20.98	0.125
20	QPSK	50	0	20.10	0.102	20.24	0.106	20.04	0.101
20	QPSK	50	24	20.09	0.102	20.14	0.103	20.13	0.103
20	QPSK	50	50	20.18	0.104	20.17	0.104	20.13	0.103
20	QPSK	100	0	20.15	0.104	20.12	0.103	20.09	0.102
20	16QAM	1	0	20.11	0.103	20.22	0.105	20.20	0.105
20	16QAM	1	49	20.23	0.105	20.11	0.103	20.04	0.101
20	16QAM	1	99	20.27	0.106	20.08	0.102	20.17	0.104
20	16QAM	50	0	19.91	0.098	20.02	0.100	20.03	0.101
20	16QAM	50	24	20.09	0.102	20.00	0.100	20.05	0.101
20	16QAM	50	50	20.15	0.104	20.11	0.103	20.07	0.102
20	16QAM	100	0	20.06	0.101	19.98	0.100	20.00	0.100
20	64QAM	1	0	20.16	0.104	20.18	0.104	20.18	0.104
20	64QAM	1	49	20.10	0.102	20.13	0.103	20.15	0.104
20	64QAM	1	99	20.20	0.105	20.16	0.104	20.12	0.103
20	64QAM	50	0	19.87	0.097	20.11	0.103	20.00	0.100
20	64QAM	50	24	20.01	0.100	20.02	0.100	20.04	0.101
20	64QAM	50	50	20.08	0.102	20.05	0.101	20.04	0.101
20	64QAM	100	0	19.99	0.100	20.05	0.101	20.00	0.100



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	21.00	0.126	21.08	0.128	20.99	0.126
15	QPSK	1	37	20.97	0.125	20.96	0.125	20.97	0.125
15	QPSK	1	74	20.92	0.124	20.91	0.123	20.96	0.125
15	QPSK	36	0	20.08	0.102	20.22	0.105	20.02	0.100
15	QPSK	36	20	20.07	0.102	20.12	0.103	20.11	0.103
15	QPSK	36	39	20.16	0.104	20.15	0.104	20.11	0.103
15	QPSK	75	0	20.13	0.103	20.10	0.102	20.07	0.102
15	16QAM	1	0	20.09	0.102	20.20	0.105	20.18	0.104
15	16QAM	1	37	20.21	0.105	20.09	0.102	20.02	0.100
15	16QAM	1	74	20.25	0.106	20.06	0.101	20.15	0.104
15	16QAM	36	0	19.89	0.097	20.00	0.100	20.01	0.100
15	16QAM	36	20	20.07	0.102	19.98	0.100	20.03	0.101
15	16QAM	36	39	20.13	0.103	20.09	0.102	20.05	0.101
15	16QAM	75	0	20.04	0.101	19.96	0.099	19.98	0.100
15	64QAM	1	0	20.14	0.103	20.16	0.104	20.16	0.104
15	64QAM	1	37	20.08	0.102	20.11	0.103	20.13	0.103
15	64QAM	1	74	20.18	0.104	20.14	0.103	20.10	0.102
15	64QAM	36	0	19.85	0.097	20.09	0.102	19.98	0.100
15	64QAM	36	20	19.99	0.100	20.00	0.100	20.02	0.100
15	64QAM	36	39	20.06	0.101	20.03	0.101	20.02	0.100
15	64QAM	75	0	19.97	0.099	20.03	0.101	19.98	0.100



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	20.90	0.123	21.09	0.129	20.99	0.126
10	QPSK	1	25	20.98	0.125	20.97	0.125	20.97	0.125
10	QPSK	1	49	21.03	0.127	20.92	0.124	20.96	0.125
10	QPSK	25	0	20.09	0.102	20.23	0.105	20.02	0.100
10	QPSK	25	12	20.08	0.102	20.13	0.103	20.11	0.103
10	QPSK	25	25	20.17	0.104	20.16	0.104	20.11	0.103
10	QPSK	50	0	20.14	0.103	20.11	0.103	20.07	0.102
10	16QAM	1	0	20.10	0.102	20.21	0.105	20.18	0.104
10	16QAM	1	25	20.22	0.105	20.10	0.102	20.02	0.100
10	16QAM	1	49	20.26	0.106	20.07	0.102	20.15	0.104
10	16QAM	25	0	19.90	0.098	20.01	0.100	20.01	0.100
10	16QAM	25	12	20.08	0.102	19.99	0.100	20.03	0.101
10	16QAM	25	25	20.14	0.103	20.10	0.102	20.05	0.101
10	16QAM	50	0	20.05	0.101	19.97	0.099	19.98	0.100
10	64QAM	1	0	20.15	0.104	20.17	0.104	20.16	0.104
10	64QAM	1	25	20.09	0.102	20.12	0.103	20.13	0.103
10	64QAM	1	49	20.19	0.104	20.15	0.104	20.10	0.102
10	64QAM	25	0	19.86	0.097	20.10	0.102	19.98	0.100
10	64QAM	25	12	20.00	0.100	20.01	0.100	20.02	0.100
10	64QAM	25	25	20.07	0.102	20.04	0.101	20.02	0.100
10	64QAM	50	0	19.98	0.100	20.04	0.101	19.98	0.100



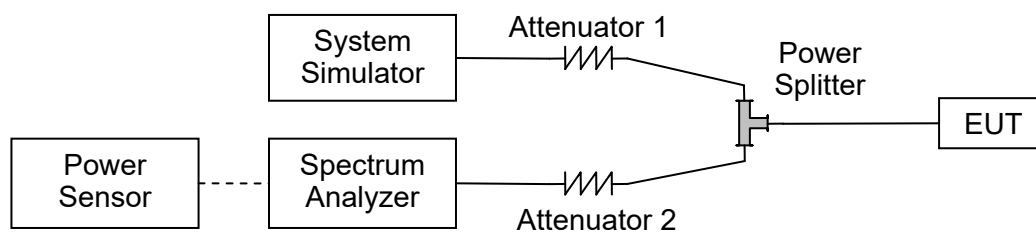
LTE Band 7				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20775		21100		21425	
Frequency (MHz)				2502.5		2535		2567.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	20.94	0.124	21.06	0.128	21.03	0.127
5	QPSK	1	12	21.03	0.127	20.94	0.124	21.01	0.126
5	QPSK	1	24	20.91	0.123	20.90	0.123	21.00	0.126
5	QPSK	12	0	20.14	0.103	20.20	0.105	20.06	0.101
5	QPSK	12	7	20.13	0.103	20.10	0.102	20.15	0.104
5	QPSK	12	13	20.22	0.105	20.13	0.103	20.15	0.104
5	QPSK	25	0	20.19	0.104	20.08	0.102	20.11	0.103
5	16QAM	1	0	20.15	0.104	20.18	0.104	20.22	0.105
5	16QAM	1	12	20.27	0.106	20.07	0.102	20.06	0.101
5	16QAM	1	24	20.31	0.107	20.04	0.101	20.19	0.104
5	16QAM	12	0	19.95	0.099	19.98	0.100	20.05	0.101
5	16QAM	12	7	20.13	0.103	19.96	0.099	20.07	0.102
5	16QAM	12	13	20.19	0.104	20.07	0.102	20.09	0.102
5	16QAM	25	0	20.10	0.102	19.94	0.099	20.02	0.100
5	64QAM	1	0	20.20	0.105	20.14	0.103	20.20	0.105
5	64QAM	1	12	20.14	0.103	20.09	0.102	20.17	0.104
5	64QAM	1	24	20.24	0.106	20.12	0.103	20.14	0.103
5	64QAM	12	0	19.91	0.098	20.07	0.102	20.02	0.100
5	64QAM	12	7	20.05	0.101	19.98	0.100	20.06	0.101
5	64QAM	12	13	20.12	0.103	20.01	0.100	20.06	0.101
5	64QAM	25	0	20.03	0.101	20.01	0.100	20.02	0.100

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	1.25
	Low	16QAM	1.10	1.30
	Low	64QAM	1.10	1.28
	Mid	QPSK	1.09	1.28
	Mid	16QAM	1.10	1.31
	Mid	64QAM	1.10	1.30
	High	QPSK	1.10	1.27
	High	16QAM	1.10	1.30
	High	64QAM	1.10	1.29
3	Low	QPSK	2.69	2.92
	Low	16QAM	2.69	2.93
	Low	64QAM	2.70	2.93
	Mid	QPSK	2.69	2.91
	Mid	16QAM	2.69	2.93
	Mid	64QAM	2.70	2.92
	High	QPSK	2.69	2.93
	High	16QAM	2.70	2.93
	High	64QAM	2.70	2.93
5	Low	QPSK	4.50	4.91
	Low	16QAM	4.50	4.90
	Low	64QAM	4.50	4.90
	Mid	QPSK	4.49	4.92
	Mid	16QAM	4.50	4.89
	Mid	64QAM	4.50	4.90
	High	QPSK	4.50	4.93
	High	16QAM	4.51	4.97
	High	64QAM	4.50	4.92
10	Low	QPSK	9.00	9.75
	Low	16QAM	8.97	9.74
	Low	64QAM	9.00	9.73
	Mid	QPSK	9.00	9.73
	Mid	16QAM	8.98	9.75
	Mid	64QAM	8.99	10.03
	High	QPSK	9.00	9.74
	High	16QAM	8.98	9.78
	High	64QAM	8.98	9.76



15	Low	QPSK	13.51	14.6
	Low	16QAM	13.49	14.66
	Low	64QAM	13.48	14.57
	Mid	QPSK	13.44	14.63
	Mid	16QAM	13.47	14.52
	Mid	64QAM	13.47	14.62
	High	QPSK	13.46	14.48
	High	16QAM	13.46	14.53
	High	64QAM	13.46	14.56
20	Low	QPSK	17.96	19.30
	Low	16QAM	18.00	22.21
	Low	64QAM	17.95	19.35
	Mid	QPSK	17.91	19.33
	Mid	16QAM	17.98	19.38
	Mid	64QAM	17.94	19.43
	High	QPSK	17.97	19.23
	High	16QAM	17.95	19.39
	High	64QAM	17.99	19.37



LTE Band 4				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.10	1.29
	Low	16QAM	1.10	1.29
	Low	64QAM	1.10	1.29
	Mid	QPSK	1.10	1.29
	Mid	16QAM	1.10	1.34
	Mid	64QAM	1.10	1.31
	High	QPSK	1.09	1.27
	High	16QAM	1.10	1.29
	High	64QAM	1.10	1.29
3	Low	QPSK	2.69	2.91
	Low	16QAM	2.69	2.94
	Low	64QAM	2.70	2.93
	Mid	QPSK	2.69	2.94
	Mid	16QAM	2.70	2.94
	Mid	64QAM	2.70	2.92
	High	QPSK	2.69	2.92
	High	16QAM	2.69	2.92
	High	64QAM	2.70	2.93
5	Low	QPSK	4.50	4.94
	Low	16QAM	4.50	4.94
	Low	64QAM	4.50	4.90
	Mid	QPSK	4.50	4.95
	Mid	16QAM	4.51	4.91
	Mid	64QAM	4.49	4.95
	High	QPSK	4.50	4.94
	High	16QAM	4.50	4.91
	High	64QAM	4.50	4.91
10	Low	QPSK	9.01	9.72
	Low	16QAM	8.98	9.75
	Low	64QAM	9.00	9.76
	Mid	QPSK	8.98	9.70
	Mid	16QAM	8.97	9.73
	Mid	64QAM	8.98	9.73
	High	QPSK	9.00	9.80
	High	16QAM	8.98	9.68
	High	64QAM	9.01	9.73



15	Low	QPSK	13.50	14.57
	Low	16QAM	13.51	14.59
	Low	64QAM	13.49	14.77
	Mid	QPSK	13.46	14.58
	Mid	16QAM	13.44	14.67
	Mid	64QAM	13.44	14.41
	High	QPSK	13.50	14.59
	High	16QAM	13.49	14.65
	High	64QAM	13.49	14.52
20	Low	QPSK	17.97	19.37
	Low	16QAM	17.98	19.28
	Low	64QAM	17.99	19.27
	Mid	QPSK	17.86	19.24
	Mid	16QAM	17.84	19.31
	Mid	64QAM	17.89	19.21
	High	QPSK	18.01	19.39
	High	16QAM	18.02	19.38
	High	64QAM	18.00	19.43



LTE Band 5				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.09	1.28
	Low	16QAM	1.10	1.29
	Low	64QAM	1.09	1.30
	Mid	QPSK	1.10	1.27
	Mid	16QAM	1.10	1.28
	Mid	64QAM	1.09	1.29
	High	QPSK	1.10	1.30
	High	16QAM	1.10	1.29
	High	64QAM	1.10	1.28
3	Low	QPSK	2.69	2.9
	Low	16QAM	2.69	2.92
	Low	64QAM	2.70	2.94
	Mid	QPSK	2.69	2.91
	Mid	16QAM	2.69	2.93
	Mid	64QAM	2.70	2.93
	High	QPSK	2.69	2.92
	High	16QAM	2.70	2.93
	High	64QAM	2.69	2.93
5	Low	QPSK	4.49	4.95
	Low	16QAM	4.51	4.89
	Low	64QAM	4.50	4.91
	Mid	QPSK	4.49	4.93
	Mid	16QAM	4.50	4.89
	Mid	64QAM	4.49	4.90
	High	QPSK	4.50	4.93
	High	16QAM	4.50	4.87
	High	64QAM	4.49	4.88
10	Low	QPSK	9.00	9.77
	Low	16QAM	8.97	9.66
	Low	64QAM	8.97	9.74
	Mid	QPSK	8.98	9.68
	Mid	16QAM	8.96	9.72
	Mid	64QAM	8.99	9.71
	High	QPSK	9.00	9.72
	High	16QAM	8.97	9.72
	High	64QAM	8.98	9.71



LTE Band 7				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.49	4.90
	Low	16QAM	4.50	4.95
	Low	64QAM	4.50	4.91
	Mid	QPSK	4.50	4.92
	Mid	16QAM	4.50	4.95
	Mid	64QAM	4.49	4.91
	High	QPSK	4.49	4.91
	High	16QAM	4.50	4.89
	High	64QAM	4.49	4.91
10	Low	QPSK	9.03	9.67
	Low	16QAM	8.97	9.64
	Low	64QAM	8.97	9.72
	Mid	QPSK	9.02	9.78
	Mid	16QAM	8.97	9.71
	Mid	64QAM	8.99	10.08
	High	QPSK	8.99	9.74
	High	16QAM	8.98	9.72
	High	64QAM	9.01	10.02
15	Low	QPSK	13.47	14.53
	Low	16QAM	13.45	14.57
	Low	64QAM	13.47	14.76
	Mid	QPSK	13.50	14.65
	Mid	16QAM	13.49	14.61
	Mid	64QAM	13.47	14.74
	High	QPSK	13.50	14.55
	High	16QAM	13.48	14.61
	High	64QAM	13.48	14.69
20	Low	QPSK	17.89	20.24
	Low	16QAM	17.87	19.23
	Low	64QAM	17.92	19.70
	Mid	QPSK	18.00	19.38
	Mid	16QAM	17.98	19.36
	Mid	64QAM	17.96	19.39
	High	QPSK	17.93	19.30
	High	16QAM	17.95	19.26
	High	64QAM	17.95	19.31



LTE Band 13				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.51	5.14
	Low	16QAM	4.51	5.09
	Low	64QAM	4.50	5.10
	Mid	QPSK	4.52	5.24
	Mid	16QAM	4.52	5.14
	Mid	64QAM	4.51	5.08
	High	QPSK	4.52	5.17
	High	16QAM	4.52	5.15
	High	64QAM	4.51	5.13
10	Mid	QPSK	9.00	9.96
	Mid	16QAM	8.97	9.92
	Mid	64QAM	8.97	9.98



LTE Band 26				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.09	1.26
	Low	16QAM	1.09	1.27
	Low	64QAM	1.09	1.26
	Mid	QPSK	1.09	1.27
	Mid	16QAM	1.09	1.26
	Mid	64QAM	1.09	1.26
	High	QPSK	1.09	1.30
	High	16QAM	1.09	1.27
	High	64QAM	1.09	1.28
3	Low	QPSK	2.70	2.92
	Low	16QAM	2.70	2.93
	Low	64QAM	2.71	2.93
	Mid	QPSK	2.70	2.92
	Mid	16QAM	2.70	2.92
	Mid	64QAM	2.70	2.93
	High	QPSK	2.69	2.93
	High	16QAM	2.70	2.92
	High	64QAM	2.70	2.92
5	Low	QPSK	4.51	4.93
	Low	16QAM	4.51	4.91
	Low	64QAM	4.51	4.86
	Mid	QPSK	4.50	4.85
	Mid	16QAM	4.51	4.86
	Mid	64QAM	4.51	4.90
	High	QPSK	4.51	4.89
	High	16QAM	4.51	4.85
	High	64QAM	4.51	4.93
10	Low	QPSK	9.01	9.78
	Low	16QAM	8.99	9.71
	Low	64QAM	9.00	9.81
	Mid	QPSK	8.96	9.70
	Mid	16QAM	8.96	9.65
	Mid	64QAM	8.96	9.67
	High	QPSK	8.99	9.67
	High	16QAM	8.99	9.67
	High	64QAM	8.99	9.76



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15	Low	QPSK	13.47	14.45
	Low	16QAM	13.50	14.52
	Low	64QAM	13.43	14.41
	Mid	QPSK	13.47	14.55
	Mid	16QAM	13.44	14.63
	Mid	64QAM	14.45	14.45
	High	QPSK	13.47	14.48
	High	16QAM	13.45	14.42
	High	64QAM	13.45	14.49



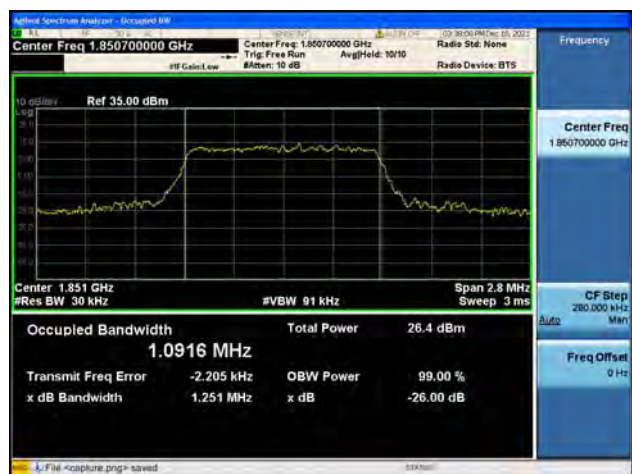
LTE Band 66				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.10	1.30
	Low	16QAM	1.10	1.29
	Low	64QAM	1.10	1.29
	Mid	QPSK	1.10	1.28
	Mid	16QAM	1.10	1.30
	Mid	64QAM	1.08	1.32
	High	QPSK	1.10	1.28
	High	16QAM	1.10	1.32
	High	64QAM	1.10	1.32
3	Low	QPSK	2.69	2.93
	Low	16QAM	2.69	2.92
	Low	64QAM	2.69	2.90
	Mid	QPSK	2.69	2.93
	Mid	16QAM	2.69	2.93
	Mid	64QAM	2.70	2.92
	High	QPSK	2.69	2.94
	High	16QAM	2.69	2.94
	High	64QAM	2.70	2.92
5	Low	QPSK	4.52	5.18
	Low	16QAM	4.52	5.16
	Low	64QAM	4.53	5.22
	Mid	QPSK	4.52	5.21
	Mid	16QAM	4.52	5.15
	Mid	64QAM	4.53	5.18
	High	QPSK	4.52	5.27
	High	16QAM	4.51	4.89
	High	64QAM	4.53	5.16
10	Low	QPSK	9.04	10.14
	Low	16QAM	9.00	9.98
	Low	64QAM	9.02	10.09
	Mid	QPSK	9.02	10.14
	Mid	16QAM	8.99	9.94
	Mid	64QAM	9.01	10.03
	High	QPSK	9.03	10.02
	High	16QAM	9.00	9.96
	High	64QAM	8.99	10.02



15	Low	QPSK	13.55	15.08
	Low	16QAM	13.52	14.99
	Low	64QAM	13.53	14.88
	Mid	QPSK	13.51	15.03
	Mid	16QAM	13.53	14.90
	Mid	64QAM	13.50	15.04
	High	QPSK	13.48	14.88
	High	16QAM	13.47	14.89
	High	64QAM	13.47	14.83
20	Low	QPSK	18.02	19.75
	Low	16QAM	18.05	19.65
	Low	64QAM	18.01	19.72
	Mid	QPSK	18.04	19.71
	Mid	16QAM	18.03	19.72
	Mid	64QAM	18.02	19.71
	High	QPSK	17.92	19.56
	High	16QAM	17.89	19.59
	High	64QAM	17.93	19.56



