



TEST REPORT

APPLICANT : Realme Chongqing Mobile
Telecommunications Corp., Ltd.

PRODUCT NAME : Tablet

MODEL NAME : RMP2105

BRAND NAME : realme

FCC ID : 2AUYFRMP2105

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

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Change History		
Version	Date	Reason for change
1.0	2022-03-05	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:	Tablet	
Sample No.:	5#	
Hardware Version:	na500ae_v1.0_20211230	
Software Version:	RMP2105_11.A.01_202201111829	
Modulation Type:	Tablet	
Operation Band:	Band 2 / 4 / 5 / 7 / 12 / 13 / 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 13	Tx: 777MHz–787MHz
		Rx: 746MHz–756MHz
	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
LTE Band 41	Tx: 2535MHz–2655MHz	
	Rx: 2535MHz–2655MHz	
LTE Band 66	Tx: 1710MHz–1780MHz	
	Rx: 2110MHz–2200MHz	
Channel Bandwidth:	LTE Band 2	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
	LTE Band 4	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
	LTE Band 5	1.4MHz, 3MHz, 5MHz, 10MHz
	LTE Band 7	5 MHz, 10MHz, 15MHz, 20MHz
	LTE Band 12	1.4MHz, 3 MHz, 5 MHz, 10MHz
	LTE Band 13	5 MHz, 10MHz
	LTE Band 17	5 MHz, 10MHz
	LTE Band 26	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz
	LTE Band 38	5 MHz, 10MHz, 15MHz, 20MHz
	LTE Band 40	5 MHz, 10MHz
	LTE Band 41	5 MHz, 10MHz, 15MHz, 20MHz
	LTE Band 66	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
Antenna Type:	PIFA Antenna	
Antenna Gain:	LTE Band 2	-2.0dBi
	LTE Band 4	-2.2dBi
	LTE Band 5	-3.5dBi
	LTE Band 7	-1.9dBi
	LTE Band 12	-4.2dBi
	LTE Band 13	-4.1dBi
	LTE Band 17	-4.1dBi
	LTE Band 26	-3.6dBi
	LTE Band 38	-1.8dBi
	LTE Band 40	-2.0dBi
	LTE Band 41	-1.9dBi
	LTE Band 66	-2.2dBi



Accessory Information:	Battery	
	Brand Name:	realme
	Model No.:	BLT003
	Serial No.:	N/A
	Capacity:	Typical: 6400mAh, Rated: 6260mAh
	Rated Voltage:	3.87V
	Charge Limit:	4.45V
	Manufacturer:	Chongqing CosMX Battery Co., Ltd.
	AC Adapter 1	
	Brand Name:	realme
	Model No.:	OP92JAEH
	Serial No.:	N/A
	Rated Output:	5V \Rightarrow 2A or 9V \Rightarrow 2A
	Rated Input:	100-240V \sim 50/60Hz, 0.5A
	Manufacturer:	Huizhou Golden Lake Industrial Co., Ltd.
	AC Adapter 2	
	Brand Name:	realme
	Model No.:	OP92CAEH
	Serial No.:	N/A
	Rated Output:	5V \Rightarrow 2A or 9V \Rightarrow 2A
	Rated Input:	100-240V \sim 50/60Hz, 0.5A
	Manufacturer:	Dongguan YOHO Electronic Technology Co., Ltd.
	AC Adapter 3	
	Brand Name:	realme
	Model No.:	OP92YAEH
	Serial No.:	N/A
	Rated Output:	5V \Rightarrow 2A or 9V \Rightarrow 2A
Rated Input:	100-240V \sim 50/60Hz, 0.5A	
Manufacturer:	Jiangsu Chenyang Electron Co., Ltd.	



Accessory Information:	AC Adapter 4	
	Brand Name:	realme
	Model No.:	OP92YAUH
	Serial No.:	N/A
	Rated Output:	5V \Rightarrow 2A or 9V \Rightarrow 2A
	Rated Input:	100-240V \sim 50/60Hz, 0.5A
	Manufacturer:	Jiangsu Chenyang Electron Co., Ltd.
	AC Adapter 5	
	Brand Name:	realme
	Model No.:	OP92JAUH
	Serial No.:	N/A
	Rated Output:	5V \Rightarrow 2A or 9V \Rightarrow 2A
	Rated Input:	100-240V \sim 50/60Hz, 0.5A
	Manufacturer:	Huizhou Golden Lake Industrial Co., Ltd.
	USB Cable	
	Model No.:	DL143

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	0.131	0.113	0.086	18M0G7D	18M0W7D	18M0W7D
15	0.129	0.112	0.086	13M6G7D	13M5W7D	13M5W7D
10	0.128	0.112	0.085	9M00G7D	8M98W7D	9M03W7D
5	0.127	0.111	0.085	4M51G7D	4M52W7D	4M51W7D
3	0.127	0.110	0.085	2M72G7D	2M72W7D	2M71W7D
1.4	0.129	0.112	0.088	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	0.114	0.099	0.085	18M0G7D	18M0W7D	18M0W7D
15	0.111	0.096	0.083	13M5G7D	13M5W7D	13M5W7D
10	0.111	0.097	0.083	9M03G7D	8M98W7D	9M03W7D
5	0.111	0.097	0.084	4M50G7D	4M50W7D	4M51W7D
3	0.114	0.105	0.082	2M71G7D	2M72W7D	2M72W7D
1.4	0.111	0.103	0.082	1M10G7D	1M12W7D	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	0.053	0.044	0.039	9M03G7D	9M00W7D	9M03W7D
5	0.052	0.043	0.039	4M51G7D	4M51W7D	4M50W7D
3	0.052	0.043	0.038	2M71G7D	2M72W7D	2M71W7D
1.4	0.052	0.045	0.040	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	0.115	0.098	0.077	18M0G7D	18M0W7D	18M1W7D
15	0.110	0.096	0.076	13M5G7D	13M5W7D	13M5W7D
10	0.112	0.097	0.077	9M00G7D	8M99W7D	9M01W7D
5	0.113	0.097	0.076	4M52G7D	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	0.051	0.047	0.035	9M01G7D	8M99W7D	9M03W7D
5	0.051	0.046	0.035	4M50G7D	4M51W7D	4M51W7D
3	0.051	0.046	0.035	2M72G7D	2M72W7D	2M72W7D
1.4	0.050	0.045	0.036	1M10G7D	1M10W7D	1M10W7D



LTE Band 13		Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10		0.052	0.045	0.036	9M04G7D	8M99W7D	9M04W7D
5		0.050	0.044	0.035	4M50G7D	4M51W7D	4M51W7D
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		0.051	0.044	0.036	9M05G7D	8M99W7D	9M02W7D
5		0.051	0.043	0.036	4M52G7D	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		0.051	0.044	0.037	13M6G7D	13M5W7D	13M5W7D
10		0.050	0.043	0.037	9M02G7D	8M99W7D	9M03W7D
5		0.050	0.043	0.037	4M50G7D	4M51W7D	4M52W7D
3		0.050	0.043	0.036	2M72G7D	2M72W7D	2M72W7D
1.4		0.050	0.042	0.038	1M10G7D	1M10W7D	1M10W7D
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		0.121	0.101	0.078	18M0G7D	18M0W7D	18M0W7D
15		0.120	0.099	0.077	13M5G7D	13M5W7D	13M5W7D
10		0.120	0.100	0.077	8M99G7D	8M98W7D	9M00W7D
5		0.120	0.100	0.076	4M53G7D	4M51W7D	4M51W7D
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		0.117	0.091	0.070	8M99G7D	9M00W7D	9M03W7D
5		0.112	0.085	0.070	4M52G7D	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		0.115	0.091	0.074	9M02G7D	8M98W7D	9M01W7D
5		0.114	0.090	0.073	4M50G7D	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		0.131	0.091	0.077	18M0G7D	18M0W7D	18M0W7D
15		0.128	0.090	0.076	13M5G7D	13M5W7D	13M5W7D
10		0.124	0.092	0.077	9M00G7D	8M98W7D	9M01W7D
5		0.126	0.089	0.076	4M51G7D	4M51W7D	4M51W7D



LTE Band 66	Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
	BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM
20	0.119	0.100	0.082	18M0G7D	18M0W7D	18M0W7D
15	0.118	0.099	0.081	13M5G7D	13M5W7D	13M5W7D
10	0.117	0.099	0.081	9M02G7D	8M99W7D	9M02W7D
5	0.117	0.097	0.080	4M50G7D	4M50W7D	4M50W7D
3	0.116	0.097	0.081	2M72G7D	2M72W7D	2M72W7D
1.4	0.117	0.098	0.082	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(b)(10) 27.50(c)(10) 27.50(d)(4) 27.50(h)(2)	Transmitter Conducted Output Power and E.R.P./E.I.R.P.	Feb 28, 2022	Yu Xiaoming Li Huaijie	PASS	No deviation
2.1049	Occupied Bandwidth	Feb 16&17, 2022	Li Huaijie	PASS	No deviation
2.1055 22.355 24.235 27.54	Frequency Stability	Feb 21, 2022	Li Huaijie	PASS	No deviation
24.232(d), 27.50(d)(5)	Peak to Average Radio	Feb 16, 2022	Li Huaijie	PASS	No deviation
2.1051 22.917(a) 24.238(a) 27.53(a)(4) 27.53(c)(2) 27.53(g) 27.53(h) 27.53(m)(4)	Conducted Spurious Emissions	Feb 17&18&21&22, 2022	Li Huaijie	PASS	No deviation



2.1051 22.917(a) 24.238(a) 27.53(a)(4) 27.53(c)(2) 27.53(g) 27.53(h) 27.53(m)(4)	Band Edge	Feb 16, 2022	Li Huaijie	PASS	No deviation
2.1051 22.917(a) 24.238(a) 27.53(a)(4) 27.53(c)(2) 27.53(g) 27.53(h) 27.53(m)(4)	Radiated Spurious Emissions	Feb 19&22, 2022	Gao Jianrou	PASS	No deviation

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

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

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

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

1.5. Environmental Conditions

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

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



2.47 CFR Part 2, Part 22H, Part 24E, Part 27 D&F&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 5/26, the E.R.P. of mobile transmitters and auxiliary test transmitters must not exceed 7 watts.

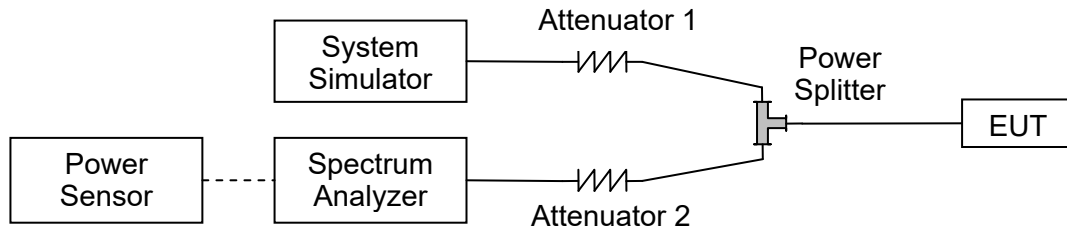
According to FCC section 27.50 (h)(2) for LTE Band 7/38/41, Mobile and other user stations. Mobile stations are limited to 2 watts E.I.R.P. All user stations are limited to 2 watts transmitter output power.

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

According to FCC section 27.50 (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	22.91	23.16	22.96
20	QPSK	1	49	22.88	23.13	22.92
20	QPSK	1	99	22.78	23.12	22.86
20	QPSK	50	0	22.04	22.17	22.04
20	QPSK	50	24	22.03	21.96	22.05
20	QPSK	50	50	21.97	22.12	22.02
20	QPSK	100	0	22.09	22.06	22.16
20	16QAM	1	0	22.45	22.05	22.45
20	16QAM	1	49	22.53	22.20	22.49
20	16QAM	1	99	22.41	22.36	22.44
20	16QAM	50	0	21.10	21.32	21.24
20	16QAM	50	24	21.12	21.26	21.25
20	16QAM	50	50	21.09	21.21	21.10
20	16QAM	100	0	21.17	21.28	21.20
20	64QAM	1	0	21.08	21.15	21.36
20	64QAM	1	49	21.27	21.28	21.13
20	64QAM	1	99	21.05	21.03	21.04
20	64QAM	50	0	20.33	20.16	20.25
20	64QAM	50	24	20.35	20.28	20.30
20	64QAM	50	50	20.19	20.19	20.35
20	64QAM	100	0	20.17	20.21	20.15



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				18675	18900	19125
Frequency (MHz)				1857.5	1880	1902.5
15	QPSK	1	0	22.88	23.10	22.88
15	QPSK	1	37	22.85	23.09	22.84
15	QPSK	1	74	22.75	23.03	22.78
15	QPSK	36	0	22.03	21.98	21.98
15	QPSK	36	20	22.00	21.92	21.97
15	QPSK	36	39	21.94	22.08	21.94
15	QPSK	75	0	22.06	22.02	22.08
15	16QAM	1	0	22.42	22.01	22.37
15	16QAM	1	37	22.50	22.16	22.41
15	16QAM	1	74	22.38	22.32	22.36
15	16QAM	36	0	21.07	21.28	21.16
15	16QAM	36	20	21.09	21.22	21.17
15	16QAM	36	39	21.06	21.17	21.02
15	16QAM	75	0	21.14	21.24	21.12
15	64QAM	1	0	21.05	21.12	21.33
15	64QAM	1	37	21.24	21.25	21.10
15	64QAM	1	74	21.02	21.00	21.01
15	64QAM	36	0	20.30	20.13	20.22
15	64QAM	36	20	20.32	20.25	20.27
15	64QAM	36	39	20.16	20.16	20.32
15	64QAM	75	0	20.14	20.18	20.12



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	22.89	23.08	22.91
10	QPSK	1	25	22.83	23.03	22.87
10	QPSK	1	49	22.73	23.06	22.81
10	QPSK	25	0	22.01	21.96	21.99
10	QPSK	25	12	21.98	21.90	22.00
10	QPSK	25	25	21.92	22.06	21.97
10	QPSK	50	0	22.04	22.00	22.13
10	16QAM	1	0	22.40	21.99	22.40
10	16QAM	1	25	22.48	22.14	22.44
10	16QAM	1	49	22.36	22.30	22.39
10	16QAM	25	0	21.05	21.26	21.19
10	16QAM	25	12	21.07	21.20	21.20
10	16QAM	25	25	21.04	21.15	21.05
10	16QAM	50	0	21.12	21.22	21.15
10	64QAM	1	0	21.03	21.10	21.31
10	64QAM	1	25	21.22	21.23	21.08
10	64QAM	1	49	21.00	20.98	20.99
10	64QAM	25	0	20.28	20.11	20.20
10	64QAM	25	12	20.30	20.23	20.25
10	64QAM	25	25	20.14	20.14	20.30
10	64QAM	50	0	20.12	20.16	20.10



LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18625	18900	19175
Frequency (MHz)				1852.5	1880	1907.5
5	QPSK	1	0	22.75	23.03	22.87
5	QPSK	1	12	22.79	23.00	22.83
5	QPSK	1	24	22.69	22.98	22.77
5	QPSK	12	0	21.97	21.92	21.95
5	QPSK	12	7	21.94	21.88	21.96
5	QPSK	12	13	21.88	22.06	21.93
5	QPSK	25	0	22.00	21.98	22.07
5	16QAM	1	0	22.38	21.97	22.38
5	16QAM	1	12	22.44	22.12	22.40
5	16QAM	1	24	22.32	22.28	22.35
5	16QAM	12	0	21.01	21.24	21.15
5	16QAM	12	7	21.03	21.18	21.16
5	16QAM	12	13	21.00	21.13	21.01
5	16QAM	25	0	21.08	21.20	21.11
5	64QAM	1	0	21.01	21.08	21.29
5	64QAM	1	12	21.20	21.21	21.06
5	64QAM	1	24	20.98	20.96	20.97
5	64QAM	12	0	20.26	20.09	20.18
5	64QAM	12	7	20.28	20.21	20.23
5	64QAM	12	13	20.12	20.12	20.28
5	64QAM	25	0	20.10	20.14	20.08



LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18615	18900	19185
Frequency (MHz)				1851.5	1880	1908.5
3	QPSK	1	0	22.80	23.04	22.85
3	QPSK	1	8	22.77	23.02	22.81
3	QPSK	1	14	22.67	22.99	22.75
3	QPSK	8	0	21.95	21.89	21.93
3	QPSK	8	4	21.92	21.83	21.94
3	QPSK	8	7	21.88	21.99	21.93
3	QPSK	15	0	21.98	21.95	22.05
3	16QAM	1	0	22.34	21.92	22.34
3	16QAM	1	8	22.42	22.07	22.38
3	16QAM	1	14	22.30	22.23	22.33
3	16QAM	8	0	20.99	21.19	21.13
3	16QAM	8	4	21.01	21.13	21.14
3	16QAM	8	7	20.98	21.08	20.99
3	16QAM	15	0	21.06	21.15	21.09
3	64QAM	1	0	20.99	21.06	21.27
3	64QAM	1	8	21.18	21.19	21.04
3	64QAM	1	14	20.96	20.94	20.95
3	64QAM	8	0	20.24	20.07	20.16
3	64QAM	8	4	20.26	20.19	20.21
3	64QAM	8	7	20.10	20.10	20.26
3	64QAM	15	0	20.08	20.12	20.06



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	22.84	23.09	22.89
1.4	QPSK	1	3	22.81	23.08	22.85
1.4	QPSK	1	5	22.71	23.05	22.79
1.4	QPSK	3	0	22.08	22.06	22.08
1.4	QPSK	3	1	22.09	22.02	22.09
1.4	QPSK	3	3	22.01	22.16	22.06
1.4	QPSK	6	0	22.02	21.99	22.09
1.4	16QAM	1	0	22.38	21.98	22.38
1.4	16QAM	1	3	22.48	22.13	22.42
1.4	16QAM	1	5	22.34	22.29	22.39
1.4	16QAM	3	0	21.03	21.25	21.17
1.4	16QAM	3	1	21.05	21.19	21.18
1.4	16QAM	3	3	21.02	21.14	21.03
1.4	16QAM	6	0	21.19	21.30	21.22
1.4	64QAM	1	0	21.17	21.24	21.45
1.4	64QAM	1	3	21.36	21.37	21.22
1.4	64QAM	1	5	21.14	21.12	21.13
1.4	64QAM	3	0	20.42	20.25	20.34
1.4	64QAM	3	1	20.44	20.37	20.39
1.4	64QAM	3	3	20.28	20.28	20.44
1.4	64QAM	6	0	20.26	20.30	20.24



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20050	20175	20300
Frequency (MHz)				1720	1732.5	1745
20	QPSK	1	0	22.76	22.78	22.71
20	QPSK	1	49	22.74	22.64	22.74
20	QPSK	1	99	22.72	22.77	22.67
20	QPSK	50	0	21.85	21.88	21.82
20	QPSK	50	24	21.70	21.78	21.86
20	QPSK	50	50	21.77	21.71	21.75
20	QPSK	100	0	21.83	21.76	21.78
20	16QAM	1	0	21.69	21.93	22.16
20	16QAM	1	49	21.70	21.97	22.04
20	16QAM	1	99	21.68	21.94	22.05
20	16QAM	50	0	21.02	20.97	21.10
20	16QAM	50	24	20.97	21.06	21.07
20	16QAM	50	50	21.05	21.03	21.05
20	16QAM	100	0	20.88	21.00	21.09
20	64QAM	1	0	21.26	21.47	21.11
20	64QAM	1	49	21.21	21.31	21.34
20	64QAM	1	99	21.35	21.20	21.24
20	64QAM	50	0	20.43	20.24	20.38
20	64QAM	50	24	20.54	20.25	20.42
20	64QAM	50	50	20.36	20.30	20.23
20	64QAM	100	0	20.17	20.29	20.28



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	22.64	22.67	22.63
15	QPSK	1	37	22.63	22.56	22.66
15	QPSK	1	74	22.61	22.63	22.64
15	QPSK	36	0	21.74	21.70	21.79
15	QPSK	36	20	21.59	21.80	21.83
15	QPSK	36	39	21.66	21.63	21.72
15	QPSK	75	0	21.72	21.68	21.75
15	16QAM	1	0	21.58	21.85	22.03
15	16QAM	1	37	21.59	21.89	22.01
15	16QAM	1	74	21.57	21.86	22.02
15	16QAM	36	0	20.94	20.86	21.02
15	16QAM	36	20	20.89	20.95	20.99
15	16QAM	36	39	20.97	20.92	20.97
15	16QAM	75	0	20.80	20.89	21.01
15	64QAM	1	0	21.19	21.40	21.04
15	64QAM	1	37	21.14	21.24	21.27
15	64QAM	1	74	21.28	21.13	21.17
15	64QAM	36	0	20.36	20.17	20.31
15	64QAM	36	20	20.47	20.18	20.35
15	64QAM	36	39	20.29	20.23	20.16
15	64QAM	75	0	20.10	20.22	20.21



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	22.64	22.66	22.59
10	QPSK	1	25	22.62	22.52	22.62
10	QPSK	1	49	22.60	22.65	22.55
10	QPSK	25	0	21.78	21.73	21.75
10	QPSK	25	12	21.63	21.83	21.79
10	QPSK	25	25	21.70	21.66	21.68
10	QPSK	50	0	21.76	21.71	21.71
10	16QAM	1	0	21.62	21.88	22.09
10	16QAM	1	25	21.63	21.92	21.97
10	16QAM	1	49	21.61	21.89	21.98
10	16QAM	25	0	20.95	20.92	21.03
10	16QAM	25	12	20.90	21.01	21.00
10	16QAM	25	25	20.98	20.98	20.98
10	16QAM	50	0	20.81	20.95	21.02
10	64QAM	1	0	21.17	21.38	21.02
10	64QAM	1	25	21.12	21.22	21.25
10	64QAM	1	49	21.26	21.11	21.15
10	64QAM	25	0	20.34	20.15	20.29
10	64QAM	25	12	20.45	20.16	20.33
10	64QAM	25	25	20.27	20.21	20.14
10	64QAM	50	0	20.08	20.20	20.19



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				19975	20175	20375
Frequency (MHz)				1712.5	1732.5	1752.5
5	QPSK	1	0	22.63	22.65	22.58
5	QPSK	1	12	22.65	22.51	22.65
5	QPSK	1	24	22.59	22.61	22.54
5	QPSK	12	0	21.80	21.69	21.77
5	QPSK	12	7	21.61	21.79	21.77
5	QPSK	12	13	21.72	21.62	21.66
5	QPSK	25	0	21.74	21.71	21.69
5	16QAM	1	0	21.60	21.84	22.07
5	16QAM	1	12	21.61	21.88	21.95
5	16QAM	1	24	21.59	21.85	21.96
5	16QAM	12	0	20.93	20.88	21.01
5	16QAM	12	7	20.88	20.97	20.98
5	16QAM	12	13	20.96	20.94	20.96
5	16QAM	25	0	20.79	20.91	21.00
5	64QAM	1	0	21.22	21.43	21.07
5	64QAM	1	12	21.17	21.27	21.30
5	64QAM	1	24	21.31	21.16	21.20
5	64QAM	12	0	20.39	20.20	20.34
5	64QAM	12	7	20.50	20.21	20.38
5	64QAM	12	13	20.32	20.26	20.19
5	64QAM	25	0	20.13	20.25	20.24



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				19965	20175	20385
Frequency (MHz)				1711.5	1732.5	1753.5
3	QPSK	1	0	22.70	22.76	22.65
3	QPSK	1	8	22.68	22.62	22.68
3	QPSK	1	14	22.66	22.70	22.61
3	QPSK	8	0	21.79	21.76	21.76
3	QPSK	8	4	21.64	21.86	21.80
3	QPSK	8	7	21.71	21.69	21.69
3	QPSK	15	0	21.77	21.74	21.72
3	16QAM	1	0	21.93	22.19	22.40
3	16QAM	1	8	21.94	22.25	22.28
3	16QAM	1	14	21.92	22.22	22.29
3	16QAM	8	0	20.96	20.95	21.04
3	16QAM	8	4	20.91	21.04	21.01
3	16QAM	8	7	20.99	21.01	20.99
3	16QAM	15	0	20.82	20.98	21.03
3	64QAM	1	0	21.15	21.36	21.00
3	64QAM	1	8	21.10	21.20	21.23
3	64QAM	1	14	21.24	21.09	21.13
3	64QAM	8	0	20.32	20.13	20.27
3	64QAM	8	4	20.43	20.14	20.31
3	64QAM	8	7	20.25	20.19	20.12
3	64QAM	15	0	20.06	20.18	20.17



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				19957	20175	20393
Frequency (MHz)				1710.7	1732.5	1754.3
1.4	QPSK	1	0	22.64	22.66	22.59
1.4	QPSK	1	3	22.62	22.52	22.62
1.4	QPSK	1	5	22.60	22.65	22.55
1.4	QPSK	3	0	21.73	21.66	21.70
1.4	QPSK	3	1	21.58	21.76	21.74
1.4	QPSK	3	3	21.65	21.59	21.63
1.4	QPSK	6	0	21.71	21.64	21.66
1.4	16QAM	1	0	21.87	22.11	22.34
1.4	16QAM	1	3	21.88	22.15	22.22
1.4	16QAM	1	5	21.86	22.12	22.23
1.4	16QAM	3	0	20.90	20.85	20.98
1.4	16QAM	3	1	20.85	20.94	20.95
1.4	16QAM	3	3	20.93	20.91	20.93
1.4	16QAM	6	0	20.83	20.95	21.04
1.4	64QAM	1	0	21.13	21.34	20.98
1.4	64QAM	1	3	21.08	21.18	21.21
1.4	64QAM	1	5	21.22	21.07	21.11
1.4	64QAM	3	0	20.30	20.11	20.25
1.4	64QAM	3	1	20.41	20.12	20.29
1.4	64QAM	3	3	20.23	20.17	20.10
1.4	64QAM	6	0	20.04	20.16	20.15



LTE Band 5						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20450	20525	20600
Frequency (MHz)				829	836.5	844
10	QPSK	1	0	22.83	22.89	22.87
10	QPSK	1	25	22.87	22.86	22.83
10	QPSK	1	49	22.86	22.83	22.88
10	QPSK	25	0	21.73	21.84	21.81
10	QPSK	25	12	21.78	21.81	21.83
10	QPSK	25	25	21.76	21.78	21.66
10	QPSK	50	0	21.62	21.78	21.79
10	16QAM	1	0	22.01	22.06	22.02
10	16QAM	1	25	21.87	21.94	21.99
10	16QAM	1	49	21.97	21.79	21.73
10	16QAM	25	0	21.62	21.27	21.24
10	16QAM	25	12	21.13	21.25	21.25
10	16QAM	25	25	21.14	21.32	21.36
10	16QAM	50	0	21.01	21.22	21.01
10	64QAM	1	0	21.23	21.28	21.26
10	64QAM	1	25	21.33	21.44	21.33
10	64QAM	1	49	21.54	21.37	21.52
10	64QAM	25	0	20.33	19.97	20.08
10	64QAM	25	12	20.30	20.35	19.94
10	64QAM	25	25	20.20	20.23	20.17
10	64QAM	50	0	19.95	20.13	20.05



LTE Band 5						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20425	20525	20625
Frequency (MHz)				826.5	836.5	846.5
5	QPSK	1	0	22.72	22.80	22.76
5	QPSK	1	12	22.76	22.78	22.72
5	QPSK	1	24	22.75	22.75	22.77
5	QPSK	12	0	21.62	21.63	21.70
5	QPSK	12	7	21.67	21.73	21.72
5	QPSK	12	13	21.65	21.70	21.55
5	QPSK	25	0	21.51	21.70	21.68
5	16QAM	1	0	21.90	21.98	21.91
5	16QAM	1	12	21.76	21.86	21.88
5	16QAM	1	24	21.86	21.71	21.62
5	16QAM	12	0	21.28	20.96	20.90
5	16QAM	12	7	20.79	20.94	20.91
5	16QAM	12	13	20.80	21.01	21.02
5	16QAM	25	0	20.67	20.91	20.67
5	64QAM	1	0	21.20	21.25	21.23
5	64QAM	1	12	21.30	21.41	21.30
5	64QAM	1	24	21.51	21.34	21.49
5	64QAM	12	0	20.30	19.94	20.05
5	64QAM	12	7	20.27	20.32	19.91
5	64QAM	12	13	20.17	20.20	20.14
5	64QAM	25	0	19.92	20.10	20.02



LTE Band 5						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20415	20525	20635
Frequency (MHz)				825.5	836.5	847.5
3	QPSK	1	0	22.74	22.83	22.78
3	QPSK	1	8	22.78	22.80	22.74
3	QPSK	1	14	22.77	22.77	22.79
3	QPSK	8	0	21.64	21.65	21.72
3	QPSK	8	4	21.69	21.75	21.74
3	QPSK	8	7	21.67	21.72	21.57
3	QPSK	15	0	21.53	21.72	21.70
3	16QAM	1	0	21.92	22.00	21.93
3	16QAM	1	8	21.78	21.88	21.90
3	16QAM	1	14	21.88	21.73	21.64
3	16QAM	8	0	21.27	20.95	20.89
3	16QAM	8	4	20.78	20.93	20.90
3	16QAM	8	7	20.79	21.00	21.01
3	16QAM	15	0	20.66	20.90	20.66
3	64QAM	1	0	21.17	21.22	21.20
3	64QAM	1	8	21.27	21.38	21.27
3	64QAM	1	14	21.48	21.31	21.46
3	64QAM	8	0	20.27	19.91	20.02
3	64QAM	8	4	20.24	20.29	19.88
3	64QAM	8	7	20.14	20.17	20.11
3	64QAM	15	0	19.89	20.07	19.99



LTE Band 5						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20407	20525	20643
Frequency (MHz)				824.7	836.5	848.3
1.4	QPSK	1	0	22.78	22.82	22.80
1.4	QPSK	1	3	22.82	22.80	22.76
1.4	QPSK	1	5	22.81	22.81	22.81
1.4	QPSK	3	0	21.88	21.88	21.94
1.4	QPSK	3	1	21.93	21.98	21.96
1.4	QPSK	3	3	21.91	21.95	21.79
1.4	QPSK	6	0	21.77	21.95	21.92
1.4	16QAM	1	0	22.16	22.23	22.15
1.4	16QAM	1	3	22.02	22.11	22.12
1.4	16QAM	1	5	22.12	21.96	21.86
1.4	16QAM	3	0	21.57	21.24	21.17
1.4	16QAM	3	1	21.08	21.22	21.18
1.4	16QAM	3	3	21.09	21.29	21.29
1.4	16QAM	6	0	21.08	21.31	21.06
1.4	64QAM	1	0	21.35	21.40	21.38
1.4	64QAM	1	3	21.45	21.56	21.45
1.4	64QAM	1	5	21.66	21.49	21.64
1.4	64QAM	3	0	20.45	20.09	20.20
1.4	64QAM	3	1	20.42	20.47	20.06
1.4	64QAM	3	3	20.32	20.35	20.29
1.4	64QAM	6	0	20.07	20.25	20.17



LTE Band 7						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20850	21100	21350
Frequency (MHz)				2510	2535	2560
20	QPSK	1	0	22.39	22.51	22.43
20	QPSK	1	49	22.42	22.48	22.45
20	QPSK	1	99	22.49	22.50	22.42
20	QPSK	50	0	21.61	21.66	21.62
20	QPSK	50	24	21.60	21.60	21.55
20	QPSK	50	50	21.62	21.66	21.69
20	QPSK	100	0	21.54	21.62	21.65
20	16QAM	1	0	21.69	21.80	21.71
20	16QAM	1	49	21.50	21.75	21.81
20	16QAM	1	99	21.68	21.63	21.62
20	16QAM	50	0	20.60	20.53	20.66
20	16QAM	50	24	20.66	20.60	20.72
20	16QAM	50	50	20.77	20.71	20.60
20	16QAM	100	0	20.61	20.72	20.77
20	64QAM	1	0	20.64	20.61	20.74
20	64QAM	1	49	20.73	20.77	20.68
20	64QAM	1	99	20.71	20.74	20.73
20	64QAM	50	0	19.83	19.75	19.72
20	64QAM	50	24	19.71	19.66	19.72
20	64QAM	50	50	19.86	19.49	19.46
20	64QAM	100	0	19.71	19.42	19.75



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				20825	21100	21375
Frequency (MHz)				2507.5	2535	2562.5
15	QPSK	1	0	22.26	22.32	22.30
15	QPSK	1	37	22.20	22.30	22.23
15	QPSK	1	74	22.27	22.32	22.20
15	QPSK	36	0	21.48	21.57	21.49
15	QPSK	36	20	21.47	21.60	21.42
15	QPSK	36	39	21.49	21.57	21.56
15	QPSK	75	0	21.41	21.60	21.52
15	16QAM	1	0	21.56	21.71	21.58
15	16QAM	1	37	21.37	21.66	21.68
15	16QAM	1	74	21.55	21.54	21.49
15	16QAM	36	0	20.47	20.44	20.53
15	16QAM	36	20	20.53	20.51	20.59
15	16QAM	36	39	20.64	20.62	20.47
15	16QAM	75	0	20.48	20.63	20.64
15	64QAM	1	0	20.56	20.53	20.66
15	64QAM	1	37	20.65	20.69	20.60
15	64QAM	1	74	20.63	20.66	20.65
15	64QAM	36	0	19.75	19.67	19.64
15	64QAM	36	20	19.63	19.58	19.64
15	64QAM	36	39	19.78	19.41	19.38
15	64QAM	75	0	19.63	19.34	19.67



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	22.34	22.38	22.29
10	QPSK	1	25	22.30	22.31	22.31
10	QPSK	1	49	22.37	22.33	22.28
10	QPSK	25	0	21.56	21.63	21.55
10	QPSK	25	12	21.55	21.66	21.48
10	QPSK	25	25	21.57	21.63	21.62
10	QPSK	50	0	21.49	21.66	21.58
10	16QAM	1	0	21.64	21.77	21.64
10	16QAM	1	25	21.45	21.72	21.74
10	16QAM	1	49	21.63	21.60	21.55
10	16QAM	25	0	20.55	20.50	20.59
10	16QAM	25	12	20.61	20.57	20.65
10	16QAM	25	25	20.72	20.68	20.53
10	16QAM	50	0	20.56	20.69	20.70
10	64QAM	1	0	20.61	20.58	20.71
10	64QAM	1	25	20.70	20.74	20.65
10	64QAM	1	49	20.68	20.71	20.70
10	64QAM	25	0	19.80	19.72	19.69
10	64QAM	25	12	19.68	19.63	19.69
10	64QAM	25	25	19.83	19.46	19.43
10	64QAM	50	0	19.68	19.39	19.72



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	22.35	22.42	22.37
5	QPSK	1	12	22.38	22.37	22.39
5	QPSK	1	24	22.40	22.39	22.36
5	QPSK	12	0	21.57	21.55	21.56
5	QPSK	12	7	21.56	21.58	21.49
5	QPSK	12	13	21.58	21.55	21.63
5	QPSK	25	0	21.50	21.58	21.59
5	16QAM	1	0	21.65	21.69	21.65
5	16QAM	1	12	21.46	21.64	21.75
5	16QAM	1	24	21.64	21.52	21.56
5	16QAM	12	0	20.56	20.42	20.60
5	16QAM	12	7	20.62	20.49	20.66
5	16QAM	12	13	20.73	20.60	20.54
5	16QAM	25	0	20.57	20.61	20.71
5	64QAM	1	0	20.59	20.56	20.69
5	64QAM	1	12	20.68	20.72	20.63
5	64QAM	1	24	20.66	20.69	20.68
5	64QAM	12	0	19.78	19.70	19.67
5	64QAM	12	7	19.66	19.61	19.67
5	64QAM	12	13	19.81	19.44	19.41
5	64QAM	25	0	19.66	19.37	19.70



