



REPORT No. : SZ21110310W05

TEST REPORT

APPLICANT : Realme Chongqing Mobile
Telecommunications Corp., Ltd.

PRODUCT NAME : Mobile Phone

MODEL NAME : RMX3501

BRAND NAME : realme

FCC ID : 2AUYFRMX3501

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

RECEIPT DATE : 2021-12-13

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Change History		
Version	Date	Reason for change
1.0	2022-01-20	First edition



1. Technical Information

Note: Provide by applicant.

1.1. Applicant and Manufacturer Information

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

1.2. Equipment Under Test (EUT) Description

Product Name:	Mobile Phone	
Sample No.:	10#	
Hardware Version:	11	
Software Version:	Android 11	
Modulation Type:	QPSK, 16QAM, 64QAM	
Operation Band:	Band 2 / 4 / 5 / 7 / 12 / 17 / 26 / 38 / 40 / 41 / 66	
Frequency Range:	LTE Band 2	Tx: 1850MHz–1910MHz
		Rx: 1930MHz–1990MHz
	LTE Band 4	Tx: 1710MHz–1755MHz
		Rx: 2110MHz–2155MHz
	LTE Band 5	Tx: 824MHz–849MHz
		Rx: 869MHz–894MHz
	LTE Band 7	Tx: 2500MHz–2570MHz
		Rx: 2620MHz–2690MHz
	LTE Band 12	Tx: 699MHz–716MHz
		Rx: 729MHz–746MHz
	LTE Band 17	Tx: 704MHz–716MHz
		Rx: 734MHz–746MHz
	LTE Band 26	Tx: 824MHz–849MHz
		Rx: 869MHz–894MHz



Frequency Range:	LTE Band 38	Tx: 2570MHz–2620MHz
		Rx: 2570MHz–2620MHz
	LTE Band 40 Block A	Tx: 2305MHz–2315MHz
		Rx: 2305MHz–2315MHz
	LTE Band 40 Block B	Tx: 2350MHz–2360MHz
		Rx: 2350MHz–2360MHz
Channel Bandwidth:	LTE Band 41	Tx: 2535MHz–2655MHz
		Rx: 2535MHz–2655MHz
	LTE Band 66	Tx: 1710MHz–1780MHz
		Rx: 2110MHz–2200MHz
	LTE Band 2	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
	LTE Band 4	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
	LTE Band 5	1.4MHz, 3MHz, 5MHz, 10MHz
	LTE Band 7	5 MHz, 10MHz, 15MHz, 20MHz
	LTE Band 12	1.4MHz, 3 MHz, 5 MHz, 10MHz
	LTE Band 17	5 MHz, 10MHz
	LTE Band 26	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz
	LTE Band 38	5 MHz, 10MHz, 15MHz, 20MHz
Antenna Type:	PIFA Antenna	
Antenna Gain:	LTE Band 2	1.1dBi
	LTE Band 4	1.1dBi
	LTE Band 5	0.5dBi
	LTE Band 7	1.1dBi
	LTE Band 12	0.5dBi
	LTE Band 17	0.5dBi
	LTE Band 26	0.5dBi
	LTE Band 38	1.1dBi
	LTE Band 40	1.1dBi
	LTE Band 41	1.1dBi
	LTE Band 66	1.1dBi



Accessory Information:	Battery 1	
	Brand Name:	realme
	Model No.:	BLP877
	Serial No.:	N/A
	Capacity:	Typical: 5000mAh, Rated: 4890mAh
	Rated Voltage:	3.87V
	Charge Limit:	4.45V
	Manufacturer:	Huizhou Desay Battery Co., Ltd
	Battery 2	
	Brand Name:	realme
	Model No.:	BLP877
	Serial No.:	N/A
	Capacity:	Typical: 5000mAh, Rated: 4890mAh
	Rated Voltage:	3.87V
	Charge Limit:	4.45V
	Manufacturer:	Dongguan NVT Technology Co., Ltd.
	Battery 3	
	Brand Name:	realme
	Model No.:	BLP877
	Serial No.:	N/A
	Capacity:	Typical: 5000mAh, Rated: 4890mAh
	Rated Voltage:	3.87V
	Charge Limit:	4.45V
	Manufacturer:	TWS Technology (Guangzhou) Limited
	AC Adapter 1	
	Brand Name:	realme
	Model No.:	OP52JAUH
	Serial No.:	N/A
	Rated Output:	5V $\overline{\text{---}}$ 2A
	Rated Input:	100-240V $\sim$ 50/60Hz, 0.4A
	Manufacturer:	Ten Pao Industrial Co., Ltd.

**Accessory Information:**

AC Adapter 2	
Brand Name:	realme
Model No.:	OP52YAUH
Serial No.:	N/A
Rated Output:	5V=2A
Rated Input:	100-240V~50/60Hz, 0.4A
Manufacturer:	Jiangsu Chenyang Electron Co., Ltd.
AC Adapter 3	
Brand Name:	realme
Model No.:	OP52CAEH
Serial No.:	N/A
Rated Output:	5V=2A
Rated Input:	100-240V~50/60Hz, 0.4A
Manufacturer:	Dongguan YOHO Electronic Technology Co., Ltd.
AC Adapter 4	
Brand Name:	realme
Model No.:	OP52JAEH
Serial No.:	N/A
Rated Output:	5V=2A
Rated Input:	100-240V~50/60Hz, 0.4A
Manufacturer:	Ten Pao Industrial Co., Ltd.
AC Adapter 5	
Brand Name:	realme
Model No.:	OP52YAEH
Serial No.:	N/A
Rated Output:	5V=2A
Rated Input:	100-240V~50/60Hz, 0.4A
Manufacturer:	Jiangsu Chenyang Electron Co., Ltd.
AC Adapter 6	
Brand Name:	realme
Model No.:	OP52CAED
Serial No.:	N/A
Rated Output:	5V=2A
Rated Input:	100-240V~50/60Hz, 0.4A
Manufacturer:	Dongguan YOHO Electronic Technology Co., Ltd.



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Accessory Information:	USB Cable	
	Model No.:	DL122
	Earphone	
	Model No.:	MH156
	Length:	1.2m

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

Note 2: For a more detailed description, please refer to Specification or User's Manual supplied by the applicant and/or manufacturer.



1.3. Maximum E.R.P./E.I.R.P. and Emission Designator

LTE Band 2	Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20	0.262	0.237	0.233	18M1G7D	18M1W7D	18M1W7D
15	0.259	0.226	0.231	13M5G7D	13M5W7D	13M5W7D
10	0.260	0.240	0.221	9M02G7D	8M99W7D	9M03W7D
5	0.259	0.240	0.235	4M50G7D	4M51W7D	4M50W7D
3	0.260	0.244	0.234	2M72G7D	2M72W7D	2M71W7D
1.4	0.258	0.216	0.223	1M10G7D	1M10W7D	1M10W7D
LTE Band 4	Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20	0.267	0.230	0.228	18M0G7D	18M0W7D	18M1W7D
15	0.264	0.220	0.227	13M5G7D	13M5W7D	13M5W7D
10	0.261	0.221	0.229	9M03G7D	8M99W7D	9M02W7D
5	0.260	0.221	0.226	4M50G7D	4M51W7D	4M50W7D
3	0.265	0.226	0.215	2M72G7D	2M72W7D	2M72W7D
1.4	0.259	0.226	0.216	1M10G7D	1M10W7D	1M10W7D
LTE Band 5	Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10	0.155	0.136	0.136	9M02G7D	8M99W7D	9M02W7D
5	0.153	0.139	0.134	4M50G7D	4M51W7D	4M51W7D
3	0.153	0.137	0.134	2M71G7D	2M72W7D	2M72W7D
1.4	0.154	0.139	0.132	1M10G7D	1M10W7D	1M10W7D
LTE Band 7	Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20	0.264	0.224	0.225	18M0G7D	18M0W7D	18M1W7D
15	0.259	0.228	0.228	13M5G7D	13M5W7D	13M5W7D
10	0.259	0.228	0.217	9M02G7D	8M99W7D	9M01W7D
5	0.255	0.228	0.229	4M50G7D	4M51W7D	4M51W7D
LTE Band 12	Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10	0.155	0.125	0.127	9M03G7D	8M99W7D	9M02W7D
5	0.152	0.124	0.125	4M50G7D	4M50W7D	4M51W7D
3	0.153	0.124	0.122	2M72G7D	2M71W7D	2M72W7D
1.4	0.151	0.128	0.119	1M10G7D	1M10W7D	1M10W7D



LTE Band 17	Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10	0.156	0.126	0.129	8M99G7D	8M96W7D	9M00W7D
5	0.153	0.138	0.129	4M50G7D	4M51W7D	4M51W7D
LTE Band 26	Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
15	0.155	0.135	0.115	13M5G7D	13M5W7D	13M5W7D
10	0.151	0.131	0.112	9M03G7D	8M99W7D	9M03W7D
5	0.152	0.128	0.110	4M51G7D	4M50W7D	4M50W7D
3	0.153	0.130	0.115	2M72G7D	2M72W7D	2M71W7D
1.4	0.151	0.126	0.117	1M10G7D	1M10W7D	1M11W7D
LTE Band 38	Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20	0.299	0.254	0.192	18M0G7D	18M0W7D	18M0W7D
15	0.294	0.253	0.192	13M5G7D	13M5W7D	13M5W7D
10	0.294	0.247	0.195	8M98G7D	8M99W7D	9M01W7D
5	0.290	0.255	0.191	4M51G7D	4M52W7D	4M52W7D
LTE Band 40 Block A	Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10	0.247	0.206	0.204	8M98G7D	8M97W7D	8M99W7D
5	0.242	0.202	0.202	4M51G7D	4M51W7D	4M51W7D
LTE Band 40 Block B	Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10	0.245	0.202	0.210	9M00G7D	8M98W7D	9M01W7D
5	0.241	0.216	0.217	4M52G7D	4M51W7D	4M52W7D
LTE Band 41	Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20	0.265	0.226	0.221	18M0G7D	18M0W7D	18M0W7D
15	0.262	0.231	0.237	13M5G7D	13M5W7D	13M6W7D
10	0.262	0.231	0.230	9M00G7D	9M00W7D	9M00W7D
5	0.258	0.239	0.234	4M51G7D	4M51W7D	4M50W7D



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LTE Band 66	Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20	0.261	0.221	0.228	18M0G7D	18M0W7D	18M0W7D
15	0.258	0.218	0.223	13M5G7D	13M5W7D	13M5W7D
10	0.251	0.230	0.217	9M02G7D	8M98W7D	9M03W7D
5	0.248	0.231	0.220	4M50G7D	4M50W7D	4M51W7D
3	0.246	0.220	0.219	2M72G7D	2M71W7D	2M71W7D
1.4	0.247	0.225	0.221	1M10G7D	1M10W7D	1M11W7D



1.4. Test Standards and Results

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

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

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

Section	Description	Test Date	Test Engineer	Result	Method Determination /Remark
2.1046 22.913(a)(2) 24.232(c) 27.50(a)(3) 27.50(c)(10) 27.50(d)(4) 27.50(h)(2)	Transmitter Conducted Output Power and E.R.P./E.I.R.P.	Dec 30, 2021 Jan 05, 2022	Chen Hao Li Huaijie	PASS	No deviation
2.1049	Occupied Bandwidth	Dec 31, 2021 Jan 04, 2022	Li Huaijie	PASS	No deviation
2.1055 22.355 24.235 27.54	Frequency Stability	Jan 05, 2022	Li Huaijie	PASS	No deviation
24.232(d), 27.50(d)(5)	Peak to Average Radio	Jan 04, 2022	Li Huaijie	PASS	No deviation
2.1051 22.917(a) 24.238(a) 27.53(a)(4) 27.53(g) 27.53(h) 27.53(m)(4)	Conducted Spurious Emissions	Dec 29, 2021 Jan 05&06, 2022	Li Huaijie	PASS	No deviation
2.1051 22.917(a)	Band Edge	Dec 29&30, 2021	Li Huaijie	PASS	No deviation



24.238(a) 27.53(a)(4) 27.53(g) 27.53(h) 27.53(m)(4)					
2.1051 22.917(a) 24.238(a) 27.53(a)(4) 27.53(g) 27.53(h) 27.53(m)(4)	Radiated Spurious Emissions	Jan 08&10, 2022	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% confidence intervals.					

1.5. Environmental Conditions

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

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



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

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

2.1.1. Requirement

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

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

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

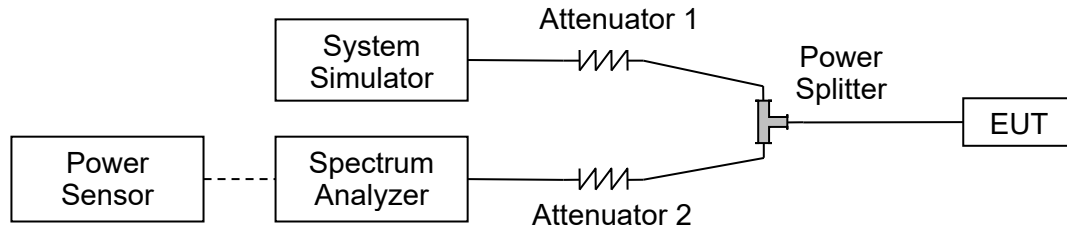
According to FCC section 22.913 (a)(2) for LTE Band 5/18/19/26, the E.R.P. of mobile transmitters and auxiliary test transmitters must not exceed 7 watts.

According to FCC section 27.50 (h)(2) for LTE Band 7/38/41, Mobile and other user stations. Mobile stations are limited to 2 watts E.I.R.P. All user stations are limited to 2 watts transmitter output power.

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

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

2.1.2. Test Description



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

2.1.3. Test Procedure

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

E.I.R.P. (dBm) = 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:**

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	23.06	23.09	23.03
20	QPSK	1	49	23.04	22.98	22.91
20	QPSK	1	99	22.98	22.94	22.92
20	QPSK	50	0	22.26	22.35	22.28
20	QPSK	50	24	22.27	22.32	22.32
20	QPSK	50	50	22.32	22.28	22.34
20	QPSK	100	0	22.25	22.34	22.30
20	16QAM	1	0	22.31	22.31	22.33
20	16QAM	1	49	22.15	22.45	22.41
20	16QAM	1	99	22.40	22.25	22.65
20	16QAM	50	0	22.33	22.30	22.28
20	16QAM	50	24	22.29	22.34	22.35
20	16QAM	50	50	22.37	22.34	22.41
20	16QAM	100	0	22.40	22.41	22.28
20	64QAM	1	0	22.35	22.54	22.28
20	64QAM	1	49	22.30	22.48	22.39
20	64QAM	1	99	22.25	22.58	22.58
20	64QAM	50	0	22.35	22.27	22.32
20	64QAM	50	24	22.38	22.32	22.37
20	64QAM	50	50	22.37	22.38	22.32
20	64QAM	100	0	22.25	22.22	22.23



LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18675	18900	19125
Frequency (MHz)				1857.5	1880	1902.5
15	QPSK	1	0	22.87	22.90	22.81
15	QPSK	1	37	22.66	23.02	22.90
15	QPSK	1	74	23.03	22.95	23.03
15	QPSK	36	0	22.12	22.21	22.20
15	QPSK	36	20	22.11	22.30	22.27
15	QPSK	36	39	22.23	22.24	22.21
15	QPSK	75	0	22.15	22.21	22.17
15	16QAM	1	0	22.24	22.32	22.26
15	16QAM	1	37	22.37	22.40	22.26
15	16QAM	1	74	22.32	22.44	22.44
15	16QAM	36	0	22.11	22.16	22.19
15	16QAM	36	20	22.20	22.13	22.26
15	16QAM	36	39	22.25	22.34	22.31
15	16QAM	75	0	22.12	22.14	22.23
15	64QAM	1	0	22.32	22.08	22.14
15	64QAM	1	37	22.31	22.12	22.54
15	64QAM	1	74	22.20	22.24	22.39
15	64QAM	36	0	22.05	22.22	22.10
15	64QAM	36	20	22.25	22.27	22.17
15	64QAM	36	39	22.13	22.18	22.27
15	64QAM	75	0	22.12	22.19	22.18



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	22.84	22.83	22.93
10	QPSK	1	25	22.95	23.05	22.93
10	QPSK	1	49	22.84	22.92	22.84
10	QPSK	25	0	22.23	22.24	22.20
10	QPSK	25	12	22.19	22.31	22.24
10	QPSK	25	25	22.10	22.23	22.19
10	QPSK	50	0	22.16	22.25	22.23
10	16QAM	1	0	22.64	22.57	22.56
10	16QAM	1	25	22.33	22.29	22.36
10	16QAM	1	49	22.28	22.36	22.15
10	16QAM	25	0	22.18	22.17	22.14
10	16QAM	25	12	22.34	22.14	22.14
10	16QAM	25	25	22.14	22.34	22.44
10	16QAM	50	0	22.71	22.64	22.68
10	64QAM	1	0	22.22	22.27	22.27
10	64QAM	1	25	22.25	22.30	22.34
10	64QAM	1	49	21.92	22.05	22.02
10	64QAM	25	0	22.22	22.26	22.27
10	64QAM	25	12	22.25	22.23	22.24
10	64QAM	25	25	22.18	21.96	22.18
10	64QAM	50	0	22.19	22.19	22.16



LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18625	18900	19175
Frequency (MHz)				1852.5	1880	1907.5
5	QPSK	1	0	22.98	23.03	22.97
5	QPSK	1	12	22.97	22.92	22.95
5	QPSK	1	24	22.93	23.01	23.02
5	QPSK	12	0	22.22	22.13	22.20
5	QPSK	12	7	22.23	22.28	22.20
5	QPSK	12	13	22.22	22.21	22.24
5	QPSK	25	0	22.21	22.19	22.21
5	16QAM	1	0	22.34	22.24	22.62
5	16QAM	1	12	22.32	22.25	22.62
5	16QAM	1	24	22.35	22.22	22.61
5	16QAM	12	0	22.44	22.58	22.44
5	16QAM	12	7	22.34	22.34	22.14
5	16QAM	12	13	22.14	22.47	22.24
5	16QAM	25	0	22.24	22.70	22.68
5	64QAM	1	0	22.44	22.16	22.21
5	64QAM	1	12	22.60	22.26	22.37
5	64QAM	1	24	22.61	22.25	22.27
5	64QAM	12	0	22.26	22.19	22.18
5	64QAM	12	7	22.32	22.16	22.16
5	64QAM	12	13	22.29	22.25	22.23
5	64QAM	25	0	22.36	22.16	22.23



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	22.92	22.99	22.91
3	QPSK	1	8	23.02	23.05	22.88
3	QPSK	1	14	23.03	22.90	22.90
3	QPSK	8	0	22.10	22.05	22.07
3	QPSK	8	4	22.16	22.10	22.11
3	QPSK	8	7	22.16	22.10	22.06
3	QPSK	15	0	22.08	22.16	22.09
3	16QAM	1	0	22.24	22.15	22.09
3	16QAM	1	8	22.28	22.22	22.18
3	16QAM	1	14	22.21	22.18	22.06
3	16QAM	8	0	22.64	22.77	22.69
3	16QAM	8	4	22.71	22.68	22.74
3	16QAM	8	7	22.61	22.66	22.69
3	16QAM	15	0	22.64	22.68	22.63
3	64QAM	1	0	22.17	22.10	22.13
3	64QAM	1	8	22.59	22.58	22.18
3	64QAM	1	14	22.20	22.56	22.20
3	64QAM	8	0	22.12	22.14	21.98
3	64QAM	8	4	22.22	22.12	22.12
3	64QAM	8	7	22.32	22.21	22.07
3	64QAM	15	0	22.17	22.17	22.15



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	22.98	23.01	22.96
1.4	QPSK	1	3	22.88	22.86	22.85
1.4	QPSK	1	5	22.85	22.83	22.81
1.4	QPSK	3	0	22.85	22.85	22.81
1.4	QPSK	3	1	22.89	22.86	22.84
1.4	QPSK	3	3	22.91	22.95	22.84
1.4	QPSK	6	0	22.06	22.04	22.03
1.4	16QAM	1	0	22.09	22.09	22.03
1.4	16QAM	1	3	22.05	22.25	22.23
1.4	16QAM	1	5	21.93	22.13	21.81
1.4	16QAM	3	0	21.95	22.00	21.97
1.4	16QAM	3	1	22.13	21.95	22.00
1.4	16QAM	3	3	22.15	22.12	21.86
1.4	16QAM	6	0	22.16	22.09	22.04
1.4	64QAM	1	0	22.04	21.96	21.99
1.4	64QAM	1	3	22.06	22.27	22.15
1.4	64QAM	1	5	22.04	22.39	21.98
1.4	64QAM	3	0	22.07	22.13	22.14
1.4	64QAM	3	1	22.16	22.13	22.34
1.4	64QAM	3	3	22.08	22.22	21.99
1.4	64QAM	6	0	22.13	22.16	22.05



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	23.09	23.17	23.16
20	QPSK	1	49	22.95	23.03	23.02
20	QPSK	1	99	22.87	23.00	23.12
20	QPSK	50	0	22.16	22.29	22.26
20	QPSK	50	24	22.16	22.24	22.24
20	QPSK	50	50	22.05	22.16	22.17
20	QPSK	100	0	22.15	22.19	22.26
20	16QAM	1	0	22.02	22.32	22.19
20	16QAM	1	49	22.17	21.94	22.08
20	16QAM	1	99	21.96	22.18	22.02
20	16QAM	50	0	22.15	22.08	22.22
20	16QAM	50	24	22.41	22.52	22.41
20	16QAM	50	50	22.37	22.38	22.38
20	16QAM	100	0	22.39	22.47	22.48
20	64QAM	1	0	22.13	22.24	22.46
20	64QAM	1	49	22.17	22.10	21.98
20	64QAM	1	99	22.44	22.01	22.48
20	64QAM	50	0	22.14	22.23	22.18
20	64QAM	50	24	22.16	22.27	22.21
20	64QAM	50	50	22.20	22.15	22.17
20	64QAM	100	0	22.23	22.21	22.30



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20025	20175	20325
Frequency (MHz)				1717.5	1732.5	1747.5
15	QPSK	1	0	22.96	23.00	23.10
15	QPSK	1	37	23.00	23.09	23.01
15	QPSK	1	74	22.87	23.09	23.12
15	QPSK	36	0	22.10	22.17	22.20
15	QPSK	36	20	22.14	22.27	22.23
15	QPSK	36	39	22.19	22.18	22.27
15	QPSK	75	0	22.14	22.16	22.17
15	16QAM	1	0	22.08	22.30	22.02
15	16QAM	1	37	22.16	22.16	22.00
15	16QAM	1	74	22.02	22.32	22.11
15	16QAM	36	0	22.03	22.05	22.24
15	16QAM	36	20	21.98	22.05	22.11
15	16QAM	36	39	21.94	22.03	22.09
15	16QAM	75	0	22.05	22.06	22.15
15	64QAM	1	0	22.00	22.31	22.36
15	64QAM	1	37	22.42	22.18	22.24
15	64QAM	1	74	22.46	22.17	22.21
15	64QAM	36	0	22.11	22.18	22.22
15	64QAM	36	20	22.17	22.19	22.21
15	64QAM	36	39	22.20	22.16	22.18
15	64QAM	75	0	22.13	22.24	22.17



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	22.88	23.07	22.90
10	QPSK	1	25	22.86	22.99	23.00
10	QPSK	1	49	22.94	22.77	23.00
10	QPSK	25	0	21.93	22.15	22.17
10	QPSK	25	12	22.05	22.11	22.15
10	QPSK	25	25	21.94	22.05	22.12
10	QPSK	50	0	22.00	22.10	22.02
10	16QAM	1	0	21.99	22.14	21.90
10	16QAM	1	25	22.26	22.00	22.32
10	16QAM	1	49	22.33	22.23	22.22
10	16QAM	25	0	21.99	21.98	21.97
10	16QAM	25	12	21.91	22.01	21.98
10	16QAM	25	25	22.25	22.16	22.25
10	16QAM	50	0	22.19	22.23	22.35
10	64QAM	1	0	22.05	22.13	22.03
10	64QAM	1	25	22.12	22.41	22.50
10	64QAM	1	49	22.10	22.14	22.09
10	64QAM	25	0	21.94	22.08	22.07
10	64QAM	25	12	22.03	22.14	22.18
10	64QAM	25	25	21.91	22.03	22.05
10	64QAM	50	0	21.97	22.04	22.03



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	22.78	23.00	23.05
5	QPSK	1	12	22.84	22.99	22.96
5	QPSK	1	24	22.79	22.91	22.90
5	QPSK	12	0	22.01	22.01	22.05
5	QPSK	12	7	22.01	22.12	22.09
5	QPSK	12	13	21.96	22.13	22.05
5	QPSK	25	0	21.99	22.03	22.09
5	16QAM	1	0	21.89	22.30	21.98
5	16QAM	1	12	22.00	22.35	21.94
5	16QAM	1	24	21.94	22.29	21.89
5	16QAM	12	0	21.93	21.87	21.90
5	16QAM	12	7	21.96	22.00	21.98
5	16QAM	12	13	22.23	22.30	22.34
5	16QAM	25	0	22.24	22.35	22.28
5	64QAM	1	0	22.01	22.45	22.43
5	64QAM	1	12	22.39	22.15	22.42
5	64QAM	1	24	22.35	22.05	22.12
5	64QAM	12	0	22.02	22.09	22.11
5	64QAM	12	7	22.01	22.10	22.16
5	64QAM	12	13	22.02	22.08	22.07
5	64QAM	25	0	21.97	22.11	22.02



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				19965	20175	20385
Frequency (MHz)				1711.5	1732.5	1753.5
3	QPSK	1	0	22.90	22.91	23.03
3	QPSK	1	8	22.99	23.13	23.07
3	QPSK	1	14	22.79	22.98	22.98
3	QPSK	8	0	21.99	22.05	22.06
3	QPSK	8	4	22.05	22.13	22.15
3	QPSK	8	7	22.01	22.11	22.11
3	QPSK	15	0	22.01	22.07	22.01
3	16QAM	1	0	22.09	22.18	22.22
3	16QAM	1	8	22.31	22.31	22.05
3	16QAM	1	14	22.22	22.00	22.08
3	16QAM	8	0	22.01	22.02	22.11
3	16QAM	8	4	22.11	22.11	22.12
3	16QAM	8	7	22.33	22.41	22.45
3	16QAM	15	0	22.33	22.31	22.38
3	64QAM	1	0	22.00	22.09	22.07
3	64QAM	1	8	22.19	22.07	22.23
3	64QAM	1	14	22.00	22.07	21.90
3	64QAM	8	0	21.98	22.02	21.96
3	64QAM	8	4	22.10	22.08	22.12
3	64QAM	8	7	22.04	22.11	22.23
3	64QAM	15	0	22.00	22.08	21.99



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				19957	20175	20393
Frequency (MHz)				1710.7	1732.5	1754.3
1.4	QPSK	1	0	22.65	22.86	22.87
1.4	QPSK	1	3	22.99	22.99	23.03
1.4	QPSK	1	5	22.85	22.94	22.96
1.4	QPSK	3	0	22.93	22.90	22.89
1.4	QPSK	3	1	22.89	22.99	23.04
1.4	QPSK	3	3	22.88	22.95	22.94
1.4	QPSK	6	0	22.04	22.06	22.02
1.4	16QAM	1	0	21.98	22.45	22.11
1.4	16QAM	1	3	22.11	22.19	22.23
1.4	16QAM	1	5	22.17	22.33	22.13
1.4	16QAM	3	0	22.20	22.24	22.15
1.4	16QAM	3	1	22.21	22.24	22.26
1.4	16QAM	3	3	22.20	22.32	22.21
1.4	16QAM	6	0	22.11	22.12	22.03
1.4	64QAM	1	0	21.89	21.83	21.97
1.4	64QAM	1	3	22.15	22.13	22.25
1.4	64QAM	1	5	22.06	22.02	21.86
1.4	64QAM	3	0	21.97	21.95	22.14
1.4	64QAM	3	1	21.88	22.03	22.00
1.4	64QAM	3	3	21.94	22.11	21.99
1.4	64QAM	6	0	21.93	21.94	22.01



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				20450	20525	20600
Frequency (MHz)				829	836.5	844
10	QPSK	1	0	23.55	23.56	23.48
10	QPSK	1	25	23.41	23.44	23.24
10	QPSK	1	49	23.33	23.45	23.13
10	QPSK	25	0	22.86	22.88	22.69
10	QPSK	25	12	22.62	22.64	22.69
10	QPSK	25	25	22.62	22.73	22.78
10	QPSK	50	0	22.68	22.56	22.70
10	16QAM	1	0	22.72	22.91	22.62
10	16QAM	1	25	22.95	22.98	22.66
10	16QAM	1	49	22.78	22.84	22.91
10	16QAM	25	0	22.87	22.88	22.70
10	16QAM	25	12	22.81	22.89	22.67
10	16QAM	25	25	22.84	22.77	22.80
10	16QAM	50	0	22.85	22.76	22.66
10	64QAM	1	0	22.81	22.91	22.79
10	64QAM	1	25	22.78	22.98	22.78
10	64QAM	1	49	22.67	22.89	22.80
10	64QAM	25	0	22.78	22.89	22.56
10	64QAM	25	12	22.77	22.94	22.65
10	64QAM	25	25	22.89	22.78	22.48
10	64QAM	50	0	22.85	22.81	22.67



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	23.50	23.46	23.44
5	QPSK	1	12	23.40	23.51	23.35
5	QPSK	1	24	23.40	23.35	23.35
5	QPSK	12	0	22.77	22.82	22.68
5	QPSK	12	7	22.84	22.85	22.77
5	QPSK	12	13	22.89	22.73	22.68
5	QPSK	25	0	22.80	22.76	22.68
5	16QAM	1	0	23.09	23.02	22.78
5	16QAM	1	12	22.79	23.01	22.77
5	16QAM	1	24	22.66	23.01	22.84
5	16QAM	12	0	22.75	22.84	22.83
5	16QAM	12	7	22.82	22.85	22.67
5	16QAM	12	13	22.82	22.73	22.78
5	16QAM	25	0	22.83	22.88	22.83
5	64QAM	1	0	22.90	22.78	22.89
5	64QAM	1	12	22.78	22.72	22.86
5	64QAM	1	24	22.92	22.76	22.70
5	64QAM	12	0	22.64	22.78	22.58
5	64QAM	12	7	22.68	22.84	22.62
5	64QAM	12	13	22.86	22.81	22.38
5	64QAM	25	0	22.74	22.81	22.42



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	23.19	23.50	23.35
3	QPSK	1	8	23.45	23.46	23.37
3	QPSK	1	14	23.46	23.44	23.18
3	QPSK	8	0	22.70	22.83	22.81
3	QPSK	8	4	22.84	22.90	22.87
3	QPSK	8	7	22.79	22.81	22.68
3	QPSK	15	0	22.77	22.83	22.82
3	16QAM	1	0	22.79	22.90	22.97
3	16QAM	1	8	22.72	22.98	22.82
3	16QAM	1	14	22.77	23.03	22.78
3	16QAM	8	0	22.73	22.82	22.56
3	16QAM	8	4	22.89	23.00	22.57
3	16QAM	8	7	22.81	22.87	22.61
3	16QAM	15	0	22.75	22.77	22.32
3	64QAM	1	0	22.70	22.58	22.79
3	64QAM	1	8	22.58	22.82	22.58
3	64QAM	1	14	22.60	22.78	22.59
3	64QAM	8	0	22.70	22.80	22.78
3	64QAM	8	4	22.92	22.76	22.70
3	64QAM	8	7	22.87	22.79	22.76
3	64QAM	15	0	22.76	22.86	22.66



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	23.40	23.47	23.51
1.4	QPSK	1	3	23.53	23.46	23.53
1.4	QPSK	1	5	23.42	23.36	23.37
1.4	QPSK	3	0	23.43	23.49	23.45
1.4	QPSK	3	1	23.49	23.36	23.46
1.4	QPSK	3	3	23.50	23.42	23.42
1.4	QPSK	6	0	22.75	22.74	22.73
1.4	16QAM	1	0	22.88	22.69	22.86
1.4	16QAM	1	3	22.68	22.92	22.81
1.4	16QAM	1	5	23.07	22.75	22.81
1.4	16QAM	3	0	22.60	22.58	22.72
1.4	16QAM	3	1	22.63	22.90	22.76
1.4	16QAM	3	3	22.71	22.82	22.70
1.4	16QAM	6	0	22.90	22.77	22.81
1.4	64QAM	1	0	22.43	22.60	22.62
1.4	64QAM	1	3	22.74	22.75	22.70
1.4	64QAM	1	5	22.69	22.68	22.56
1.4	64QAM	3	0	22.35	22.62	22.63
1.4	64QAM	3	1	22.63	22.57	22.58
1.4	64QAM	3	3	22.53	22.70	22.74
1.4	64QAM	6	0	22.74	22.86	22.75



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	23.10	23.11	23.03
20	QPSK	1	49	23.05	23.09	22.98
20	QPSK	1	99	23.00	22.95	23.00
20	QPSK	50	0	22.17	22.24	22.21
20	QPSK	50	24	22.14	22.11	22.01
20	QPSK	50	50	22.16	22.20	22.16
20	QPSK	100	0	22.19	22.21	22.18
20	16QAM	1	0	22.00	22.10	22.28
20	16QAM	1	49	22.15	22.01	22.29
20	16QAM	1	99	22.09	22.40	22.05
20	16QAM	50	0	21.94	22.04	21.97
20	16QAM	50	24	21.99	21.91	22.02
20	16QAM	50	50	22.07	22.12	21.95
20	16QAM	100	0	21.95	22.07	22.05
20	64QAM	1	0	22.43	22.27	22.00
20	64QAM	1	49	22.37	22.34	22.39
20	64QAM	1	99	22.35	22.40	22.31
20	64QAM	50	0	22.09	22.10	22.15
20	64QAM	50	24	22.14	22.15	22.15
20	64QAM	50	50	22.18	22.25	22.10
20	64QAM	100	0	22.11	22.08	22.20



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	22.93	23.02	23.02
15	QPSK	1	37	23.03	23.00	23.04
15	QPSK	1	74	22.97	23.04	23.04
15	QPSK	36	0	21.96	22.05	22.07
15	QPSK	36	20	22.04	22.11	22.06
15	QPSK	36	39	22.07	22.10	22.14
15	QPSK	75	0	22.13	22.06	22.08
15	16QAM	1	0	22.29	22.40	22.47
15	16QAM	1	37	22.11	22.22	22.20
15	16QAM	1	74	22.15	22.15	22.37
15	16QAM	36	0	21.95	22.06	22.08
15	16QAM	36	20	22.02	22.05	22.04
15	16QAM	36	39	22.08	22.06	21.95
15	16QAM	75	0	22.03	22.11	22.03
15	64QAM	1	0	22.33	22.30	22.18
15	64QAM	1	37	22.23	22.38	22.47
15	64QAM	1	74	22.22	22.34	22.40
15	64QAM	36	0	22.07	22.15	22.14
15	64QAM	36	20	22.18	22.17	22.24
15	64QAM	36	39	22.22	22.13	22.15
15	64QAM	75	0	22.07	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				20800	21100	21400
Frequency (MHz)				2505	2535	2565
10	QPSK	1	0	22.93	23.02	23.02
10	QPSK	1	25	23.03	23.00	23.04
10	QPSK	1	49	22.97	23.04	23.04
10	QPSK	25	0	21.96	22.05	22.07
10	QPSK	25	12	22.04	22.11	22.06
10	QPSK	25	25	22.07	22.10	22.14
10	QPSK	50	0	22.13	22.06	22.08
10	16QAM	1	0	22.29	22.40	22.47
10	16QAM	1	25	22.11	22.22	22.20
10	16QAM	1	49	22.15	22.15	22.37
10	16QAM	25	0	21.95	22.06	22.08
10	16QAM	25	12	22.02	22.05	22.04
10	16QAM	25	25	22.08	22.06	21.95
10	16QAM	50	0	22.03	22.11	22.03
10	64QAM	1	0	22.12	22.09	21.97
10	64QAM	1	25	22.02	22.17	22.26
10	64QAM	1	49	22.01	22.13	22.19
10	64QAM	25	0	22.07	22.15	22.14
10	64QAM	25	12	22.18	22.17	22.24
10	64QAM	25	25	22.22	22.13	22.15
10	64QAM	50	0	22.07	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				20775	21100	21425
Frequency (MHz)				2502.5	2535	2567.5
5	QPSK	1	0	22.96	22.87	22.77
5	QPSK	1	12	22.83	22.76	22.84
5	QPSK	1	24	22.77	22.83	22.87
5	QPSK	12	0	22.10	22.18	22.10
5	QPSK	12	7	22.17	22.32	22.24
5	QPSK	12	13	22.19	22.35	22.20
5	QPSK	25	0	22.20	22.21	22.16
5	16QAM	1	0	22.18	22.16	22.22
5	16QAM	1	12	22.23	22.45	22.35
5	16QAM	1	24	22.29	22.48	22.30
5	16QAM	12	0	22.20	22.26	22.17
5	16QAM	12	7	22.09	22.11	22.07
5	16QAM	12	13	22.09	22.15	22.28
5	16QAM	25	0	22.06	22.11	22.13
5	64QAM	1	0	22.30	22.35	22.31
5	64QAM	1	12	22.35	22.47	22.35
5	64QAM	1	24	22.39	22.49	22.45
5	64QAM	12	0	22.10	22.07	22.12
5	64QAM	12	7	22.19	22.24	22.03
5	64QAM	12	13	22.14	22.23	22.09
5	64QAM	25	0	22.09	22.08	22.13



LTE Band 12						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23060	23095	23130
Frequency (MHz)				704	707.5	711
10	QPSK	1	0	23.40	23.56	23.45
10	QPSK	1	25	23.26	23.39	23.42
10	QPSK	1	49	23.36	23.37	23.36
10	QPSK	25	0	22.65	22.75	22.66
10	QPSK	25	12	22.62	22.56	22.35
10	QPSK	25	25	22.67	22.73	22.66
10	QPSK	50	0	22.68	22.70	22.61
10	16QAM	1	0	22.61	22.16	22.29
10	16QAM	1	25	22.36	22.31	22.45
10	16QAM	1	49	22.45	22.50	22.39
10	16QAM	25	0	22.34	22.36	22.30
10	16QAM	25	12	22.38	22.42	22.31
10	16QAM	25	25	22.43	22.44	22.38
10	16QAM	50	0	22.33	22.41	22.46
10	64QAM	1	0	22.18	22.30	22.64
10	64QAM	1	25	22.62	22.68	22.27
10	64QAM	1	49	22.64	22.32	22.25
10	64QAM	25	0	22.15	22.09	22.06
10	64QAM	25	12	22.20	22.23	22.15
10	64QAM	25	25	22.25	22.22	22.22
10	64QAM	50	0	22.17	22.10	22.21



LTE Band 12						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23035	23095	23155
Frequency (MHz)				701.5	707.5	713.5
5	QPSK	1	0	23.15	23.48	23.26
5	QPSK	1	12	23.31	23.47	23.31
5	QPSK	1	24	23.27	23.46	23.32
5	QPSK	12	0	22.38	22.45	22.44
5	QPSK	12	7	22.49	22.51	22.48
5	QPSK	12	13	22.44	22.47	22.44
5	QPSK	25	0	22.40	22.52	22.48
5	16QAM	1	0	22.41	22.43	22.45
5	16QAM	1	12	22.58	22.53	22.54
5	16QAM	1	24	22.54	22.52	22.48
5	16QAM	12	0	22.28	22.25	22.28
5	16QAM	12	7	22.42	22.47	22.31
5	16QAM	12	13	22.37	22.34	22.39
5	16QAM	25	0	22.38	22.34	22.36
5	64QAM	1	0	22.16	22.17	22.22
5	64QAM	1	12	22.61	22.31	22.24
5	64QAM	1	24	22.59	22.28	22.33
5	64QAM	12	0	22.13	22.15	22.10
5	64QAM	12	7	22.23	22.11	22.17
5	64QAM	12	13	22.10	22.20	22.25
5	64QAM	25	0	22.25	22.21	22.18



LTE Band 12						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23025	23095	23165
Frequency (MHz)				700.5	707.5	714.5
3	QPSK	1	0	23.23	23.50	23.17
3	QPSK	1	8	23.41	23.40	23.30
3	QPSK	1	14	23.35	23.46	23.41
3	QPSK	8	0	22.46	22.44	22.44
3	QPSK	8	4	22.49	22.52	22.53
3	QPSK	8	7	22.44	22.52	22.46
3	QPSK	15	0	22.22	22.30	22.16
3	16QAM	1	0	22.23	22.59	22.18
3	16QAM	1	8	22.43	22.41	22.36
3	16QAM	1	14	22.26	22.31	22.17
3	16QAM	8	0	22.23	22.12	22.15
3	16QAM	8	4	22.28	22.25	22.36
3	16QAM	8	7	22.12	22.15	22.21
3	16QAM	15	0	22.31	22.24	22.23
3	64QAM	1	0	22.17	22.51	22.50
3	64QAM	1	8	22.46	22.36	22.37
3	64QAM	1	14	22.39	22.24	22.35
3	64QAM	8	0	22.06	22.14	22.05
3	64QAM	8	4	22.15	22.19	22.18
3	64QAM	8	7	22.14	22.06	22.21
3	64QAM	15	0	22.13	22.15	22.07



LTE Band 12						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23017	23095	23173
Frequency (MHz)				699.7	707.5	715.3
1.4	QPSK	1	0	23.26	23.43	23.23
1.4	QPSK	1	3	23.37	23.36	23.38
1.4	QPSK	1	5	23.26	23.31	23.27
1.4	QPSK	3	0	23.21	23.34	23.32
1.4	QPSK	3	1	23.42	23.42	23.09
1.4	QPSK	3	3	23.37	23.39	23.35
1.4	QPSK	6	0	22.43	22.40	22.38
1.4	16QAM	1	0	22.47	22.41	22.26
1.4	16QAM	1	3	22.28	22.71	22.38
1.4	16QAM	1	5	22.40	22.41	22.40
1.4	16QAM	3	0	22.24	22.27	22.28
1.4	16QAM	3	1	22.40	22.48	22.32
1.4	16QAM	3	3	22.23	22.37	22.37
1.4	16QAM	6	0	22.16	22.36	22.26
1.4	64QAM	1	0	22.01	22.16	22.00
1.4	64QAM	1	3	22.13	22.06	22.11
1.4	64QAM	1	5	22.29	22.32	22.28
1.4	64QAM	3	0	22.19	22.20	22.03
1.4	64QAM	3	1	22.17	22.41	22.26
1.4	64QAM	3	3	22.19	22.03	22.19
1.4	64QAM	6	0	22.15	22.16	22.03



LTE Band 17						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23780	23790	23800
Frequency (MHz)				709	710	711
10	QPSK	1	0	23.56	23.59	23.56
10	QPSK	1	25	23.44	23.40	23.46
10	QPSK	1	49	23.37	23.40	23.35
10	QPSK	25	0	22.67	22.73	22.65
10	QPSK	25	12	22.52	22.46	22.60
10	QPSK	25	25	22.50	22.50	22.59
10	QPSK	50	0	22.63	22.50	22.51
10	16QAM	1	0	22.15	22.34	22.48
10	16QAM	1	25	22.36	22.65	22.49
10	16QAM	1	49	22.32	22.57	22.62
10	16QAM	25	0	22.26	22.50	22.49
10	16QAM	25	12	22.32	22.47	22.45
10	16QAM	25	25	22.15	22.41	22.46
10	16QAM	50	0	22.19	22.48	22.45
10	64QAM	1	0	22.16	22.49	22.17
10	64QAM	1	25	22.39	22.29	22.19
10	64QAM	1	49	22.13	22.16	22.16
10	64QAM	25	0	22.31	22.48	22.46
10	64QAM	25	12	22.44	22.52	22.69
10	64QAM	25	25	22.38	22.59	22.75
10	64QAM	50	0	22.45	22.68	22.69