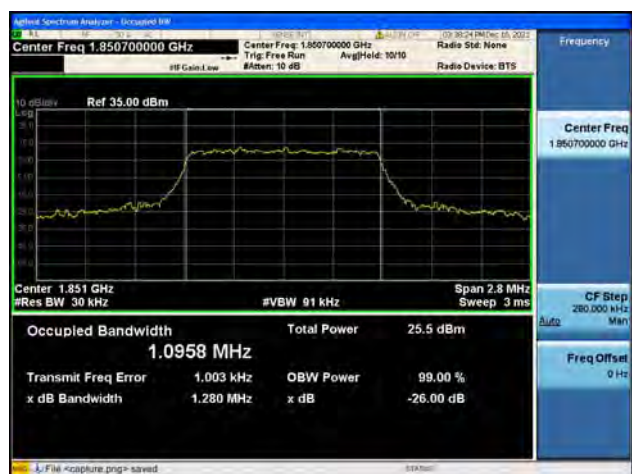
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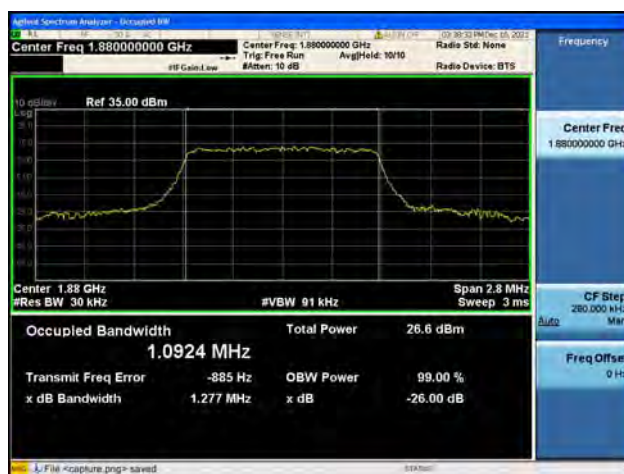
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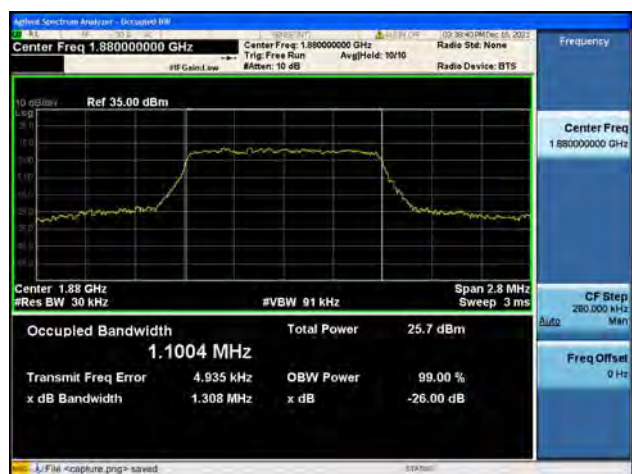
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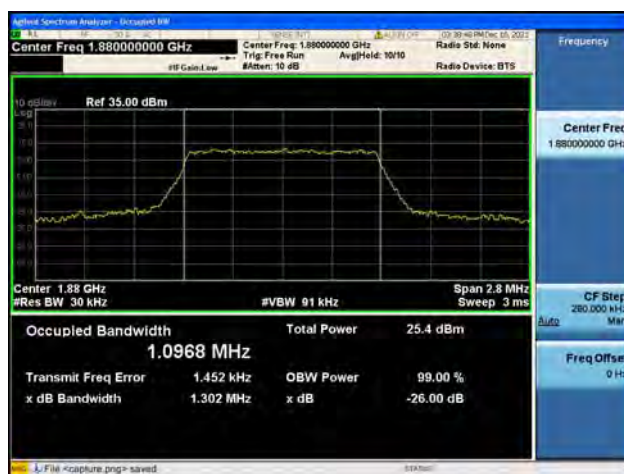
Band2 / 1.4MHz / Mid CH / QPSK



Band2 / 1.4MHz / Mid CH / 16QAM

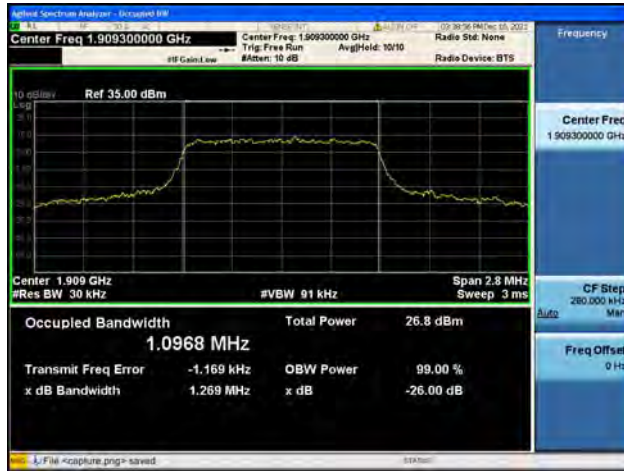


Band2 / 1.4MHz / Mid CH / 64QAM

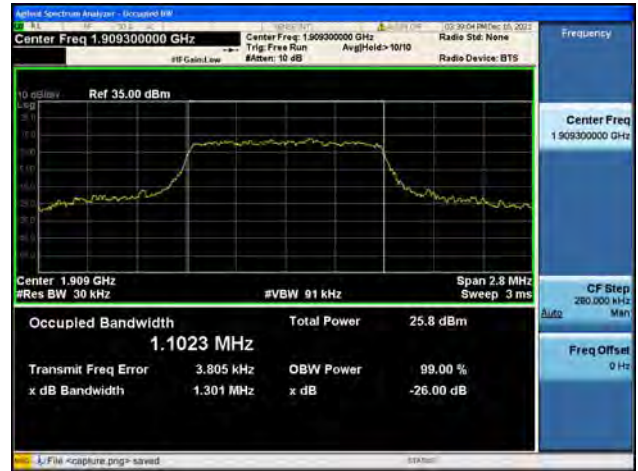




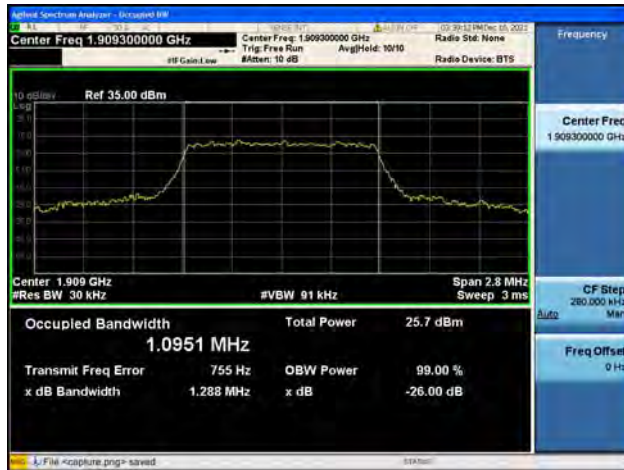
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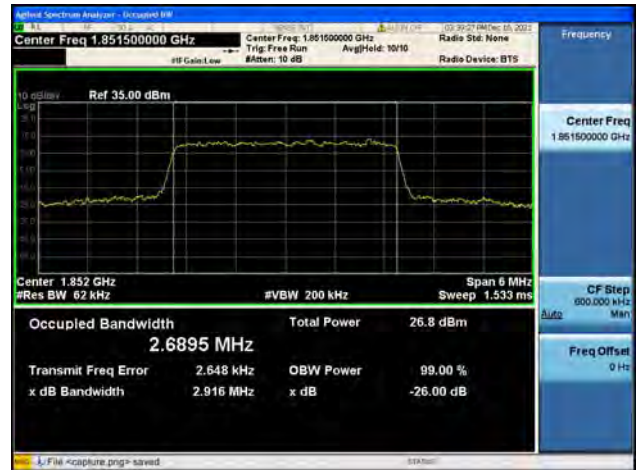
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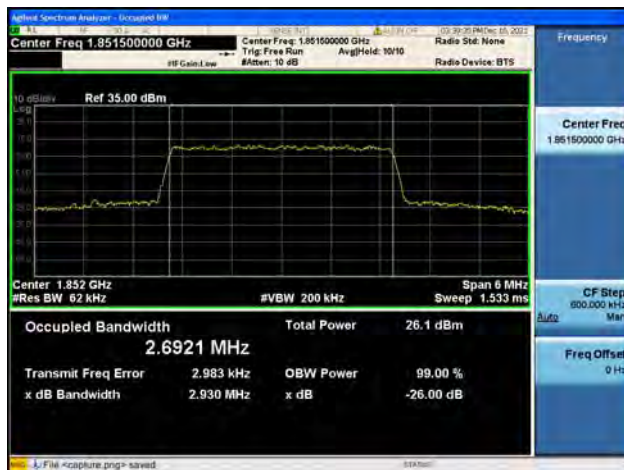
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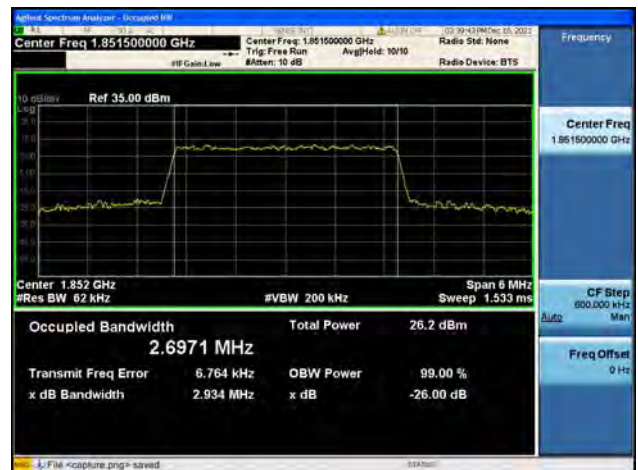
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Band2 / 3MHz / Low CH / 16QAM

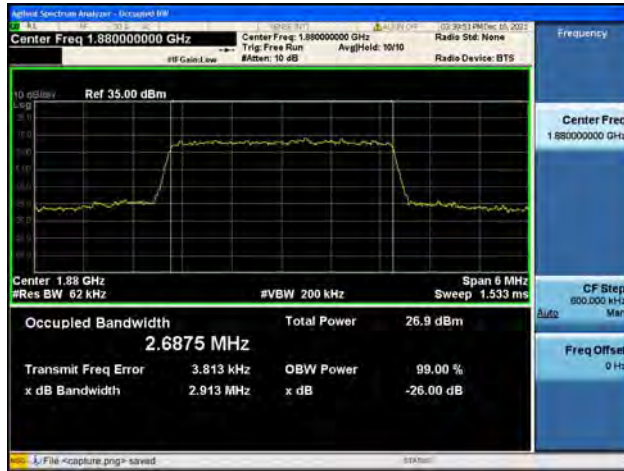


Band2 / 3MHz / Low CH / 64QAM





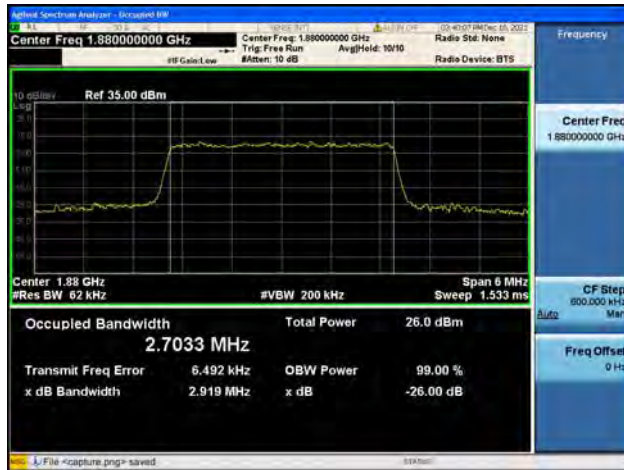
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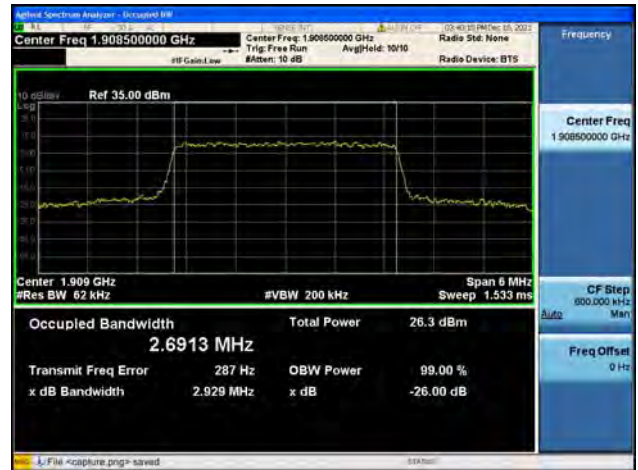
Band2 / 3MHz / Mid CH / 16QAM



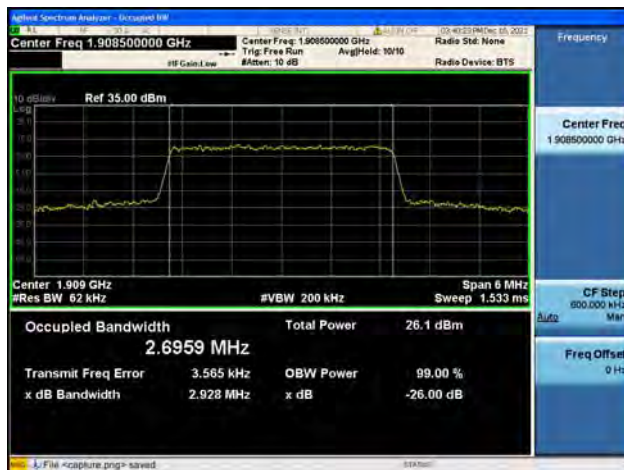
Band2 / 3MHz / Mid CH / 64QAM



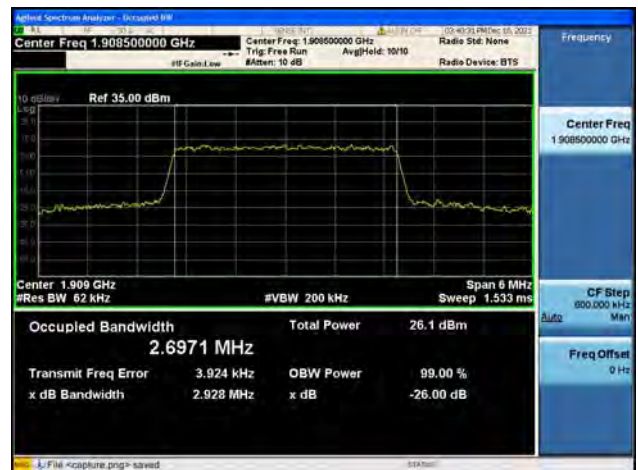
Band2 / 3MHz / High CH / QPSK



Band2 / 3MHz / High CH / 16QAM

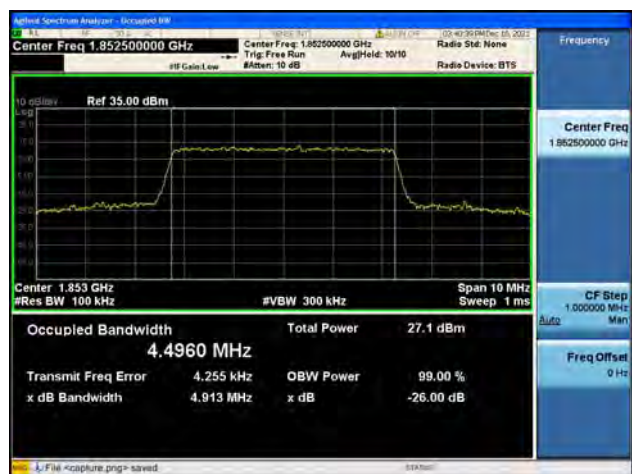


Band2 / 3MHz / High CH / 64QAM





Band2 / 5MHz / Low CH / QPSK



Band2 / 5MHz / Low CH / 16QAM



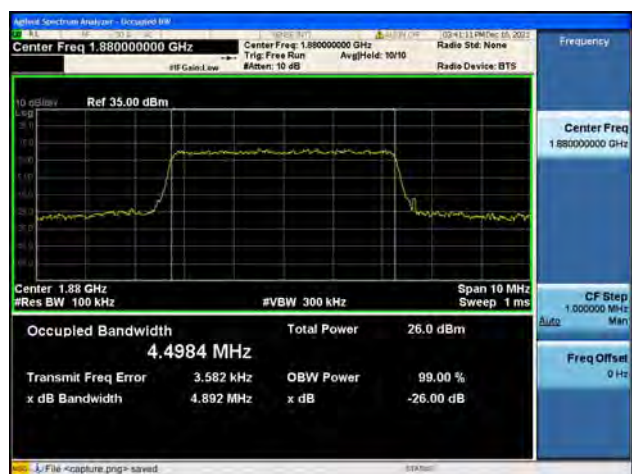
Band2 / 5MHz / Low CH / 64QAM



Band2 / 5MHz / Mid CH / QPSK



Band2 / 5MHz / Mid CH / 16QAM

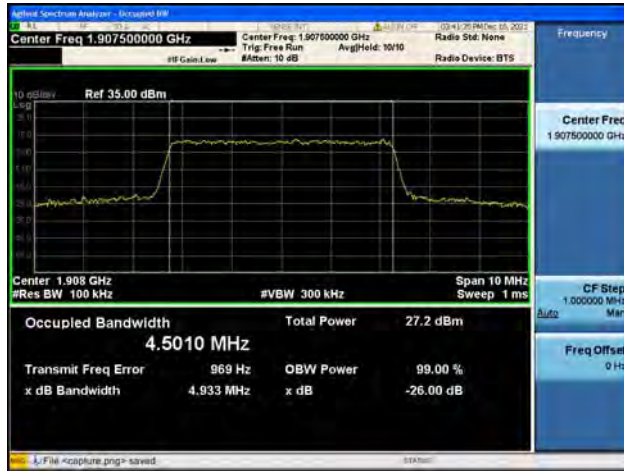


Band2 / 5MHz / Mid CH / 64QAM

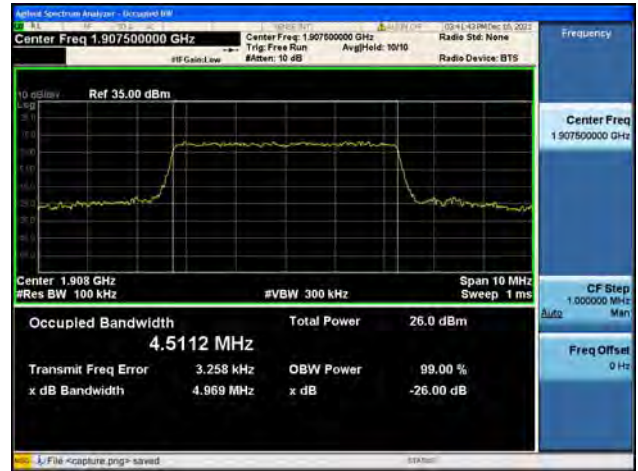




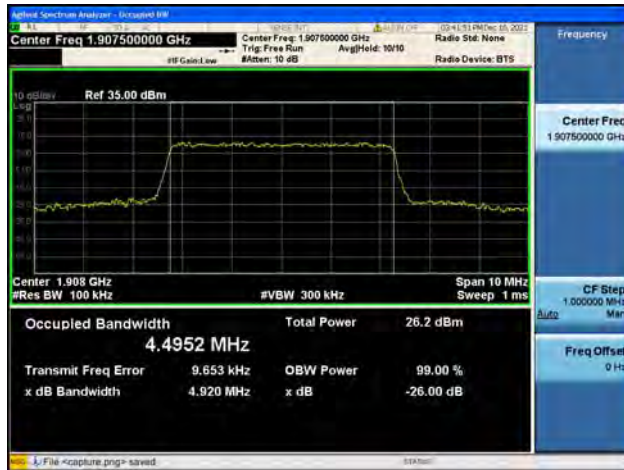
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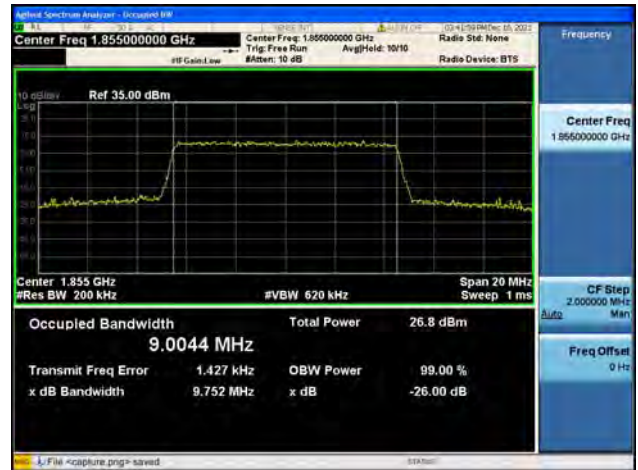
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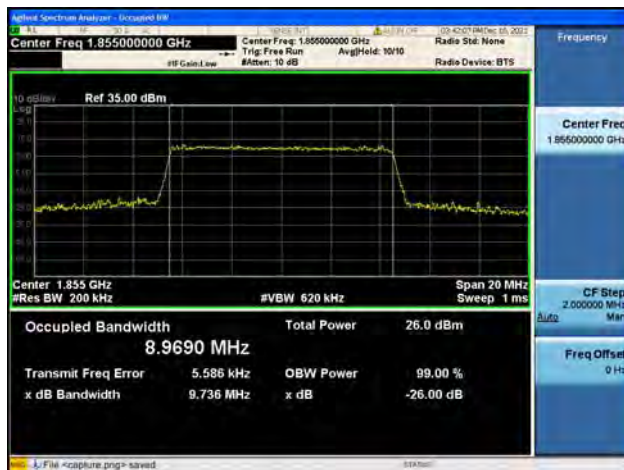
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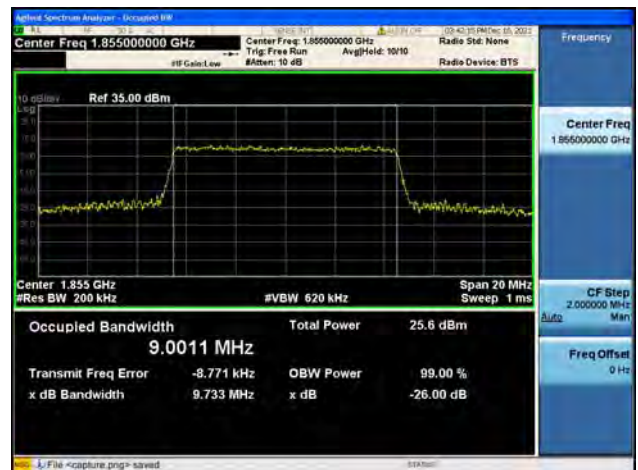
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Band2 / 10MHz / Low CH / 16QAM