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	23.43	23.44	23.42
10	QPSK	1	25	23.42	23.36	23.38
10	QPSK	1	49	23.43	23.40	23.41
10	QPSK	25	0	22.56	22.69	22.63
10	QPSK	25	12	22.61	22.49	22.48
10	QPSK	25	25	22.62	22.65	22.66
10	QPSK	50	0	22.68	22.58	22.64
10	16QAM	1	0	22.94	22.81	22.88
10	16QAM	1	25	22.77	23.00	22.77
10	16QAM	1	49	22.63	22.91	23.06
10	16QAM	25	0	22.18	21.71	21.86
10	16QAM	25	12	22.16	21.90	21.81
10	16QAM	25	25	21.84	21.95	21.71
10	16QAM	50	0	21.96	21.91	21.91
10	64QAM	1	0	21.63	21.64	21.41
10	64QAM	1	25	21.84	21.71	21.53
10	64QAM	1	49	21.71	21.60	21.69
10	64QAM	25	0	21.16	20.83	21.02
10	64QAM	25	12	21.05	20.94	20.81
10	64QAM	25	25	21.01	20.96	21.14
10	64QAM	50	0	21.19	21.08	21.15



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	23.35	23.41	23.36
5	QPSK	1	12	23.34	23.33	23.32
5	QPSK	1	24	23.35	23.37	23.35
5	QPSK	12	0	22.48	22.47	22.57
5	QPSK	12	7	22.53	22.46	22.42
5	QPSK	12	13	22.54	22.62	22.60
5	QPSK	25	0	22.60	22.55	22.58
5	16QAM	1	0	22.86	22.78	22.82
5	16QAM	1	12	22.69	22.97	22.71
5	16QAM	1	24	22.55	22.88	23.00
5	16QAM	12	0	22.10	21.68	21.80
5	16QAM	12	7	22.08	21.87	21.75
5	16QAM	12	13	21.76	21.92	21.65
5	16QAM	25	0	21.88	21.88	21.85
5	64QAM	1	0	21.55	21.56	21.33
5	64QAM	1	12	21.76	21.63	21.45
5	64QAM	1	24	21.63	21.52	21.61
5	64QAM	12	0	21.08	20.75	20.94
5	64QAM	12	7	20.97	20.86	20.73
5	64QAM	12	13	20.93	20.88	21.06
5	64QAM	25	0	21.11	21.20	21.17



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	23.39	23.40	23.33
3	QPSK	1	8	23.38	23.31	23.29
3	QPSK	1	14	23.39	23.35	23.32
3	QPSK	8	0	22.52	22.45	22.54
3	QPSK	8	4	22.57	22.44	22.39
3	QPSK	8	7	22.58	22.60	22.57
3	QPSK	15	0	22.64	22.53	22.55
3	16QAM	1	0	22.90	22.76	22.79
3	16QAM	1	8	22.73	22.95	22.68
3	16QAM	1	14	22.59	22.86	22.97
3	16QAM	8	0	22.14	21.75	21.86
3	16QAM	8	4	22.12	21.94	21.81
3	16QAM	8	7	21.80	21.99	21.71
3	16QAM	15	0	21.92	21.95	21.91
3	64QAM	1	0	21.56	21.57	21.34
3	64QAM	1	8	21.77	21.64	21.46
3	64QAM	1	14	21.64	21.53	21.62
3	64QAM	8	0	21.09	20.76	20.95
3	64QAM	8	4	20.98	20.87	20.74
3	64QAM	8	7	20.94	20.89	21.07
3	64QAM	15	0	21.12	21.21	21.18



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				23017	23095	23173
Frequency (MHz)				699.7	707.5	715.3
1.4	QPSK	1	0	23.30	23.37	23.29
1.4	QPSK	1	3	23.29	23.29	23.25
1.4	QPSK	1	5	23.30	23.33	23.28
1.4	QPSK	3	0	22.43	22.43	22.50
1.4	QPSK	3	1	22.48	22.42	22.35
1.4	QPSK	3	3	22.49	22.58	22.53
1.4	QPSK	6	0	22.55	22.51	22.51
1.4	16QAM	1	0	22.81	22.74	22.75
1.4	16QAM	1	3	22.64	22.93	22.64
1.4	16QAM	1	5	22.50	22.84	22.91
1.4	16QAM	3	0	22.05	21.64	21.73
1.4	16QAM	3	1	22.03	21.83	21.68
1.4	16QAM	3	3	21.71	21.88	21.58
1.4	16QAM	6	0	21.83	21.84	21.78
1.4	64QAM	1	0	21.70	21.71	21.48
1.4	64QAM	1	3	21.91	21.78	21.60
1.4	64QAM	1	5	21.78	21.67	21.76
1.4	64QAM	3	0	21.23	20.90	21.09
1.4	64QAM	3	1	21.12	21.01	20.88
1.4	64QAM	3	3	21.08	21.03	21.21
1.4	64QAM	6	0	21.26	21.35	21.32



LTE Band 13						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				/	23230	/
Frequency (MHz)				/	782	/
10	QPSK	1	0	/	23.38	/
10	QPSK	1	25	/	23.23	/
10	QPSK	1	49	/	23.30	/
10	QPSK	25	0	/	22.33	/
10	QPSK	25	12	/	22.31	/
10	QPSK	25	25	/	22.30	/
10	QPSK	50	0	/	22.26	/
10	16QAM	1	0	/	22.74	/
10	16QAM	1	25	/	22.51	/
10	16QAM	1	49	/	22.56	/
10	16QAM	25	0	/	21.75	/
10	16QAM	25	12	/	21.69	/
10	16QAM	25	25	/	21.70	/
10	16QAM	50	0	/	21.52	/
10	64QAM	1	0	/	21.74	/
10	64QAM	1	25	/	21.81	/
10	64QAM	1	49	/	21.61	/
10	64QAM	25	0	/	20.92	/
10	64QAM	25	12	/	20.90	/
10	64QAM	25	25	/	20.88	/
10	64QAM	50	0	/	21.00	/



LTE Band 13						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23205	23230	23255
Frequency (MHz)				779.5	782	784.5
5	QPSK	1	0	23.17	23.27	23.21
5	QPSK	1	12	23.10	23.20	23.14
5	QPSK	1	24	23.15	23.25	23.17
5	QPSK	12	0	22.02	22.17	22.06
5	QPSK	12	7	22.13	22.28	22.11
5	QPSK	12	13	22.12	22.27	22.24
5	QPSK	25	0	22.06	22.21	22.12
5	16QAM	1	0	22.61	22.71	22.58
5	16QAM	1	12	22.36	22.46	22.29
5	16QAM	1	24	22.43	22.53	22.37
5	16QAM	12	0	21.57	21.67	21.51
5	16QAM	12	7	21.56	21.66	21.55
5	16QAM	12	13	21.55	21.65	21.63
5	16QAM	25	0	21.39	21.49	21.42
5	64QAM	1	0	21.53	21.66	21.63
5	64QAM	1	12	21.60	21.73	21.71
5	64QAM	1	24	21.40	21.53	21.46
5	64QAM	12	0	20.69	20.84	20.75
5	64QAM	12	7	20.67	20.82	20.73
5	64QAM	12	13	20.65	20.80	20.71
5	64QAM	25	0	20.77	20.92	20.83



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	23.30	23.34	23.27
10	QPSK	1	25	23.28	23.31	23.24
10	QPSK	1	49	23.24	23.33	23.32
10	QPSK	25	0	22.36	22.48	22.46
10	QPSK	25	12	22.39	22.38	22.28
10	QPSK	25	25	22.48	22.35	22.46
10	QPSK	50	0	22.36	22.47	22.44
10	16QAM	1	0	22.50	22.62	22.70
10	16QAM	1	25	22.62	22.53	22.58
10	16QAM	1	49	22.57	22.65	22.64
10	16QAM	25	0	21.59	21.64	21.66
10	16QAM	25	12	22.00	21.78	21.67
10	16QAM	25	25	21.71	21.51	21.54
10	16QAM	50	0	21.75	21.72	21.78
10	64QAM	1	0	21.65	21.63	21.55
10	64QAM	1	25	21.86	21.67	21.58
10	64QAM	1	49	21.52	21.73	21.61
10	64QAM	25	0	20.87	20.81	20.84
10	64QAM	25	12	20.90	20.70	20.90
10	64QAM	25	25	20.99	20.76	20.83
10	64QAM	50	0	20.95	20.93	20.96



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	23.21	23.30	23.23
5	QPSK	1	12	23.19	23.27	23.16
5	QPSK	1	24	23.15	23.29	23.24
5	QPSK	12	0	22.27	22.25	22.38
5	QPSK	12	7	22.30	22.34	22.20
5	QPSK	12	13	22.39	22.31	22.38
5	QPSK	25	0	22.27	22.43	22.36
5	16QAM	1	0	22.41	22.58	22.62
5	16QAM	1	12	22.53	22.49	22.50
5	16QAM	1	24	22.48	22.61	22.56
5	16QAM	12	0	21.50	21.60	21.58
5	16QAM	12	7	21.91	21.74	21.59
5	16QAM	12	13	21.62	21.47	21.46
5	16QAM	25	0	21.66	21.68	21.70
5	64QAM	1	0	21.56	21.54	21.46
5	64QAM	1	12	21.77	21.58	21.49
5	64QAM	1	24	21.43	21.64	21.52
5	64QAM	12	0	20.78	20.72	20.75
5	64QAM	12	7	20.81	20.61	20.81
5	64QAM	12	13	20.90	20.67	20.74
5	64QAM	25	0	20.86	20.84	20.87



LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26865	26915	26965
Frequency (MHz)				831.5	836.5	841.5
15	QPSK	1	0	22.84	22.74	22.83
15	QPSK	1	37	22.80	22.70	22.80
15	QPSK	1	74	22.82	22.72	22.83
15	QPSK	36	0	21.92	21.85	21.81
15	QPSK	36	20	21.91	21.84	21.86
15	QPSK	36	39	21.90	21.84	21.90
15	QPSK	75	0	21.88	21.80	21.88
15	16QAM	1	0	22.21	22.13	21.95
15	16QAM	1	37	22.22	22.16	22.13
15	16QAM	1	74	22.23	22.19	22.08
15	16QAM	36	0	21.32	21.27	21.02
15	16QAM	36	20	21.27	21.21	20.99
15	16QAM	36	39	21.29	21.17	21.33
15	16QAM	75	0	21.31	21.29	21.01
15	64QAM	1	0	21.24	21.16	21.43
15	64QAM	1	37	21.21	21.09	21.33
15	64QAM	1	74	21.30	21.22	21.45
15	64QAM	36	0	20.63	20.57	20.34
15	64QAM	36	20	20.48	20.37	20.48
15	64QAM	36	39	20.44	20.41	20.41
15	64QAM	75	0	20.54	20.48	20.19



LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26840	26915	26990
Frequency (MHz)				829.0	836.5	844.0
10	QPSK	1	0	22.71	22.65	22.75
10	QPSK	1	25	22.67	22.66	22.77
10	QPSK	1	49	22.75	22.67	22.77
10	QPSK	25	0	21.66	21.67	21.75
10	QPSK	25	12	21.76	21.77	21.80
10	QPSK	25	25	21.81	21.86	21.87
10	QPSK	50	0	21.75	21.77	21.82
10	16QAM	1	0	21.88	21.85	21.89
10	16QAM	1	25	22.05	22.04	22.07
10	16QAM	1	49	22.00	22.00	22.02
10	16QAM	25	0	20.88	20.84	20.96
10	16QAM	25	12	20.82	20.82	20.93
10	16QAM	25	25	21.17	21.20	21.27
10	16QAM	50	0	20.94	20.90	20.95
10	64QAM	1	0	21.32	21.26	21.36
10	64QAM	1	25	21.14	21.24	21.26
10	64QAM	1	49	21.35	21.32	21.38
10	64QAM	25	0	20.16	20.23	20.27
10	64QAM	25	12	20.36	20.29	20.41
10	64QAM	25	25	20.23	20.26	20.34
10	64QAM	50	0	20.09	20.08	20.12



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				26815	26915	27015
Frequency (MHz)				826.5	836.5	846.5
5	QPSK	1	0	22.68	22.64	22.72
5	QPSK	1	12	22.66	22.62	22.74
5	QPSK	1	24	22.71	22.63	22.74
5	QPSK	12	0	21.67	21.67	21.72
5	QPSK	12	7	21.74	21.76	21.77
5	QPSK	12	13	21.73	21.73	21.84
5	QPSK	25	0	21.71	21.70	21.79
5	16QAM	1	0	21.79	21.76	21.86
5	16QAM	1	12	22.01	21.92	22.04
5	16QAM	1	24	21.95	21.94	21.99
5	16QAM	12	0	20.84	20.82	20.93
5	16QAM	12	7	20.78	20.89	20.90
5	16QAM	12	13	21.23	21.20	21.24
5	16QAM	25	0	20.86	20.82	20.92
5	64QAM	1	0	21.26	21.28	21.38
5	64QAM	1	12	21.17	21.24	21.28
5	64QAM	1	24	21.35	21.35	21.40
5	64QAM	12	0	20.22	20.21	20.29
5	64QAM	12	7	20.40	20.42	20.43
5	64QAM	12	13	20.26	20.31	20.36
5	64QAM	25	0	20.13	20.06	20.14



LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26805	26915	27025
Frequency (MHz)				825.5	836.5	847.5
3	QPSK	1	0	22.71	22.65	22.73
3	QPSK	1	8	22.63	22.71	22.75
3	QPSK	1	14	22.63	22.65	22.75
3	QPSK	8	0	21.67	21.70	21.73
3	QPSK	8	4	21.73	21.67	21.78
3	QPSK	8	7	21.80	21.78	21.85
3	QPSK	15	0	21.68	21.71	21.80
3	16QAM	1	0	21.79	21.78	21.87
3	16QAM	1	8	21.96	21.99	22.05
3	16QAM	1	14	21.95	21.93	22.00
3	16QAM	8	0	20.88	20.90	20.94
3	16QAM	8	4	20.79	20.90	20.91
3	16QAM	8	7	21.21	21.16	21.25
3	16QAM	15	0	20.95	20.98	21.01
3	64QAM	1	0	21.19	21.29	21.31
3	64QAM	1	8	21.10	21.11	21.21
3	64QAM	1	14	21.32	21.27	21.33
3	64QAM	8	0	20.21	20.12	20.22
3	64QAM	8	4	20.28	20.30	20.36
3	64QAM	8	7	20.28	20.23	20.29
3	64QAM	15	0	19.99	19.96	20.07



LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26797	26915	27033
Frequency (MHz)				824.7	836.5	848.3
1.4	QPSK	1	0	22.64	22.66	22.74
1.4	QPSK	1	3	22.70	22.63	22.72
1.4	QPSK	1	5	22.63	22.61	22.72
1.4	QPSK	3	0	21.68	21.65	21.70
1.4	QPSK	3	1	21.67	21.71	21.75
1.4	QPSK	3	3	21.80	21.73	21.82
1.4	QPSK	6	0	21.75	21.75	21.77
1.4	16QAM	1	0	21.79	21.83	21.84
1.4	16QAM	1	3	22.01	21.94	22.02
1.4	16QAM	1	5	21.93	21.93	21.97
1.4	16QAM	3	0	20.89	20.89	20.91
1.4	16QAM	3	1	20.77	20.81	20.88
1.4	16QAM	3	3	21.20	21.11	21.22
1.4	16QAM	6	0	20.82	20.83	20.90
1.4	64QAM	1	0	21.46	21.54	21.55
1.4	64QAM	1	3	21.41	21.36	21.45
1.4	64QAM	1	5	21.55	21.45	21.57
1.4	64QAM	3	0	20.41	20.36	20.46
1.4	64QAM	3	1	20.50	20.58	20.60
1.4	64QAM	3	3	20.44	20.48	20.53
1.4	64QAM	6	0	20.22	20.25	20.31



LTE Band 38						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				37850	38000	38150
Frequency (MHz)				2580	2595	2610
20	QPSK	1	0	22.60	22.64	22.63
20	QPSK	1	49	22.51	22.53	22.56
20	QPSK	1	99	22.46	22.45	22.57
20	QPSK	50	0	21.65	21.70	21.66
20	QPSK	50	24	21.62	21.51	21.55
20	QPSK	50	50	21.67	21.62	21.59
20	QPSK	100	0	21.56	21.64	21.64
20	16QAM	1	0	21.52	21.76	21.81
20	16QAM	1	49	21.55	21.83	21.79
20	16QAM	1	99	21.47	21.71	21.76
20	16QAM	50	0	20.86	20.81	20.61
20	16QAM	50	24	20.78	20.77	20.72
20	16QAM	50	50	20.77	20.78	20.66
20	16QAM	100	0	20.65	20.73	20.69
20	64QAM	1	0	20.68	20.52	20.50
20	64QAM	1	49	20.62	20.72	20.63
20	64QAM	1	99	20.64	20.68	20.60
20	64QAM	50	0	19.97	20.27	20.05
20	64QAM	50	24	20.06	20.24	20.21
20	64QAM	50	50	20.19	20.32	20.13
20	64QAM	100	0	19.93	20.07	19.96



LTE Band 38						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				37825	38000	38175
Frequency (MHz)				2577.5	2595	2612.5
15	QPSK	1	0	22.52	22.58	22.50
15	QPSK	1	37	22.43	22.47	22.43
15	QPSK	1	74	22.38	22.39	22.44
15	QPSK	36	0	21.57	21.60	21.57
15	QPSK	36	20	21.54	21.45	21.42
15	QPSK	36	39	21.59	21.56	21.46
15	QPSK	75	0	21.48	21.58	21.51
15	16QAM	1	0	21.44	21.70	21.68
15	16QAM	1	37	21.47	21.77	21.66
15	16QAM	1	74	21.39	21.65	21.63
15	16QAM	36	0	20.78	20.75	20.48
15	16QAM	36	20	20.70	20.71	20.59
15	16QAM	36	39	20.69	20.72	20.53
15	16QAM	75	0	20.57	20.67	20.56
15	64QAM	1	0	20.60	20.44	20.42
15	64QAM	1	37	20.54	20.64	20.55
15	64QAM	1	74	20.56	20.60	20.52
15	64QAM	36	0	19.89	20.19	19.97
15	64QAM	36	20	19.98	20.16	20.13
15	64QAM	36	39	20.11	20.24	20.05
15	64QAM	75	0	19.85	19.99	19.88



LTE Band 38						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				37800	38000	38200
Frequency (MHz)				2575	2595	2615
10	QPSK	1	0	22.48	22.60	22.54
10	QPSK	1	25	22.49	22.58	22.57
10	QPSK	1	49	22.54	22.50	22.48
10	QPSK	25	0	21.53	21.61	21.61
10	QPSK	25	12	21.50	21.46	21.46
10	QPSK	25	25	21.55	21.57	21.50
10	QPSK	50	0	21.44	21.59	21.55
10	16QAM	1	0	21.40	21.71	21.72
10	16QAM	1	25	21.43	21.78	21.70
10	16QAM	1	49	21.35	21.66	21.67
10	16QAM	25	0	20.74	20.76	20.52
10	16QAM	25	12	20.66	20.72	20.63
10	16QAM	25	25	20.65	20.73	20.57
10	16QAM	50	0	20.53	20.68	20.60
10	64QAM	1	0	20.64	20.48	20.46
10	64QAM	1	25	20.58	20.68	20.59
10	64QAM	1	49	20.60	20.64	20.56
10	64QAM	25	0	19.93	20.23	20.01
10	64QAM	25	12	20.02	20.20	20.17
10	64QAM	25	25	20.15	20.28	20.09
10	64QAM	50	0	19.89	20.03	19.92



LTE Band 38						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				37775	38000	38225
Frequency (MHz)				2572.5	2595	2617.5
5	QPSK	1	0	22.55	22.59	22.58
5	QPSK	1	12	22.46	22.50	22.51
5	QPSK	1	24	22.41	22.42	22.52
5	QPSK	12	0	21.60	21.63	21.65
5	QPSK	12	7	21.57	21.48	21.50
5	QPSK	12	13	21.62	21.59	21.54
5	QPSK	25	0	21.51	21.61	21.59
5	16QAM	1	0	21.47	21.73	21.76
5	16QAM	1	12	21.50	21.80	21.74
5	16QAM	1	24	21.42	21.68	21.71
5	16QAM	12	0	20.81	20.78	20.56
5	16QAM	12	7	20.73	20.74	20.67
5	16QAM	12	13	20.72	20.75	20.61
5	16QAM	25	0	20.60	20.70	20.64
5	64QAM	1	0	20.59	20.43	20.41
5	64QAM	1	12	20.53	20.63	20.54
5	64QAM	1	24	20.55	20.59	20.51
5	64QAM	12	0	19.88	20.18	19.96
5	64QAM	12	7	19.97	20.15	20.12
5	64QAM	12	13	20.10	20.23	20.04
5	64QAM	25	0	19.84	19.98	19.87



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	/	22.67	/
10	QPSK	1	25	/	22.51	/
10	QPSK	1	49	/	22.34	/
10	QPSK	25	0	/	21.63	/
10	QPSK	25	12	/	21.68	/
10	QPSK	25	25	/	21.49	/
10	QPSK	50	0	/	21.68	/
10	16QAM	1	0	/	21.59	/
10	16QAM	1	25	/	21.43	/
10	16QAM	1	49	/	21.35	/
10	16QAM	25	0	/	20.85	/
10	16QAM	25	12	/	20.75	/
10	16QAM	25	25	/	20.78	/
10	16QAM	50	0	/	20.83	/
10	64QAM	1	0	/	20.46	/
10	64QAM	1	25	/	20.25	/
10	64QAM	1	49	/	20.21	/
10	64QAM	25	0	/	19.85	/
10	64QAM	25	12	/	19.72	/
10	64QAM	25	25	/	19.70	/
10	64QAM	50	0	/	19.82	/



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	22.51	22.38	22.50
5	QPSK	1	12	22.37	22.18	22.49
5	QPSK	1	24	22.35	22.01	22.43
5	QPSK	12	0	21.46	21.30	21.38
5	QPSK	12	7	21.22	21.35	21.43
5	QPSK	12	13	21.16	21.16	21.37
5	QPSK	25	0	21.30	21.35	21.46
5	16QAM	1	0	21.27	21.26	21.30
5	16QAM	1	12	21.10	21.10	21.12
5	16QAM	1	24	20.91	21.02	21.05
5	16QAM	12	0	20.66	20.52	20.73
5	16QAM	12	7	20.53	20.42	20.68
5	16QAM	12	13	20.46	20.45	20.74
5	16QAM	25	0	20.57	20.50	20.59
5	64QAM	1	0	20.46	20.42	20.40
5	64QAM	1	12	20.17	20.21	20.19
5	64QAM	1	24	20.13	20.17	20.15
5	64QAM	12	0	19.77	19.81	19.79
5	64QAM	12	7	19.64	19.68	19.66
5	64QAM	12	13	19.62	19.66	19.64
5	64QAM	25	0	19.74	19.78	19.76



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	/	22.61	/
10	QPSK	1	25	/	22.57	/
10	QPSK	1	49	/	22.52	/
10	QPSK	25	0	/	21.65	/
10	QPSK	25	12	/	21.70	/
10	QPSK	25	25	/	21.64	/
10	QPSK	50	0	/	21.70	/
10	16QAM	1	0	/	21.57	/
10	16QAM	1	25	/	21.39	/
10	16QAM	1	49	/	21.32	/
10	16QAM	25	0	/	21.00	/
10	16QAM	25	12	/	20.95	/
10	16QAM	25	25	/	21.01	/
10	16QAM	50	0	/	20.86	/
10	64QAM	1	0	/	20.69	/
10	64QAM	1	25	/	20.60	/
10	64QAM	1	49	/	20.57	/
10	64QAM	25	0	/	19.87	/
10	64QAM	25	12	/	19.75	/
10	64QAM	25	25	/	19.69	/
10	64QAM	50	0	/	19.74	/



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	22.52	22.55	22.53
5	QPSK	1	12	22.52	22.45	22.49
5	QPSK	1	24	22.50	22.28	22.51
5	QPSK	12	0	21.61	21.57	21.50
5	QPSK	12	7	21.37	21.62	21.66
5	QPSK	12	13	21.31	21.43	21.60
5	QPSK	25	0	21.45	21.62	21.69
5	16QAM	1	0	21.42	21.53	21.53
5	16QAM	1	12	21.25	21.37	21.35
5	16QAM	1	24	21.06	21.29	21.28
5	16QAM	12	0	20.81	20.79	20.96
5	16QAM	12	7	20.68	20.69	20.91
5	16QAM	12	13	20.61	20.72	20.97
5	16QAM	25	0	20.72	20.77	20.82
5	64QAM	1	0	20.64	20.66	20.62
5	64QAM	1	12	20.55	20.57	20.53
5	64QAM	1	24	20.52	20.54	20.50
5	64QAM	12	0	19.82	19.84	19.80
5	64QAM	12	7	19.70	19.72	19.68
5	64QAM	12	13	19.64	19.66	19.62
5	64QAM	25	0	19.69	19.71	19.67



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	22.86	23.06	22.83
20	QPSK	1	49	22.85	22.72	22.64
20	QPSK	1	99	22.79	22.60	22.59
20	QPSK	50	0	21.70	21.72	21.69
20	QPSK	50	24	21.56	21.66	21.56
20	QPSK	50	50	21.53	21.68	21.41
20	QPSK	100	0	21.59	21.58	21.66
20	16QAM	1	0	21.41	21.37	21.51
20	16QAM	1	49	21.33	21.38	21.23
20	16QAM	1	99	21.37	21.31	21.09
20	16QAM	50	0	20.96	20.85	20.84
20	16QAM	50	24	20.92	20.79	20.89
20	16QAM	50	50	20.87	20.81	20.86
20	16QAM	100	0	20.92	20.76	20.78
20	64QAM	1	0	20.51	20.79	20.59
20	64QAM	1	49	20.53	20.67	20.56
20	64QAM	1	99	20.64	20.71	20.53
20	64QAM	50	0	19.71	19.86	19.58
20	64QAM	50	24	19.84	19.78	19.70
20	64QAM	50	50	19.70	19.83	19.82
20	64QAM	100	0	19.68	19.91	19.56



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	22.82	22.98	22.76
15	QPSK	1	37	22.53	22.68	22.57
15	QPSK	1	74	22.75	22.56	22.52
15	QPSK	36	0	21.54	21.68	21.62
15	QPSK	36	20	21.63	21.62	21.49
15	QPSK	36	39	21.54	21.64	21.34
15	QPSK	75	0	21.55	21.54	21.59
15	16QAM	1	0	21.33	21.33	21.44
15	16QAM	1	37	21.25	21.34	21.16
15	16QAM	1	74	21.29	21.27	21.02
15	16QAM	36	0	20.88	20.81	20.77
15	16QAM	36	20	20.84	20.75	20.82
15	16QAM	36	39	20.79	20.77	20.79
15	16QAM	75	0	20.84	20.72	20.71
15	64QAM	1	0	20.45	20.73	20.53
15	64QAM	1	37	20.47	20.61	20.50
15	64QAM	1	74	20.58	20.65	20.47
15	64QAM	36	0	19.65	19.80	19.52
15	64QAM	36	20	19.78	19.72	19.64
15	64QAM	36	39	19.64	19.77	19.76
15	64QAM	75	0	19.62	19.85	19.50



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	22.59	22.83	22.54
10	QPSK	1	25	22.64	22.67	22.53
10	QPSK	1	49	22.72	22.55	22.48
10	QPSK	25	0	21.68	21.67	21.58
10	QPSK	25	12	21.71	21.61	21.45
10	QPSK	25	25	21.46	21.63	21.30
10	QPSK	50	0	21.53	21.53	21.55
10	16QAM	1	0	21.55	21.32	21.40
10	16QAM	1	25	21.34	21.33	21.12
10	16QAM	1	49	21.44	21.26	20.98
10	16QAM	25	0	20.85	20.80	20.73
10	16QAM	25	12	20.81	20.74	20.78
10	16QAM	25	25	20.76	20.76	20.75
10	16QAM	50	0	20.81	20.71	20.67
10	64QAM	1	0	20.47	20.75	20.55
10	64QAM	1	25	20.49	20.63	20.52
10	64QAM	1	49	20.60	20.67	20.49
10	64QAM	25	0	19.67	19.82	19.54
10	64QAM	25	12	19.80	19.74	19.66
10	64QAM	25	25	19.66	19.79	19.78
10	64QAM	50	0	19.64	19.87	19.52



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	22.91	22.62
5	QPSK	1	12	22.75	22.62	22.64
5	QPSK	1	24	22.71	22.57	22.47
5	QPSK	12	0	21.56	21.69	21.57
5	QPSK	12	7	21.49	21.63	21.44
5	QPSK	12	13	21.50	21.65	21.29
5	QPSK	25	0	21.47	21.55	21.54
5	16QAM	1	0	21.29	21.34	21.39
5	16QAM	1	12	21.21	21.35	21.11
5	16QAM	1	24	21.25	21.28	20.97
5	16QAM	12	0	20.84	20.82	20.72
5	16QAM	12	7	20.80	20.76	20.77
5	16QAM	12	13	20.75	20.78	20.74
5	16QAM	25	0	20.80	20.73	20.66
5	64QAM	1	0	20.42	20.70	20.50
5	64QAM	1	12	20.44	20.58	20.47
5	64QAM	1	24	20.55	20.62	20.44
5	64QAM	12	0	19.62	19.77	19.49
5	64QAM	12	7	19.75	19.69	19.61
5	64QAM	12	13	19.61	19.74	19.73
5	64QAM	25	0	19.59	19.82	19.47



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				132072	132322	132572
Frequency (MHz)				1720	1745	1770
20	QPSK	1	0	22.93	22.97	22.90
20	QPSK	1	49	22.81	22.90	22.93
20	QPSK	1	99	22.83	22.85	22.81
20	QPSK	50	0	21.86	21.95	21.93
20	QPSK	50	24	21.92	21.90	21.94
20	QPSK	50	50	21.93	21.89	21.95
20	QPSK	100	0	21.86	21.90	21.90
20	16QAM	1	0	21.87	22.07	22.10
20	16QAM	1	49	21.96	22.18	22.17
20	16QAM	1	99	21.77	22.07	22.21
20	16QAM	50	0	20.99	21.18	21.30
20	16QAM	50	24	21.07	21.12	21.34
20	16QAM	50	50	21.06	21.14	21.17
20	16QAM	100	0	21.01	21.13	21.29
20	64QAM	1	0	21.28	21.16	21.32
20	64QAM	1	49	21.11	21.14	21.06
20	64QAM	1	99	21.06	21.32	21.28
20	64QAM	50	0	20.21	20.35	20.27
20	64QAM	50	24	20.13	20.27	20.17
20	64QAM	50	50	20.20	20.21	20.12
20	64QAM	100	0	20.00	20.02	20.34



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				132047	132322	132597
Frequency (MHz)				1717.5	1745	1772.5
15	QPSK	1	0	22.84	22.93	22.87
15	QPSK	1	37	22.72	22.90	22.86
15	QPSK	1	74	22.74	22.82	22.74
15	QPSK	36	0	21.77	21.84	21.96
15	QPSK	36	20	21.83	22.00	22.07
15	QPSK	36	39	21.84	21.86	21.88
15	QPSK	75	0	21.77	21.87	22.02
15	16QAM	1	0	21.78	22.04	22.03
15	16QAM	1	37	21.87	22.15	22.10
15	16QAM	1	74	21.68	22.04	22.14
15	16QAM	36	0	21.00	21.15	21.23
15	16QAM	36	20	21.08	21.09	21.27
15	16QAM	36	39	21.07	21.11	21.10
15	16QAM	75	0	21.02	21.10	21.22
15	64QAM	1	0	21.23	21.11	21.27
15	64QAM	1	37	21.06	21.09	21.01
15	64QAM	1	74	21.01	21.27	21.23
15	64QAM	36	0	20.16	20.30	20.22
15	64QAM	36	20	20.08	20.22	20.12
15	64QAM	36	39	20.15	20.16	20.07
15	64QAM	75	0	19.95	19.97	20.29



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				132022	132322	132622
Frequency (MHz)				1715	1745	1775
10	QPSK	1	0	22.88	22.86	22.84
10	QPSK	1	25	22.70	22.85	22.87
10	QPSK	1	49	22.72	22.80	22.75
10	QPSK	25	0	21.75	21.82	21.97
10	QPSK	25	12	21.81	21.98	22.08
10	QPSK	25	25	21.82	21.84	21.89
10	QPSK	50	0	21.75	21.85	22.03
10	16QAM	1	0	21.76	22.02	22.04
10	16QAM	1	25	21.85	22.13	22.11
10	16QAM	1	49	21.66	22.02	22.15
10	16QAM	25	0	20.98	21.13	21.24
10	16QAM	25	12	21.06	21.07	21.28
10	16QAM	25	25	21.05	21.09	21.11
10	16QAM	50	0	21.00	21.08	21.23
10	64QAM	1	0	21.25	21.13	21.29
10	64QAM	1	25	21.08	21.11	21.03
10	64QAM	1	49	21.03	21.29	21.25
10	64QAM	25	0	20.18	20.32	20.24
10	64QAM	25	12	20.10	20.24	20.14
10	64QAM	25	25	20.17	20.18	20.09
10	64QAM	50	0	19.97	19.99	20.31



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	22.80	22.84	22.82
5	QPSK	1	12	22.68	22.82	22.89
5	QPSK	1	24	22.70	22.77	22.77
5	QPSK	12	0	21.73	21.79	21.99
5	QPSK	12	7	21.79	21.95	22.10
5	QPSK	12	13	21.80	21.81	21.91
5	QPSK	25	0	21.73	21.82	22.05
5	16QAM	1	0	21.74	21.99	22.06
5	16QAM	1	12	21.83	22.01	22.03
5	16QAM	1	24	21.64	21.99	22.07
5	16QAM	12	0	20.86	21.10	21.26
5	16QAM	12	7	20.94	21.04	21.30
5	16QAM	12	13	20.93	21.06	21.13
5	16QAM	25	0	20.88	21.05	21.25
5	64QAM	1	0	21.20	21.08	21.24
5	64QAM	1	12	21.03	21.06	20.98
5	64QAM	1	24	20.98	21.24	21.20
5	64QAM	12	0	20.13	20.27	20.19
5	64QAM	12	7	20.05	20.19	20.09
5	64QAM	12	13	20.12	20.13	20.04
5	64QAM	25	0	19.92	19.94	20.26



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	22.79	22.86	22.76
3	QPSK	1	8	22.67	22.79	22.79
3	QPSK	1	14	22.69	22.74	22.67
3	QPSK	8	0	21.72	21.76	21.89
3	QPSK	8	4	21.78	21.92	22.00
3	QPSK	8	7	21.79	21.78	21.81
3	QPSK	15	0	21.72	21.79	21.95
3	16QAM	1	0	21.73	21.96	21.96
3	16QAM	1	8	21.82	22.07	22.03
3	16QAM	1	14	21.63	21.96	22.07
3	16QAM	8	0	20.85	21.07	21.16
3	16QAM	8	4	20.93	21.01	21.20
3	16QAM	8	7	20.92	21.03	21.03
3	16QAM	15	0	20.87	21.02	21.15
3	64QAM	1	0	21.24	21.12	21.28
3	64QAM	1	8	21.07	21.10	21.02
3	64QAM	1	14	21.02	21.28	21.24
3	64QAM	8	0	20.17	20.31	20.23
3	64QAM	8	4	20.09	20.23	20.13
3	64QAM	8	7	20.16	20.17	20.08
3	64QAM	15	0	19.96	19.98	20.30



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	22.77	22.90	22.74
1.4	QPSK	1	3	22.65	22.83	22.77
1.4	QPSK	1	5	22.67	22.78	22.65
1.4	QPSK	3	0	21.70	21.80	21.87
1.4	QPSK	3	1	21.76	21.96	21.98
1.4	QPSK	3	3	21.77	21.82	21.79
1.4	QPSK	6	0	21.70	21.83	21.93
1.4	16QAM	1	0	21.71	22.00	21.94
1.4	16QAM	1	3	21.80	22.11	22.01
1.4	16QAM	1	5	21.61	22.00	22.05
1.4	16QAM	3	0	21.03	21.11	21.14
1.4	16QAM	3	1	21.01	21.05	21.18
1.4	16QAM	3	3	21.00	21.07	21.01
1.4	16QAM	6	0	20.85	21.06	21.13
1.4	64QAM	1	0	21.32	21.20	21.36
1.4	64QAM	1	3	21.15	21.18	21.10
1.4	64QAM	1	5	21.10	21.36	21.32
1.4	64QAM	3	0	20.25	20.39	20.31
1.4	64QAM	3	1	20.17	20.31	20.21
1.4	64QAM	3	3	20.24	20.25	20.16
1.4	64QAM	6	0	20.04	20.06	20.38