LTE Band 17						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23755	23790	23825
Frequency (MHz)				706.5	710	713.5
5	QPSK	1	0	23.50	23.46	23.42
5	QPSK	1	12	23.49	23.45	23.44
5	QPSK	1	24	23.41	23.47	23.46
5	QPSK	12	0	22.57	22.75	22.91
5	QPSK	12	7	22.69	22.78	22.86
5	QPSK	12	13	22.52	22.80	22.86
5	QPSK	25	0	22.34	22.51	22.64
5	16QAM	1	0	22.82	22.87	22.59
5	16QAM	1	12	22.99	22.55	22.92
5	16QAM	1	24	22.83	22.88	23.04
5	16QAM	12	0	22.27	22.30	22.51
5	16QAM	12	7	22.27	22.34	22.46
5	16QAM	12	13	22.18	22.43	22.46
5	16QAM	25	0	22.28	22.40	22.44
5	64QAM	1	0	22.29	22.30	22.30
5	64QAM	1	12	22.33	22.30	22.38
5	64QAM	1	24	22.38	22.38	22.30
5	64QAM	12	0	22.44	22.49	22.73
5	64QAM	12	7	22.57	22.65	22.59
5	64QAM	12	13	22.42	22.60	22.62
5	64QAM	25	0	22.39	22.58	22.74



LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26865	26915	26965
Frequency (MHz)				831.5	836.5	841.5
15	QPSK	1	0	23.56	23.51	23.53
15	QPSK	1	37	23.47	23.40	23.53
15	QPSK	1	74	23.46	23.39	23.48
15	QPSK	36	0	22.92	22.88	22.80
15	QPSK	36	20	22.67	22.59	22.52
15	QPSK	36	39	22.54	22.43	22.60
15	QPSK	75	0	22.55	22.48	22.62
15	16QAM	1	0	22.68	22.57	22.96
15	16QAM	1	37	22.60	22.51	22.74
15	16QAM	1	74	22.53	22.50	22.54
15	16QAM	36	0	22.50	22.40	22.53
15	16QAM	36	20	22.39	22.35	22.54
15	16QAM	36	39	22.46	22.35	22.54
15	16QAM	75	0	22.56	22.45	22.56
15	64QAM	1	0	22.17	22.12	21.99
15	64QAM	1	37	21.99	21.88	22.09
15	64QAM	1	74	21.95	21.83	22.27
15	64QAM	36	0	22.16	22.08	22.15
15	64QAM	36	20	22.16	22.05	22.07
15	64QAM	36	39	22.22	22.13	21.98
15	64QAM	75	0	22.19	22.18	22.12



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				26840	26915	26990
Frequency (MHz)				829.0	836.5	844.0
10	QPSK	1	0	23.40	23.41	23.45
10	QPSK	1	25	23.27	23.30	23.39
10	QPSK	1	49	23.31	23.35	23.38
10	QPSK	25	0	22.48	22.41	22.53
10	QPSK	25	12	22.33	22.42	22.43
10	QPSK	25	25	22.43	22.46	22.50
10	QPSK	50	0	22.08	22.06	22.18
10	16QAM	1	0	22.20	22.28	22.29
10	16QAM	1	25	22.34	22.36	22.43
10	16QAM	1	49	22.16	22.17	22.20
10	16QAM	25	0	22.65	22.65	22.67
10	16QAM	25	12	22.41	22.40	22.49
10	16QAM	25	25	22.29	22.29	22.36
10	16QAM	50	0	22.74	22.74	22.82
10	64QAM	1	0	22.01	22.01	22.07
10	64QAM	1	25	21.98	22.03	22.09
10	64QAM	1	49	21.95	22.02	22.06
10	64QAM	25	0	22.11	22.03	22.14
10	64QAM	25	12	22.07	22.09	22.13
10	64QAM	25	25	21.93	21.88	21.96
10	64QAM	50	0	22.01	22.01	22.10



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	23.43	23.41	23.44
5	QPSK	1	12	23.37	23.34	23.44
5	QPSK	1	24	23.37	23.45	23.46
5	QPSK	12	0	22.50	22.40	22.51
5	QPSK	12	7	22.52	22.59	22.61
5	QPSK	12	13	22.38	22.48	22.50
5	QPSK	25	0	22.66	22.60	22.69
5	16QAM	1	0	22.44	22.54	22.55
5	16QAM	1	12	22.44	22.33	22.45
5	16QAM	1	24	22.62	22.57	22.68
5	16QAM	12	0	22.61	22.63	22.71
5	16QAM	12	7	22.42	22.37	22.47
5	16QAM	12	13	22.48	22.40	22.52
5	16QAM	25	0	22.49	22.51	22.54
5	64QAM	1	0	21.95	21.99	22.06
5	64QAM	1	12	22.02	21.97	22.07
5	64QAM	1	24	22.05	22.03	22.06
5	64QAM	12	0	21.93	21.93	21.97
5	64QAM	12	7	21.91	21.96	21.98
5	64QAM	12	13	21.84	21.89	21.90
5	64QAM	25	0	21.93	21.85	21.96



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				26805	26915	27025
Frequency (MHz)				825.5	836.5	847.5
3	QPSK	1	0	23.47	23.37	23.49
3	QPSK	1	8	23.35	23.30	23.38
3	QPSK	1	14	23.40	23.36	23.45
3	QPSK	8	0	22.61	22.65	22.73
3	QPSK	8	4	22.41	22.42	22.50
3	QPSK	8	7	22.65	22.64	22.71
3	QPSK	15	0	22.54	22.52	22.62
3	16QAM	1	0	22.73	22.68	22.78
3	16QAM	1	8	22.69	22.72	22.74
3	16QAM	1	14	22.55	22.59	22.65
3	16QAM	8	0	22.48	22.55	22.59
3	16QAM	8	4	22.43	22.52	22.54
3	16QAM	8	7	22.40	22.40	22.50
3	16QAM	15	0	22.58	22.53	22.63
3	64QAM	1	0	22.12	22.06	22.18
3	64QAM	1	8	22.00	22.05	22.09
3	64QAM	1	14	22.18	22.15	22.25
3	64QAM	8	0	21.93	21.93	22.03
3	64QAM	8	4	21.98	21.91	22.03
3	64QAM	8	7	21.91	22.01	22.02
3	64QAM	15	0	21.90	21.97	22.00



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	23.38	23.32	23.44
1.4	QPSK	1	3	23.25	23.32	23.36
1.4	QPSK	1	5	23.27	23.31	23.35
1.4	QPSK	3	0	23.35	23.28	23.37
1.4	QPSK	3	1	23.36	23.36	23.43
1.4	QPSK	3	3	23.07	23.05	23.16
1.4	QPSK	6	0	22.71	22.71	22.73
1.4	16QAM	1	0	22.54	22.54	22.60
1.4	16QAM	1	3	22.51	22.49	22.54
1.4	16QAM	1	5	22.57	22.60	22.64
1.4	16QAM	3	0	22.34	22.36	22.37
1.4	16QAM	3	1	22.26	22.20	22.28
1.4	16QAM	3	3	22.06	22.05	22.09
1.4	16QAM	6	0	22.60	22.56	22.67
1.4	64QAM	1	0	21.92	21.91	21.97
1.4	64QAM	1	3	21.93	21.99	22.01
1.4	64QAM	1	5	21.93	22.00	22.05
1.4	64QAM	3	0	22.34	22.30	22.35
1.4	64QAM	3	1	22.20	22.19	22.31
1.4	64QAM	3	3	22.18	22.18	22.26
1.4	64QAM	6	0	21.97	21.95	22.02



LTE Band 38						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				37850	38000	38150
Frequency (MHz)				2580	2595	2610
20	QPSK	1	0	23.63	23.65	23.58
20	QPSK	1	49	23.58	23.58	23.59
20	QPSK	1	99	23.59	23.54	23.64
20	QPSK	50	0	22.74	22.75	22.73
20	QPSK	50	24	22.59	22.52	22.49
20	QPSK	50	50	22.73	22.53	22.52
20	QPSK	100	0	22.52	22.59	22.53
20	16QAM	1	0	22.69	22.52	22.59
20	16QAM	1	49	22.57	22.52	22.47
20	16QAM	1	99	22.49	22.59	22.57
20	16QAM	50	0	22.59	22.52	22.82
20	16QAM	50	24	22.80	22.49	22.59
20	16QAM	50	50	22.86	22.95	22.56
20	16QAM	100	0	22.79	22.94	22.63
20	64QAM	1	0	21.54	21.74	21.57
20	64QAM	1	49	21.46	21.36	21.65
20	64QAM	1	99	21.41	21.32	21.41
20	64QAM	50	0	21.38	21.35	21.30
20	64QAM	50	24	21.54	21.42	21.39
20	64QAM	50	50	21.53	21.56	21.45
20	64QAM	100	0	21.63	21.59	21.27



LTE Band 38						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				37825	38000	38175
Frequency (MHz)				2577.5	2595	2612.5
15	QPSK	1	0	23.35	23.55	23.42
15	QPSK	1	37	23.53	23.59	23.42
15	QPSK	1	74	23.51	23.52	23.35
15	QPSK	36	0	22.69	22.54	22.74
15	QPSK	36	20	22.74	22.50	22.70
15	QPSK	36	39	22.77	22.49	22.73
15	QPSK	75	0	22.79	22.52	22.76
15	16QAM	1	0	22.60	22.89	22.54
15	16QAM	1	37	22.77	22.46	22.60
15	16QAM	1	74	22.69	22.53	22.44
15	16QAM	36	0	22.76	22.43	22.63
15	16QAM	36	20	22.70	22.39	22.59
15	16QAM	36	39	22.83	22.93	22.63
15	16QAM	75	0	22.84	22.41	22.63
15	64QAM	1	0	21.35	21.59	21.23
15	64QAM	1	37	21.49	21.73	21.36
15	64QAM	1	74	21.42	21.52	21.70
15	64QAM	36	0	21.48	21.30	21.44
15	64QAM	36	20	21.59	21.74	21.37
15	64QAM	36	39	21.58	21.71	21.43
15	64QAM	75	0	21.59	21.71	21.47



LTE Band 38						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				37800	38000	38200
Frequency (MHz)				2575	2595	2615
10	QPSK	1	0	23.44	23.52	23.40
10	QPSK	1	25	23.49	23.39	23.35
10	QPSK	1	49	23.36	23.59	23.59
10	QPSK	25	0	22.74	22.62	22.58
10	QPSK	25	12	22.73	22.51	22.58
10	QPSK	25	25	22.82	22.46	22.62
10	QPSK	50	0	22.86	22.54	22.60
10	16QAM	1	0	22.21	22.36	22.61
10	16QAM	1	25	22.30	22.51	22.44
10	16QAM	1	49	22.26	22.43	22.57
10	16QAM	25	0	22.29	22.57	22.75
10	16QAM	25	12	22.26	22.43	22.69
10	16QAM	25	25	22.33	22.55	22.82
10	16QAM	50	0	22.29	22.53	22.71
10	64QAM	1	0	21.64	21.24	21.58
10	64QAM	1	25	21.76	21.41	21.63
10	64QAM	1	49	21.65	21.28	21.54
10	64QAM	25	0	21.79	21.49	21.67
10	64QAM	25	12	21.76	21.38	21.67
10	64QAM	25	25	21.80	21.47	21.64
10	64QAM	50	0	21.77	21.52	21.73



LTE Band 38						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				37775	38000	38225
Frequency (MHz)				2572.5	2595	2617.5
5	QPSK	1	0	23.29	23.52	23.49
5	QPSK	1	12	23.44	23.39	23.52
5	QPSK	1	24	23.35	23.49	23.22
5	QPSK	12	0	22.67	22.71	22.80
5	QPSK	12	7	22.80	22.56	22.86
5	QPSK	12	13	22.80	22.78	22.92
5	QPSK	25	0	22.81	22.79	22.94
5	16QAM	1	0	22.64	22.80	22.49
5	16QAM	1	12	22.81	22.97	22.65
5	16QAM	1	24	22.67	22.78	22.50
5	16QAM	12	0	22.44	22.44	22.62
5	16QAM	12	7	22.39	22.54	22.73
5	16QAM	12	13	22.52	22.44	22.66
5	16QAM	25	0	22.50	22.10	22.20
5	64QAM	1	0	21.51	21.56	21.31
5	64QAM	1	12	21.72	21.69	21.40
5	64QAM	1	24	21.57	21.62	21.26
5	64QAM	12	0	21.75	21.22	21.34
5	64QAM	12	7	21.43	21.50	21.72
5	64QAM	12	13	21.42	21.29	21.60
5	64QAM	25	0	21.42	21.35	21.69



LTE Band 40, Block A						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				/	38750	/
Frequency (MHz)				/	2310	/
10	QPSK	1	0	/	22.83	/
10	QPSK	1	25	/	22.75	/
10	QPSK	1	49	/	22.80	/
10	QPSK	25	0	/	21.92	/
10	QPSK	25	12	/	21.73	/
10	QPSK	25	25	/	21.67	/
10	QPSK	50	0	/	21.70	/
10	16QAM	1	0	/	21.82	/
10	16QAM	1	25	/	21.74	/
10	16QAM	1	49	/	22.04	/
10	16QAM	25	0	/	21.85	/
10	16QAM	25	12	/	21.80	/
10	16QAM	25	25	/	21.93	/
10	16QAM	50	0	/	21.70	/
10	64QAM	1	0	/	22.00	/
10	64QAM	1	25	/	21.82	/
10	64QAM	1	49	/	21.79	/
10	64QAM	25	0	/	21.72	/
10	64QAM	25	12	/	21.65	/
10	64QAM	25	25	/	21.71	/
10	64QAM	50	0	/	21.78	/



LTE Band 40, Block A						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				38725	38750	38775
Frequency (MHz)				2307.5	2310	2312.5
5	QPSK	1	0	22.72	22.75	22.73
5	QPSK	1	12	22.72	22.74	22.70
5	QPSK	1	24	22.71	22.69	22.62
5	QPSK	12	0	21.63	21.71	21.80
5	QPSK	12	7	21.70	21.69	21.78
5	QPSK	12	13	21.62	21.78	21.76
5	QPSK	25	0	21.69	21.66	21.76
5	16QAM	1	0	21.34	21.70	21.49
5	16QAM	1	12	21.40	21.55	21.43
5	16QAM	1	24	21.50	21.32	21.33
5	16QAM	12	0	21.93	21.90	21.83
5	16QAM	12	7	21.94	21.83	21.95
5	16QAM	12	13	21.91	21.90	21.94
5	16QAM	25	0	21.70	21.74	21.76
5	64QAM	1	0	21.96	21.94	21.86
5	64QAM	1	12	21.92	21.82	21.95
5	64QAM	1	24	21.93	21.92	21.92
5	64QAM	12	0	21.75	21.81	21.88
5	64QAM	12	7	21.92	21.71	21.81
5	64QAM	12	13	21.71	21.82	21.72
5	64QAM	25	0	21.62	21.73	21.73



LTE Band 40, Block B						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				/	39200	/
Frequency (MHz)				/	2355	/
10	QPSK	1	0	/	22.80	/
10	QPSK	1	25	/	22.63	/
10	QPSK	1	49	/	22.61	/
10	QPSK	25	0	/	21.99	/
10	QPSK	25	12	/	21.80	/
10	QPSK	25	25	/	21.97	/
10	QPSK	50	0	/	21.94	/
10	16QAM	1	0	/	21.61	/
10	16QAM	1	25	/	21.76	/
10	16QAM	1	49	/	21.95	/
10	16QAM	25	0	/	21.81	/
10	16QAM	25	12	/	21.87	/
10	16QAM	25	25	/	21.89	/
10	16QAM	50	0	/	21.86	/
10	64QAM	1	0	/	21.75	/
10	64QAM	1	25	/	22.13	/
10	64QAM	1	49	/	21.77	/
10	64QAM	25	0	/	21.54	/
10	64QAM	25	12	/	21.68	/
10	64QAM	25	25	/	21.67	/
10	64QAM	50	0	/	21.55	/



LTE Band 40, Block B						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39175	39200	39225
Frequency (MHz)				2352.5	2355	2357.5
5	QPSK	1	0	22.39	22.72	22.50
5	QPSK	1	12	22.55	22.71	22.55
5	QPSK	1	24	22.51	22.70	22.56
5	QPSK	12	0	21.83	21.90	21.89
5	QPSK	12	7	21.94	21.96	21.93
5	QPSK	12	13	21.89	21.92	21.89
5	QPSK	25	0	22.06	22.18	22.14
5	16QAM	1	0	22.07	22.09	22.11
5	16QAM	1	12	22.24	22.19	22.20
5	16QAM	1	24	22.20	22.18	22.14
5	16QAM	12	0	21.94	21.91	21.94
5	16QAM	12	7	22.08	22.13	21.97
5	16QAM	12	13	22.03	22.00	22.05
5	16QAM	25	0	22.04	22.00	22.02
5	64QAM	1	0	21.82	21.83	21.88
5	64QAM	1	12	22.27	21.97	21.90
5	64QAM	1	24	22.25	21.94	21.99
5	64QAM	12	0	21.79	21.81	21.76
5	64QAM	12	7	21.89	21.77	21.83
5	64QAM	12	13	21.76	21.86	21.91
5	64QAM	25	0	21.91	21.87	21.84



LTE Band 41						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				40140	40640	41140
Frequency (MHz)				2545	2595	2645
20	QPSK	1	0	23.02	23.14	23.08
20	QPSK	1	49	22.98	23.07	23.08
20	QPSK	1	99	22.92	23.03	22.88
20	QPSK	50	0	21.98	22.24	22.17
20	QPSK	50	24	21.98	22.01	21.98
20	QPSK	50	50	22.01	22.02	22.08
20	QPSK	100	0	21.98	22.08	21.98
20	16QAM	1	0	22.02	22.01	21.98
20	16QAM	1	49	22.01	22.01	21.98
20	16QAM	1	99	22.08	22.08	22.08
20	16QAM	50	0	21.99	22.01	21.98
20	16QAM	50	24	21.97	21.98	21.98
20	16QAM	50	50	22.03	22.44	22.08
20	16QAM	100	0	21.97	22.43	22.01
20	64QAM	1	0	22.12	22.23	22.02
20	64QAM	1	49	22.05	22.05	22.02
20	64QAM	1	99	22.15	22.01	21.98
20	64QAM	50	0	22.11	22.04	22.08
20	64QAM	50	24	21.96	22.11	22.01
20	64QAM	50	50	22.06	22.25	22.07
20	64QAM	100	0	22.04	22.28	22.08



LTE Band 41						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				40115	40640	41165
Frequency (MHz)				2542.5	2595	2647.5
15	QPSK	1	0	22.68	23.04	22.90
15	QPSK	1	37	22.67	23.08	23.01
15	QPSK	1	74	22.67	23.01	22.81
15	QPSK	36	0	22.06	22.03	22.84
15	QPSK	36	20	22.11	21.99	22.91
15	QPSK	36	39	22.27	21.98	22.86
15	QPSK	75	0	22.05	22.01	22.83
15	16QAM	1	0	21.99	22.38	22.05
15	16QAM	1	37	22.20	21.95	22.14
15	16QAM	1	74	22.16	21.52	22.07
15	16QAM	36	0	22.03	21.92	22.52
15	16QAM	36	20	22.08	21.88	22.54
15	16QAM	36	39	22.15	22.42	22.30
15	16QAM	75	0	22.06	21.90	21.90
15	64QAM	1	0	22.36	22.28	22.64
15	64QAM	1	37	22.64	22.42	21.76
15	64QAM	1	74	22.61	22.21	21.49
15	64QAM	36	0	22.05	21.99	22.13
15	64QAM	36	20	22.20	22.43	22.02
15	64QAM	36	39	22.15	22.40	21.94
15	64QAM	75	0	22.13	22.40	22.02



LTE Band 41						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				40090	40640	41190
Frequency (MHz)				2540	2595	2650
10	QPSK	1	0	22.72	23.01	22.88
10	QPSK	1	25	22.92	22.88	22.83
10	QPSK	1	49	22.69	23.08	22.84
10	QPSK	25	0	22.02	22.33	22.30
10	QPSK	25	12	22.10	22.22	22.30
10	QPSK	25	25	22.14	22.17	22.66
10	QPSK	50	0	22.19	22.25	21.90
10	16QAM	1	0	22.05	22.07	22.10
10	16QAM	1	25	22.23	22.22	22.14
10	16QAM	1	49	22.09	22.14	22.29
10	16QAM	25	0	22.09	22.28	21.95
10	16QAM	25	12	22.22	22.14	21.71
10	16QAM	25	25	22.19	22.26	22.22
10	16QAM	50	0	22.17	22.24	21.98
10	64QAM	1	0	21.99	21.95	22.35
10	64QAM	1	25	22.02	22.12	22.30
10	64QAM	1	49	22.00	21.99	22.11
10	64QAM	25	0	22.07	22.20	22.27
10	64QAM	25	12	22.10	22.09	22.02
10	64QAM	25	25	22.19	22.18	22.25
10	64QAM	50	0	22.15	22.23	22.31



LTE Band 41						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				40065	40640	41215
Frequency (MHz)				2537.5	2595	2652.5
5	QPSK	1	0	22.69	23.01	22.79
5	QPSK	1	12	22.68	22.88	22.83
5	QPSK	1	24	22.81	22.98	22.84
5	QPSK	12	0	22.04	22.42	22.02
5	QPSK	12	7	22.12	22.27	22.24
5	QPSK	12	13	22.06	22.49	22.30
5	QPSK	25	0	22.09	22.50	22.23
5	16QAM	1	0	22.53	22.51	22.14
5	16QAM	1	12	22.14	22.68	22.04
5	16QAM	1	24	22.00	22.49	22.30
5	16QAM	12	0	21.98	22.15	22.10
5	16QAM	12	7	22.10	22.25	22.23
5	16QAM	12	13	22.16	22.15	22.02
5	16QAM	25	0	22.08	22.23	22.00
5	64QAM	1	0	22.35	22.47	22.05
5	64QAM	1	12	22.55	22.60	22.01
5	64QAM	1	24	22.40	22.53	22.34
5	64QAM	12	0	22.35	22.13	22.21
5	64QAM	12	7	22.36	22.21	22.29
5	64QAM	12	13	22.34	22.00	22.20
5	64QAM	25	0	22.08	22.06	22.02



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				132072	132322	132572
Frequency (MHz)				1720	1745	1770
20	QPSK	1	0	23.01	23.07	23.05
20	QPSK	1	49	22.86	22.85	22.81
20	QPSK	1	99	22.79	22.78	22.81
20	QPSK	50	0	22.24	22.31	22.27
20	QPSK	50	24	22.05	22.07	22.20
20	QPSK	50	50	22.09	22.17	22.05
20	QPSK	100	0	22.07	22.07	21.99
20	16QAM	1	0	22.12	21.88	22.16
20	16QAM	1	49	22.17	21.91	21.97
20	16QAM	1	99	22.17	22.35	22.14
20	16QAM	50	0	22.29	22.26	22.23
20	16QAM	50	24	22.18	22.18	22.19
20	16QAM	50	50	22.15	22.07	22.03
20	16QAM	100	0	22.11	22.14	22.20
20	64QAM	1	0	22.27	22.04	22.37
20	64QAM	1	49	22.04	22.37	22.36
20	64QAM	1	99	22.27	22.39	22.47
20	64QAM	50	0	22.23	22.13	22.26
20	64QAM	50	24	22.17	22.11	22.23
20	64QAM	50	50	22.19	22.07	22.13
20	64QAM	100	0	22.18	22.18	22.16



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				132047	132322	132597
Frequency (MHz)				1717.5	1745	1772.5
15	QPSK	1	0	22.87	22.91	22.89
15	QPSK	1	37	23.01	22.87	22.85
15	QPSK	1	74	22.85	22.81	22.79
15	QPSK	36	0	22.06	22.03	22.07
15	QPSK	36	20	22.06	21.98	22.08
15	QPSK	36	39	21.92	21.97	21.94
15	QPSK	75	0	22.01	22.05	21.98
15	16QAM	1	0	22.00	21.87	22.17
15	16QAM	1	37	21.87	22.17	22.10
15	16QAM	1	74	21.97	21.87	21.87
15	16QAM	36	0	22.18	22.18	22.09
15	16QAM	36	20	22.21	22.20	22.26
15	16QAM	36	39	22.13	22.28	22.22
15	16QAM	75	0	22.23	22.21	22.17
15	64QAM	1	0	22.37	22.27	22.37
15	64QAM	1	37	22.39	22.17	22.27
15	64QAM	1	74	22.04	22.30	22.37
15	64QAM	36	0	22.16	22.15	22.28
15	64QAM	36	20	22.26	22.22	22.23
15	64QAM	36	39	22.15	22.09	22.13
15	64QAM	75	0	22.17	22.19	22.16



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				132022	132322	132622
Frequency (MHz)				1715	1745	1775
10	QPSK	1	0	22.85	22.85	22.86
10	QPSK	1	25	22.75	22.73	22.81
10	QPSK	1	49	22.89	22.77	22.67
10	QPSK	25	0	22.32	22.25	22.32
10	QPSK	25	12	22.29	22.48	22.26
10	QPSK	25	25	22.30	22.26	22.18
10	QPSK	50	0	22.38	22.23	22.42
10	16QAM	1	0	22.30	22.30	22.50
10	16QAM	1	25	22.30	22.39	22.51
10	16QAM	1	49	22.13	22.33	22.21
10	16QAM	25	0	22.14	22.31	22.19
10	16QAM	25	12	22.13	22.33	22.24
10	16QAM	25	25	22.04	22.09	22.09
10	16QAM	50	0	22.20	22.24	22.25
10	64QAM	1	0	22.20	22.20	21.87
10	64QAM	1	25	21.87	22.00	21.90
10	64QAM	1	49	21.87	21.87	21.87
10	64QAM	25	0	22.20	22.18	22.20
10	64QAM	25	12	22.19	22.23	22.27
10	64QAM	25	25	22.19	22.12	22.14
10	64QAM	50	0	22.09	22.19	22.20



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	22.74	22.77	22.82
5	QPSK	1	12	22.77	22.77	22.76
5	QPSK	1	24	22.85	22.75	22.81
5	QPSK	12	0	22.01	22.03	21.99
5	QPSK	12	7	22.03	22.11	22.04
5	QPSK	12	13	21.94	22.00	22.01
5	QPSK	25	0	22.04	22.05	22.04
5	16QAM	1	0	22.53	22.22	22.23
5	16QAM	1	12	22.16	22.45	22.40
5	16QAM	1	24	22.28	22.17	22.52
5	16QAM	12	0	22.17	22.28	22.24
5	16QAM	12	7	22.34	22.26	22.38
5	16QAM	12	13	22.25	22.19	22.26
5	16QAM	25	0	22.26	22.28	22.20
5	64QAM	1	0	21.87	22.27	22.07
5	64QAM	1	12	22.17	22.17	22.17
5	64QAM	1	24	22.00	22.04	22.00
5	64QAM	12	0	22.24	21.99	22.20
5	64QAM	12	7	22.32	21.91	22.22
5	64QAM	12	13	22.15	22.27	22.22
5	64QAM	25	0	22.22	22.30	22.17



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				131987	132322	132657
Frequency (MHz)				1711.5	1745	1778.5
3	QPSK	1	0	22.81	22.72	22.71
3	QPSK	1	8	22.68	22.69	22.77
3	QPSK	1	14	22.59	22.40	22.70
3	QPSK	8	0	22.27	22.24	22.28
3	QPSK	8	4	22.27	22.19	22.29
3	QPSK	8	7	22.13	22.18	22.15
3	QPSK	15	0	22.22	22.26	22.19
3	16QAM	1	0	21.91	22.32	22.08
3	16QAM	1	8	22.24	22.18	22.17
3	16QAM	1	14	22.28	22.17	21.87
3	16QAM	8	0	22.09	22.09	22.00
3	16QAM	8	4	22.12	22.11	22.17
3	16QAM	8	7	22.04	22.19	22.13
3	16QAM	15	0	22.14	22.12	22.08
3	64QAM	1	0	22.28	22.18	22.28
3	64QAM	1	8	22.30	22.08	22.18
3	64QAM	1	14	21.95	22.21	22.28
3	64QAM	8	0	22.07	22.06	22.19
3	64QAM	8	4	22.17	22.13	22.14
3	64QAM	8	7	22.06	22.00	22.04
3	64QAM	15	0	22.08	22.10	22.07



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	22.75	22.66	22.67
1.4	QPSK	1	3	22.81	22.83	22.83
1.4	QPSK	1	5	22.73	22.61	22.77
1.4	QPSK	3	0	22.72	22.65	22.72
1.4	QPSK	3	1	22.69	22.75	22.66
1.4	QPSK	3	3	22.70	22.66	22.58
1.4	QPSK	6	0	22.30	22.15	22.34
1.4	16QAM	1	0	22.22	22.22	22.42
1.4	16QAM	1	3	22.22	22.31	22.43
1.4	16QAM	1	5	22.05	22.25	22.13
1.4	16QAM	3	0	22.00	21.97	22.23
1.4	16QAM	3	1	22.09	21.99	22.11
1.4	16QAM	3	3	22.10	22.11	22.05
1.4	16QAM	6	0	21.99	21.90	21.91
1.4	64QAM	1	0	22.33	22.18	22.34
1.4	64QAM	1	3	22.06	22.15	22.15
1.4	64QAM	1	5	22.03	22.03	22.14
1.4	64QAM	3	0	22.12	22.10	22.12
1.4	64QAM	3	1	22.11	22.15	22.19
1.4	64QAM	3	3	22.11	22.04	22.06
1.4	64QAM	6	0	22.01	22.11	22.12

**Effective Radiated Power and Effective Isotropic Radiated Power**

LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18700		18900		19100	
Frequency (MHz)				1860		1880		1900	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	24.16	0.261	24.19	0.262	24.13	0.259
20	QPSK	1	49	24.14	0.259	24.08	0.256	24.01	0.252
20	QPSK	1	99	24.08	0.256	24.04	0.254	24.02	0.252
20	QPSK	50	0	23.36	0.217	23.45	0.221	23.38	0.218
20	QPSK	50	24	23.37	0.217	23.42	0.220	23.42	0.220
20	QPSK	50	50	23.42	0.220	23.38	0.218	23.44	0.221
20	QPSK	100	0	23.35	0.216	23.44	0.221	23.40	0.219
20	16QAM	1	0	23.41	0.219	23.41	0.219	23.43	0.220
20	16QAM	1	49	23.25	0.211	23.55	0.226	23.51	0.224
20	16QAM	1	99	23.50	0.224	23.35	0.216	23.75	0.237
20	16QAM	50	0	23.43	0.220	23.40	0.219	23.38	0.218
20	16QAM	50	24	23.39	0.218	23.44	0.221	23.45	0.221
20	16QAM	50	50	23.47	0.222	23.44	0.221	23.51	0.224
20	16QAM	100	0	23.50	0.224	23.51	0.224	23.38	0.218
20	64QAM	1	0	23.45	0.221	23.64	0.231	23.38	0.218
20	64QAM	1	49	23.40	0.219	23.58	0.228	23.49	0.223
20	64QAM	1	99	23.35	0.216	23.68	0.233	23.68	0.233
20	64QAM	50	0	23.45	0.221	23.37	0.217	23.42	0.220
20	64QAM	50	24	23.48	0.223	23.42	0.220	23.47	0.222
20	64QAM	50	50	23.47	0.222	23.48	0.223	23.42	0.220
20	64QAM	100	0	23.35	0.216	23.32	0.215	23.33	0.215



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	23.97	0.249	24.00	0.251	23.91	0.246
15	QPSK	1	37	23.76	0.238	24.12	0.258	24.00	0.251
15	QPSK	1	74	24.13	0.259	24.05	0.254	24.13	0.259
15	QPSK	36	0	23.22	0.210	23.31	0.214	23.30	0.214
15	QPSK	36	20	23.21	0.209	23.40	0.219	23.37	0.217
15	QPSK	36	39	23.33	0.215	23.34	0.216	23.31	0.214
15	QPSK	75	0	23.25	0.211	23.31	0.214	23.27	0.212
15	16QAM	1	0	23.34	0.216	23.42	0.220	23.36	0.217
15	16QAM	1	37	23.47	0.222	23.50	0.224	23.36	0.217
15	16QAM	1	74	23.42	0.220	23.54	0.226	23.54	0.226
15	16QAM	36	0	23.21	0.209	23.26	0.212	23.29	0.213
15	16QAM	36	20	23.30	0.214	23.23	0.210	23.36	0.217
15	16QAM	36	39	23.35	0.216	23.44	0.221	23.41	0.219
15	16QAM	75	0	23.22	0.210	23.24	0.211	23.33	0.215
15	64QAM	1	0	23.42	0.220	23.18	0.208	23.24	0.211
15	64QAM	1	37	23.41	0.219	23.22	0.210	23.64	0.231
15	64QAM	1	74	23.30	0.214	23.34	0.216	23.49	0.223
15	64QAM	36	0	23.15	0.207	23.32	0.215	23.20	0.209
15	64QAM	36	20	23.35	0.216	23.37	0.217	23.27	0.212
15	64QAM	36	39	23.23	0.210	23.28	0.213	23.37	0.217
15	64QAM	75	0	23.22	0.210	23.29	0.213	23.28	0.213



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	23.94	0.248	23.93	0.247	24.03	0.253
10	QPSK	1	25	24.05	0.254	24.15	0.260	24.03	0.253
10	QPSK	1	49	23.94	0.248	24.02	0.252	23.94	0.248
10	QPSK	25	0	23.33	0.215	23.34	0.216	23.30	0.214
10	QPSK	25	12	23.29	0.213	23.41	0.219	23.34	0.216
10	QPSK	25	25	23.20	0.209	23.33	0.215	23.29	0.213
10	QPSK	50	0	23.26	0.212	23.35	0.216	23.33	0.215
10	16QAM	1	0	23.74	0.237	23.67	0.233	23.66	0.232
10	16QAM	1	25	23.43	0.220	23.39	0.218	23.46	0.222
10	16QAM	1	49	23.38	0.218	23.46	0.222	23.25	0.211
10	16QAM	25	0	23.28	0.213	23.27	0.212	23.24	0.211
10	16QAM	25	12	23.44	0.221	23.24	0.211	23.24	0.211
10	16QAM	25	25	23.24	0.211	23.44	0.221	23.54	0.226
10	16QAM	50	0	23.81	0.240	23.74	0.237	23.78	0.239
10	64QAM	1	0	23.32	0.215	23.37	0.217	23.37	0.217
10	64QAM	1	25	23.35	0.216	23.40	0.219	23.44	0.221
10	64QAM	1	49	23.02	0.200	23.15	0.207	23.12	0.205
10	64QAM	25	0	23.32	0.215	23.36	0.217	23.37	0.217
10	64QAM	25	12	23.35	0.216	23.33	0.215	23.34	0.216
10	64QAM	25	25	23.28	0.213	23.06	0.202	23.28	0.213
10	64QAM	50	0	23.29	0.213	23.29	0.213	23.26	0.212



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	24.08	0.256	24.13	0.259	24.07	0.255
5	QPSK	1	12	24.07	0.255	24.02	0.252	24.05	0.254
5	QPSK	1	24	24.03	0.253	24.11	0.258	24.12	0.258
5	QPSK	12	0	23.32	0.215	23.23	0.210	23.30	0.214
5	QPSK	12	7	23.33	0.215	23.38	0.218	23.30	0.214
5	QPSK	12	13	23.32	0.215	23.31	0.214	23.34	0.216
5	QPSK	25	0	23.31	0.214	23.29	0.213	23.31	0.214
5	16QAM	1	0	23.44	0.221	23.34	0.216	23.72	0.236
5	16QAM	1	12	23.42	0.220	23.35	0.216	23.72	0.236
5	16QAM	1	24	23.45	0.221	23.32	0.215	23.71	0.235
5	16QAM	12	0	23.54	0.226	23.68	0.233	23.54	0.226
5	16QAM	12	7	23.44	0.221	23.44	0.221	23.24	0.211
5	16QAM	12	13	23.24	0.211	23.57	0.228	23.34	0.216
5	16QAM	25	0	23.34	0.216	23.80	0.240	23.78	0.239
5	64QAM	1	0	23.54	0.226	23.26	0.212	23.31	0.214
5	64QAM	1	12	23.70	0.234	23.36	0.217	23.47	0.222
5	64QAM	1	24	23.71	0.235	23.35	0.216	23.37	0.217
5	64QAM	12	0	23.36	0.217	23.29	0.213	23.28	0.213
5	64QAM	12	7	23.42	0.220	23.26	0.212	23.26	0.212
5	64QAM	12	13	23.39	0.218	23.35	0.216	23.33	0.215
5	64QAM	25	0	23.46	0.222	23.26	0.212	23.33	0.215



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	24.02	0.252	24.09	0.256	24.01	0.252
3	QPSK	1	8	24.12	0.258	24.15	0.260	23.98	0.250
3	QPSK	1	14	24.13	0.259	24.00	0.251	24.00	0.251
3	QPSK	8	0	23.20	0.209	23.15	0.207	23.17	0.207
3	QPSK	8	4	23.26	0.212	23.20	0.209	23.21	0.209
3	QPSK	8	7	23.26	0.212	23.20	0.209	23.16	0.207
3	QPSK	15	0	23.18	0.208	23.26	0.212	23.19	0.208
3	16QAM	1	0	23.34	0.216	23.25	0.211	23.19	0.208
3	16QAM	1	8	23.38	0.218	23.32	0.215	23.28	0.213
3	16QAM	1	14	23.31	0.214	23.28	0.213	23.16	0.207
3	16QAM	8	0	23.74	0.237	23.87	0.244	23.79	0.239
3	16QAM	8	4	23.81	0.240	23.78	0.239	23.84	0.242
3	16QAM	8	7	23.71	0.235	23.76	0.238	23.79	0.239
3	16QAM	15	0	23.74	0.237	23.78	0.239	23.73	0.236
3	64QAM	1	0	23.27	0.212	23.20	0.209	23.23	0.210
3	64QAM	1	8	23.69	0.234	23.68	0.233	23.28	0.213
3	64QAM	1	14	23.30	0.214	23.66	0.232	23.30	0.214
3	64QAM	8	0	23.22	0.210	23.24	0.211	23.08	0.203
3	64QAM	8	4	23.32	0.215	23.22	0.210	23.22	0.210
3	64QAM	8	7	23.42	0.220	23.31	0.214	23.17	0.207
3	64QAM	15	0	23.27	0.212	23.27	0.212	23.25	0.211



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	24.08	0.256	24.11	0.258	24.06	0.255
1.4	QPSK	1	3	23.98	0.250	23.96	0.249	23.95	0.248
1.4	QPSK	1	5	23.95	0.248	23.93	0.247	23.91	0.246
1.4	QPSK	3	0	23.95	0.248	23.95	0.248	23.91	0.246
1.4	QPSK	3	1	23.99	0.251	23.96	0.249	23.94	0.248
1.4	QPSK	3	3	24.01	0.252	24.05	0.254	23.94	0.248
1.4	QPSK	6	0	23.16	0.207	23.14	0.206	23.13	0.206
1.4	16QAM	1	0	23.19	0.208	23.19	0.208	23.13	0.206
1.4	16QAM	1	3	23.15	0.207	23.35	0.216	23.33	0.215
1.4	16QAM	1	5	23.03	0.201	23.23	0.210	22.91	0.195
1.4	16QAM	3	0	23.05	0.202	23.10	0.204	23.07	0.203
1.4	16QAM	3	1	23.23	0.210	23.05	0.202	23.10	0.204
1.4	16QAM	3	3	23.25	0.211	23.22	0.210	22.96	0.198
1.4	16QAM	6	0	23.26	0.212	23.19	0.208	23.14	0.206
1.4	64QAM	1	0	23.14	0.206	23.06	0.202	23.09	0.204
1.4	64QAM	1	3	23.16	0.207	23.37	0.217	23.25	0.211
1.4	64QAM	1	5	23.14	0.206	23.49	0.223	23.08	0.203
1.4	64QAM	3	0	23.17	0.207	23.23	0.210	23.24	0.211
1.4	64QAM	3	1	23.26	0.212	23.23	0.210	23.44	0.221
1.4	64QAM	3	3	23.18	0.208	23.32	0.215	23.09	0.204
1.4	64QAM	6	0	23.23	0.210	23.26	0.212	23.15	0.207



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20050		20175		20300	
Frequency (MHz)				1720		1732.5		1745	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	24.19	0.262	24.27	0.267	24.26	0.267
20	QPSK	1	49	24.05	0.254	24.13	0.259	24.12	0.258
20	QPSK	1	99	23.97	0.249	24.10	0.257	24.22	0.264
20	QPSK	50	0	23.26	0.212	23.39	0.218	23.36	0.217
20	QPSK	50	24	23.26	0.212	23.34	0.216	23.34	0.216
20	QPSK	50	50	23.15	0.207	23.26	0.212	23.27	0.212
20	QPSK	100	0	23.25	0.211	23.29	0.213	23.36	0.217
20	16QAM	1	0	23.12	0.205	23.42	0.220	23.29	0.213
20	16QAM	1	49	23.27	0.212	23.04	0.201	23.18	0.208
20	16QAM	1	99	23.06	0.202	23.28	0.213	23.12	0.205
20	16QAM	50	0	23.25	0.211	23.18	0.208	23.32	0.215
20	16QAM	50	24	23.51	0.224	23.62	0.230	23.51	0.224
20	16QAM	50	50	23.47	0.222	23.48	0.223	23.48	0.223
20	16QAM	100	0	23.49	0.223	23.57	0.228	23.58	0.228
20	64QAM	1	0	23.23	0.210	23.34	0.216	23.56	0.227
20	64QAM	1	49	23.27	0.212	23.20	0.209	23.08	0.203
20	64QAM	1	99	23.54	0.226	23.11	0.205	23.58	0.228
20	64QAM	50	0	23.24	0.211	23.33	0.215	23.28	0.213
20	64QAM	50	24	23.26	0.212	23.37	0.217	23.31	0.214
20	64QAM	50	50	23.30	0.214	23.25	0.211	23.27	0.212
20	64QAM	100	0	23.33	0.215	23.31	0.214	23.40	0.219