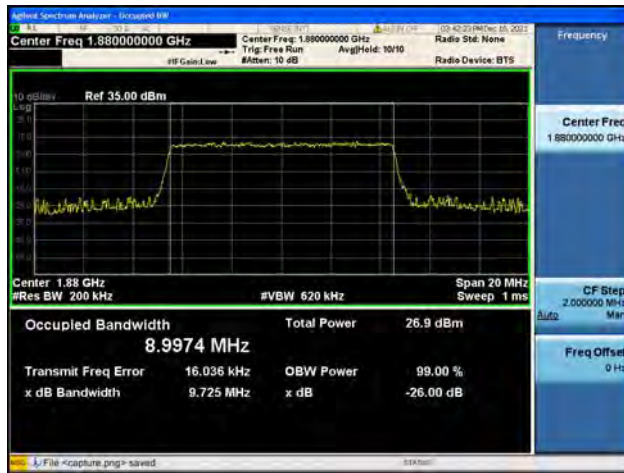


Band2 / 10MHz / Low CH / 64QAM

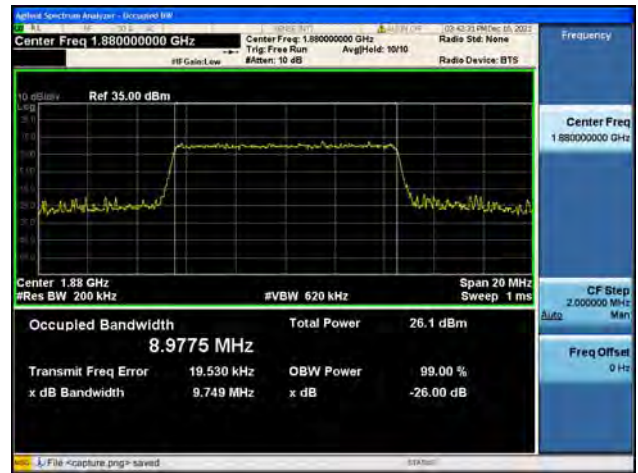




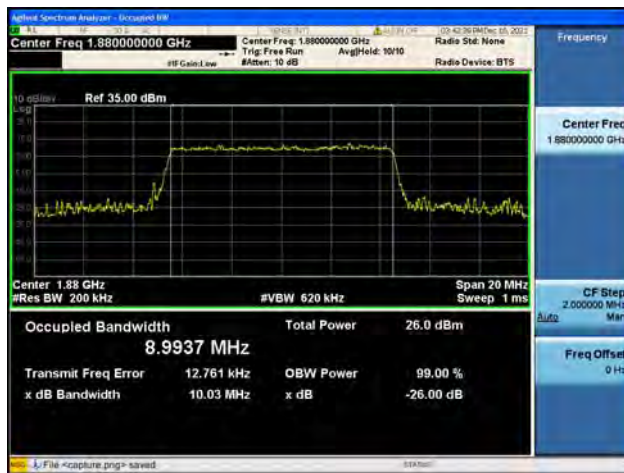
Band2 / 10MHz / Mid CH / QPSK



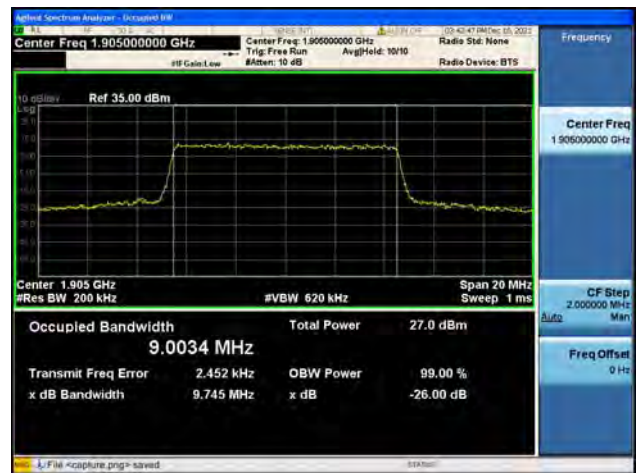
Band2 / 10MHz / Mid CH / 16QAM



Band2 / 10MHz / Mid CH / 64QAM



Band2 / 10MHz / High CH / QPSK



Band2 / 10MHz / High CH / 16QAM

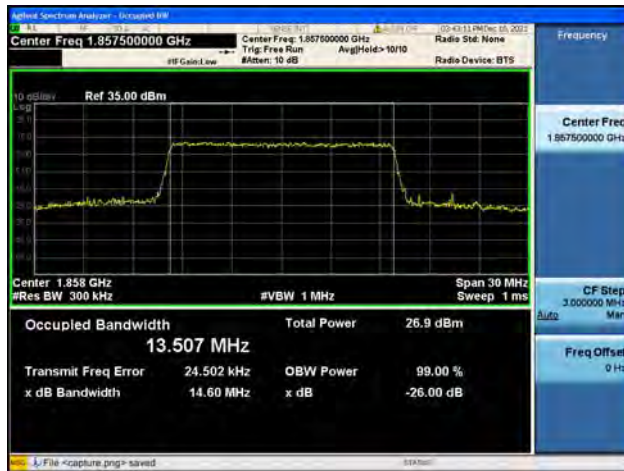


Band2 / 10MHz / High CH / 64QAM

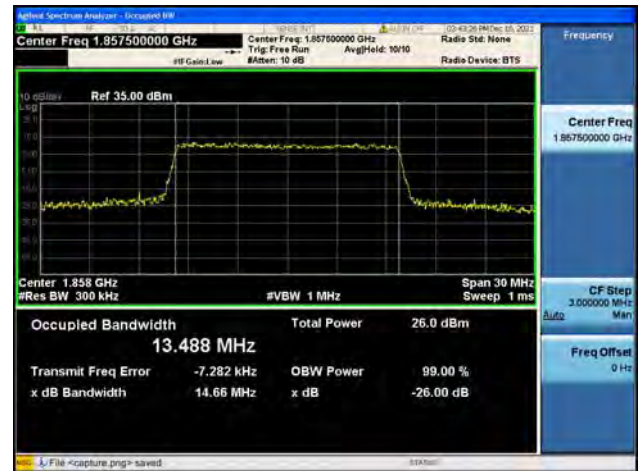




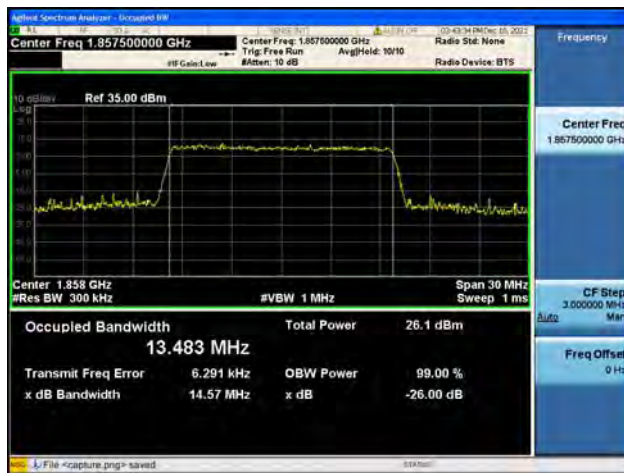
Band2 / 15MHz / Low CH / QPSK



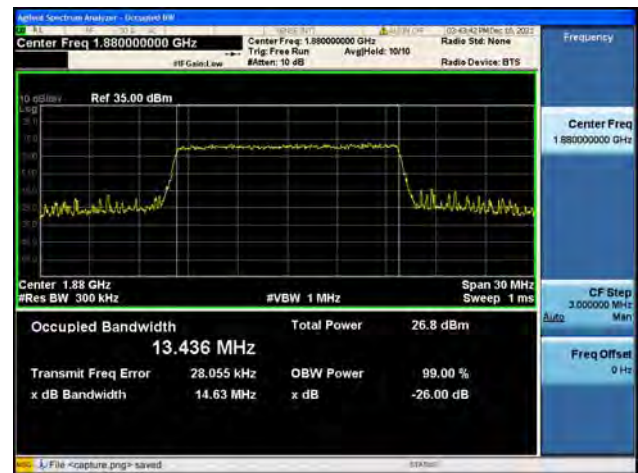
Band2 / 15MHz / Low CH / 16QAM



Band2 / 15MHz / Low CH / 64QAM



Band2 / 15MHz / Mid CH / QPSK



Band2 / 15MHz / Mid CH / 16QAM

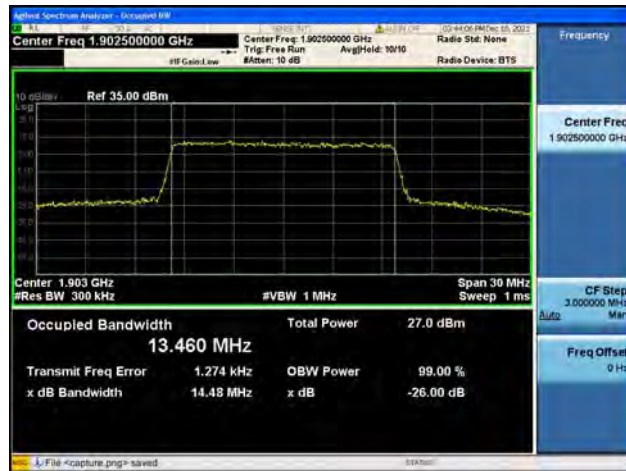


Band2 / 15MHz / Mid CH / 64QAM

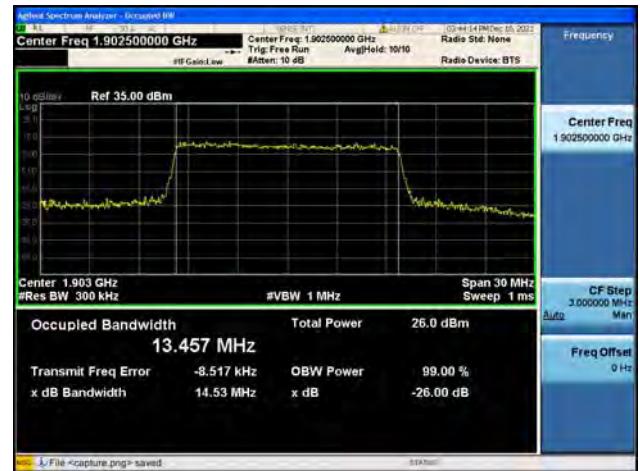




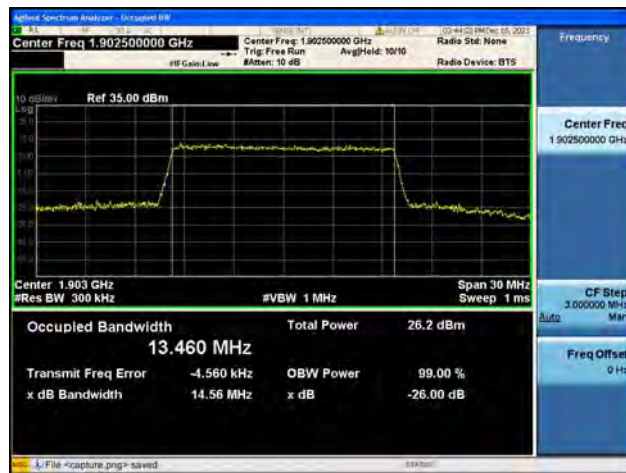
Band2 / 15MHz / High CH / QPSK



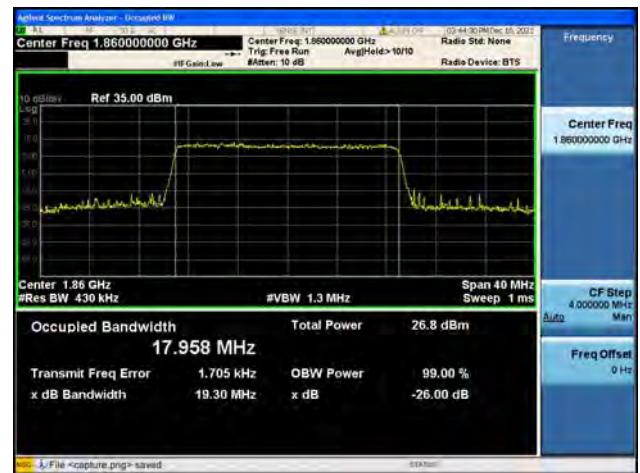
Band2 / 15MHz / High CH / 16QAM



Band2 / 15MHz / High CH / 64QAM



Band2 / 20MHz / Low CH / QPSK



Band2 / 20MHz / Low CH / 16QAM

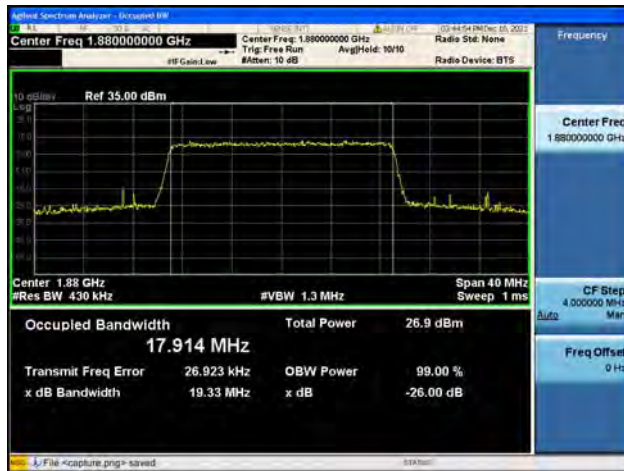


Band2 / 20MHz / Low CH / 64QAM

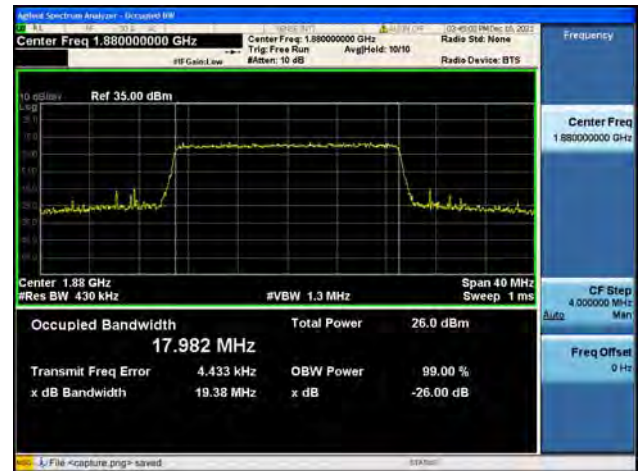




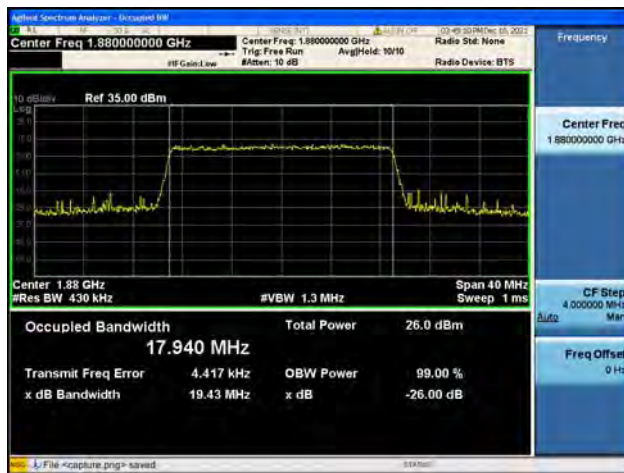
Band2 / 20MHz / Mid CH / QPSK



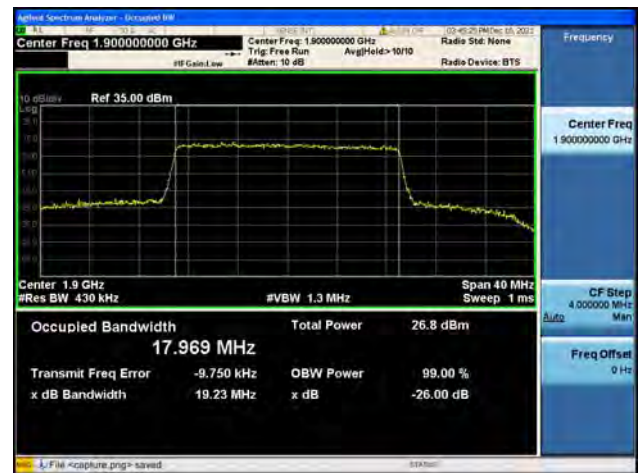
Band2 / 20MHz / Mid CH / 16QAM



Band2 / 20MHz / Mid CH / 64QAM



Band2 / 20MHz / High CH / QPSK



Band2 / 20MHz / High CH / 16QAM

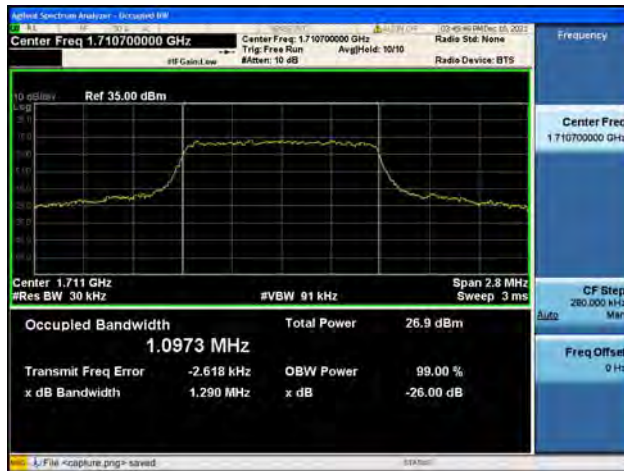


Band2 / 20MHz / High CH / 64QAM

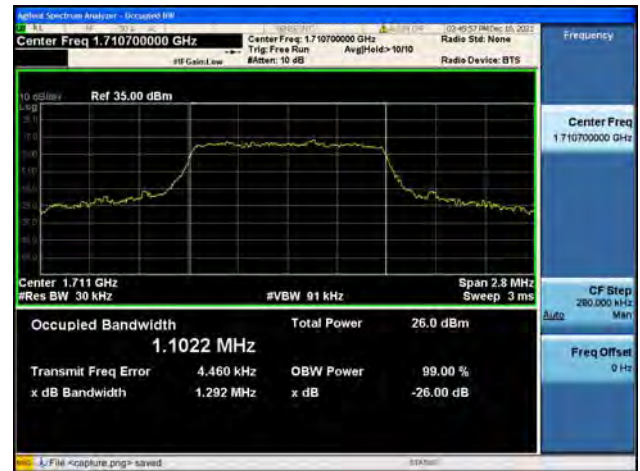




Band4 / 1.4MHz / Low CH / QPSK



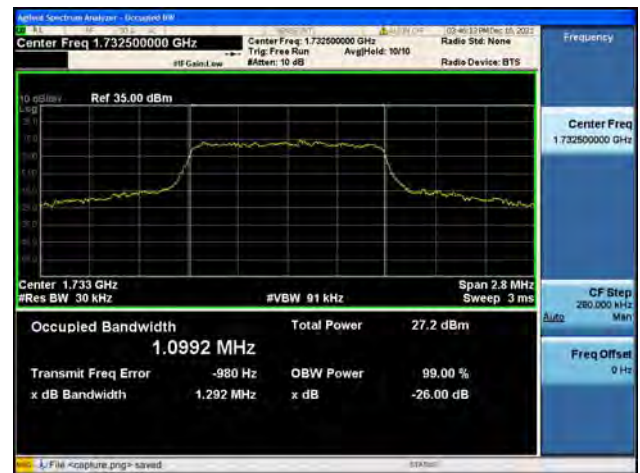
Band4 / 1.4MHz / Low CH / 16QAM



Band4 / 1.4MHz / Low CH / 64QAM



Band4 / 1.4MHz / Mid CH / QPSK



Band4 / 1.4MHz / Mid CH / 16QAM

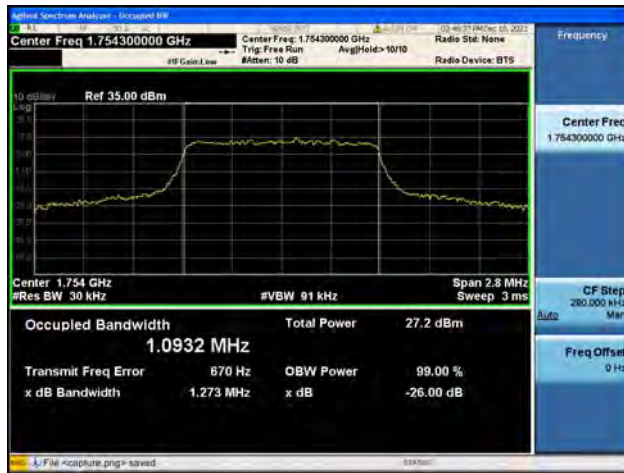


Band4 / 1.4MHz / Mid CH / 64QAM

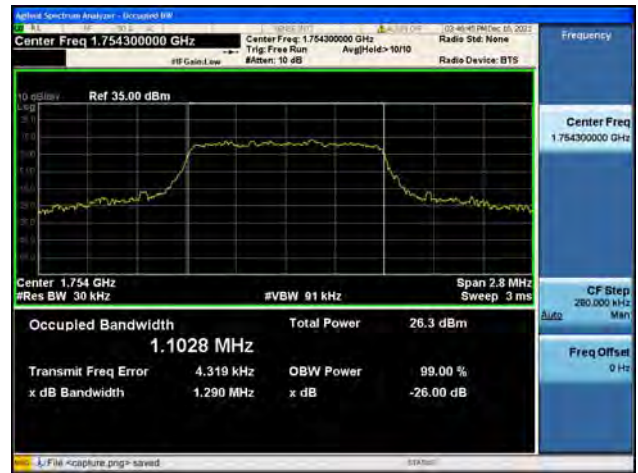




Band4 / 1.4MHz / High CH / QPSK



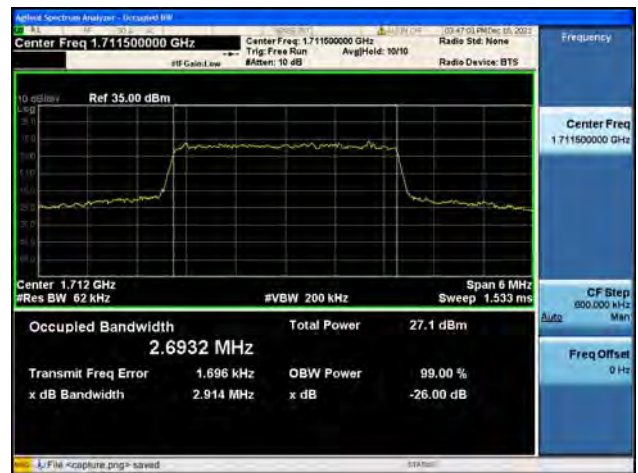
Band4 / 1.4MHz / High CH / 16QAM



Band4 / 1.4MHz / High CH / 64QAM



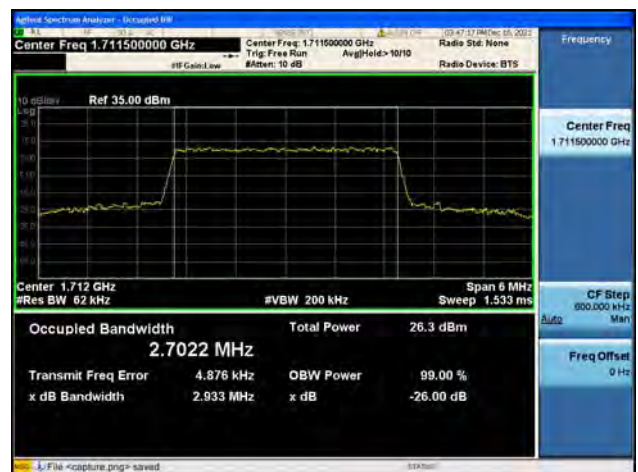
Band4 / 3MHz / Low CH / QPSK



Band4 / 3MHz / Low CH / 16QAM

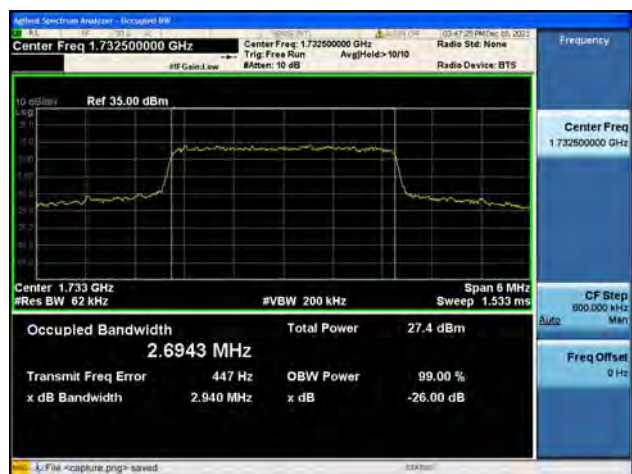


Band4 / 3MHz / Low CH / 64QAM

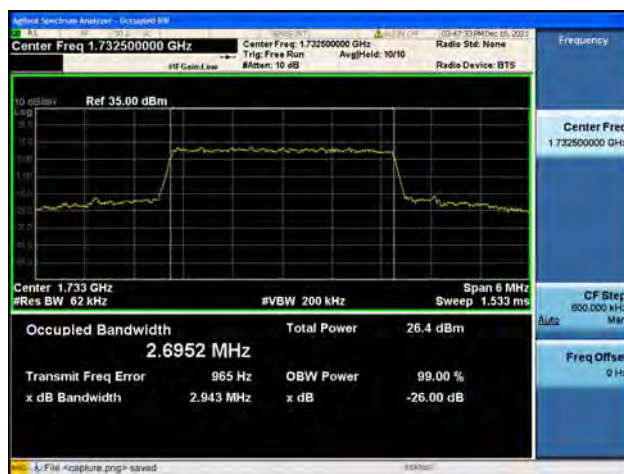