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	20.91	0.123	21.16	0.131	20.96	0.125
20	QPSK	1	49	20.88	0.122	21.13	0.130	20.92	0.124
20	QPSK	1	99	20.78	0.120	21.12	0.129	20.86	0.122
20	QPSK	50	0	20.04	0.101	20.17	0.104	20.04	0.101
20	QPSK	50	24	20.03	0.101	19.96	0.099	20.05	0.101
20	QPSK	50	50	19.97	0.099	20.12	0.103	20.02	0.100
20	QPSK	100	0	20.09	0.102	20.06	0.101	20.16	0.104
20	16QAM	1	0	20.45	0.111	20.05	0.101	20.45	0.111
20	16QAM	1	49	20.53	0.113	20.20	0.105	20.49	0.112
20	16QAM	1	99	20.41	0.110	20.36	0.109	20.44	0.111
20	16QAM	50	0	19.10	0.081	19.32	0.086	19.24	0.084
20	16QAM	50	24	19.12	0.082	19.26	0.084	19.25	0.084
20	16QAM	50	50	19.09	0.081	19.21	0.083	19.10	0.081
20	16QAM	100	0	19.17	0.083	19.28	0.085	19.20	0.083
20	64QAM	1	0	19.08	0.081	19.15	0.082	19.36	0.086
20	64QAM	1	49	19.27	0.085	19.28	0.085	19.13	0.082
20	64QAM	1	99	19.05	0.080	19.03	0.080	19.04	0.080
20	64QAM	50	0	18.33	0.068	18.16	0.065	18.25	0.067
20	64QAM	50	24	18.35	0.068	18.28	0.067	18.30	0.068
20	64QAM	50	50	18.19	0.066	18.19	0.066	18.35	0.068
20	64QAM	100	0	18.17	0.066	18.21	0.066	18.15	0.065



LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18675		18900		19125	
Frequency (MHz)				1857.5		1880		1902.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	20.88	0.122	21.10	0.129	20.88	0.122
15	QPSK	1	37	20.85	0.122	21.09	0.129	20.84	0.121
15	QPSK	1	74	20.75	0.119	21.03	0.127	20.78	0.120
15	QPSK	36	0	20.03	0.101	19.98	0.100	19.98	0.100
15	QPSK	36	20	20.00	0.100	19.92	0.098	19.97	0.099
15	QPSK	36	39	19.94	0.099	20.08	0.102	19.94	0.099
15	QPSK	75	0	20.06	0.101	20.02	0.100	20.08	0.102
15	16QAM	1	0	20.42	0.110	20.01	0.100	20.37	0.109
15	16QAM	1	37	20.50	0.112	20.16	0.104	20.41	0.110
15	16QAM	1	74	20.38	0.109	20.32	0.108	20.36	0.109
15	16QAM	36	0	19.07	0.081	19.28	0.085	19.16	0.082
15	16QAM	36	20	19.09	0.081	19.22	0.084	19.17	0.083
15	16QAM	36	39	19.06	0.081	19.17	0.083	19.02	0.080
15	16QAM	75	0	19.14	0.082	19.24	0.084	19.12	0.082
15	64QAM	1	0	19.05	0.080	19.12	0.082	19.33	0.086
15	64QAM	1	37	19.24	0.084	19.25	0.084	19.10	0.081
15	64QAM	1	74	19.02	0.080	19.00	0.079	19.01	0.080
15	64QAM	36	0	18.30	0.068	18.13	0.065	18.22	0.066
15	64QAM	36	20	18.32	0.068	18.25	0.067	18.27	0.067
15	64QAM	36	39	18.16	0.065	18.16	0.065	18.32	0.068
15	64QAM	75	0	18.14	0.065	18.18	0.066	18.12	0.065



LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18650		18900		19150	
Frequency (MHz)				1855		1880		1905	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	20.89	0.123	21.08	0.128	20.91	0.123
10	QPSK	1	25	20.83	0.121	21.03	0.127	20.87	0.122
10	QPSK	1	49	20.73	0.118	21.06	0.128	20.81	0.121
10	QPSK	25	0	20.01	0.100	19.96	0.099	19.99	0.100
10	QPSK	25	12	19.98	0.100	19.90	0.098	20.00	0.100
10	QPSK	25	25	19.92	0.098	20.06	0.101	19.97	0.099
10	QPSK	50	0	20.04	0.101	20.00	0.100	20.13	0.103
10	16QAM	1	0	20.40	0.110	19.99	0.100	20.40	0.110
10	16QAM	1	25	20.48	0.112	20.14	0.103	20.44	0.111
10	16QAM	1	49	20.36	0.109	20.30	0.107	20.39	0.109
10	16QAM	25	0	19.05	0.080	19.26	0.084	19.19	0.083
10	16QAM	25	12	19.07	0.081	19.20	0.083	19.20	0.083
10	16QAM	25	25	19.04	0.080	19.15	0.082	19.05	0.080
10	16QAM	50	0	19.12	0.082	19.22	0.084	19.15	0.082
10	64QAM	1	0	19.03	0.080	19.10	0.081	19.31	0.085
10	64QAM	1	25	19.22	0.084	19.23	0.084	19.08	0.081
10	64QAM	1	49	19.00	0.079	18.98	0.079	18.99	0.079
10	64QAM	25	0	18.28	0.067	18.11	0.065	18.20	0.066
10	64QAM	25	12	18.30	0.068	18.23	0.067	18.25	0.067
10	64QAM	25	25	18.14	0.065	18.14	0.065	18.30	0.068
10	64QAM	50	0	18.12	0.065	18.16	0.065	18.10	0.065



LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18625		18900		19175	
Frequency (MHz)				1852.5		1880		1907.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	20.75	0.119	21.03	0.127	20.87	0.122
5	QPSK	1	12	20.79	0.120	21.00	0.126	20.83	0.121
5	QPSK	1	24	20.69	0.117	20.98	0.125	20.77	0.119
5	QPSK	12	0	19.97	0.099	19.92	0.098	19.95	0.099
5	QPSK	12	7	19.94	0.099	19.88	0.097	19.96	0.099
5	QPSK	12	13	19.88	0.097	20.06	0.101	19.93	0.098
5	QPSK	25	0	20.00	0.100	19.98	0.100	20.07	0.102
5	16QAM	1	0	20.38	0.109	19.97	0.099	20.38	0.109
5	16QAM	1	12	20.44	0.111	20.12	0.103	20.40	0.110
5	16QAM	1	24	20.32	0.108	20.28	0.107	20.35	0.108
5	16QAM	12	0	19.01	0.080	19.24	0.084	19.15	0.082
5	16QAM	12	7	19.03	0.080	19.18	0.083	19.16	0.082
5	16QAM	12	13	19.00	0.079	19.13	0.082	19.01	0.080
5	16QAM	25	0	19.08	0.081	19.20	0.083	19.11	0.081
5	64QAM	1	0	19.01	0.080	19.08	0.081	19.29	0.085
5	64QAM	1	12	19.20	0.083	19.21	0.083	19.06	0.081
5	64QAM	1	24	18.98	0.079	18.96	0.079	18.97	0.079
5	64QAM	12	0	18.26	0.067	18.09	0.064	18.18	0.066
5	64QAM	12	7	18.28	0.067	18.21	0.066	18.23	0.067
5	64QAM	12	13	18.12	0.065	18.12	0.065	18.28	0.067
5	64QAM	25	0	18.10	0.065	18.14	0.065	18.08	0.064



LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18615		18900		19185	
Frequency (MHz)				1851.5		1880		1908.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	20.80	0.120	21.04	0.127	20.85	0.122
3	QPSK	1	8	20.77	0.119	21.02	0.126	20.81	0.121
3	QPSK	1	14	20.67	0.117	20.99	0.126	20.75	0.119
3	QPSK	8	0	19.95	0.099	19.89	0.097	19.93	0.098
3	QPSK	8	4	19.92	0.098	19.83	0.096	19.94	0.099
3	QPSK	8	7	19.88	0.097	19.99	0.100	19.93	0.098
3	QPSK	15	0	19.98	0.100	19.95	0.099	20.05	0.101
3	16QAM	1	0	20.34	0.108	19.92	0.098	20.34	0.108
3	16QAM	1	8	20.42	0.110	20.07	0.102	20.38	0.109
3	16QAM	1	14	20.30	0.107	20.23	0.105	20.33	0.108
3	16QAM	8	0	18.99	0.079	19.19	0.083	19.13	0.082
3	16QAM	8	4	19.01	0.080	19.13	0.082	19.14	0.082
3	16QAM	8	7	18.98	0.079	19.08	0.081	18.99	0.079
3	16QAM	15	0	19.06	0.081	19.15	0.082	19.09	0.081
3	64QAM	1	0	18.99	0.079	19.06	0.081	19.27	0.085
3	64QAM	1	8	19.18	0.083	19.19	0.083	19.04	0.080
3	64QAM	1	14	18.96	0.079	18.94	0.078	18.95	0.079
3	64QAM	8	0	18.24	0.067	18.07	0.064	18.16	0.065
3	64QAM	8	4	18.26	0.067	18.19	0.066	18.21	0.066
3	64QAM	8	7	18.10	0.065	18.10	0.065	18.26	0.067
3	64QAM	15	0	18.08	0.064	18.12	0.065	18.06	0.064



LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18607		18900		19193	
Frequency (MHz)				1850.7		1880		1909.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	20.84	0.121	21.09	0.129	20.89	0.123
1.4	QPSK	1	3	20.81	0.121	21.08	0.128	20.85	0.122
1.4	QPSK	1	5	20.71	0.118	21.05	0.127	20.79	0.120
1.4	QPSK	3	0	20.08	0.102	20.06	0.101	20.08	0.102
1.4	QPSK	3	1	20.09	0.102	20.02	0.100	20.09	0.102
1.4	QPSK	3	3	20.01	0.100	20.16	0.104	20.06	0.101
1.4	QPSK	6	0	20.02	0.100	19.99	0.100	20.09	0.102
1.4	16QAM	1	0	20.38	0.109	19.98	0.100	20.38	0.109
1.4	16QAM	1	3	20.48	0.112	20.13	0.103	20.42	0.110
1.4	16QAM	1	5	20.34	0.108	20.29	0.107	20.39	0.109
1.4	16QAM	3	0	19.03	0.080	19.25	0.084	19.17	0.083
1.4	16QAM	3	1	19.05	0.080	19.19	0.083	19.18	0.083
1.4	16QAM	3	3	19.02	0.080	19.14	0.082	19.03	0.080
1.4	16QAM	6	0	19.19	0.083	19.30	0.085	19.22	0.084
1.4	64QAM	1	0	19.17	0.083	19.24	0.084	19.45	0.088
1.4	64QAM	1	3	19.36	0.086	19.37	0.086	19.22	0.084
1.4	64QAM	1	5	19.14	0.082	19.12	0.082	19.13	0.082
1.4	64QAM	3	0	18.42	0.070	18.25	0.067	18.34	0.068
1.4	64QAM	3	1	18.44	0.070	18.37	0.069	18.39	0.069
1.4	64QAM	3	3	18.28	0.067	18.28	0.067	18.44	0.070
1.4	64QAM	6	0	18.26	0.067	18.30	0.068	18.24	0.067



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20050		20175		20300	
Frequency (MHz)				1720		1732.5		1745	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	20.56	0.114	20.58	0.114	20.51	0.112
20	QPSK	1	49	20.54	0.113	20.44	0.111	20.54	0.113
20	QPSK	1	99	20.52	0.113	20.57	0.114	20.47	0.111
20	QPSK	50	0	19.65	0.092	19.68	0.093	19.62	0.092
20	QPSK	50	24	19.50	0.089	19.58	0.091	19.66	0.092
20	QPSK	50	50	19.57	0.091	19.51	0.089	19.55	0.090
20	QPSK	100	0	19.63	0.092	19.56	0.090	19.58	0.091
20	16QAM	1	0	19.49	0.089	19.73	0.094	19.96	0.099
20	16QAM	1	49	19.50	0.089	19.77	0.095	19.84	0.096
20	16QAM	1	99	19.48	0.089	19.74	0.094	19.85	0.097
20	16QAM	50	0	18.82	0.076	18.77	0.075	18.90	0.078
20	16QAM	50	24	18.77	0.075	18.86	0.077	18.87	0.077
20	16QAM	50	50	18.85	0.077	18.83	0.076	18.85	0.077
20	16QAM	100	0	18.68	0.074	18.80	0.076	18.89	0.077
20	64QAM	1	0	19.06	0.081	19.27	0.085	18.91	0.078
20	64QAM	1	49	19.01	0.080	19.11	0.081	19.14	0.082
20	64QAM	1	99	19.15	0.082	19.00	0.079	19.04	0.080
20	64QAM	50	0	18.23	0.067	18.04	0.064	18.18	0.066
20	64QAM	50	24	18.34	0.068	18.05	0.064	18.22	0.066
20	64QAM	50	50	18.16	0.065	18.10	0.065	18.03	0.064
20	64QAM	100	0	17.97	0.063	18.09	0.064	18.08	0.064



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20025		20175		20325	
Frequency (MHz)				1717.5		1732.5		1747.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	20.44	0.111	20.47	0.111	20.43	0.110
15	QPSK	1	37	20.43	0.110	20.36	0.109	20.46	0.111
15	QPSK	1	74	20.41	0.110	20.43	0.110	20.44	0.111
15	QPSK	36	0	19.54	0.090	19.50	0.089	19.59	0.091
15	QPSK	36	20	19.39	0.087	19.60	0.091	19.63	0.092
15	QPSK	36	39	19.46	0.088	19.43	0.088	19.52	0.090
15	QPSK	75	0	19.52	0.090	19.48	0.089	19.55	0.090
15	16QAM	1	0	19.38	0.087	19.65	0.092	19.83	0.096
15	16QAM	1	37	19.39	0.087	19.69	0.093	19.81	0.096
15	16QAM	1	74	19.37	0.086	19.66	0.092	19.82	0.096
15	16QAM	36	0	18.74	0.075	18.66	0.073	18.82	0.076
15	16QAM	36	20	18.69	0.074	18.75	0.075	18.79	0.076
15	16QAM	36	39	18.77	0.075	18.72	0.074	18.77	0.075
15	16QAM	75	0	18.60	0.072	18.69	0.074	18.81	0.076
15	64QAM	1	0	18.99	0.079	19.20	0.083	18.84	0.077
15	64QAM	1	37	18.94	0.078	19.04	0.080	19.07	0.081
15	64QAM	1	74	19.08	0.081	18.93	0.078	18.97	0.079
15	64QAM	36	0	18.16	0.065	17.97	0.063	18.11	0.065
15	64QAM	36	20	18.27	0.067	17.98	0.063	18.15	0.065
15	64QAM	36	39	18.09	0.064	18.03	0.064	17.96	0.063
15	64QAM	75	0	17.90	0.062	18.02	0.063	18.01	0.063



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20000		20175		20350	
Frequency (MHz)				1715		1732.5		1750	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	20.44	0.111	20.46	0.111	20.39	0.109
10	QPSK	1	25	20.42	0.110	20.32	0.108	20.42	0.110
10	QPSK	1	49	20.40	0.110	20.45	0.111	20.35	0.108
10	QPSK	25	0	19.58	0.091	19.53	0.090	19.55	0.090
10	QPSK	25	12	19.43	0.088	19.63	0.092	19.59	0.091
10	QPSK	25	25	19.50	0.089	19.46	0.088	19.48	0.089
10	QPSK	50	0	19.56	0.090	19.51	0.089	19.51	0.089
10	16QAM	1	0	19.42	0.087	19.68	0.093	19.89	0.097
10	16QAM	1	25	19.43	0.088	19.72	0.094	19.77	0.095
10	16QAM	1	49	19.41	0.087	19.69	0.093	19.78	0.095
10	16QAM	25	0	18.75	0.075	18.72	0.074	18.83	0.076
10	16QAM	25	12	18.70	0.074	18.81	0.076	18.80	0.076
10	16QAM	25	25	18.78	0.076	18.78	0.076	18.78	0.076
10	16QAM	50	0	18.61	0.073	18.75	0.075	18.82	0.076
10	64QAM	1	0	18.97	0.079	19.18	0.083	18.82	0.076
10	64QAM	1	25	18.92	0.078	19.02	0.080	19.05	0.080
10	64QAM	1	49	19.06	0.081	18.91	0.078	18.95	0.079
10	64QAM	25	0	18.14	0.065	17.95	0.062	18.09	0.064
10	64QAM	25	12	18.25	0.067	17.96	0.063	18.13	0.065
10	64QAM	25	25	18.07	0.064	18.01	0.063	17.94	0.062
10	64QAM	50	0	17.88	0.061	18.00	0.063	17.99	0.063



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				19975		20175		20375	
Frequency (MHz)				1712.5		1732.5		1752.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	20.43	0.110	20.45	0.111	20.38	0.109
5	QPSK	1	12	20.45	0.111	20.31	0.107	20.45	0.111
5	QPSK	1	24	20.39	0.109	20.41	0.110	20.34	0.108
5	QPSK	12	0	19.60	0.091	19.49	0.089	19.57	0.091
5	QPSK	12	7	19.41	0.087	19.59	0.091	19.57	0.091
5	QPSK	12	13	19.52	0.090	19.42	0.087	19.46	0.088
5	QPSK	25	0	19.54	0.090	19.51	0.089	19.49	0.089
5	16QAM	1	0	19.40	0.087	19.64	0.092	19.87	0.097
5	16QAM	1	12	19.41	0.087	19.68	0.093	19.75	0.094
5	16QAM	1	24	19.39	0.087	19.65	0.092	19.76	0.095
5	16QAM	12	0	18.73	0.075	18.68	0.074	18.81	0.076
5	16QAM	12	7	18.68	0.074	18.77	0.075	18.78	0.076
5	16QAM	12	13	18.76	0.075	18.74	0.075	18.76	0.075
5	16QAM	25	0	18.59	0.072	18.71	0.074	18.80	0.076
5	64QAM	1	0	19.02	0.080	19.23	0.084	18.87	0.077
5	64QAM	1	12	18.97	0.079	19.07	0.081	19.10	0.081
5	64QAM	1	24	19.11	0.081	18.96	0.079	19.00	0.079
5	64QAM	12	0	18.19	0.066	18.00	0.063	18.14	0.065
5	64QAM	12	7	18.30	0.068	18.01	0.063	18.18	0.066
5	64QAM	12	13	18.12	0.065	18.06	0.064	17.99	0.063
5	64QAM	25	0	17.93	0.062	18.05	0.064	18.04	0.064



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				19965		20175		20385	
Frequency (MHz)				1711.5		1732.5		1753.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	20.50	0.112	20.56	0.114	20.45	0.111
3	QPSK	1	8	20.48	0.112	20.42	0.110	20.48	0.112
3	QPSK	1	14	20.46	0.111	20.50	0.112	20.41	0.110
3	QPSK	8	0	19.59	0.091	19.56	0.090	19.56	0.090
3	QPSK	8	4	19.44	0.088	19.66	0.092	19.60	0.091
3	QPSK	8	7	19.51	0.089	19.49	0.089	19.49	0.089
3	QPSK	15	0	19.57	0.091	19.54	0.090	19.52	0.090
3	16QAM	1	0	19.73	0.094	19.99	0.100	20.20	0.105
3	16QAM	1	8	19.74	0.094	20.05	0.101	20.08	0.102
3	16QAM	1	14	19.72	0.094	20.02	0.100	20.09	0.102
3	16QAM	8	0	18.76	0.075	18.75	0.075	18.84	0.077
3	16QAM	8	4	18.71	0.074	18.84	0.077	18.81	0.076
3	16QAM	8	7	18.79	0.076	18.81	0.076	18.79	0.076
3	16QAM	15	0	18.62	0.073	18.78	0.076	18.83	0.076
3	64QAM	1	0	18.95	0.079	19.16	0.082	18.80	0.076
3	64QAM	1	8	18.90	0.078	19.00	0.079	19.03	0.080
3	64QAM	1	14	19.04	0.080	18.89	0.077	18.93	0.078
3	64QAM	8	0	18.12	0.065	17.93	0.062	18.07	0.064
3	64QAM	8	4	18.23	0.067	17.94	0.062	18.11	0.065
3	64QAM	8	7	18.05	0.064	17.99	0.063	17.92	0.062
3	64QAM	15	0	17.86	0.061	17.98	0.063	17.97	0.063



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				19957		20175		20393	
Frequency (MHz)				1710.7		1732.5		1754.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	20.44	0.111	20.46	0.111	20.39	0.109
1.4	QPSK	1	3	20.42	0.110	20.32	0.108	20.42	0.110
1.4	QPSK	1	5	20.40	0.110	20.45	0.111	20.35	0.108
1.4	QPSK	3	0	19.53	0.090	19.46	0.088	19.50	0.089
1.4	QPSK	3	1	19.38	0.087	19.56	0.090	19.54	0.090
1.4	QPSK	3	3	19.45	0.088	19.39	0.087	19.43	0.088
1.4	QPSK	6	0	19.51	0.089	19.44	0.088	19.46	0.088
1.4	16QAM	1	0	19.67	0.093	19.91	0.098	20.14	0.103
1.4	16QAM	1	3	19.68	0.093	19.95	0.099	20.02	0.100
1.4	16QAM	1	5	19.66	0.092	19.92	0.098	20.03	0.101
1.4	16QAM	3	0	18.70	0.074	18.65	0.073	18.78	0.076
1.4	16QAM	3	1	18.65	0.073	18.74	0.075	18.75	0.075
1.4	16QAM	3	3	18.73	0.075	18.71	0.074	18.73	0.075
1.4	16QAM	6	0	18.63	0.073	18.75	0.075	18.84	0.077
1.4	64QAM	1	0	18.93	0.078	19.14	0.082	18.78	0.076
1.4	64QAM	1	3	18.88	0.077	18.98	0.079	19.01	0.080
1.4	64QAM	1	5	19.02	0.080	18.87	0.077	18.91	0.078
1.4	64QAM	3	0	18.10	0.065	17.91	0.062	18.05	0.064
1.4	64QAM	3	1	18.21	0.066	17.92	0.062	18.09	0.064
1.4	64QAM	3	3	18.03	0.064	17.97	0.063	17.90	0.062
1.4	64QAM	6	0	17.84	0.061	17.96	0.063	17.95	0.062



LTE Band 5				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20450		20525		20600	
Frequency (MHz)				829		836.5		844	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	17.18	0.052	17.24	0.053	17.22	0.053
10	QPSK	1	25	17.22	0.053	17.21	0.053	17.18	0.052
10	QPSK	1	49	17.21	0.053	17.18	0.052	17.23	0.053
10	QPSK	25	0	16.08	0.041	16.19	0.042	16.16	0.041
10	QPSK	25	12	16.13	0.041	16.16	0.041	16.18	0.041
10	QPSK	25	25	16.11	0.041	16.13	0.041	16.01	0.040
10	QPSK	50	0	15.97	0.040	16.13	0.041	16.14	0.041
10	16QAM	1	0	16.36	0.043	16.41	0.044	16.37	0.043
10	16QAM	1	25	16.22	0.042	16.29	0.043	16.34	0.043
10	16QAM	1	49	16.32	0.043	16.14	0.041	16.08	0.041
10	16QAM	25	0	15.97	0.040	15.62	0.036	15.59	0.036
10	16QAM	25	12	15.48	0.035	15.60	0.036	15.60	0.036
10	16QAM	25	25	15.49	0.035	15.67	0.037	15.71	0.037
10	16QAM	50	0	15.36	0.034	15.57	0.036	15.36	0.034
10	64QAM	1	0	15.58	0.036	15.63	0.037	15.61	0.036
10	64QAM	1	25	15.68	0.037	15.79	0.038	15.68	0.037
10	64QAM	1	49	15.89	0.039	15.72	0.037	15.87	0.039
10	64QAM	25	0	14.68	0.029	14.32	0.027	14.43	0.028
10	64QAM	25	12	14.65	0.029	14.70	0.030	14.29	0.027
10	64QAM	25	25	14.55	0.029	14.58	0.029	14.52	0.028
10	64QAM	50	0	14.30	0.027	14.48	0.028	14.40	0.028



LTE Band 5				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20425		20525		20625	
Frequency (MHz)				826.5		836.5		846.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	17.07	0.051	17.15	0.052	17.11	0.051
5	QPSK	1	12	17.11	0.051	17.13	0.052	17.07	0.051
5	QPSK	1	24	17.10	0.051	17.10	0.051	17.12	0.052
5	QPSK	12	0	15.97	0.040	15.98	0.040	16.05	0.040
5	QPSK	12	7	16.02	0.040	16.08	0.041	16.07	0.040
5	QPSK	12	13	16.00	0.040	16.05	0.040	15.90	0.039
5	QPSK	25	0	15.86	0.039	16.05	0.040	16.03	0.040
5	16QAM	1	0	16.25	0.042	16.33	0.043	16.26	0.042
5	16QAM	1	12	16.11	0.041	16.21	0.042	16.23	0.042
5	16QAM	1	24	16.21	0.042	16.06	0.040	15.97	0.040
5	16QAM	12	0	15.63	0.037	15.31	0.034	15.25	0.033
5	16QAM	12	7	15.14	0.033	15.29	0.034	15.26	0.034
5	16QAM	12	13	15.15	0.033	15.36	0.034	15.37	0.034
5	16QAM	25	0	15.02	0.032	15.26	0.034	15.02	0.032
5	64QAM	1	0	15.55	0.036	15.60	0.036	15.58	0.036
5	64QAM	1	12	15.65	0.037	15.76	0.038	15.65	0.037
5	64QAM	1	24	15.86	0.039	15.69	0.037	15.84	0.038
5	64QAM	12	0	14.65	0.029	14.29	0.027	14.40	0.028
5	64QAM	12	7	14.62	0.029	14.67	0.029	14.26	0.027
5	64QAM	12	13	14.52	0.028	14.55	0.029	14.49	0.028
5	64QAM	25	0	14.27	0.027	14.45	0.028	14.37	0.027



LTE Band 5				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20415		20525		20635	
Frequency (MHz)				825.5		836.5		847.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	17.09	0.051	17.18	0.052	17.13	0.052
3	QPSK	1	8	17.13	0.052	17.15	0.052	17.09	0.051
3	QPSK	1	14	17.12	0.052	17.12	0.052	17.14	0.052
3	QPSK	8	0	15.99	0.040	16.00	0.040	16.07	0.040
3	QPSK	8	4	16.04	0.040	16.10	0.041	16.09	0.041
3	QPSK	8	7	16.02	0.040	16.07	0.040	15.92	0.039
3	QPSK	15	0	15.88	0.039	16.07	0.040	16.05	0.040
3	16QAM	1	0	16.27	0.042	16.35	0.043	16.28	0.042
3	16QAM	1	8	16.13	0.041	16.23	0.042	16.25	0.042
3	16QAM	1	14	16.23	0.042	16.08	0.041	15.99	0.040
3	16QAM	8	0	15.62	0.036	15.30	0.034	15.24	0.033
3	16QAM	8	4	15.13	0.033	15.28	0.034	15.25	0.033
3	16QAM	8	7	15.14	0.033	15.35	0.034	15.36	0.034
3	16QAM	15	0	15.01	0.032	15.25	0.033	15.01	0.032
3	64QAM	1	0	15.52	0.036	15.57	0.036	15.55	0.036
3	64QAM	1	8	15.62	0.036	15.73	0.037	15.62	0.036
3	64QAM	1	14	15.83	0.038	15.66	0.037	15.81	0.038
3	64QAM	8	0	14.62	0.029	14.26	0.027	14.37	0.027
3	64QAM	8	4	14.59	0.029	14.64	0.029	14.23	0.026
3	64QAM	8	7	14.49	0.028	14.52	0.028	14.46	0.028
3	64QAM	15	0	14.24	0.027	14.42	0.028	14.34	0.027



LTE Band 5				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20407		20525		20643	
Frequency (MHz)				824.7		836.5		848.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	17.13	0.052	17.17	0.052	17.15	0.052
1.4	QPSK	1	3	17.17	0.052	17.15	0.052	17.11	0.051
1.4	QPSK	1	5	17.16	0.052	17.16	0.052	17.16	0.052
1.4	QPSK	3	0	16.23	0.042	16.23	0.042	16.29	0.043
1.4	QPSK	3	1	16.28	0.042	16.33	0.043	16.31	0.043
1.4	QPSK	3	3	16.26	0.042	16.30	0.043	16.14	0.041
1.4	QPSK	6	0	16.12	0.041	16.30	0.043	16.27	0.042
1.4	16QAM	1	0	16.51	0.045	16.58	0.045	16.50	0.045
1.4	16QAM	1	3	16.37	0.043	16.46	0.044	16.47	0.044
1.4	16QAM	1	5	16.47	0.044	16.31	0.043	16.21	0.042
1.4	16QAM	3	0	15.92	0.039	15.59	0.036	15.52	0.036
1.4	16QAM	3	1	15.43	0.035	15.57	0.036	15.53	0.036
1.4	16QAM	3	3	15.44	0.035	15.64	0.037	15.64	0.037
1.4	16QAM	6	0	15.43	0.035	15.66	0.037	15.41	0.035
1.4	64QAM	1	0	15.70	0.037	15.75	0.038	15.73	0.037
1.4	64QAM	1	3	15.80	0.038	15.91	0.039	15.80	0.038
1.4	64QAM	1	5	16.01	0.040	15.84	0.038	15.99	0.040
1.4	64QAM	3	0	14.80	0.030	14.44	0.028	14.55	0.029
1.4	64QAM	3	1	14.77	0.030	14.82	0.030	14.41	0.028
1.4	64QAM	3	3	14.67	0.029	14.70	0.030	14.64	0.029
1.4	64QAM	6	0	14.42	0.028	14.60	0.029	14.52	0.028



LTE Band 7				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20850		21100		21350	
Frequency (MHz)				2510		2535		2560	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	20.49	0.112	20.61	0.115	20.53	0.113
20	QPSK	1	49	20.52	0.113	20.58	0.114	20.55	0.114
20	QPSK	1	99	20.59	0.115	20.60	0.115	20.52	0.113
20	QPSK	50	0	19.71	0.094	19.76	0.095	19.72	0.094
20	QPSK	50	24	19.70	0.093	19.70	0.093	19.65	0.092
20	QPSK	50	50	19.72	0.094	19.76	0.095	19.79	0.095
20	QPSK	100	0	19.64	0.092	19.72	0.094	19.75	0.094
20	16QAM	1	0	19.79	0.095	19.90	0.098	19.81	0.096
20	16QAM	1	49	19.60	0.091	19.85	0.097	19.91	0.098
20	16QAM	1	99	19.78	0.095	19.73	0.094	19.72	0.094
20	16QAM	50	0	18.70	0.074	18.63	0.073	18.76	0.075
20	16QAM	50	24	18.76	0.075	18.70	0.074	18.82	0.076
20	16QAM	50	50	18.87	0.077	18.81	0.076	18.70	0.074
20	16QAM	100	0	18.71	0.074	18.82	0.076	18.87	0.077
20	64QAM	1	0	18.74	0.075	18.71	0.074	18.84	0.077
20	64QAM	1	49	18.83	0.076	18.87	0.077	18.78	0.076
20	64QAM	1	99	18.81	0.076	18.84	0.077	18.83	0.076
20	64QAM	50	0	17.93	0.062	17.85	0.061	17.82	0.061
20	64QAM	50	24	17.81	0.060	17.76	0.060	17.82	0.061
20	64QAM	50	50	17.96	0.063	17.59	0.057	17.56	0.057
20	64QAM	100	0	17.81	0.060	17.52	0.056	17.85	0.061



LTE Band 7				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20825		21100		21375	
Frequency (MHz)				2507.5		2535		2562.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	20.36	0.109	20.42	0.110	20.40	0.110
15	QPSK	1	37	20.30	0.107	20.40	0.110	20.33	0.108
15	QPSK	1	74	20.37	0.109	20.42	0.110	20.30	0.107
15	QPSK	36	0	19.58	0.091	19.67	0.093	19.59	0.091
15	QPSK	36	20	19.57	0.091	19.70	0.093	19.52	0.090
15	QPSK	36	39	19.59	0.091	19.67	0.093	19.66	0.092
15	QPSK	75	0	19.51	0.089	19.70	0.093	19.62	0.092
15	16QAM	1	0	19.66	0.092	19.81	0.096	19.68	0.093
15	16QAM	1	37	19.47	0.089	19.76	0.095	19.78	0.095
15	16QAM	1	74	19.65	0.092	19.64	0.092	19.59	0.091
15	16QAM	36	0	18.57	0.072	18.54	0.071	18.63	0.073
15	16QAM	36	20	18.63	0.073	18.61	0.073	18.69	0.074
15	16QAM	36	39	18.74	0.075	18.72	0.074	18.57	0.072
15	16QAM	75	0	18.58	0.072	18.73	0.075	18.74	0.075
15	64QAM	1	0	18.66	0.073	18.63	0.073	18.76	0.075
15	64QAM	1	37	18.75	0.075	18.79	0.076	18.70	0.074
15	64QAM	1	74	18.73	0.075	18.76	0.075	18.75	0.075
15	64QAM	36	0	17.85	0.061	17.77	0.060	17.74	0.059
15	64QAM	36	20	17.73	0.059	17.68	0.059	17.74	0.059
15	64QAM	36	39	17.88	0.061	17.51	0.056	17.48	0.056
15	64QAM	75	0	17.73	0.059	17.44	0.055	17.77	0.060



LTE Band 7				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20800		21100		21400	
Frequency (MHz)				2505		2535		2565	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	20.44	0.111	20.48	0.112	20.39	0.109
10	QPSK	1	25	20.40	0.110	20.41	0.110	20.41	0.110
10	QPSK	1	49	20.47	0.111	20.43	0.110	20.38	0.109
10	QPSK	25	0	19.66	0.092	19.73	0.094	19.65	0.092
10	QPSK	25	12	19.65	0.092	19.76	0.095	19.58	0.091
10	QPSK	25	25	19.67	0.093	19.73	0.094	19.72	0.094
10	QPSK	50	0	19.59	0.091	19.76	0.095	19.68	0.093
10	16QAM	1	0	19.74	0.094	19.87	0.097	19.74	0.094
10	16QAM	1	25	19.55	0.090	19.82	0.096	19.84	0.096
10	16QAM	1	49	19.73	0.094	19.70	0.093	19.65	0.092
10	16QAM	25	0	18.65	0.073	18.60	0.072	18.69	0.074
10	16QAM	25	12	18.71	0.074	18.67	0.074	18.75	0.075
10	16QAM	25	25	18.82	0.076	18.78	0.076	18.63	0.073
10	16QAM	50	0	18.66	0.073	18.79	0.076	18.80	0.076
10	64QAM	1	0	18.71	0.074	18.68	0.074	18.81	0.076
10	64QAM	1	25	18.80	0.076	18.84	0.077	18.75	0.075
10	64QAM	1	49	18.78	0.076	18.81	0.076	18.80	0.076
10	64QAM	25	0	17.90	0.062	17.82	0.061	17.79	0.060
10	64QAM	25	12	17.78	0.060	17.73	0.059	17.79	0.060
10	64QAM	25	25	17.93	0.062	17.56	0.057	17.53	0.057
10	64QAM	50	0	17.78	0.060	17.49	0.056	17.82	0.061