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20025		20175		20325	
Frequency (MHz)				1717.5		1732.5		1747.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	24.06	0.255	24.10	0.257	24.20	0.263
15	QPSK	1	37	24.10	0.257	24.19	0.262	24.11	0.258
15	QPSK	1	74	23.97	0.249	24.19	0.262	24.22	0.264
15	QPSK	36	0	23.20	0.209	23.27	0.212	23.30	0.214
15	QPSK	36	20	23.24	0.211	23.37	0.217	23.33	0.215
15	QPSK	36	39	23.29	0.213	23.28	0.213	23.37	0.217
15	QPSK	75	0	23.24	0.211	23.26	0.212	23.27	0.212
15	16QAM	1	0	23.18	0.208	23.40	0.219	23.12	0.205
15	16QAM	1	37	23.26	0.212	23.26	0.212	23.10	0.204
15	16QAM	1	74	23.12	0.205	23.42	0.220	23.21	0.209
15	16QAM	36	0	23.13	0.206	23.15	0.207	23.34	0.216
15	16QAM	36	20	23.08	0.203	23.15	0.207	23.21	0.209
15	16QAM	36	39	23.04	0.201	23.13	0.206	23.19	0.208
15	16QAM	75	0	23.15	0.207	23.16	0.207	23.25	0.211
15	64QAM	1	0	23.10	0.204	23.41	0.219	23.46	0.222
15	64QAM	1	37	23.52	0.225	23.28	0.213	23.34	0.216
15	64QAM	1	74	23.56	0.227	23.27	0.212	23.31	0.214
15	64QAM	36	0	23.21	0.209	23.28	0.213	23.32	0.215
15	64QAM	36	20	23.27	0.212	23.29	0.213	23.31	0.214
15	64QAM	36	39	23.30	0.214	23.26	0.212	23.28	0.213
15	64QAM	75	0	23.23	0.210	23.34	0.216	23.27	0.212



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	23.98	0.250	24.17	0.261	24.00	0.251
10	QPSK	1	25	23.96	0.249	24.09	0.256	24.10	0.257
10	QPSK	1	49	24.04	0.254	23.87	0.244	24.10	0.257
10	QPSK	25	0	23.03	0.201	23.25	0.211	23.27	0.212
10	QPSK	25	12	23.15	0.207	23.21	0.209	23.25	0.211
10	QPSK	25	25	23.04	0.201	23.15	0.207	23.22	0.210
10	QPSK	50	0	23.10	0.204	23.20	0.209	23.12	0.205
10	16QAM	1	0	23.09	0.204	23.24	0.211	23.00	0.200
10	16QAM	1	25	23.36	0.217	23.10	0.204	23.42	0.220
10	16QAM	1	49	23.43	0.220	23.33	0.215	23.32	0.215
10	16QAM	25	0	23.09	0.204	23.08	0.203	23.07	0.203
10	16QAM	25	12	23.01	0.200	23.11	0.205	23.08	0.203
10	16QAM	25	25	23.35	0.216	23.26	0.212	23.35	0.216
10	16QAM	50	0	23.29	0.213	23.33	0.215	23.45	0.221
10	64QAM	1	0	23.15	0.207	23.23	0.210	23.13	0.206
10	64QAM	1	25	23.22	0.210	23.51	0.224	23.60	0.229
10	64QAM	1	49	23.20	0.209	23.24	0.211	23.19	0.208
10	64QAM	25	0	23.04	0.201	23.18	0.208	23.17	0.207
10	64QAM	25	12	23.13	0.206	23.24	0.211	23.28	0.213
10	64QAM	25	25	23.01	0.200	23.13	0.206	23.15	0.207
10	64QAM	50	0	23.07	0.203	23.14	0.206	23.13	0.206



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	23.88	0.244	24.10	0.257	24.15	0.260
5	QPSK	1	12	23.94	0.248	24.09	0.256	24.06	0.255
5	QPSK	1	24	23.89	0.245	24.01	0.252	24.00	0.251
5	QPSK	12	0	23.11	0.205	23.11	0.205	23.15	0.207
5	QPSK	12	7	23.11	0.205	23.22	0.210	23.19	0.208
5	QPSK	12	13	23.06	0.202	23.23	0.210	23.15	0.207
5	QPSK	25	0	23.09	0.204	23.13	0.206	23.19	0.208
5	16QAM	1	0	22.99	0.199	23.40	0.219	23.08	0.203
5	16QAM	1	12	23.10	0.204	23.45	0.221	23.04	0.201
5	16QAM	1	24	23.04	0.201	23.39	0.218	22.99	0.199
5	16QAM	12	0	23.03	0.201	22.97	0.198	23.00	0.200
5	16QAM	12	7	23.06	0.202	23.10	0.204	23.08	0.203
5	16QAM	12	13	23.33	0.215	23.40	0.219	23.44	0.221
5	16QAM	25	0	23.34	0.216	23.45	0.221	23.38	0.218
5	64QAM	1	0	23.11	0.205	23.55	0.226	23.53	0.225
5	64QAM	1	12	23.49	0.223	23.25	0.211	23.52	0.225
5	64QAM	1	24	23.45	0.221	23.15	0.207	23.22	0.210
5	64QAM	12	0	23.12	0.205	23.19	0.208	23.21	0.209
5	64QAM	12	7	23.11	0.205	23.20	0.209	23.26	0.212
5	64QAM	12	13	23.12	0.205	23.18	0.208	23.17	0.207
5	64QAM	25	0	23.07	0.203	23.21	0.209	23.12	0.205



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				19965		20175		20385	
Frequency (MHz)				1711.5		1732.5		1753.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	24.00	0.251	24.01	0.252	24.13	0.259
3	QPSK	1	8	24.09	0.256	24.23	0.265	24.17	0.261
3	QPSK	1	14	23.89	0.245	24.08	0.256	24.08	0.256
3	QPSK	8	0	23.09	0.204	23.15	0.207	23.16	0.207
3	QPSK	8	4	23.15	0.207	23.23	0.210	23.25	0.211
3	QPSK	8	7	23.11	0.205	23.21	0.209	23.21	0.209
3	QPSK	15	0	23.11	0.205	23.17	0.207	23.11	0.205
3	16QAM	1	0	23.19	0.208	23.28	0.213	23.32	0.215
3	16QAM	1	8	23.41	0.219	23.41	0.219	23.15	0.207
3	16QAM	1	14	23.32	0.215	23.10	0.204	23.18	0.208
3	16QAM	8	0	23.11	0.205	23.12	0.205	23.21	0.209
3	16QAM	8	4	23.21	0.209	23.21	0.209	23.22	0.210
3	16QAM	8	7	23.43	0.220	23.51	0.224	23.55	0.226
3	16QAM	15	0	23.43	0.220	23.41	0.219	23.48	0.223
3	64QAM	1	0	23.10	0.204	23.19	0.208	23.17	0.207
3	64QAM	1	8	23.29	0.213	23.17	0.207	23.33	0.215
3	64QAM	1	14	23.10	0.204	23.17	0.207	23.00	0.200
3	64QAM	8	0	23.08	0.203	23.12	0.205	23.06	0.202
3	64QAM	8	4	23.20	0.209	23.18	0.208	23.22	0.210
3	64QAM	8	7	23.14	0.206	23.21	0.209	23.33	0.215
3	64QAM	15	0	23.10	0.204	23.18	0.208	23.09	0.204



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	23.75	0.237	23.96	0.249	23.97	0.249
1.4	QPSK	1	3	24.09	0.256	24.09	0.256	24.13	0.259
1.4	QPSK	1	5	23.95	0.248	24.04	0.254	24.06	0.255
1.4	QPSK	3	0	24.03	0.253	24.00	0.251	23.99	0.251
1.4	QPSK	3	1	23.99	0.251	24.09	0.256	24.14	0.259
1.4	QPSK	3	3	23.98	0.250	24.05	0.254	24.04	0.254
1.4	QPSK	6	0	23.14	0.206	23.16	0.207	23.12	0.205
1.4	16QAM	1	0	23.08	0.203	23.55	0.226	23.21	0.209
1.4	16QAM	1	3	23.21	0.209	23.29	0.213	23.33	0.215
1.4	16QAM	1	5	23.27	0.212	23.43	0.220	23.23	0.210
1.4	16QAM	3	0	23.30	0.214	23.34	0.216	23.25	0.211
1.4	16QAM	3	1	23.31	0.214	23.34	0.216	23.36	0.217
1.4	16QAM	3	3	23.30	0.214	23.42	0.220	23.31	0.214
1.4	16QAM	6	0	23.21	0.209	23.22	0.210	23.13	0.206
1.4	64QAM	1	0	22.99	0.199	22.93	0.196	23.07	0.203
1.4	64QAM	1	3	23.25	0.211	23.23	0.210	23.35	0.216
1.4	64QAM	1	5	23.16	0.207	23.12	0.205	22.96	0.198
1.4	64QAM	3	0	23.07	0.203	23.05	0.202	23.24	0.211
1.4	64QAM	3	1	22.98	0.199	23.13	0.206	23.10	0.204
1.4	64QAM	3	3	23.04	0.201	23.21	0.209	23.09	0.204
1.4	64QAM	6	0	23.03	0.201	23.04	0.201	23.11	0.205



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	21.90	0.155	21.91	0.155	21.83	0.152
10	QPSK	1	25	21.76	0.150	21.79	0.151	21.59	0.144
10	QPSK	1	49	21.68	0.147	21.80	0.151	21.48	0.141
10	QPSK	25	0	21.21	0.132	21.23	0.133	21.04	0.127
10	QPSK	25	12	20.97	0.125	20.99	0.126	21.04	0.127
10	QPSK	25	25	20.97	0.125	21.08	0.128	21.13	0.130
10	QPSK	50	0	21.03	0.127	20.91	0.123	21.05	0.127
10	16QAM	1	0	21.07	0.128	21.26	0.134	20.97	0.125
10	16QAM	1	25	21.30	0.135	21.33	0.136	21.01	0.126
10	16QAM	1	49	21.13	0.130	21.19	0.132	21.26	0.134
10	16QAM	25	0	21.22	0.132	21.23	0.133	21.05	0.127
10	16QAM	25	12	21.16	0.131	21.24	0.133	21.02	0.126
10	16QAM	25	25	21.19	0.132	21.12	0.129	21.15	0.130
10	16QAM	50	0	21.20	0.132	21.11	0.129	21.01	0.126
10	64QAM	1	0	21.16	0.131	21.26	0.134	21.14	0.130
10	64QAM	1	25	21.13	0.130	21.33	0.136	21.13	0.130
10	64QAM	1	49	21.02	0.126	21.24	0.133	21.15	0.130
10	64QAM	25	0	21.13	0.130	21.24	0.133	20.91	0.123
10	64QAM	25	12	21.12	0.129	21.29	0.135	21.00	0.126
10	64QAM	25	25	21.24	0.133	21.13	0.130	20.83	0.121
10	64QAM	50	0	21.20	0.132	21.16	0.131	21.02	0.126



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	21.85	0.153	21.81	0.152	21.79	0.151
5	QPSK	1	12	21.75	0.150	21.86	0.153	21.70	0.148
5	QPSK	1	24	21.75	0.150	21.70	0.148	21.70	0.148
5	QPSK	12	0	21.12	0.129	21.17	0.131	21.03	0.127
5	QPSK	12	7	21.19	0.132	21.20	0.132	21.12	0.129
5	QPSK	12	13	21.24	0.133	21.08	0.128	21.03	0.127
5	QPSK	25	0	21.15	0.130	21.11	0.129	21.03	0.127
5	16QAM	1	0	21.44	0.139	21.37	0.137	21.13	0.130
5	16QAM	1	12	21.14	0.130	21.36	0.137	21.12	0.129
5	16QAM	1	24	21.01	0.126	21.36	0.137	21.19	0.132
5	16QAM	12	0	21.10	0.129	21.19	0.132	21.18	0.131
5	16QAM	12	7	21.17	0.131	21.20	0.132	21.02	0.126
5	16QAM	12	13	21.17	0.131	21.08	0.128	21.13	0.130
5	16QAM	25	0	21.18	0.131	21.23	0.133	21.18	0.131
5	64QAM	1	0	21.25	0.133	21.13	0.130	21.24	0.133
5	64QAM	1	12	21.13	0.130	21.07	0.128	21.21	0.132
5	64QAM	1	24	21.27	0.134	21.11	0.129	21.05	0.127
5	64QAM	12	0	20.99	0.126	21.13	0.130	20.93	0.124
5	64QAM	12	7	21.03	0.127	21.19	0.132	20.97	0.125
5	64QAM	12	13	21.21	0.132	21.16	0.131	20.73	0.118
5	64QAM	25	0	21.09	0.129	21.16	0.131	20.77	0.119



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	21.54	0.143	21.85	0.153	21.70	0.148
3	QPSK	1	8	21.80	0.151	21.81	0.152	21.72	0.149
3	QPSK	1	14	21.81	0.152	21.79	0.151	21.53	0.142
3	QPSK	8	0	21.05	0.127	21.18	0.131	21.16	0.131
3	QPSK	8	4	21.19	0.132	21.25	0.133	21.22	0.132
3	QPSK	8	7	21.14	0.130	21.16	0.131	21.03	0.127
3	QPSK	15	0	21.12	0.129	21.18	0.131	21.17	0.131
3	16QAM	1	0	21.14	0.130	21.25	0.133	21.32	0.136
3	16QAM	1	8	21.07	0.128	21.33	0.136	21.17	0.131
3	16QAM	1	14	21.12	0.129	21.38	0.137	21.13	0.130
3	16QAM	8	0	21.08	0.128	21.17	0.131	20.91	0.123
3	16QAM	8	4	21.24	0.133	21.35	0.136	20.92	0.124
3	16QAM	8	7	21.16	0.131	21.22	0.132	20.96	0.125
3	16QAM	15	0	21.10	0.129	21.12	0.129	20.67	0.117
3	64QAM	1	0	21.05	0.127	20.93	0.124	21.14	0.130
3	64QAM	1	8	20.93	0.124	21.17	0.131	20.93	0.124
3	64QAM	1	14	20.95	0.124	21.13	0.130	20.94	0.124
3	64QAM	8	0	21.05	0.127	21.15	0.130	21.13	0.130
3	64QAM	8	4	21.27	0.134	21.11	0.129	21.05	0.127
3	64QAM	8	7	21.22	0.132	21.14	0.130	21.11	0.129
3	64QAM	15	0	21.11	0.129	21.21	0.132	21.01	0.126



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	21.75	0.150	21.82	0.152	21.86	0.153
1.4	QPSK	1	3	21.88	0.154	21.81	0.152	21.88	0.154
1.4	QPSK	1	5	21.77	0.150	21.71	0.148	21.72	0.149
1.4	QPSK	3	0	21.78	0.151	21.84	0.153	21.80	0.151
1.4	QPSK	3	1	21.84	0.153	21.71	0.148	21.81	0.152
1.4	QPSK	3	3	21.85	0.153	21.77	0.150	21.77	0.150
1.4	QPSK	6	0	21.10	0.129	21.09	0.129	21.08	0.128
1.4	16QAM	1	0	21.23	0.133	21.04	0.127	21.21	0.132
1.4	16QAM	1	3	21.03	0.127	21.27	0.134	21.16	0.131
1.4	16QAM	1	5	21.42	0.139	21.10	0.129	21.16	0.131
1.4	16QAM	3	0	20.95	0.124	20.93	0.124	21.07	0.128
1.4	16QAM	3	1	20.98	0.125	21.25	0.133	21.11	0.129
1.4	16QAM	3	3	21.06	0.128	21.17	0.131	21.05	0.127
1.4	16QAM	6	0	21.25	0.133	21.12	0.129	21.16	0.131
1.4	64QAM	1	0	20.78	0.120	20.95	0.124	20.97	0.125
1.4	64QAM	1	3	21.09	0.129	21.10	0.129	21.05	0.127
1.4	64QAM	1	5	21.04	0.127	21.03	0.127	20.91	0.123
1.4	64QAM	3	0	20.70	0.117	20.97	0.125	20.98	0.125
1.4	64QAM	3	1	20.98	0.125	20.92	0.124	20.93	0.124
1.4	64QAM	3	3	20.88	0.122	21.05	0.127	21.09	0.129
1.4	64QAM	6	0	21.09	0.129	21.21	0.132	21.10	0.129



LTE Band 7				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20850		21100		21350	
Frequency (MHz)				2510		2535		2560	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	24.20	0.263	24.21	0.264	24.13	0.259
20	QPSK	1	49	24.15	0.260	24.19	0.262	24.08	0.256
20	QPSK	1	99	24.10	0.257	24.05	0.254	24.10	0.257
20	QPSK	50	0	23.27	0.212	23.34	0.216	23.31	0.214
20	QPSK	50	24	23.24	0.211	23.21	0.209	23.11	0.205
20	QPSK	50	50	23.26	0.212	23.30	0.214	23.26	0.212
20	QPSK	100	0	23.29	0.213	23.31	0.214	23.28	0.213
20	16QAM	1	0	23.10	0.204	23.20	0.209	23.38	0.218
20	16QAM	1	49	23.25	0.211	23.11	0.205	23.39	0.218
20	16QAM	1	99	23.19	0.208	23.50	0.224	23.15	0.207
20	16QAM	50	0	23.04	0.201	23.14	0.206	23.07	0.203
20	16QAM	50	24	23.09	0.204	23.01	0.200	23.12	0.205
20	16QAM	50	50	23.17	0.207	23.22	0.210	23.05	0.202
20	16QAM	100	0	23.05	0.202	23.17	0.207	23.15	0.207
20	64QAM	1	0	23.53	0.225	23.37	0.217	23.10	0.204
20	64QAM	1	49	23.47	0.222	23.44	0.221	23.49	0.223
20	64QAM	1	99	23.45	0.221	23.50	0.224	23.41	0.219
20	64QAM	50	0	23.19	0.208	23.20	0.209	23.25	0.211
20	64QAM	50	24	23.24	0.211	23.25	0.211	23.25	0.211
20	64QAM	50	50	23.28	0.213	23.35	0.216	23.20	0.209
20	64QAM	100	0	23.21	0.209	23.18	0.208	23.30	0.214



LTE Band 7				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20825		21100		21375	
Frequency (MHz)				2507.5		2535		2562.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	24.03	0.253	24.12	0.258	24.12	0.258
15	QPSK	1	37	24.13	0.259	24.10	0.257	24.14	0.259
15	QPSK	1	74	24.07	0.255	24.14	0.259	24.14	0.259
15	QPSK	36	0	23.06	0.202	23.15	0.207	23.17	0.207
15	QPSK	36	20	23.14	0.206	23.21	0.209	23.16	0.207
15	QPSK	36	39	23.17	0.207	23.20	0.209	23.24	0.211
15	QPSK	75	0	23.23	0.210	23.16	0.207	23.18	0.208
15	16QAM	1	0	23.39	0.218	23.50	0.224	23.57	0.228
15	16QAM	1	37	23.21	0.209	23.32	0.215	23.30	0.214
15	16QAM	1	74	23.25	0.211	23.25	0.211	23.47	0.222
15	16QAM	36	0	23.05	0.202	23.16	0.207	23.18	0.208
15	16QAM	36	20	23.12	0.205	23.15	0.207	23.14	0.206
15	16QAM	36	39	23.18	0.208	23.16	0.207	23.05	0.202
15	16QAM	75	0	23.13	0.206	23.21	0.209	23.13	0.206
15	64QAM	1	0	23.43	0.220	23.40	0.219	23.28	0.213
15	64QAM	1	37	23.33	0.215	23.48	0.223	23.57	0.228
15	64QAM	1	74	23.32	0.215	23.44	0.221	23.50	0.224
15	64QAM	36	0	23.17	0.207	23.25	0.211	23.24	0.211
15	64QAM	36	20	23.28	0.213	23.27	0.212	23.34	0.216
15	64QAM	36	39	23.32	0.215	23.23	0.210	23.25	0.211
15	64QAM	75	0	23.17	0.207	23.27	0.212	23.22	0.210



LTE Band 7				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20800		21100		21400	
Frequency (MHz)				2505		2535		2565	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	24.03	0.253	24.12	0.258	24.12	0.258
10	QPSK	1	25	24.13	0.259	24.10	0.257	24.14	0.259
10	QPSK	1	49	24.07	0.255	24.14	0.259	24.14	0.259
10	QPSK	25	0	23.06	0.202	23.15	0.207	23.17	0.207
10	QPSK	25	12	23.14	0.206	23.21	0.209	23.16	0.207
10	QPSK	25	25	23.17	0.207	23.20	0.209	23.24	0.211
10	QPSK	50	0	23.23	0.210	23.16	0.207	23.18	0.208
10	16QAM	1	0	23.39	0.218	23.50	0.224	23.57	0.228
10	16QAM	1	25	23.21	0.209	23.32	0.215	23.30	0.214
10	16QAM	1	49	23.25	0.211	23.25	0.211	23.47	0.222
10	16QAM	25	0	23.05	0.202	23.16	0.207	23.18	0.208
10	16QAM	25	12	23.12	0.205	23.15	0.207	23.14	0.206
10	16QAM	25	25	23.18	0.208	23.16	0.207	23.05	0.202
10	16QAM	50	0	23.13	0.206	23.21	0.209	23.13	0.206
10	64QAM	1	0	23.22	0.210	23.19	0.208	23.07	0.203
10	64QAM	1	25	23.12	0.205	23.27	0.212	23.36	0.217
10	64QAM	1	49	23.11	0.205	23.23	0.210	23.29	0.213
10	64QAM	25	0	23.17	0.207	23.25	0.211	23.24	0.211
10	64QAM	25	12	23.28	0.213	23.27	0.212	23.34	0.216
10	64QAM	25	25	23.32	0.215	23.23	0.210	23.25	0.211
10	64QAM	50	0	23.17	0.207	23.27	0.212	23.22	0.210



LTE Band 7				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20775		21100		21425	
Frequency (MHz)				2502.5		2535		2567.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	24.06	0.255	23.97	0.249	23.87	0.244
5	QPSK	1	12	23.93	0.247	23.86	0.243	23.94	0.248
5	QPSK	1	24	23.87	0.244	23.93	0.247	23.97	0.249
5	QPSK	12	0	23.20	0.209	23.28	0.213	23.20	0.209
5	QPSK	12	7	23.27	0.212	23.42	0.220	23.34	0.216
5	QPSK	12	13	23.29	0.213	23.45	0.221	23.30	0.214
5	QPSK	25	0	23.30	0.214	23.31	0.214	23.26	0.212
5	16QAM	1	0	23.28	0.213	23.26	0.212	23.32	0.215
5	16QAM	1	12	23.33	0.215	23.55	0.226	23.45	0.221
5	16QAM	1	24	23.39	0.218	23.58	0.228	23.40	0.219
5	16QAM	12	0	23.30	0.214	23.36	0.217	23.27	0.212
5	16QAM	12	7	23.19	0.208	23.21	0.209	23.17	0.207
5	16QAM	12	13	23.19	0.208	23.25	0.211	23.38	0.218
5	16QAM	25	0	23.16	0.207	23.21	0.209	23.23	0.210
5	64QAM	1	0	23.40	0.219	23.45	0.221	23.41	0.219
5	64QAM	1	12	23.45	0.221	23.57	0.228	23.45	0.221
5	64QAM	1	24	23.49	0.223	23.59	0.229	23.55	0.226
5	64QAM	12	0	23.20	0.209	23.17	0.207	23.22	0.210
5	64QAM	12	7	23.29	0.213	23.34	0.216	23.13	0.206
5	64QAM	12	13	23.24	0.211	23.33	0.215	23.19	0.208
5	64QAM	25	0	23.19	0.208	23.18	0.208	23.23	0.210



LTE Band 12				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23060		23095		23130	
Frequency (MHz)				704		707.5		711	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	21.75	0.150	21.91	0.155	21.80	0.151
10	QPSK	1	25	21.61	0.145	21.74	0.149	21.77	0.150
10	QPSK	1	49	21.71	0.148	21.72	0.149	21.71	0.148
10	QPSK	25	0	21.00	0.126	21.10	0.129	21.01	0.126
10	QPSK	25	12	20.97	0.125	20.91	0.123	20.70	0.117
10	QPSK	25	25	21.02	0.126	21.08	0.128	21.01	0.126
10	QPSK	50	0	21.03	0.127	21.05	0.127	20.96	0.125
10	16QAM	1	0	20.96	0.125	20.51	0.112	20.64	0.116
10	16QAM	1	25	20.71	0.118	20.66	0.116	20.80	0.120
10	16QAM	1	49	20.80	0.120	20.85	0.122	20.74	0.119
10	16QAM	25	0	20.69	0.117	20.71	0.118	20.65	0.116
10	16QAM	25	12	20.73	0.118	20.77	0.119	20.66	0.116
10	16QAM	25	25	20.78	0.120	20.79	0.120	20.73	0.118
10	16QAM	50	0	20.68	0.117	20.76	0.119	20.81	0.121
10	64QAM	1	0	20.53	0.113	20.65	0.116	20.99	0.126
10	64QAM	1	25	20.97	0.125	21.03	0.127	20.62	0.115
10	64QAM	1	49	20.99	0.126	20.67	0.117	20.60	0.115
10	64QAM	25	0	20.50	0.112	20.44	0.111	20.41	0.110
10	64QAM	25	12	20.55	0.114	20.58	0.114	20.50	0.112
10	64QAM	25	25	20.60	0.115	20.57	0.114	20.57	0.114
10	64QAM	50	0	20.52	0.113	20.45	0.111	20.56	0.114



LTE Band 12				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23035		23095		23155	
Frequency (MHz)				701.5		707.5		713.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	21.50	0.141	21.83	0.152	21.61	0.145
5	QPSK	1	12	21.66	0.147	21.82	0.152	21.66	0.147
5	QPSK	1	24	21.62	0.145	21.81	0.152	21.67	0.147
5	QPSK	12	0	20.73	0.118	20.80	0.120	20.79	0.120
5	QPSK	12	7	20.84	0.121	20.86	0.122	20.83	0.121
5	QPSK	12	13	20.79	0.120	20.82	0.121	20.79	0.120
5	QPSK	25	0	20.75	0.119	20.87	0.122	20.83	0.121
5	16QAM	1	0	20.76	0.119	20.78	0.120	20.80	0.120
5	16QAM	1	12	20.93	0.124	20.88	0.122	20.89	0.123
5	16QAM	1	24	20.89	0.123	20.87	0.122	20.83	0.121
5	16QAM	12	0	20.63	0.116	20.60	0.115	20.63	0.116
5	16QAM	12	7	20.77	0.119	20.82	0.121	20.66	0.116
5	16QAM	12	13	20.72	0.118	20.69	0.117	20.74	0.119
5	16QAM	25	0	20.73	0.118	20.69	0.117	20.71	0.118
5	64QAM	1	0	20.51	0.112	20.52	0.113	20.57	0.114
5	64QAM	1	12	20.96	0.125	20.66	0.116	20.59	0.115
5	64QAM	1	24	20.94	0.124	20.63	0.116	20.68	0.117
5	64QAM	12	0	20.48	0.112	20.50	0.112	20.45	0.111
5	64QAM	12	7	20.58	0.114	20.46	0.111	20.52	0.113
5	64QAM	12	13	20.45	0.111	20.55	0.114	20.60	0.115
5	64QAM	25	0	20.60	0.115	20.56	0.114	20.53	0.113



LTE Band 12				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23025		23095		23165	
Frequency (MHz)				700.5		707.5		714.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	21.58	0.144	21.85	0.153	21.52	0.142
3	QPSK	1	8	21.76	0.150	21.75	0.150	21.65	0.146
3	QPSK	1	14	21.70	0.148	21.81	0.152	21.76	0.150
3	QPSK	8	0	20.81	0.121	20.79	0.120	20.79	0.120
3	QPSK	8	4	20.84	0.121	20.87	0.122	20.88	0.122
3	QPSK	8	7	20.79	0.120	20.87	0.122	20.81	0.121
3	QPSK	15	0	20.57	0.114	20.65	0.116	20.51	0.112
3	16QAM	1	0	20.58	0.114	20.94	0.124	20.53	0.113
3	16QAM	1	8	20.78	0.120	20.76	0.119	20.71	0.118
3	16QAM	1	14	20.61	0.115	20.66	0.116	20.52	0.113
3	16QAM	8	0	20.58	0.114	20.47	0.111	20.50	0.112
3	16QAM	8	4	20.63	0.116	20.60	0.115	20.71	0.118
3	16QAM	8	7	20.47	0.111	20.50	0.112	20.56	0.114
3	16QAM	15	0	20.66	0.116	20.59	0.115	20.58	0.114
3	64QAM	1	0	20.52	0.113	20.86	0.122	20.85	0.122
3	64QAM	1	8	20.81	0.121	20.71	0.118	20.72	0.118
3	64QAM	1	14	20.74	0.119	20.59	0.115	20.70	0.117
3	64QAM	8	0	20.41	0.110	20.49	0.112	20.40	0.110
3	64QAM	8	4	20.50	0.112	20.54	0.113	20.53	0.113
3	64QAM	8	7	20.49	0.112	20.41	0.110	20.56	0.114
3	64QAM	15	0	20.48	0.112	20.50	0.112	20.42	0.110



LTE Band 12				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23017		23095		23173	
Frequency (MHz)				699.7		707.5		715.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	21.61	0.145	21.78	0.151	21.58	0.144
1.4	QPSK	1	3	21.72	0.149	21.71	0.148	21.73	0.149
1.4	QPSK	1	5	21.61	0.145	21.66	0.147	21.62	0.145
1.4	QPSK	3	0	21.56	0.143	21.69	0.148	21.67	0.147
1.4	QPSK	3	1	21.77	0.150	21.77	0.150	21.44	0.139
1.4	QPSK	3	3	21.72	0.149	21.74	0.149	21.70	0.148
1.4	QPSK	6	0	20.78	0.120	20.75	0.119	20.73	0.118
1.4	16QAM	1	0	20.82	0.121	20.76	0.119	20.61	0.115
1.4	16QAM	1	3	20.63	0.116	21.06	0.128	20.73	0.118
1.4	16QAM	1	5	20.75	0.119	20.76	0.119	20.75	0.119
1.4	16QAM	3	0	20.59	0.115	20.62	0.115	20.63	0.116
1.4	16QAM	3	1	20.75	0.119	20.83	0.121	20.67	0.117
1.4	16QAM	3	3	20.58	0.114	20.72	0.118	20.72	0.118
1.4	16QAM	6	0	20.51	0.112	20.71	0.118	20.61	0.115
1.4	64QAM	1	0	20.36	0.109	20.51	0.112	20.35	0.108
1.4	64QAM	1	3	20.48	0.112	20.41	0.110	20.46	0.111
1.4	64QAM	1	5	20.64	0.116	20.67	0.117	20.63	0.116
1.4	64QAM	3	0	20.54	0.113	20.55	0.114	20.38	0.109
1.4	64QAM	3	1	20.52	0.113	20.76	0.119	20.61	0.115
1.4	64QAM	3	3	20.54	0.113	20.38	0.109	20.54	0.113
1.4	64QAM	6	0	20.50	0.112	20.51	0.112	20.38	0.109



LTE Band 17				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23780		23790		23800	
Frequency (MHz)				709		710		711	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	21.91	0.155	21.94	0.156	21.91	0.155
10	QPSK	1	25	21.79	0.151	21.75	0.150	21.81	0.152
10	QPSK	1	49	21.72	0.149	21.75	0.150	21.70	0.148
10	QPSK	25	0	21.02	0.126	21.08	0.128	21.00	0.126
10	QPSK	25	12	20.87	0.122	20.81	0.121	20.95	0.124
10	QPSK	25	25	20.85	0.122	20.85	0.122	20.94	0.124
10	QPSK	50	0	20.98	0.125	20.85	0.122	20.86	0.122
10	16QAM	1	0	20.50	0.112	20.69	0.117	20.83	0.121
10	16QAM	1	25	20.71	0.118	21.00	0.126	20.84	0.121
10	16QAM	1	49	20.67	0.117	20.92	0.124	20.97	0.125
10	16QAM	25	0	20.61	0.115	20.85	0.122	20.84	0.121
10	16QAM	25	12	20.67	0.117	20.82	0.121	20.80	0.120
10	16QAM	25	25	20.50	0.112	20.76	0.119	20.81	0.121
10	16QAM	50	0	20.54	0.113	20.83	0.121	20.80	0.120
10	64QAM	1	0	20.51	0.112	20.84	0.121	20.52	0.113
10	64QAM	1	25	20.74	0.119	20.64	0.116	20.54	0.113
10	64QAM	1	49	20.48	0.112	20.51	0.112	20.51	0.112
10	64QAM	25	0	20.66	0.116	20.83	0.121	20.81	0.121
10	64QAM	25	12	20.79	0.120	20.87	0.122	21.04	0.127
10	64QAM	25	25	20.73	0.118	20.94	0.124	21.10	0.129
10	64QAM	50	0	20.80	0.120	21.03	0.127	21.04	0.127



LTE Band 17				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23755		23790		23825	
Frequency (MHz)				706.5		710		713.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	21.85	0.153	21.81	0.152	21.77	0.150
5	QPSK	1	12	21.84	0.153	21.80	0.151	21.79	0.151
5	QPSK	1	24	21.76	0.150	21.82	0.152	21.81	0.152
5	QPSK	12	0	20.92	0.124	21.10	0.129	21.26	0.134
5	QPSK	12	7	21.04	0.127	21.13	0.130	21.21	0.132
5	QPSK	12	13	20.87	0.122	21.15	0.130	21.21	0.132
5	QPSK	25	0	20.69	0.117	20.86	0.122	20.99	0.126
5	16QAM	1	0	21.17	0.131	21.22	0.132	20.94	0.124
5	16QAM	1	12	21.34	0.136	20.90	0.123	21.27	0.134
5	16QAM	1	24	21.18	0.131	21.23	0.133	21.39	0.138
5	16QAM	12	0	20.62	0.115	20.65	0.116	20.86	0.122
5	16QAM	12	7	20.62	0.115	20.69	0.117	20.81	0.121
5	16QAM	12	13	20.53	0.113	20.78	0.120	20.81	0.121
5	16QAM	25	0	20.63	0.116	20.75	0.119	20.79	0.120
5	64QAM	1	0	20.64	0.116	20.65	0.116	20.65	0.116
5	64QAM	1	12	20.68	0.117	20.65	0.116	20.73	0.118
5	64QAM	1	24	20.73	0.118	20.73	0.118	20.65	0.116
5	64QAM	12	0	20.79	0.120	20.84	0.121	21.08	0.128
5	64QAM	12	7	20.92	0.124	21.00	0.126	20.94	0.124
5	64QAM	12	13	20.77	0.119	20.95	0.124	20.97	0.125
5	64QAM	25	0	20.74	0.119	20.93	0.124	21.09	0.129



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	21.91	0.155	21.86	0.153	21.88	0.154
15	QPSK	1	37	21.82	0.152	21.75	0.150	21.88	0.154
15	QPSK	1	74	21.81	0.152	21.74	0.149	21.83	0.152
15	QPSK	36	0	21.27	0.134	21.23	0.133	21.15	0.130
15	QPSK	36	20	21.02	0.126	20.94	0.124	20.87	0.122
15	QPSK	36	39	20.89	0.123	20.78	0.120	20.95	0.124
15	QPSK	75	0	20.90	0.123	20.83	0.121	20.97	0.125
15	16QAM	1	0	21.03	0.127	20.92	0.124	21.31	0.135
15	16QAM	1	37	20.95	0.124	20.86	0.122	21.09	0.129
15	16QAM	1	74	20.88	0.122	20.85	0.122	20.89	0.123
15	16QAM	36	0	20.85	0.122	20.75	0.119	20.88	0.122
15	16QAM	36	20	20.74	0.119	20.70	0.117	20.89	0.123
15	16QAM	36	39	20.81	0.121	20.70	0.117	20.89	0.123
15	16QAM	75	0	20.91	0.123	20.80	0.120	20.91	0.123
15	64QAM	1	0	20.52	0.113	20.47	0.111	20.34	0.108
15	64QAM	1	37	20.34	0.108	20.23	0.105	20.44	0.111
15	64QAM	1	74	20.30	0.107	20.18	0.104	20.62	0.115
15	64QAM	36	0	20.51	0.112	20.43	0.110	20.50	0.112
15	64QAM	36	20	20.51	0.112	20.40	0.110	20.42	0.110
15	64QAM	36	39	20.57	0.114	20.48	0.112	20.33	0.108
15	64QAM	75	0	20.54	0.113	20.53	0.113	20.47	0.111



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	21.75	0.150	21.76	0.150	21.80	0.151
10	QPSK	1	25	21.62	0.145	21.65	0.146	21.74	0.149
10	QPSK	1	49	21.66	0.147	21.70	0.148	21.73	0.149
10	QPSK	25	0	20.83	0.121	20.76	0.119	20.88	0.122
10	QPSK	25	12	20.68	0.117	20.77	0.119	20.78	0.120
10	QPSK	25	25	20.78	0.120	20.81	0.121	20.85	0.122
10	QPSK	50	0	20.43	0.110	20.41	0.110	20.53	0.113
10	16QAM	1	0	20.55	0.114	20.63	0.116	20.64	0.116
10	16QAM	1	25	20.69	0.117	20.71	0.118	20.78	0.120
10	16QAM	1	49	20.51	0.112	20.52	0.113	20.55	0.114
10	16QAM	25	0	21.00	0.126	21.00	0.126	21.02	0.126
10	16QAM	25	12	20.76	0.119	20.75	0.119	20.84	0.121
10	16QAM	25	25	20.64	0.116	20.64	0.116	20.71	0.118
10	16QAM	50	0	21.09	0.129	21.09	0.129	21.17	0.131
10	64QAM	1	0	20.36	0.109	20.36	0.109	20.42	0.110
10	64QAM	1	25	20.33	0.108	20.38	0.109	20.44	0.111
10	64QAM	1	49	20.30	0.107	20.37	0.109	20.41	0.110
10	64QAM	25	0	20.46	0.111	20.38	0.109	20.49	0.112
10	64QAM	25	12	20.42	0.110	20.44	0.111	20.48	0.112
10	64QAM	25	25	20.28	0.107	20.23	0.105	20.31	0.107
10	64QAM	50	0	20.36	0.109	20.36	0.109	20.45	0.111



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	21.78	0.151	21.76	0.150	21.79	0.151
5	QPSK	1	12	21.72	0.149	21.69	0.148	21.79	0.151
5	QPSK	1	24	21.72	0.149	21.80	0.151	21.81	0.152
5	QPSK	12	0	20.85	0.122	20.75	0.119	20.86	0.122
5	QPSK	12	7	20.87	0.122	20.94	0.124	20.96	0.125
5	QPSK	12	13	20.73	0.118	20.83	0.121	20.85	0.122
5	QPSK	25	0	21.01	0.126	20.95	0.124	21.04	0.127
5	16QAM	1	0	20.79	0.120	20.89	0.123	20.90	0.123
5	16QAM	1	12	20.79	0.120	20.68	0.117	20.80	0.120
5	16QAM	1	24	20.97	0.125	20.92	0.124	21.03	0.127
5	16QAM	12	0	20.96	0.125	20.98	0.125	21.06	0.128
5	16QAM	12	7	20.77	0.119	20.72	0.118	20.82	0.121
5	16QAM	12	13	20.83	0.121	20.75	0.119	20.87	0.122
5	16QAM	25	0	20.84	0.121	20.86	0.122	20.89	0.123
5	64QAM	1	0	20.30	0.107	20.34	0.108	20.41	0.110
5	64QAM	1	12	20.37	0.109	20.32	0.108	20.42	0.110
5	64QAM	1	24	20.40	0.110	20.38	0.109	20.41	0.110
5	64QAM	12	0	20.28	0.107	20.28	0.107	20.32	0.108
5	64QAM	12	7	20.26	0.106	20.31	0.107	20.33	0.108
5	64QAM	12	13	20.19	0.104	20.24	0.106	20.25	0.106
5	64QAM	25	0	20.28	0.107	20.20	0.105	20.31	0.107



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	21.82	0.152	21.72	0.149	21.84	0.153
3	QPSK	1	8	21.70	0.148	21.65	0.146	21.73	0.149
3	QPSK	1	14	21.75	0.150	21.71	0.148	21.80	0.151
3	QPSK	8	0	20.96	0.125	21.00	0.126	21.08	0.128
3	QPSK	8	4	20.76	0.119	20.77	0.119	20.85	0.122
3	QPSK	8	7	21.00	0.126	20.99	0.126	21.06	0.128
3	QPSK	15	0	20.89	0.123	20.87	0.122	20.97	0.125
3	16QAM	1	0	21.08	0.128	21.03	0.127	21.13	0.130
3	16QAM	1	8	21.04	0.127	21.07	0.128	21.09	0.129
3	16QAM	1	14	20.90	0.123	20.94	0.124	21.00	0.126
3	16QAM	8	0	20.83	0.121	20.90	0.123	20.94	0.124
3	16QAM	8	4	20.78	0.120	20.87	0.122	20.89	0.123
3	16QAM	8	7	20.75	0.119	20.75	0.119	20.85	0.122
3	16QAM	15	0	20.93	0.124	20.88	0.122	20.98	0.125
3	64QAM	1	0	20.47	0.111	20.41	0.110	20.53	0.113
3	64QAM	1	8	20.35	0.108	20.40	0.110	20.44	0.111
3	64QAM	1	14	20.53	0.113	20.50	0.112	20.60	0.115
3	64QAM	8	0	20.28	0.107	20.28	0.107	20.38	0.109
3	64QAM	8	4	20.33	0.108	20.26	0.106	20.38	0.109
3	64QAM	8	7	20.26	0.106	20.36	0.109	20.37	0.109
3	64QAM	15	0	20.25	0.106	20.32	0.108	20.35	0.108



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	21.73	0.149	21.67	0.147	21.79	0.151
1.4	QPSK	1	3	21.60	0.145	21.67	0.147	21.71	0.148
1.4	QPSK	1	5	21.62	0.145	21.66	0.147	21.70	0.148
1.4	QPSK	3	0	21.70	0.148	21.63	0.146	21.72	0.149
1.4	QPSK	3	1	21.71	0.148	21.71	0.148	21.78	0.151
1.4	QPSK	3	3	21.42	0.139	21.40	0.138	21.51	0.142
1.4	QPSK	6	0	21.06	0.128	21.06	0.128	21.08	0.128
1.4	16QAM	1	0	20.89	0.123	20.89	0.123	20.95	0.124
1.4	16QAM	1	3	20.86	0.122	20.84	0.121	20.89	0.123
1.4	16QAM	1	5	20.92	0.124	20.95	0.124	20.99	0.126
1.4	16QAM	3	0	20.69	0.117	20.71	0.118	20.72	0.118
1.4	16QAM	3	1	20.61	0.115	20.55	0.114	20.63	0.116
1.4	16QAM	3	3	20.41	0.110	20.40	0.110	20.44	0.111
1.4	16QAM	6	0	20.95	0.124	20.91	0.123	21.02	0.126
1.4	64QAM	1	0	20.27	0.106	20.26	0.106	20.32	0.108
1.4	64QAM	1	3	20.28	0.107	20.34	0.108	20.36	0.109
1.4	64QAM	1	5	20.28	0.107	20.35	0.108	20.40	0.110
1.4	64QAM	3	0	20.69	0.117	20.65	0.116	20.70	0.117
1.4	64QAM	3	1	20.55	0.114	20.54	0.113	20.66	0.116
1.4	64QAM	3	3	20.53	0.113	20.53	0.113	20.61	0.115
1.4	64QAM	6	0	20.32	0.108	20.30	0.107	20.37	0.109