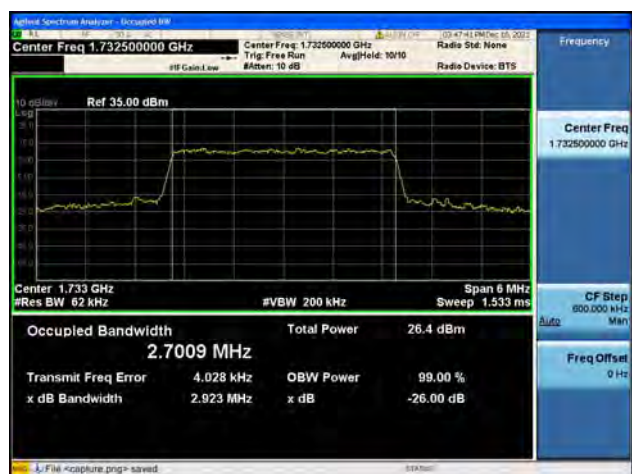
Band4 / 3MHz / Mid CH / QPSK



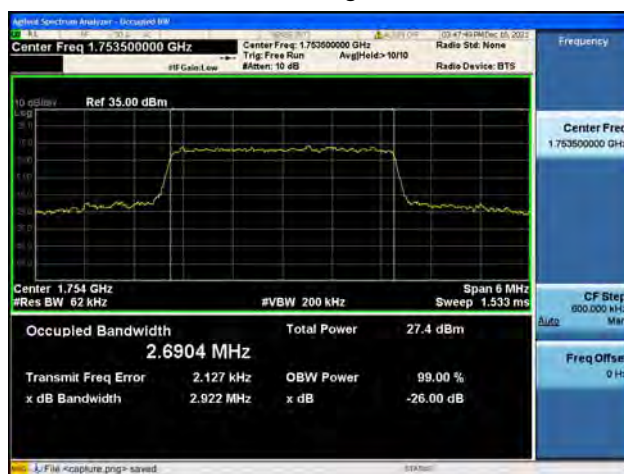
Band4 / 3MHz / Mid CH / 16QAM



Band4 / 3MHz / Mid CH / 64QAM



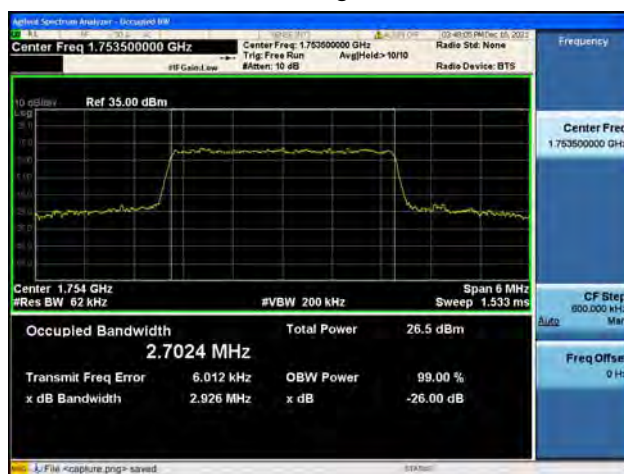
Band4 / 3MHz / High CH / QPSK



Band4 / 3MHz / High CH / 16QAM

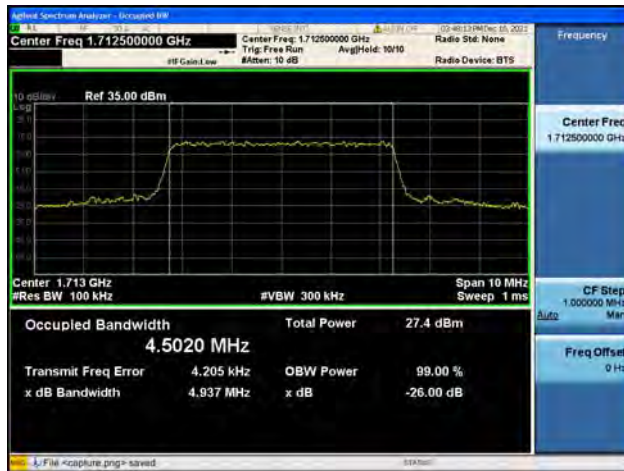


Band4 / 3MHz / High CH / 64QAM

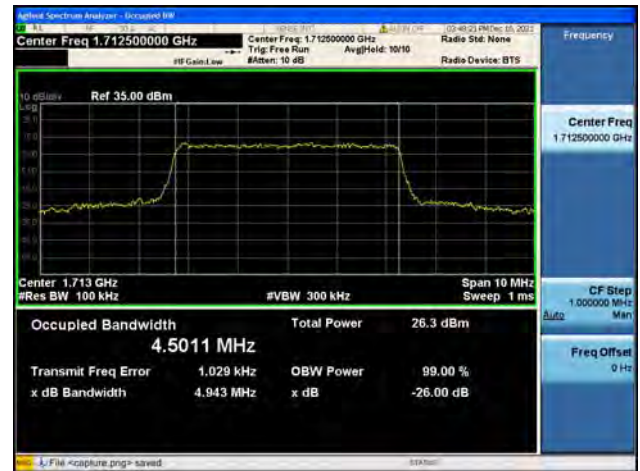




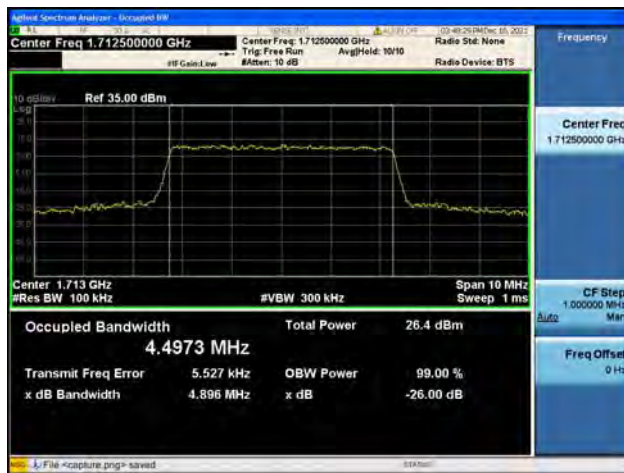
Band4 / 5MHz / Low CH / QPSK



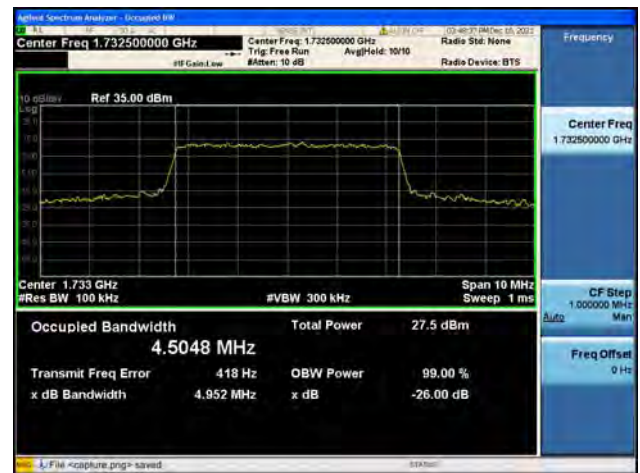
Band4 / 5MHz / Low CH / 16QAM



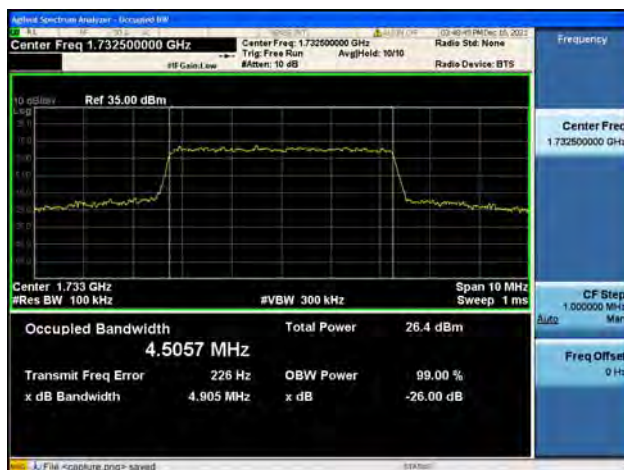
Band4 / 5MHz / Low CH / 64QAM



Band4 / 5MHz / Mid CH / QPSK



Band4 / 5MHz / Mid CH / 16QAM

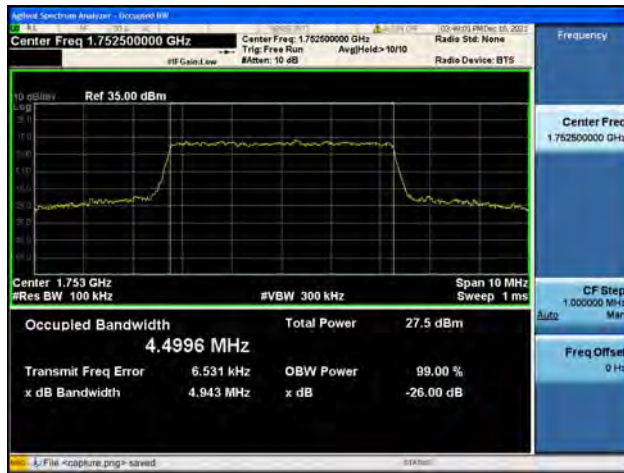


Band4 / 5MHz / Mid CH / 64QAM

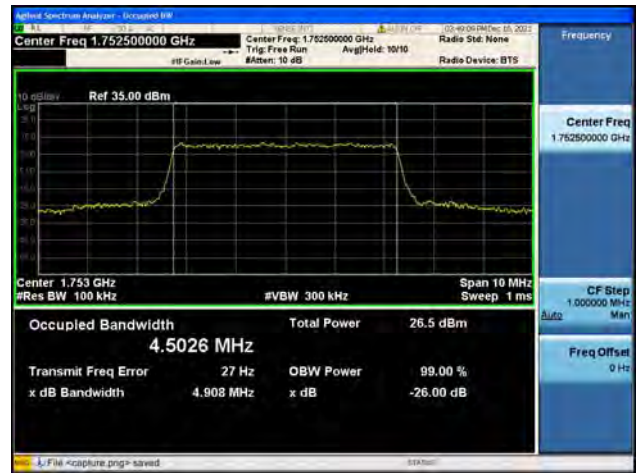




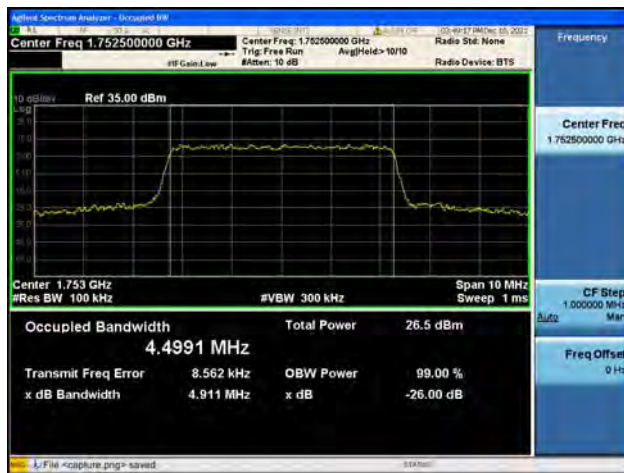
Band4 / 5MHz / High CH / QPSK



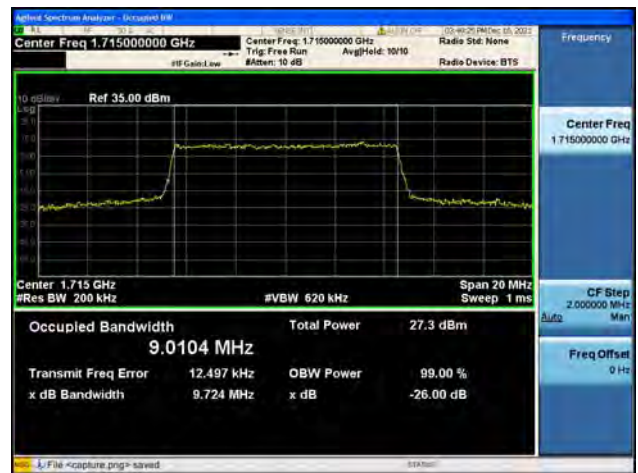
Band4 / 5MHz / High CH / 16QAM



Band4 / 5MHz / High CH / 64QAM



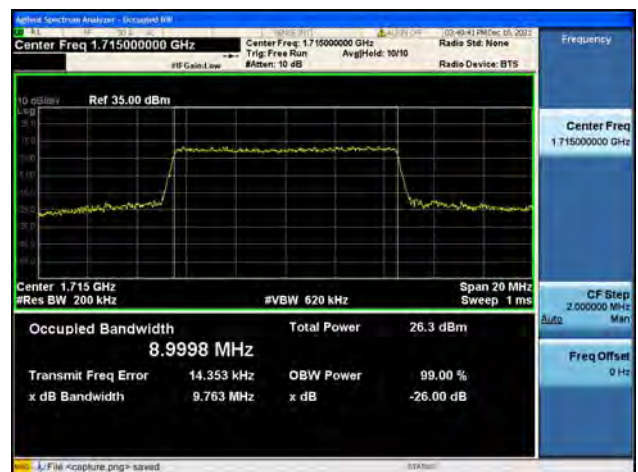
Band4 / 10MHz / Low CH / QPSK



Band4 / 10MHz / Low CH / 16QAM

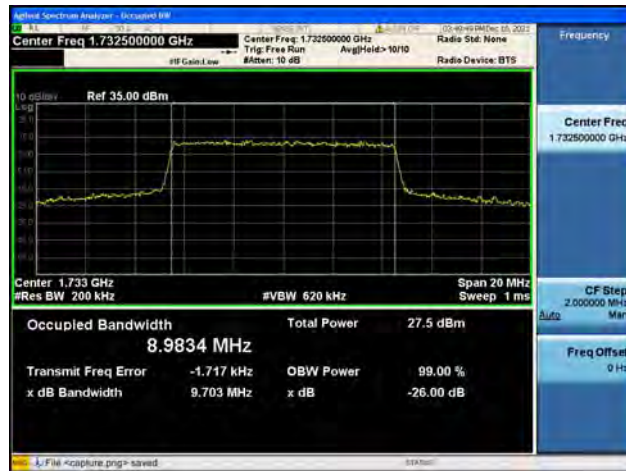


Band4 / 10MHz / Low CH / 64QAM

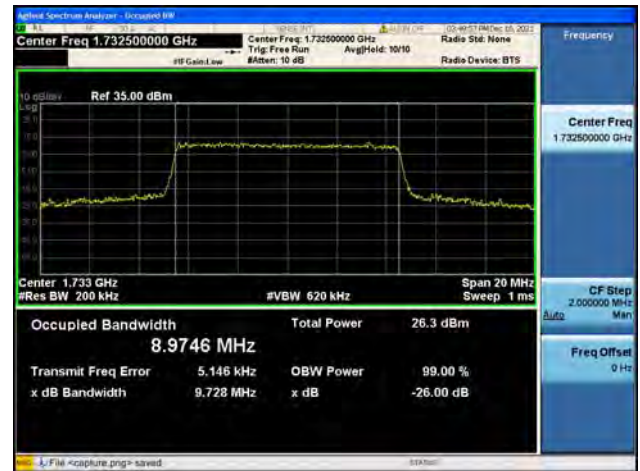




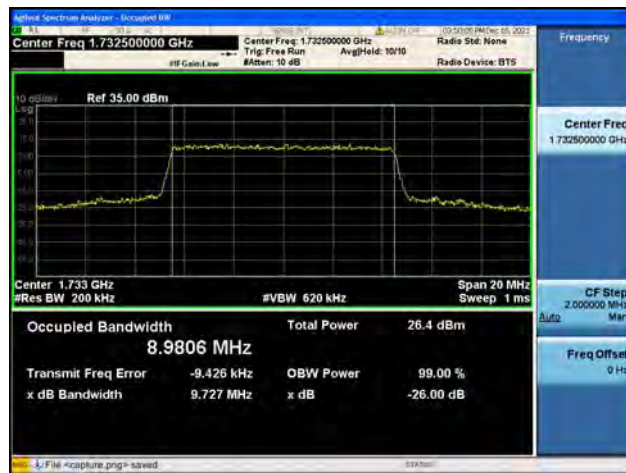
Band4 / 10MHz / Mid CH / QPSK



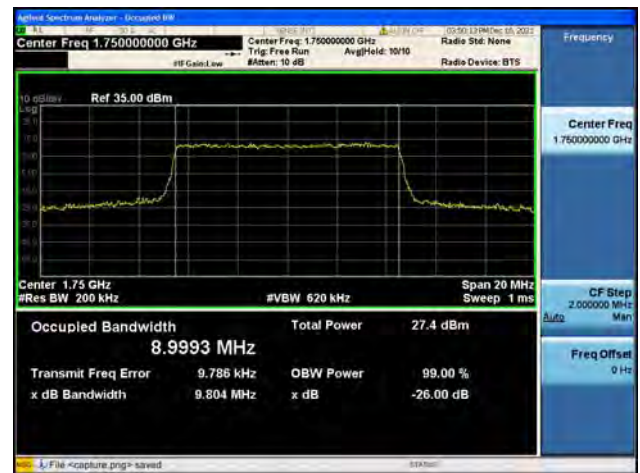
Band4 / 10MHz / Mid CH / 16QAM



Band4 / 10MHz / Mid CH / 64QAM



Band4 / 10MHz / High CH / QPSK



Band4 / 10MHz / High CH / 16QAM

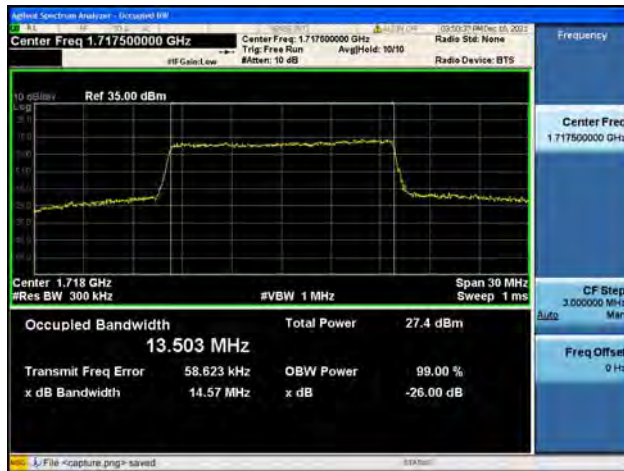


Band4 / 10MHz / High CH / 64QAM

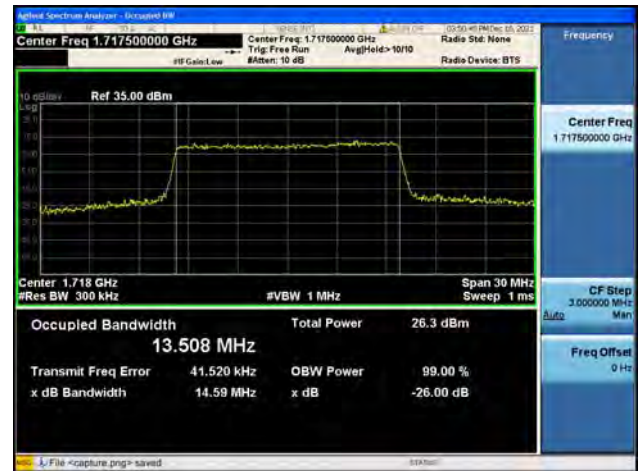




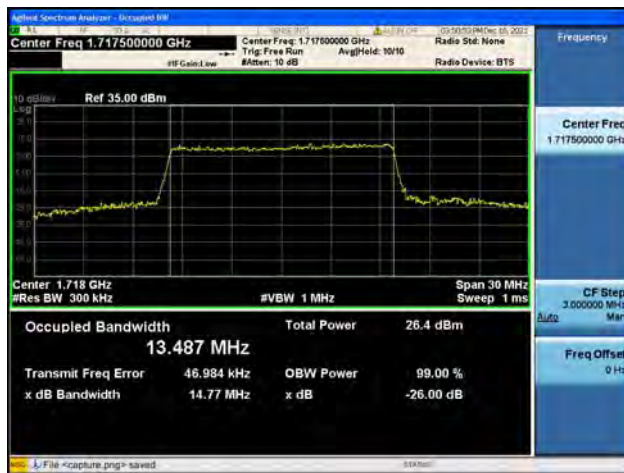
Band4 / 15MHz / Low CH / QPSK



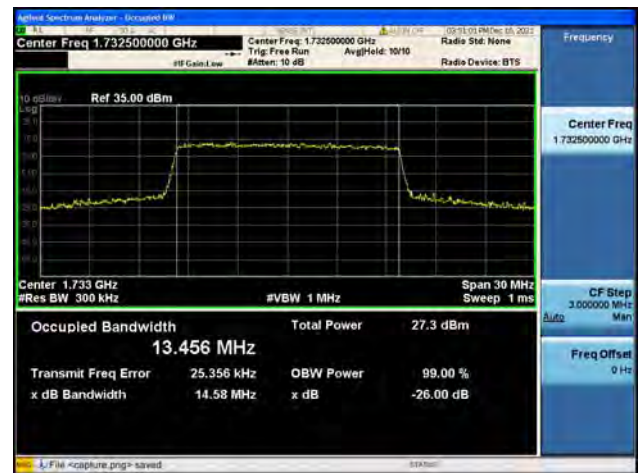
Band4 / 15MHz / Low CH / 16QAM



Band4 / 15MHz / Low CH / 64QAM



Band4 / 15MHz / Mid CH / QPSK



Band4 / 15MHz / Mid CH / 16QAM

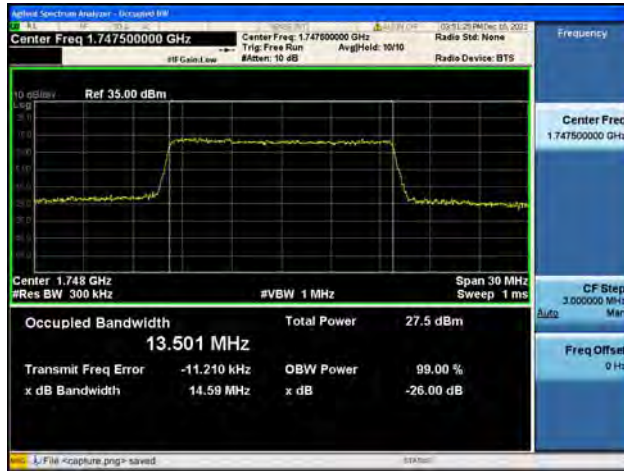


Band4 / 15MHz / Mid CH / 64QAM





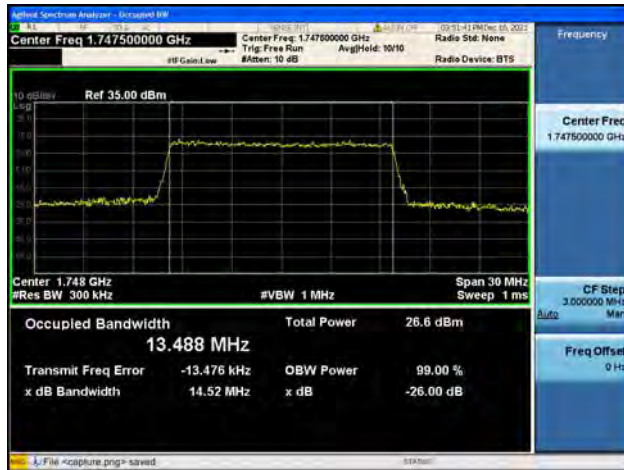
Band4 / 15MHz / High CH / QPSK



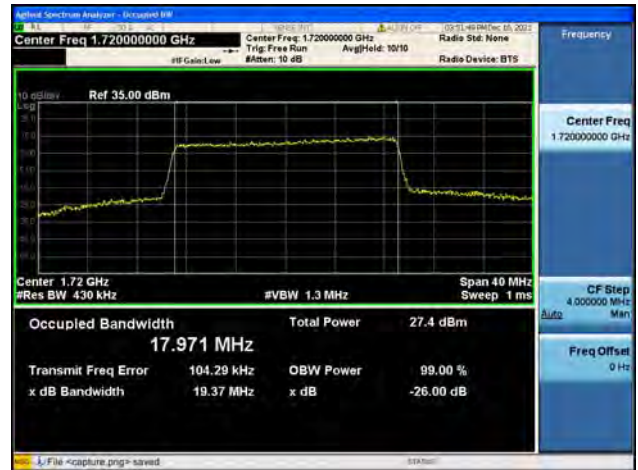
Band4 / 15MHz / High CH / 16QAM



Band4 / 15MHz / High CH / 64QAM



Band4 / 20MHz / Low CH / QPSK



Band4 / 20MHz / Low CH / 16QAM

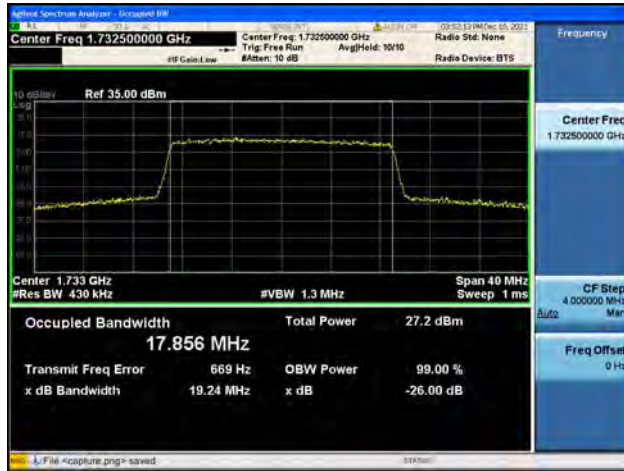


Band4 / 20MHz / Low CH / 64QAM

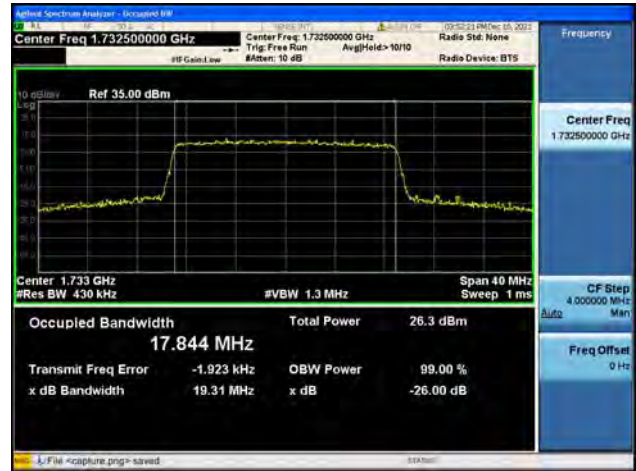