LTE Band 7				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20775		21100		21425	
Frequency (MHz)				2502.5		2535		2567.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	20.45	0.111	20.52	0.113	20.47	0.111
5	QPSK	1	12	20.48	0.112	20.47	0.111	20.49	0.112
5	QPSK	1	24	20.50	0.112	20.49	0.112	20.46	0.111
5	QPSK	12	0	19.67	0.093	19.65	0.092	19.66	0.092
5	QPSK	12	7	19.66	0.092	19.68	0.093	19.59	0.091
5	QPSK	12	13	19.68	0.093	19.65	0.092	19.73	0.094
5	QPSK	25	0	19.60	0.091	19.68	0.093	19.69	0.093
5	16QAM	1	0	19.75	0.094	19.79	0.095	19.75	0.094
5	16QAM	1	12	19.56	0.090	19.74	0.094	19.85	0.097
5	16QAM	1	24	19.74	0.094	19.62	0.092	19.66	0.092
5	16QAM	12	0	18.66	0.073	18.52	0.071	18.70	0.074
5	16QAM	12	7	18.72	0.074	18.59	0.072	18.76	0.075
5	16QAM	12	13	18.83	0.076	18.70	0.074	18.64	0.073
5	16QAM	25	0	18.67	0.074	18.71	0.074	18.81	0.076
5	64QAM	1	0	18.69	0.074	18.66	0.073	18.79	0.076
5	64QAM	1	12	18.78	0.076	18.82	0.076	18.73	0.075
5	64QAM	1	24	18.76	0.075	18.79	0.076	18.78	0.076
5	64QAM	12	0	17.88	0.061	17.80	0.060	17.77	0.060
5	64QAM	12	7	17.76	0.060	17.71	0.059	17.77	0.060
5	64QAM	12	13	17.91	0.062	17.54	0.057	17.51	0.056
5	64QAM	25	0	17.76	0.060	17.47	0.056	17.80	0.060



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	17.08	0.051	17.09	0.051	17.07	0.051
10	QPSK	1	25	17.07	0.051	17.01	0.050	17.03	0.050
10	QPSK	1	49	17.08	0.051	17.05	0.051	17.06	0.051
10	QPSK	25	0	16.21	0.042	16.34	0.043	16.28	0.042
10	QPSK	25	12	16.26	0.042	16.14	0.041	16.13	0.041
10	QPSK	25	25	16.27	0.042	16.30	0.043	16.31	0.043
10	QPSK	50	0	16.33	0.043	16.23	0.042	16.29	0.043
10	16QAM	1	0	16.59	0.046	16.46	0.044	16.53	0.045
10	16QAM	1	25	16.42	0.044	16.65	0.046	16.42	0.044
10	16QAM	1	49	16.28	0.042	16.56	0.045	16.71	0.047
10	16QAM	25	0	15.83	0.038	15.36	0.034	15.51	0.036
10	16QAM	25	12	15.81	0.038	15.55	0.036	15.46	0.035
10	16QAM	25	25	15.49	0.035	15.60	0.036	15.36	0.034
10	16QAM	50	0	15.61	0.036	15.56	0.036	15.56	0.036
10	64QAM	1	0	15.28	0.034	15.29	0.034	15.06	0.032
10	64QAM	1	25	15.49	0.035	15.36	0.034	15.18	0.033
10	64QAM	1	49	15.36	0.034	15.25	0.033	15.34	0.034
10	64QAM	25	0	14.81	0.030	14.48	0.028	14.67	0.029
10	64QAM	25	12	14.70	0.030	14.59	0.029	14.46	0.028
10	64QAM	25	25	14.66	0.029	14.61	0.029	14.79	0.030
10	64QAM	50	0	14.84	0.030	14.73	0.030	14.80	0.030



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	17.00	0.050	17.06	0.051	17.01	0.050
5	QPSK	1	12	16.99	0.050	16.98	0.050	16.97	0.050
5	QPSK	1	24	17.00	0.050	17.02	0.050	17.00	0.050
5	QPSK	12	0	16.13	0.041	16.12	0.041	16.22	0.042
5	QPSK	12	7	16.18	0.041	16.11	0.041	16.07	0.040
5	QPSK	12	13	16.19	0.042	16.27	0.042	16.25	0.042
5	QPSK	25	0	16.25	0.042	16.20	0.042	16.23	0.042
5	16QAM	1	0	16.51	0.045	16.43	0.044	16.47	0.044
5	16QAM	1	12	16.34	0.043	16.62	0.046	16.36	0.043
5	16QAM	1	24	16.20	0.042	16.53	0.045	16.65	0.046
5	16QAM	12	0	15.75	0.038	15.33	0.034	15.45	0.035
5	16QAM	12	7	15.73	0.037	15.52	0.036	15.40	0.035
5	16QAM	12	13	15.41	0.035	15.57	0.036	15.30	0.034
5	16QAM	25	0	15.53	0.036	15.53	0.036	15.50	0.035
5	64QAM	1	0	15.20	0.033	15.21	0.033	14.98	0.031
5	64QAM	1	12	15.41	0.035	15.28	0.034	15.10	0.032
5	64QAM	1	24	15.28	0.034	15.17	0.033	15.26	0.034
5	64QAM	12	0	14.73	0.030	14.40	0.028	14.59	0.029
5	64QAM	12	7	14.62	0.029	14.51	0.028	14.38	0.027
5	64QAM	12	13	14.58	0.029	14.53	0.028	14.71	0.030
5	64QAM	25	0	14.76	0.030	14.85	0.031	14.82	0.030



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	17.04	0.051	17.05	0.051	16.98	0.050
3	QPSK	1	8	17.03	0.050	16.96	0.050	16.94	0.049
3	QPSK	1	14	17.04	0.051	17.00	0.050	16.97	0.050
3	QPSK	8	0	16.17	0.041	16.10	0.041	16.19	0.042
3	QPSK	8	4	16.22	0.042	16.09	0.041	16.04	0.040
3	QPSK	8	7	16.23	0.042	16.25	0.042	16.22	0.042
3	QPSK	15	0	16.29	0.043	16.18	0.041	16.20	0.042
3	16QAM	1	0	16.55	0.045	16.41	0.044	16.44	0.044
3	16QAM	1	8	16.38	0.043	16.60	0.046	16.33	0.043
3	16QAM	1	14	16.24	0.042	16.51	0.045	16.62	0.046
3	16QAM	8	0	15.79	0.038	15.40	0.035	15.51	0.036
3	16QAM	8	4	15.77	0.038	15.59	0.036	15.46	0.035
3	16QAM	8	7	15.45	0.035	15.64	0.037	15.36	0.034
3	16QAM	15	0	15.57	0.036	15.60	0.036	15.56	0.036
3	64QAM	1	0	15.21	0.033	15.22	0.033	14.99	0.032
3	64QAM	1	8	15.42	0.035	15.29	0.034	15.11	0.032
3	64QAM	1	14	15.29	0.034	15.18	0.033	15.27	0.034
3	64QAM	8	0	14.74	0.030	14.41	0.028	14.60	0.029
3	64QAM	8	4	14.63	0.029	14.52	0.028	14.39	0.027
3	64QAM	8	7	14.59	0.029	14.54	0.028	14.72	0.030
3	64QAM	15	0	14.77	0.030	14.86	0.031	14.83	0.030



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	16.95	0.050	17.02	0.050	16.94	0.049
1.4	QPSK	1	3	16.94	0.049	16.94	0.049	16.90	0.049
1.4	QPSK	1	5	16.95	0.050	16.98	0.050	16.93	0.049
1.4	QPSK	3	0	16.08	0.041	16.08	0.041	16.15	0.041
1.4	QPSK	3	1	16.13	0.041	16.07	0.040	16.00	0.040
1.4	QPSK	3	3	16.14	0.041	16.23	0.042	16.18	0.041
1.4	QPSK	6	0	16.20	0.042	16.16	0.041	16.16	0.041
1.4	16QAM	1	0	16.46	0.044	16.39	0.044	16.40	0.044
1.4	16QAM	1	3	16.29	0.043	16.58	0.045	16.29	0.043
1.4	16QAM	1	5	16.15	0.041	16.49	0.045	16.56	0.045
1.4	16QAM	3	0	15.70	0.037	15.29	0.034	15.38	0.035
1.4	16QAM	3	1	15.68	0.037	15.48	0.035	15.33	0.034
1.4	16QAM	3	3	15.36	0.034	15.53	0.036	15.23	0.033
1.4	16QAM	6	0	15.48	0.035	15.49	0.035	15.43	0.035
1.4	64QAM	1	0	15.35	0.034	15.36	0.034	15.13	0.033
1.4	64QAM	1	3	15.56	0.036	15.43	0.035	15.25	0.033
1.4	64QAM	1	5	15.43	0.035	15.32	0.034	15.41	0.035
1.4	64QAM	3	0	14.88	0.031	14.55	0.029	14.74	0.030
1.4	64QAM	3	1	14.77	0.030	14.66	0.029	14.53	0.028
1.4	64QAM	3	3	14.73	0.030	14.68	0.029	14.86	0.031
1.4	64QAM	6	0	14.91	0.031	15.00	0.032	14.97	0.031



LTE Band 13				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				/		23230		/	
Frequency (MHz)				/		782		/	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	/	/	17.13	0.052	/	/
10	QPSK	1	25	/	/	16.98	0.050	/	/
10	QPSK	1	49	/	/	17.05	0.051	/	/
10	QPSK	25	0	/	/	16.08	0.041	/	/
10	QPSK	25	12	/	/	16.06	0.040	/	/
10	QPSK	25	25	/	/	16.05	0.040	/	/
10	QPSK	50	0	/	/	16.01	0.040	/	/
10	16QAM	1	0	/	/	16.49	0.045	/	/
10	16QAM	1	25	/	/	16.26	0.042	/	/
10	16QAM	1	49	/	/	16.31	0.043	/	/
10	16QAM	25	0	/	/	15.50	0.035	/	/
10	16QAM	25	12	/	/	15.44	0.035	/	/
10	16QAM	25	25	/	/	15.45	0.035	/	/
10	16QAM	50	0	/	/	15.27	0.034	/	/
10	64QAM	1	0	/	/	15.49	0.035	/	/
10	64QAM	1	25	/	/	15.56	0.036	/	/
10	64QAM	1	49	/	/	15.36	0.034	/	/
10	64QAM	25	0	/	/	14.67	0.029	/	/
10	64QAM	25	12	/	/	14.65	0.029	/	/
10	64QAM	25	25	/	/	14.63	0.029	/	/
10	64QAM	50	0	/	/	14.75	0.030	/	/



LTE Band 13				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23205		23230		23255	
Frequency (MHz)				779.5		782		784.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	16.92	0.049	17.02	0.050	16.96	0.050
5	QPSK	1	12	16.85	0.048	16.95	0.050	16.89	0.049
5	QPSK	1	24	16.90	0.049	17.00	0.050	16.92	0.049
5	QPSK	12	0	15.77	0.038	15.92	0.039	15.81	0.038
5	QPSK	12	7	15.88	0.039	16.03	0.040	15.86	0.039
5	QPSK	12	13	15.87	0.039	16.02	0.040	15.99	0.040
5	QPSK	25	0	15.81	0.038	15.96	0.039	15.87	0.039
5	16QAM	1	0	16.36	0.043	16.46	0.044	16.33	0.043
5	16QAM	1	12	16.11	0.041	16.21	0.042	16.04	0.040
5	16QAM	1	24	16.18	0.042	16.28	0.042	16.12	0.041
5	16QAM	12	0	15.32	0.034	15.42	0.035	15.26	0.034
5	16QAM	12	7	15.31	0.034	15.41	0.035	15.30	0.034
5	16QAM	12	13	15.30	0.034	15.40	0.035	15.38	0.035
5	16QAM	25	0	15.14	0.033	15.24	0.033	15.17	0.033
5	64QAM	1	0	15.28	0.034	15.41	0.035	15.38	0.035
5	64QAM	1	12	15.35	0.034	15.48	0.035	15.46	0.035
5	64QAM	1	24	15.15	0.033	15.28	0.034	15.21	0.033
5	64QAM	12	0	14.44	0.028	14.59	0.029	14.50	0.028
5	64QAM	12	7	14.42	0.028	14.57	0.029	14.48	0.028
5	64QAM	12	13	14.40	0.028	14.55	0.029	14.46	0.028
5	64QAM	25	0	14.52	0.028	14.67	0.029	14.58	0.029



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	17.05	0.051	17.09	0.051	17.02	0.050
10	QPSK	1	25	17.03	0.050	17.06	0.051	16.99	0.050
10	QPSK	1	49	16.99	0.050	17.08	0.051	17.07	0.051
10	QPSK	25	0	16.11	0.041	16.23	0.042	16.21	0.042
10	QPSK	25	12	16.14	0.041	16.13	0.041	16.03	0.040
10	QPSK	25	25	16.23	0.042	16.10	0.041	16.21	0.042
10	QPSK	50	0	16.11	0.041	16.22	0.042	16.19	0.042
10	16QAM	1	0	16.25	0.042	16.37	0.043	16.45	0.044
10	16QAM	1	25	16.37	0.043	16.28	0.042	16.33	0.043
10	16QAM	1	49	16.32	0.043	16.40	0.044	16.39	0.044
10	16QAM	25	0	15.34	0.034	15.39	0.035	15.41	0.035
10	16QAM	25	12	15.75	0.038	15.53	0.036	15.42	0.035
10	16QAM	25	25	15.46	0.035	15.26	0.034	15.29	0.034
10	16QAM	50	0	15.50	0.035	15.47	0.035	15.53	0.036
10	64QAM	1	0	15.40	0.035	15.38	0.035	15.30	0.034
10	64QAM	1	25	15.61	0.036	15.42	0.035	15.33	0.034
10	64QAM	1	49	15.27	0.034	15.48	0.035	15.36	0.034
10	64QAM	25	0	14.62	0.029	14.56	0.029	14.59	0.029
10	64QAM	25	12	14.65	0.029	14.45	0.028	14.65	0.029
10	64QAM	25	25	14.74	0.030	14.51	0.028	14.58	0.029
10	64QAM	50	0	14.70	0.030	14.68	0.029	14.71	0.030



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	16.96	0.050	17.05	0.051	16.98	0.050
5	QPSK	1	12	16.94	0.049	17.02	0.050	16.91	0.049
5	QPSK	1	24	16.90	0.049	17.04	0.051	16.99	0.050
5	QPSK	12	0	16.02	0.040	16.00	0.040	16.13	0.041
5	QPSK	12	7	16.05	0.040	16.09	0.041	15.95	0.039
5	QPSK	12	13	16.14	0.041	16.06	0.040	16.13	0.041
5	QPSK	25	0	16.02	0.040	16.18	0.041	16.11	0.041
5	16QAM	1	0	16.16	0.041	16.33	0.043	16.37	0.043
5	16QAM	1	12	16.28	0.042	16.24	0.042	16.25	0.042
5	16QAM	1	24	16.23	0.042	16.36	0.043	16.31	0.043
5	16QAM	12	0	15.25	0.033	15.35	0.034	15.33	0.034
5	16QAM	12	7	15.66	0.037	15.49	0.035	15.34	0.034
5	16QAM	12	13	15.37	0.034	15.22	0.033	15.21	0.033
5	16QAM	25	0	15.41	0.035	15.43	0.035	15.45	0.035
5	64QAM	1	0	15.31	0.034	15.29	0.034	15.21	0.033
5	64QAM	1	12	15.52	0.036	15.33	0.034	15.24	0.033
5	64QAM	1	24	15.18	0.033	15.39	0.035	15.27	0.034
5	64QAM	12	0	14.53	0.028	14.47	0.028	14.50	0.028
5	64QAM	12	7	14.56	0.029	14.36	0.027	14.56	0.029
5	64QAM	12	13	14.65	0.029	14.42	0.028	14.49	0.028
5	64QAM	25	0	14.61	0.029	14.59	0.029	14.62	0.029



LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26865		26915		26965	
Frequency (MHz)				831.5		836.5		841.5	
				dbm	W	dbm	W	dbm	W
15	QPSK	1	0	17.09	0.051	16.99	0.050	17.08	0.051
15	QPSK	1	37	17.05	0.051	16.95	0.050	17.05	0.051
15	QPSK	1	74	17.07	0.051	16.97	0.050	17.08	0.051
15	QPSK	36	0	16.17	0.041	16.10	0.041	16.06	0.040
15	QPSK	36	20	16.16	0.041	16.09	0.041	16.11	0.041
15	QPSK	36	39	16.15	0.041	16.09	0.041	16.15	0.041
15	QPSK	75	0	16.13	0.041	16.05	0.040	16.13	0.041
15	16QAM	1	0	16.46	0.044	16.38	0.043	16.20	0.042
15	16QAM	1	37	16.47	0.044	16.41	0.044	16.38	0.043
15	16QAM	1	74	16.48	0.044	16.44	0.044	16.33	0.043
15	16QAM	36	0	15.57	0.036	15.52	0.036	15.27	0.034
15	16QAM	36	20	15.52	0.036	15.46	0.035	15.24	0.033
15	16QAM	36	39	15.54	0.036	15.42	0.035	15.58	0.036
15	16QAM	75	0	15.56	0.036	15.54	0.036	15.26	0.034
15	64QAM	1	0	15.49	0.035	15.41	0.035	15.68	0.037
15	64QAM	1	37	15.46	0.035	15.34	0.034	15.58	0.036
15	64QAM	1	74	15.55	0.036	15.47	0.035	15.70	0.037
15	64QAM	36	0	14.88	0.031	14.82	0.030	14.59	0.029
15	64QAM	36	20	14.73	0.030	14.62	0.029	14.73	0.030
15	64QAM	36	39	14.69	0.029	14.66	0.029	14.66	0.029
15	64QAM	75	0	14.79	0.030	14.73	0.030	14.44	0.028



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	16.96	0.050	16.90	0.049	17.00	0.050
10	QPSK	1	25	16.92	0.049	16.91	0.049	17.02	0.050
10	QPSK	1	49	17.00	0.050	16.92	0.049	17.02	0.050
10	QPSK	25	0	15.91	0.039	15.92	0.039	16.00	0.040
10	QPSK	25	12	16.01	0.040	16.02	0.040	16.05	0.040
10	QPSK	25	25	16.06	0.040	16.11	0.041	16.12	0.041
10	QPSK	50	0	16.00	0.040	16.02	0.040	16.07	0.040
10	16QAM	1	0	16.13	0.041	16.10	0.041	16.14	0.041
10	16QAM	1	25	16.30	0.043	16.29	0.043	16.32	0.043
10	16QAM	1	49	16.25	0.042	16.25	0.042	16.27	0.042
10	16QAM	25	0	15.13	0.033	15.09	0.032	15.21	0.033
10	16QAM	25	12	15.07	0.032	15.07	0.032	15.18	0.033
10	16QAM	25	25	15.42	0.035	15.45	0.035	15.52	0.036
10	16QAM	50	0	15.19	0.033	15.15	0.033	15.20	0.033
10	64QAM	1	0	15.57	0.036	15.51	0.036	15.61	0.036
10	64QAM	1	25	15.39	0.035	15.49	0.035	15.51	0.036
10	64QAM	1	49	15.60	0.036	15.57	0.036	15.63	0.037
10	64QAM	25	0	14.41	0.028	14.48	0.028	14.52	0.028
10	64QAM	25	12	14.61	0.029	14.54	0.028	14.66	0.029
10	64QAM	25	25	14.48	0.028	14.51	0.028	14.59	0.029
10	64QAM	50	0	14.34	0.027	14.33	0.027	14.37	0.027



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	16.93	0.049	16.89	0.049	16.97	0.050
5	QPSK	1	12	16.91	0.049	16.87	0.049	16.99	0.050
5	QPSK	1	24	16.96	0.050	16.88	0.049	16.99	0.050
5	QPSK	12	0	15.92	0.039	15.92	0.039	15.97	0.040
5	QPSK	12	7	15.99	0.040	16.01	0.040	16.02	0.040
5	QPSK	12	13	15.98	0.040	15.98	0.040	16.09	0.041
5	QPSK	25	0	15.96	0.039	15.95	0.039	16.04	0.040
5	16QAM	1	0	16.04	0.040	16.01	0.040	16.11	0.041
5	16QAM	1	12	16.26	0.042	16.17	0.041	16.29	0.043
5	16QAM	1	24	16.20	0.042	16.19	0.042	16.24	0.042
5	16QAM	12	0	15.09	0.032	15.07	0.032	15.18	0.033
5	16QAM	12	7	15.03	0.032	15.14	0.033	15.15	0.033
5	16QAM	12	13	15.48	0.035	15.45	0.035	15.49	0.035
5	16QAM	25	0	15.11	0.032	15.07	0.032	15.17	0.033
5	64QAM	1	0	15.51	0.036	15.53	0.036	15.63	0.037
5	64QAM	1	12	15.42	0.035	15.49	0.035	15.53	0.036
5	64QAM	1	24	15.60	0.036	15.60	0.036	15.65	0.037
5	64QAM	12	0	14.47	0.028	14.46	0.028	14.54	0.028
5	64QAM	12	7	14.65	0.029	14.67	0.029	14.68	0.029
5	64QAM	12	13	14.51	0.028	14.56	0.029	14.61	0.029
5	64QAM	25	0	14.38	0.027	14.31	0.027	14.39	0.027



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	16.96	0.050	16.90	0.049	16.98	0.050
3	QPSK	1	8	16.88	0.049	16.96	0.050	17.00	0.050
3	QPSK	1	14	16.88	0.049	16.90	0.049	17.00	0.050
3	QPSK	8	0	15.92	0.039	15.95	0.039	15.98	0.040
3	QPSK	8	4	15.98	0.040	15.92	0.039	16.03	0.040
3	QPSK	8	7	16.05	0.040	16.03	0.040	16.10	0.041
3	QPSK	15	0	15.93	0.039	15.96	0.039	16.05	0.040
3	16QAM	1	0	16.04	0.040	16.03	0.040	16.12	0.041
3	16QAM	1	8	16.21	0.042	16.24	0.042	16.30	0.043
3	16QAM	1	14	16.20	0.042	16.18	0.041	16.25	0.042
3	16QAM	8	0	15.13	0.033	15.15	0.033	15.19	0.033
3	16QAM	8	4	15.04	0.032	15.15	0.033	15.16	0.033
3	16QAM	8	7	15.46	0.035	15.41	0.035	15.50	0.035
3	16QAM	15	0	15.20	0.033	15.23	0.033	15.26	0.034
3	64QAM	1	0	15.44	0.035	15.54	0.036	15.56	0.036
3	64QAM	1	8	15.35	0.034	15.36	0.034	15.46	0.035
3	64QAM	1	14	15.57	0.036	15.52	0.036	15.58	0.036
3	64QAM	8	0	14.46	0.028	14.37	0.027	14.47	0.028
3	64QAM	8	4	14.53	0.028	14.55	0.029	14.61	0.029
3	64QAM	8	7	14.53	0.028	14.48	0.028	14.54	0.028
3	64QAM	15	0	14.24	0.027	14.21	0.026	14.32	0.027



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	16.89	0.049	16.91	0.049	16.99	0.050
1.4	QPSK	1	3	16.95	0.050	16.88	0.049	16.97	0.050
1.4	QPSK	1	5	16.88	0.049	16.86	0.049	16.97	0.050
1.4	QPSK	3	0	15.93	0.039	15.90	0.039	15.95	0.039
1.4	QPSK	3	1	15.92	0.039	15.96	0.039	16.00	0.040
1.4	QPSK	3	3	16.05	0.040	15.98	0.040	16.07	0.040
1.4	QPSK	6	0	16.00	0.040	16.00	0.040	16.02	0.040
1.4	16QAM	1	0	16.04	0.040	16.08	0.041	16.09	0.041
1.4	16QAM	1	3	16.26	0.042	16.19	0.042	16.27	0.042
1.4	16QAM	1	5	16.18	0.041	16.18	0.041	16.22	0.042
1.4	16QAM	3	0	15.14	0.033	15.14	0.033	15.16	0.033
1.4	16QAM	3	1	15.02	0.032	15.06	0.032	15.13	0.033
1.4	16QAM	3	3	15.45	0.035	15.36	0.034	15.47	0.035
1.4	16QAM	6	0	15.07	0.032	15.08	0.032	15.15	0.033
1.4	64QAM	1	0	15.71	0.037	15.79	0.038	15.80	0.038
1.4	64QAM	1	3	15.66	0.037	15.61	0.036	15.70	0.037
1.4	64QAM	1	5	15.80	0.038	15.70	0.037	15.82	0.038
1.4	64QAM	3	0	14.66	0.029	14.61	0.029	14.71	0.030
1.4	64QAM	3	1	14.75	0.030	14.83	0.030	14.85	0.031
1.4	64QAM	3	3	14.69	0.029	14.73	0.030	14.78	0.030
1.4	64QAM	6	0	14.47	0.028	14.50	0.028	14.56	0.029



LTE Band 38				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				37850		38000		38150	
Frequency (MHz)				2580		2595		2610	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	20.80	0.120	20.84	0.121	20.83	0.121
20	QPSK	1	49	20.71	0.118	20.73	0.118	20.76	0.119
20	QPSK	1	99	20.66	0.116	20.65	0.116	20.77	0.119
20	QPSK	50	0	19.85	0.097	19.90	0.098	19.86	0.097
20	QPSK	50	24	19.82	0.096	19.71	0.094	19.75	0.094
20	QPSK	50	50	19.87	0.097	19.82	0.096	19.79	0.095
20	QPSK	100	0	19.76	0.095	19.84	0.096	19.84	0.096
20	16QAM	1	0	19.72	0.094	19.96	0.099	20.01	0.100
20	16QAM	1	49	19.75	0.094	20.03	0.101	19.99	0.100
20	16QAM	1	99	19.67	0.093	19.91	0.098	19.96	0.099
20	16QAM	50	0	19.06	0.081	19.01	0.080	18.81	0.076
20	16QAM	50	24	18.98	0.079	18.97	0.079	18.92	0.078
20	16QAM	50	50	18.97	0.079	18.98	0.079	18.86	0.077
20	16QAM	100	0	18.85	0.077	18.93	0.078	18.89	0.077
20	64QAM	1	0	18.88	0.077	18.72	0.074	18.70	0.074
20	64QAM	1	49	18.82	0.076	18.92	0.078	18.83	0.076
20	64QAM	1	99	18.84	0.077	18.88	0.077	18.80	0.076
20	64QAM	50	0	18.17	0.066	18.47	0.070	18.25	0.067
20	64QAM	50	24	18.26	0.067	18.44	0.070	18.41	0.069
20	64QAM	50	50	18.39	0.069	18.52	0.071	18.33	0.068
20	64QAM	100	0	18.13	0.065	18.27	0.067	18.16	0.065



LTE Band 38				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				37825		38000		38175	
Frequency (MHz)				2577.5		2595		2612.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	20.72	0.118	20.78	0.120	20.70	0.117
15	QPSK	1	37	20.63	0.116	20.67	0.117	20.63	0.116
15	QPSK	1	74	20.58	0.114	20.59	0.115	20.64	0.116
15	QPSK	36	0	19.77	0.095	19.80	0.095	19.77	0.095
15	QPSK	36	20	19.74	0.094	19.65	0.092	19.62	0.092
15	QPSK	36	39	19.79	0.095	19.76	0.095	19.66	0.092
15	QPSK	75	0	19.68	0.093	19.78	0.095	19.71	0.094
15	16QAM	1	0	19.64	0.092	19.90	0.098	19.88	0.097
15	16QAM	1	37	19.67	0.093	19.97	0.099	19.86	0.097
15	16QAM	1	74	19.59	0.091	19.85	0.097	19.83	0.096
15	16QAM	36	0	18.98	0.079	18.95	0.079	18.68	0.074
15	16QAM	36	20	18.90	0.078	18.91	0.078	18.79	0.076
15	16QAM	36	39	18.89	0.077	18.92	0.078	18.73	0.075
15	16QAM	75	0	18.77	0.075	18.87	0.077	18.76	0.075
15	64QAM	1	0	18.80	0.076	18.64	0.073	18.62	0.073
15	64QAM	1	37	18.74	0.075	18.84	0.077	18.75	0.075
15	64QAM	1	74	18.76	0.075	18.80	0.076	18.72	0.074
15	64QAM	36	0	18.09	0.064	18.39	0.069	18.17	0.066
15	64QAM	36	20	18.18	0.066	18.36	0.069	18.33	0.068
15	64QAM	36	39	18.31	0.068	18.44	0.070	18.25	0.067
15	64QAM	75	0	18.05	0.064	18.19	0.066	18.08	0.064



LTE Band 38				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				37800		38000		38200	
Frequency (MHz)				2575		2595		2615	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	20.68	0.117	20.80	0.120	20.74	0.119
10	QPSK	1	25	20.69	0.117	20.78	0.120	20.77	0.119
10	QPSK	1	49	20.74	0.119	20.70	0.117	20.68	0.117
10	QPSK	25	0	19.73	0.094	19.81	0.096	19.81	0.096
10	QPSK	25	12	19.70	0.093	19.66	0.092	19.66	0.092
10	QPSK	25	25	19.75	0.094	19.77	0.095	19.70	0.093
10	QPSK	50	0	19.64	0.092	19.79	0.095	19.75	0.094
10	16QAM	1	0	19.60	0.091	19.91	0.098	19.92	0.098
10	16QAM	1	25	19.63	0.092	19.98	0.100	19.90	0.098
10	16QAM	1	49	19.55	0.090	19.86	0.097	19.87	0.097
10	16QAM	25	0	18.94	0.078	18.96	0.079	18.72	0.074
10	16QAM	25	12	18.86	0.077	18.92	0.078	18.83	0.076
10	16QAM	25	25	18.85	0.077	18.93	0.078	18.77	0.075
10	16QAM	50	0	18.73	0.075	18.88	0.077	18.80	0.076
10	64QAM	1	0	18.84	0.077	18.68	0.074	18.66	0.073
10	64QAM	1	25	18.78	0.076	18.88	0.077	18.79	0.076
10	64QAM	1	49	18.80	0.076	18.84	0.077	18.76	0.075
10	64QAM	25	0	18.13	0.065	18.43	0.070	18.21	0.066
10	64QAM	25	12	18.22	0.066	18.40	0.069	18.37	0.069
10	64QAM	25	25	18.35	0.068	18.48	0.070	18.29	0.067
10	64QAM	50	0	18.09	0.064	18.23	0.067	18.12	0.065



LTE Band 38				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				37775		38000		38225	
Frequency (MHz)				2572.5		2595		2617.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	20.75	0.119	20.79	0.120	20.78	0.120
5	QPSK	1	12	20.66	0.116	20.70	0.117	20.71	0.118
5	QPSK	1	24	20.61	0.115	20.62	0.115	20.72	0.118
5	QPSK	12	0	19.80	0.095	19.83	0.096	19.85	0.097
5	QPSK	12	7	19.77	0.095	19.68	0.093	19.70	0.093
5	QPSK	12	13	19.82	0.096	19.79	0.095	19.74	0.094
5	QPSK	25	0	19.71	0.094	19.81	0.096	19.79	0.095
5	16QAM	1	0	19.67	0.093	19.93	0.098	19.96	0.099
5	16QAM	1	12	19.70	0.093	20.00	0.100	19.94	0.099
5	16QAM	1	24	19.62	0.092	19.88	0.097	19.91	0.098
5	16QAM	12	0	19.01	0.080	18.98	0.079	18.76	0.075
5	16QAM	12	7	18.93	0.078	18.94	0.078	18.87	0.077
5	16QAM	12	13	18.92	0.078	18.95	0.079	18.81	0.076
5	16QAM	25	0	18.80	0.076	18.90	0.078	18.84	0.077
5	64QAM	1	0	18.79	0.076	18.63	0.073	18.61	0.001
5	64QAM	1	12	18.73	0.075	18.83	0.076	18.74	0.001
5	64QAM	1	24	18.75	0.075	18.79	0.076	18.71	0.001
5	64QAM	12	0	18.08	0.064	18.38	0.069	18.16	0.001
5	64QAM	12	7	18.17	0.066	18.35	0.068	18.32	0.001
5	64QAM	12	13	18.30	0.068	18.43	0.070	18.24	0.001
5	64QAM	25	0	18.04	0.064	18.18	0.066	18.07	0.001



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	/	/	20.67	0.117	/	/
10	QPSK	1	25	/	/	20.51	0.112	/	/
10	QPSK	1	49	/	/	20.34	0.108	/	/
10	QPSK	25	0	/	/	19.63	0.092	/	/
10	QPSK	25	12	/	/	19.68	0.093	/	/
10	QPSK	25	25	/	/	19.49	0.089	/	/
10	QPSK	50	0	/	/	19.68	0.093	/	/
10	16QAM	1	0	/	/	19.59	0.091	/	/
10	16QAM	1	25	/	/	19.43	0.088	/	/
10	16QAM	1	49	/	/	19.35	0.086	/	/
10	16QAM	25	0	/	/	18.85	0.077	/	/
10	16QAM	25	12	/	/	18.75	0.075	/	/
10	16QAM	25	25	/	/	18.78	0.076	/	/
10	16QAM	50	0	/	/	18.83	0.076	/	/
10	64QAM	1	0	/	/	18.46	0.070	/	/
10	64QAM	1	25	/	/	18.25	0.067	/	/
10	64QAM	1	49	/	/	18.21	0.066	/	/
10	64QAM	25	0	/	/	17.85	0.061	/	/
10	64QAM	25	12	/	/	17.72	0.059	/	/
10	64QAM	25	25	/	/	17.70	0.059	/	/
10	64QAM	50	0	/	/	17.82	0.061	/	/



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	20.51	0.112	20.38	0.109	20.50	0.112
5	QPSK	1	12	20.37	0.109	20.18	0.104	20.49	0.112
5	QPSK	1	24	20.35	0.108	20.01	0.100	20.43	0.110
5	QPSK	12	0	19.46	0.088	19.30	0.085	19.38	0.087
5	QPSK	12	7	19.22	0.084	19.35	0.086	19.43	0.088
5	QPSK	12	13	19.16	0.082	19.16	0.082	19.37	0.086
5	QPSK	25	0	19.30	0.085	19.35	0.086	19.46	0.088
5	16QAM	1	0	19.27	0.085	19.26	0.084	19.30	0.085
5	16QAM	1	12	19.10	0.081	19.10	0.081	19.12	0.082
5	16QAM	1	24	18.91	0.078	19.02	0.080	19.05	0.080
5	16QAM	12	0	18.66	0.073	18.52	0.071	18.73	0.075
5	16QAM	12	7	18.53	0.071	18.42	0.070	18.68	0.074
5	16QAM	12	13	18.46	0.070	18.45	0.070	18.74	0.075
5	16QAM	25	0	18.57	0.072	18.50	0.071	18.59	0.072
5	64QAM	1	0	18.46	0.070	18.42	0.070	18.40	0.069
5	64QAM	1	12	18.17	0.066	18.21	0.066	18.19	0.066
5	64QAM	1	24	18.13	0.065	18.17	0.066	18.15	0.065
5	64QAM	12	0	17.77	0.060	17.81	0.060	17.79	0.060
5	64QAM	12	7	17.64	0.058	17.68	0.059	17.66	0.058
5	64QAM	12	13	17.62	0.058	17.66	0.058	17.64	0.058
5	64QAM	25	0	17.74	0.059	17.78	0.060	17.76	0.060



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	/	/	20.61	0.115	/	/
10	QPSK	1	25	/	/	20.57	0.114	/	/
10	QPSK	1	49	/	/	20.52	0.113	/	/
10	QPSK	25	0	/	/	19.65	0.092	/	/
10	QPSK	25	12	/	/	19.70	0.093	/	/
10	QPSK	25	25	/	/	19.64	0.092	/	/
10	QPSK	50	0	/	/	19.70	0.093	/	/
10	16QAM	1	0	/	/	19.57	0.091	/	/
10	16QAM	1	25	/	/	19.39	0.087	/	/
10	16QAM	1	49	/	/	19.32	0.086	/	/
10	16QAM	25	0	/	/	19.00	0.079	/	/
10	16QAM	25	12	/	/	18.95	0.079	/	/
10	16QAM	25	25	/	/	19.01	0.080	/	/
10	16QAM	50	0	/	/	18.86	0.077	/	/
10	64QAM	1	0	/	/	18.69	0.074	/	/
10	64QAM	1	25	/	/	18.60	0.072	/	/
10	64QAM	1	49	/	/	18.57	0.072	/	/
10	64QAM	25	0	/	/	17.87	0.061	/	/
10	64QAM	25	12	/	/	17.75	0.060	/	/
10	64QAM	25	25	/	/	17.69	0.059	/	/
10	64QAM	50	0	/	/	17.74	0.059	/	/