LTE Band 38				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				37850		38000		38150	
Frequency (MHz)				2580		2595		2610	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	24.73	0.297	24.75	0.299	24.68	0.294
20	QPSK	1	49	24.68	0.294	24.68	0.294	24.69	0.294
20	QPSK	1	99	24.69	0.294	24.64	0.291	24.74	0.298
20	QPSK	50	0	23.84	0.242	23.85	0.243	23.83	0.242
20	QPSK	50	24	23.69	0.234	23.62	0.230	23.59	0.229
20	QPSK	50	50	23.83	0.242	23.63	0.231	23.62	0.230
20	QPSK	100	0	23.62	0.230	23.69	0.234	23.63	0.231
20	16QAM	1	0	23.79	0.239	23.62	0.230	23.69	0.234
20	16QAM	1	49	23.67	0.233	23.62	0.230	23.57	0.228
20	16QAM	1	99	23.59	0.229	23.69	0.234	23.67	0.233
20	16QAM	50	0	23.69	0.234	23.62	0.230	23.92	0.247
20	16QAM	50	24	23.90	0.245	23.59	0.229	23.69	0.234
20	16QAM	50	50	23.96	0.249	24.05	0.254	23.66	0.232
20	16QAM	100	0	23.89	0.245	24.04	0.254	23.73	0.236
20	64QAM	1	0	22.64	0.184	22.84	0.192	22.67	0.185
20	64QAM	1	49	22.56	0.180	22.46	0.176	22.75	0.188
20	64QAM	1	99	22.51	0.178	22.42	0.175	22.51	0.178
20	64QAM	50	0	22.48	0.177	22.45	0.176	22.40	0.174
20	64QAM	50	24	22.64	0.184	22.52	0.179	22.49	0.177
20	64QAM	50	50	22.63	0.183	22.66	0.185	22.55	0.180
20	64QAM	100	0	22.73	0.187	22.69	0.186	22.37	0.173



LTE Band 38				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				37825		38000		38175	
Frequency (MHz)				2577.5		2595		2612.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	24.45	0.279	24.65	0.292	24.52	0.283
15	QPSK	1	37	24.63	0.290	24.69	0.294	24.52	0.283
15	QPSK	1	74	24.61	0.289	24.62	0.290	24.45	0.279
15	QPSK	36	0	23.79	0.239	23.64	0.231	23.84	0.242
15	QPSK	36	20	23.84	0.242	23.60	0.229	23.80	0.240
15	QPSK	36	39	23.87	0.244	23.59	0.229	23.83	0.242
15	QPSK	75	0	23.89	0.245	23.62	0.230	23.86	0.243
15	16QAM	1	0	23.70	0.234	23.99	0.251	23.64	0.231
15	16QAM	1	37	23.87	0.244	23.56	0.227	23.70	0.234
15	16QAM	1	74	23.79	0.239	23.63	0.231	23.54	0.226
15	16QAM	36	0	23.86	0.243	23.53	0.225	23.73	0.236
15	16QAM	36	20	23.80	0.240	23.49	0.223	23.69	0.234
15	16QAM	36	39	23.93	0.247	24.03	0.253	23.73	0.236
15	16QAM	75	0	23.94	0.248	23.51	0.224	23.73	0.236
15	64QAM	1	0	22.45	0.176	22.69	0.186	22.33	0.171
15	64QAM	1	37	22.59	0.182	22.83	0.192	22.46	0.176
15	64QAM	1	74	22.52	0.179	22.62	0.183	22.80	0.191
15	64QAM	36	0	22.58	0.181	22.40	0.174	22.54	0.179
15	64QAM	36	20	22.69	0.186	22.84	0.192	22.47	0.177
15	64QAM	36	39	22.68	0.185	22.81	0.191	22.53	0.179
15	64QAM	75	0	22.69	0.186	22.81	0.191	22.57	0.181



LTE Band 38				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				37800		38000		38200	
Frequency (MHz)				2575		2595		2615	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	24.54	0.284	24.62	0.290	24.50	0.282
10	QPSK	1	25	24.59	0.288	24.49	0.281	24.45	0.279
10	QPSK	1	49	24.46	0.279	24.69	0.294	24.69	0.294
10	QPSK	25	0	23.84	0.242	23.72	0.236	23.68	0.233
10	QPSK	25	12	23.83	0.242	23.61	0.230	23.68	0.233
10	QPSK	25	25	23.92	0.247	23.56	0.227	23.72	0.236
10	QPSK	50	0	23.96	0.249	23.64	0.231	23.70	0.234
10	16QAM	1	0	23.31	0.214	23.46	0.222	23.71	0.235
10	16QAM	1	25	23.40	0.219	23.61	0.230	23.54	0.226
10	16QAM	1	49	23.36	0.217	23.53	0.225	23.67	0.233
10	16QAM	25	0	23.39	0.218	23.67	0.233	23.85	0.243
10	16QAM	25	12	23.36	0.217	23.53	0.225	23.79	0.239
10	16QAM	25	25	23.43	0.220	23.65	0.232	23.92	0.247
10	16QAM	50	0	23.39	0.218	23.63	0.231	23.81	0.240
10	64QAM	1	0	22.74	0.188	22.34	0.171	22.68	0.185
10	64QAM	1	25	22.86	0.193	22.51	0.178	22.73	0.187
10	64QAM	1	49	22.75	0.188	22.38	0.173	22.64	0.184
10	64QAM	25	0	22.89	0.195	22.59	0.182	22.77	0.189
10	64QAM	25	12	22.86	0.193	22.48	0.177	22.77	0.189
10	64QAM	25	25	22.90	0.195	22.57	0.181	22.74	0.188
10	64QAM	50	0	22.87	0.194	22.62	0.183	22.83	0.192



LTE Band 38				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				37775		38000		38225	
Frequency (MHz)				2572.5		2595		2617.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	24.39	0.275	24.62	0.290	24.59	0.288
5	QPSK	1	12	24.54	0.284	24.49	0.281	24.62	0.290
5	QPSK	1	24	24.45	0.279	24.59	0.288	24.32	0.270
5	QPSK	12	0	23.77	0.238	23.81	0.240	23.90	0.245
5	QPSK	12	7	23.90	0.245	23.66	0.232	23.96	0.249
5	QPSK	12	13	23.90	0.245	23.88	0.244	24.02	0.252
5	QPSK	25	0	23.91	0.246	23.89	0.245	24.04	0.254
5	16QAM	1	0	23.74	0.237	23.90	0.245	23.59	0.229
5	16QAM	1	12	23.91	0.246	24.07	0.255	23.75	0.237
5	16QAM	1	24	23.77	0.238	23.88	0.244	23.60	0.229
5	16QAM	12	0	23.54	0.226	23.54	0.226	23.72	0.236
5	16QAM	12	7	23.49	0.223	23.64	0.231	23.83	0.242
5	16QAM	12	13	23.62	0.230	23.54	0.226	23.76	0.238
5	16QAM	25	0	23.60	0.229	23.20	0.209	23.30	0.214
5	64QAM	1	0	22.61	0.182	22.66	0.185	22.41	0.174
5	64QAM	1	12	22.82	0.191	22.79	0.190	22.50	0.178
5	64QAM	1	24	22.67	0.185	22.72	0.187	22.36	0.172
5	64QAM	12	0	22.85	0.193	22.32	0.171	22.44	0.175
5	64QAM	12	7	22.53	0.179	22.60	0.182	22.82	0.191
5	64QAM	12	13	22.52	0.179	22.39	0.173	22.70	0.186
5	64QAM	25	0	22.52	0.179	22.45	0.176	22.79	0.190



LTE Band 40, Block A				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				/		38750		/	
Frequency (MHz)				/		2310		/	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	/	/	23.93	0.247	/	/
10	QPSK	1	25	/	/	23.85	0.243	/	/
10	QPSK	1	49	/	/	23.90	0.245	/	/
10	QPSK	25	0	/	/	23.02	0.200	/	/
10	QPSK	25	12	/	/	22.83	0.192	/	/
10	QPSK	25	25	/	/	22.77	0.189	/	/
10	QPSK	50	0	/	/	22.80	0.191	/	/
10	16QAM	1	0	/	/	22.92	0.196	/	/
10	16QAM	1	25	/	/	22.84	0.192	/	/
10	16QAM	1	49	/	/	23.14	0.206	/	/
10	16QAM	25	0	/	/	22.95	0.197	/	/
10	16QAM	25	12	/	/	22.90	0.195	/	/
10	16QAM	25	25	/	/	23.03	0.201	/	/
10	16QAM	50	0	/	/	22.80	0.191	/	/
10	64QAM	1	0	/	/	23.10	0.204	/	/
10	64QAM	1	25	/	/	22.92	0.196	/	/
10	64QAM	1	49	/	/	22.89	0.195	/	/
10	64QAM	25	0	/	/	22.82	0.191	/	/
10	64QAM	25	12	/	/	22.75	0.188	/	/
10	64QAM	25	25	/	/	22.81	0.191	/	/
10	64QAM	50	0	/	/	22.88	0.194	/	/



LTE Band 40, Block A				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				38725		38750		38775	
Frequency (MHz)				2307.5		2310		2312.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	23.82	0.241	23.85	0.243	23.83	0.242
5	QPSK	1	12	23.82	0.241	23.84	0.242	23.80	0.240
5	QPSK	1	24	23.81	0.240	23.79	0.239	23.72	0.236
5	QPSK	12	0	22.73	0.187	22.81	0.191	22.90	0.195
5	QPSK	12	7	22.80	0.191	22.79	0.190	22.88	0.194
5	QPSK	12	13	22.72	0.187	22.88	0.194	22.86	0.193
5	QPSK	25	0	22.79	0.190	22.76	0.189	22.86	0.193
5	16QAM	1	0	22.44	0.175	22.80	0.191	22.59	0.182
5	16QAM	1	12	22.50	0.178	22.65	0.184	22.53	0.179
5	16QAM	1	24	22.60	0.182	22.42	0.175	22.43	0.175
5	16QAM	12	0	23.03	0.201	23.00	0.200	22.93	0.196
5	16QAM	12	7	23.04	0.201	22.93	0.196	23.05	0.202
5	16QAM	12	13	23.01	0.200	23.00	0.200	23.04	0.201
5	16QAM	25	0	22.80	0.191	22.84	0.192	22.86	0.193
5	64QAM	1	0	23.06	0.202	23.04	0.201	22.96	0.198
5	64QAM	1	12	23.02	0.200	22.92	0.196	23.05	0.202
5	64QAM	1	24	23.03	0.201	23.02	0.200	23.02	0.200
5	64QAM	12	0	22.85	0.193	22.91	0.195	22.98	0.199
5	64QAM	12	7	23.02	0.200	22.81	0.191	22.91	0.195
5	64QAM	12	13	22.81	0.191	22.92	0.196	22.82	0.191
5	64QAM	25	0	22.72	0.187	22.83	0.192	22.83	0.192



LTE Band 40, Block B				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				/		39200		/	
Frequency (MHz)				/		2355		/	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	/	/	23.90	0.245	/	/
10	QPSK	1	25	/	/	23.73	0.236	/	/
10	QPSK	1	49	/	/	23.71	0.235	/	/
10	QPSK	25	0	/	/	23.09	0.204	/	/
10	QPSK	25	12	/	/	22.90	0.195	/	/
10	QPSK	25	25	/	/	23.07	0.203	/	/
10	QPSK	50	0	/	/	23.04	0.201	/	/
10	16QAM	1	0	/	/	22.71	0.187	/	/
10	16QAM	1	25	/	/	22.86	0.193	/	/
10	16QAM	1	49	/	/	23.05	0.202	/	/
10	16QAM	25	0	/	/	22.91	0.195	/	/
10	16QAM	25	12	/	/	22.97	0.198	/	/
10	16QAM	25	25	/	/	22.99	0.199	/	/
10	16QAM	50	0	/	/	22.96	0.198	/	/
10	64QAM	1	0	/	/	22.85	0.193	/	/
10	64QAM	1	25	/	/	23.23	0.210	/	/
10	64QAM	1	49	/	/	22.87	0.194	/	/
10	64QAM	25	0	/	/	22.64	0.184	/	/
10	64QAM	25	12	/	/	22.78	0.190	/	/
10	64QAM	25	25	/	/	22.77	0.189	/	/
10	64QAM	50	0	/	/	22.65	0.184	/	/



LTE Band 40, Block B				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39175		39200		39225	
Frequency (MHz)				2352.5		2355		2357.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	23.49	0.223	23.82	0.241	23.60	0.229
5	QPSK	1	12	23.65	0.232	23.81	0.240	23.65	0.232
5	QPSK	1	24	23.61	0.230	23.80	0.240	23.66	0.232
5	QPSK	12	0	22.93	0.196	23.00	0.200	22.99	0.199
5	QPSK	12	7	23.04	0.201	23.06	0.202	23.03	0.201
5	QPSK	12	13	22.99	0.199	23.02	0.200	22.99	0.199
5	QPSK	25	0	23.16	0.207	23.28	0.213	23.24	0.211
5	16QAM	1	0	23.17	0.207	23.19	0.208	23.21	0.209
5	16QAM	1	12	23.34	0.216	23.29	0.213	23.30	0.214
5	16QAM	1	24	23.30	0.214	23.28	0.213	23.24	0.211
5	16QAM	12	0	23.04	0.201	23.01	0.200	23.04	0.201
5	16QAM	12	7	23.18	0.208	23.23	0.210	23.07	0.203
5	16QAM	12	13	23.13	0.206	23.10	0.204	23.15	0.207
5	16QAM	25	0	23.14	0.206	23.10	0.204	23.12	0.205
5	64QAM	1	0	22.92	0.196	22.93	0.196	22.98	0.199
5	64QAM	1	12	23.37	0.217	23.07	0.203	23.00	0.200
5	64QAM	1	24	23.35	0.216	23.04	0.201	23.09	0.204
5	64QAM	12	0	22.89	0.195	22.91	0.195	22.86	0.193
5	64QAM	12	7	22.99	0.199	22.87	0.194	22.93	0.196
5	64QAM	12	13	22.86	0.193	22.96	0.198	23.01	0.200
5	64QAM	25	0	23.01	0.200	22.97	0.198	22.94	0.197



LTE Band 41				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				40090		40640		41190	
Frequency (MHz)				2540		2595		2650	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	24.12	0.258	24.24	0.265	24.18	0.262
20	QPSK	1	49	24.08	0.256	24.17	0.261	24.18	0.262
20	QPSK	1	99	24.02	0.252	24.13	0.259	23.98	0.250
20	QPSK	50	0	23.08	0.203	23.34	0.216	23.27	0.212
20	QPSK	50	24	23.08	0.203	23.11	0.205	23.08	0.203
20	QPSK	50	50	23.11	0.205	23.12	0.205	23.18	0.208
20	QPSK	100	0	23.08	0.203	23.18	0.208	23.08	0.203
20	16QAM	1	0	23.12	0.205	23.11	0.205	23.08	0.203
20	16QAM	1	49	23.11	0.205	23.11	0.205	23.08	0.203
20	16QAM	1	99	23.18	0.208	23.18	0.208	23.18	0.208
20	16QAM	50	0	23.09	0.204	23.11	0.205	23.08	0.203
20	16QAM	50	24	23.07	0.203	23.08	0.203	23.08	0.203
20	16QAM	50	50	23.13	0.206	23.54	0.226	23.18	0.208
20	16QAM	100	0	23.07	0.203	23.53	0.225	23.11	0.205
20	64QAM	1	0	23.22	0.210	23.33	0.215	23.12	0.205
20	64QAM	1	49	23.15	0.207	23.15	0.207	23.12	0.205
20	64QAM	1	99	23.25	0.211	23.11	0.205	23.08	0.203
20	64QAM	50	0	23.21	0.209	23.14	0.206	23.18	0.208
20	64QAM	50	24	23.06	0.202	23.21	0.209	23.11	0.205
20	64QAM	50	50	23.16	0.207	23.35	0.216	23.17	0.207
20	64QAM	100	0	23.14	0.206	23.38	0.218	23.18	0.208



LTE Band 41				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				40065		40640		41215	
Frequency (MHz)				2537.5		2595		2652.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	23.78	0.239	24.14	0.259	24.00	0.251
15	QPSK	1	37	23.77	0.238	24.18	0.262	24.11	0.258
15	QPSK	1	74	23.77	0.238	24.11	0.258	23.91	0.246
15	QPSK	36	0	23.16	0.207	23.13	0.206	23.94	0.248
15	QPSK	36	20	23.21	0.209	23.09	0.204	24.01	0.252
15	QPSK	36	39	23.37	0.217	23.08	0.203	23.96	0.249
15	QPSK	75	0	23.15	0.207	23.11	0.205	23.93	0.247
15	16QAM	1	0	23.09	0.204	23.48	0.223	23.15	0.207
15	16QAM	1	37	23.30	0.214	23.05	0.202	23.24	0.211
15	16QAM	1	74	23.26	0.212	22.62	0.183	23.17	0.207
15	16QAM	36	0	23.13	0.206	23.02	0.200	23.62	0.230
15	16QAM	36	20	23.18	0.208	22.98	0.199	23.64	0.231
15	16QAM	36	39	23.25	0.211	23.52	0.225	23.40	0.219
15	16QAM	75	0	23.16	0.207	23.00	0.200	23.00	0.200
15	64QAM	1	0	23.46	0.222	23.38	0.218	23.74	0.237
15	64QAM	1	37	23.74	0.237	23.52	0.225	22.86	0.193
15	64QAM	1	74	23.71	0.235	23.31	0.214	22.59	0.182
15	64QAM	36	0	23.15	0.207	23.09	0.204	23.23	0.210
15	64QAM	36	20	23.30	0.214	23.53	0.225	23.12	0.205
15	64QAM	36	39	23.25	0.211	23.50	0.224	23.04	0.201
15	64QAM	75	0	23.23	0.210	23.50	0.224	23.12	0.205



LTE Band 41				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				40090		40640		41190	
Frequency (MHz)				2540		2595		2650	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	23.82	0.241	24.11	0.258	23.98	0.250
10	QPSK	1	25	24.02	0.252	23.98	0.250	23.93	0.247
10	QPSK	1	49	23.79	0.239	24.18	0.262	23.94	0.248
10	QPSK	25	0	23.12	0.205	23.43	0.220	23.40	0.219
10	QPSK	25	12	23.20	0.209	23.32	0.215	23.40	0.219
10	QPSK	25	25	23.24	0.211	23.27	0.212	23.76	0.238
10	QPSK	50	0	23.29	0.213	23.35	0.216	23.00	0.200
10	16QAM	1	0	23.15	0.207	23.17	0.207	23.20	0.209
10	16QAM	1	25	23.33	0.215	23.32	0.215	23.24	0.211
10	16QAM	1	49	23.19	0.208	23.24	0.211	23.39	0.218
10	16QAM	25	0	23.19	0.208	23.38	0.218	23.05	0.202
10	16QAM	25	12	23.32	0.215	23.24	0.211	22.81	0.191
10	16QAM	25	25	23.29	0.213	23.36	0.217	23.32	0.215
10	16QAM	50	0	23.27	0.212	23.34	0.216	23.08	0.203
10	64QAM	1	0	23.09	0.204	23.05	0.202	23.45	0.221
10	64QAM	1	25	23.12	0.205	23.22	0.210	23.40	0.219
10	64QAM	1	49	23.10	0.204	23.09	0.204	23.21	0.209
10	64QAM	25	0	23.17	0.207	23.30	0.214	23.37	0.217
10	64QAM	25	12	23.20	0.209	23.19	0.208	23.12	0.205
10	64QAM	25	25	23.29	0.213	23.28	0.213	23.35	0.216
10	64QAM	50	0	23.25	0.211	23.33	0.215	23.41	0.219



LTE Band 41				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				40065		40640		41215	
Frequency (MHz)				2537.5		2595		2652.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	23.79	0.239	24.11	0.258	23.89	0.245
5	QPSK	1	12	23.78	0.239	23.98	0.250	23.93	0.247
5	QPSK	1	24	23.91	0.246	24.08	0.256	23.94	0.248
5	QPSK	12	0	23.14	0.206	23.52	0.225	23.12	0.205
5	QPSK	12	7	23.22	0.210	23.37	0.217	23.34	0.216
5	QPSK	12	13	23.16	0.207	23.59	0.229	23.40	0.219
5	QPSK	25	0	23.19	0.208	23.60	0.229	23.33	0.215
5	16QAM	1	0	23.63	0.231	23.61	0.230	23.24	0.211
5	16QAM	1	12	23.24	0.211	23.78	0.239	23.14	0.206
5	16QAM	1	24	23.10	0.204	23.59	0.229	23.40	0.219
5	16QAM	12	0	23.08	0.203	23.25	0.211	23.20	0.209
5	16QAM	12	7	23.20	0.209	23.35	0.216	23.33	0.215
5	16QAM	12	13	23.26	0.212	23.25	0.211	23.12	0.205
5	16QAM	25	0	23.18	0.208	23.33	0.215	23.10	0.204
5	64QAM	1	0	23.45	0.221	23.57	0.228	23.15	0.207
5	64QAM	1	12	23.65	0.232	23.70	0.234	23.11	0.205
5	64QAM	1	24	23.50	0.224	23.63	0.231	23.44	0.221
5	64QAM	12	0	23.45	0.221	23.23	0.210	23.31	0.214
5	64QAM	12	7	23.46	0.222	23.31	0.214	23.39	0.218
5	64QAM	12	13	23.44	0.221	23.10	0.204	23.30	0.214
5	64QAM	25	0	23.18	0.208	23.16	0.207	23.12	0.205



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	24.11	0.258	24.17	0.261	24.15	0.260
20	QPSK	1	49	23.96	0.249	23.95	0.248	23.91	0.246
20	QPSK	1	99	23.89	0.245	23.88	0.244	23.91	0.246
20	QPSK	50	0	23.34	0.216	23.41	0.219	23.37	0.217
20	QPSK	50	24	23.15	0.207	23.17	0.207	23.30	0.214
20	QPSK	50	50	23.19	0.208	23.27	0.212	23.15	0.207
20	QPSK	100	0	23.17	0.207	23.17	0.207	23.09	0.204
20	16QAM	1	0	23.22	0.210	22.98	0.199	23.26	0.212
20	16QAM	1	49	23.27	0.212	23.01	0.200	23.07	0.203
20	16QAM	1	99	23.27	0.212	23.45	0.221	23.24	0.211
20	16QAM	50	0	23.39	0.218	23.36	0.217	23.33	0.215
20	16QAM	50	24	23.28	0.213	23.28	0.213	23.29	0.213
20	16QAM	50	50	23.25	0.211	23.17	0.207	23.13	0.206
20	16QAM	100	0	23.21	0.209	23.24	0.211	23.30	0.214
20	64QAM	1	0	23.37	0.217	23.14	0.206	23.47	0.222
20	64QAM	1	49	23.14	0.206	23.47	0.222	23.46	0.222
20	64QAM	1	99	23.37	0.217	23.49	0.223	23.57	0.228
20	64QAM	50	0	23.33	0.215	23.23	0.210	23.36	0.217
20	64QAM	50	24	23.27	0.212	23.21	0.209	23.33	0.215
20	64QAM	50	50	23.29	0.213	23.17	0.207	23.23	0.210
20	64QAM	100	0	23.28	0.213	23.28	0.213	23.26	0.212



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	23.97	0.249	24.01	0.252	23.99	0.251
15	QPSK	1	37	24.11	0.258	23.97	0.249	23.95	0.248
15	QPSK	1	74	23.95	0.248	23.91	0.246	23.89	0.245
15	QPSK	36	0	23.16	0.207	23.13	0.206	23.17	0.207
15	QPSK	36	20	23.16	0.207	23.08	0.203	23.18	0.208
15	QPSK	36	39	23.02	0.200	23.07	0.203	23.04	0.201
15	QPSK	75	0	23.11	0.205	23.15	0.207	23.08	0.203
15	16QAM	1	0	23.10	0.204	22.97	0.198	23.27	0.212
15	16QAM	1	37	22.97	0.198	23.27	0.212	23.20	0.209
15	16QAM	1	74	23.07	0.203	22.97	0.198	22.97	0.198
15	16QAM	36	0	23.28	0.213	23.28	0.213	23.19	0.208
15	16QAM	36	20	23.31	0.214	23.30	0.214	23.36	0.217
15	16QAM	36	39	23.23	0.210	23.38	0.218	23.32	0.215
15	16QAM	75	0	23.33	0.215	23.31	0.214	23.27	0.212
15	64QAM	1	0	23.47	0.222	23.37	0.217	23.47	0.222
15	64QAM	1	37	23.49	0.223	23.27	0.212	23.37	0.217
15	64QAM	1	74	23.14	0.206	23.40	0.219	23.47	0.222
15	64QAM	36	0	23.26	0.212	23.25	0.211	23.38	0.218
15	64QAM	36	20	23.36	0.217	23.32	0.215	23.33	0.215
15	64QAM	36	39	23.25	0.211	23.19	0.208	23.23	0.210
15	64QAM	75	0	23.27	0.212	23.29	0.213	23.26	0.212



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	23.95	0.248	23.95	0.248	23.96	0.249
10	QPSK	1	25	23.85	0.243	23.83	0.242	23.91	0.246
10	QPSK	1	49	23.99	0.251	23.87	0.244	23.77	0.238
10	QPSK	25	0	23.42	0.220	23.35	0.216	23.42	0.220
10	QPSK	25	12	23.39	0.218	23.58	0.228	23.36	0.217
10	QPSK	25	25	23.40	0.219	23.36	0.217	23.28	0.213
10	QPSK	50	0	23.48	0.223	23.33	0.215	23.52	0.225
10	16QAM	1	0	23.40	0.219	23.40	0.219	23.60	0.229
10	16QAM	1	25	23.40	0.219	23.49	0.223	23.61	0.230
10	16QAM	1	49	23.23	0.210	23.43	0.220	23.31	0.214
10	16QAM	25	0	23.24	0.211	23.41	0.219	23.29	0.213
10	16QAM	25	12	23.23	0.210	23.43	0.220	23.34	0.216
10	16QAM	25	25	23.14	0.206	23.19	0.208	23.19	0.208
10	16QAM	50	0	23.30	0.214	23.34	0.216	23.35	0.216
10	64QAM	1	0	23.30	0.214	23.30	0.214	22.97	0.198
10	64QAM	1	25	22.97	0.198	23.10	0.204	23.00	0.200
10	64QAM	1	49	22.97	0.198	22.97	0.198	22.97	0.198
10	64QAM	25	0	23.30	0.214	23.28	0.213	23.30	0.214
10	64QAM	25	12	23.29	0.213	23.33	0.215	23.37	0.217
10	64QAM	25	25	23.29	0.213	23.22	0.210	23.24	0.211
10	64QAM	50	0	23.19	0.208	23.29	0.213	23.30	0.214



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	23.84	0.242	23.87	0.244	23.92	0.247
5	QPSK	1	12	23.87	0.244	23.87	0.244	23.86	0.243
5	QPSK	1	24	23.95	0.248	23.85	0.243	23.91	0.246
5	QPSK	12	0	23.11	0.205	23.13	0.206	23.09	0.204
5	QPSK	12	7	23.13	0.206	23.21	0.209	23.14	0.206
5	QPSK	12	13	23.04	0.201	23.10	0.204	23.11	0.205
5	QPSK	25	0	23.14	0.206	23.15	0.207	23.14	0.206
5	16QAM	1	0	23.63	0.231	23.32	0.215	23.33	0.215
5	16QAM	1	12	23.26	0.212	23.55	0.226	23.50	0.224
5	16QAM	1	24	23.38	0.218	23.27	0.212	23.62	0.230
5	16QAM	12	0	23.27	0.212	23.38	0.218	23.34	0.216
5	16QAM	12	7	23.44	0.221	23.36	0.217	23.48	0.223
5	16QAM	12	13	23.35	0.216	23.29	0.213	23.36	0.217
5	16QAM	25	0	23.36	0.217	23.38	0.218	23.30	0.214
5	64QAM	1	0	22.97	0.198	23.37	0.217	23.17	0.207
5	64QAM	1	12	23.27	0.212	23.27	0.212	23.27	0.212
5	64QAM	1	24	23.10	0.204	23.14	0.206	23.10	0.204
5	64QAM	12	0	23.34	0.216	23.09	0.204	23.30	0.214
5	64QAM	12	7	23.42	0.220	23.01	0.200	23.32	0.215
5	64QAM	12	13	23.25	0.211	23.37	0.217	23.32	0.215
5	64QAM	25	0	23.32	0.215	23.40	0.219	23.27	0.212



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	23.91	0.246	23.82	0.241	23.81	0.240
3	QPSK	1	8	23.78	0.239	23.79	0.239	23.87	0.244
3	QPSK	1	14	23.69	0.234	23.50	0.224	23.80	0.240
3	QPSK	8	0	23.37	0.217	23.34	0.216	23.38	0.218
3	QPSK	8	4	23.37	0.217	23.29	0.213	23.39	0.218
3	QPSK	8	7	23.23	0.210	23.28	0.213	23.25	0.211
3	QPSK	15	0	23.32	0.215	23.36	0.217	23.29	0.213
3	16QAM	1	0	23.01	0.200	23.42	0.220	23.18	0.208
3	16QAM	1	8	23.34	0.216	23.28	0.213	23.27	0.212
3	16QAM	1	14	23.38	0.218	23.27	0.212	22.97	0.198
3	16QAM	8	0	23.19	0.208	23.19	0.208	23.10	0.204
3	16QAM	8	4	23.22	0.210	23.21	0.209	23.27	0.212
3	16QAM	8	7	23.14	0.206	23.29	0.213	23.23	0.210
3	16QAM	15	0	23.24	0.211	23.22	0.210	23.18	0.208
3	64QAM	1	0	23.38	0.218	23.28	0.213	23.38	0.218
3	64QAM	1	8	23.40	0.219	23.18	0.208	23.28	0.213
3	64QAM	1	14	23.05	0.202	23.31	0.214	23.38	0.218
3	64QAM	8	0	23.17	0.207	23.16	0.207	23.29	0.213
3	64QAM	8	4	23.27	0.212	23.23	0.210	23.24	0.211
3	64QAM	8	7	23.16	0.207	23.10	0.204	23.14	0.206
3	64QAM	15	0	23.18	0.208	23.20	0.209	23.17	0.207



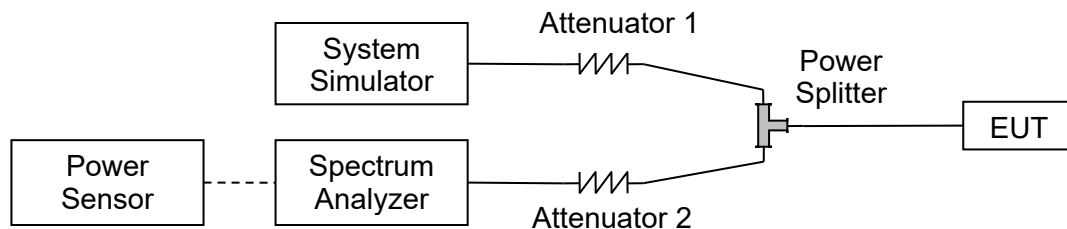
LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				131979		132322		132665	
Frequency (MHz)				1710.7		1745		1779.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	23.85	0.243	23.76	0.238	23.77	0.238
1.4	QPSK	1	3	23.91	0.246	23.93	0.247	23.93	0.247
1.4	QPSK	1	5	23.83	0.242	23.71	0.235	23.87	0.244
1.4	QPSK	3	0	23.82	0.241	23.75	0.237	23.82	0.241
1.4	QPSK	3	1	23.79	0.239	23.85	0.243	23.76	0.238
1.4	QPSK	3	3	23.80	0.240	23.76	0.238	23.68	0.233
1.4	QPSK	6	0	23.40	0.219	23.25	0.211	23.44	0.221
1.4	16QAM	1	0	23.32	0.215	23.32	0.215	23.52	0.225
1.4	16QAM	1	3	23.32	0.215	23.41	0.219	23.53	0.225
1.4	16QAM	1	5	23.15	0.207	23.35	0.216	23.23	0.210
1.4	16QAM	3	0	23.10	0.204	23.07	0.203	23.33	0.215
1.4	16QAM	3	1	23.19	0.208	23.09	0.204	23.21	0.209
1.4	16QAM	3	3	23.20	0.209	23.21	0.209	23.15	0.207
1.4	16QAM	6	0	23.09	0.204	23.00	0.200	23.01	0.200
1.4	64QAM	1	0	23.43	0.220	23.28	0.213	23.44	0.221
1.4	64QAM	1	3	23.16	0.207	23.25	0.211	23.25	0.211
1.4	64QAM	1	5	23.13	0.206	23.13	0.206	23.24	0.211
1.4	64QAM	3	0	23.22	0.210	23.20	0.209	23.22	0.210
1.4	64QAM	3	1	23.21	0.209	23.25	0.211	23.29	0.213
1.4	64QAM	3	3	23.21	0.209	23.14	0.206	23.16	0.207
1.4	64QAM	6	0	23.11	0.205	23.21	0.209	23.22	0.210

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	1.10	1.24
	Low	16QAM	1.10	1.25
	Low	64QAM	1.10	1.26
	Mid	QPSK	1.10	1.25
	Mid	16QAM	1.10	1.24
	Mid	64QAM	1.10	1.26
	High	QPSK	1.10	1.25
	High	16QAM	1.10	1.25
	High	64QAM	1.10	1.26
3	Low	QPSK	2.71	3.04
	Low	16QAM	2.71	3.05
	Low	64QAM	2.71	3.05
	Mid	QPSK	2.72	3.06
	Mid	16QAM	2.71	3.06
	Mid	64QAM	2.71	3.04
	High	QPSK	2.71	3.06
	High	16QAM	2.72	3.03
	High	64QAM	2.71	3.02
5	Low	QPSK	4.50	4.98
	Low	16QAM	4.50	4.98
	Low	64QAM	4.50	4.99
	Mid	QPSK	4.50	4.97
	Mid	16QAM	4.50	5.0
	Mid	64QAM	4.49	4.96
	High	QPSK	4.49	4.97
	High	16QAM	4.51	5.01
	High	64QAM	4.50	4.98
10	Low	QPSK	9.02	9.88
	Low	16QAM	8.99	9.88
	Low	64QAM	9.03	9.90
	Mid	QPSK	9.00	9.84
	Mid	16QAM	8.97	9.86
	Mid	64QAM	9.01	9.93
	High	QPSK	9.00	9.89
	High	16QAM	8.98	9.80
	High	64QAM	9.00	9.94



15	Low	QPSK	13.49	14.97
	Low	16QAM	13.51	14.91
	Low	64QAM	13.52	15.0
	Mid	QPSK	13.51	14.99
	Mid	16QAM	13.52	15.06
	Mid	64QAM	13.51	14.97
	High	QPSK	13.49	14.9
	High	16QAM	13.49	14.75
	High	64QAM	13.48	14.92
20	Low	QPSK	17.98	19.78
	Low	16QAM	17.96	19.74
	Low	64QAM	17.98	19.75
	Mid	QPSK	18.05	19.77
	Mid	16QAM	18.05	19.87
	Mid	64QAM	18.08	19.73
	High	QPSK	17.96	19.75
	High	16QAM	17.99	19.7
	High	64QAM	17.99	19.67



LTE Band 4				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.10	1.25
	Low	16QAM	1.10	1.25
	Low	64QAM	1.10	1.25
	Mid	QPSK	1.09	1.25
	Mid	16QAM	1.10	1.26
	Mid	64QAM	1.10	1.25
	High	QPSK	1.10	1.24
	High	16QAM	1.10	1.25
	High	64QAM	1.10	1.26
3	Low	QPSK	2.72	3.05
	Low	16QAM	2.71	3.07
	Low	64QAM	2.70	3.05
	Mid	QPSK	2.71	3.06
	Mid	16QAM	2.71	3.05
	Mid	64QAM	2.72	3.06
	High	QPSK	2.71	3.04
	High	16QAM	2.72	3.06
	High	64QAM	2.71	3.04
5	Low	QPSK	4.50	4.97
	Low	16QAM	4.49	4.96
	Low	64QAM	4.50	4.99
	Mid	QPSK	4.50	4.96
	Mid	16QAM	4.51	5.00
	Mid	64QAM	4.50	4.99
	High	QPSK	4.50	4.95
	High	16QAM	4.50	4.96
	High	64QAM	4.50	4.99
10	Low	QPSK	8.99	9.81
	Low	16QAM	8.99	9.79
	Low	64QAM	9.02	9.94
	Mid	QPSK	9.02	9.87
	Mid	16QAM	8.97	9.84
	Mid	64QAM	9.00	9.93
	High	QPSK	9.03	9.84
	High	16QAM	8.98	9.85
	High	64QAM	9.01	9.93



15	Low	QPSK	13.49	14.73
	Low	16QAM	13.50	15.00
	Low	64QAM	13.51	14.98
	Mid	QPSK	13.50	14.97
	Mid	16QAM	13.51	15.00
	Mid	64QAM	13.49	14.98
	High	QPSK	13.51	14.97
	High	16QAM	13.52	14.91
	High	64QAM	13.50	14.92
20	Low	QPSK	17.98	19.83
	Low	16QAM	18.03	19.83
	Low	64QAM	17.99	19.89
	Mid	QPSK	17.97	19.75
	Mid	16QAM	18.02	19.91
	Mid	64QAM	18.00	19.79
	High	QPSK	18.00	19.77
	High	16QAM	18.03	19.85
	High	64QAM	17.98	19.79



LTE Band 5				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.09	1.25
	Low	16QAM	1.10	1.24
	Low	64QAM	1.10	1.25
	Mid	QPSK	1.10	1.25
	Mid	16QAM	1.10	1.26
	Mid	64QAM	1.10	1.25
	High	QPSK	1.09	1.24
	High	16QAM	1.10	1.25
	High	64QAM	1.11	1.25
3	Low	QPSK	2.71	3.07
	Low	16QAM	2.71	3.04
	Low	64QAM	2.71	3.04
	Mid	QPSK	2.71	3.04
	Mid	16QAM	2.72	3.03
	Mid	64QAM	2.72	3.02
	High	QPSK	2.71	3.05
	High	16QAM	2.71	3.03
	High	64QAM	2.71	3.04
5	Low	QPSK	4.50	4.98
	Low	16QAM	4.51	4.99
	Low	64QAM	4.51	4.91
	Mid	QPSK	4.50	4.98
	Mid	16QAM	4.51	4.97
	Mid	64QAM	4.51	4.98
	High	QPSK	4.49	4.98
	High	16QAM	4.49	4.99
	High	64QAM	4.51	4.94
10	Low	QPSK	9.02	9.91
	Low	16QAM	8.99	9.82
	Low	64QAM	9.01	9.96
	Mid	QPSK	9.02	9.88
	Mid	16QAM	8.97	9.80
	Mid	64QAM	9.02	9.97
	High	QPSK	9.00	9.91
	High	16QAM	8.97	9.85
	High	64QAM	9.02	9.90



LTE Band 7				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.50	4.97
	Low	16QAM	4.50	4.98
	Low	64QAM	4.50	4.98
	Mid	QPSK	4.49	4.96
	Mid	16QAM	4.51	4.97
	Mid	64QAM	4.50	4.95
	High	QPSK	4.50	4.98
	High	16QAM	4.50	5.00
	High	64QAM	4.51	4.97
10	Low	QPSK	9.02	9.89
	Low	16QAM	8.99	9.84
	Low	64QAM	9.01	9.96
	Mid	QPSK	9.02	9.91
	Mid	16QAM	8.99	9.84
	Mid	64QAM	9.00	9.87
	High	QPSK	9.00	9.93
	High	16QAM	8.98	9.86
	High	64QAM	9.00	9.86
15	Low	QPSK	13.51	14.89
	Low	16QAM	13.51	14.95
	Low	64QAM	13.50	14.97
	Mid	QPSK	13.50	14.90
	Mid	16QAM	13.51	15.04
	Mid	64QAM	13.50	14.98
	High	QPSK	13.48	14.83
	High	16QAM	13.49	14.97
	High	64QAM	13.48	14.92
20	Low	QPSK	18.02	19.73
	Low	16QAM	18.01	19.81
	Low	64QAM	18.01	19.73
	Mid	QPSK	18.02	19.79
	Mid	16QAM	18.03	19.72
	Mid	64QAM	18.04	19.70
	High	QPSK	17.97	19.69
	High	16QAM	17.98	19.74
	High	64QAM	17.97	19.58



LTE Band 12				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.09	1.24
	Low	16QAM	1.10	1.25
	Low	64QAM	1.10	1.24
	Mid	QPSK	1.10	1.25
	Mid	16QAM	1.10	1.26
	Mid	64QAM	1.10	1.25
	High	QPSK	1.10	1.24
	High	16QAM	1.10	1.25
	High	64QAM	1.10	1.24
3	Low	QPSK	2.72	3.05
	Low	16QAM	2.71	3.06
	Low	64QAM	2.71	3.04
	Mid	QPSK	2.72	3.05
	Mid	16QAM	2.71	3.04
	Mid	64QAM	2.71	3.05
	High	QPSK	2.71	3.05
	High	16QAM	2.71	3.04
	High	64QAM	2.72	3.03
5	Low	QPSK	4.50	4.98
	Low	16QAM	4.50	5.01
	Low	64QAM	4.49	4.85
	Mid	QPSK	4.50	4.96
	Mid	16QAM	4.50	4.98
	Mid	64QAM	4.51	4.98
	High	QPSK	4.50	4.95
	High	16QAM	4.50	4.99
	High	64QAM	4.51	5.00
10	Low	QPSK	9.03	9.88
	Low	16QAM	8.99	9.84
	Low	64QAM	9.02	9.97
	Mid	QPSK	9.00	9.88
	Mid	16QAM	8.98	9.81
	Mid	64QAM	9.00	9.90
	High	QPSK	9.01	9.86
	High	16QAM	8.96	9.87
	High	64QAM	9.00	9.93



LTE Band 17				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.50	4.99
	Low	16QAM	4.50	4.97
	Low	64QAM	4.50	4.97
	Mid	QPSK	4.49	4.96
	Mid	16QAM	4.49	4.97
	Mid	64QAM	4.50	4.97
	High	QPSK	4.50	4.98
	High	16QAM	4.51	4.95
	High	64QAM	4.51	4.97
10	Low	QPSK	8.99	9.90
	Low	16QAM	8.96	9.77
	Low	64QAM	8.97	9.83
	Mid	QPSK	8.98	9.83
	Mid	16QAM	8.95	9.81
	Mid	64QAM	8.98	9.88
	High	QPSK	8.99	9.83
	High	16QAM	8.94	9.86
	High	64QAM	9.00	9.94



LTE Band 26				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.09	1.24
	Low	16QAM	1.10	1.24
	Low	64QAM	1.11	1.25
	Mid	QPSK	1.10	1.25
	Mid	16QAM	1.10	1.25
	Mid	64QAM	1.10	1.26
	High	QPSK	1.10	1.24
	High	16QAM	1.10	1.25
	High	64QAM	1.11	1.26
3	Low	QPSK	2.71	3.04
	Low	16QAM	2.72	3.06
	Low	64QAM	2.71	3.04
	Mid	QPSK	2.71	3.04
	Mid	16QAM	2.72	3.05
	Mid	64QAM	2.71	3.04
	High	QPSK	2.72	3.07
	High	16QAM	2.71	3.06
	High	64QAM	2.71	3.05
5	Low	QPSK	4.49	4.96
	Low	16QAM	4.50	4.97
	Low	64QAM	4.50	4.96
	Mid	QPSK	4.50	4.98
	Mid	16QAM	4.50	4.98
	Mid	64QAM	4.50	4.96
	High	QPSK	4.51	4.97
	High	16QAM	4.50	5.00
	High	64QAM	4.50	4.99
10	Low	QPSK	9.03	9.97
	Low	16QAM	8.99	9.82
	Low	64QAM	9.03	9.96
	Mid	QPSK	9.0	9.91
	Mid	16QAM	8.97	9.82
	Mid	64QAM	9.03	9.90
	High	QPSK	9.02	9.87
	High	16QAM	8.97	9.85
	High	64QAM	9.02	9.90