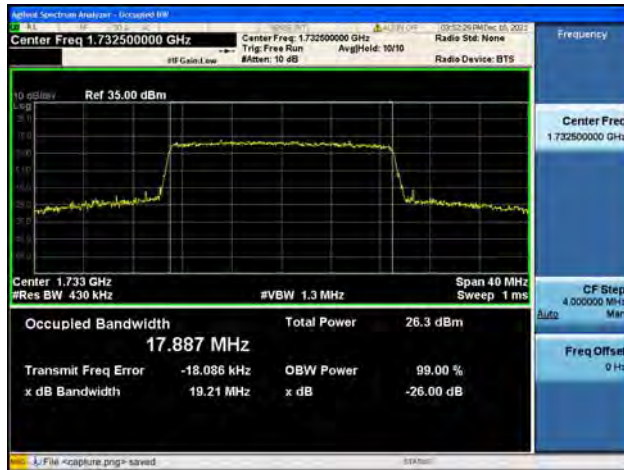
Band4 / 20MHz / Mid CH / QPSK



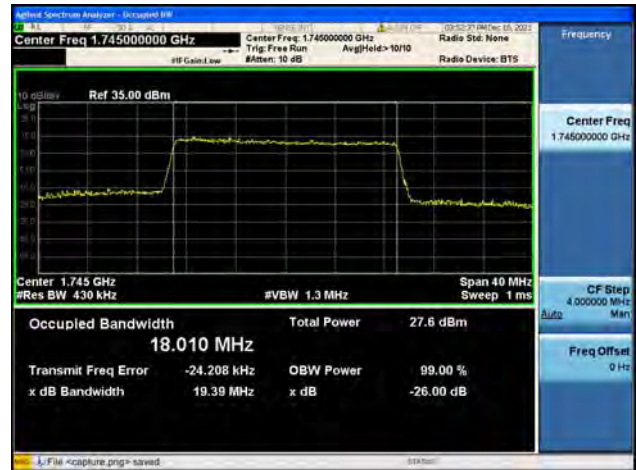
Band4 / 20MHz / Mid CH / 16QAM



Band4 / 20MHz / Mid CH / 64QAM



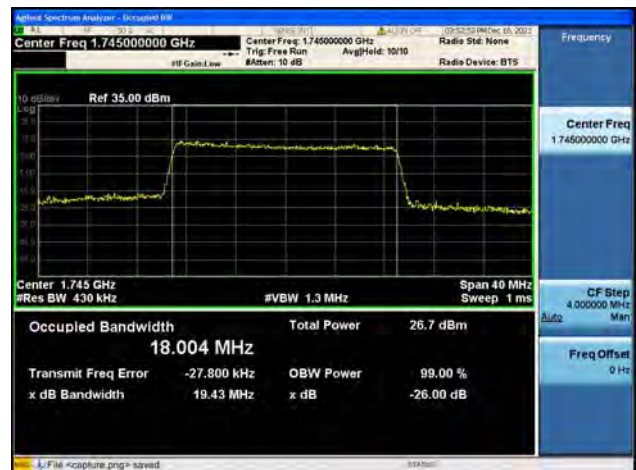
Band4 / 20MHz / High CH / QPSK



Band4 / 20MHz / High CH / 16QAM

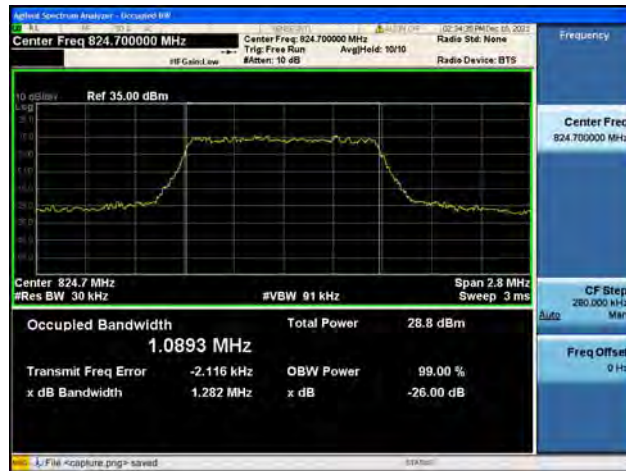


Band4 / 20MHz / High CH / 64QAM

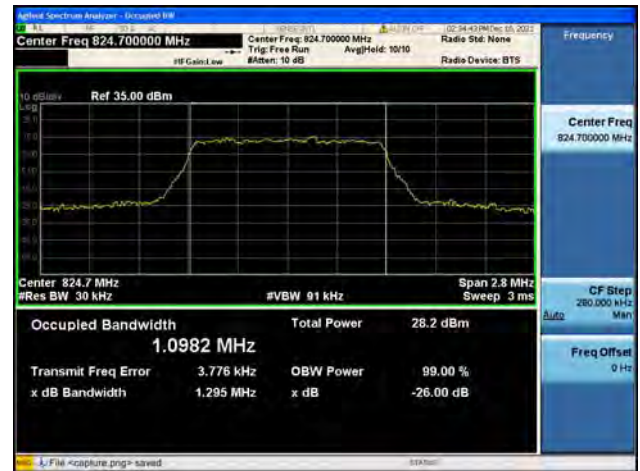




Band5 / 1.4MHz / Low CH / QPSK



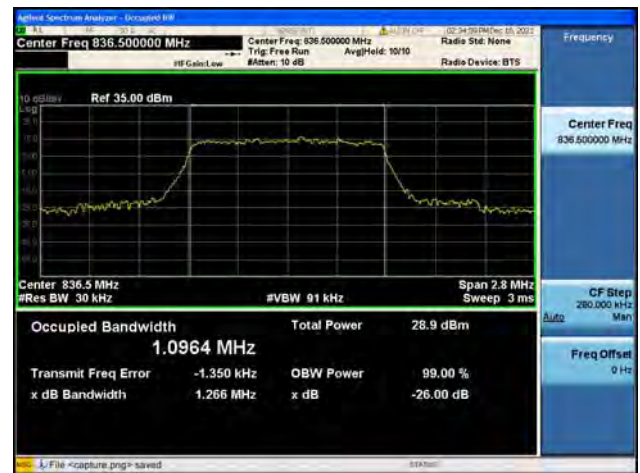
Band5 / 1.4MHz / Low CH / 16QAM



Band5 / 1.4MHz / Low CH / 64QAM



Band5 / 1.4MHz / Mid CH / QPSK



Band5 / 1.4MHz / Mid CH / 16QAM

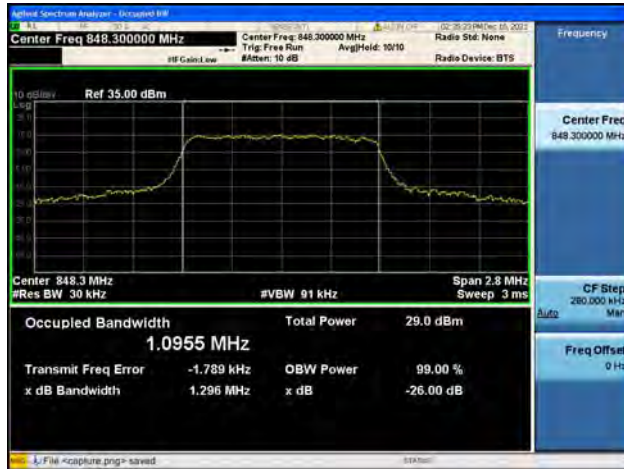


Band5 / 1.4MHz / Mid CH / 64QAM

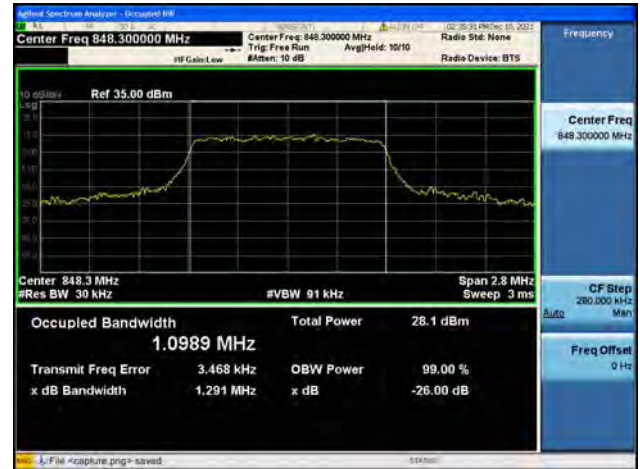




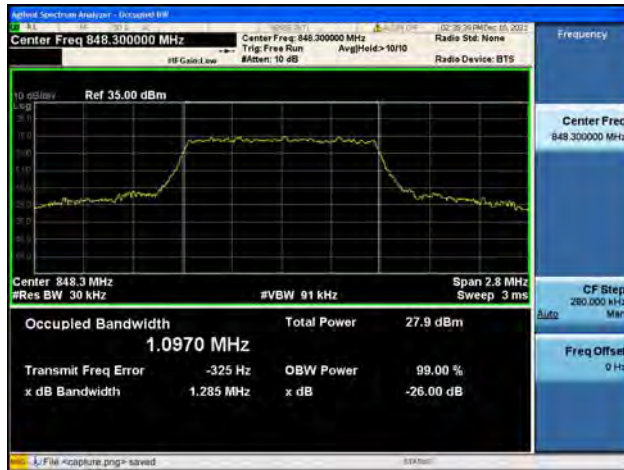
Band5 / 1.4MHz / High CH / QPSK



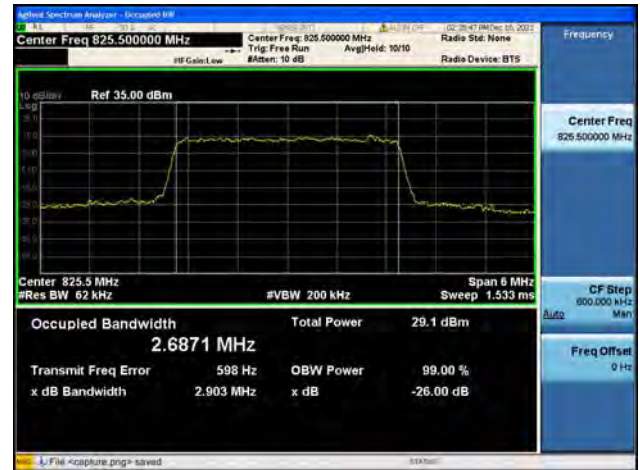
Band5 / 1.4MHz / High CH / 16QAM



Band5 / 1.4MHz / High CH / 64QAM



Band5 / 3MHz / Low CH / QPSK



Band5 / 3MHz / Low CH / 16QAM

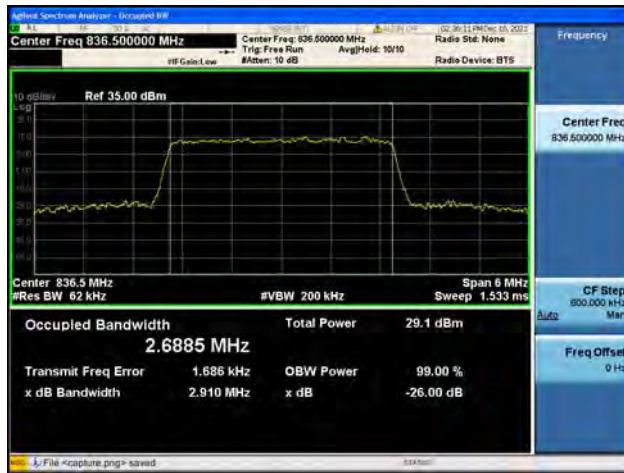


Band5 / 3MHz / Low CH / 64QAM

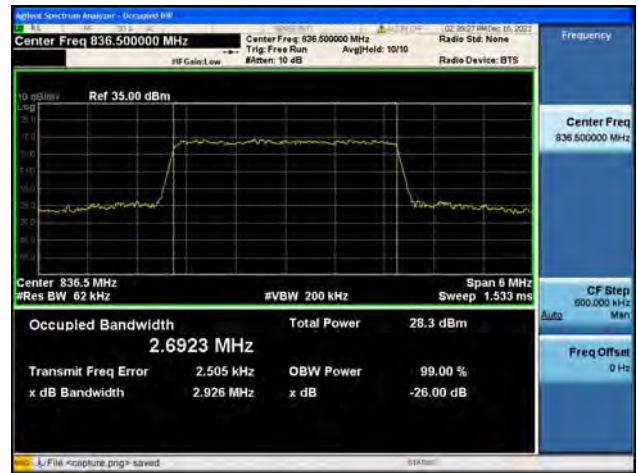




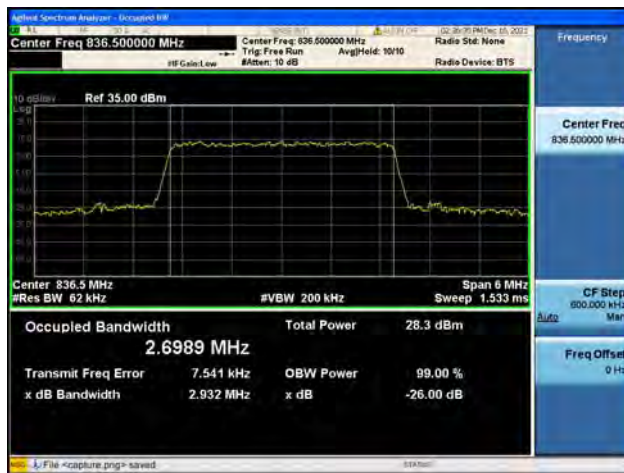
Band5 / 3MHz / Mid CH / QPSK



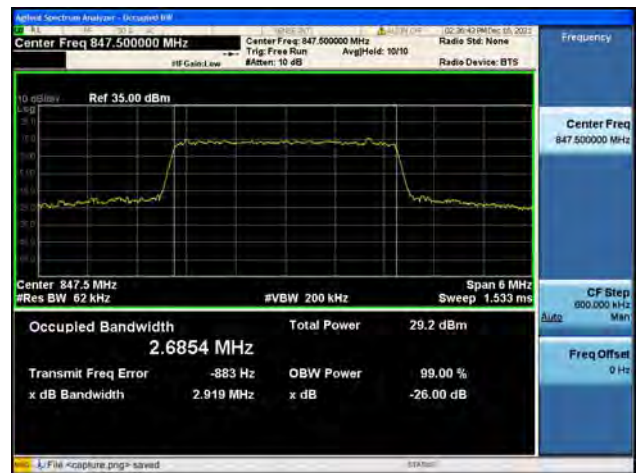
Band5 / 3MHz / Mid CH / 16QAM



Band5 / 3MHz / Mid CH / 64QAM



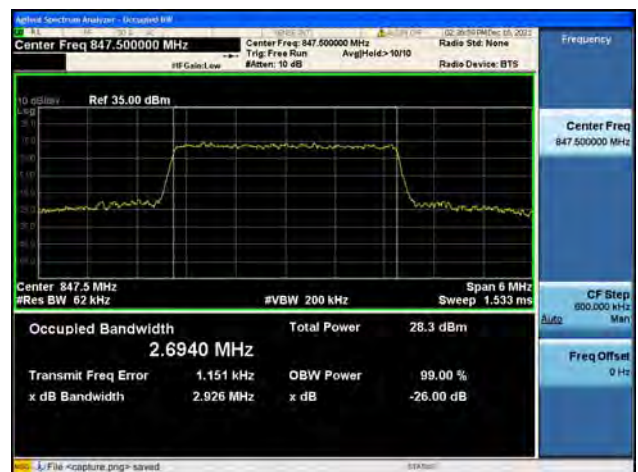
Band5 / 3MHz / High CH / QPSK



Band5 / 3MHz / High CH / 16QAM

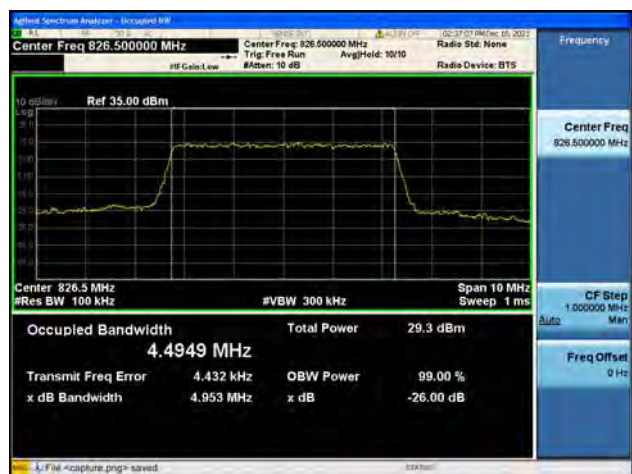


Band5 / 3MHz / High CH / 64QAM





Band5 / 5MHz / Low CH / QPSK



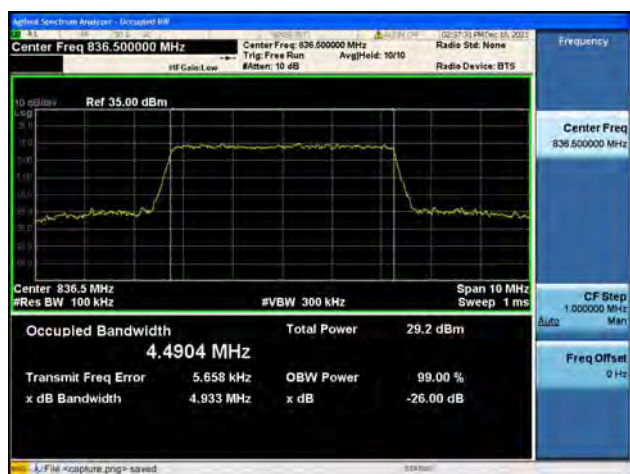
Band5 / 5MHz / Low CH / 16QAM



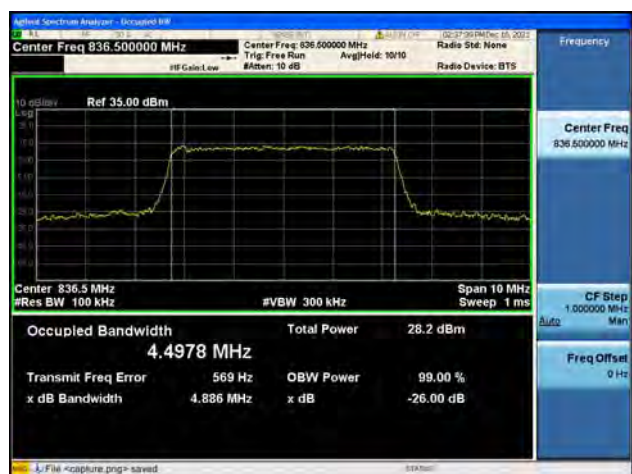
Band5 / 5MHz / Low CH / 64QAM



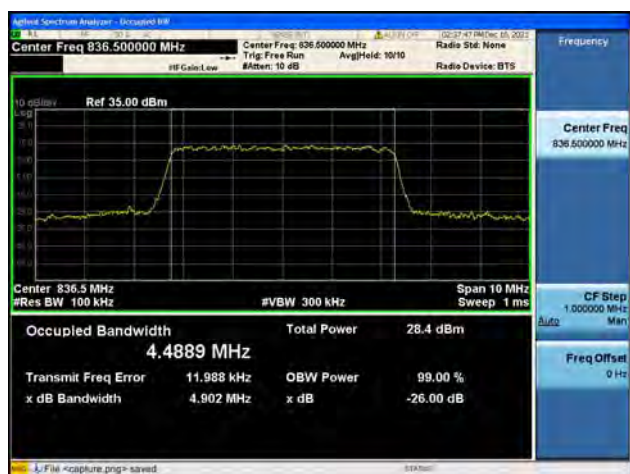
Band5 / 5MHz / Mid CH / QPSK



Band5 / 5MHz / Mid CH / 16QAM

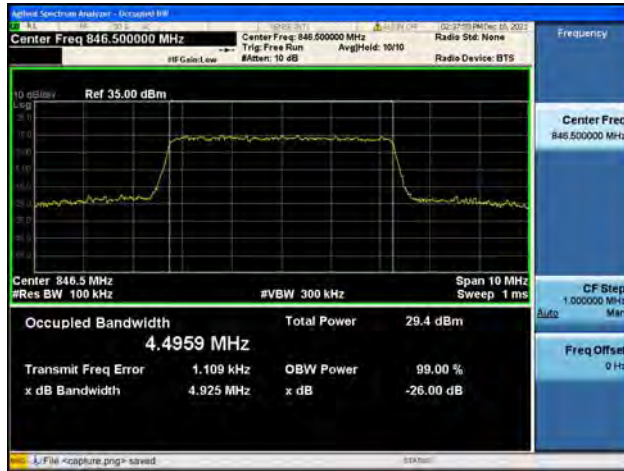


Band5 / 5MHz / Mid CH / 64QAM

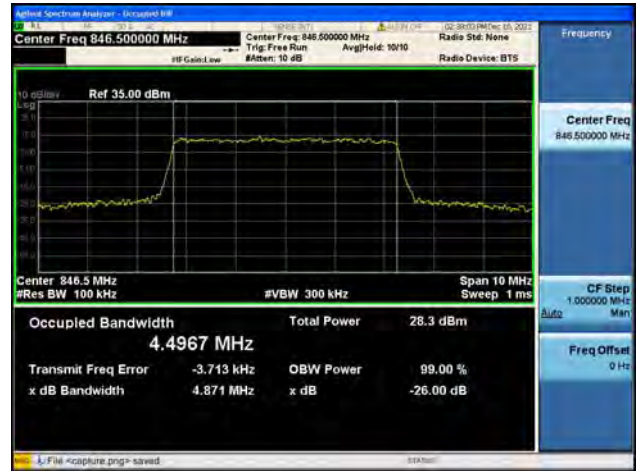




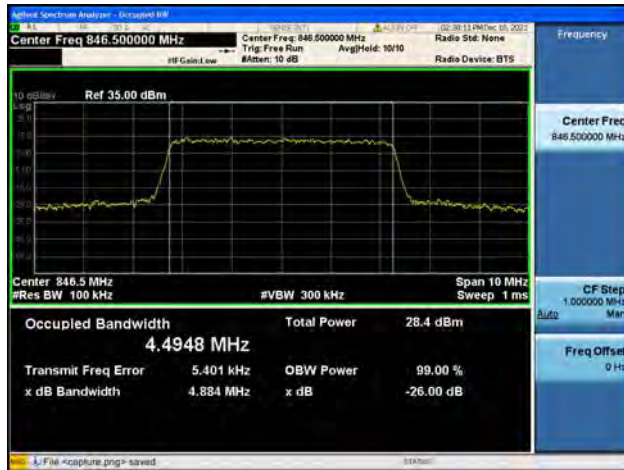
Band5 / 5MHz / High CH / QPSK



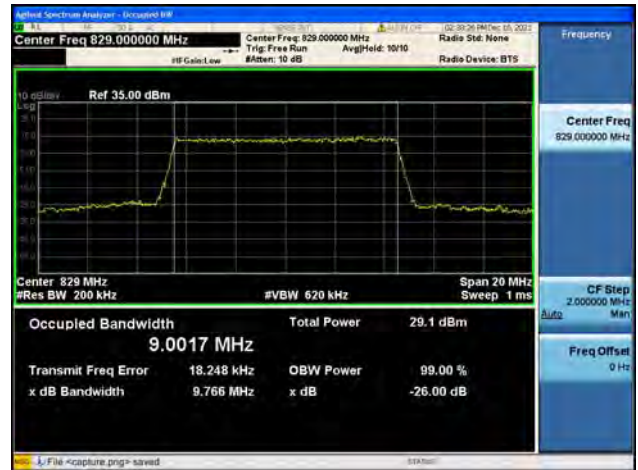
Band5 / 5MHz / High CH / 16QAM



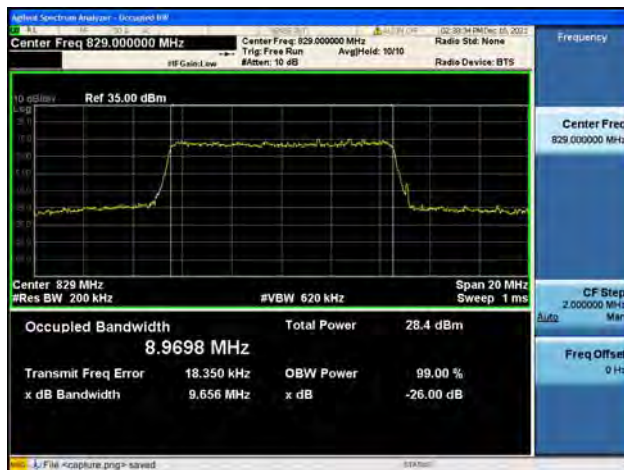
Band5 / 5MHz / High CH / 64QAM



Band5 / 10MHz / Low CH / QPSK



Band5 / 10MHz / Low CH / 16QAM

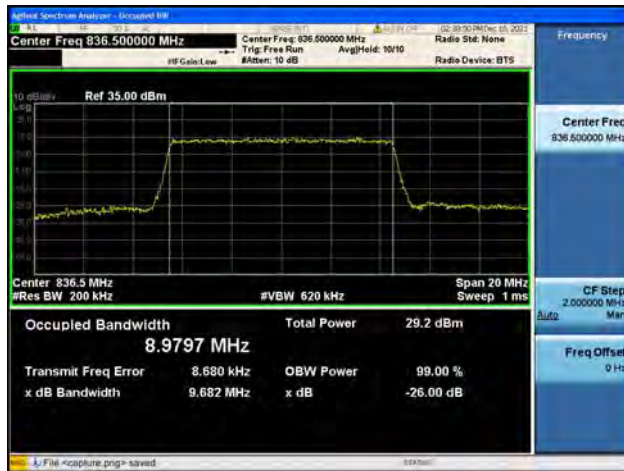


Band5 / 10MHz / Low CH / 64QAM

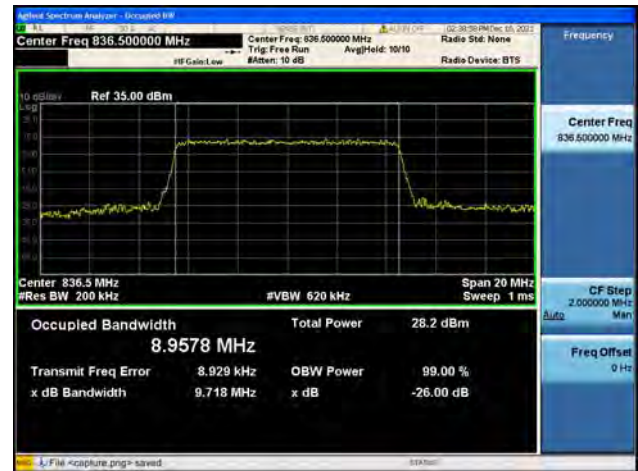