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	20.52	0.113	20.55	0.114	20.53	0.113
5	QPSK	1	12	20.52	0.113	20.45	0.111	20.49	0.112
5	QPSK	1	24	20.50	0.112	20.28	0.107	20.51	0.112
5	QPSK	12	0	19.61	0.091	19.57	0.091	19.50	0.089
5	QPSK	12	7	19.37	0.086	19.62	0.092	19.66	0.092
5	QPSK	12	13	19.31	0.085	19.43	0.088	19.60	0.091
5	QPSK	25	0	19.45	0.088	19.62	0.092	19.69	0.093
5	16QAM	1	0	19.42	0.087	19.53	0.090	19.53	0.090
5	16QAM	1	12	19.25	0.084	19.37	0.086	19.35	0.086
5	16QAM	1	24	19.06	0.081	19.29	0.085	19.28	0.085
5	16QAM	12	0	18.81	0.076	18.79	0.076	18.96	0.079
5	16QAM	12	7	18.68	0.074	18.69	0.074	18.91	0.078
5	16QAM	12	13	18.61	0.073	18.72	0.074	18.97	0.079
5	16QAM	25	0	18.72	0.074	18.77	0.075	18.82	0.076
5	64QAM	1	0	18.64	0.073	18.66	0.073	18.62	0.073
5	64QAM	1	12	18.55	0.072	18.57	0.072	18.53	0.071
5	64QAM	1	24	18.52	0.071	18.54	0.071	18.50	0.071
5	64QAM	12	0	17.82	0.061	17.84	0.061	17.80	0.060
5	64QAM	12	7	17.70	0.059	17.72	0.059	17.68	0.059
5	64QAM	12	13	17.64	0.058	17.66	0.058	17.62	0.058
5	64QAM	25	0	17.69	0.059	17.71	0.059	17.67	0.058



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				40140		40640		41140	
Frequency (MHz)				2545		2595		2645	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	20.96	0.125	21.16	0.131	20.93	0.124
20	QPSK	1	49	20.95	0.124	20.82	0.121	20.74	0.119
20	QPSK	1	99	20.89	0.123	20.70	0.117	20.69	0.117
20	QPSK	50	0	19.80	0.095	19.82	0.096	19.79	0.095
20	QPSK	50	24	19.66	0.092	19.76	0.095	19.66	0.092
20	QPSK	50	50	19.63	0.092	19.78	0.095	19.51	0.089
20	QPSK	100	0	19.69	0.093	19.68	0.093	19.76	0.095
20	16QAM	1	0	19.51	0.089	19.47	0.089	19.61	0.091
20	16QAM	1	49	19.43	0.088	19.48	0.089	19.33	0.086
20	16QAM	1	99	19.47	0.089	19.41	0.087	19.19	0.083
20	16QAM	50	0	19.06	0.081	18.95	0.079	18.94	0.078
20	16QAM	50	24	19.02	0.080	18.89	0.077	18.99	0.079
20	16QAM	50	50	18.97	0.079	18.91	0.078	18.96	0.079
20	16QAM	100	0	19.02	0.080	18.86	0.077	18.88	0.077
20	64QAM	1	0	18.61	0.073	18.89	0.077	18.69	0.074
20	64QAM	1	49	18.63	0.073	18.77	0.075	18.66	0.073
20	64QAM	1	99	18.74	0.075	18.81	0.076	18.63	0.073
20	64QAM	50	0	17.81	0.060	17.96	0.063	17.68	0.059
20	64QAM	50	24	17.94	0.062	17.88	0.061	17.80	0.060
20	64QAM	50	50	17.80	0.060	17.93	0.062	17.92	0.062
20	64QAM	100	0	17.78	0.060	18.01	0.063	17.66	0.058



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				40115		40640		41165	
Frequency (MHz)				2542.5		2595		2647.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	20.92	0.124	21.08	0.128	20.86	0.122
15	QPSK	1	37	20.63	0.116	20.78	0.120	20.67	0.117
15	QPSK	1	74	20.85	0.122	20.66	0.116	20.62	0.115
15	QPSK	36	0	19.64	0.092	19.78	0.095	19.72	0.094
15	QPSK	36	20	19.73	0.094	19.72	0.094	19.59	0.091
15	QPSK	36	39	19.64	0.092	19.74	0.094	19.44	0.088
15	QPSK	75	0	19.65	0.092	19.64	0.092	19.69	0.093
15	16QAM	1	0	19.43	0.088	19.43	0.088	19.54	0.090
15	16QAM	1	37	19.35	0.086	19.44	0.088	19.26	0.084
15	16QAM	1	74	19.39	0.087	19.37	0.086	19.12	0.082
15	16QAM	36	0	18.98	0.079	18.91	0.078	18.87	0.077
15	16QAM	36	20	18.94	0.078	18.85	0.077	18.92	0.078
15	16QAM	36	39	18.89	0.077	18.87	0.077	18.89	0.077
15	16QAM	75	0	18.94	0.078	18.82	0.076	18.81	0.076
15	64QAM	1	0	18.55	0.072	18.83	0.076	18.63	0.073
15	64QAM	1	37	18.57	0.072	18.71	0.074	18.60	0.072
15	64QAM	1	74	18.68	0.074	18.75	0.075	18.57	0.072
15	64QAM	36	0	17.75	0.060	17.90	0.062	17.62	0.058
15	64QAM	36	20	17.88	0.061	17.82	0.061	17.74	0.059
15	64QAM	36	39	17.74	0.059	17.87	0.061	17.86	0.061
15	64QAM	75	0	17.72	0.059	17.95	0.062	17.60	0.058



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	20.69	0.117	20.93	0.124	20.64	0.116
10	QPSK	1	25	20.74	0.119	20.77	0.119	20.63	0.116
10	QPSK	1	49	20.82	0.121	20.65	0.116	20.58	0.114
10	QPSK	25	0	19.78	0.095	19.77	0.095	19.68	0.093
10	QPSK	25	12	19.81	0.096	19.71	0.094	19.55	0.090
10	QPSK	25	25	19.56	0.090	19.73	0.094	19.40	0.087
10	QPSK	50	0	19.63	0.092	19.63	0.092	19.65	0.092
10	16QAM	1	0	19.65	0.092	19.42	0.087	19.50	0.089
10	16QAM	1	25	19.44	0.088	19.43	0.088	19.22	0.084
10	16QAM	1	49	19.54	0.090	19.36	0.086	19.08	0.081
10	16QAM	25	0	18.95	0.079	18.90	0.078	18.83	0.076
10	16QAM	25	12	18.91	0.078	18.84	0.077	18.88	0.077
10	16QAM	25	25	18.86	0.077	18.86	0.077	18.85	0.077
10	16QAM	50	0	18.91	0.078	18.81	0.076	18.77	0.075
10	64QAM	1	0	18.57	0.072	18.85	0.077	18.65	0.073
10	64QAM	1	25	18.59	0.072	18.73	0.075	18.62	0.073
10	64QAM	1	49	18.70	0.074	18.77	0.075	18.59	0.072
10	64QAM	25	0	17.77	0.060	17.92	0.062	17.64	0.058
10	64QAM	25	12	17.90	0.062	17.84	0.061	17.76	0.060
10	64QAM	25	25	17.76	0.060	17.89	0.062	17.88	0.061
10	64QAM	50	0	17.74	0.059	17.97	0.063	17.62	0.058



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	20.79	0.120	21.01	0.126	20.72	0.118
5	QPSK	1	12	20.85	0.122	20.72	0.118	20.74	0.119
5	QPSK	1	24	20.81	0.121	20.67	0.117	20.57	0.114
5	QPSK	12	0	19.66	0.092	19.79	0.095	19.67	0.093
5	QPSK	12	7	19.59	0.091	19.73	0.094	19.54	0.090
5	QPSK	12	13	19.60	0.091	19.75	0.094	19.39	0.087
5	QPSK	25	0	19.57	0.091	19.65	0.092	19.64	0.092
5	16QAM	1	0	19.39	0.087	19.44	0.088	19.49	0.089
5	16QAM	1	12	19.31	0.085	19.45	0.088	19.21	0.083
5	16QAM	1	24	19.35	0.086	19.38	0.087	19.07	0.081
5	16QAM	12	0	18.94	0.078	18.92	0.078	18.82	0.076
5	16QAM	12	7	18.90	0.078	18.86	0.077	18.87	0.077
5	16QAM	12	13	18.85	0.077	18.88	0.077	18.84	0.077
5	16QAM	25	0	18.90	0.078	18.83	0.076	18.76	0.075
5	64QAM	1	0	18.52	0.071	18.80	0.076	18.60	0.072
5	64QAM	1	12	18.54	0.071	18.68	0.074	18.57	0.072
5	64QAM	1	24	18.65	0.073	18.72	0.074	18.54	0.071
5	64QAM	12	0	17.72	0.059	17.87	0.061	17.59	0.057
5	64QAM	12	7	17.85	0.061	17.79	0.060	17.71	0.059
5	64QAM	12	13	17.71	0.059	17.84	0.061	17.83	0.061
5	64QAM	25	0	17.69	0.059	17.92	0.062	17.57	0.057



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				132072		132322		132572	
Frequency (MHz)				1720		1745		1770	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	20.73	0.118	20.77	0.119	20.70	0.117
20	QPSK	1	49	20.61	0.115	20.70	0.117	20.73	0.118
20	QPSK	1	99	20.63	0.116	20.65	0.116	20.61	0.115
20	QPSK	50	0	19.66	0.092	19.75	0.094	19.73	0.094
20	QPSK	50	24	19.72	0.094	19.70	0.093	19.74	0.094
20	QPSK	50	50	19.73	0.094	19.69	0.093	19.75	0.094
20	QPSK	100	0	19.66	0.092	19.70	0.093	19.70	0.093
20	16QAM	1	0	19.67	0.093	19.87	0.097	19.90	0.098
20	16QAM	1	49	19.76	0.095	19.98	0.100	19.97	0.099
20	16QAM	1	99	19.57	0.091	19.87	0.097	20.01	0.100
20	16QAM	50	0	18.79	0.076	18.98	0.079	19.10	0.081
20	16QAM	50	24	18.87	0.077	18.92	0.078	19.14	0.082
20	16QAM	50	50	18.86	0.077	18.94	0.078	18.97	0.079
20	16QAM	100	0	18.81	0.076	18.93	0.078	19.09	0.081
20	64QAM	1	0	19.08	0.081	18.96	0.079	19.12	0.082
20	64QAM	1	49	18.91	0.078	18.94	0.078	18.86	0.077
20	64QAM	1	99	18.86	0.077	19.12	0.082	19.08	0.081
20	64QAM	50	0	18.01	0.063	18.15	0.065	18.07	0.064
20	64QAM	50	24	17.93	0.062	18.07	0.064	17.97	0.063
20	64QAM	50	50	18.00	0.063	18.01	0.063	17.92	0.062
20	64QAM	100	0	17.80	0.060	17.82	0.061	18.14	0.065



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				132047		132322		132597	
Frequency (MHz)				1717.5		1745		1772.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	20.64	0.116	20.73	0.118	20.67	0.117
15	QPSK	1	37	20.52	0.113	20.70	0.117	20.66	0.116
15	QPSK	1	74	20.54	0.113	20.62	0.115	20.54	0.113
15	QPSK	36	0	19.57	0.091	19.64	0.092	19.76	0.095
15	QPSK	36	20	19.63	0.092	19.80	0.095	19.87	0.097
15	QPSK	36	39	19.64	0.092	19.66	0.092	19.68	0.093
15	QPSK	75	0	19.57	0.091	19.67	0.093	19.82	0.096
15	16QAM	1	0	19.58	0.091	19.84	0.096	19.83	0.096
15	16QAM	1	37	19.67	0.093	19.95	0.099	19.90	0.098
15	16QAM	1	74	19.48	0.089	19.84	0.096	19.94	0.099
15	16QAM	36	0	18.80	0.076	18.95	0.079	19.03	0.080
15	16QAM	36	20	18.88	0.077	18.89	0.077	19.07	0.081
15	16QAM	36	39	18.87	0.077	18.91	0.078	18.90	0.078
15	16QAM	75	0	18.82	0.076	18.90	0.078	19.02	0.080
15	64QAM	1	0	19.03	0.080	18.91	0.078	19.07	0.081
15	64QAM	1	37	18.86	0.077	18.89	0.077	18.81	0.076
15	64QAM	1	74	18.81	0.076	19.07	0.081	19.03	0.080
15	64QAM	36	0	17.96	0.063	18.10	0.065	18.02	0.063
15	64QAM	36	20	17.88	0.061	18.02	0.063	17.92	0.062
15	64QAM	36	39	17.95	0.062	17.96	0.063	17.87	0.061
15	64QAM	75	0	17.75	0.060	17.77	0.060	18.09	0.064



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				132022		132322		132622	
Frequency (MHz)				1715		1745		1775	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	20.68	0.117	20.66	0.116	20.64	0.116
10	QPSK	1	25	20.50	0.112	20.65	0.116	20.67	0.117
10	QPSK	1	49	20.52	0.113	20.60	0.115	20.55	0.114
10	QPSK	25	0	19.55	0.090	19.62	0.092	19.77	0.095
10	QPSK	25	12	19.61	0.091	19.78	0.095	19.88	0.097
10	QPSK	25	25	19.62	0.092	19.64	0.092	19.69	0.093
10	QPSK	50	0	19.55	0.090	19.65	0.092	19.83	0.096
10	16QAM	1	0	19.56	0.090	19.82	0.096	19.84	0.096
10	16QAM	1	25	19.65	0.092	19.93	0.098	19.91	0.098
10	16QAM	1	49	19.46	0.088	19.82	0.096	19.95	0.099
10	16QAM	25	0	18.78	0.076	18.93	0.078	19.04	0.080
10	16QAM	25	12	18.86	0.077	18.87	0.077	19.08	0.081
10	16QAM	25	25	18.85	0.077	18.89	0.077	18.91	0.078
10	16QAM	50	0	18.80	0.076	18.88	0.077	19.03	0.080
10	64QAM	1	0	19.05	0.080	18.93	0.078	19.09	0.081
10	64QAM	1	25	18.88	0.077	18.91	0.078	18.83	0.076
10	64QAM	1	49	18.83	0.076	19.09	0.081	19.05	0.080
10	64QAM	25	0	17.98	0.063	18.12	0.065	18.04	0.064
10	64QAM	25	12	17.90	0.062	18.04	0.064	17.94	0.062
10	64QAM	25	25	17.97	0.063	17.98	0.063	17.89	0.062
10	64QAM	50	0	17.77	0.060	17.79	0.060	18.11	0.065



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				131997		132322		132647	
Frequency (MHz)				1712.5		1745		1777.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	20.60	0.115	20.64	0.116	20.62	0.115
5	QPSK	1	12	20.48	0.112	20.62	0.115	20.69	0.117
5	QPSK	1	24	20.50	0.112	20.57	0.114	20.57	0.114
5	QPSK	12	0	19.53	0.090	19.59	0.091	19.79	0.095
5	QPSK	12	7	19.59	0.091	19.75	0.094	19.90	0.098
5	QPSK	12	13	19.60	0.091	19.61	0.091	19.71	0.094
5	QPSK	25	0	19.53	0.090	19.62	0.092	19.85	0.097
5	16QAM	1	0	19.54	0.090	19.79	0.095	19.86	0.097
5	16QAM	1	12	19.63	0.092	19.81	0.096	19.83	0.096
5	16QAM	1	24	19.44	0.088	19.79	0.095	19.87	0.097
5	16QAM	12	0	18.66	0.073	18.90	0.078	19.06	0.081
5	16QAM	12	7	18.74	0.075	18.84	0.077	19.10	0.081
5	16QAM	12	13	18.73	0.075	18.86	0.077	18.93	0.078
5	16QAM	25	0	18.68	0.074	18.85	0.077	19.05	0.080
5	64QAM	1	0	19.00	0.079	18.88	0.077	19.04	0.080
5	64QAM	1	12	18.83	0.076	18.86	0.077	18.78	0.076
5	64QAM	1	24	18.78	0.076	19.04	0.080	19.00	0.079
5	64QAM	12	0	17.93	0.062	18.07	0.064	17.99	0.063
5	64QAM	12	7	17.85	0.061	17.99	0.063	17.89	0.062
5	64QAM	12	13	17.92	0.062	17.93	0.062	17.84	0.061
5	64QAM	25	0	17.72	0.059	17.74	0.059	18.06	0.064



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				131987		132322		132657	
Frequency (MHz)				1711.5		1745		1778.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	20.59	0.115	20.66	0.116	20.56	0.114
3	QPSK	1	8	20.47	0.111	20.59	0.115	20.59	0.115
3	QPSK	1	14	20.49	0.112	20.54	0.113	20.47	0.111
3	QPSK	8	0	19.52	0.090	19.56	0.090	19.69	0.093
3	QPSK	8	4	19.58	0.091	19.72	0.094	19.80	0.095
3	QPSK	8	7	19.59	0.091	19.58	0.091	19.61	0.091
3	QPSK	15	0	19.52	0.090	19.59	0.091	19.75	0.094
3	16QAM	1	0	19.53	0.090	19.76	0.095	19.76	0.095
3	16QAM	1	8	19.62	0.092	19.87	0.097	19.83	0.096
3	16QAM	1	14	19.43	0.088	19.76	0.095	19.87	0.097
3	16QAM	8	0	18.65	0.073	18.87	0.077	18.96	0.079
3	16QAM	8	4	18.73	0.075	18.81	0.076	19.00	0.079
3	16QAM	8	7	18.72	0.074	18.83	0.076	18.83	0.076
3	16QAM	15	0	18.67	0.074	18.82	0.076	18.95	0.079
3	64QAM	1	0	19.04	0.080	18.92	0.078	19.08	0.081
3	64QAM	1	8	18.87	0.077	18.90	0.078	18.82	0.076
3	64QAM	1	14	18.82	0.076	19.08	0.081	19.04	0.080
3	64QAM	8	0	17.97	0.063	18.11	0.065	18.03	0.064
3	64QAM	8	4	17.89	0.062	18.03	0.064	17.93	0.062
3	64QAM	8	7	17.96	0.063	17.97	0.063	17.88	0.061
3	64QAM	15	0	17.76	0.060	17.78	0.060	18.10	0.065



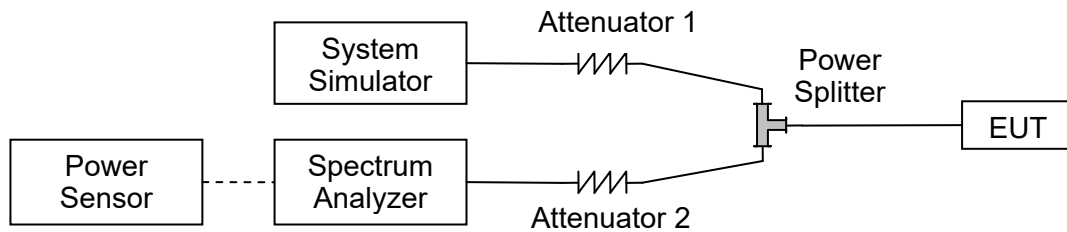
LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				131979		132322		132665	
Frequency (MHz)				1710.7		1745		1779.3	
				dBm		dBm		dBm	
				W		W		W	
1.4	QPSK	1	0	20.57	0.114	20.70	0.117	20.54	0.113
1.4	QPSK	1	3	20.45	0.111	20.63	0.116	20.57	0.114
1.4	QPSK	1	5	20.47	0.111	20.58	0.114	20.45	0.111
1.4	QPSK	3	0	19.50	0.089	19.60	0.091	19.67	0.093
1.4	QPSK	3	1	19.56	0.090	19.76	0.095	19.78	0.095
1.4	QPSK	3	3	19.57	0.091	19.62	0.092	19.59	0.091
1.4	QPSK	6	0	19.50	0.089	19.63	0.092	19.73	0.094
1.4	16QAM	1	0	19.51	0.089	19.80	0.095	19.74	0.094
1.4	16QAM	1	3	19.60	0.091	19.91	0.098	19.81	0.096
1.4	16QAM	1	5	19.41	0.087	19.80	0.095	19.85	0.097
1.4	16QAM	3	0	18.83	0.076	18.91	0.078	18.94	0.078
1.4	16QAM	3	1	18.81	0.076	18.85	0.077	18.98	0.079
1.4	16QAM	3	3	18.80	0.076	18.87	0.077	18.81	0.076
1.4	16QAM	6	0	18.65	0.073	18.86	0.077	18.93	0.078
1.4	64QAM	1	0	19.12	0.082	19.00	0.079	19.16	0.082
1.4	64QAM	1	3	18.95	0.079	18.98	0.079	18.90	0.078
1.4	64QAM	1	5	18.90	0.078	19.16	0.082	19.12	0.082
1.4	64QAM	3	0	18.05	0.064	18.19	0.066	18.11	0.065
1.4	64QAM	3	1	17.97	0.063	18.11	0.065	18.01	0.063
1.4	64QAM	3	3	18.04	0.064	18.05	0.064	17.96	0.063
1.4	64QAM	6	0	17.84	0.061	17.86	0.061	18.18	0.066

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	1.1	1.24
	Low	16QAM	1.1	1.25
	Low	64QAM	1.1	1.25
	Mid	QPSK	1.09	1.24
	Mid	16QAM	1.1	1.24
	Mid	64QAM	1.1	1.26
	High	QPSK	1.1	1.25
	High	16QAM	1.1	1.25
	High	64QAM	1.1	1.25
3	Low	QPSK	2.72	3.05
	Low	16QAM	2.71	3.04
	Low	64QAM	2.71	3.04
	Mid	QPSK	2.71	3.04
	Mid	16QAM	2.71	3.06
	Mid	64QAM	2.71	3.04
	High	QPSK	2.72	3.05
	High	16QAM	2.72	3.06
	High	64QAM	2.71	3.05
5	Low	QPSK	4.49	4.98
	Low	16QAM	4.52	4.94
	Low	64QAM	4.51	4.97
	Mid	QPSK	4.5	4.98
	Mid	16QAM	4.49	5.0
	Mid	64QAM	4.5	5.01
	High	QPSK	4.51	4.98
	High	16QAM	4.5	4.97
	High	64QAM	4.49	4.88
10	Low	QPSK	9.0	9.92
	Low	16QAM	8.98	9.86
	Low	64QAM	9.02	9.95
	Mid	QPSK	9.0	9.9
	Mid	16QAM	8.98	9.83
	Mid	64QAM	9.03	9.91
	High	QPSK	8.97	9.75
	High	16QAM	8.98	9.87
	High	64QAM	9.0	9.97



15	Low	QPSK	13.55	14.88
	Low	16QAM	13.53	14.98
	Low	64QAM	13.5	15.02
	Mid	QPSK	13.52	14.95
	Mid	16QAM	13.51	14.88
	Mid	64QAM	13.51	14.95
	High	QPSK	13.48	14.98
	High	16QAM	13.5	14.87
	High	64QAM	13.49	15.01
20	Low	QPSK	17.98	19.85
	Low	16QAM	17.98	19.83
	Low	64QAM	17.98	19.8
	Mid	QPSK	18.01	19.62
	Mid	16QAM	18.04	19.78
	Mid	64QAM	18.01	19.66
	High	QPSK	17.96	19.73
	High	16QAM	17.98	19.77
	High	64QAM	17.99	19.64



LTE Band 4				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.1	1.25
	Low	16QAM	1.12	1.88
	Low	64QAM	1.1	1.25
	Mid	QPSK	1.09	1.25
	Mid	16QAM	1.1	1.25
	Mid	64QAM	1.1	1.25
	High	QPSK	1.09	1.24
	High	16QAM	1.1	1.26
	High	64QAM	1.1	1.25
3	Low	QPSK	2.71	3.05
	Low	16QAM	2.72	3.06
	Low	64QAM	2.71	3.06
	Mid	QPSK	2.71	3.05
	Mid	16QAM	2.72	3.04
	Mid	64QAM	2.72	3.06
	High	QPSK	2.69	3.02
	High	16QAM	2.71	3.05
	High	64QAM	2.71	3.05
5	Low	QPSK	4.49	5.02
	Low	16QAM	4.5	5.01
	Low	64QAM	4.51	4.97
	Mid	QPSK	4.5	4.98
	Mid	16QAM	4.5	4.97
	Mid	64QAM	4.5	4.95
	High	QPSK	4.5	4.97
	High	16QAM	4.5	4.99
	High	64QAM	4.5	4.97
10	Low	QPSK	9.03	9.85
	Low	16QAM	8.98	9.81
	Low	64QAM	9.03	9.94
	Mid	QPSK	8.99	9.88
	Mid	16QAM	8.98	9.86
	Mid	64QAM	9.02	9.87
	High	QPSK	9.03	9.89
	High	16QAM	8.98	9.82
	High	64QAM	8.98	9.75



15	Low	QPSK	13.54	14.9
	Low	16QAM	13.51	14.86
	Low	64QAM	13.49	14.99
	Mid	QPSK	13.52	14.99
	Mid	16QAM	13.51	15.12
	Mid	64QAM	13.48	14.99
	High	QPSK	13.5	14.57
	High	16QAM	13.5	14.91
	High	64QAM	13.5	14.94
20	Low	QPSK	18.0	19.77
	Low	16QAM	18.02	19.74
	Low	64QAM	18.01	19.73
	Mid	QPSK	17.98	19.75
	Mid	16QAM	17.96	19.8
	Mid	64QAM	17.99	19.8
	High	QPSK	18.01	19.82
	High	16QAM	18.02	19.77
	High	64QAM	18.02	19.76



LTE Band 5				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.09	1.24
	Low	16QAM	1.1	1.24
	Low	64QAM	1.1	1.25
	Mid	QPSK	1.1	1.25
	Mid	16QAM	1.1	1.26
	Mid	64QAM	1.1	1.25
	High	QPSK	1.1	1.25
	High	16QAM	1.1	1.25
	High	64QAM	1.1	1.24
3	Low	QPSK	2.71	3.04
	Low	16QAM	2.72	3.04
	Low	64QAM	2.71	3.05
	Mid	QPSK	2.72	3.05
	Mid	16QAM	2.72	3.05
	Mid	64QAM	2.71	3.03
	High	QPSK	2.72	3.06
	High	16QAM	2.72	3.18
	High	64QAM	2.71	3.05
5	Low	QPSK	4.49	4.97
	Low	16QAM	4.51	4.97
	Low	64QAM	4.51	5.0
	Mid	QPSK	4.51	4.97
	Mid	16QAM	4.51	4.96
	Mid	64QAM	4.5	4.98
	High	QPSK	4.5	4.94
	High	16QAM	4.5	4.98
	High	64QAM	4.49	4.95
10	Low	QPSK	8.99	9.95
	Low	16QAM	8.95	9.85
	Low	64QAM	9.0	9.86
	Mid	QPSK	9.03	9.9
	Mid	16QAM	9.0	9.88
	Mid	64QAM	9.03	9.99
	High	QPSK	8.95	9.83
	High	16QAM	8.95	9.8
	High	64QAM	8.99	9.86



LTE Band 7				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.52	4.97
	Low	16QAM	4.5	4.97
	Low	64QAM	4.5	4.97
	Mid	QPSK	4.5	4.96
	Mid	16QAM	4.5	4.97
	Mid	64QAM	4.51	5.0
	High	QPSK	4.5	4.96
	High	16QAM	4.51	4.98
	High	64QAM	4.5	4.94
10	Low	QPSK	8.99	9.92
	Low	16QAM	8.99	9.82
	Low	64QAM	9.01	9.95
	Mid	QPSK	9.0	9.96
	Mid	16QAM	8.99	9.83
	Mid	64QAM	9.01	9.96
	High	QPSK	8.99	9.8
	High	16QAM	8.99	9.79
	High	64QAM	9.01	9.91
15	Low	QPSK	13.5	14.98
	Low	16QAM	13.52	14.92
	Low	64QAM	13.48	14.92
	Mid	QPSK	13.53	14.95
	Mid	16QAM	13.52	15.0
	Mid	64QAM	13.48	14.88
	High	QPSK	13.5	14.93
	High	16QAM	13.52	15.0
	High	64QAM	13.5	14.93
20	Low	QPSK	18.0	19.84
	Low	16QAM	18.04	19.85
	Low	64QAM	18.06	19.76
	Mid	QPSK	17.97	19.71
	Mid	16QAM	18.0	19.94
	Mid	64QAM	18.0	19.64
	High	QPSK	17.97	19.61
	High	16QAM	18.04	19.87
	High	64QAM	18.02	19.72



LTE Band 12				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.09	1.24
	Low	16QAM	1.1	1.24
	Low	64QAM	1.1	1.25
	Mid	QPSK	1.1	1.24
	Mid	16QAM	1.1	1.24
	Mid	64QAM	1.1	1.25
	High	QPSK	1.1	1.25
	High	16QAM	1.1	1.25
	High	64QAM	1.1	1.25
3	Low	QPSK	2.71	3.03
	Low	16QAM	2.72	3.06
	Low	64QAM	2.71	3.03
	Mid	QPSK	2.72	3.05
	Mid	16QAM	2.72	3.04
	Mid	64QAM	2.71	3.04
	High	QPSK	2.72	3.05
	High	16QAM	2.72	3.05
	High	64QAM	2.72	3.04
5	Low	QPSK	4.5	4.98
	Low	16QAM	4.51	4.99
	Low	64QAM	4.5	4.97
	Mid	QPSK	4.5	4.98
	Mid	16QAM	4.5	4.96
	Mid	64QAM	4.51	4.98
	High	QPSK	4.5	4.94
	High	16QAM	4.5	4.96
	High	64QAM	4.5	4.96
10	Low	QPSK	9.0	9.95
	Low	16QAM	8.96	9.77
	Low	64QAM	8.97	9.91
	Mid	QPSK	9.01	9.87
	Mid	16QAM	8.99	9.85
	Mid	64QAM	9.03	9.93
	High	QPSK	9.0	9.81
	High	16QAM	8.97	9.81
	High	64QAM	9.0	9.94



LTE Band 13				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.49	4.96
	Low	16QAM	4.5	4.93
	Low	64QAM	4.49	4.95
	Mid	QPSK	4.49	5.01
	Mid	16QAM	4.51	4.98
	Mid	64QAM	4.51	4.96
	High	QPSK	4.5	4.96
	High	16QAM	4.5	4.96
	High	64QAM	4.51	5.01
10	Low	QPSK	9.01	9.87
	Low	16QAM	8.99	9.88
	Low	64QAM	9.04	9.92
	Mid	QPSK	9.04	9.89
	Mid	16QAM	8.99	9.87
	Mid	64QAM	9.01	9.94
	High	QPSK	9.03	9.93
	High	16QAM	8.99	9.82
	High	64QAM	9.04	9.89



LTE Band 17				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.52	5.01
	Low	16QAM	4.5	4.96
	Low	64QAM	4.51	4.95
	Mid	QPSK	4.5	4.98
	Mid	16QAM	4.51	4.95
	Mid	64QAM	4.51	4.97
	High	QPSK	4.5	4.99
	High	16QAM	4.49	4.94
	High	64QAM	4.5	4.98
10	Low	QPSK	9.05	9.91
	Low	16QAM	8.99	9.79
	Low	64QAM	9.01	9.94
	Mid	QPSK	9.0	9.89
	Mid	16QAM	8.97	9.84
	Mid	64QAM	9.02	9.8
	High	QPSK	9.0	9.89
	High	16QAM	8.96	9.81
	High	64QAM	9.01	9.95



LTE Band 26				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.1	1.24
	Low	16QAM	1.1	1.24
	Low	64QAM	1.1	1.25
	Mid	QPSK	1.1	1.24
	Mid	16QAM	1.1	1.25
	Mid	64QAM	1.1	1.25
	High	QPSK	1.1	1.24
	High	16QAM	1.1	1.25
	High	64QAM	1.1	1.25
3	Low	QPSK	2.71	3.05
	Low	16QAM	2.72	3.07
	Low	64QAM	2.71	3.04
	Mid	QPSK	2.72	3.03
	Mid	16QAM	2.72	3.05
	Mid	64QAM	2.72	3.04
	High	QPSK	2.71	3.05
	High	16QAM	2.71	3.05
	High	64QAM	2.71	3.04
5	Low	QPSK	4.49	4.97
	Low	16QAM	4.5	4.99
	Low	64QAM	4.5	4.94
	Mid	QPSK	4.5	4.97
	Mid	16QAM	4.51	4.98
	Mid	64QAM	4.52	4.96
	High	QPSK	4.5	4.96
	High	16QAM	4.5	4.94
	High	64QAM	4.5	4.94
10	Low	QPSK	8.99	9.91
	Low	16QAM	8.96	9.86
	Low	64QAM	8.99	9.97
	Mid	QPSK	9.02	9.98
	Mid	16QAM	8.99	9.85
	Mid	64QAM	9.03	9.93
	High	QPSK	9.01	9.86
	High	16QAM	8.96	9.79
	High	64QAM	8.96	9.87



15	Low	QPSK	13.5	14.87
	Low	16QAM	13.5	14.8
	Low	64QAM	13.48	14.81
	Mid	QPSK	13.57	14.99
	Mid	16QAM	13.54	14.81
	Mid	64QAM	13.53	14.9
	High	QPSK	13.46	14.88
	High	16QAM	13.48	14.9
	High	64QAM	13.46	14.83



LTE Band 38				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.53	4.94
	Low	16QAM	4.51	5.0
	Low	64QAM	4.51	4.92
	Mid	QPSK	4.51	5.15
	Mid	16QAM	4.51	5.22
	Mid	64QAM	4.51	4.97
	High	QPSK	4.51	5.27
	High	16QAM	4.51	4.94
	High	64QAM	4.5	4.97
10	Low	QPSK	8.98	9.88
	Low	16QAM	8.98	9.81
	Low	64QAM	8.99	10.02
	Mid	QPSK	8.99	10.01
	Mid	16QAM	8.98	9.95
	Mid	64QAM	9.0	10.74
	High	QPSK	8.98	9.96
	High	16QAM	8.97	9.92
	High	64QAM	8.97	10.17
15	Low	QPSK	13.51	14.92
	Low	16QAM	13.51	14.96
	Low	64QAM	13.51	15.1
	Mid	QPSK	13.51	14.79
	Mid	16QAM	13.52	15.18
	Mid	64QAM	13.51	15.37
	High	QPSK	13.49	15.14
	High	16QAM	13.48	14.86
	High	64QAM	13.52	15.3
20	Low	QPSK	17.94	20.69
	Low	16QAM	17.96	20.01
	Low	64QAM	17.97	19.86
	Mid	QPSK	18.0	20.27
	Mid	16QAM	17.98	20.27
	Mid	64QAM	17.99	19.64
	High	QPSK	18.0	20.15
	High	16QAM	18.02	19.9
	High	64QAM	17.98	19.66



LTE Band 40, Block A				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.52	5.02
	Low	16QAM	4.51	5.05
	Low	64QAM	4.51	5.01
	Mid	QPSK	4.51	4.98
	Mid	16QAM	4.50	4.87
	Mid	64QAM	4.51	4.95
	High	QPSK	4.51	4.93
	High	16QAM	4.50	4.99
	High	64QAM	4.51	4.94
10	Mid	QPSK	8.99	9.80
	Mid	16QAM	9.00	9.87
	Mid	64QAM	9.03	10.30

LTE Band 40, Block B				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.50	5.02
	Low	16QAM	4.51	5.02
	Low	64QAM	4.51	4.93
	Mid	QPSK	4.50	5.03
	Mid	16QAM	4.51	5.06
	Mid	64QAM	4.52	4.99
	High	QPSK	4.50	4.96
	High	16QAM	4.50	5.05
	High	64QAM	4.51	5.03
10	Mid	QPSK	9.02	9.88
	Mid	16QAM	8.98	9.90
	Mid	64QAM	9.01	9.90