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15	Low	QPSK	13.53	15.00
	Low	16QAM	13.52	14.96
	Low	64QAM	13.52	14.87
	Mid	QPSK	13.51	14.97
	Mid	16QAM	13.52	15.08
	Mid	64QAM	13.51	14.99
	High	QPSK	13.52	14.88
	High	16QAM	13.50	14.97
	High	64QAM	13.47	14.82



LTE Band 38				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.50	5.06
	Low	16QAM	4.50	5.02
	Low	64QAM	4.51	4.95
	Mid	QPSK	4.51	4.99
	Mid	16QAM	4.52	5.43
	Mid	64QAM	4.50	4.96
	High	QPSK	4.50	5.27
	High	16QAM	4.51	5.04
	High	64QAM	4.52	4.96
10	Low	QPSK	8.98	9.93
	Low	16QAM	8.97	9.8
	Low	64QAM	9.01	10.13
	Mid	QPSK	8.98	10.07
	Mid	16QAM	8.98	10.15
	Mid	64QAM	9.01	10.27
	High	QPSK	8.98	9.82
	High	16QAM	8.99	9.81
	High	64QAM	8.99	10.30
15	Low	QPSK	13.45	14.69
	Low	16QAM	13.50	14.83
	Low	64QAM	13.50	16.04
	Mid	QPSK	13.52	14.88
	Mid	16QAM	13.51	15.38
	Mid	64QAM	13.51	15.08
	High	QPSK	13.47	15.19
	High	16QAM	13.47	15.17
	High	64QAM	13.46	15.46
20	Low	QPSK	18.01	20.20
	Low	16QAM	17.99	19.79
	Low	64QAM	18.01	19.61
	Mid	QPSK	18.02	20.03
	Mid	16QAM	17.98	19.83
	Mid	64QAM	17.98	19.77
	High	QPSK	17.99	20.25
	High	16QAM	17.98	19.82
	High	64QAM	17.99	19.66



LTE Band 40, Block A				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.51	4.93
	Low	16QAM	4.51	5.03
	Low	64QAM	4.49	5.0
	Mid	QPSK	4.51	4.98
	Mid	16QAM	4.51	5.14
	Mid	64QAM	4.51	4.98
	High	QPSK	4.51	5.24
	High	16QAM	4.51	5.05
	High	64QAM	4.51	4.99
10	Mid	QPSK	8.98	9.92
	Mid	16QAM	8.97	10.02
	Mid	64QAM	8.99	10.38

LTE Band 40, Block B				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.52	5.3
	Low	16QAM	4.51	5.03
	Low	64QAM	4.51	4.99
	Mid	QPSK	4.51	5.26
	Mid	16QAM	4.51	5.11
	Mid	64QAM	4.51	4.94
	High	QPSK	4.51	5.26
	High	16QAM	4.51	5.17
	High	64QAM	4.52	4.98
10	Mid	QPSK	9.0	9.79
	Mid	16QAM	8.98	9.93
	Mid	64QAM	9.01	10.54



LTE Band 41				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.51	5.09
	Low	16QAM	4.50	5.06
	Low	64QAM	4.51	5.12
	Mid	QPSK	4.51	5.04
	Mid	16QAM	4.50	5.18
	Mid	64QAM	4.49	5.07
	High	QPSK	4.50	5.21
	High	16QAM	4.51	5.20
	High	64QAM	4.50	5.11
10	Low	QPSK	9.00	9.75
	Low	16QAM	8.98	9.79
	Low	64QAM	9.00	9.90
	Mid	QPSK	8.98	9.93
	Mid	16QAM	8.98	9.82
	Mid	64QAM	8.97	9.97
	High	QPSK	8.98	9.89
	High	16QAM	9.00	9.80
	High	64QAM	9.00	9.95
15	Low	QPSK	13.49	14.72
	Low	16QAM	13.51	14.70
	Low	64QAM	13.51	14.69
	Mid	QPSK	13.47	14.76
	Mid	16QAM	13.50	15.35
	Mid	64QAM	13.53	14.83
	High	QPSK	13.50	15.22
	High	16QAM	13.50	14.77
	High	64QAM	13.50	14.85
20	Low	QPSK	17.98	20.32
	Low	16QAM	17.99	20.35
	Low	64QAM	17.98	20.24
	Mid	QPSK	17.98	20.02
	Mid	16QAM	17.98	19.94
	Mid	64QAM	18.00	19.90
	High	QPSK	17.96	20.05
	High	16QAM	17.92	21.34
	High	64QAM	17.97	20.40



LTE Band 66				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.10	1.25
	Low	16QAM	1.09	1.24
	Low	64QAM	1.10	1.25
	Mid	QPSK	1.09	1.25
	Mid	16QAM	1.10	1.25
	Mid	64QAM	1.10	1.24
	High	QPSK	1.10	1.25
	High	16QAM	1.10	1.26
	High	64QAM	1.10	1.25
3	Low	QPSK	2.71	3.06
	Low	16QAM	2.71	3.05
	Low	64QAM	2.71	3.06
	Mid	QPSK	2.71	3.04
	Mid	16QAM	2.71	3.06
	Mid	64QAM	2.71	3.05
	High	QPSK	2.72	3.05
	High	16QAM	2.71	3.06
	High	64QAM	2.71	3.05
5	Low	QPSK	4.50	4.96
	Low	16QAM	4.50	4.97
	Low	64QAM	4.50	5.01
	Mid	QPSK	4.50	4.98
	Mid	16QAM	4.50	4.98
	Mid	64QAM	4.51	4.97
	High	QPSK	4.50	4.99
	High	16QAM	4.50	4.98
	High	64QAM	4.50	4.99
10	Low	QPSK	9.01	9.9
	Low	16QAM	8.97	9.85
	Low	64QAM	9.01	9.91
	Mid	QPSK	9.02	9.87
	Mid	16QAM	8.98	9.78
	Mid	64QAM	9.02	9.92
	High	QPSK	8.98	9.89
	High	16QAM	8.98	9.83
	High	64QAM	9.03	9.89



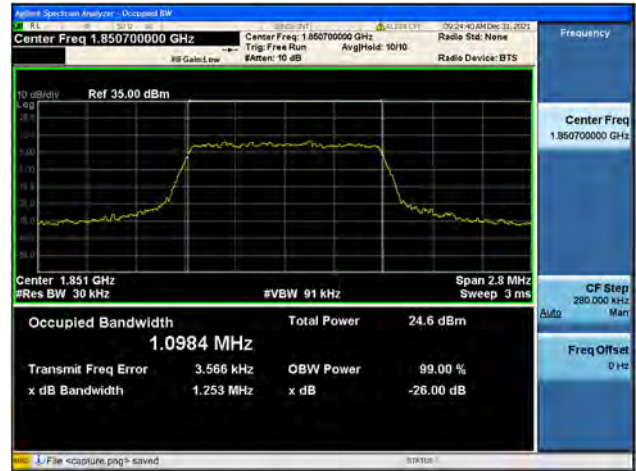
15	Low	QPSK	13.50	14.95
	Low	16QAM	13.50	14.91
	Low	64QAM	13.48	14.71
	Mid	QPSK	13.54	14.90
	Mid	16QAM	13.53	15.08
	Mid	64QAM	13.50	15.03
	High	QPSK	13.52	14.98
	High	16QAM	13.50	14.93
	High	64QAM	13.50	14.94
20	Low	QPSK	17.99	19.76
	Low	16QAM	18.00	19.80
	Low	64QAM	17.99	19.72
	Mid	QPSK	18.01	19.80
	Mid	16QAM	18.03	19.82
	Mid	64QAM	18.00	19.66
	High	QPSK	17.99	19.77
	High	16QAM	18.03	19.81
	High	64QAM	18.04	19.72



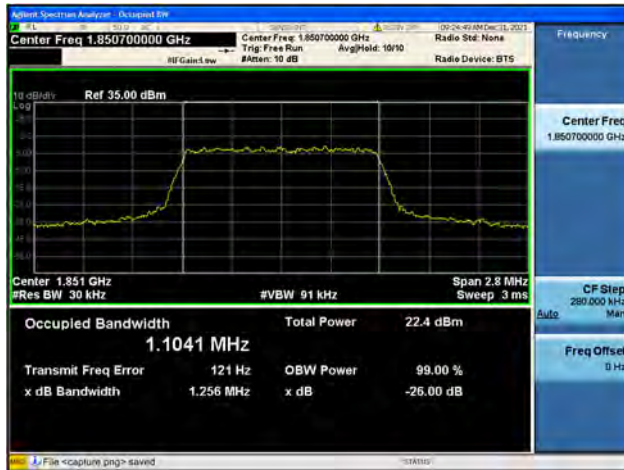
Band2 / 1.4MHz / Low CH / QPSK



Band2 / 1.4MHz / Low CH / 16QAM



Band2 / 1.4MHz / Low CH / 64QAM



Band2 / 1.4MHz / Mid CH / QPSK



Band2 / 1.4MHz / Mid CH / 16QAM

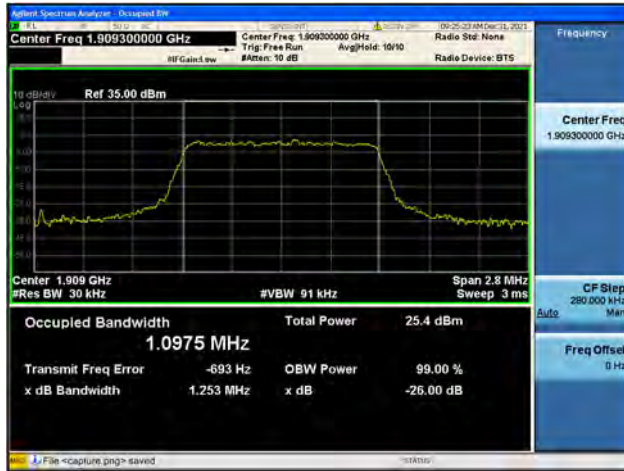


Band2 / 1.4MHz / Mid CH / 64QAM

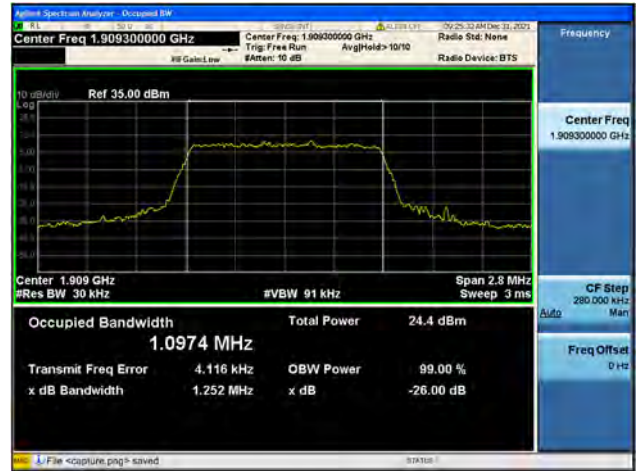




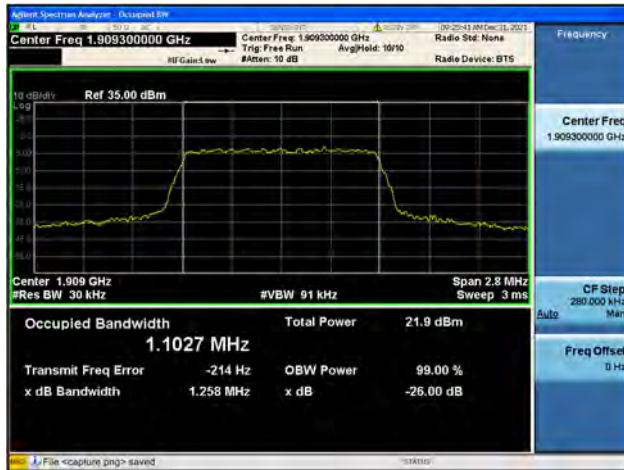
Band2 / 1.4MHz / High CH / QPSK



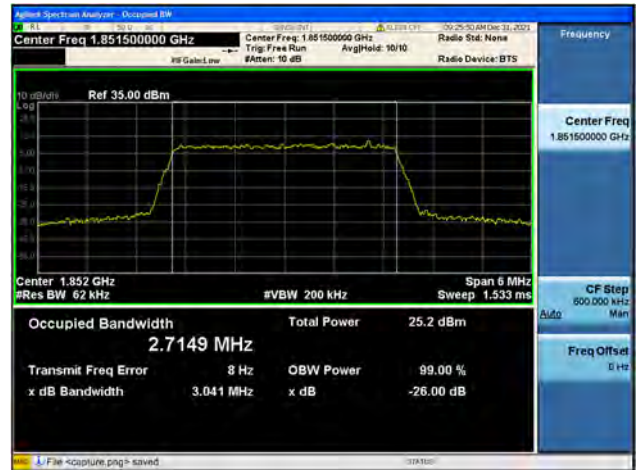
Band2 / 1.4MHz / High CH / 16QAM



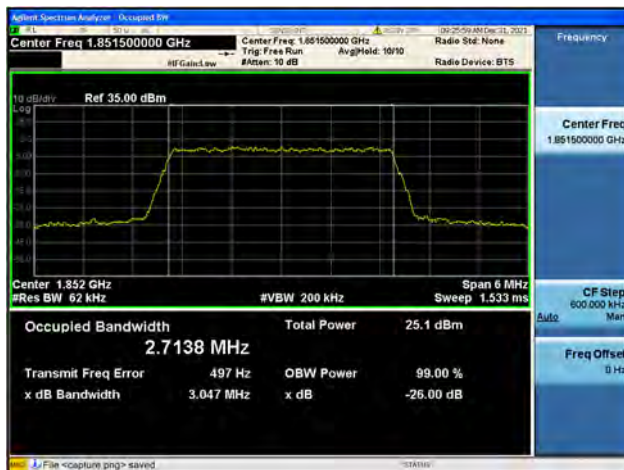
Band2 / 1.4MHz / High CH / 64QAM



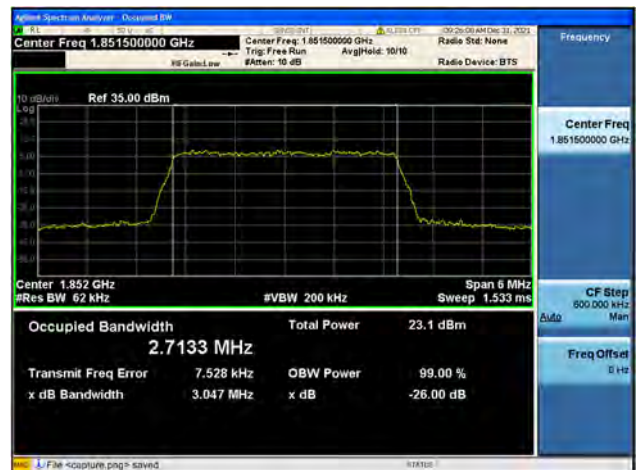
Band2 / 3MHz / Low CH / QPSK



Band2 / 3MHz / Low CH / 16QAM

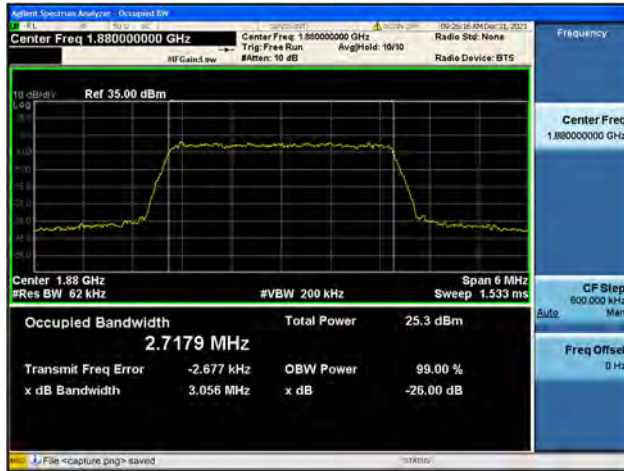


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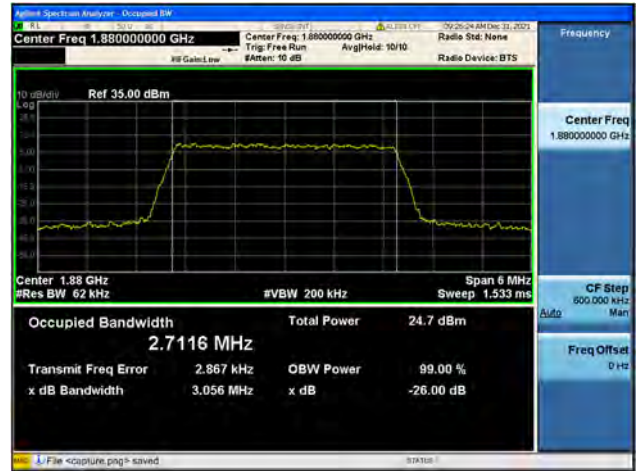