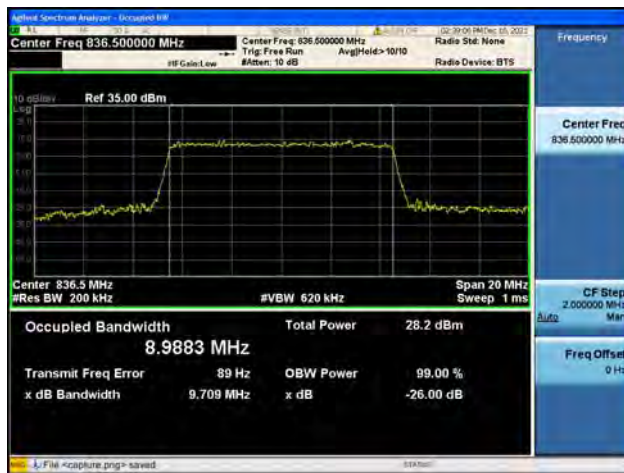
Band5 / 10MHz / Mid CH / QPSK



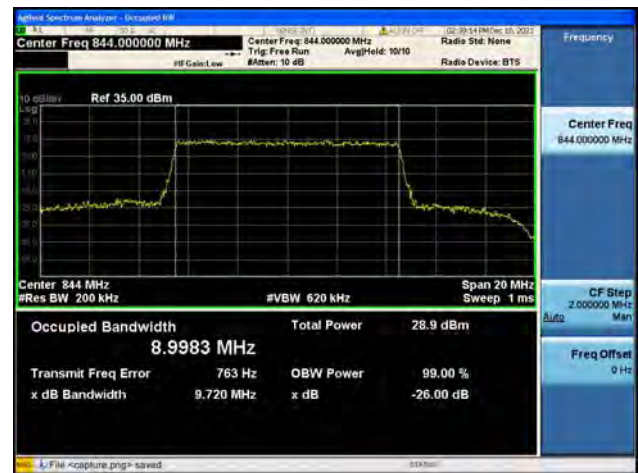
Band5 / 10MHz / Mid CH / 16QAM



Band5 / 10MHz / Mid CH / 64QAM



Band5 / 10MHz / High CH / QPSK



Band5 / 10MHz / High CH / 16QAM

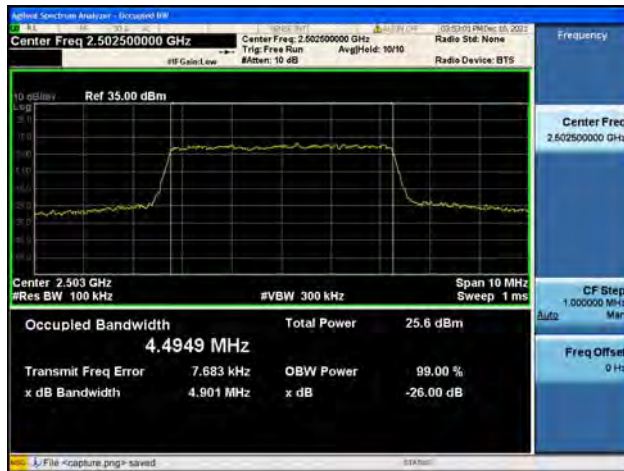


Band5 / 10MHz / High CH / 64QAM

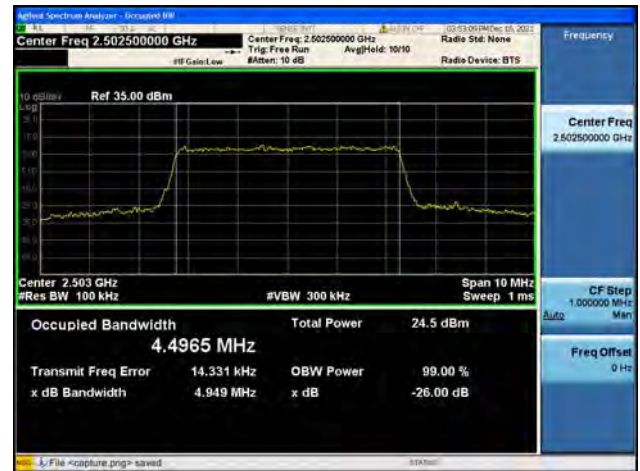




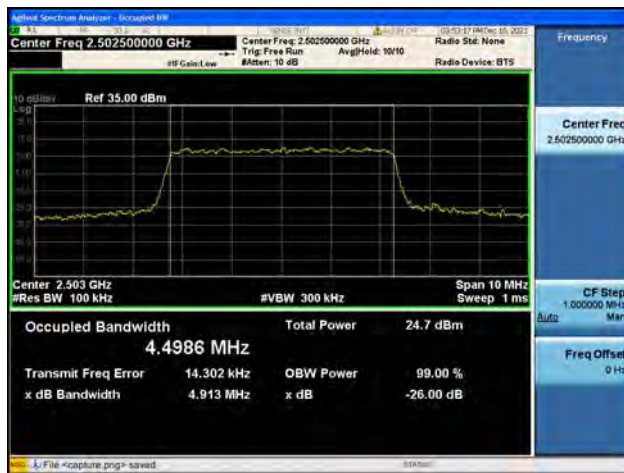
Band7 / 5MHz / Low CH / QPSK



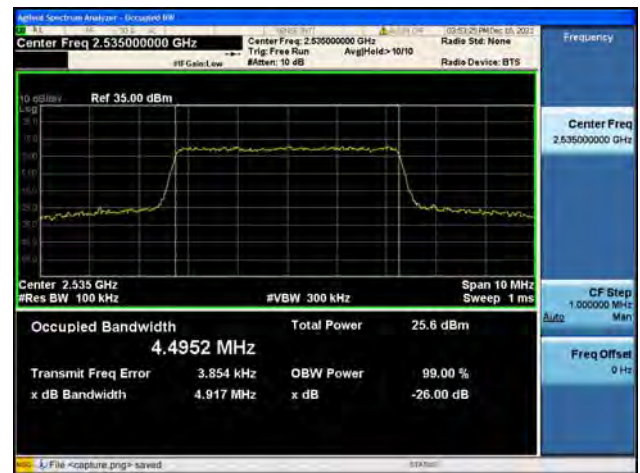
Band7 / 5MHz / Low CH / 16QAM



Band7 / 5MHz / Low CH / 64QAM



Band7 / 5MHz / Mid CH / QPSK



Band7 / 5MHz / Mid CH / 16QAM

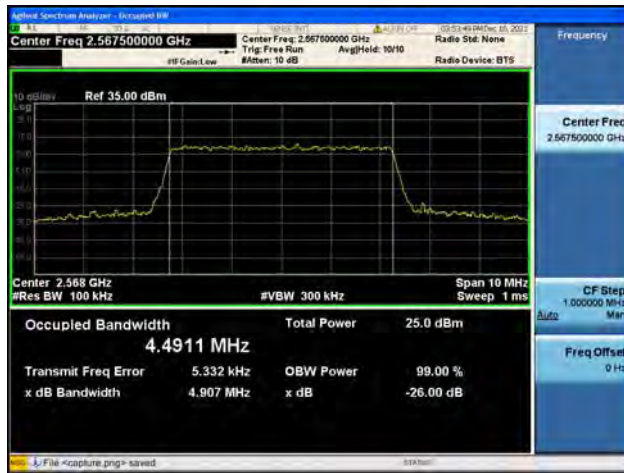


Band7 / 5MHz / Mid CH / 64QAM

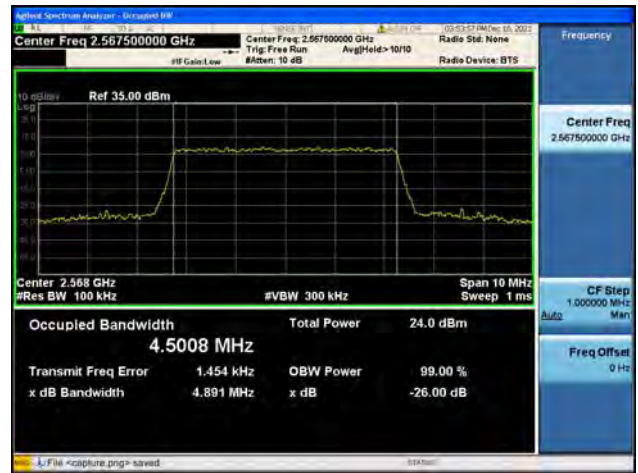




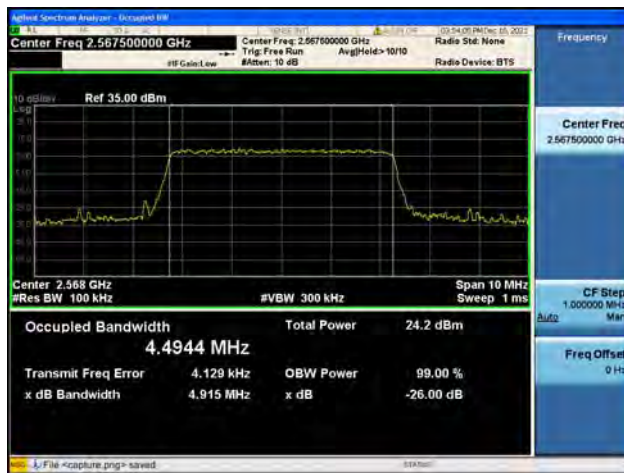
Band7 / 5MHz / High CH / QPSK



Band7 / 5MHz / High CH / 16QAM



Band7 / 5MHz / High CH / 64QAM



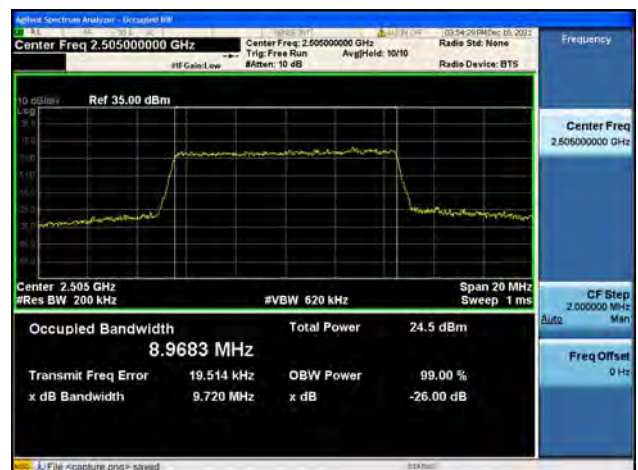
Band7 / 10MHz / Low CH / QPSK



Band7 / 10MHz / Low CH / 16QAM

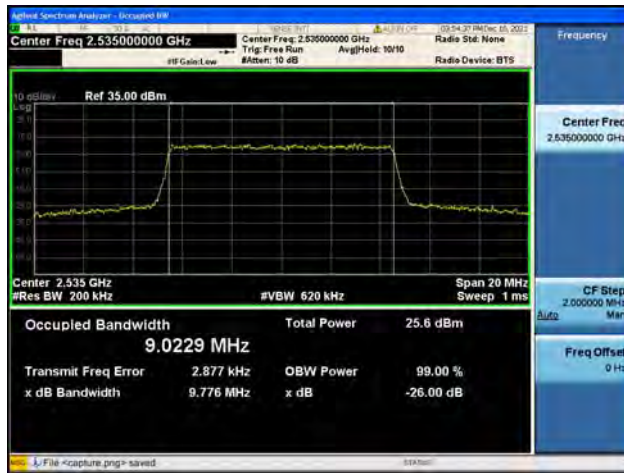


Band7 / 10MHz / Low CH / 64QAM

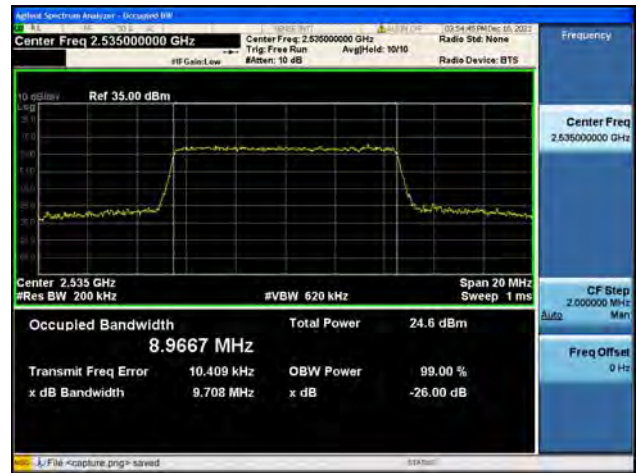




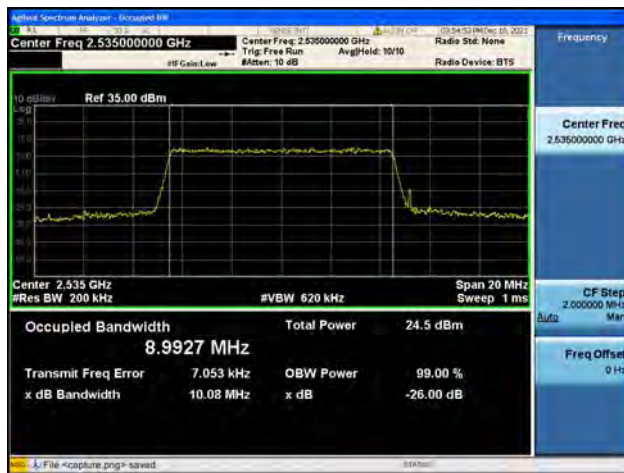
Band7 / 10MHz / Mid CH / QPSK



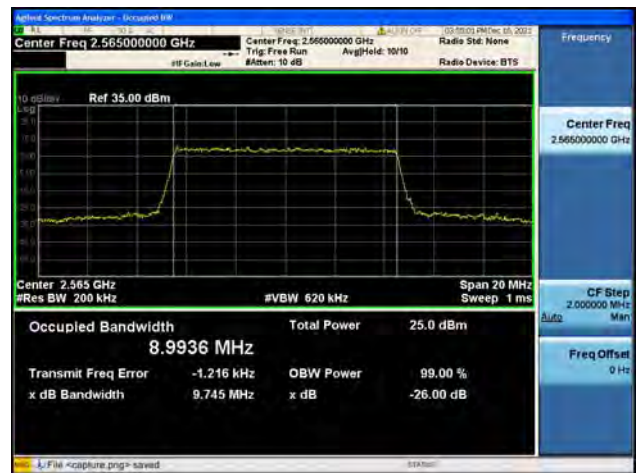
Band7 / 10MHz / Mid CH / 16QAM



Band7 / 10MHz / Mid CH / 64QAM



Band7 / 10MHz / High CH / QPSK



Band7 / 10MHz / High CH / 16QAM

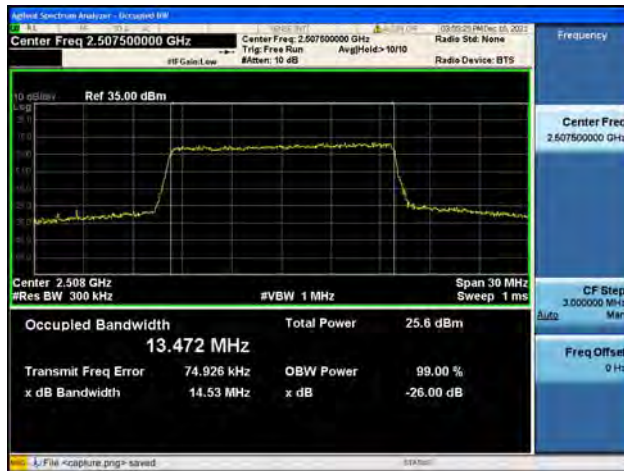


Band7 / 10MHz / High CH / 64QAM

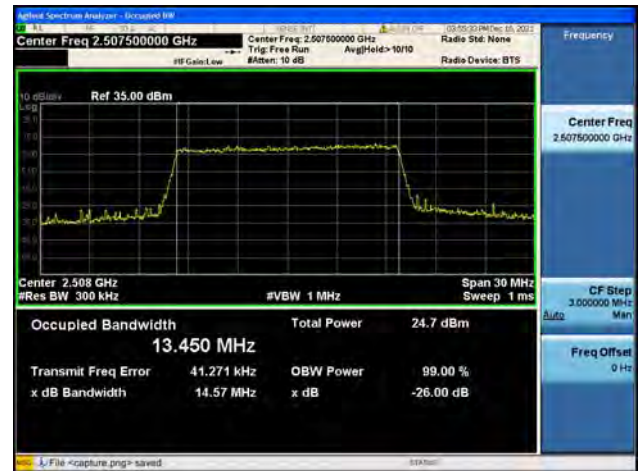




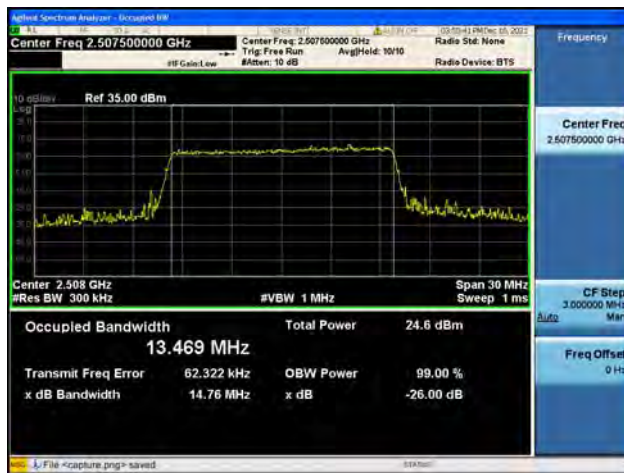
Band7 / 15MHz / Low CH / QPSK



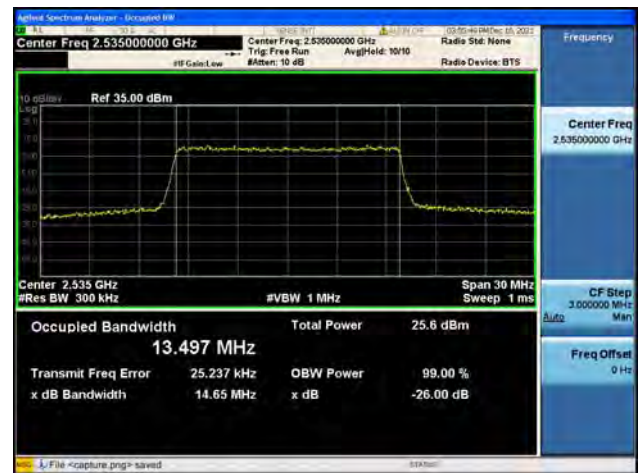
Band7 / 15MHz / Low CH / 16QAM



Band7 / 15MHz / Low CH / 64QAM



Band7 / 15MHz / Mid CH / QPSK



Band7 / 15MHz / Mid CH / 16QAM

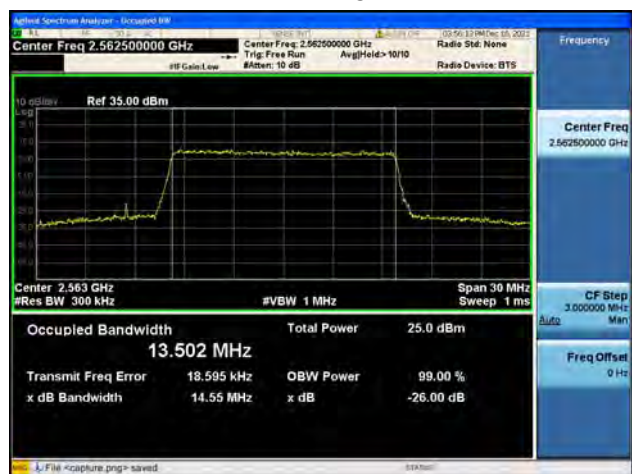


Band7 / 15MHz / Mid CH / 64QAM

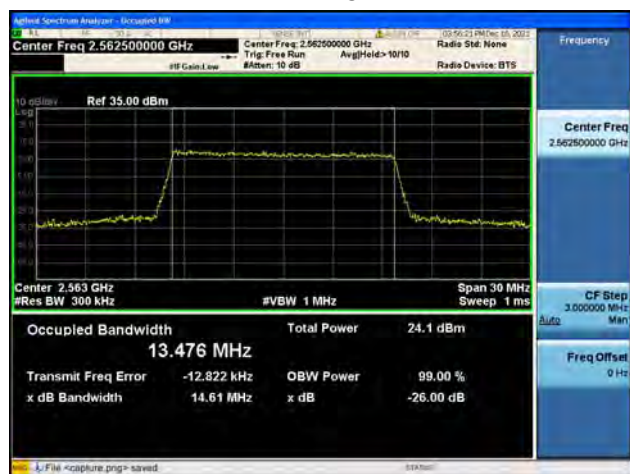




Band7 / 15MHz / High CH / QPSK



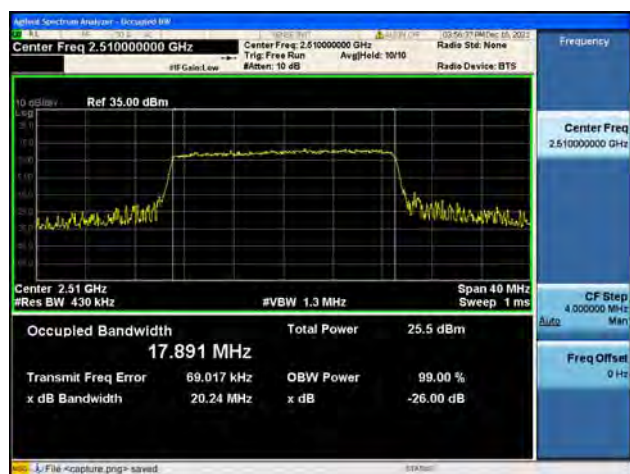
Band7 / 15MHz / High CH / 16QAM



Band7 / 15MHz / High CH / 64QAM



Band7 / 20MHz / Low CH / QPSK



Band7 / 20MHz / Low CH / 16QAM

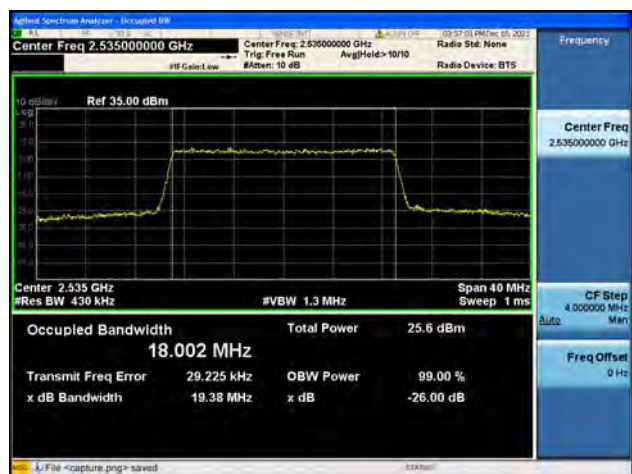


Band7 / 20MHz / Low CH / 64QAM

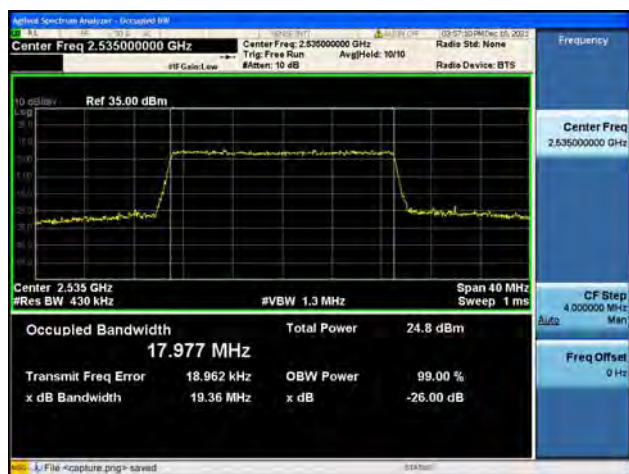




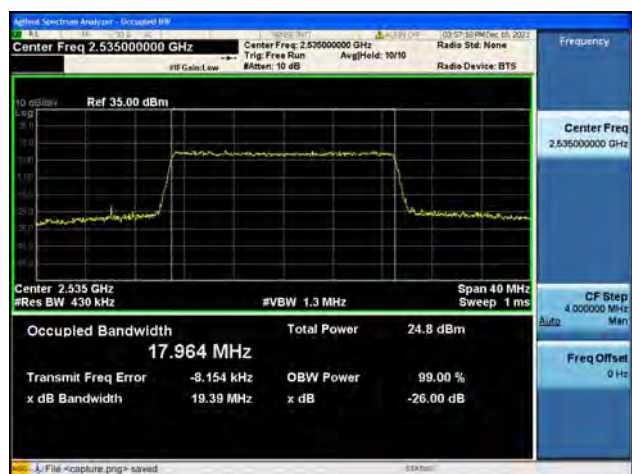
Band7 / 20MHz / Mid CH / QPSK



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