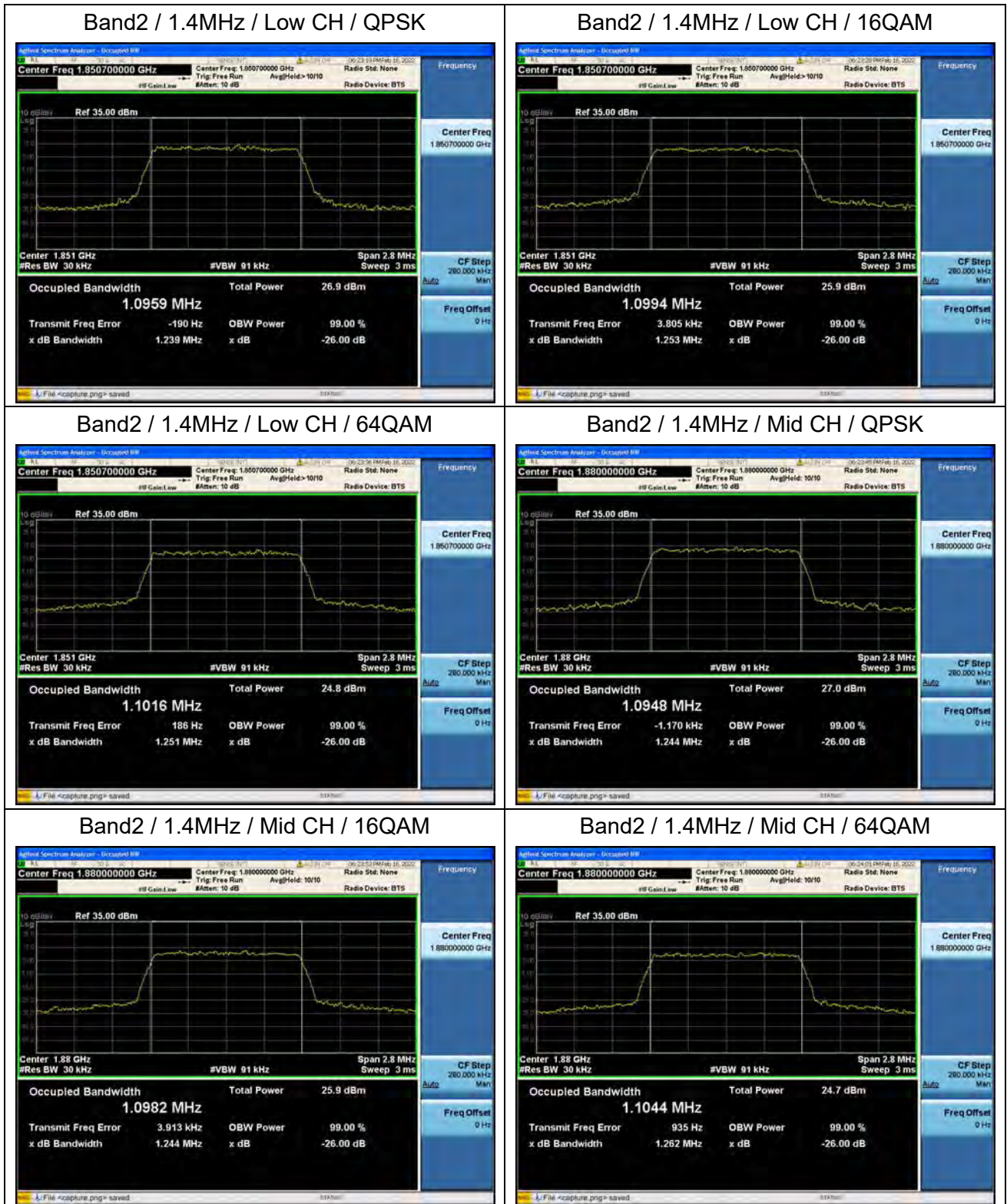
LTE Band 41				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.50	4.90
	Low	16QAM	4.49	5.04
	Low	64QAM	4.51	4.92
	Mid	QPSK	4.51	5.08
	Mid	16QAM	4.51	4.96
	Mid	64QAM	4.50	4.98
	High	QPSK	4.51	5.19
	High	16QAM	4.50	5.01
	High	64QAM	4.50	4.96
10	Low	QPSK	9.00	9.87
	Low	16QAM	8.98	9.90
	Low	64QAM	9.01	10.11
	Mid	QPSK	9.00	9.93
	Mid	16QAM	8.98	10.31
	Mid	64QAM	8.97	10.47
	High	QPSK	9.00	9.87
	High	16QAM	8.98	9.89
	High	64QAM	9.01	10.14
15	Low	QPSK	13.50	15.63
	Low	16QAM	13.50	14.76
	Low	64QAM	13.48	15.52
	Mid	QPSK	13.50	15.08
	Mid	16QAM	13.48	15.70
	Mid	64QAM	13.50	15.46
	High	QPSK	13.51	15.27
	High	16QAM	13.54	14.96
	High	64QAM	13.46	14.93
20	Low	QPSK	18.01	20.80
	Low	16QAM	18.00	19.85
	Low	64QAM	17.96	20.42
	Mid	QPSK	18.01	20.46
	Mid	16QAM	18.01	20.10
	Mid	64QAM	17.95	19.71
	High	QPSK	17.99	21.00
	High	16QAM	17.98	19.86
	High	64QAM	17.99	20.67



LTE Band 66				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.09	1.25
	Low	16QAM	1.10	1.25
	Low	64QAM	1.10	1.26
	Mid	QPSK	1.10	1.25
	Mid	16QAM	1.10	1.25
	Mid	64QAM	1.10	1.25
	High	QPSK	1.10	1.25
	High	16QAM	1.10	1.25
	High	64QAM	1.10	1.25
3	Low	QPSK	2.72	3.06
	Low	16QAM	2.71	3.06
	Low	64QAM	2.71	3.04
	Mid	QPSK	2.71	3.03
	Mid	16QAM	2.72	3.06
	Mid	64QAM	2.72	3.05
	High	QPSK	2.72	3.04
	High	16QAM	2.72	3.03
	High	64QAM	2.71	3.04
5	Low	QPSK	4.50	5.01
	Low	16QAM	4.50	4.96
	Low	64QAM	4.50	4.97
	Mid	QPSK	4.50	4.98
	Mid	16QAM	4.50	4.99
	Mid	64QAM	4.50	4.99
	High	QPSK	4.50	4.97
	High	16QAM	4.50	4.96
	High	64QAM	4.50	4.99
10	Low	QPSK	9.01	9.90
	Low	16QAM	8.98	9.86
	Low	64QAM	8.99	9.90
	Mid	QPSK	9.00	9.96
	Mid	16QAM	8.99	9.80
	Mid	64QAM	9.02	9.95
	High	QPSK	9.02	9.92
	High	16QAM	8.98	9.81
	High	64QAM	9.01	9.94

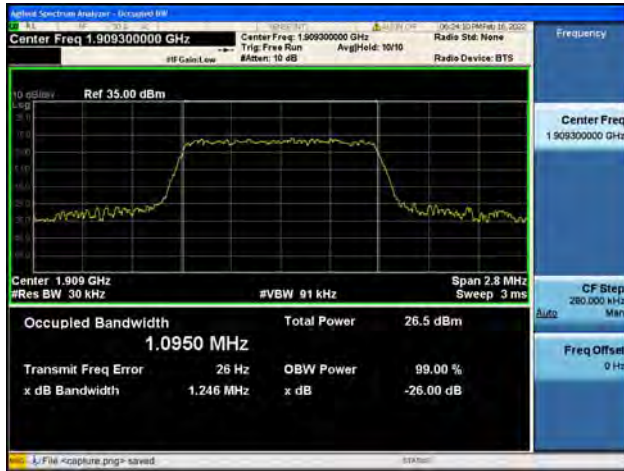


15	Low	QPSK	13.53	14.89
	Low	16QAM	13.52	15.04
	Low	64QAM	13.51	14.91
	Mid	QPSK	13.55	14.90
	Mid	16QAM	13.51	14.89
	Mid	64QAM	13.51	14.97
	High	QPSK	13.50	14.98
	High	16QAM	13.51	14.93
	High	64QAM	13.50	14.99
20	Low	QPSK	17.96	19.76
	Low	16QAM	18.03	19.80
	Low	64QAM	18.01	19.72
	Mid	QPSK	17.99	19.84
	Mid	16QAM	18.01	19.94
	Mid	64QAM	18.03	19.91
	High	QPSK	17.98	19.80
	High	16QAM	18.00	19.76
	High	64QAM	17.99	19.70

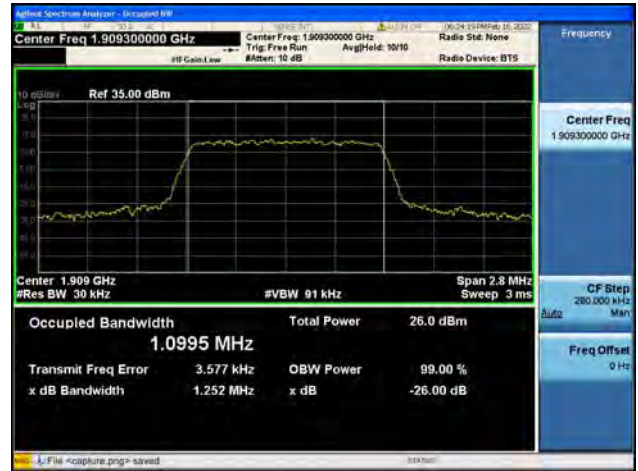




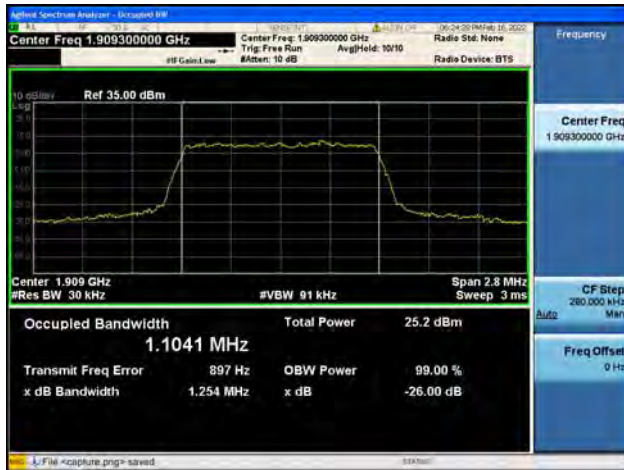
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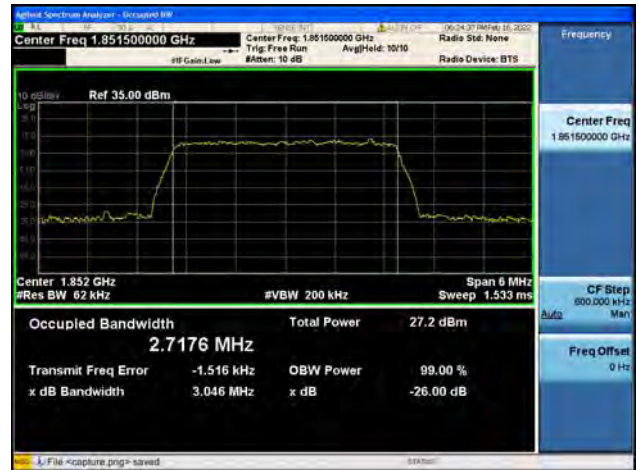
Band2 / 1.4MHz / High CH / 16QAM



Band2 / 1.4MHz / High CH / 64QAM



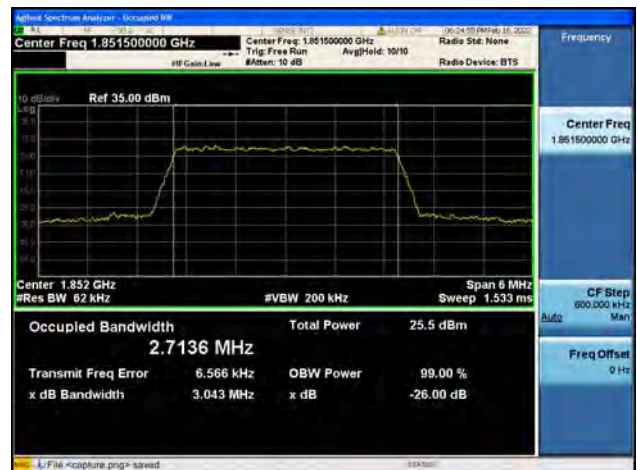
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Band2 / 3MHz / Low CH / 16QAM

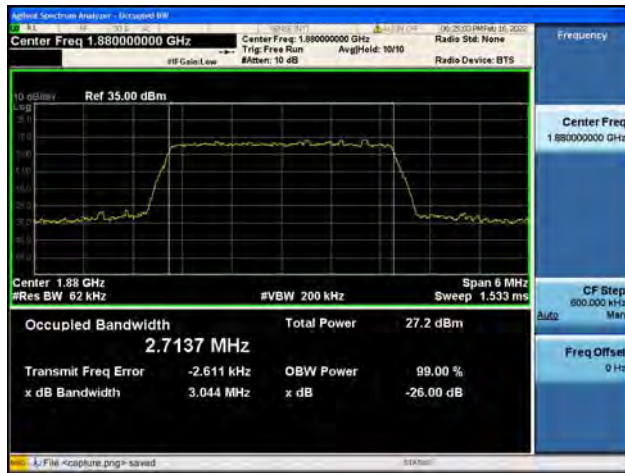


Band2 / 3MHz / Low CH / 64QAM

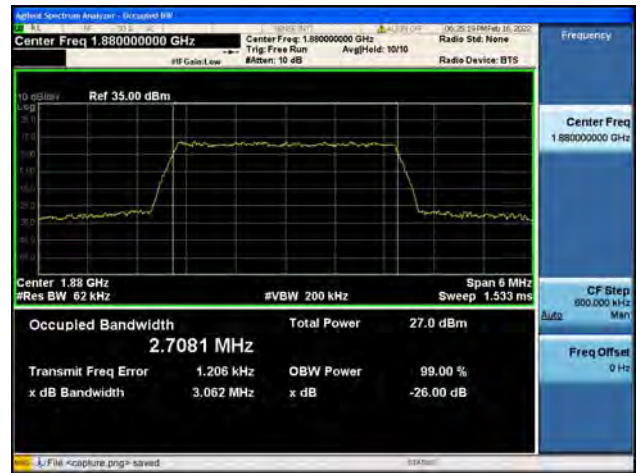




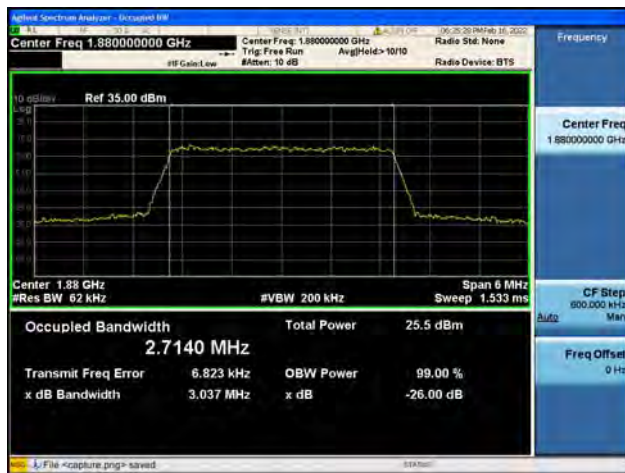
Band2 / 3MHz / Mid CH / QPSK



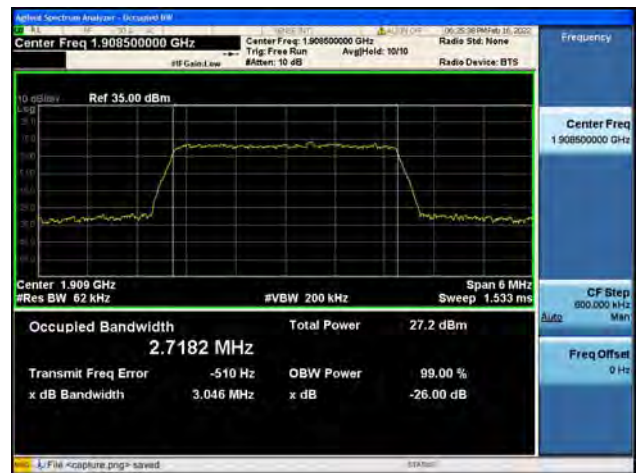
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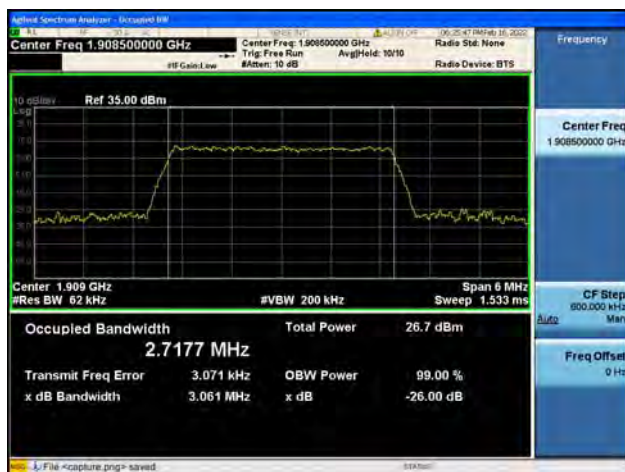
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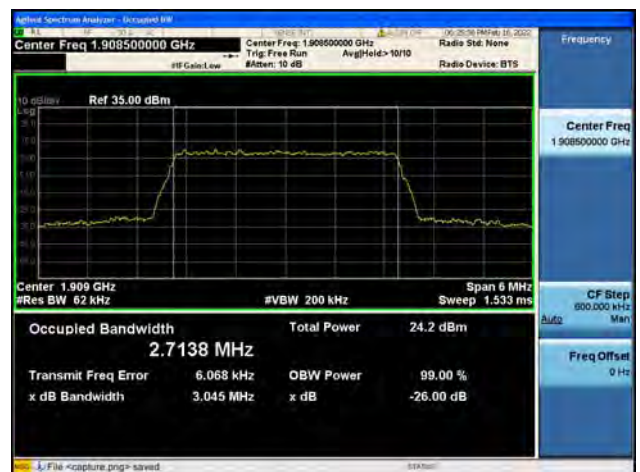
Band2 / 3MHz / High CH / QPSK



Band2 / 3MHz / High CH / 16QAM

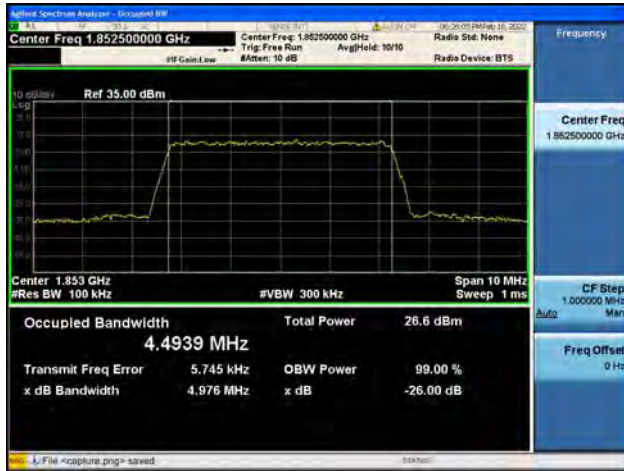


Band2 / 3MHz / High CH / 64QAM





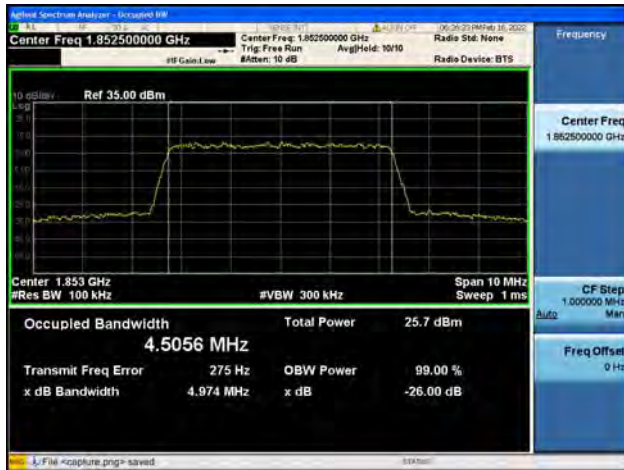
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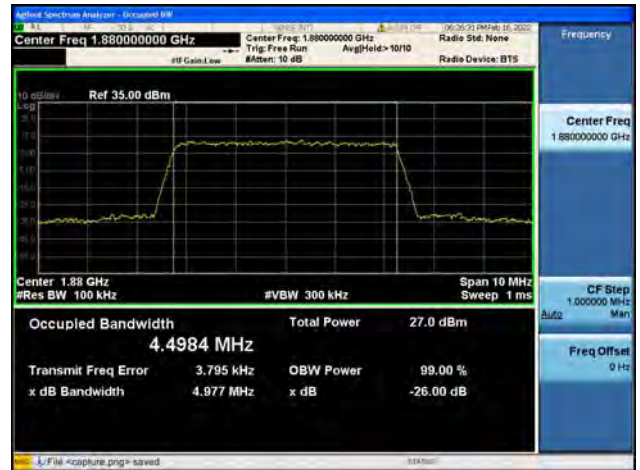
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Band2 / 5MHz / Low CH / 64QAM



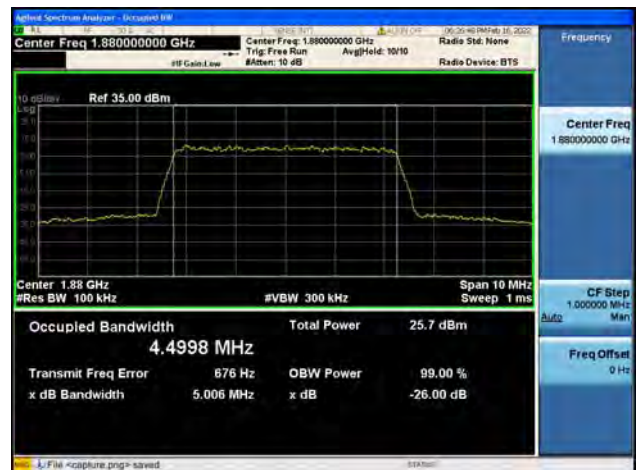
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Band2 / 5MHz / Mid CH / 16QAM

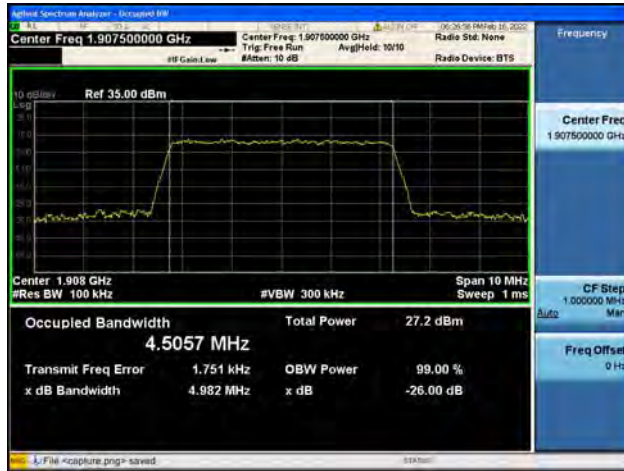


Band2 / 5MHz / Mid CH / 64QAM

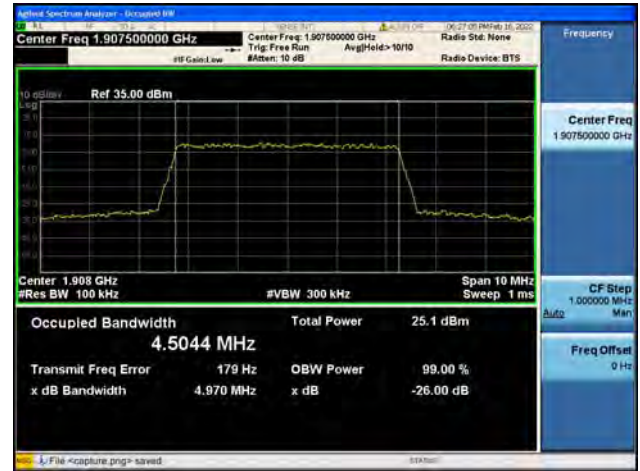




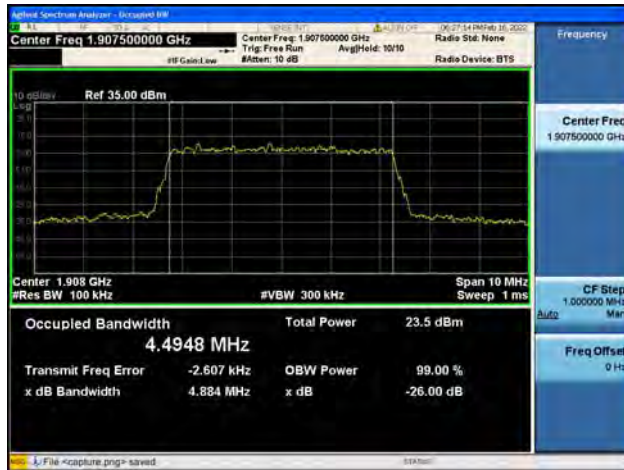
Band2 / 5MHz / High CH / QPSK



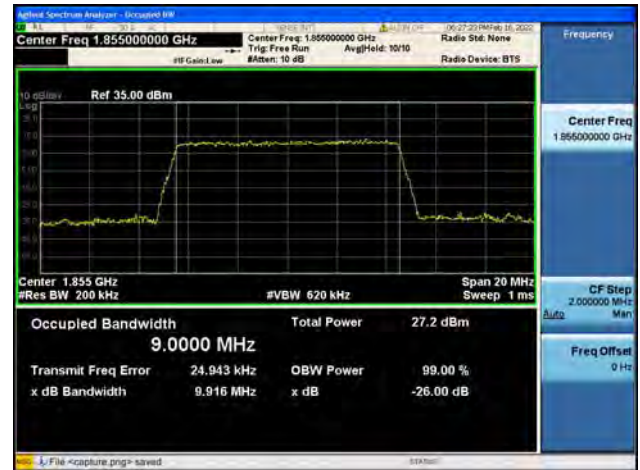
Band2 / 5MHz / High CH / 16QAM



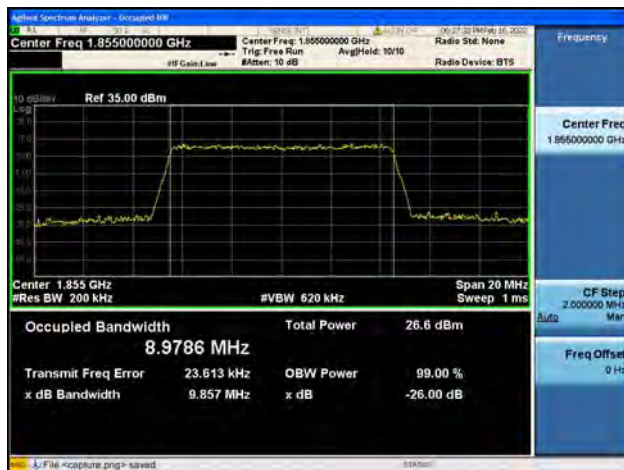
Band2 / 5MHz / High CH / 64QAM



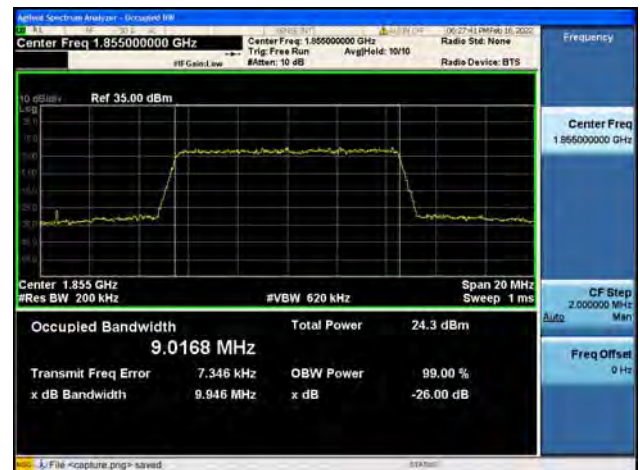
Band2 / 10MHz / Low CH / QPSK



Band2 / 10MHz / Low CH / 16QAM

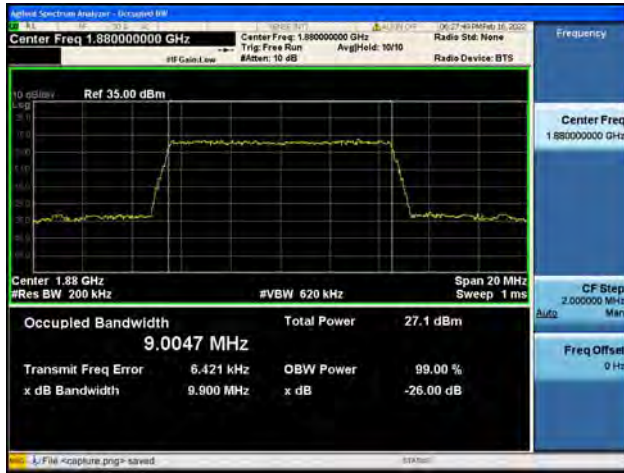


Band2 / 10MHz / Low CH / 64QAM





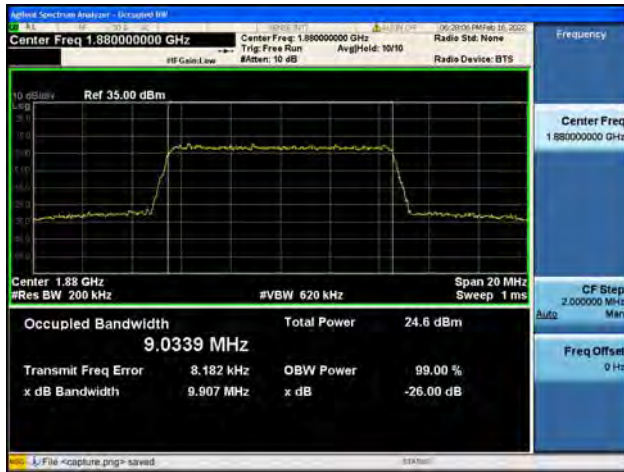
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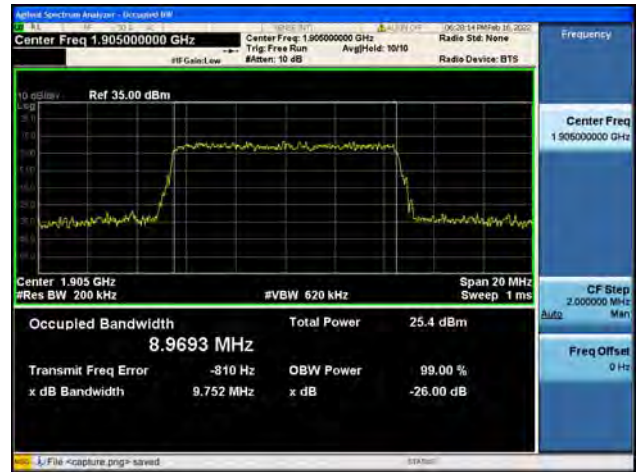
Band2 / 10MHz / Mid CH / 16QAM