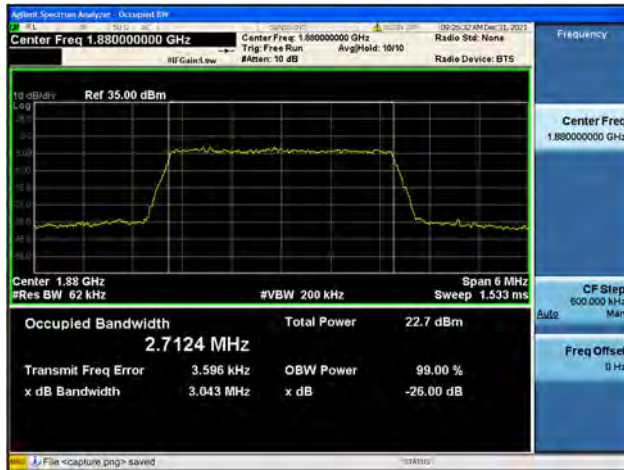
Band2 / 3MHz / Mid CH / QPSK



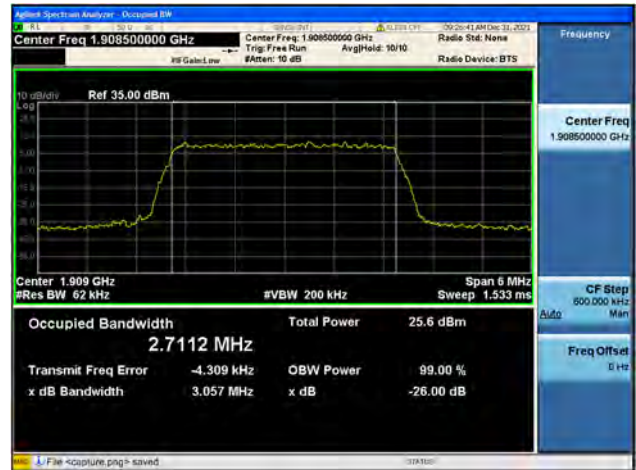
Band2 / 3MHz / Mid CH / 16QAM



Band2 / 3MHz / Mid CH / 64QAM



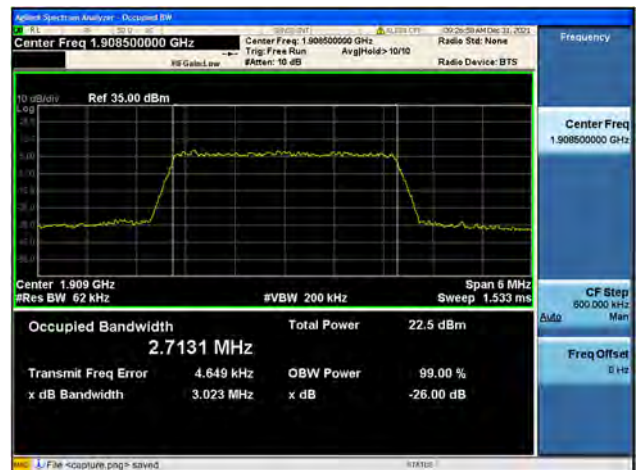
Band2 / 3MHz / High CH / QPSK



Band2 / 3MHz / High CH / 16QAM

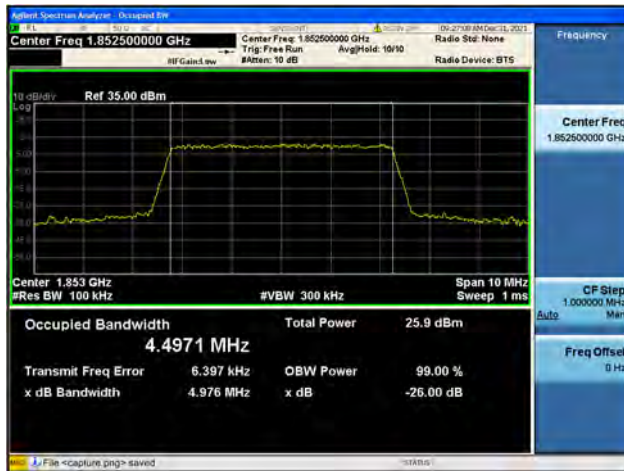


Band2 / 3MHz / High CH / 64QAM

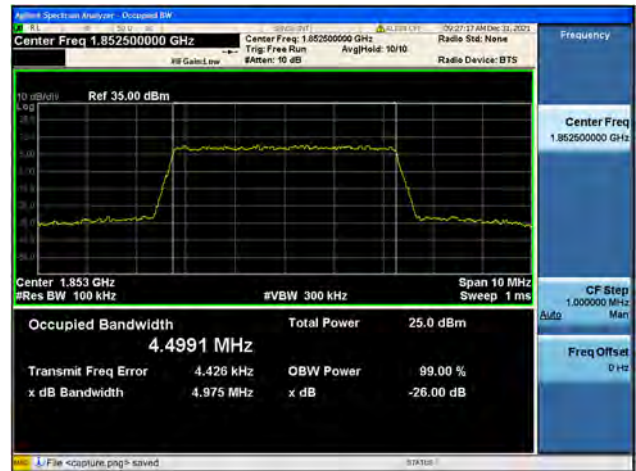




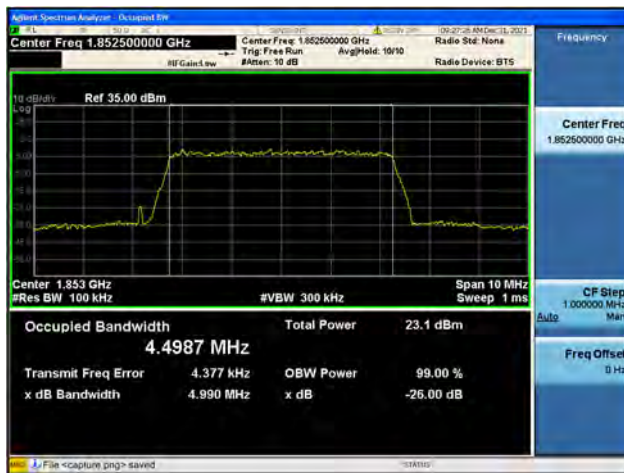
Band2 / 5MHz / Low CH / QPSK



Band2 / 5MHz / Low CH / 16QAM



Band2 / 5MHz / Low CH / 64QAM



Band2 / 5MHz / Mid CH / QPSK



Band2 / 5MHz / Mid CH / 16QAM

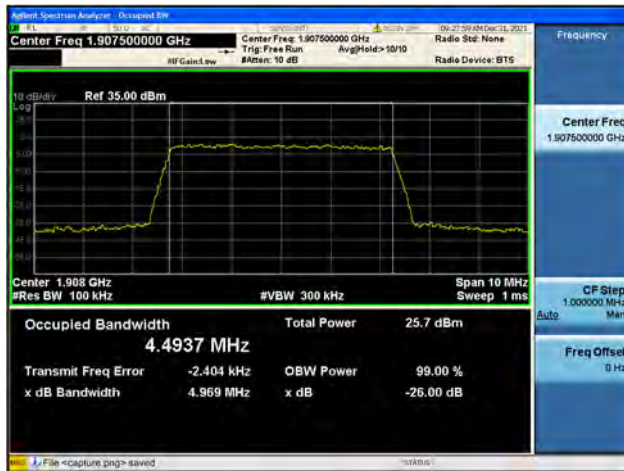


Band2 / 5MHz / Mid CH / 64QAM





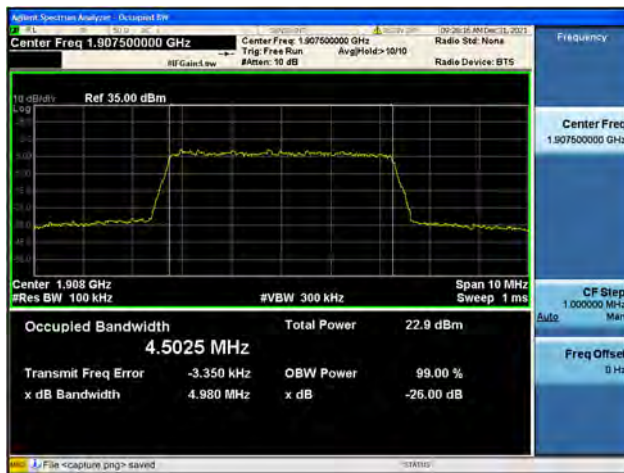
Band2 / 5MHz / High CH / QPSK



Band2 / 5MHz / High CH / 16QAM



Band2 / 5MHz / High CH / 64QAM



Band2 / 10MHz / Low CH / QPSK



Band2 / 10MHz / Low CH / 16QAM

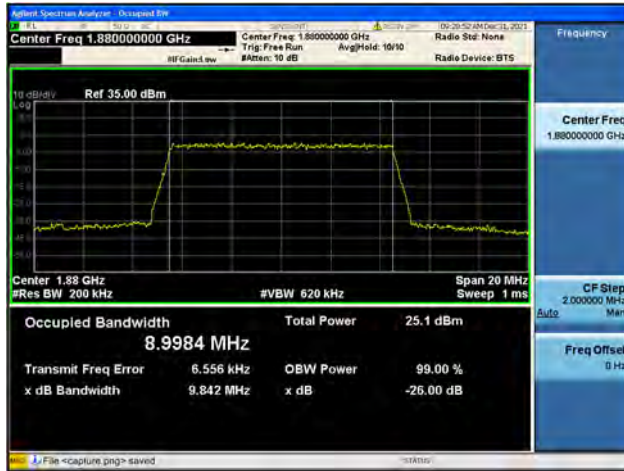


Band2 / 10MHz / Low CH / 64QAM

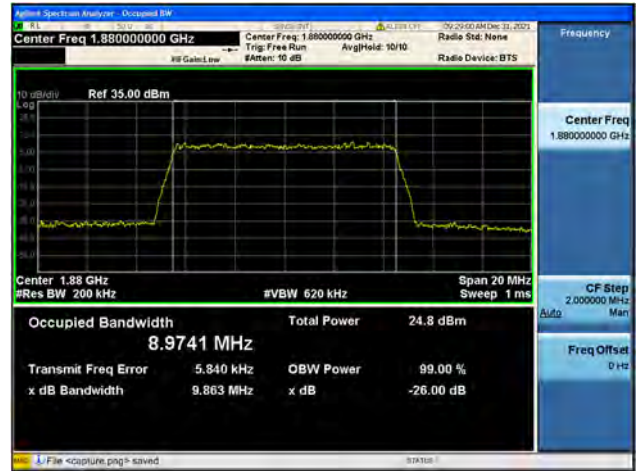




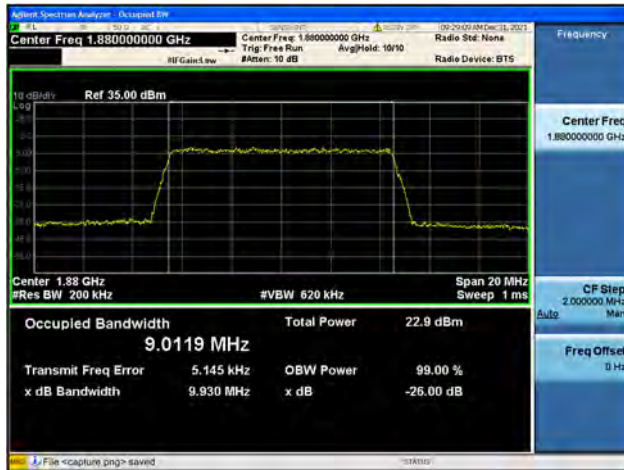
Band2 / 10MHz / Mid CH / QPSK



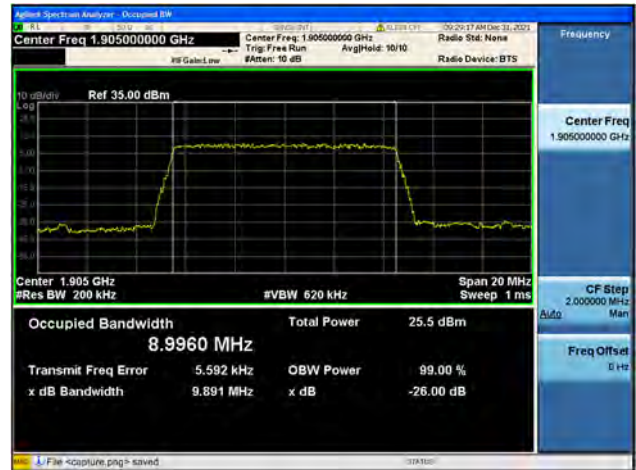
Band2 / 10MHz / Mid CH / 16QAM



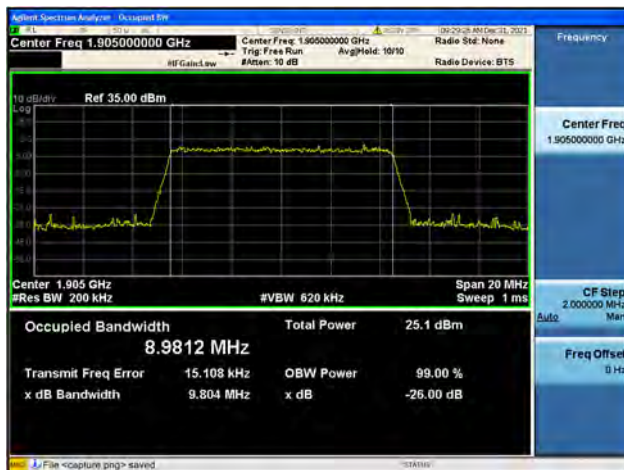
Band2 / 10MHz / Mid CH / 64QAM



Band2 / 10MHz / High CH / QPSK



Band2 / 10MHz / High CH / 16QAM

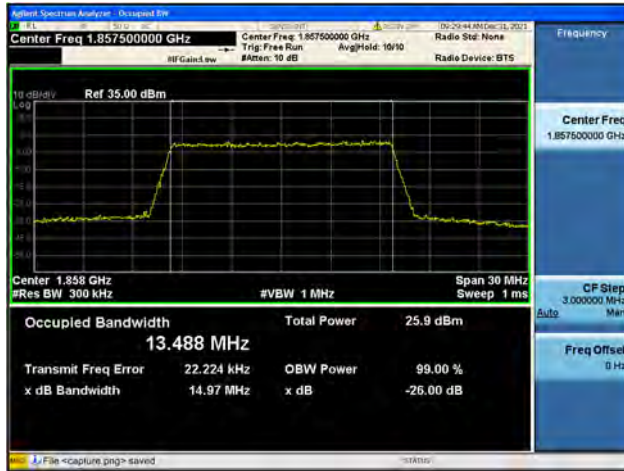


Band2 / 10MHz / High CH / 64QAM





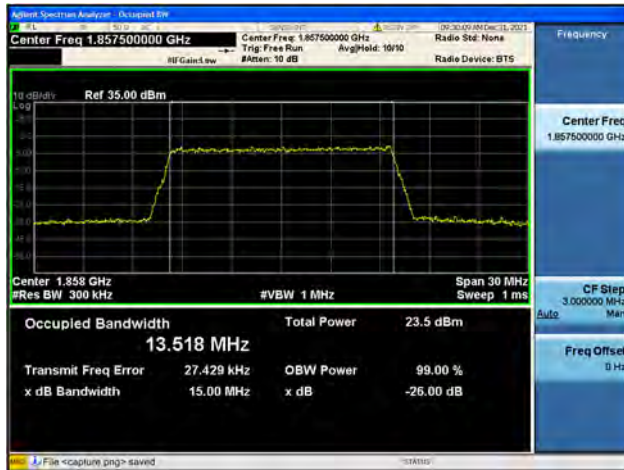
Band2 / 15MHz / Low CH / QPSK



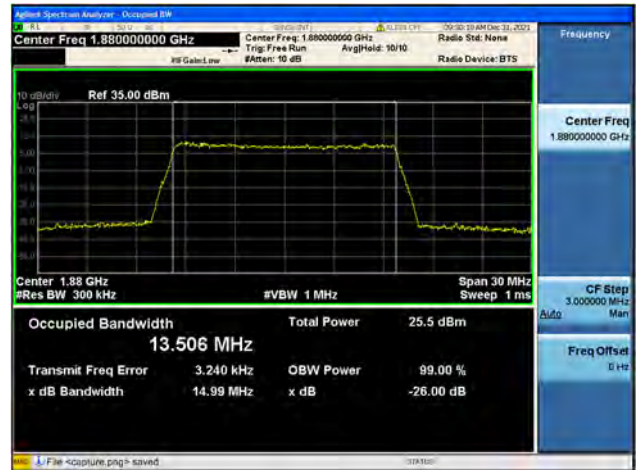
Band2 / 15MHz / Low CH / 16QAM



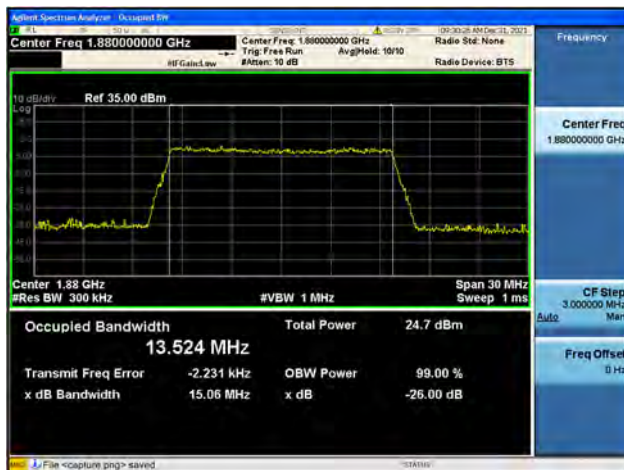
Band2 / 15MHz / Low CH / 64QAM



Band2 / 15MHz / Mid CH / QPSK



Band2 / 15MHz / Mid CH / 16QAM

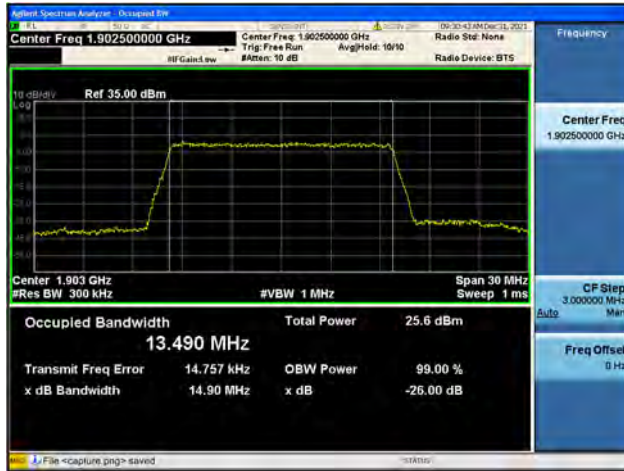


Band2 / 15MHz / Mid CH / 64QAM

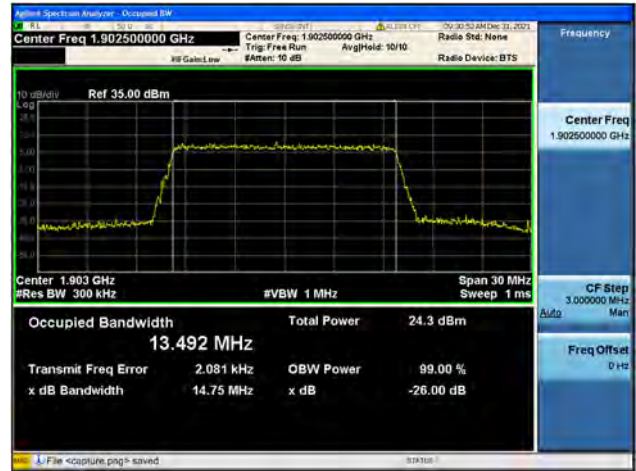




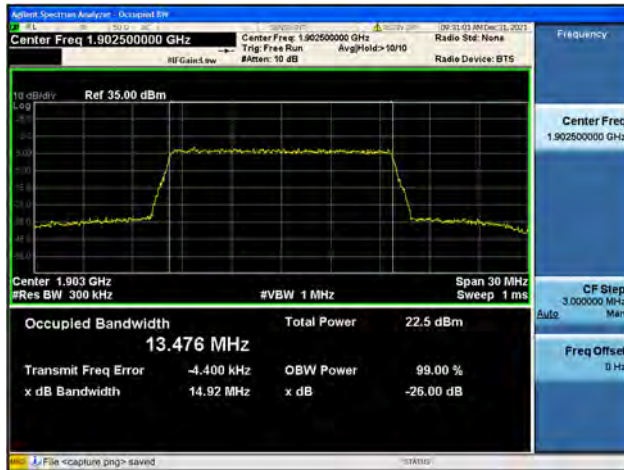
Band2 / 15MHz / High CH / QPSK



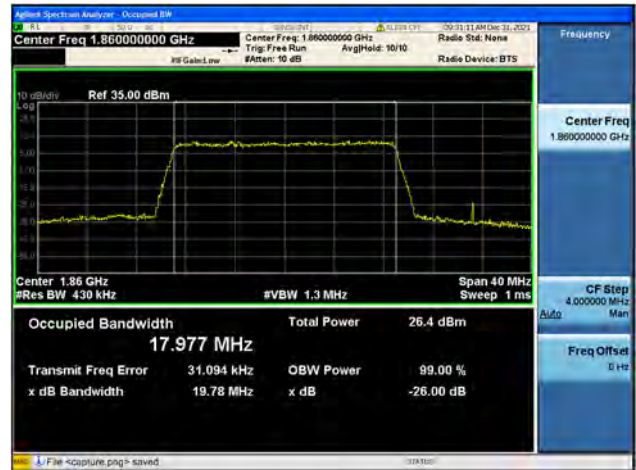
Band2 / 15MHz / High CH / 16QAM



Band2 / 15MHz / High CH / 64QAM



Band2 / 20MHz / Low CH / QPSK



Band2 / 20MHz / Low CH / 16QAM

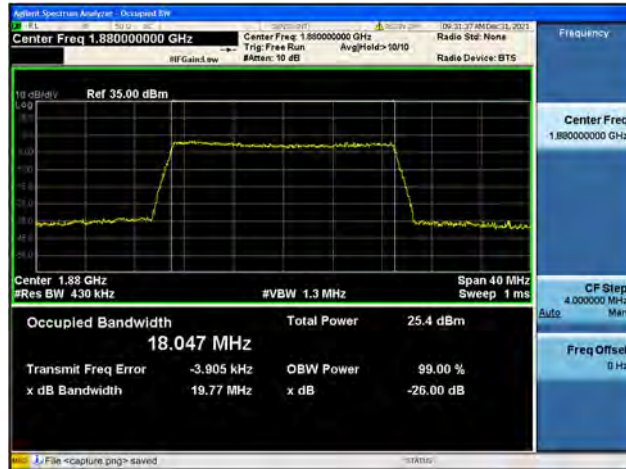


Band2 / 20MHz / Low CH / 64QAM

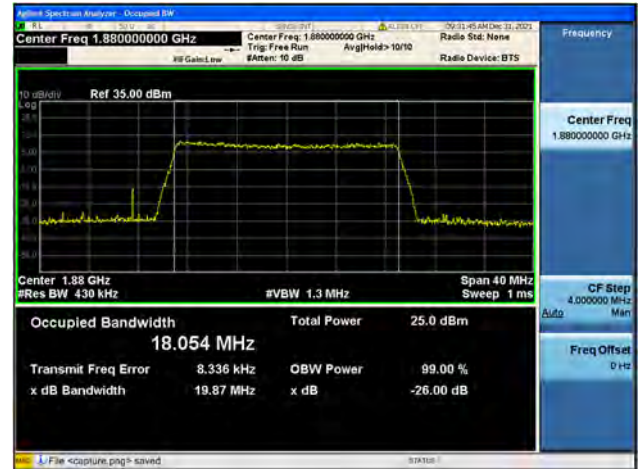




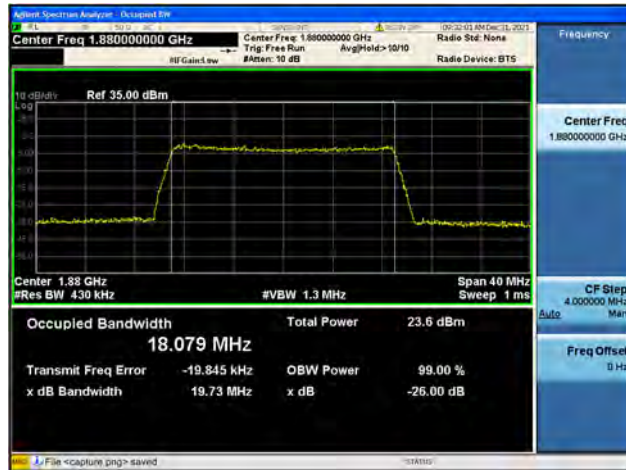
Band2 / 20MHz / Mid CH / QPSK



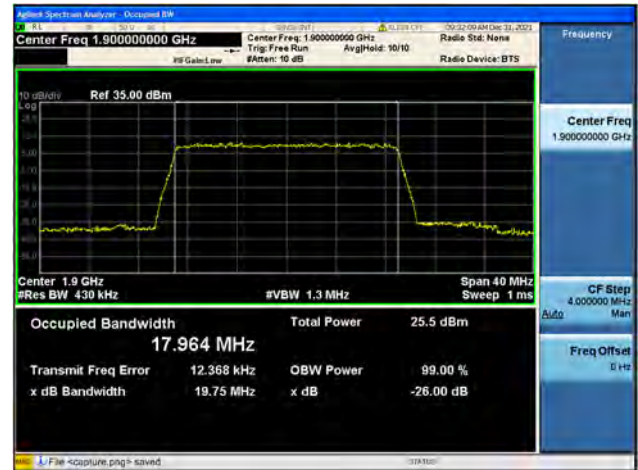
Band2 / 20MHz / Mid CH / 16QAM



Band2 / 20MHz / Mid CH / 64QAM



Band2 / 20MHz / High CH / QPSK



Band2 / 20MHz / High CH / 16QAM

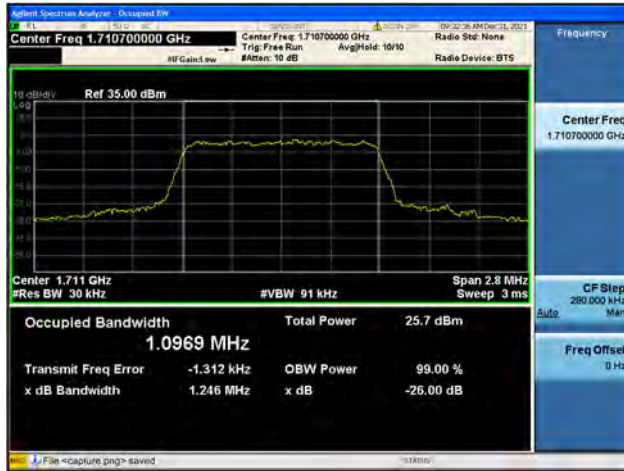


Band2 / 20MHz / High CH / 64QAM





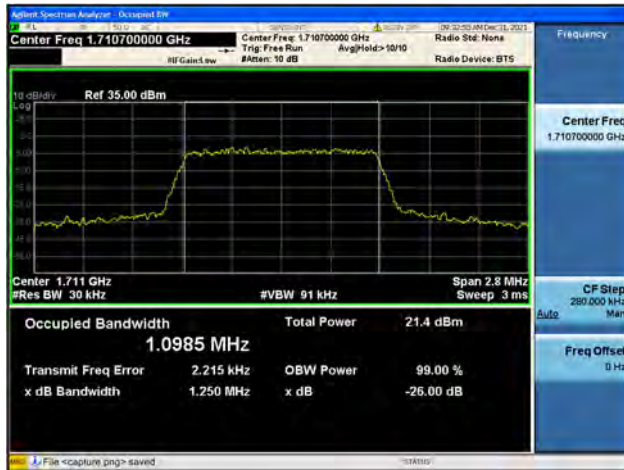
Band4 / 1.4MHz / Low CH / QPSK



Band4 / 1.4MHz / Low CH / 16QAM



Band4 / 1.4MHz / Low CH / 64QAM



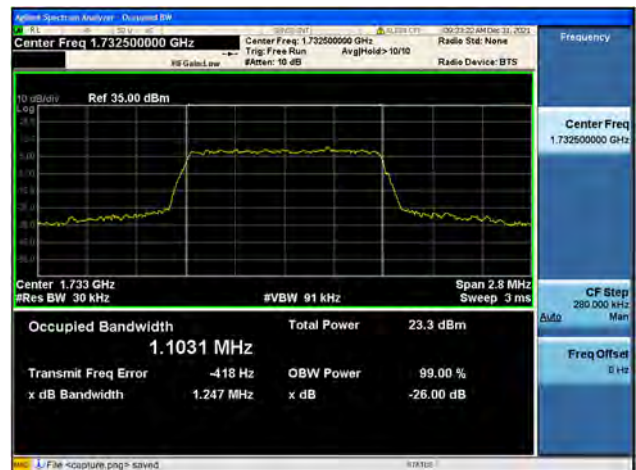
Band4 / 1.4MHz / Mid CH / QPSK



Band4 / 1.4MHz / Mid CH / 16QAM

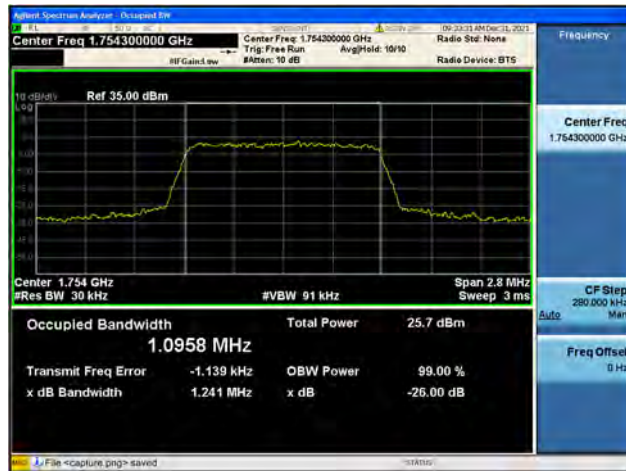


Band4 / 1.4MHz / Mid CH / 64QAM

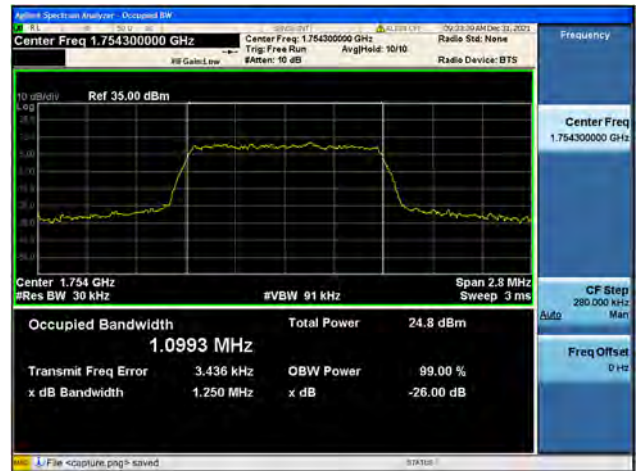




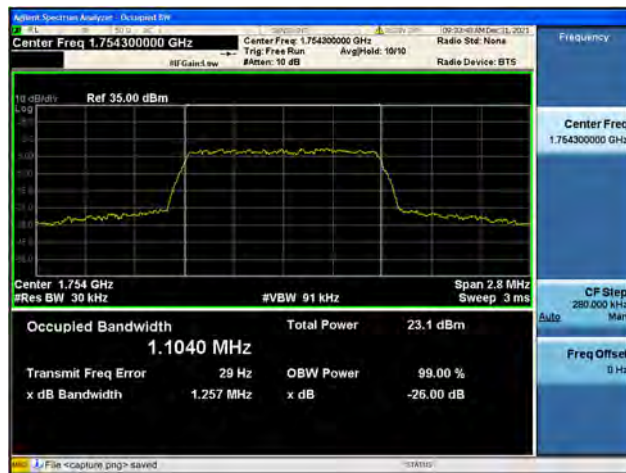
Band4 / 1.4MHz / High CH / QPSK



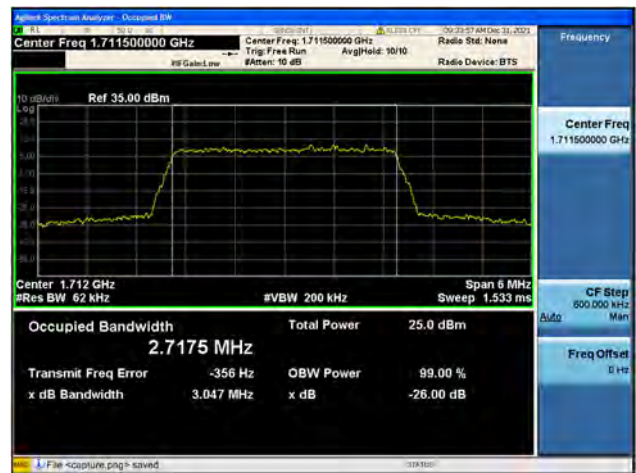
Band4 / 1.4MHz / High CH / 16QAM



Band4 / 1.4MHz / High CH / 64QAM



Band4 / 3MHz / Low CH / QPSK



Band4 / 3MHz / Low CH / 16QAM

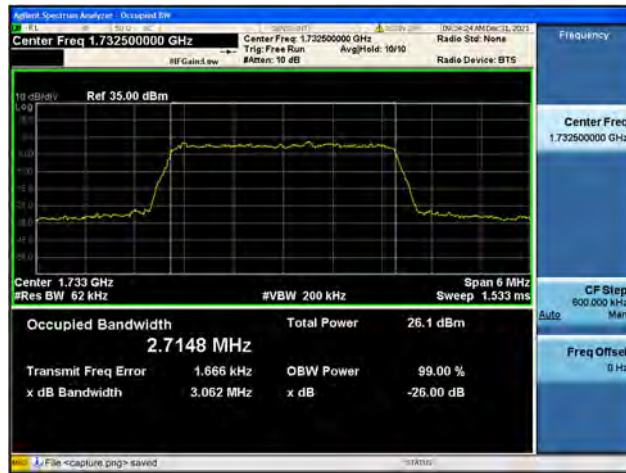


Band4 / 3MHz / Low CH / 64QAM

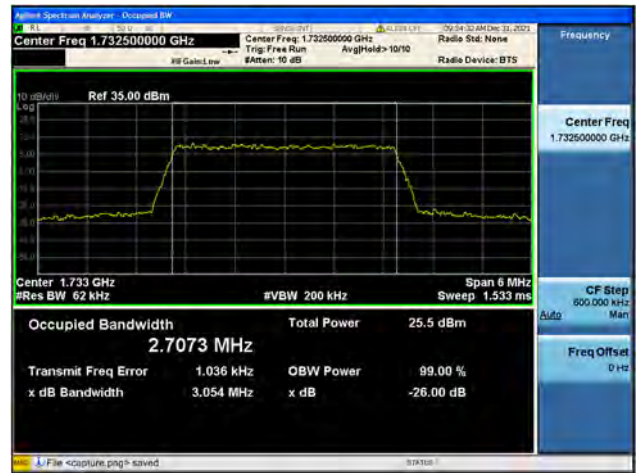




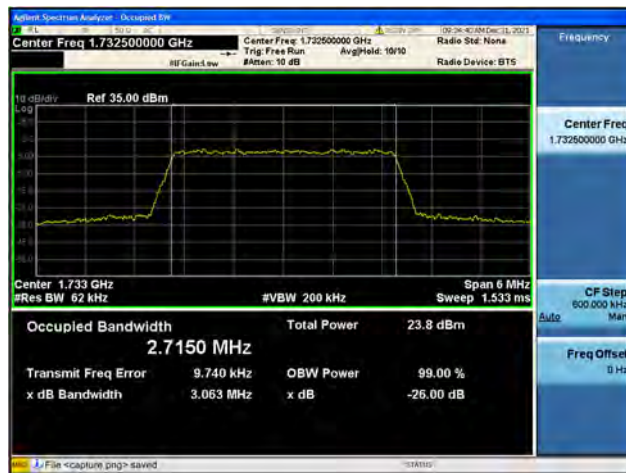
Band4 / 3MHz / Mid CH / QPSK



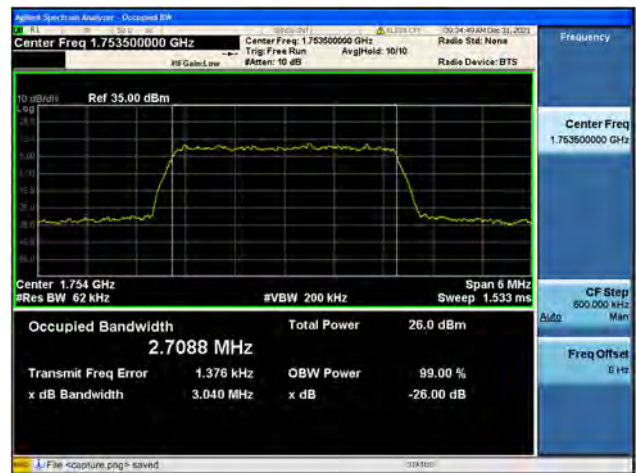
Band4 / 3MHz / Mid CH / 16QAM



Band4 / 3MHz / Mid CH / 64QAM



Band4 / 3MHz / High CH / QPSK



Band4 / 3MHz / High CH / 16QAM

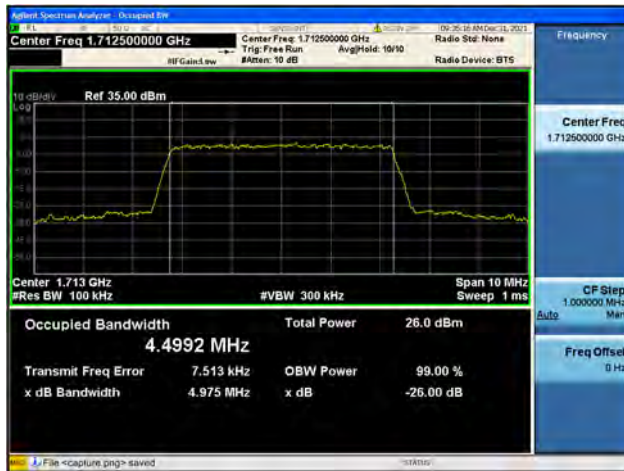


Band4 / 3MHz / High CH / 64QAM





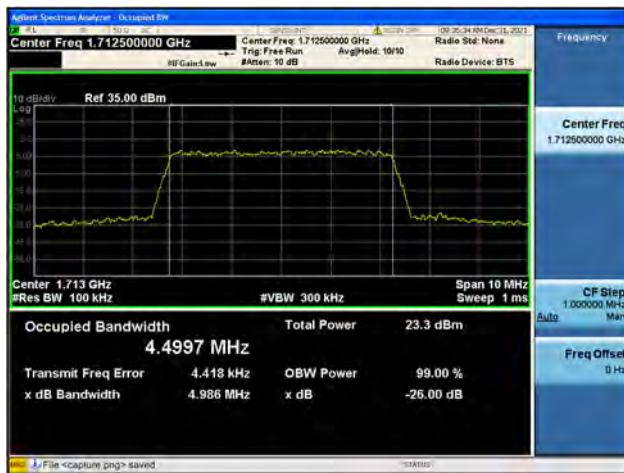
Band4 / 5MHz / Low CH / QPSK



Band4 / 5MHz / Low CH / 16QAM



Band4 / 5MHz / Low CH / 64QAM



Band4 / 5MHz / Mid CH / QPSK



Band4 / 5MHz / Mid CH / 16QAM

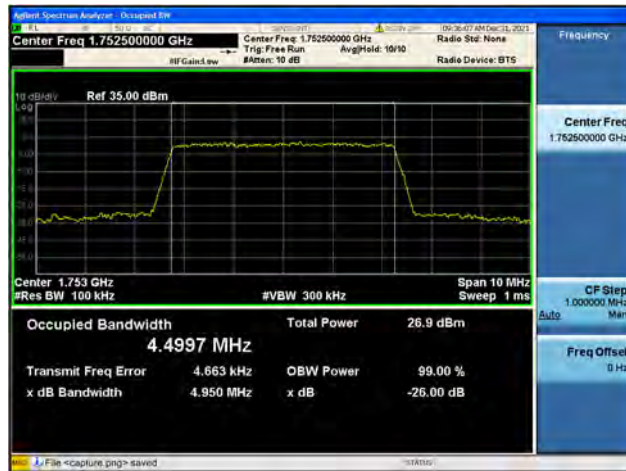


Band4 / 5MHz / Mid CH / 64QAM





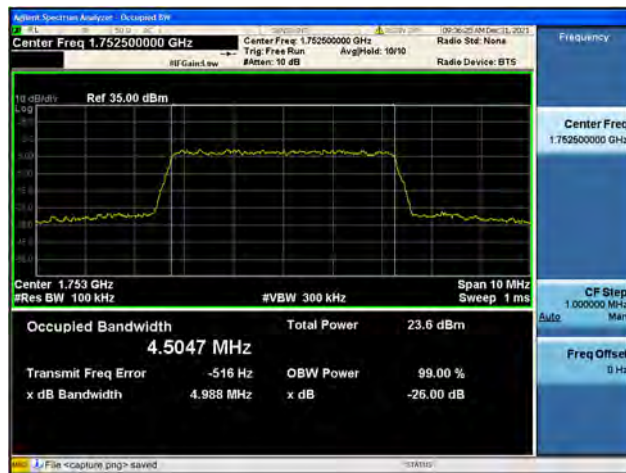
Band4 / 5MHz / High CH / QPSK



Band4 / 5MHz / High CH / 16QAM



Band4 / 5MHz / High CH / 64QAM



Band4 / 10MHz / Low CH / QPSK



Band4 / 10MHz / Low CH / 16QAM

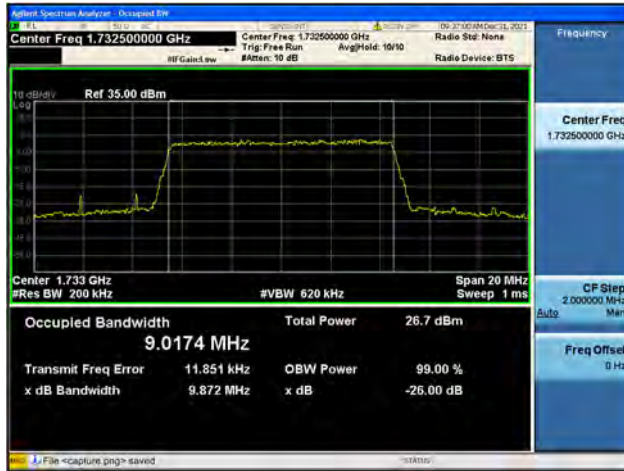


Band4 / 10MHz / Low CH / 64QAM





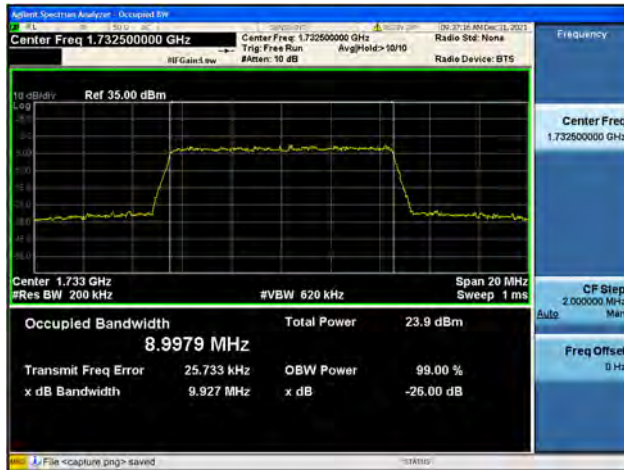
Band4 / 10MHz / Mid CH / QPSK



Band4 / 10MHz / Mid CH / 16QAM



Band4 / 10MHz / Mid CH / 64QAM



Band4 / 10MHz / High CH / QPSK



Band4 / 10MHz / High CH / 16QAM

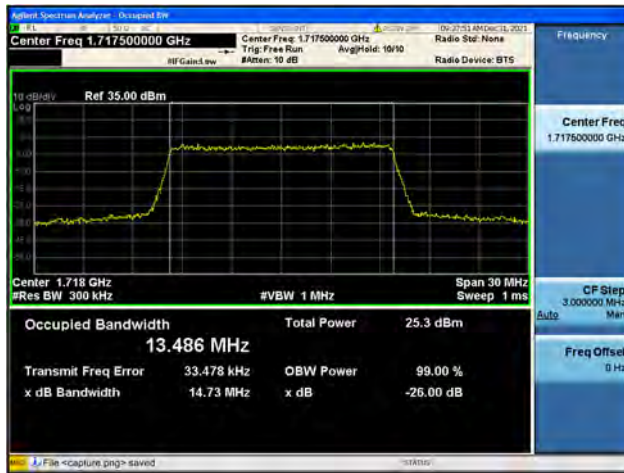


Band4 / 10MHz / High CH / 64QAM





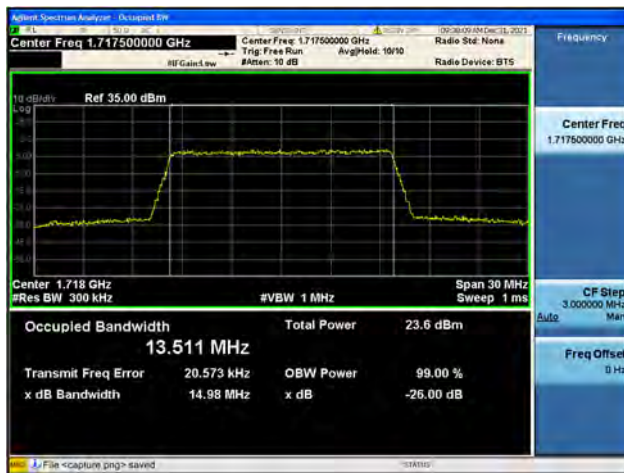
Band4 / 15MHz / Low CH / QPSK



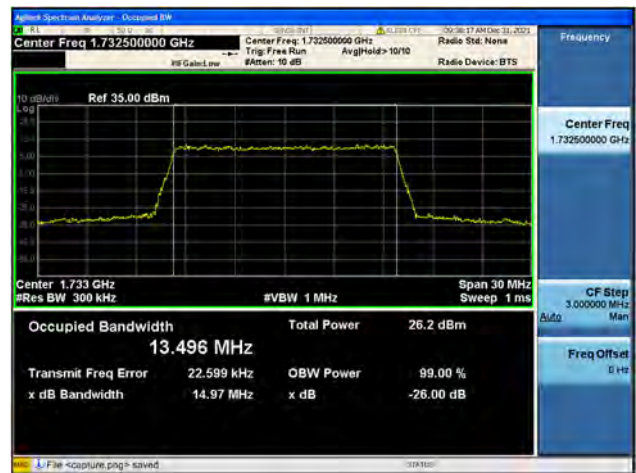
Band4 / 15MHz / Low CH / 16QAM



Band4 / 15MHz / Low CH / 64QAM



Band4 / 15MHz / Mid CH / QPSK



Band4 / 15MHz / Mid CH / 16QAM

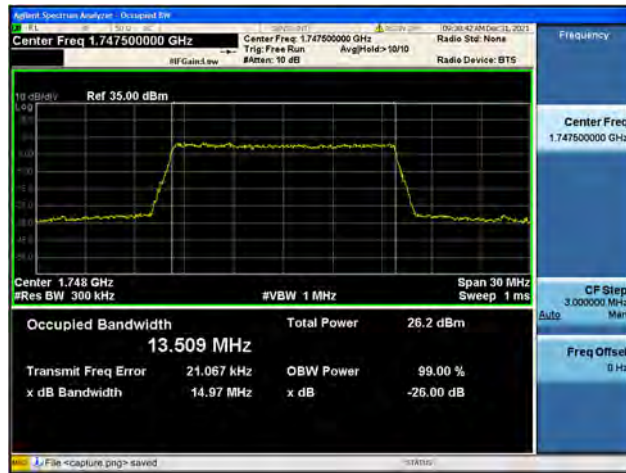


Band4 / 15MHz / Mid CH / 64QAM

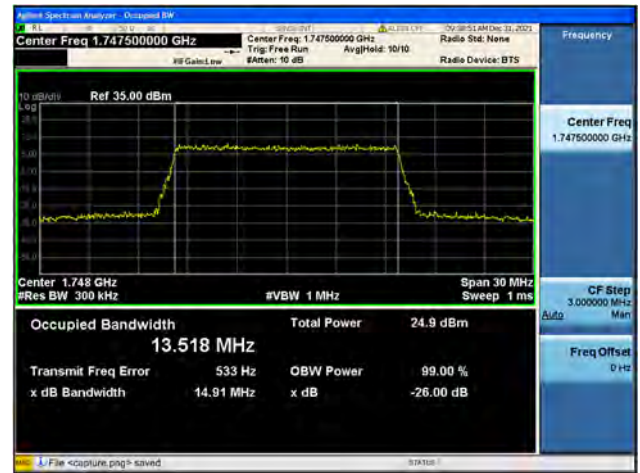




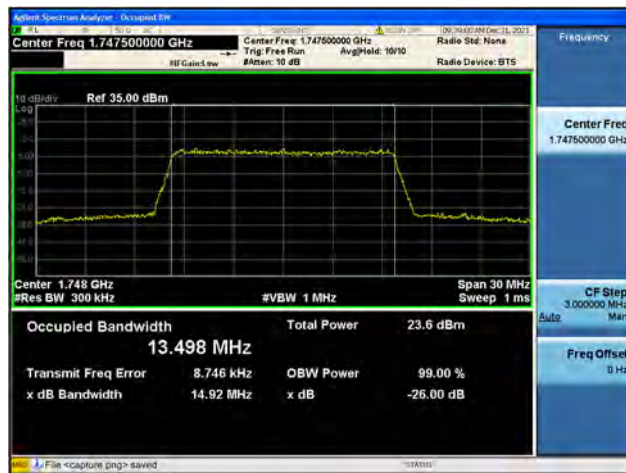
Band4 / 15MHz / High CH / QPSK



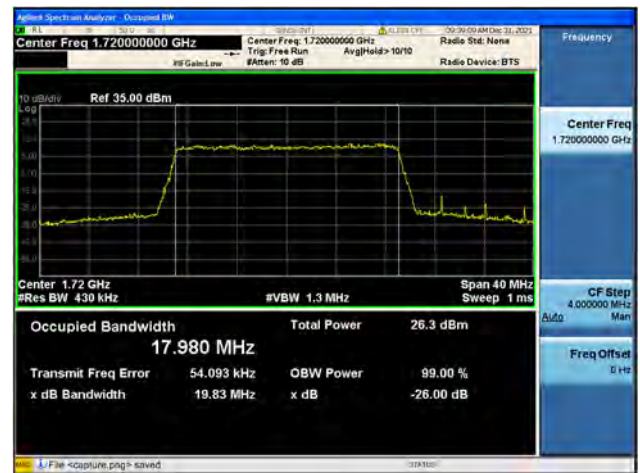
Band4 / 15MHz / High CH / 16QAM



Band4 / 15MHz / High CH / 64QAM



Band4 / 20MHz / Low CH / QPSK



Band4 / 20MHz / Low CH / 16QAM

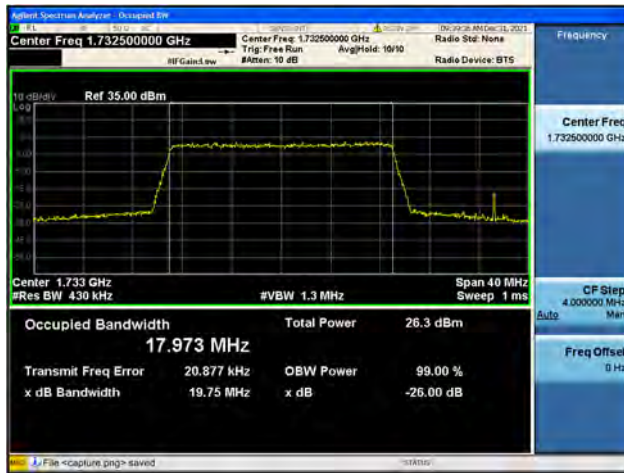