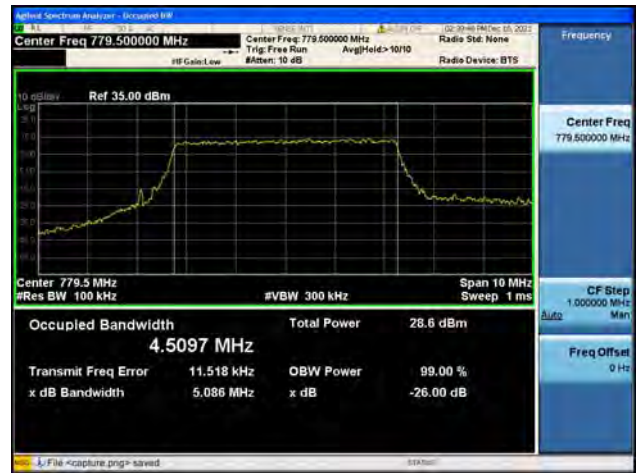




Band13 / 5MHz / Low CH / QPSK



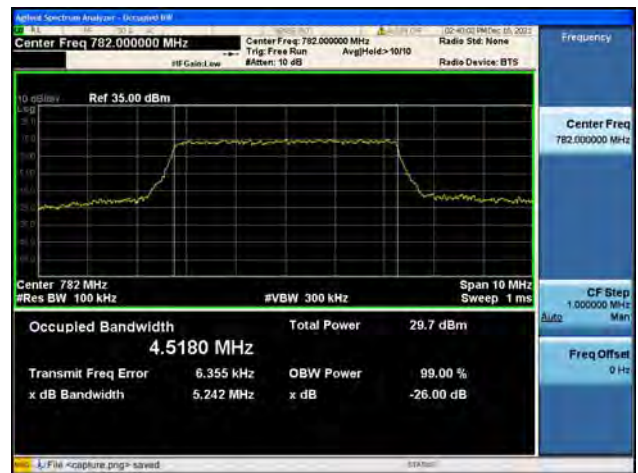
Band13 / 5MHz / Low CH / 16QAM



Band13 / 5MHz / Low CH / 64QAM



Band13 / 5MHz / Mid CH / QPSK



Band13 / 5MHz / Mid CH / 16QAM

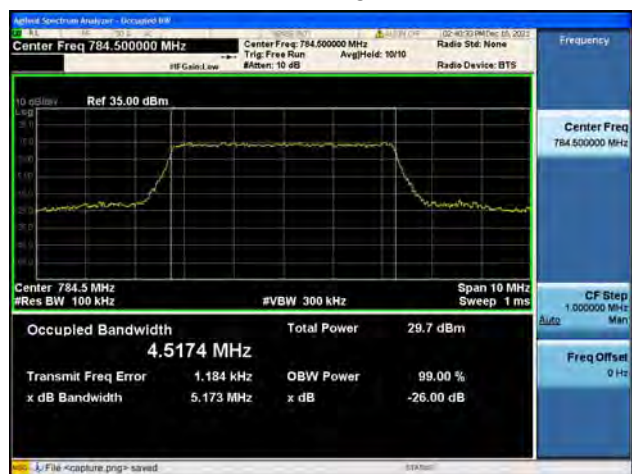


Band13 / 5MHz / Mid CH / 64QAM

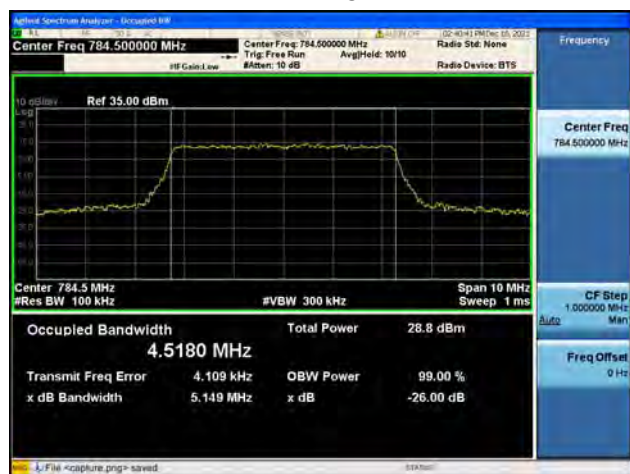




Band13 / 5MHz / High CH / QPSK



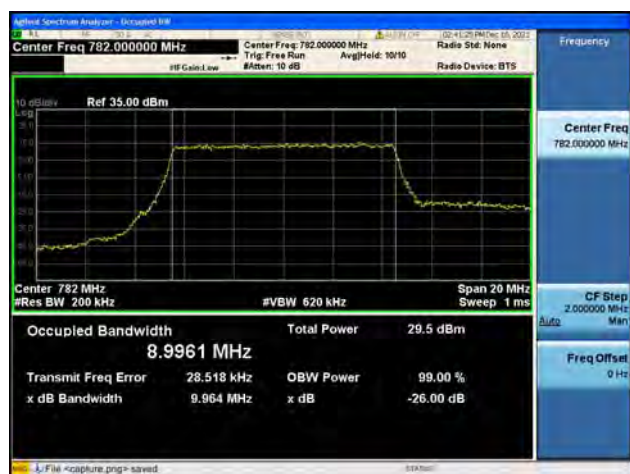
Band13 / 5MHz / High CH / 16QAM



Band13 / 5MHz / High CH / 64QAM



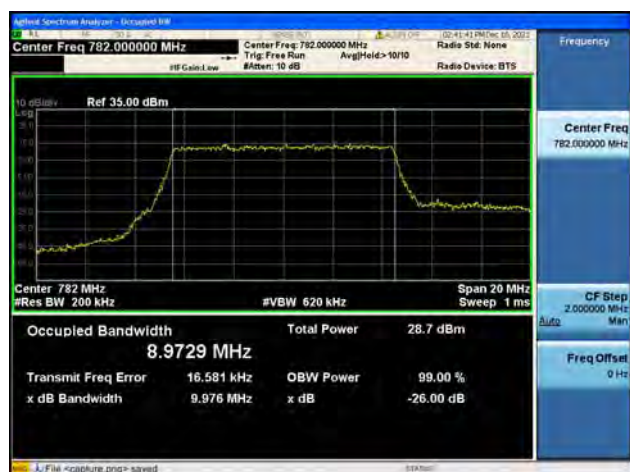
Band13 / 10MHz / Mid CH / QPSK



Band13 / 10MHz / Mid CH / 16QAM



Band13 / 10MHz / Mid CH / 64QAM





Band26 / 1.4MHz / Low CH / QPSK



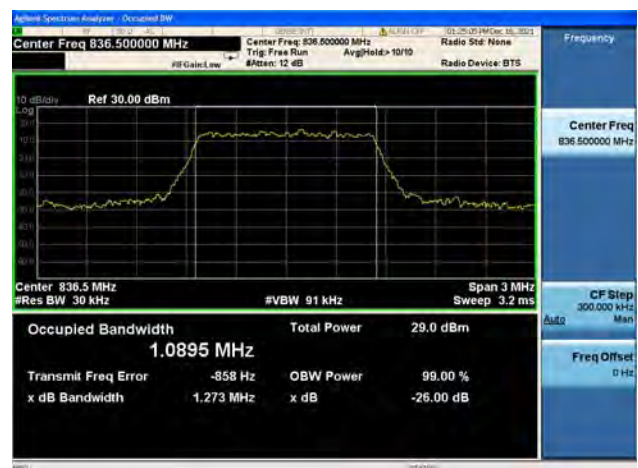
Band26 / 1.4MHz / Low CH / 16QAM



Band26 / 1.4MHz / Low CH / 64QAM



Band26 / 1.4MHz / Mid CH / QPSK



Band26 / 1.4MHz / Mid CH / 16QAM



Band26 / 1.4MHz / Mid CH / 64QAM





Band26 / 1.4MHz / High CH / QPSK



Band26 / 1.4MHz / High CH / 16QAM



Band26 / 1.4MHz / High CH / 64QAM



Band26 / 3MHz / Low CH / QPSK



Band26 / 3MHz / Low CH / 16QAM



Band26 / 3MHz / Low CH / 64QAM





Band26 / 3MHz / Mid CH / QPSK



Band26 / 3MHz / Mid CH / 16QAM



Band26 / 3MHz / Mid CH / 64QAM



Band26 / 3MHz / High CH / QPSK



Band26 / 3MHz / High CH / 16QAM



Band26 / 3MHz / High CH / 64QAM





Band26 / 5MHz / Low CH / QPSK



Band26 / 5MHz / Low CH / 16QAM



Band26 / 5MHz / Low CH / 64QAM



Band26 / 5MHz / Mid CH / QPSK



Band26 / 5MHz / Mid CH / 16QAM



Band26 / 5MHz / Mid CH / 64QAM





Band26 / 5MHz / High CH / QPSK



Band26 / 5MHz / High CH / 16QAM



Band26 / 5MHz / High CH / 64QAM



Band26 / 10MHz / Low CH / QPSK



Band26 / 10MHz / Low CH / 16QAM



Band26 / 10MHz / Low CH / 64QAM





Band26 / 10MHz / Mid CH / QPSK



Band26 / 10MHz / Mid CH / 16QAM



Band26 / 10MHz / Mid CH / 64QAM



Band26 / 10MHz / High CH / QPSK



Band26 / 10MHz / High CH / 16QAM



Band26 / 10MHz / High CH / 64QAM

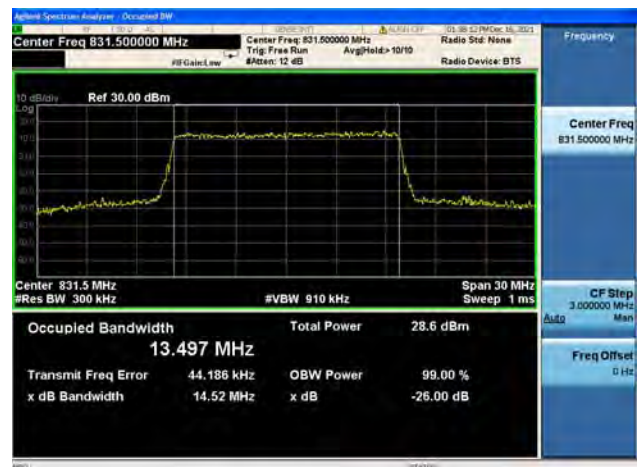




Band26 / 15MHz / Low CH / QPSK



Band26 / 15MHz / Low CH / 16QAM



Band26 / 15MHz / Low CH / 64QAM



Band26 / 15MHz / Mid CH / QPSK



Band26 / 15MHz / Mid CH / 16QAM



Band26 / 15MHz / Mid CH / 64QAM





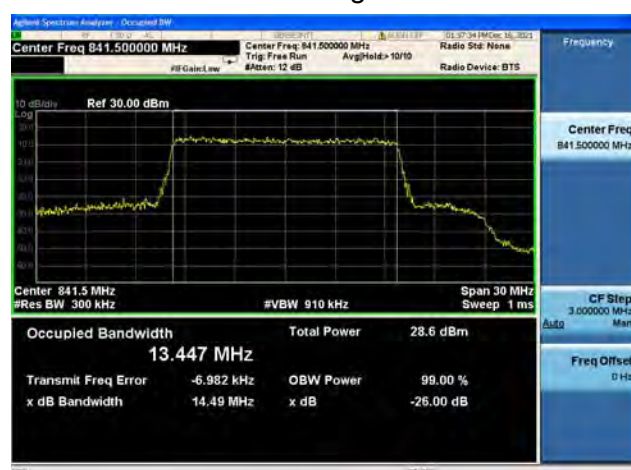
Band26 / 15MHz / High CH / QPSK