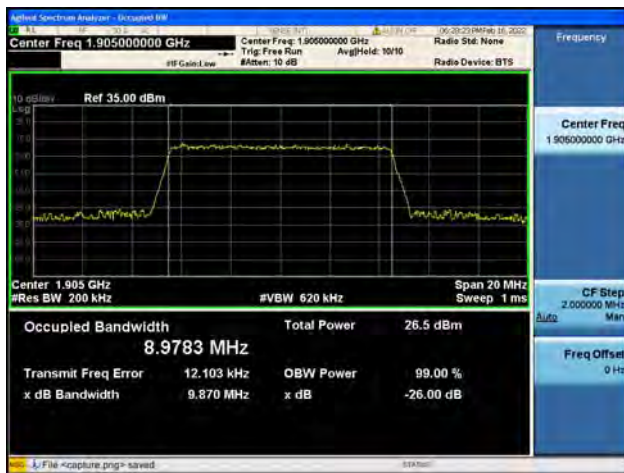
Band2 / 10MHz / Mid CH / 64QAM



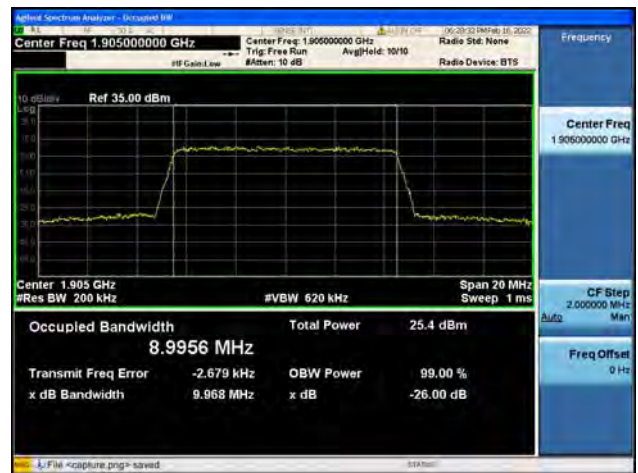
Band2 / 10MHz / High CH / QPSK



Band2 / 10MHz / High CH / 16QAM

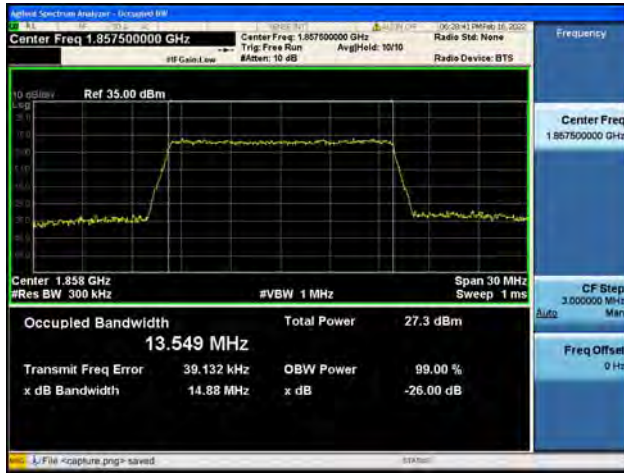


Band2 / 10MHz / High CH / 64QAM

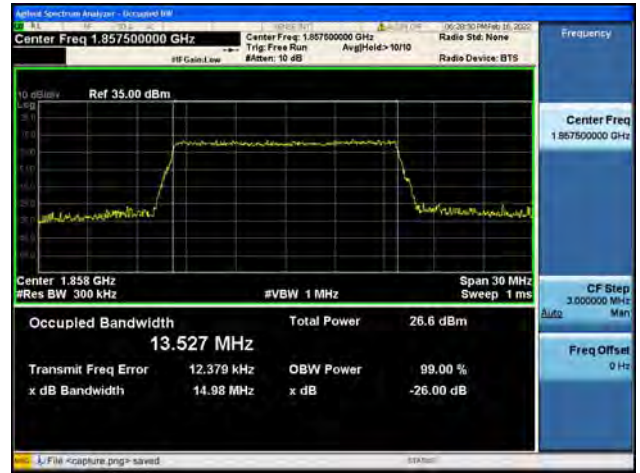




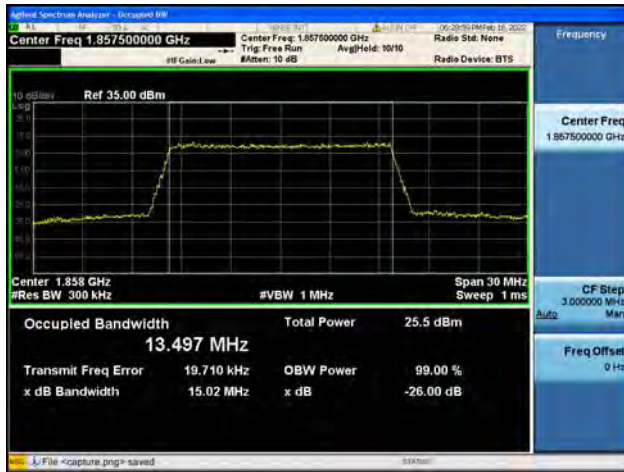
Band2 / 15MHz / Low CH / QPSK



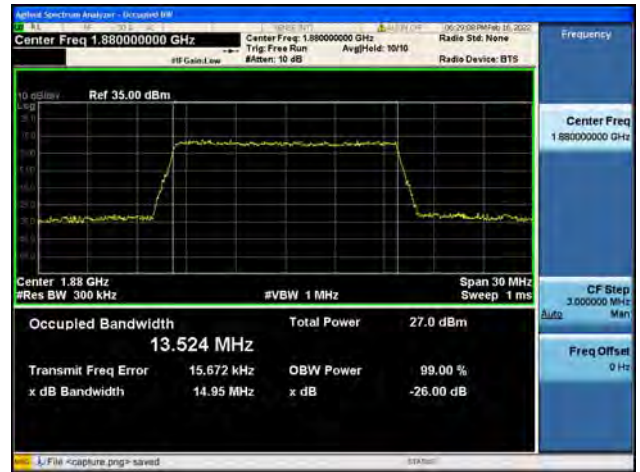
Band2 / 15MHz / Low CH / 16QAM



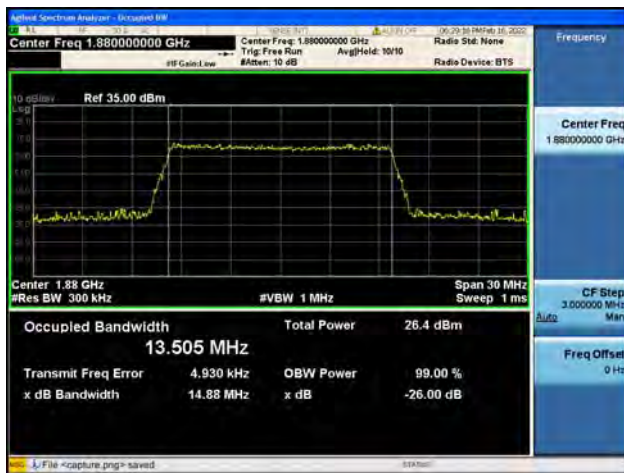
Band2 / 15MHz / Low CH / 64QAM



Band2 / 15MHz / Mid CH / QPSK



Band2 / 15MHz / Mid CH / 16QAM

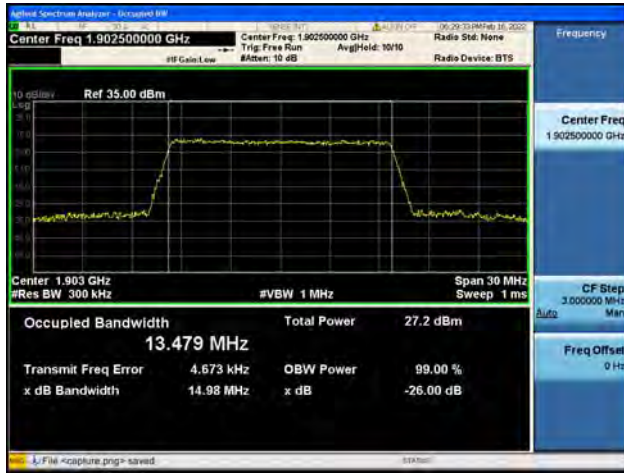


Band2 / 15MHz / Mid CH / 64QAM

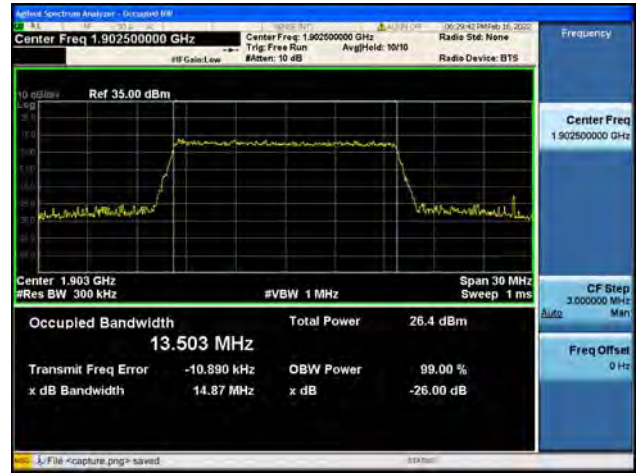




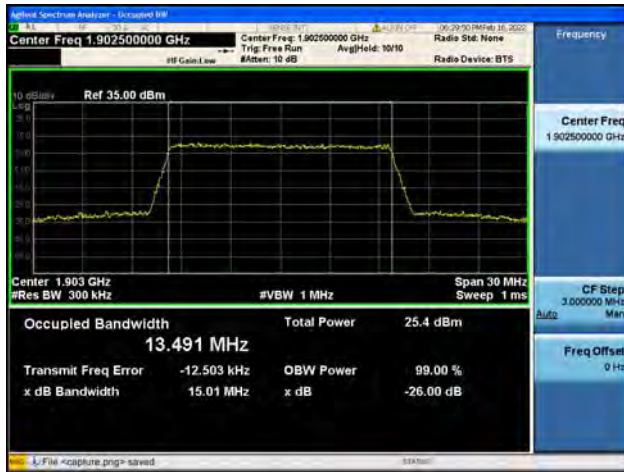
Band2 / 15MHz / High CH / QPSK



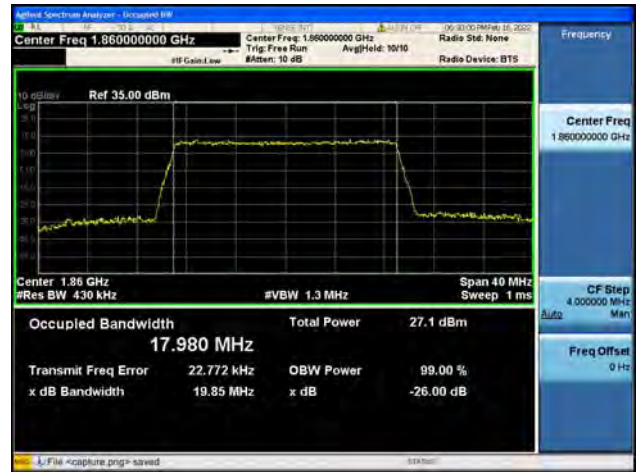
Band2 / 15MHz / High CH / 16QAM



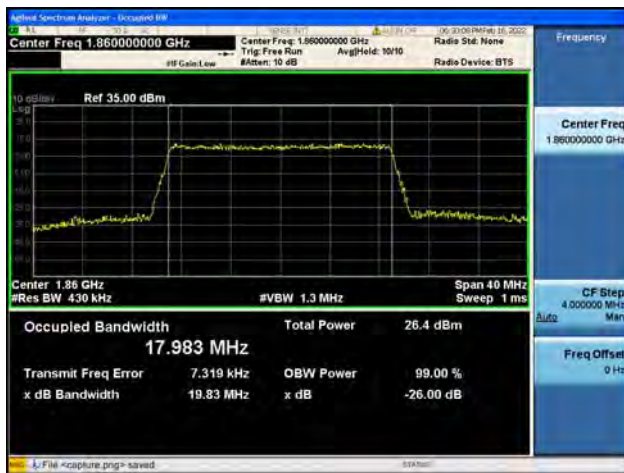
Band2 / 15MHz / High CH / 64QAM



Band2 / 20MHz / Low CH / QPSK



Band2 / 20MHz / Low CH / 16QAM

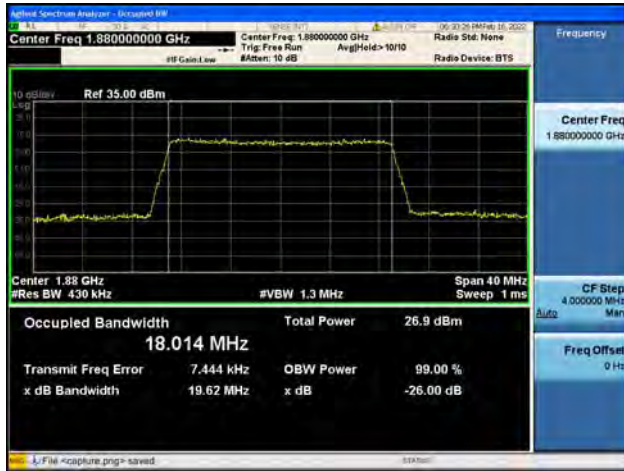


Band2 / 20MHz / Low CH / 64QAM

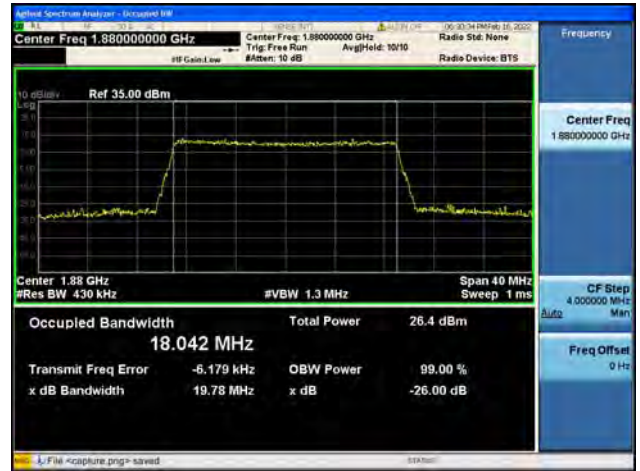




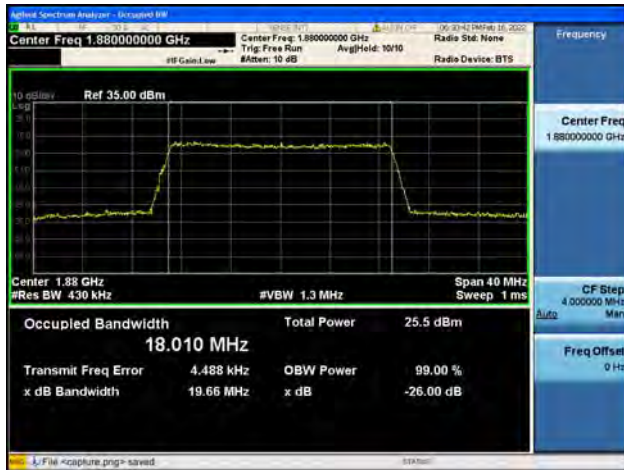
Band2 / 20MHz / Mid CH / QPSK



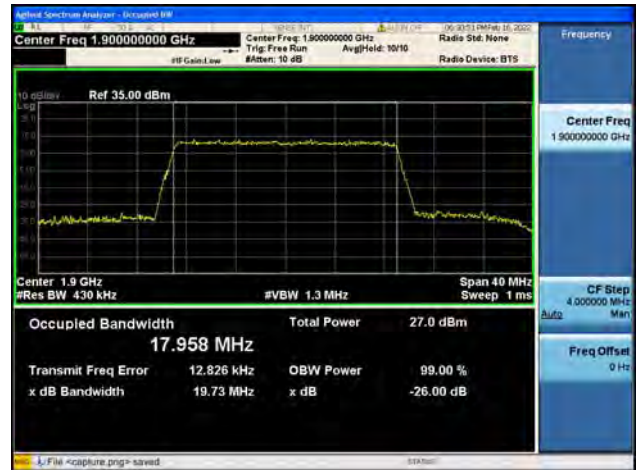
Band2 / 20MHz / Mid CH / 16QAM



Band2 / 20MHz / Mid CH / 64QAM



Band2 / 20MHz / High CH / QPSK

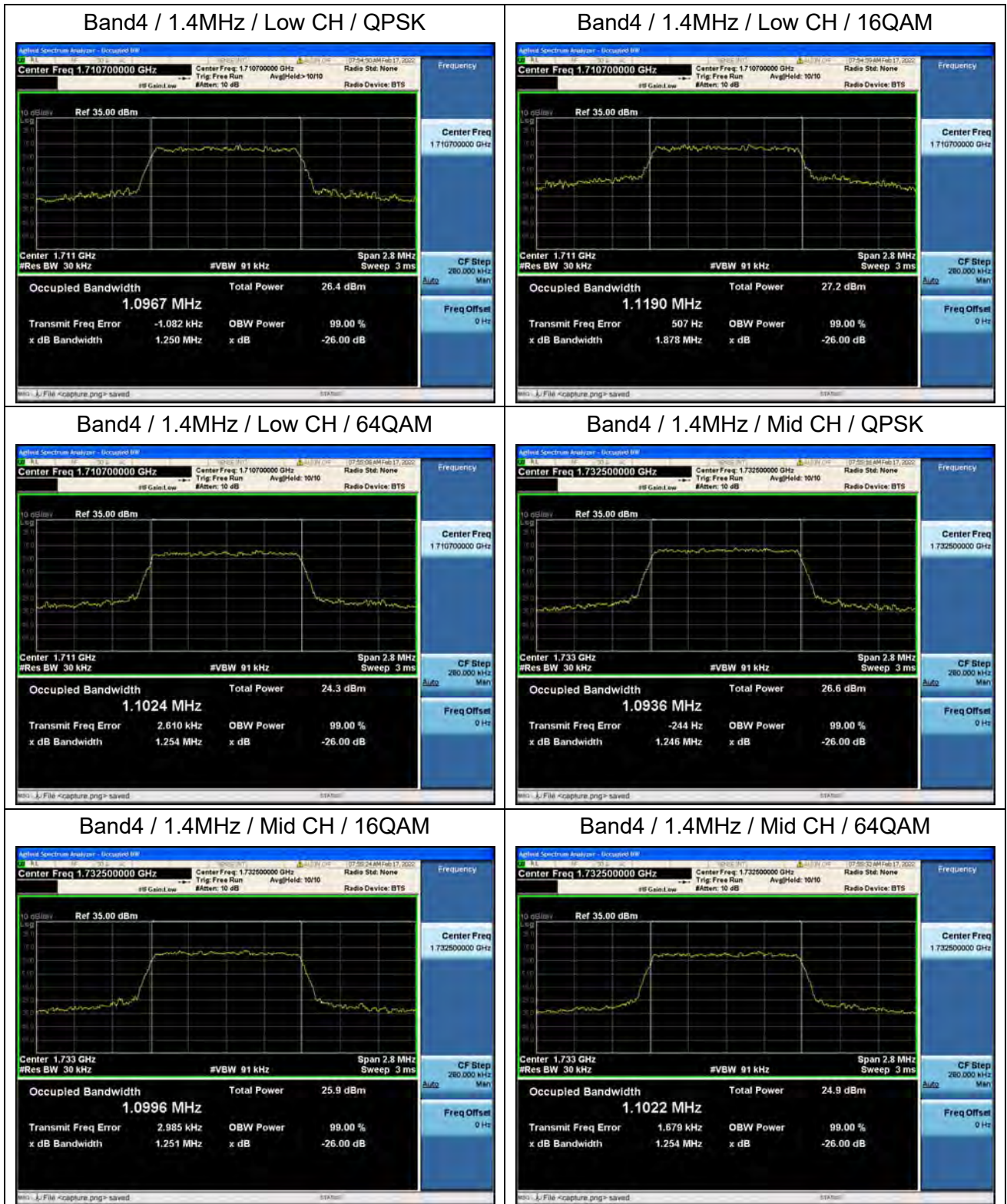


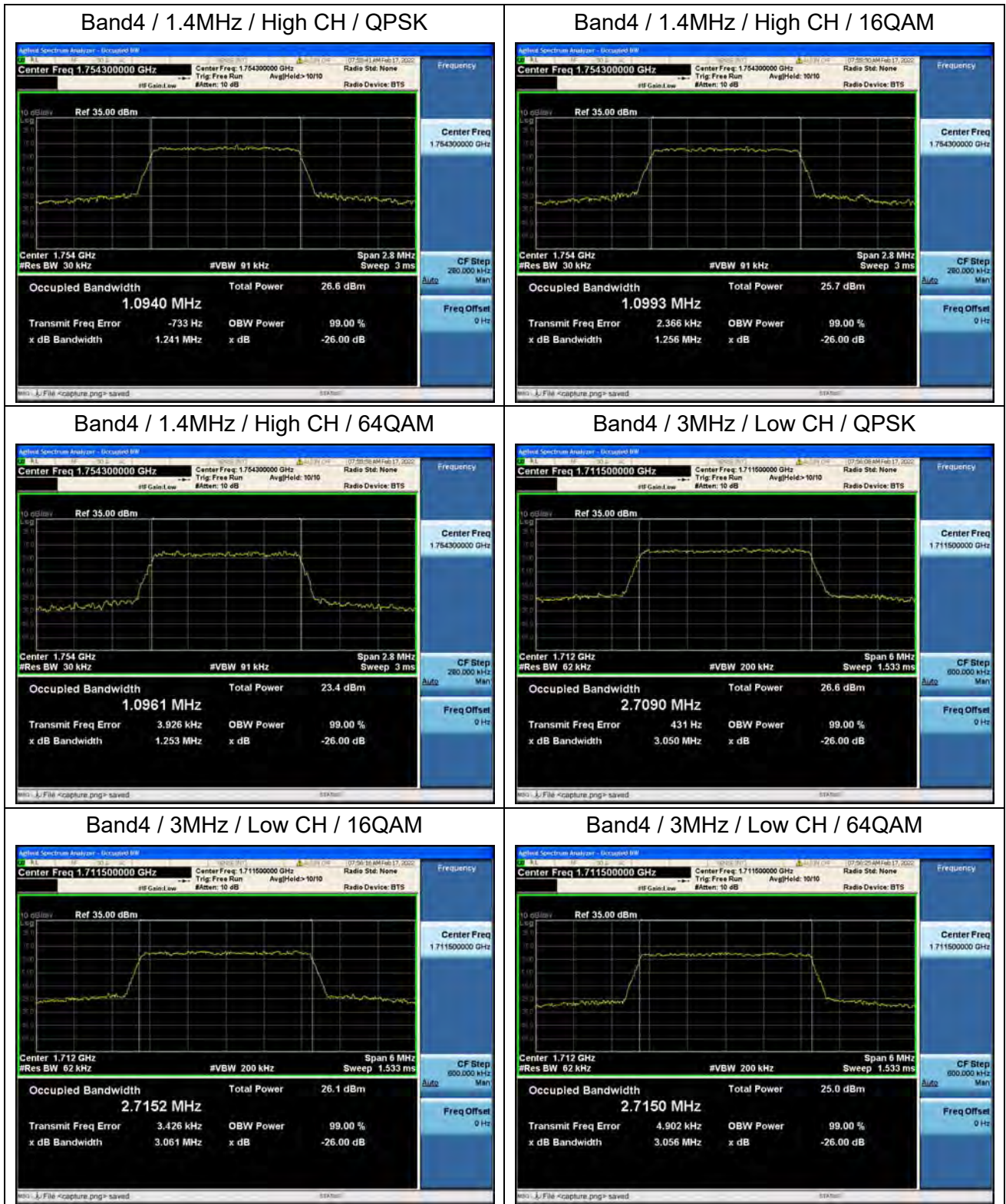
Band2 / 20MHz / High CH / 16QAM



Band2 / 20MHz / High CH / 64QAM

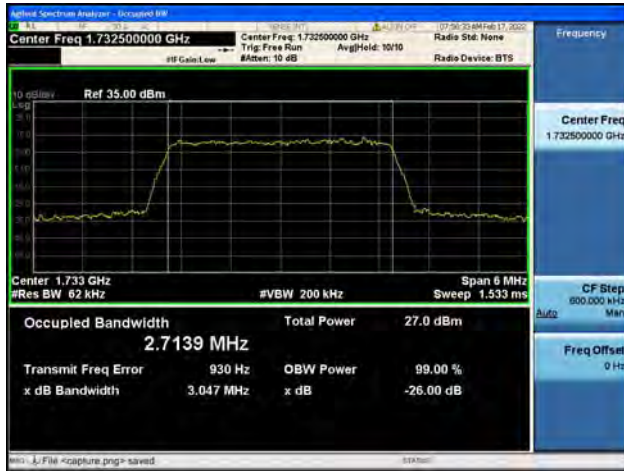








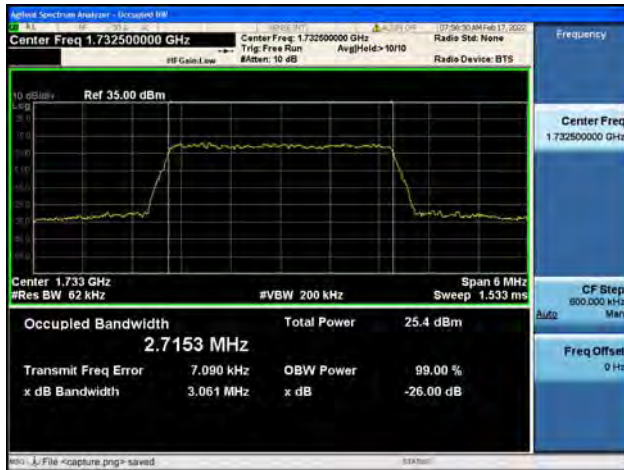
Band4 / 3MHz / Mid CH / QPSK



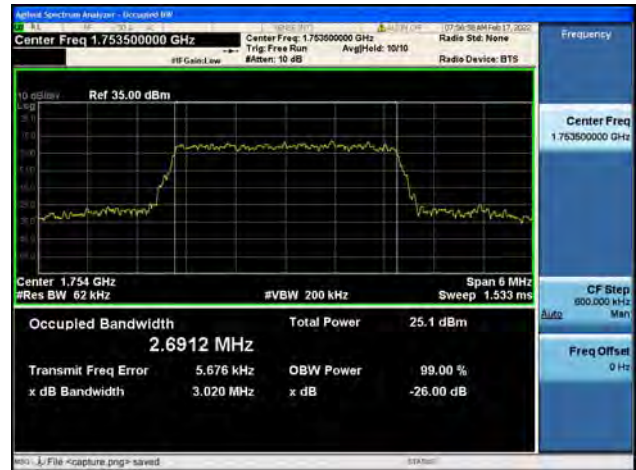
Band4 / 3MHz / Mid CH / 16QAM



Band4 / 3MHz / Mid CH / 64QAM



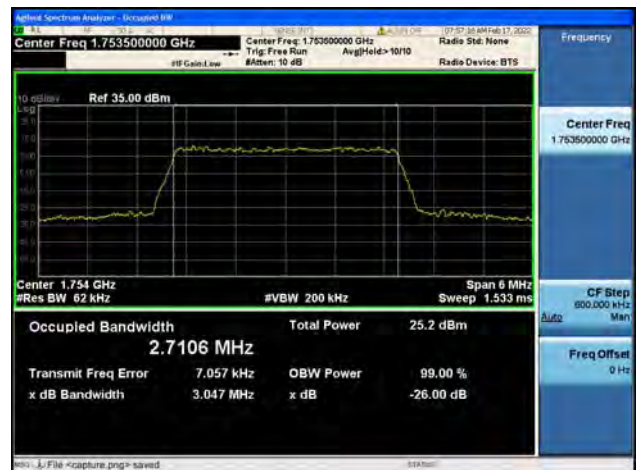
Band4 / 3MHz / High CH / QPSK



Band4 / 3MHz / High CH / 16QAM

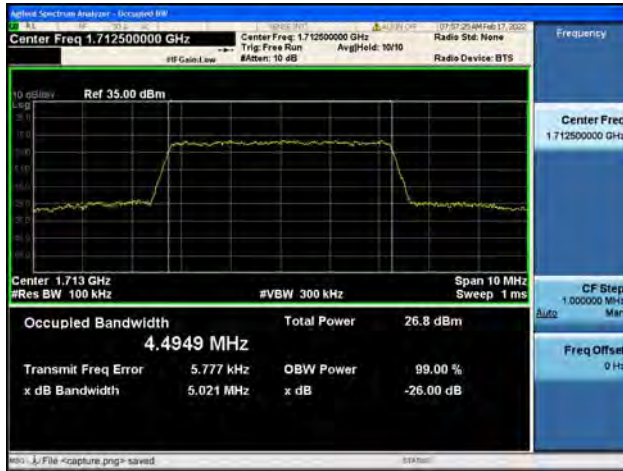


Band4 / 3MHz / High CH / 64QAM





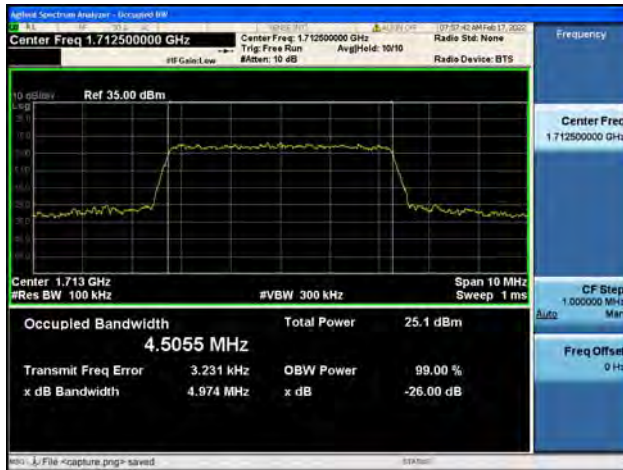
Band4 / 5MHz / Low CH / QPSK



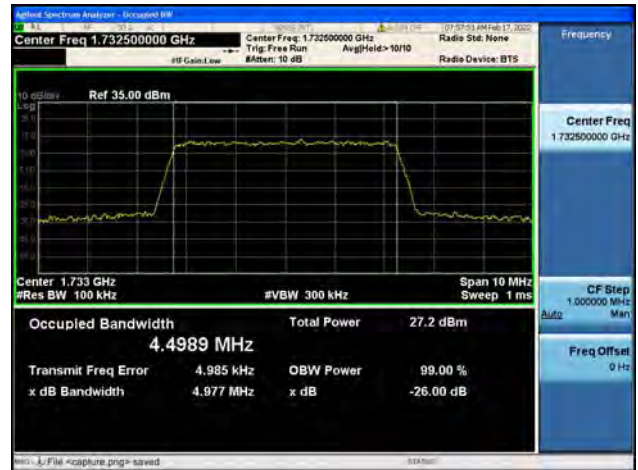
Band4 / 5MHz / Low CH / 16QAM



Band4 / 5MHz / Low CH / 64QAM



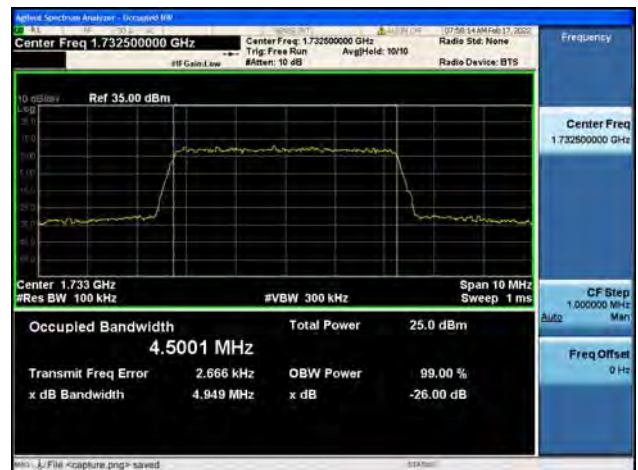
Band4 / 5MHz / Mid CH / QPSK



Band4 / 5MHz / Mid CH / 16QAM

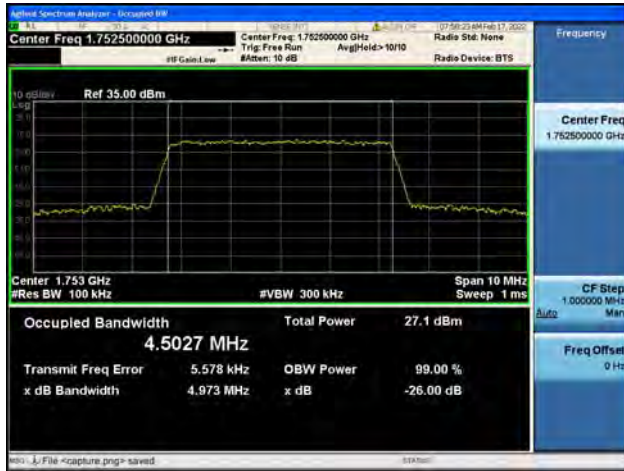


Band4 / 5MHz / Mid CH / 64QAM

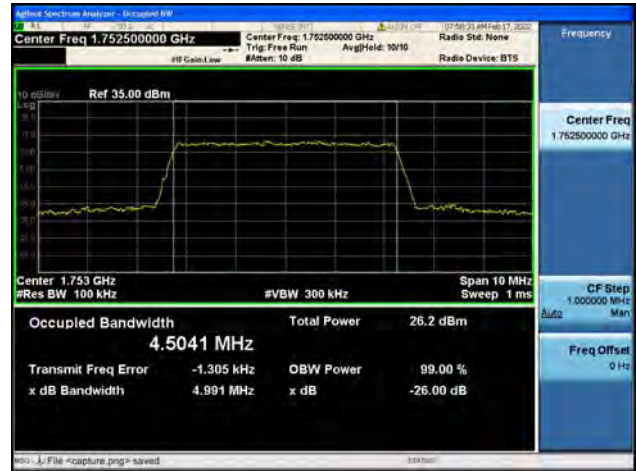




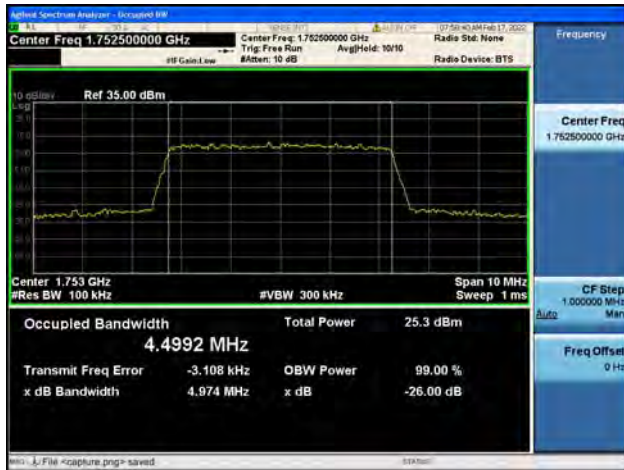
Band4 / 5MHz / High CH / QPSK



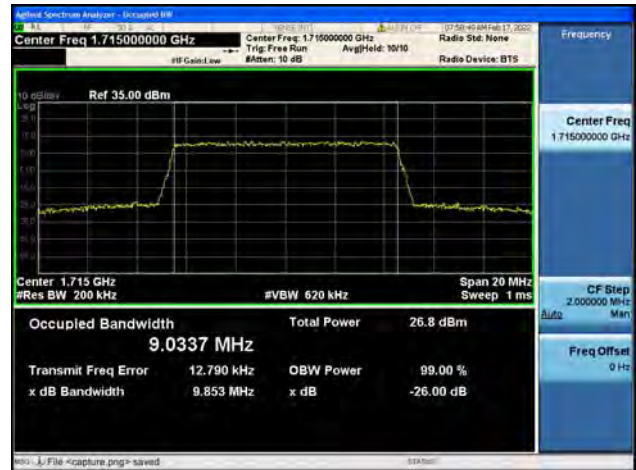
Band4 / 5MHz / High CH / 16QAM



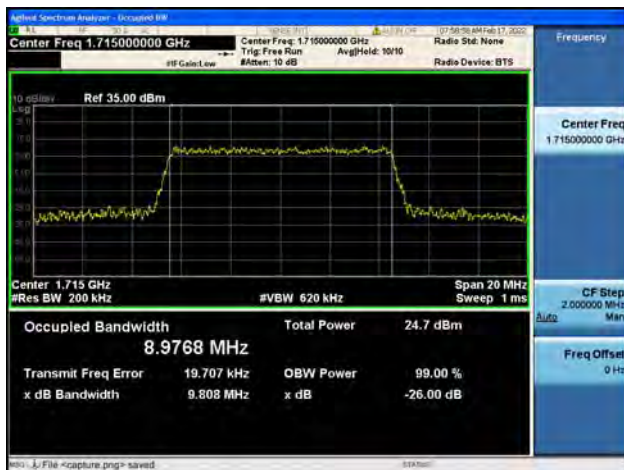
Band4 / 5MHz / High CH / 64QAM



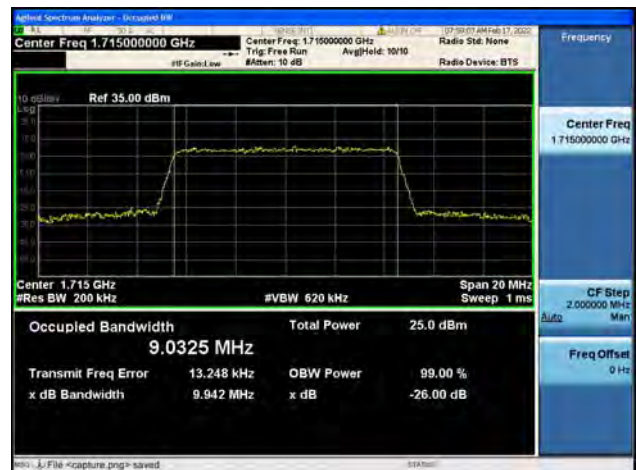
Band4 / 10MHz / Low CH / QPSK



Band4 / 10MHz / Low CH / 16QAM

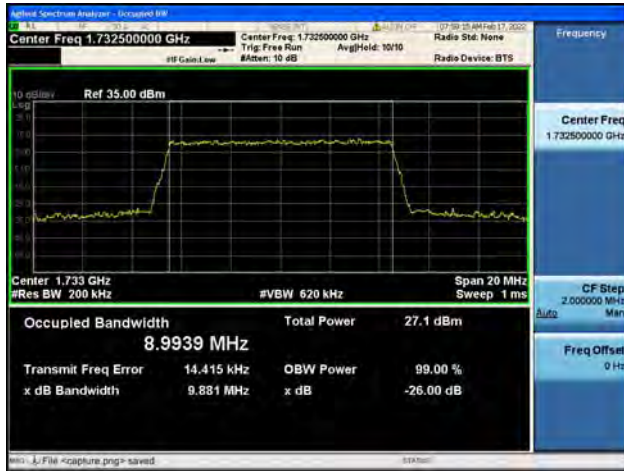


Band4 / 10MHz / Low CH / 64QAM

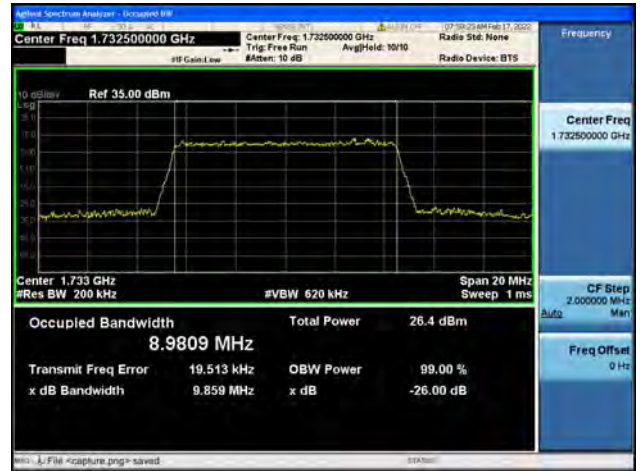




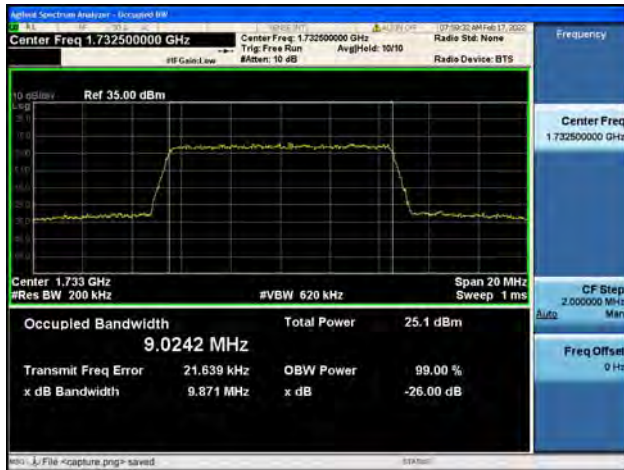
Band4 / 10MHz / Mid CH / QPSK



Band4 / 10MHz / Mid CH / 16QAM



Band4 / 10MHz / Mid CH / 64QAM



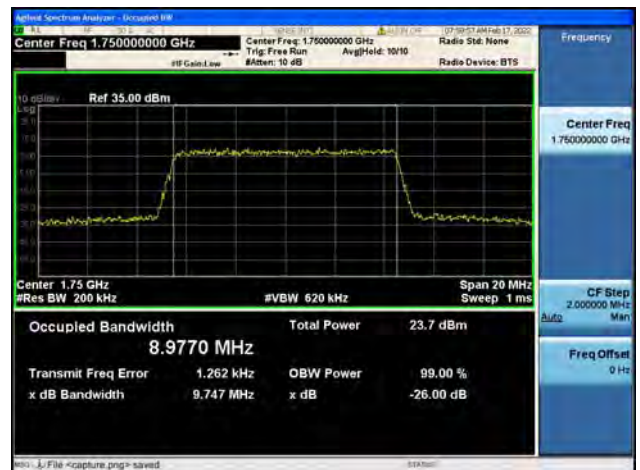
Band4 / 10MHz / High CH / QPSK