Band4 / 20MHz / Low CH / 64QAM

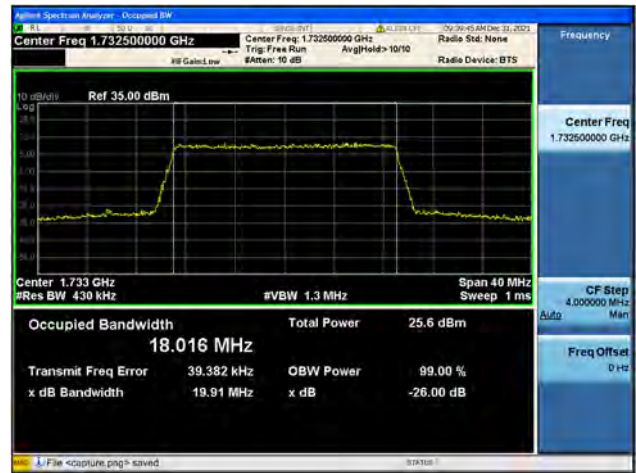




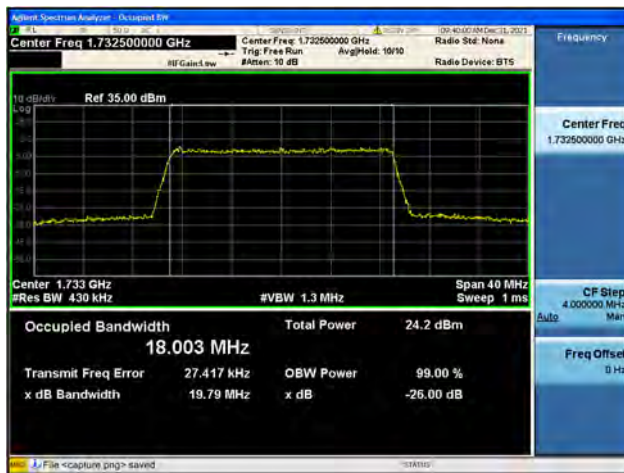
Band4 / 20MHz / Mid CH / QPSK



Band4 / 20MHz / Mid CH / 16QAM



Band4 / 20MHz / Mid CH / 64QAM



Band4 / 20MHz / High CH / QPSK



Band4 / 20MHz / High CH / 16QAM

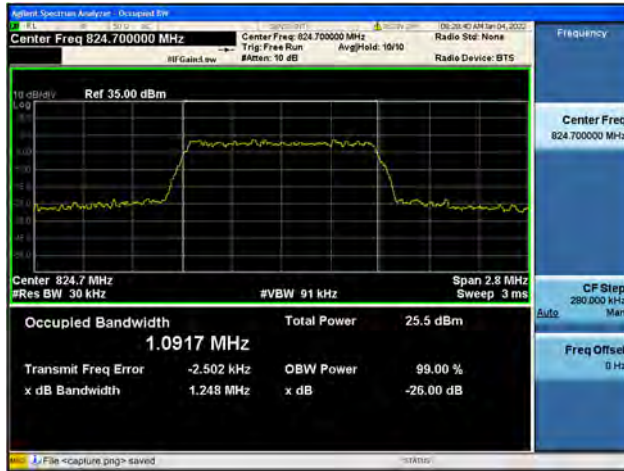


Band4 / 20MHz / High CH / 64QAM





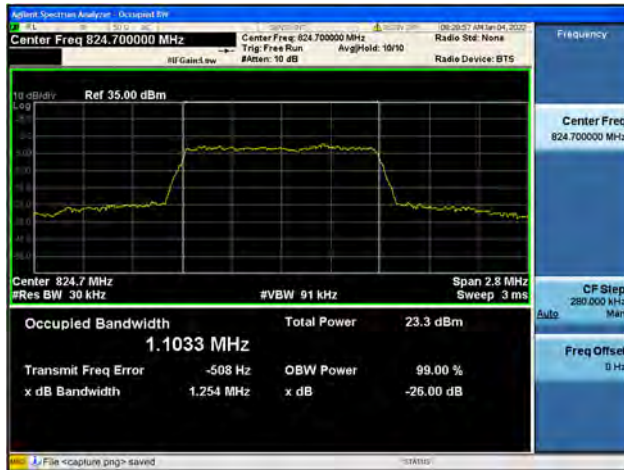
Band5 / 1.4MHz / Low CH / QPSK



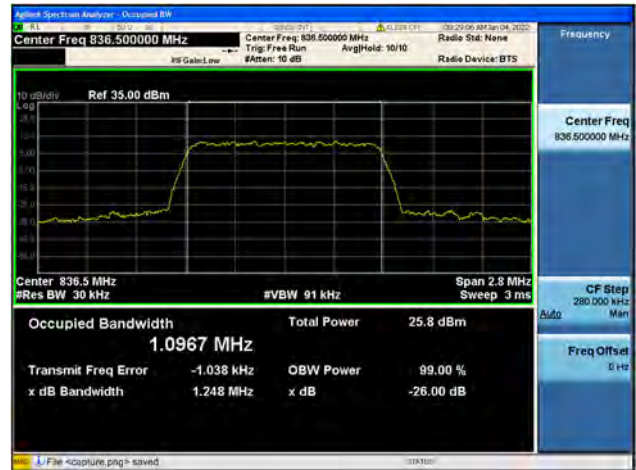
Band5 / 1.4MHz / Low CH / 16QAM



Band5 / 1.4MHz / Low CH / 64QAM



Band5 / 1.4MHz / Mid CH / QPSK



Band5 / 1.4MHz / Mid CH / 16QAM

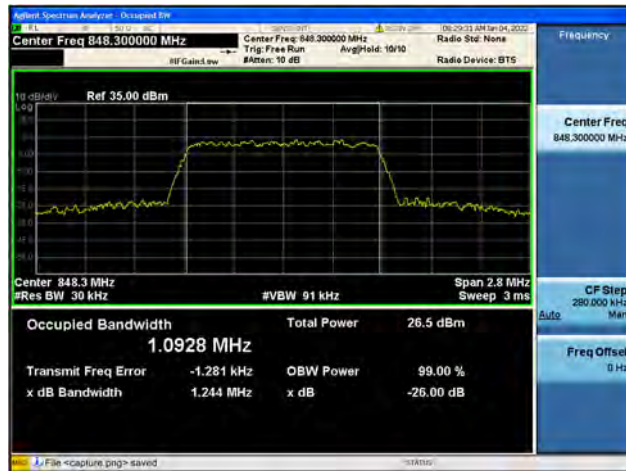


Band5 / 1.4MHz / Mid CH / 64QAM





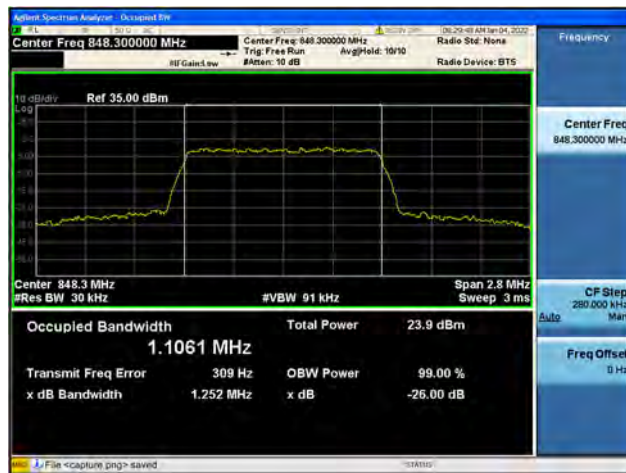
Band5 / 1.4MHz / High CH / QPSK



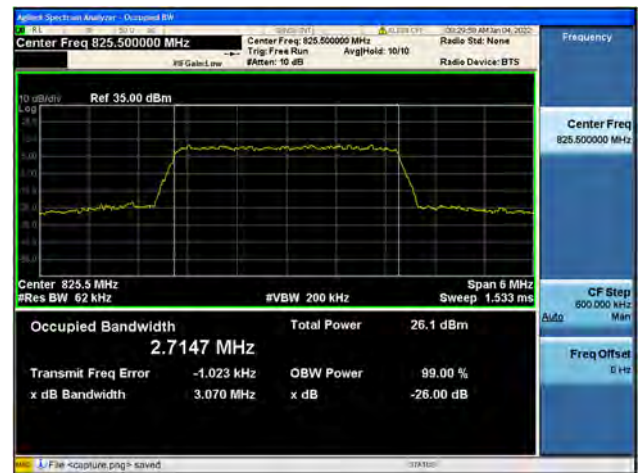
Band5 / 1.4MHz / High CH / 16QAM



Band5 / 1.4MHz / High CH / 64QAM



Band5 / 3MHz / Low CH / QPSK



Band5 / 3MHz / Low CH / 16QAM

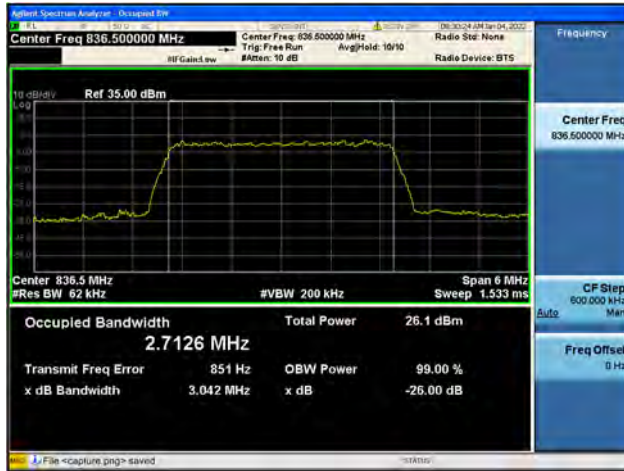


Band5 / 3MHz / Low CH / 64QAM

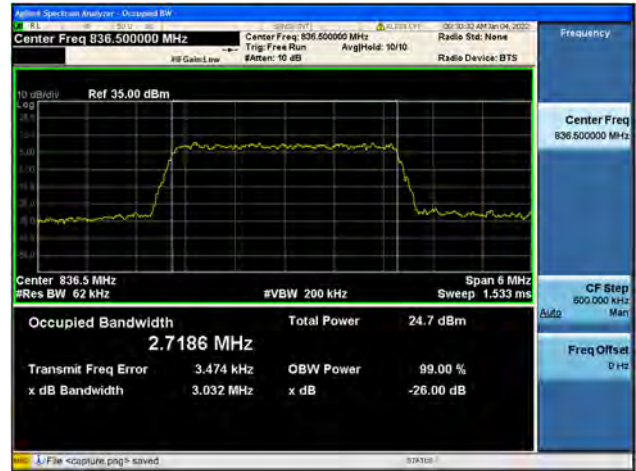




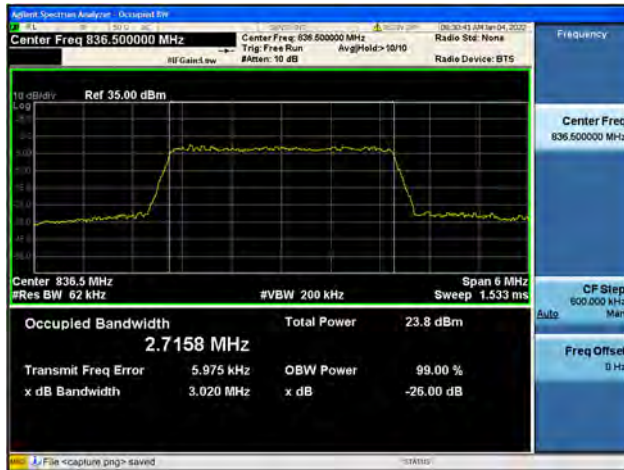
Band5 / 3MHz / Mid CH / QPSK



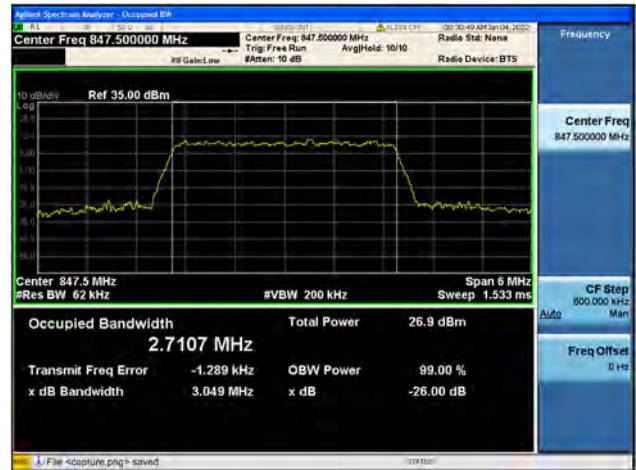
Band5 / 3MHz / Mid CH / 16QAM



Band5 / 3MHz / Mid CH / 64QAM



Band5 / 3MHz / High CH / QPSK



Band5 / 3MHz / High CH / 16QAM

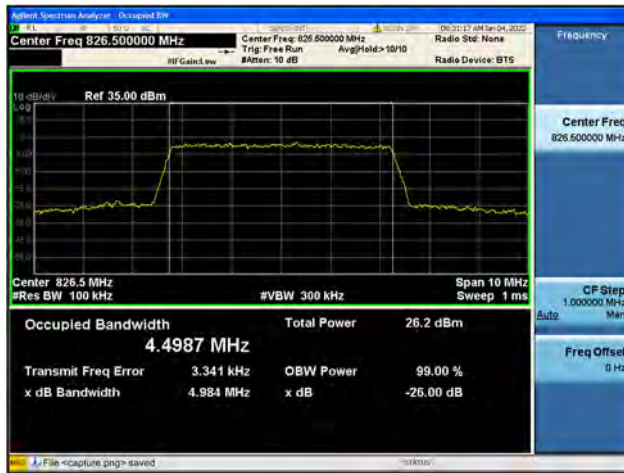


Band5 / 3MHz / High CH / 64QAM





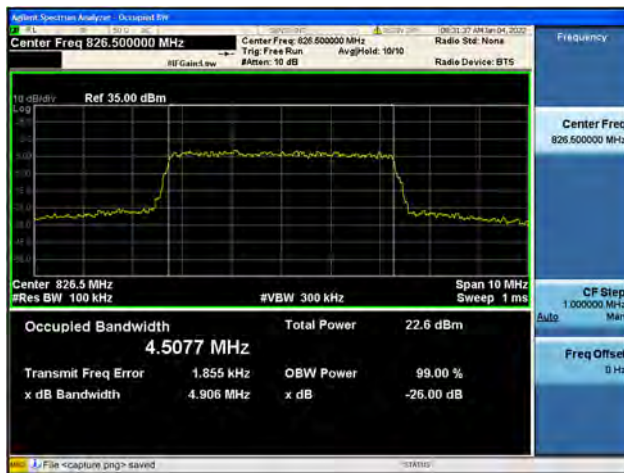
Band5 / 5MHz / Low CH / QPSK



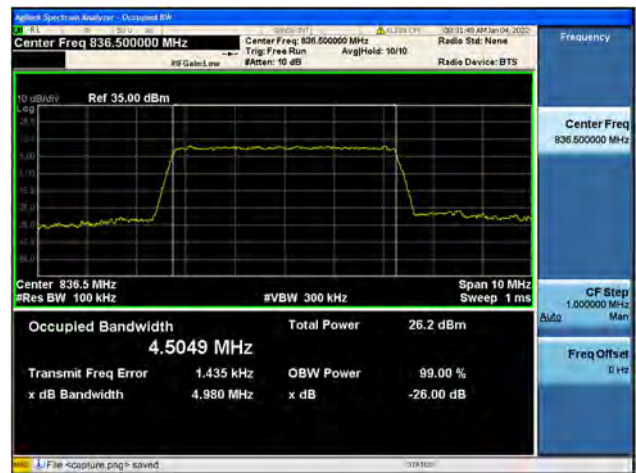
Band5 / 5MHz / Low CH / 16QAM



Band5 / 5MHz / Low CH / 64QAM



Band5 / 5MHz / Mid CH / QPSK



Band5 / 5MHz / Mid CH / 16QAM

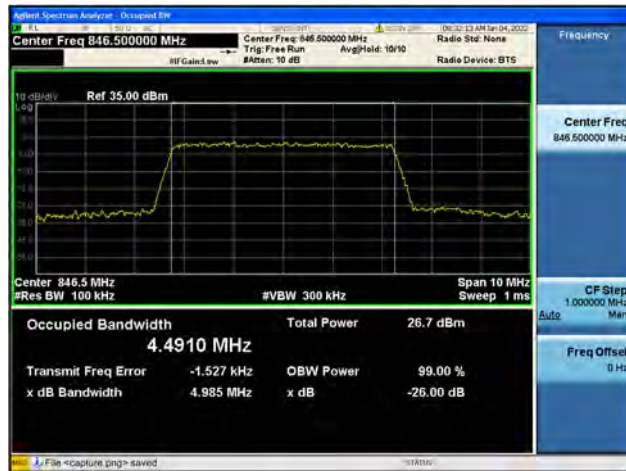


Band5 / 5MHz / Mid CH / 64QAM

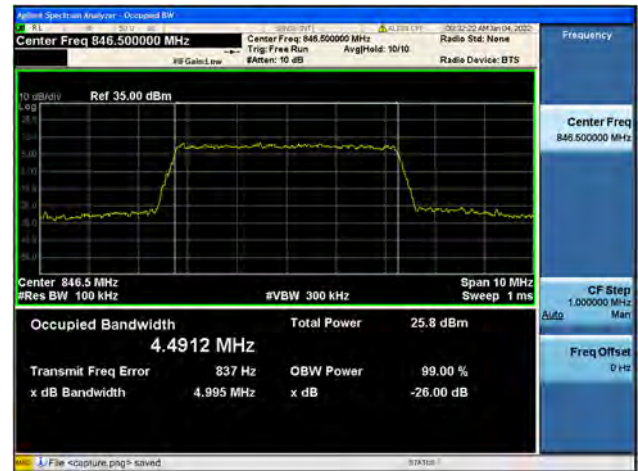




Band5 / 5MHz / High CH / QPSK



Band5 / 5MHz / High CH / 16QAM



Band5 / 5MHz / High CH / 64QAM



Band5 / 10MHz / Low CH / QPSK



Band5 / 10MHz / Low CH / 16QAM

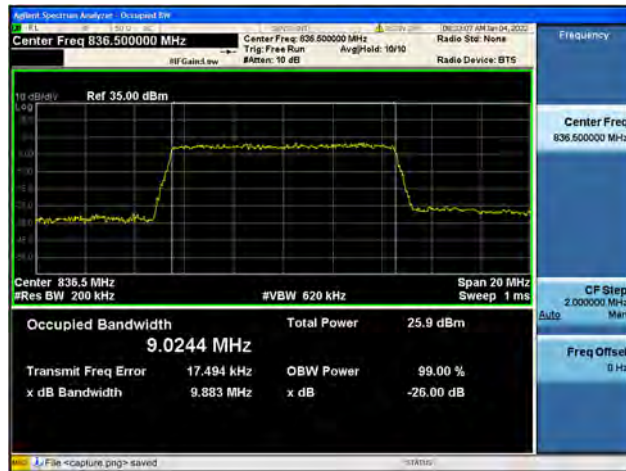


Band5 / 10MHz / Low CH / 64QAM

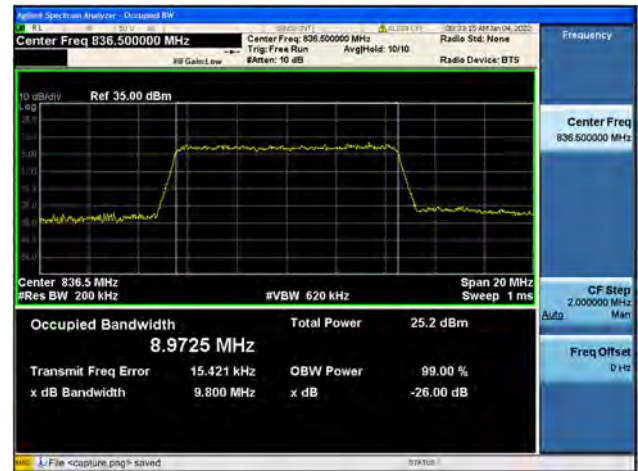




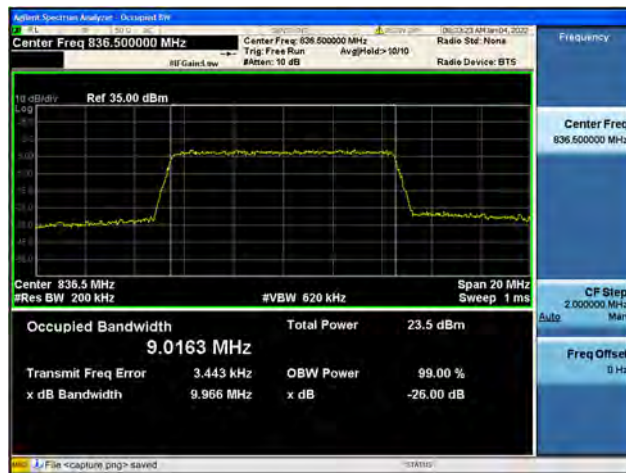
Band5 / 10MHz / Mid CH / QPSK



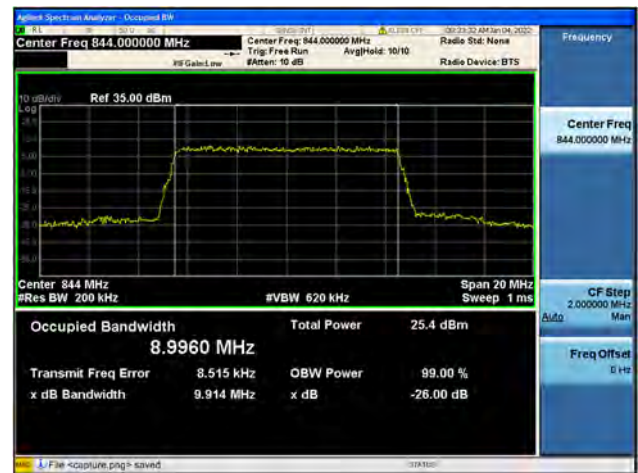
Band5 / 10MHz / Mid CH / 16QAM



Band5 / 10MHz / Mid CH / 64QAM



Band5 / 10MHz / High CH / QPSK



Band5 / 10MHz / High CH / 16QAM

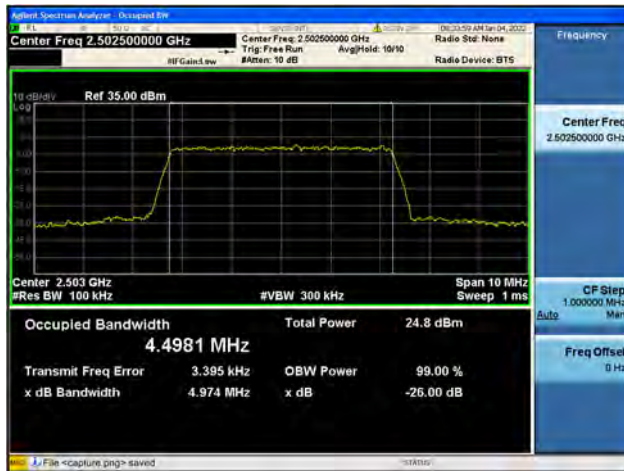


Band5 / 10MHz / High CH / 64QAM

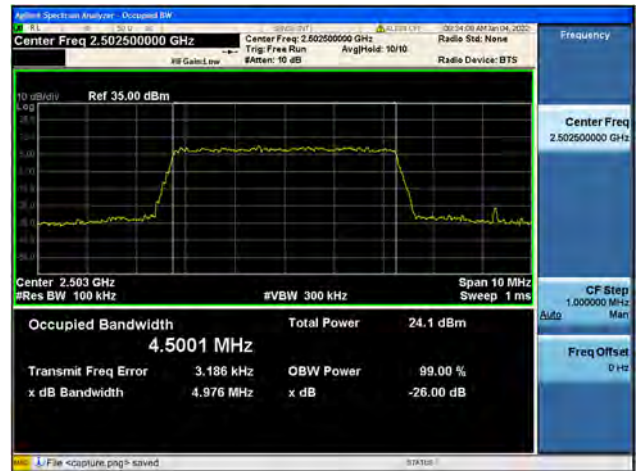




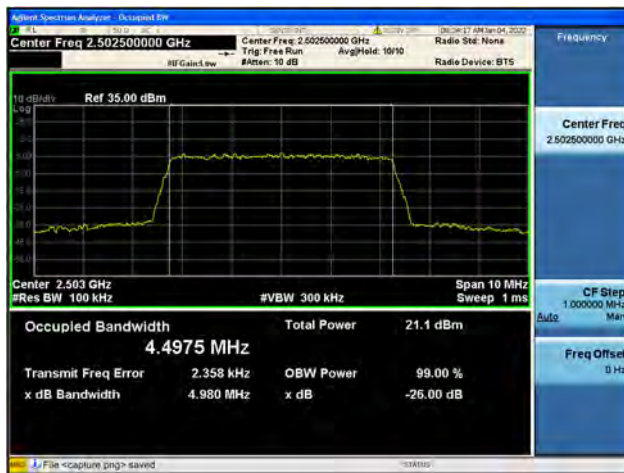
Band7 / 5MHz / Low CH / QPSK



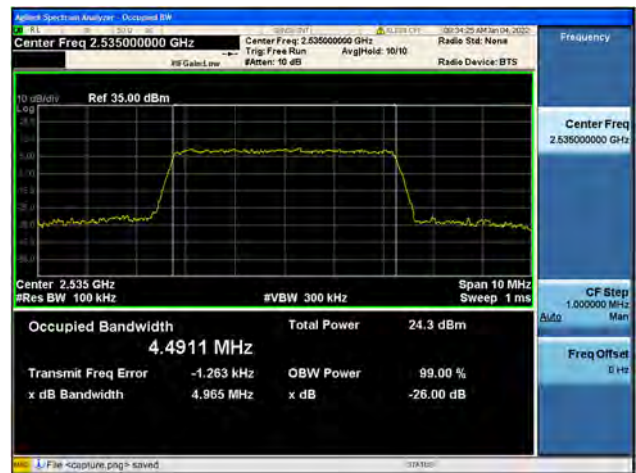
Band7 / 5MHz / Low CH / 16QAM



Band7 / 5MHz / Low CH / 64QAM



Band7 / 5MHz / Mid CH / QPSK



Band7 / 5MHz / Mid CH / 16QAM

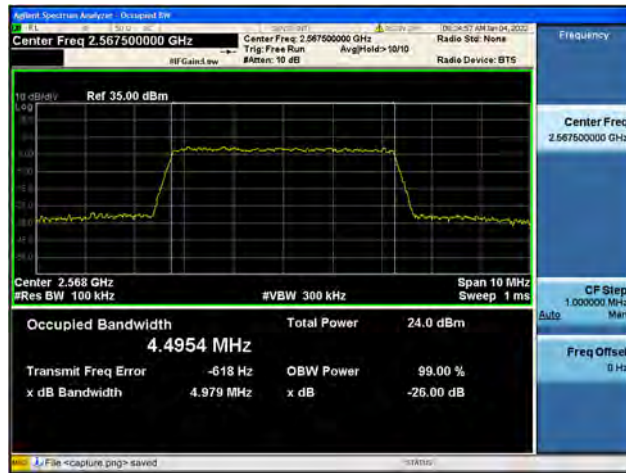


Band7 / 5MHz / Mid CH / 64QAM

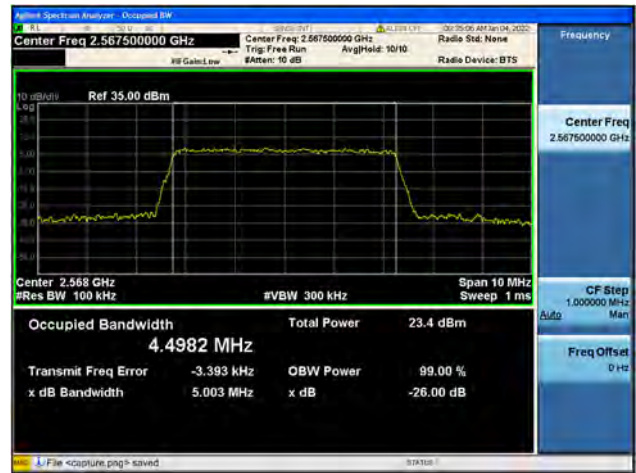




Band7 / 5MHz / High CH / QPSK



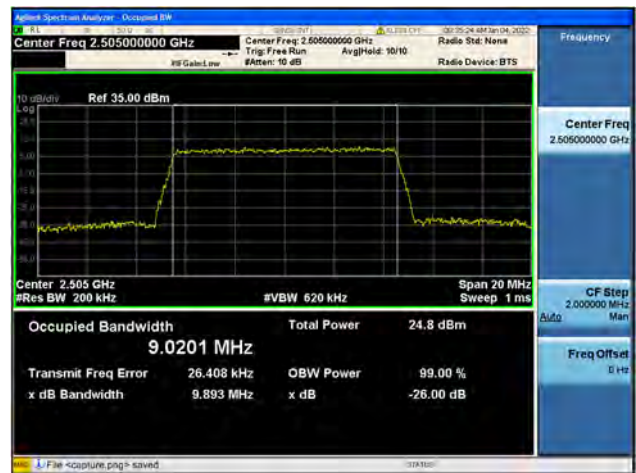
Band7 / 5MHz / High CH / 16QAM



Band7 / 5MHz / High CH / 64QAM



Band7 / 10MHz / Low CH / QPSK



Band7 / 10MHz / Low CH / 16QAM

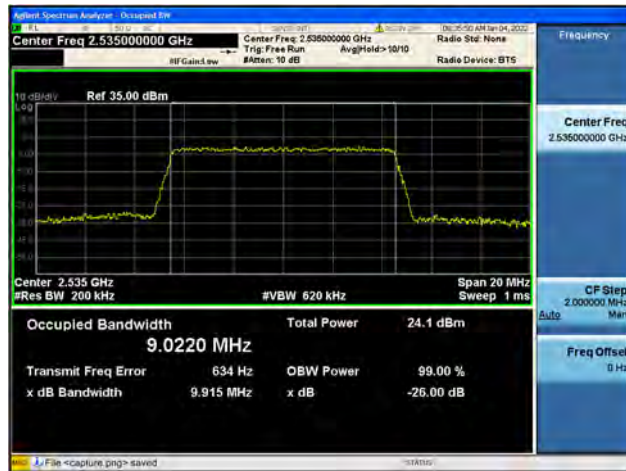


Band7 / 10MHz / Low CH / 64QAM

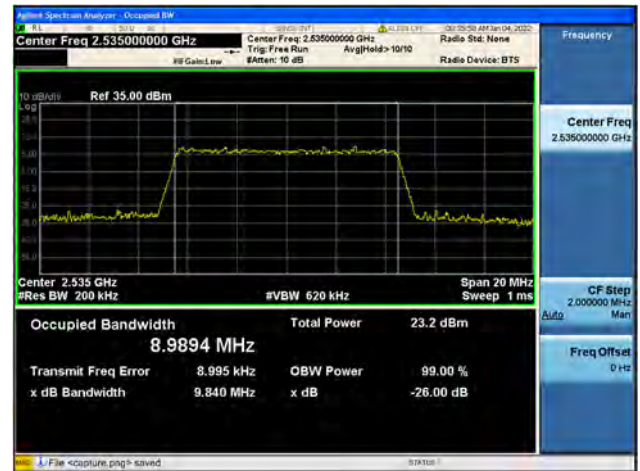




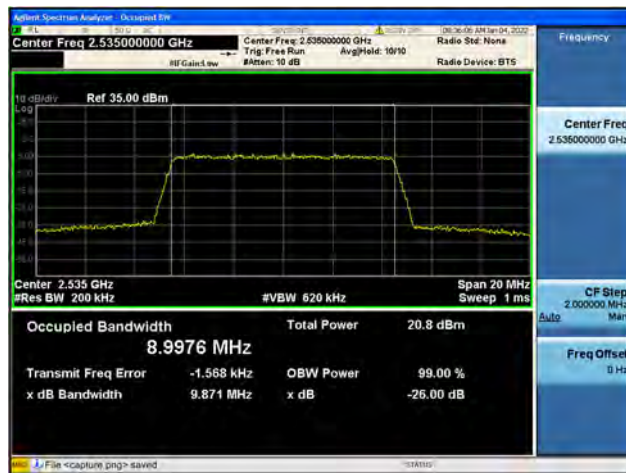
Band7 / 10MHz / Mid CH / QPSK



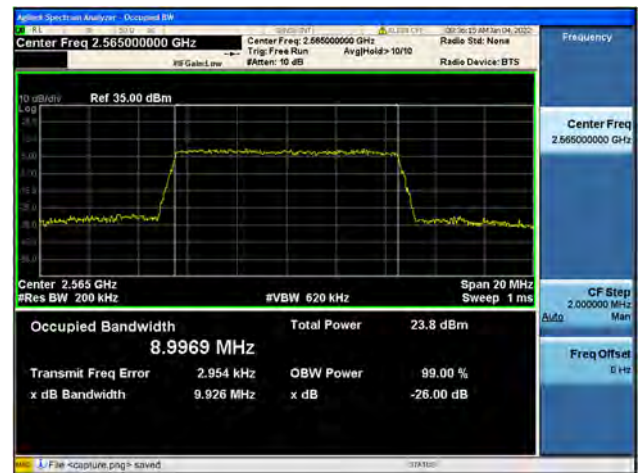
Band7 / 10MHz / Mid CH / 16QAM



Band7 / 10MHz / Mid CH / 64QAM



Band7 / 10MHz / High CH / QPSK



Band7 / 10MHz / High CH / 16QAM

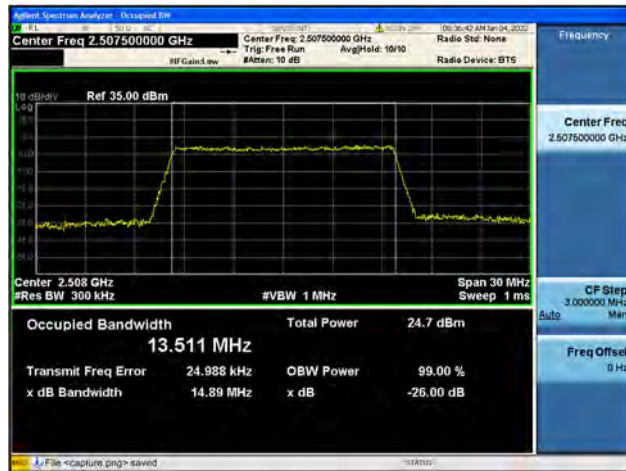


Band7 / 10MHz / High CH / 64QAM

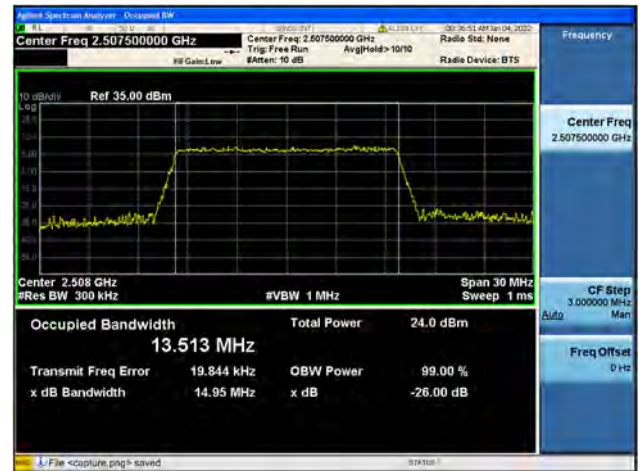




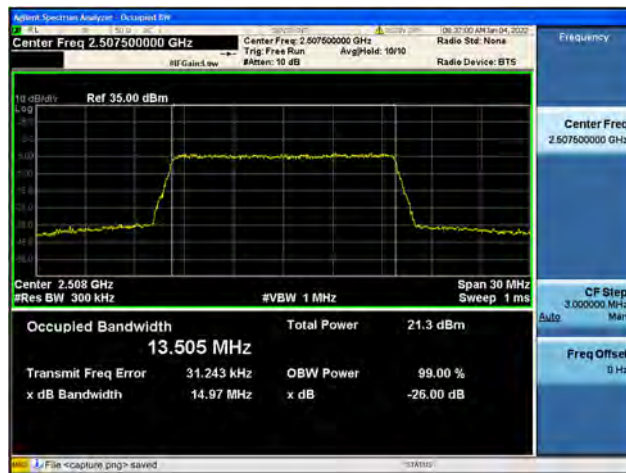
Band7 / 15MHz / Low CH / QPSK



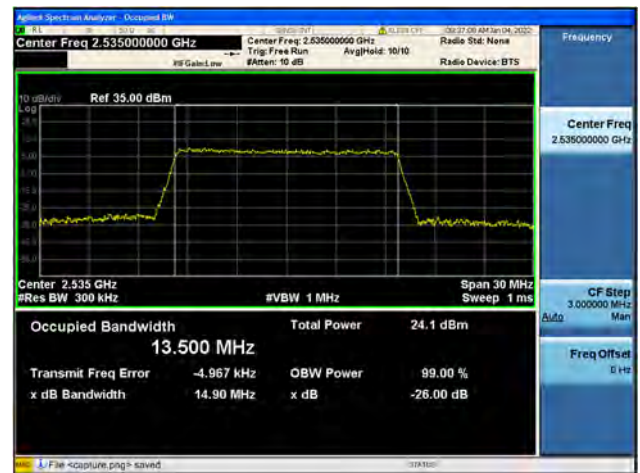
Band7 / 15MHz / Low CH / 16QAM



Band7 / 15MHz / Low CH / 64QAM



Band7 / 15MHz / Mid CH / QPSK



Band7 / 15MHz / Mid CH / 16QAM

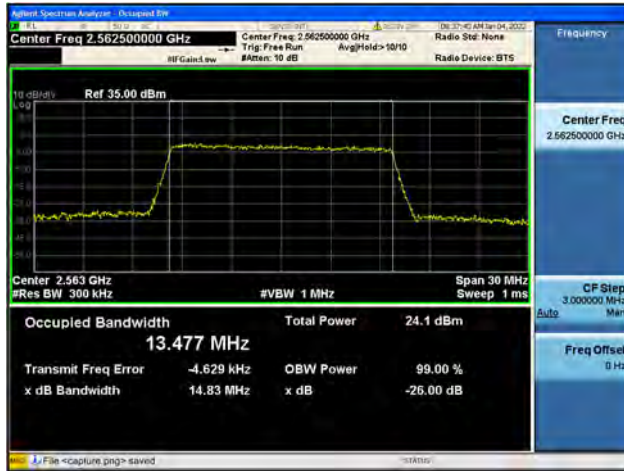


Band7 / 15MHz / Mid CH / 64QAM

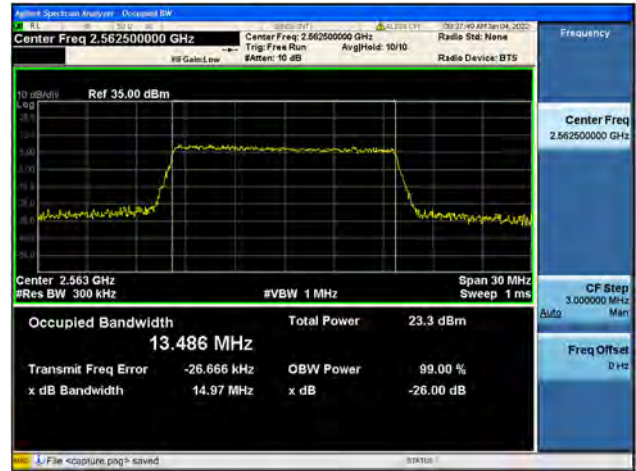




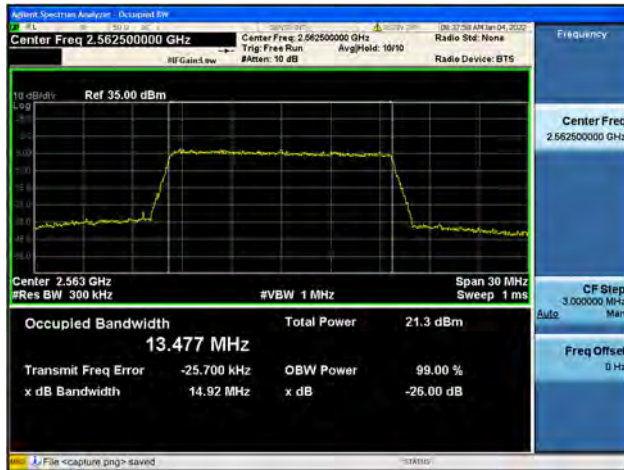
Band7 / 15MHz / High CH / QPSK



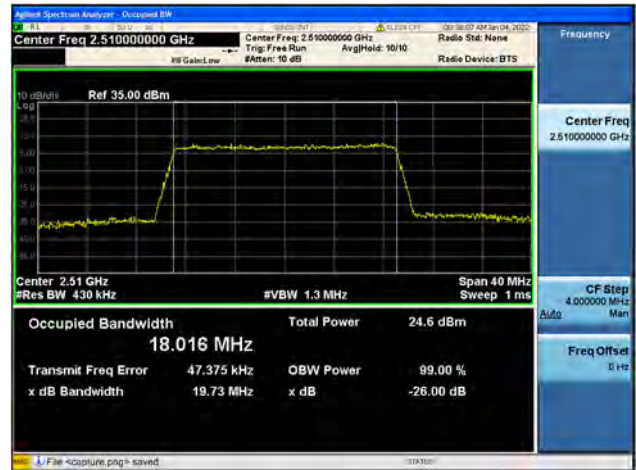
Band7 / 15MHz / High CH / 16QAM



Band7 / 15MHz / High CH / 64QAM



Band7 / 20MHz / Low CH / QPSK



Band7 / 20MHz / Low CH / 16QAM

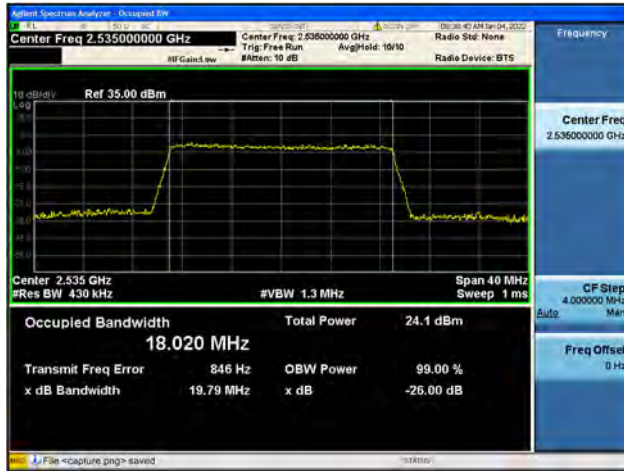


Band7 / 20MHz / Low CH / 64QAM





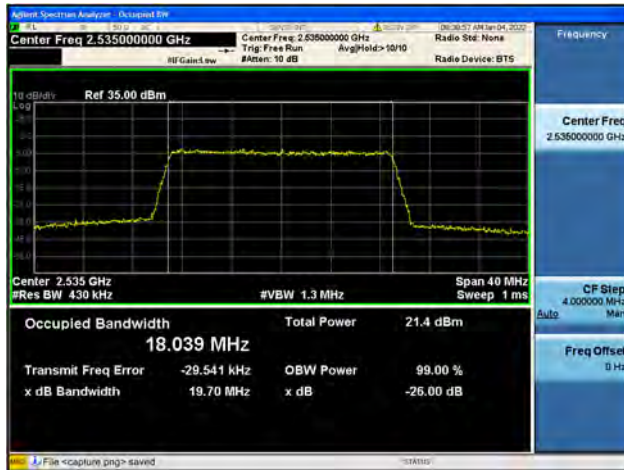
Band7 / 20MHz / Mid CH / QPSK



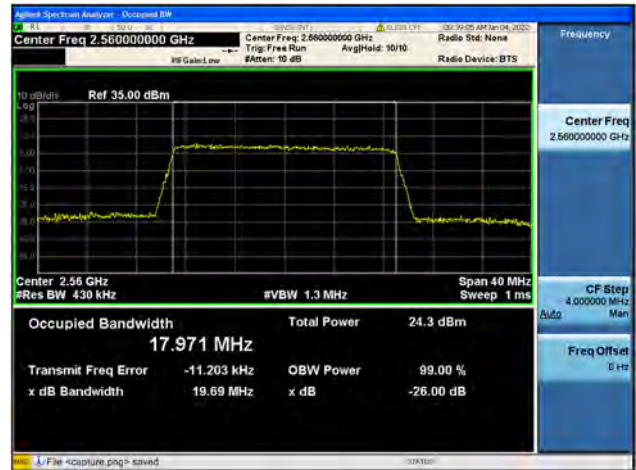
Band7 / 20MHz / Mid CH / 16QAM



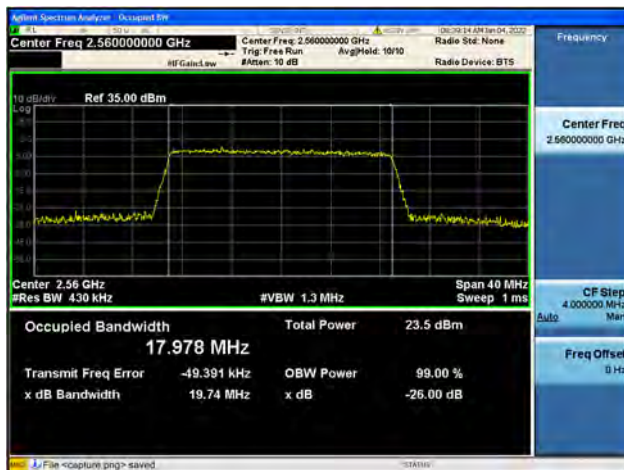
Band7 / 20MHz / Mid CH / 64QAM



Band7 / 20MHz / High CH / QPSK



Band7 / 20MHz / High CH / 16QAM

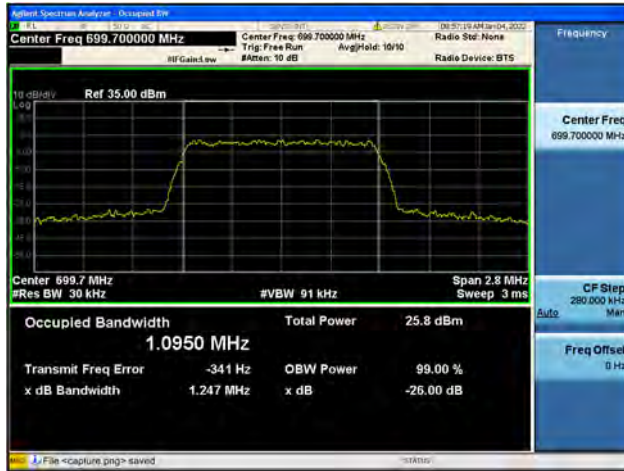


Band7 / 20MHz / High CH / 64QAM

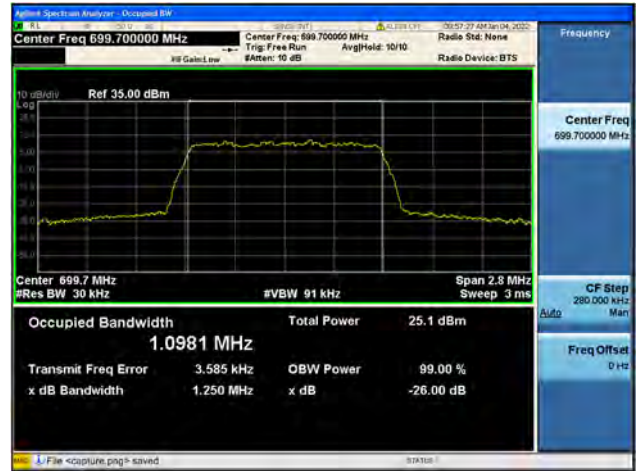




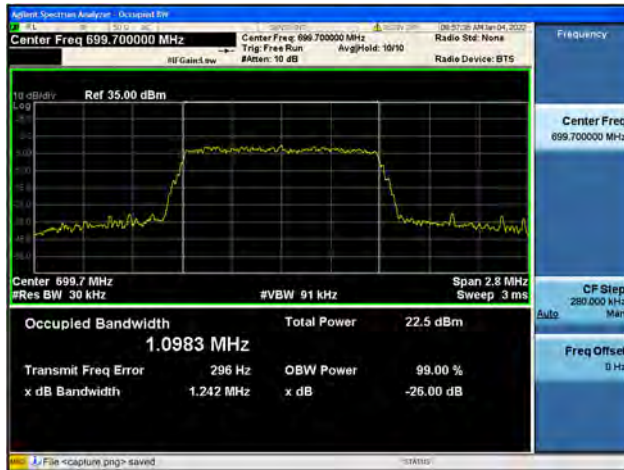
Band12 / 1.4MHz / Low CH / QPSK



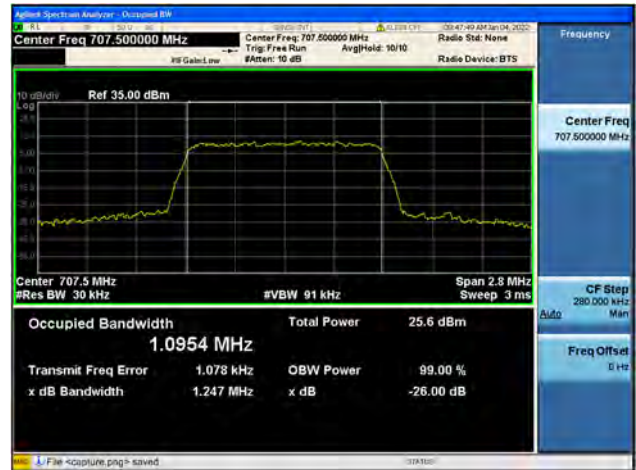
Band12 / 1.4MHz / Low CH / 16QAM



Band12 / 1.4MHz / Low CH / 64QAM



Band12 / 1.4MHz / Mid CH / QPSK



Band12 / 1.4MHz / Mid CH / 16QAM

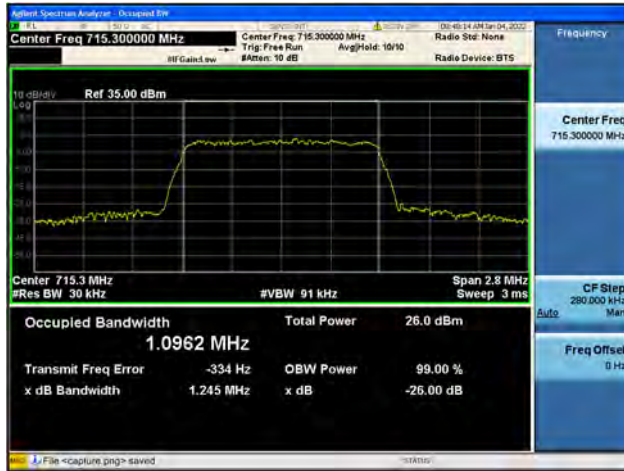


Band12 / 1.4MHz / Mid CH / 64QAM

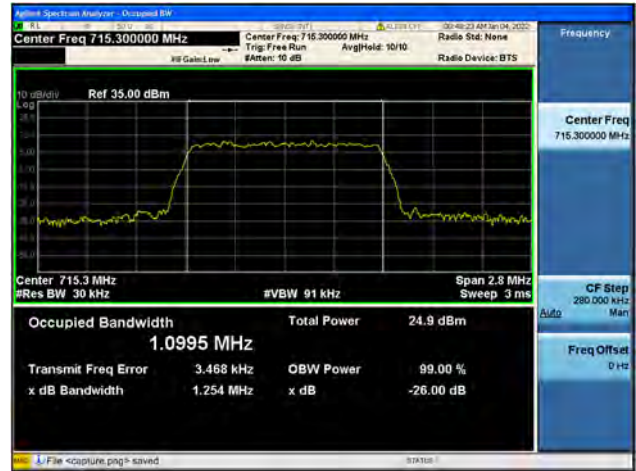




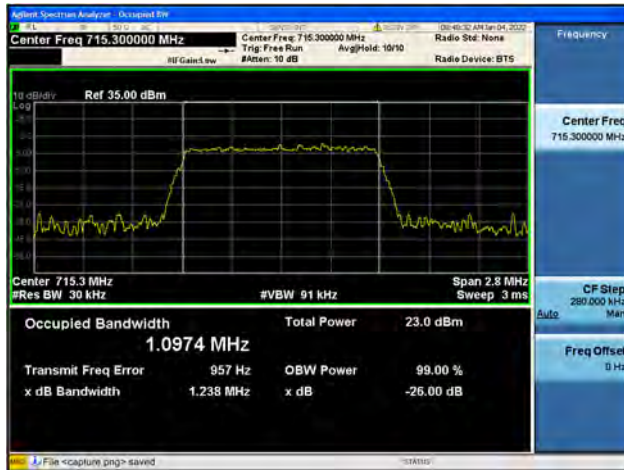
Band12 / 1.4MHz / High CH / QPSK



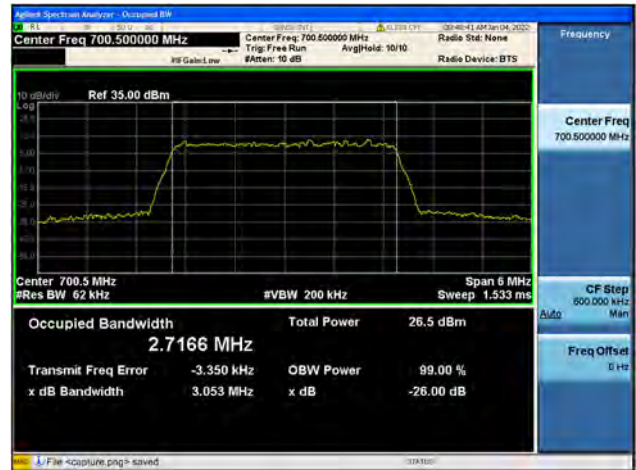