Band26 / 15MHz / High CH / 16QAM



Band26 / 15MHz / High CH / 64QAM

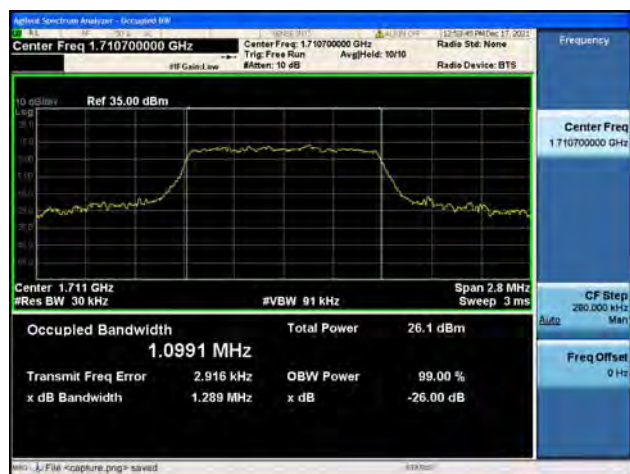




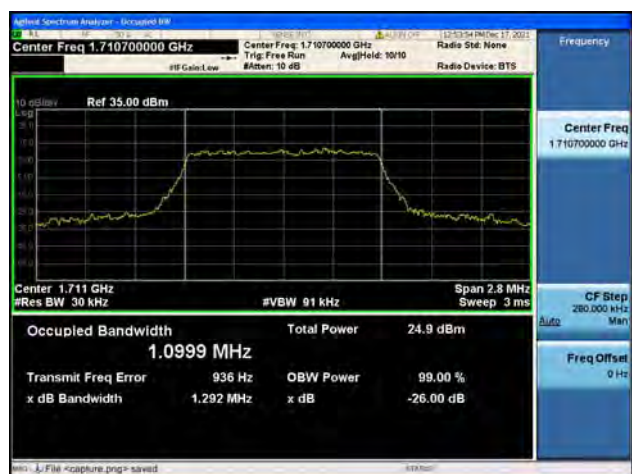
Band66 / 1.4MHz / Low CH / QPSK



Band66 / 1.4MHz / Low CH / 16QAM



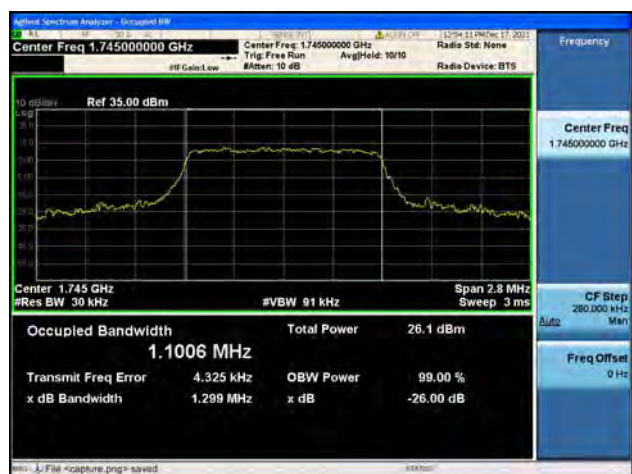
Band66 / 1.4MHz / Low CH / 64QAM



Band66 / 1.4MHz / Mid CH / QPSK



Band66 / 1.4MHz / Mid CH / 16QAM

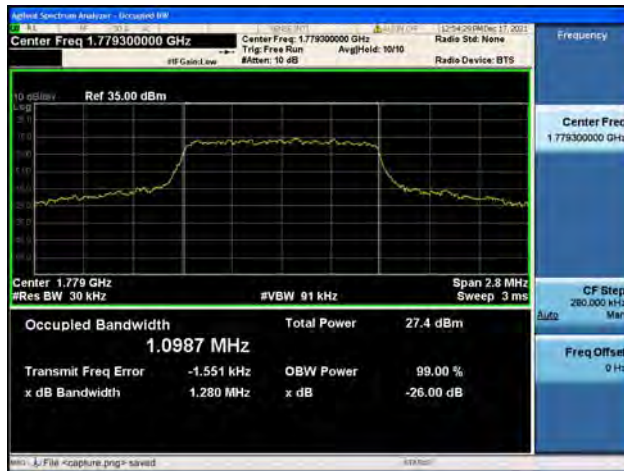


Band66 / 1.4MHz / Mid CH / 64QAM

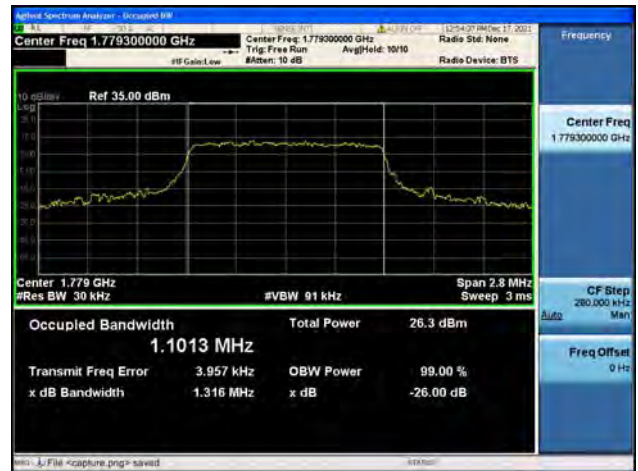




Band66 / 1.4MHz / High CH / QPSK



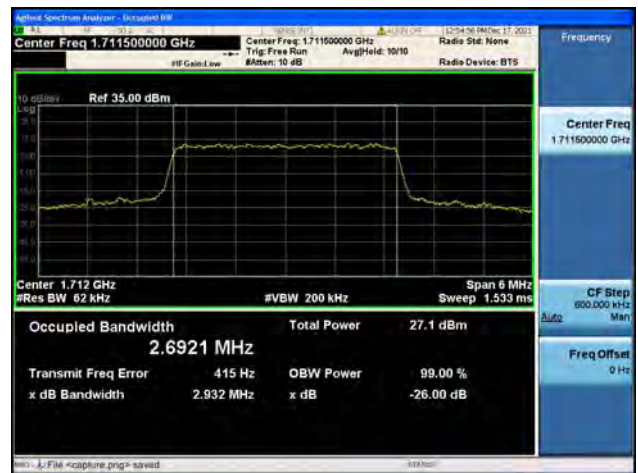
Band66 / 1.4MHz / High CH / 16QAM



Band66 / 1.4MHz / High CH / 64QAM



Band66 / 3MHz / Low CH / QPSK



Band66 / 3MHz / Low CH / 16QAM

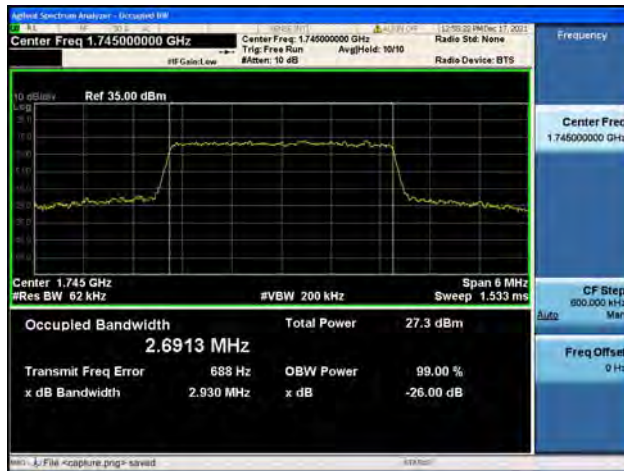


Band66 / 3MHz / Low CH / 64QAM

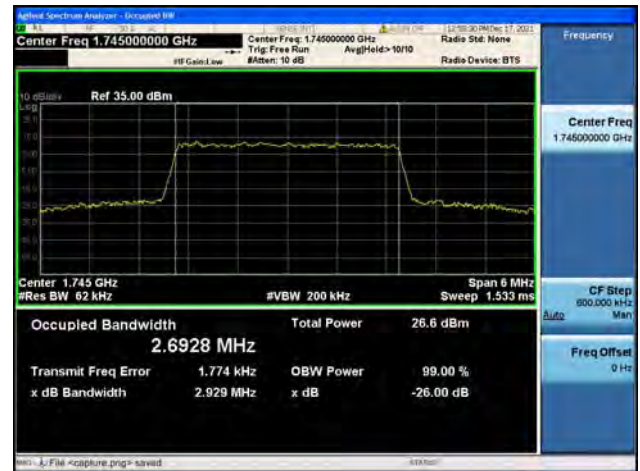




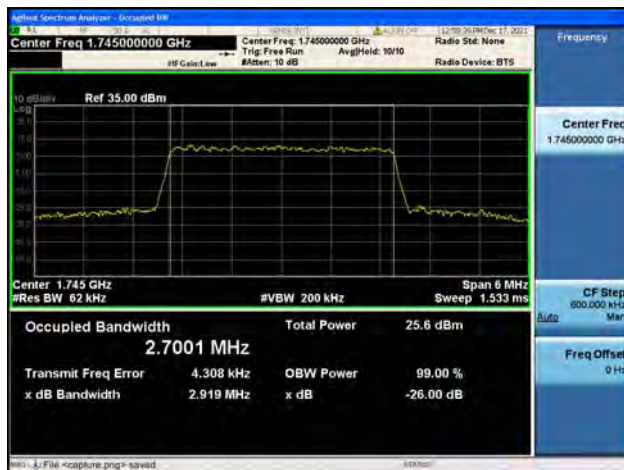
Band66 / 3MHz / Mid CH / QPSK



Band66 / 3MHz / Mid CH / 16QAM



Band66 / 3MHz / Mid CH / 64QAM



Band66 / 3MHz / High CH / QPSK



Band66 / 3MHz / High CH / 16QAM

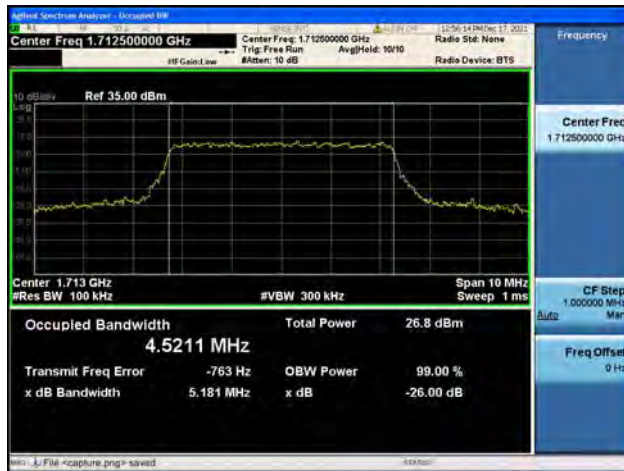


Band66 / 3MHz / High CH / 64QAM





Band66 / 5MHz / Low CH / QPSK



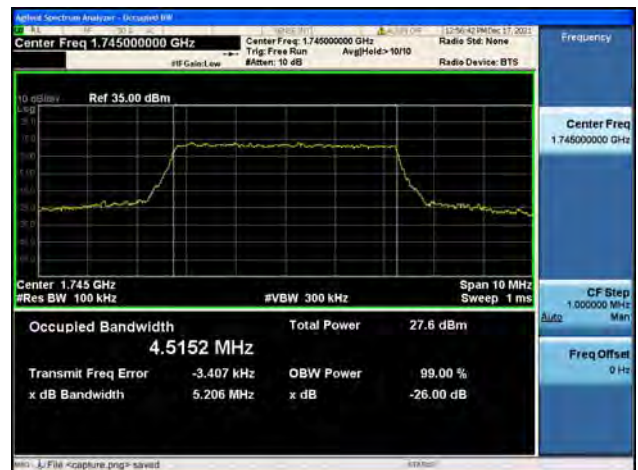
Band66 / 5MHz / Low CH / 16QAM



Band66 / 5MHz / Low CH / 64QAM



Band66 / 5MHz / Mid CH / QPSK



Band66 / 5MHz / Mid CH / 16QAM



Band66 / 5MHz / Mid CH / 64QAM

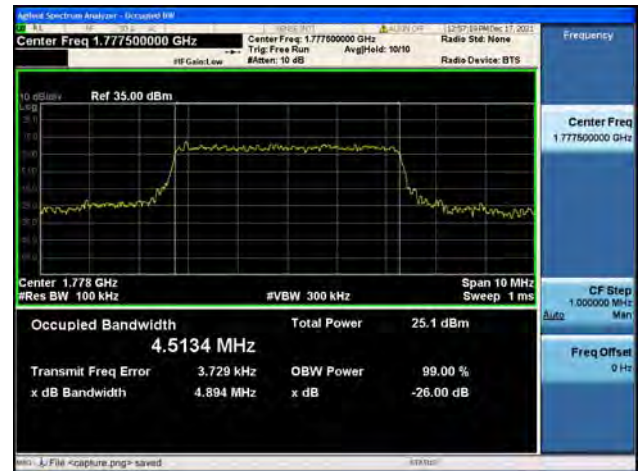




Band66 / 5MHz / High CH / QPSK



Band66 / 5MHz / High CH / 16QAM



Band66 / 5MHz / High CH / 64QAM



Band66 / 10MHz / Low CH / QPSK



Band66 / 10MHz / Low CH / 16QAM

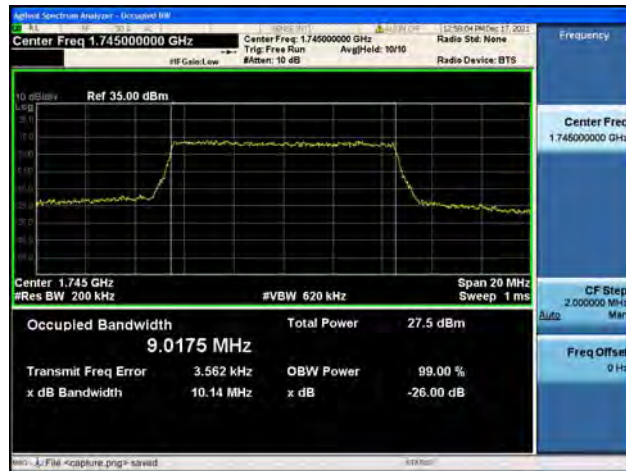


Band66 / 10MHz / Low CH / 64QAM

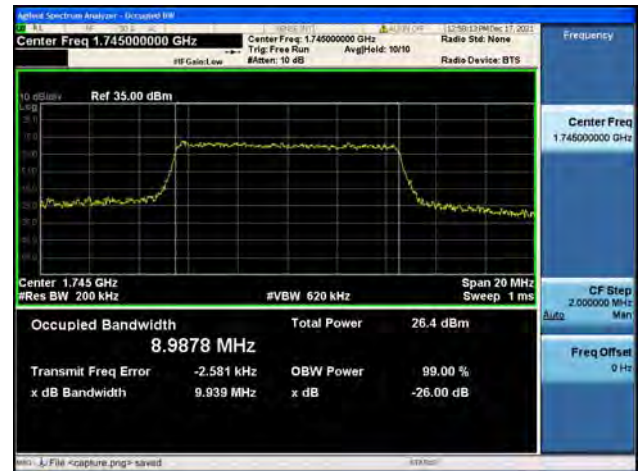




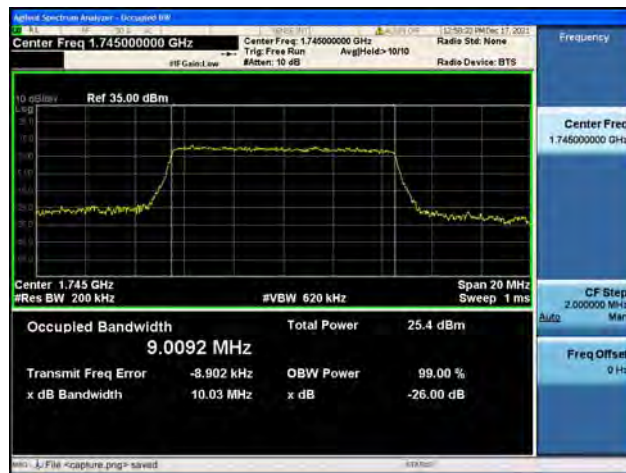
Band66 / 10MHz / Mid CH / QPSK



Band66 / 10MHz / Mid CH / 16QAM



Band66 / 10MHz / Mid CH / 64QAM



Band66 / 10MHz / High CH / QPSK



Band66 / 10MHz / High CH / 16QAM

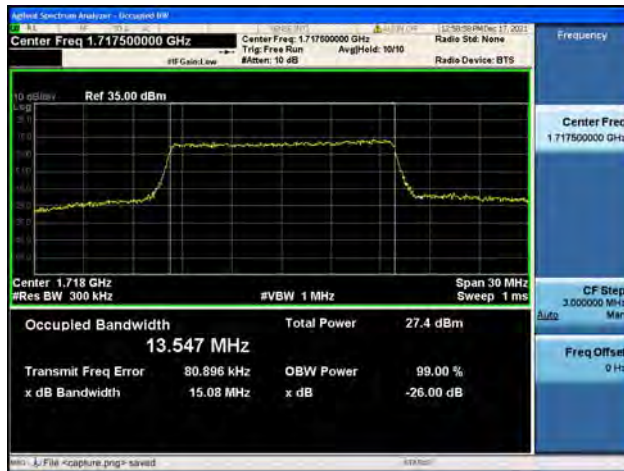


Band66 / 10MHz / High CH / 64QAM

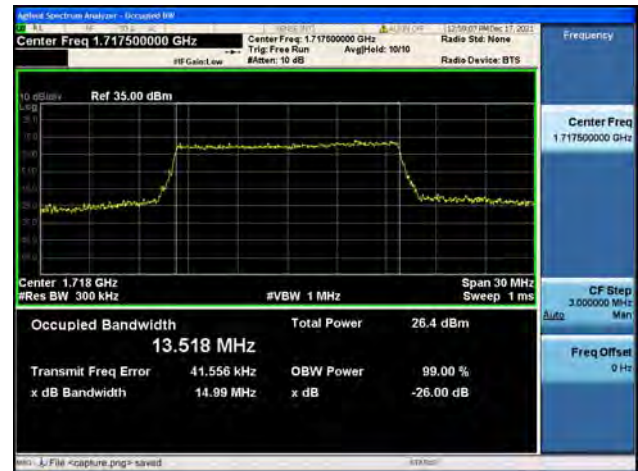




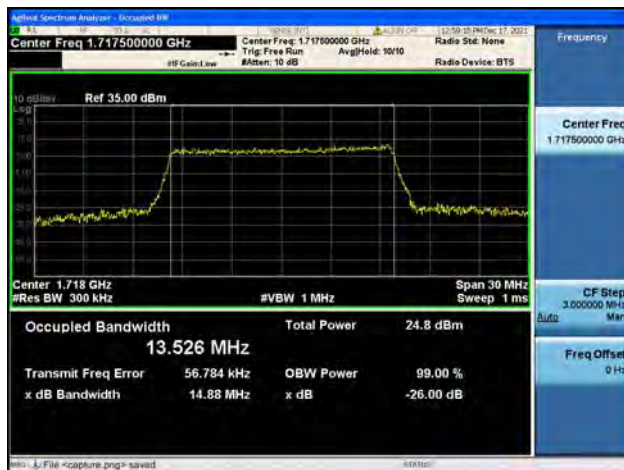
Band66 / 15MHz / Low CH / QPSK



Band66 / 15MHz / Low CH / 16QAM



Band66 / 15MHz / Low CH / 64QAM



Band66 / 15MHz / Mid CH / QPSK



Band66 / 15MHz / Mid CH / 16QAM



Band66 / 15MHz / Mid CH / 64QAM