Band12 / 1.4MHz / High CH / 16QAM



Band12 / 1.4MHz / High CH / 64QAM



Band12 / 3MHz / Low CH / QPSK



Band12 / 3MHz / Low CH / 16QAM

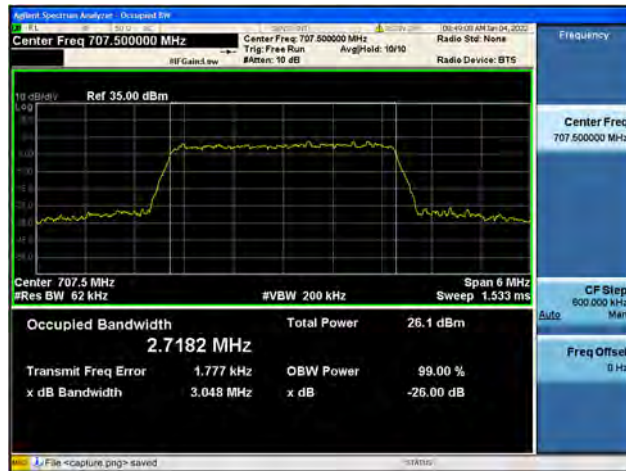


Band12 / 3MHz / Low CH / 64QAM

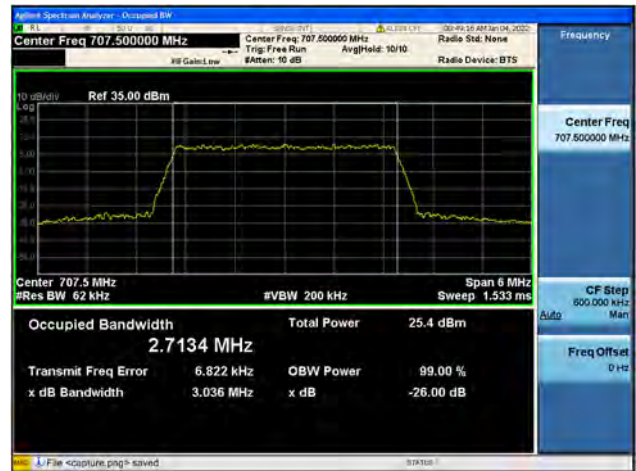




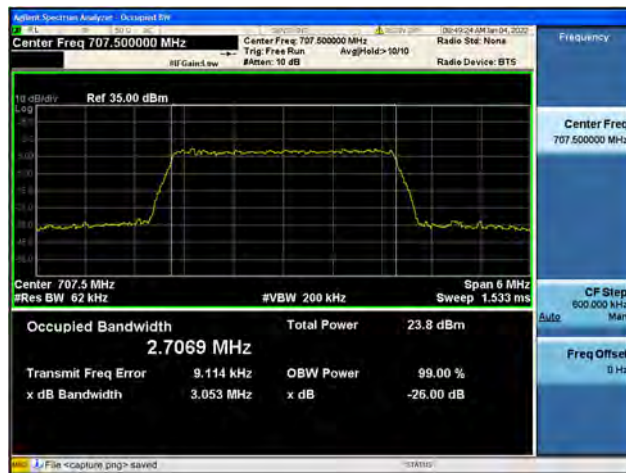
Band12 / 3MHz / Mid CH / QPSK



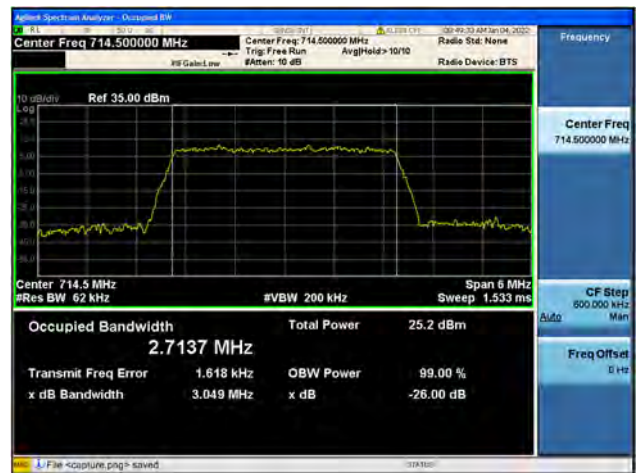
Band12 / 3MHz / Mid CH / 16QAM



Band12 / 3MHz / Mid CH / 64QAM



Band12 / 3MHz / High CH / QPSK



Band12 / 3MHz / High CH / 16QAM

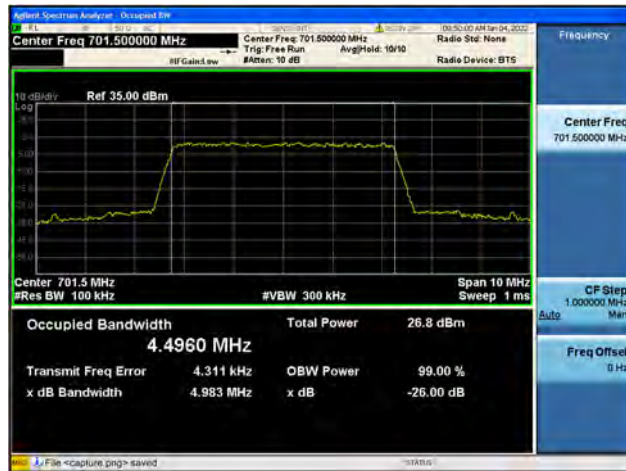


Band12 / 3MHz / High CH / 64QAM

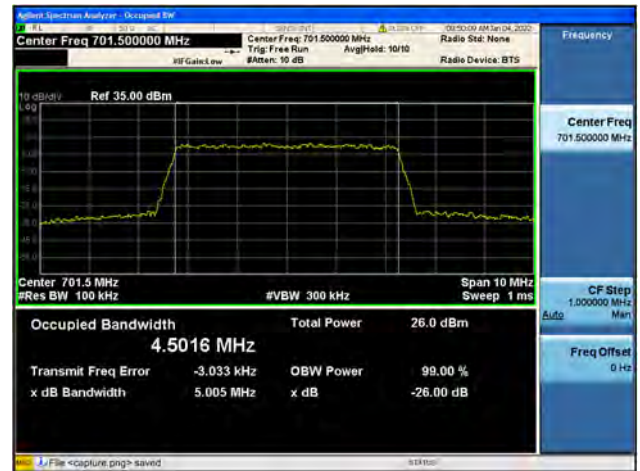




Band12 / 5MHz / Low CH / QPSK



Band12 / 5MHz / Low CH / 16QAM



Band12 / 5MHz / Low CH / 64QAM



Band12 / 5MHz / Mid CH / QPSK



Band12 / 5MHz / Mid CH / 16QAM

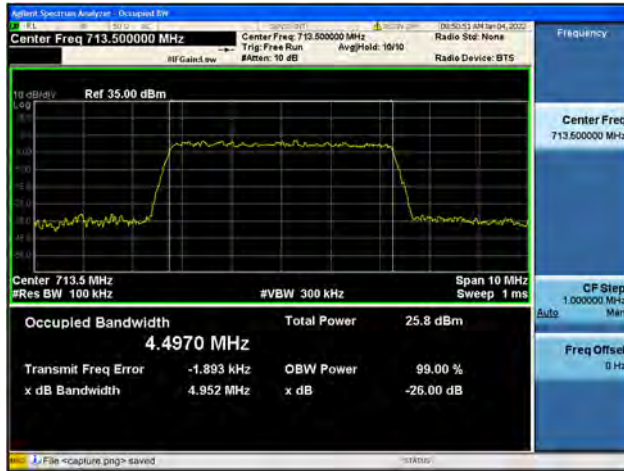


Band12 / 5MHz / Mid CH / 64QAM

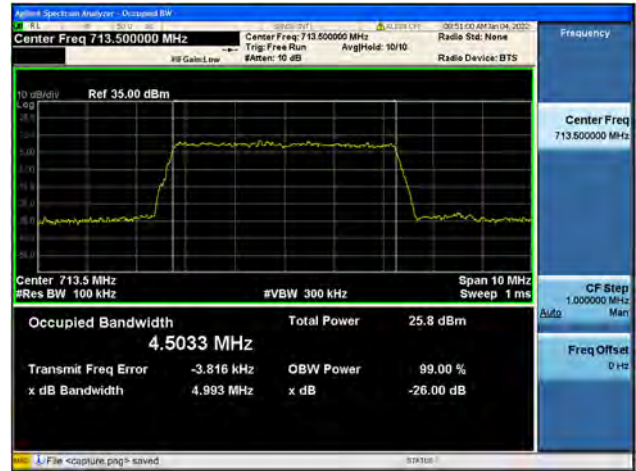




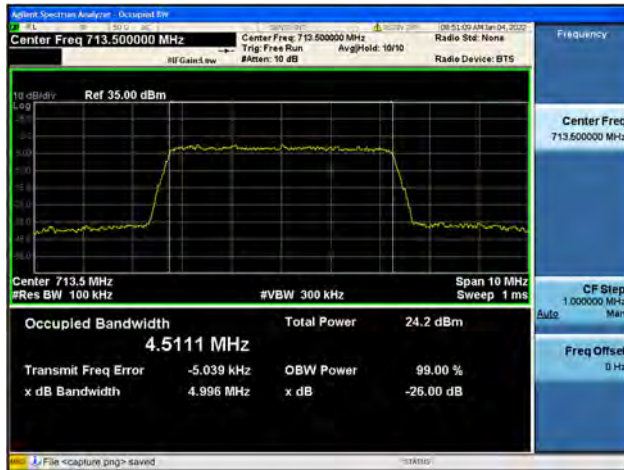
Band12 / 5MHz / High CH / QPSK



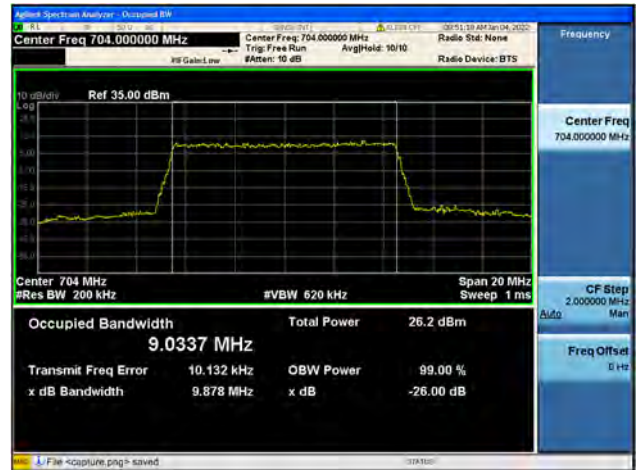
Band12 / 5MHz / High CH / 16QAM



Band12 / 5MHz / High CH / 64QAM



Band12 / 10MHz / Low CH / QPSK



Band12 / 10MHz / Low CH / 16QAM

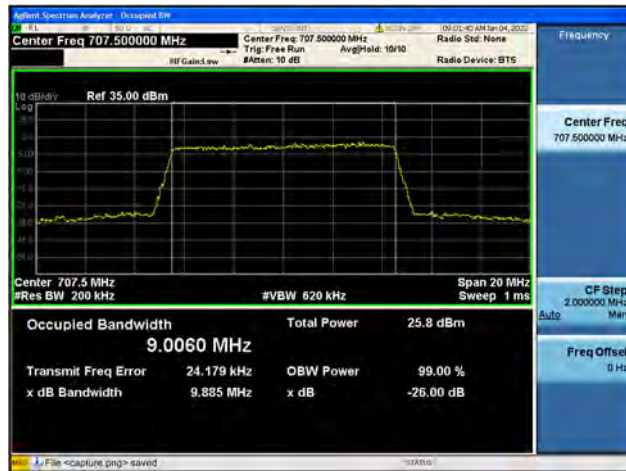


Band12 / 10MHz / Low CH / 64QAM

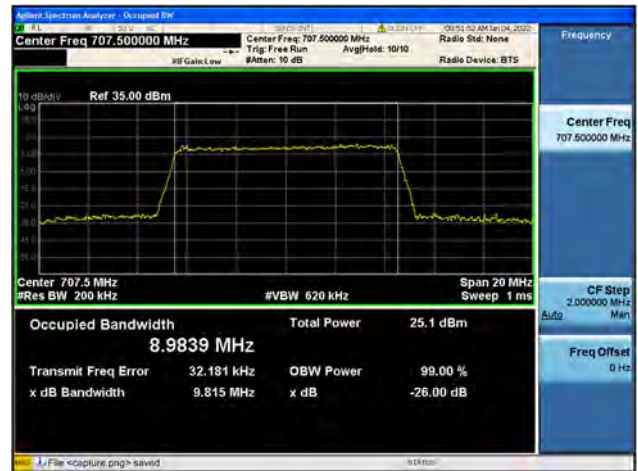




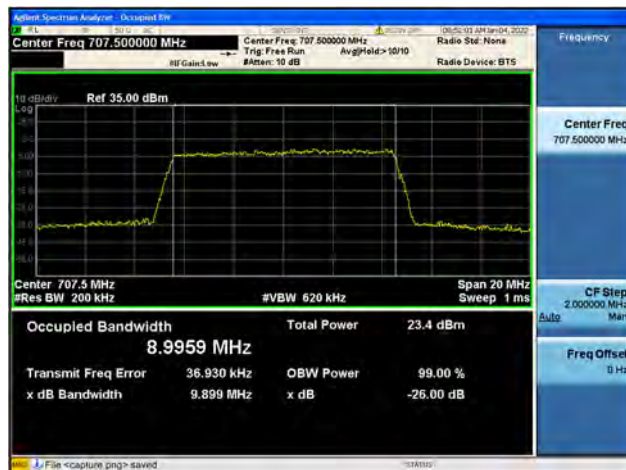
Band12 / 10MHz / Mid CH / QPSK



Band12 / 10MHz / Mid CH / 16QAM



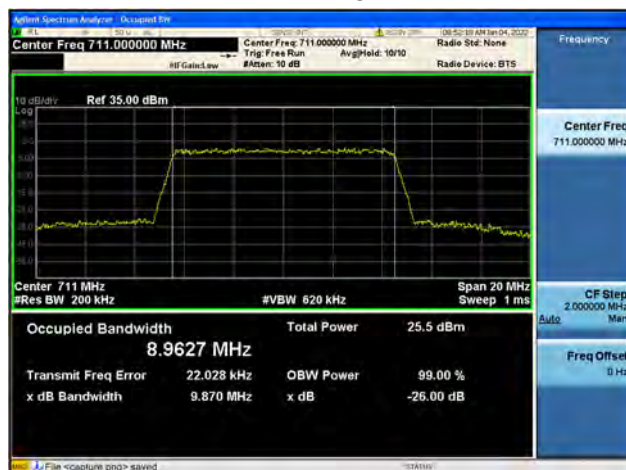
Band12 / 10MHz / Mid CH / 64QAM



Band12 / 10MHz / High CH / QPSK



Band12 / 10MHz / High CH / 16QAM



Band12 / 10MHz / High CH / 64QAM





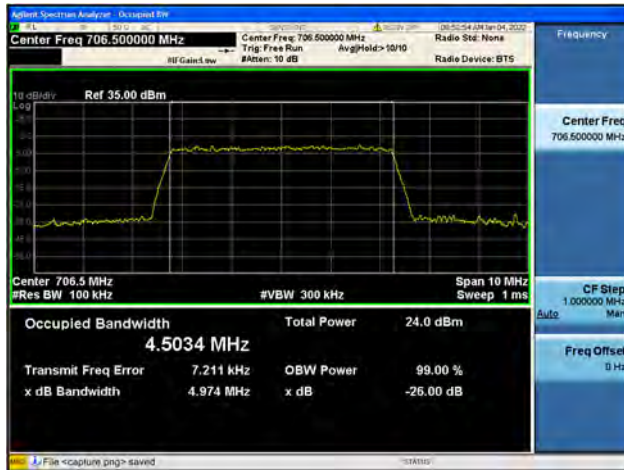
Band17 / 5MHz / Low CH / QPSK



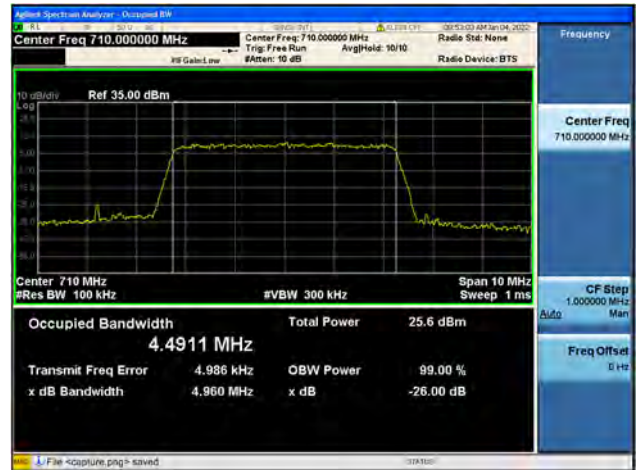
Band17 / 5MHz / Low CH / 16QAM



Band17 / 5MHz / Low CH / 64QAM



Band17 / 5MHz / Mid CH / QPSK



Band17 / 5MHz / Mid CH / 16QAM

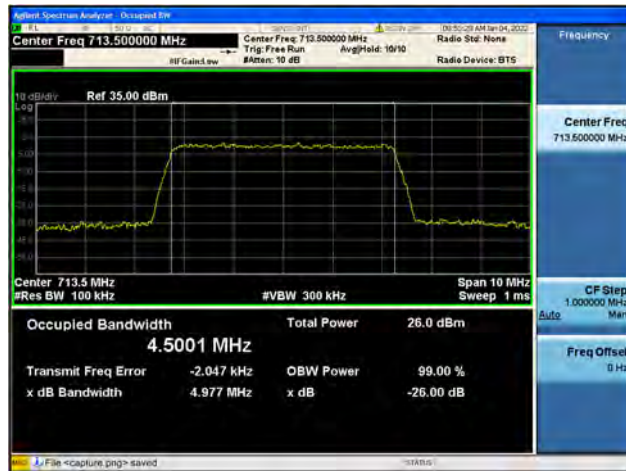


Band17 / 5MHz / Mid CH / 64QAM

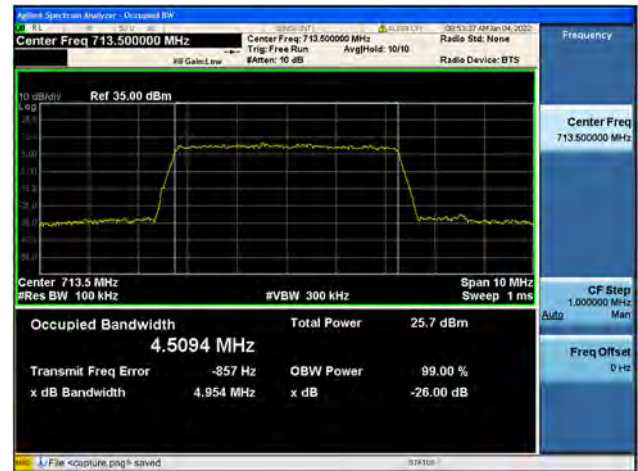




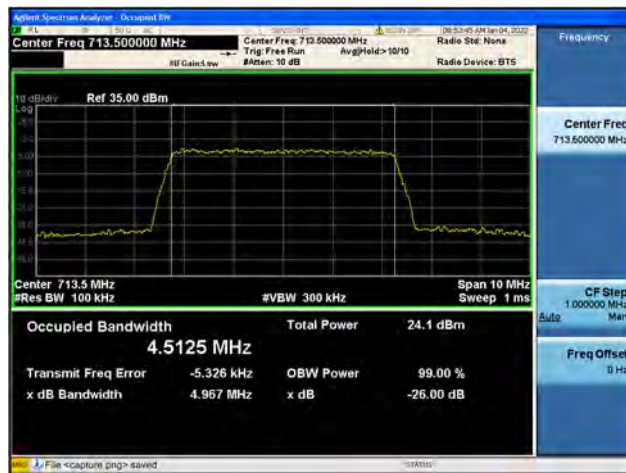
Band17 / 5MHz / High CH / QPSK



Band17 / 5MHz / High CH / 16QAM



Band17 / 5MHz / High CH / 64QAM



Band17 / 10MHz / Low CH / QPSK



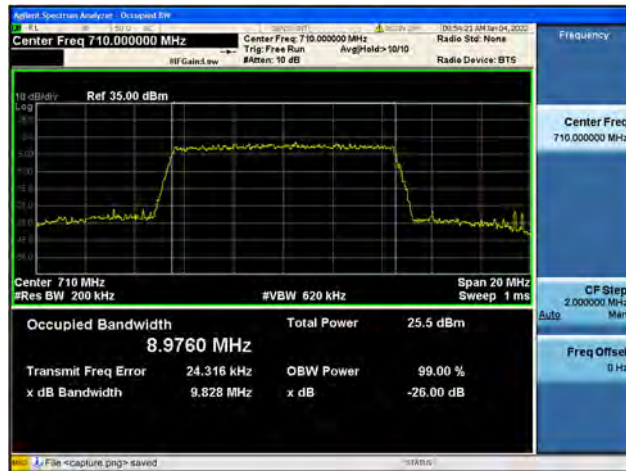
Band17 / 10MHz / Low CH / 16QAM



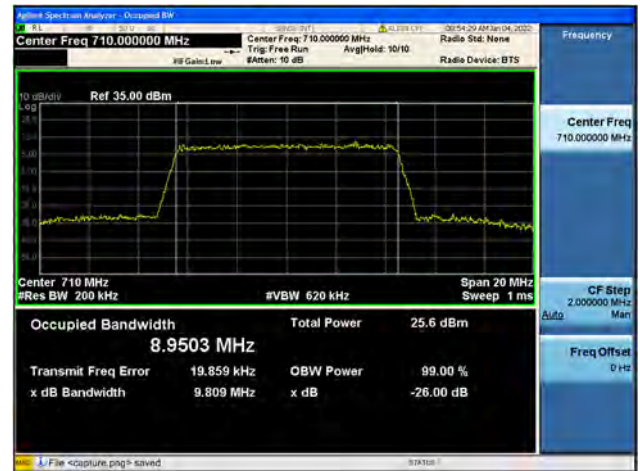
Band17 / 10MHz / Low CH / 64QAM



Band17 / 10MHz / Mid CH / QPSK



Band17 / 10MHz / Mid CH / 16QAM



Band17 / 10MHz / Mid CH / 64QAM



Band17 / 10MHz / High CH / QPSK



Band17 / 10MHz / High CH / 16QAM

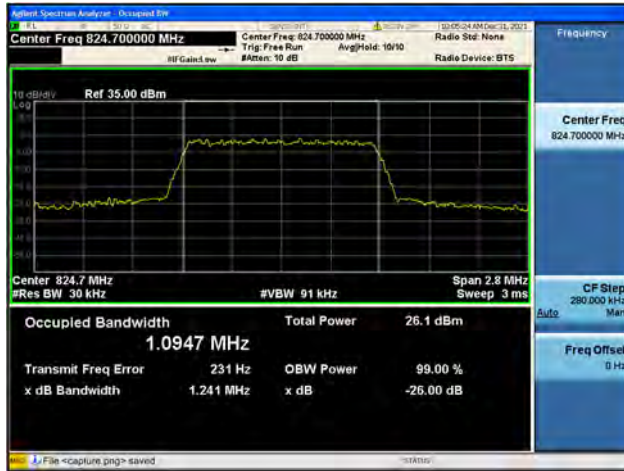


Band17 / 10MHz / High CH / 64QAM

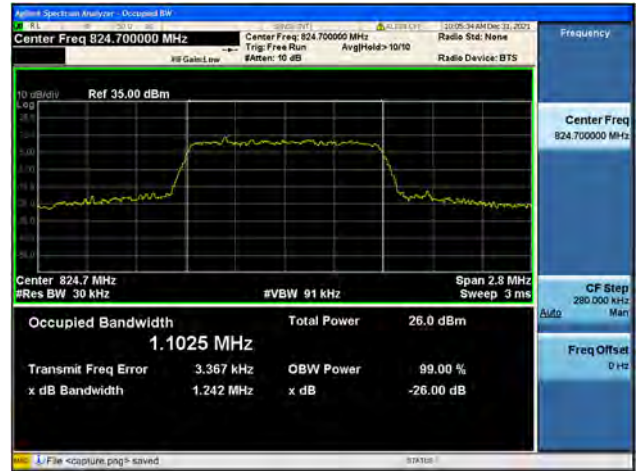




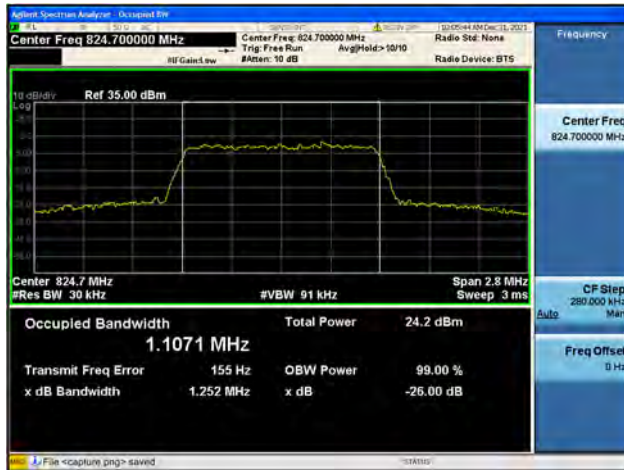
Band26 / 1.4MHz / Low CH / QPSK



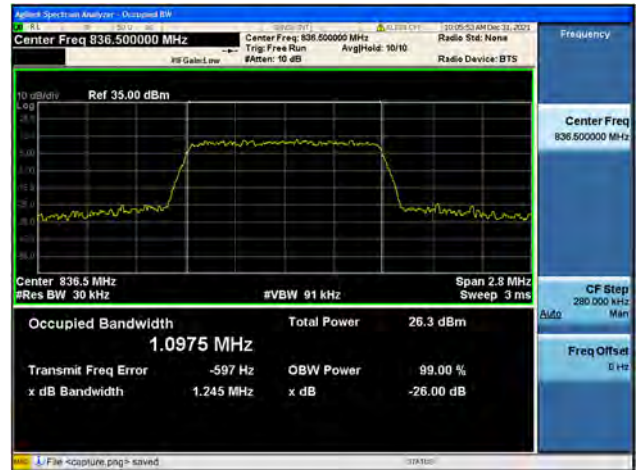
Band26 / 1.4MHz / Low CH / 16QAM



Band26 / 1.4MHz / Low CH / 64QAM



Band26 / 1.4MHz / Mid CH / QPSK



Band26 / 1.4MHz / Mid CH / 16QAM

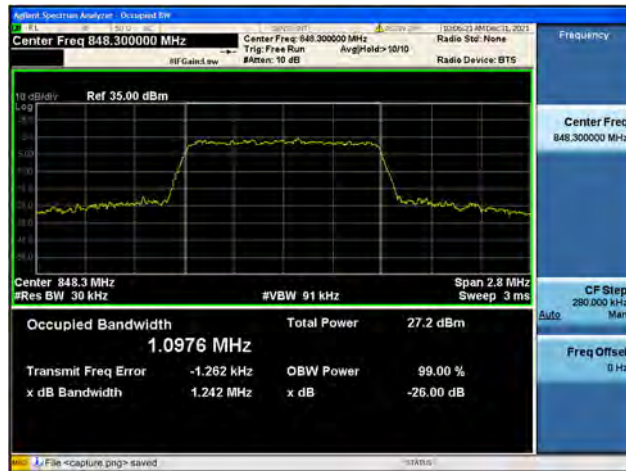


Band26 / 1.4MHz / Mid CH / 64QAM

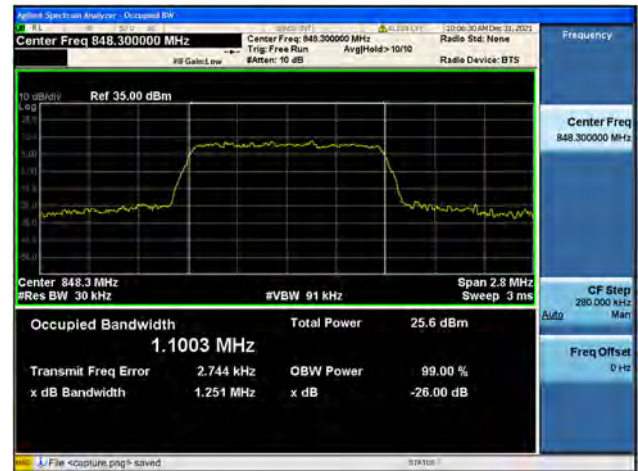




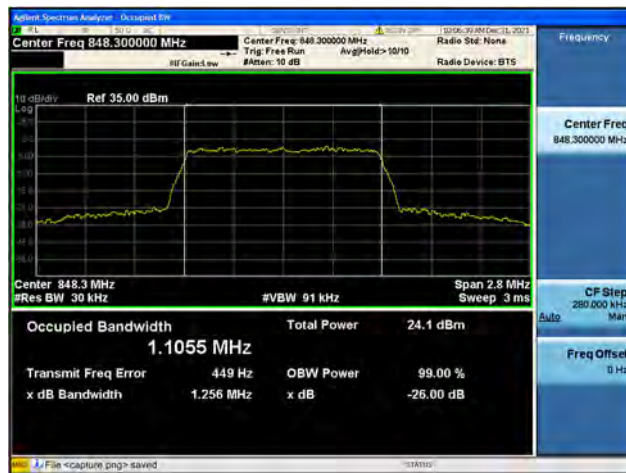
Band26 / 1.4MHz / High CH / QPSK



Band26 / 1.4MHz / High CH / 16QAM



Band26 / 1.4MHz / High CH / 64QAM



Band26 / 3MHz / Low CH / QPSK



Band26 / 3MHz / Low CH / 16QAM

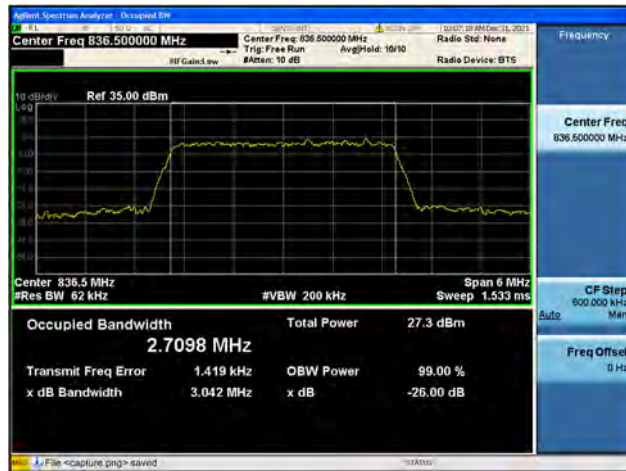


Band26 / 3MHz / Low CH / 64QAM

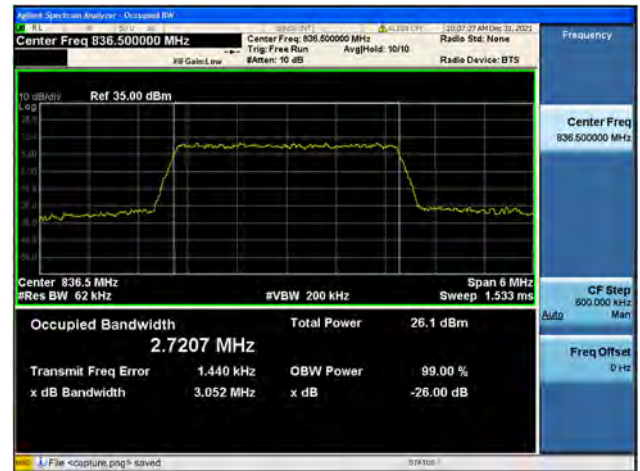




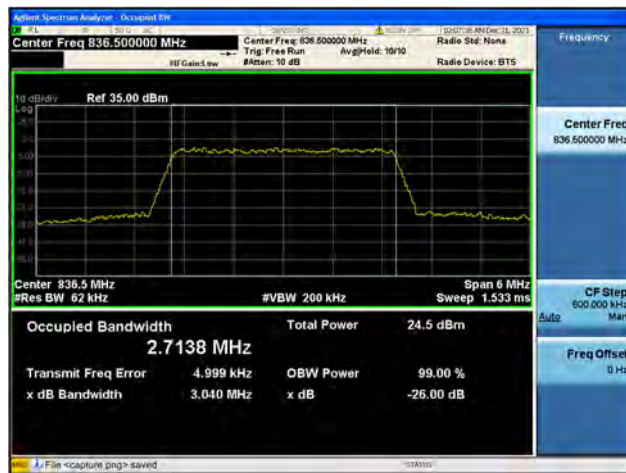
Band26 / 3MHz / Mid CH / QPSK



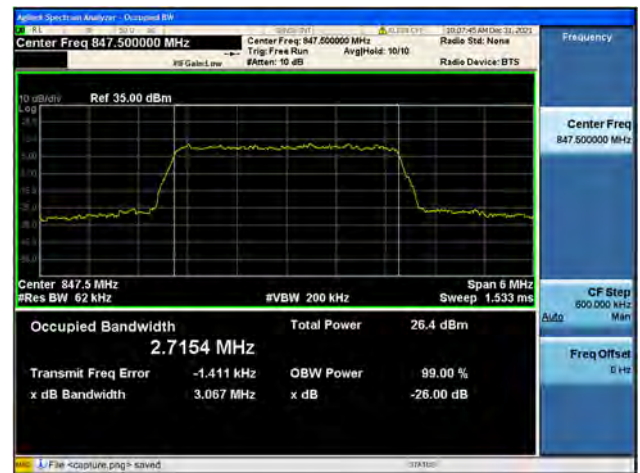
Band26 / 3MHz / Mid CH / 16QAM



Band26 / 3MHz / Mid CH / 64QAM



Band26 / 3MHz / High CH / QPSK



Band26 / 3MHz / High CH / 16QAM

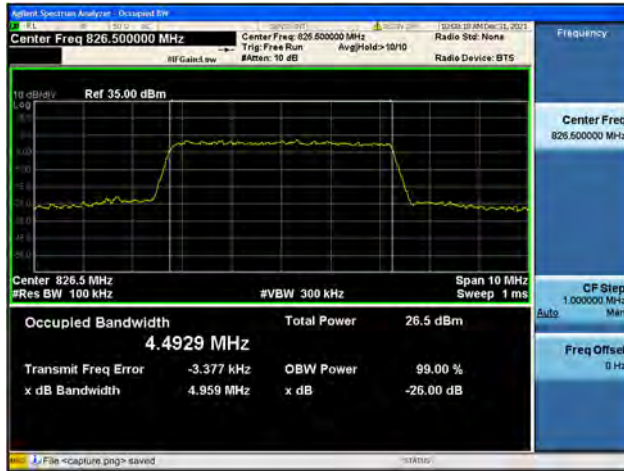


Band26 / 3MHz / High CH / 64QAM





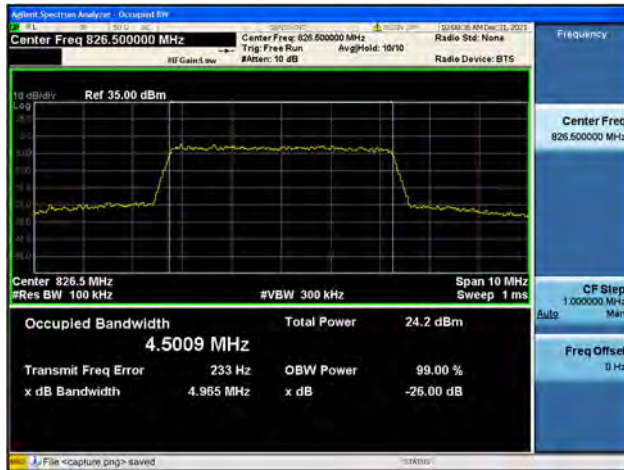
Band26 / 5MHz / Low CH / QPSK



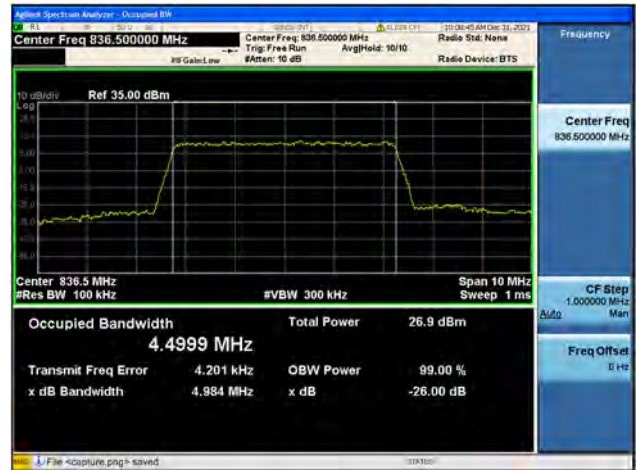
Band26 / 5MHz / Low CH / 16QAM



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

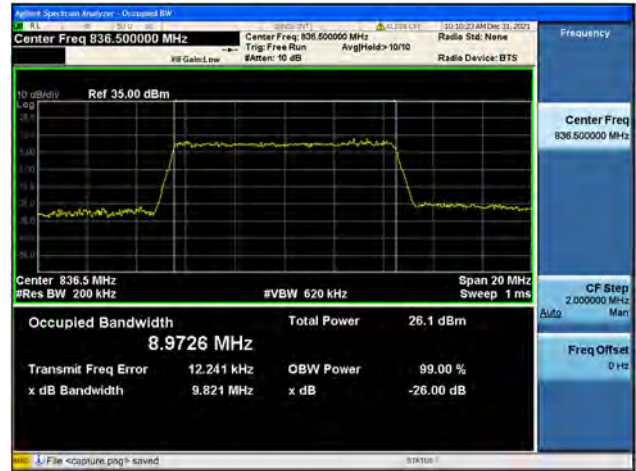




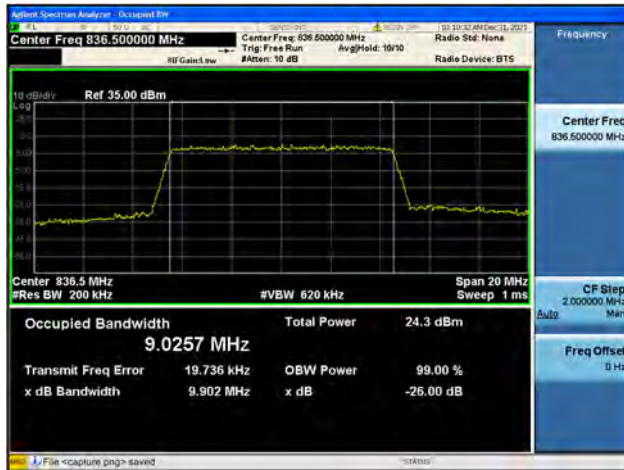
Band26 / 10MHz / Mid CH / QPSK



Band26 / 10MHz / Mid CH / 16QAM



Band26 / 10MHz / Mid CH / 64QAM



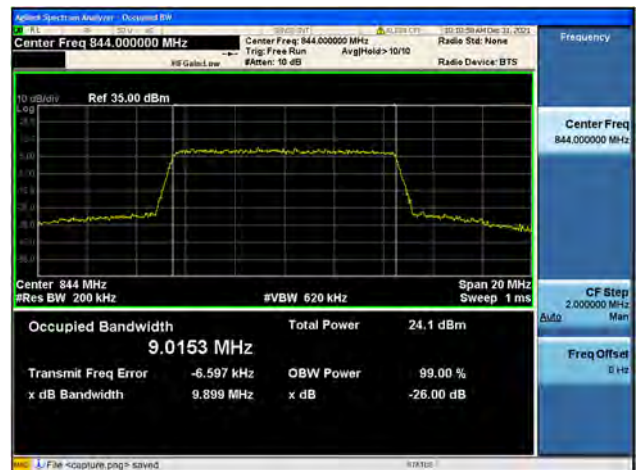
Band26 / 10MHz / High CH / QPSK



Band26 / 10MHz / High CH / 16QAM

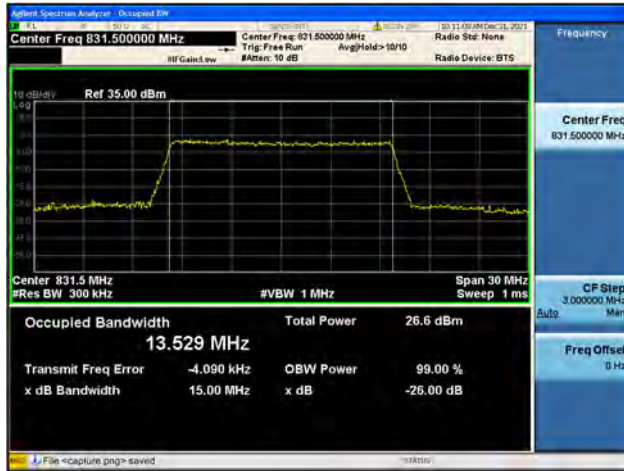


Band26 / 10MHz / High CH / 64QAM





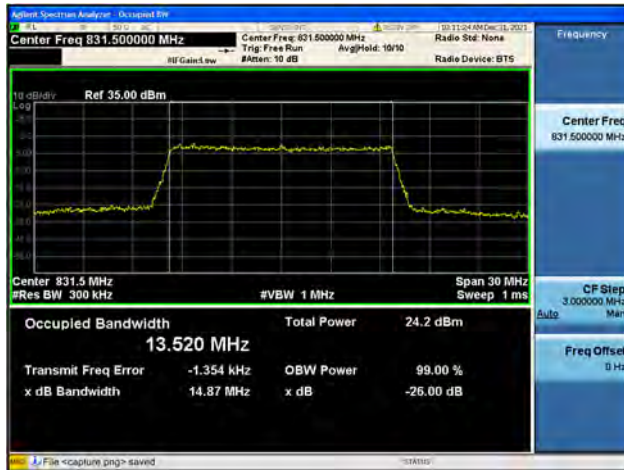
Band26 / 15MHz / Low CH / QPSK



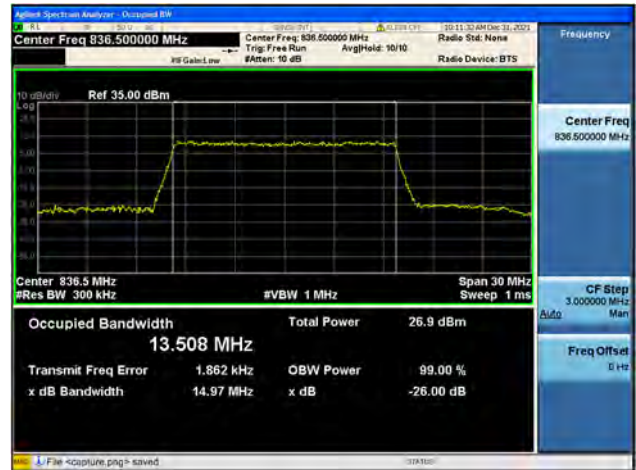
Band26 / 15MHz / Low CH / 16QAM



Band26 / 15MHz / Low CH / 64QAM



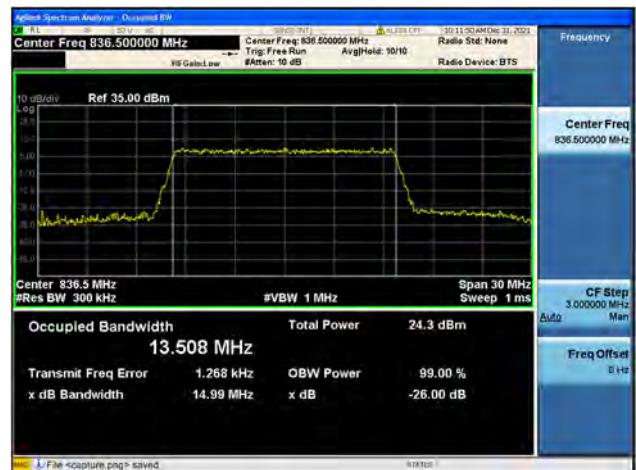
Band26 / 15MHz / Mid CH / QPSK



Band26 / 15MHz / Mid CH / 16QAM



Band26 / 15MHz / Mid CH / 64QAM

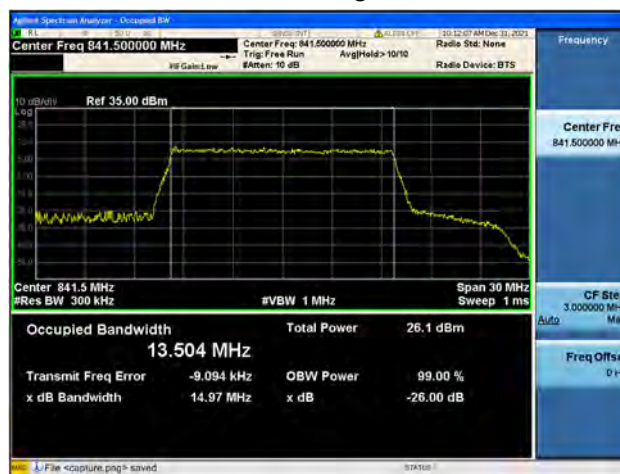




Band26 / 15MHz / High CH / QPSK



Band26 / 15MHz / High CH / 16QAM

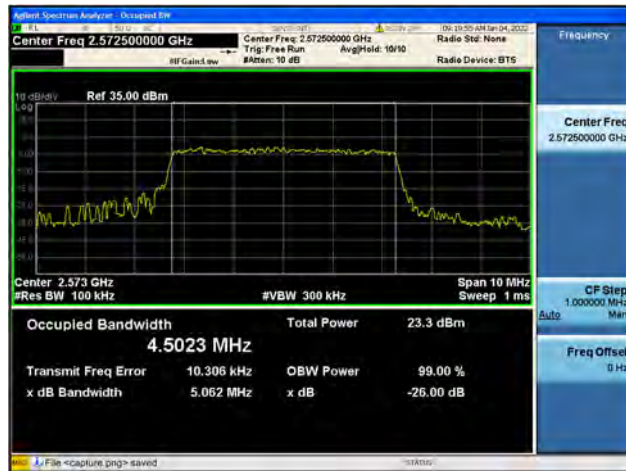


Band26 / 15MHz / High CH / 64QAM

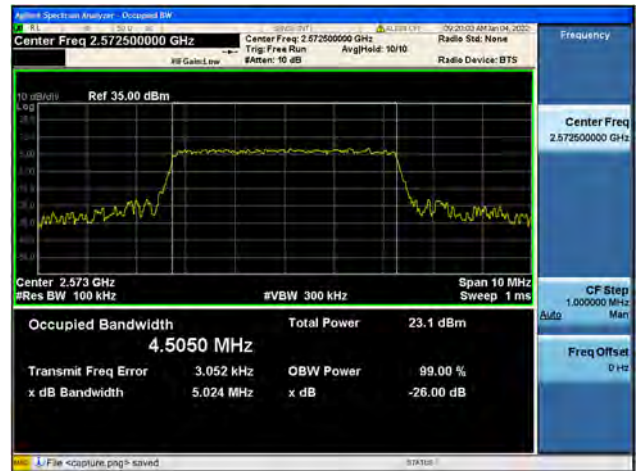




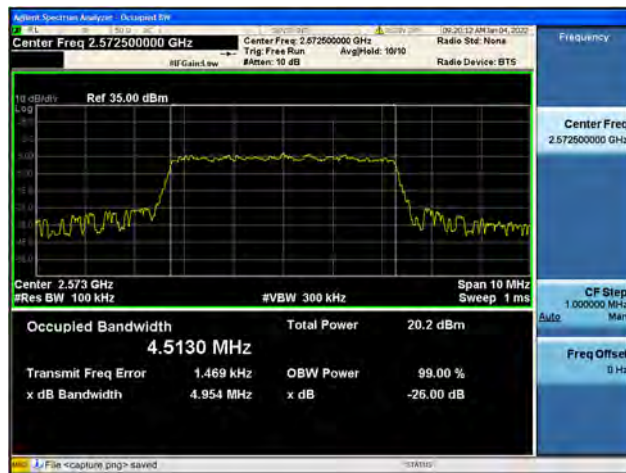
Band38 / 5MHz / Low CH / QPSK



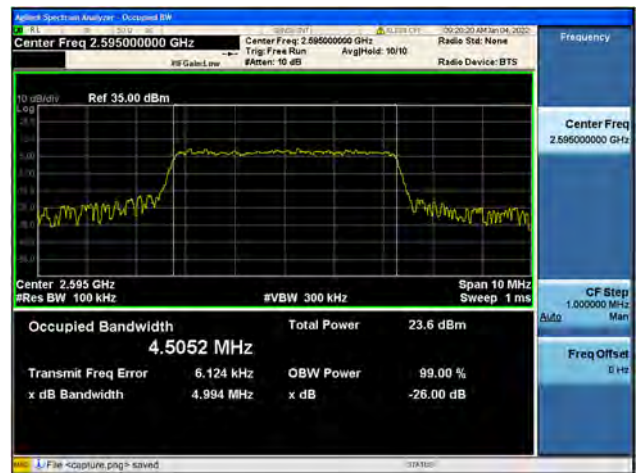
Band38 / 5MHz / Low CH / 16QAM



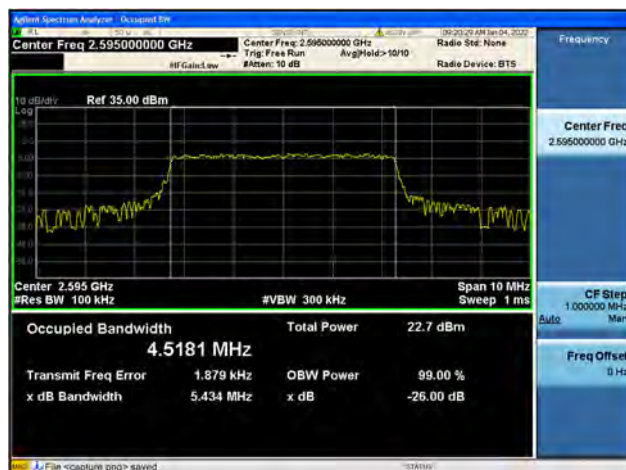
Band38 / 5MHz / Low CH / 64QAM



Band38 / 5MHz / Mid CH / QPSK



Band38 / 5MHz / Mid CH / 16QAM



Band38 / 5MHz / Mid CH / 64QAM