Band4 / 10MHz / High CH / 16QAM

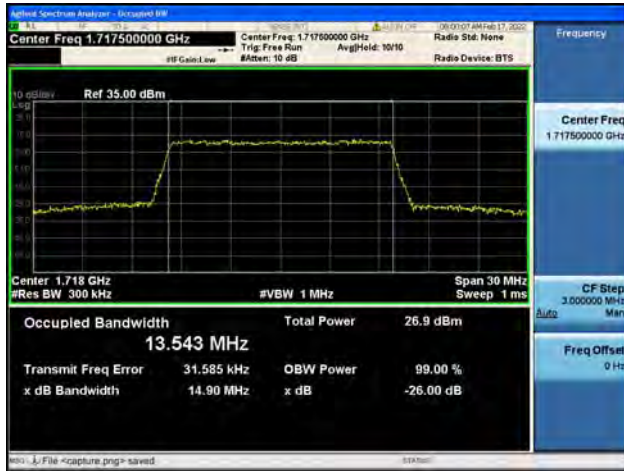


Band4 / 10MHz / High CH / 64QAM

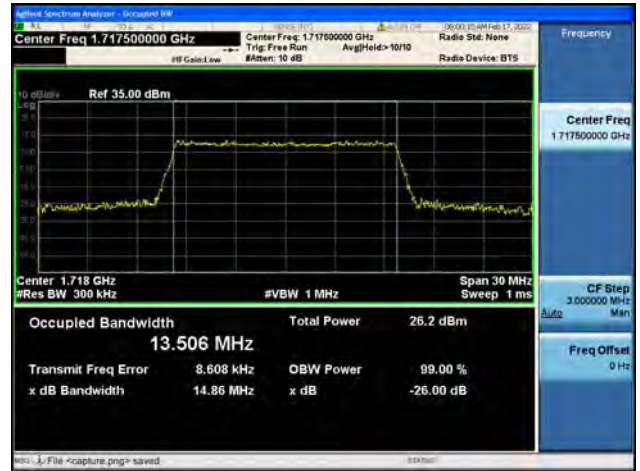




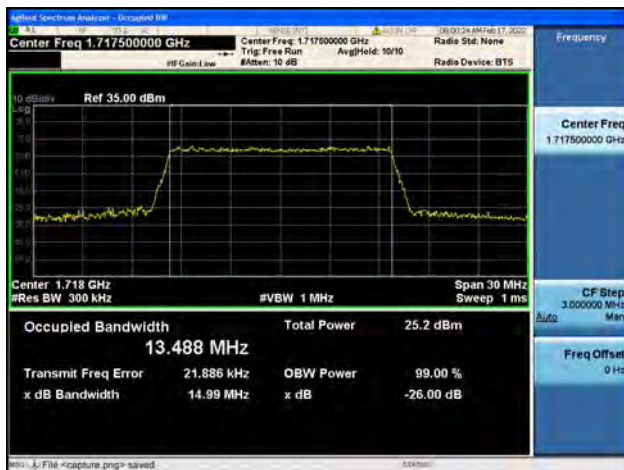
Band4 / 15MHz / Low CH / QPSK



Band4 / 15MHz / Low CH / 16QAM



Band4 / 15MHz / Low CH / 64QAM



Band4 / 15MHz / Mid CH / QPSK



Band4 / 15MHz / Mid CH / 16QAM

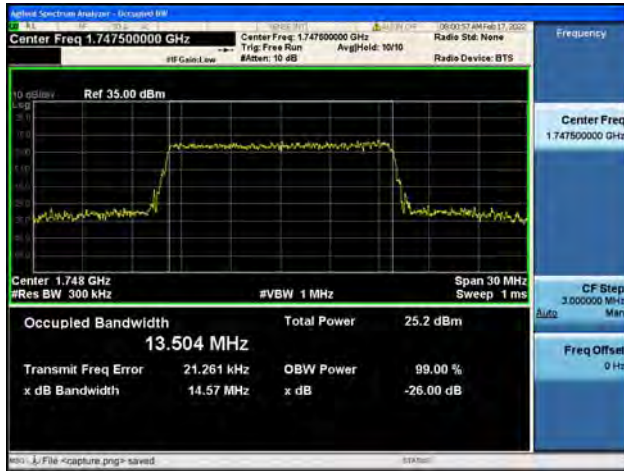


Band4 / 15MHz / Mid CH / 64QAM

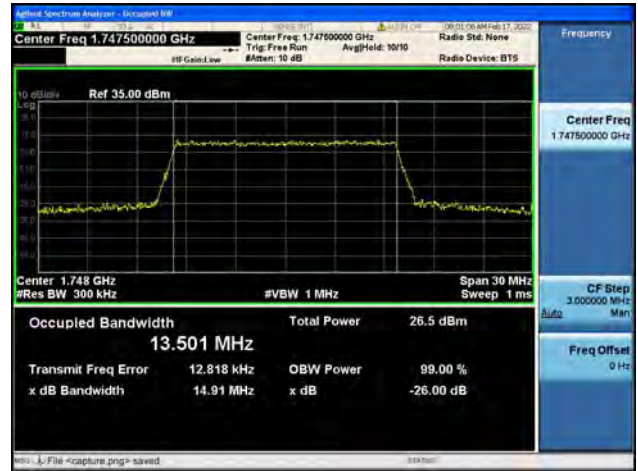




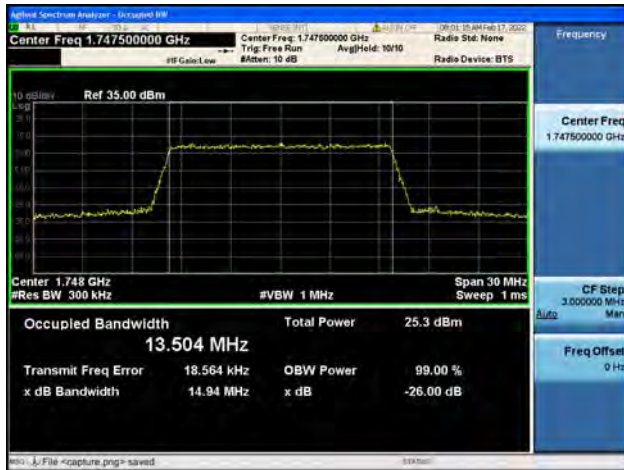
Band4 / 15MHz / High CH / QPSK



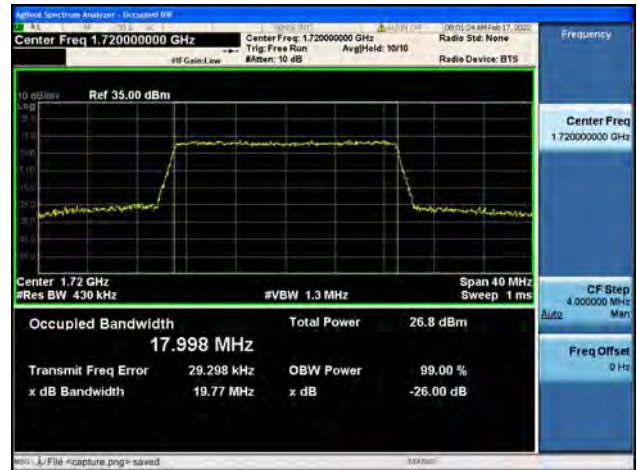
Band4 / 15MHz / High CH / 16QAM



Band4 / 15MHz / High CH / 64QAM



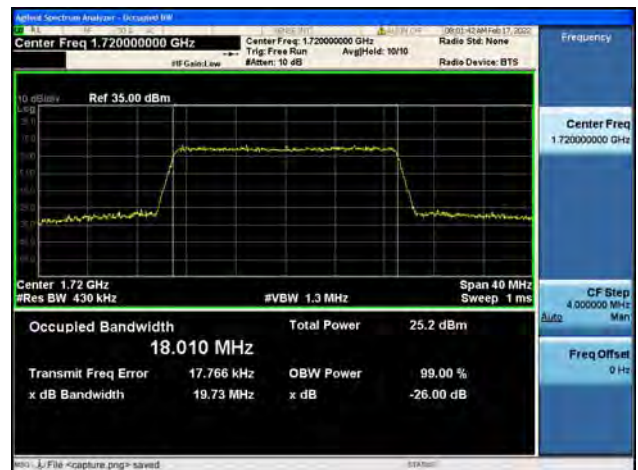
Band4 / 20MHz / Low CH / QPSK



Band4 / 20MHz / Low CH / 16QAM

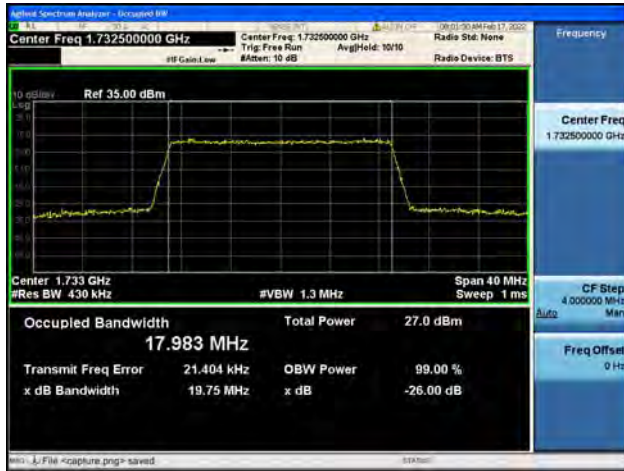


Band4 / 20MHz / Low CH / 64QAM

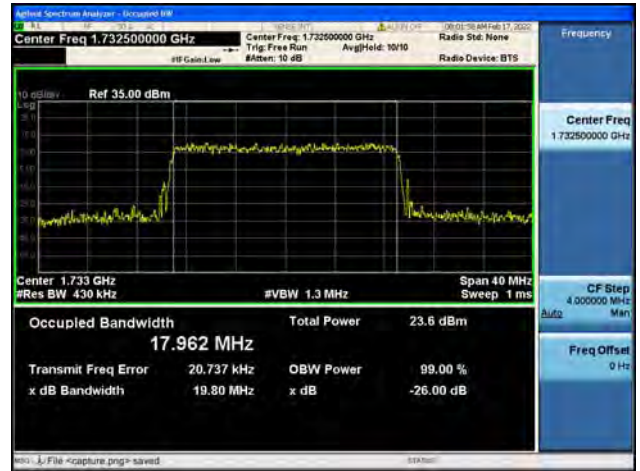




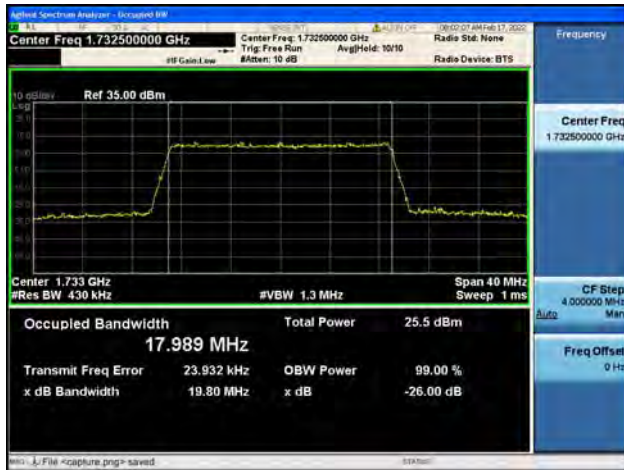
Band4 / 20MHz / Mid CH / QPSK



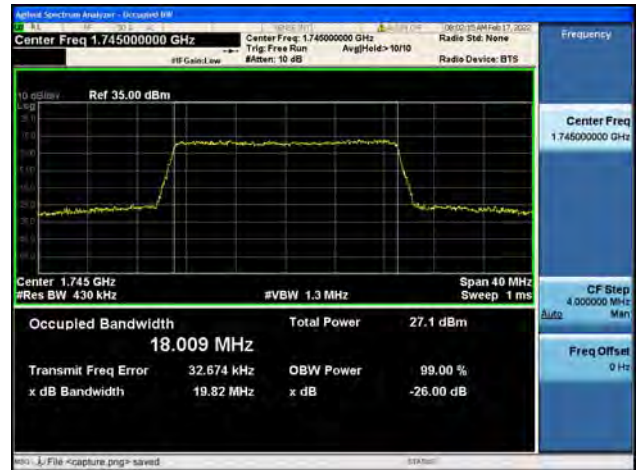
Band4 / 20MHz / Mid CH / 16QAM



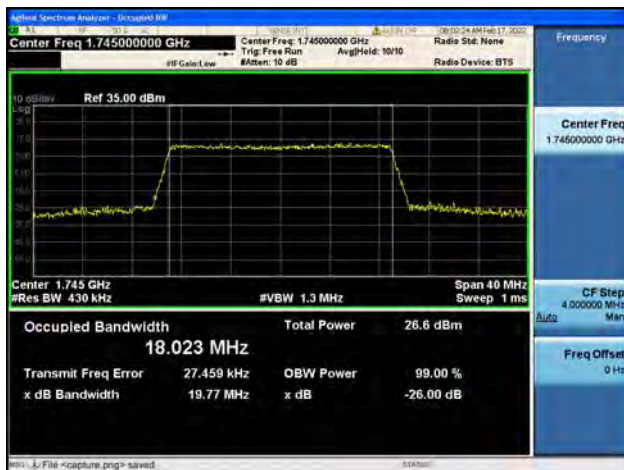
Band4 / 20MHz / Mid CH / 64QAM



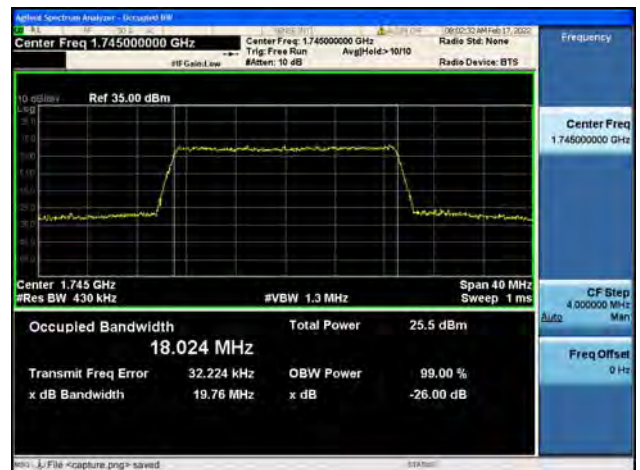
Band4 / 20MHz / High CH / QPSK



Band4 / 20MHz / High CH / 16QAM

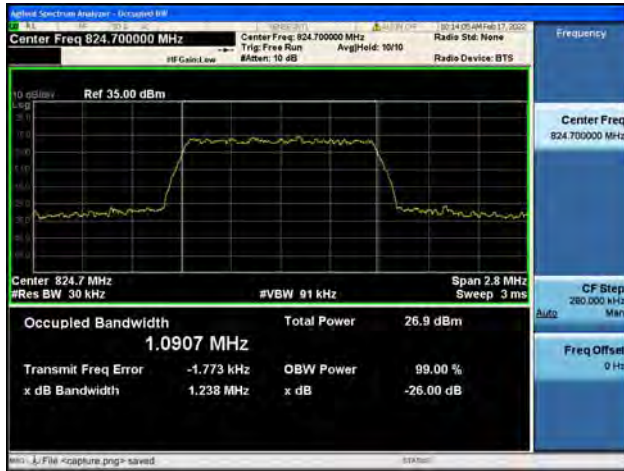


Band4 / 20MHz / High CH / 64QAM





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

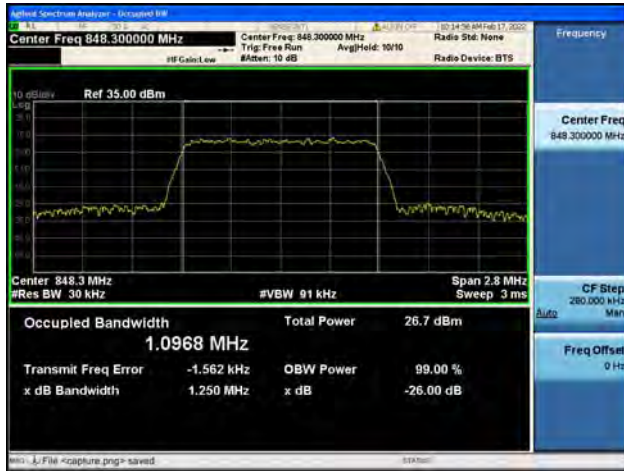


Band5 / 1.4MHz / Mid CH / 64QAM

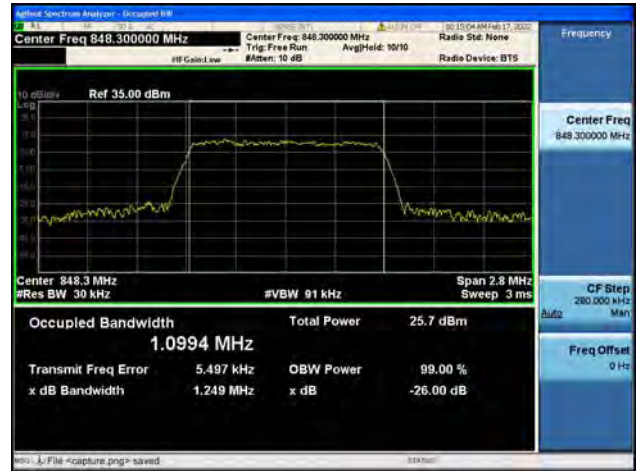




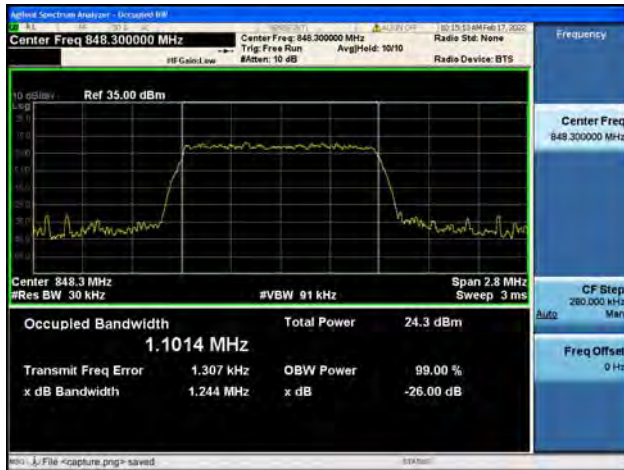
Band5 / 1.4MHz / High CH / QPSK



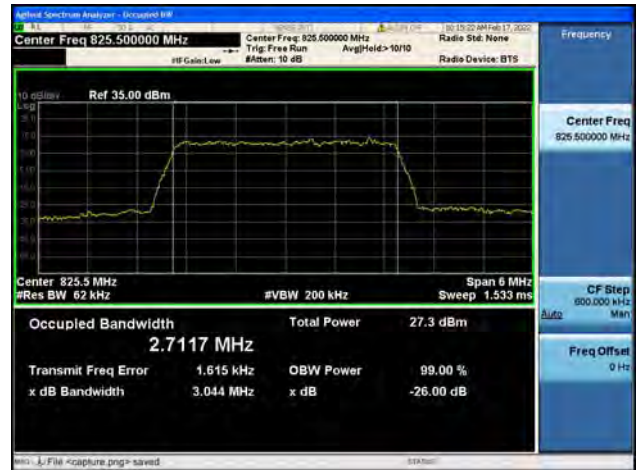
Band5 / 1.4MHz / High CH / 16QAM



Band5 / 1.4MHz / High CH / 64QAM



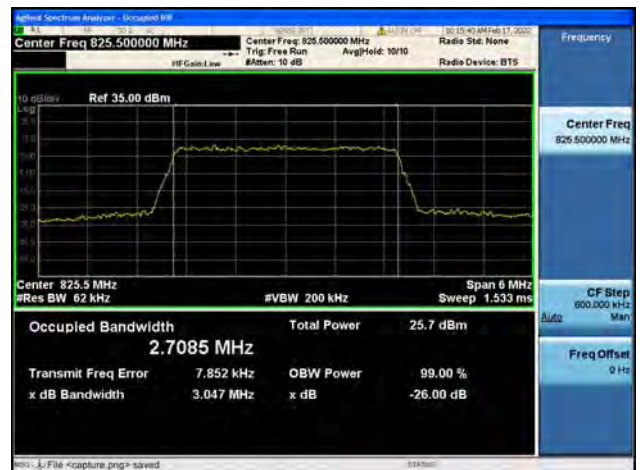
Band5 / 3MHz / Low CH / QPSK



Band5 / 3MHz / Low CH / 16QAM

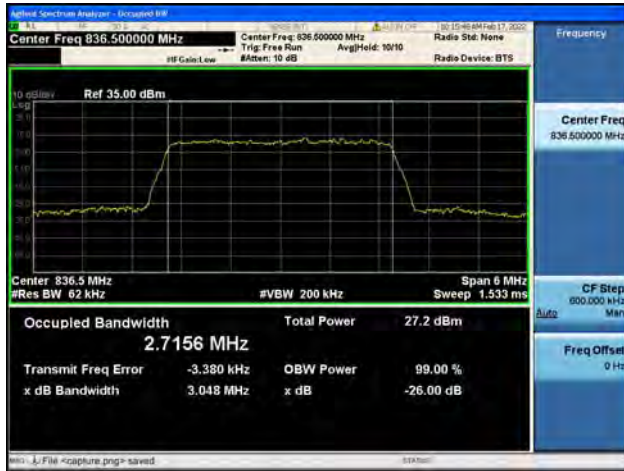


Band5 / 3MHz / Low CH / 64QAM





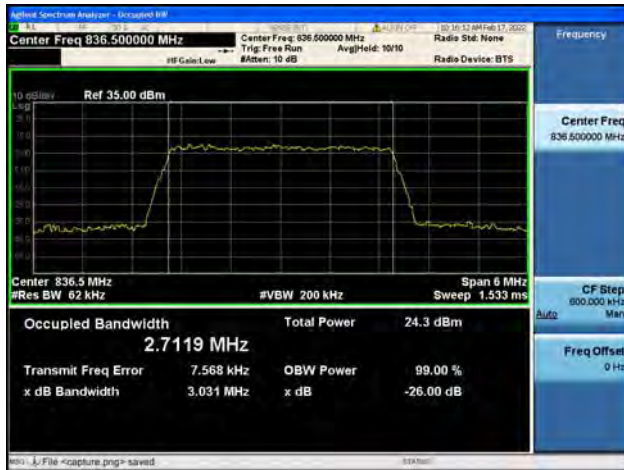
Band5 / 3MHz / Mid CH / QPSK



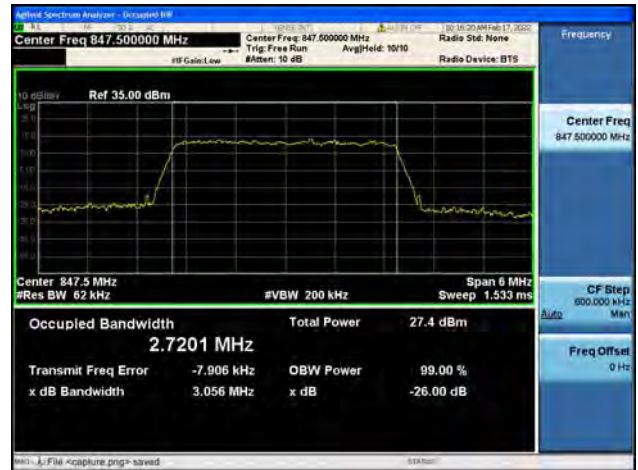
Band5 / 3MHz / Mid CH / 16QAM



Band5 / 3MHz / Mid CH / 64QAM



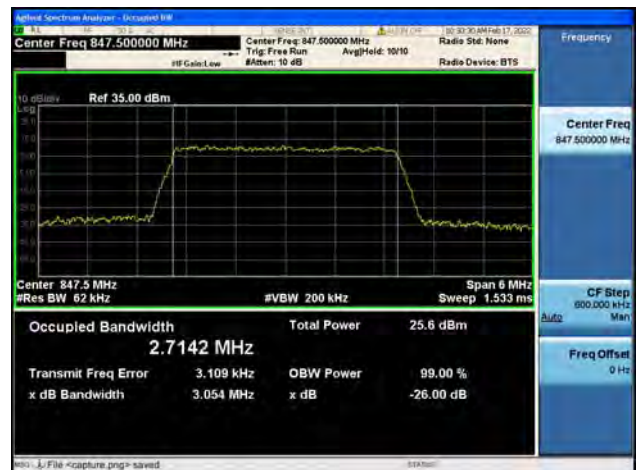
Band5 / 3MHz / High CH / QPSK



Band5 / 3MHz / High CH / 16QAM

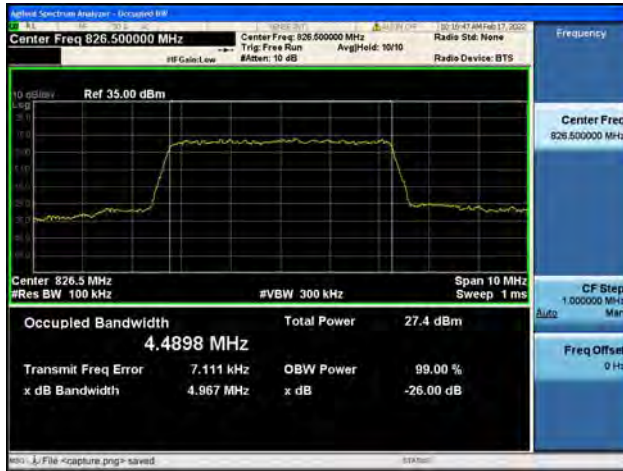


Band5 / 3MHz / High CH / 64QAM





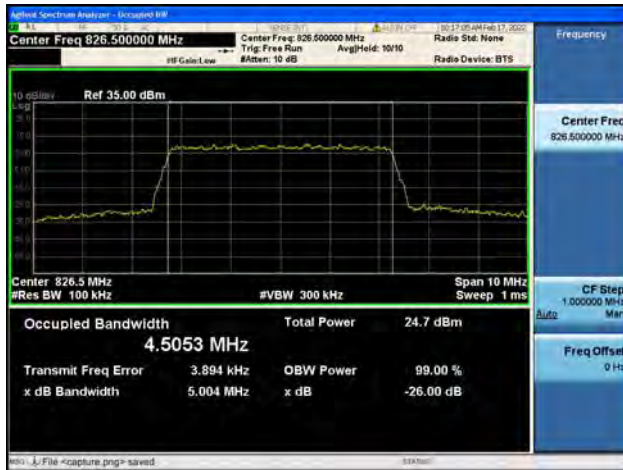
Band5 / 5MHz / Low CH / QPSK



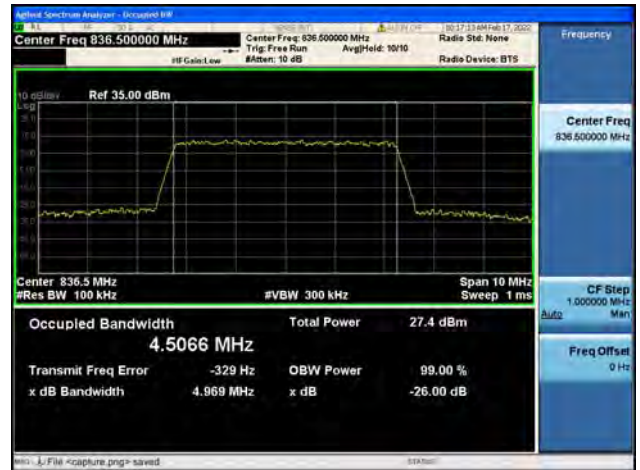
Band5 / 5MHz / Low CH / 16QAM



Band5 / 5MHz / Low CH / 64QAM



Band5 / 5MHz / Mid CH / QPSK



Band5 / 5MHz / Mid CH / 16QAM

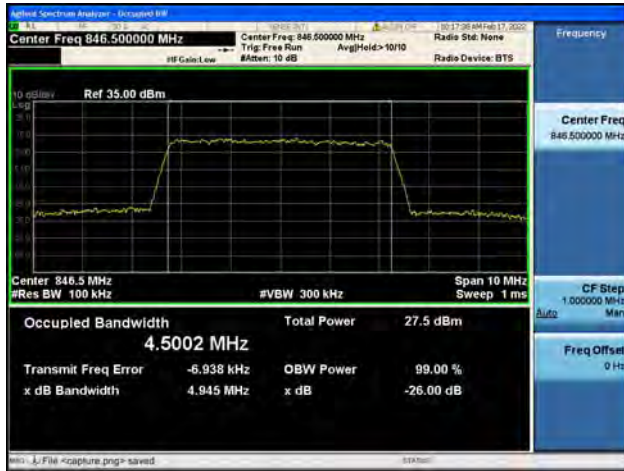


Band5 / 5MHz / Mid CH / 64QAM

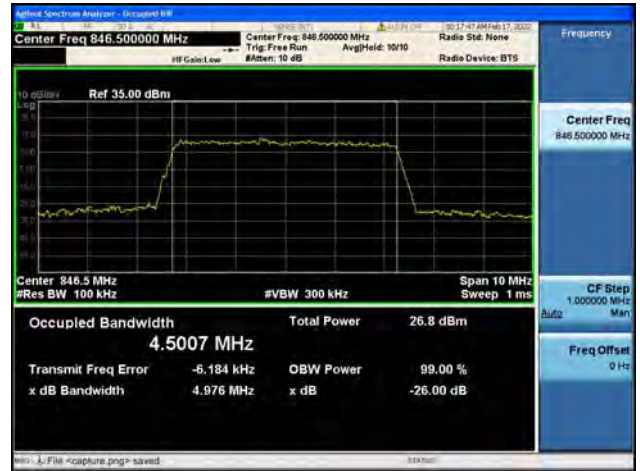




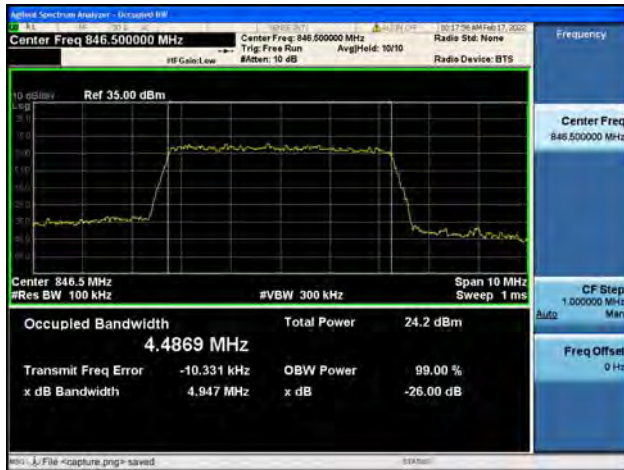
Band5 / 5MHz / High CH / QPSK



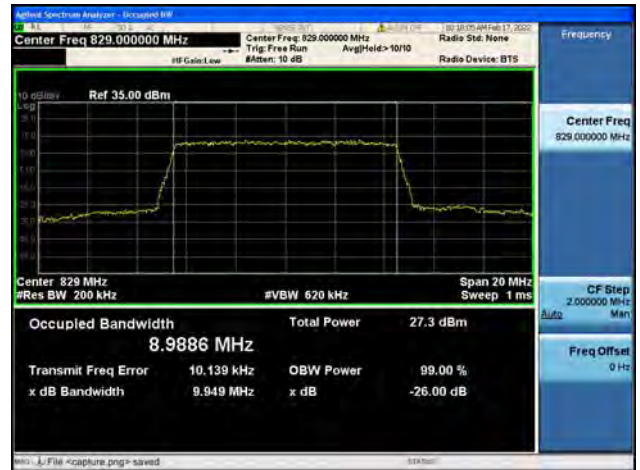
Band5 / 5MHz / High CH / 16QAM



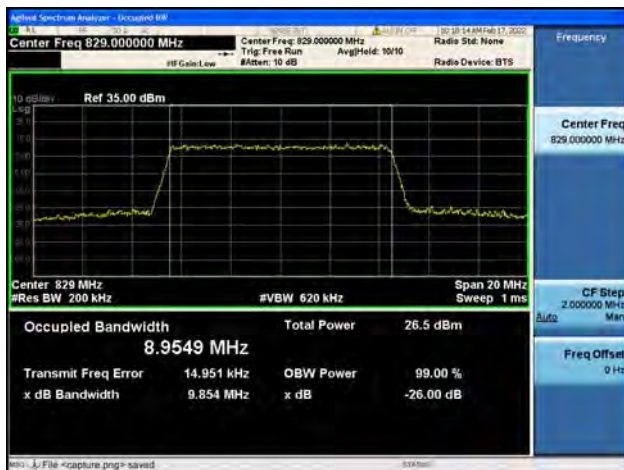
Band5 / 5MHz / High CH / 64QAM



Band5 / 10MHz / Low CH / QPSK



Band5 / 10MHz / Low CH / 16QAM

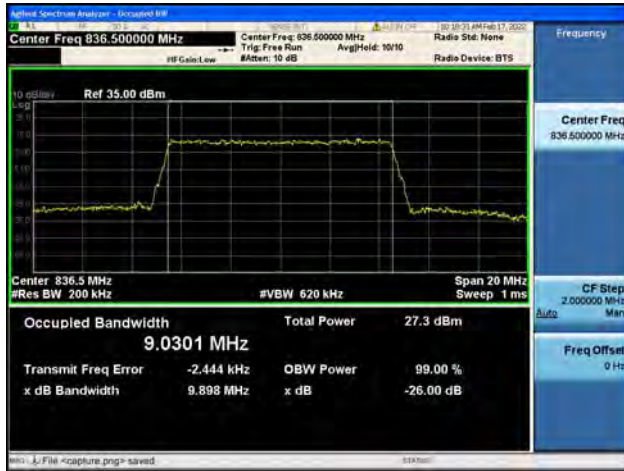


Band5 / 10MHz / Low CH / 64QAM

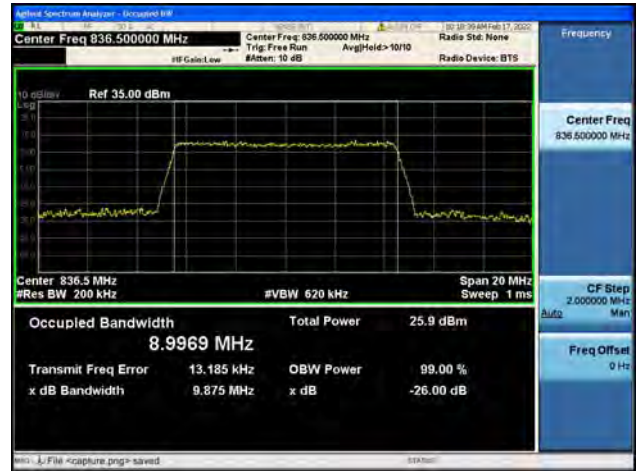




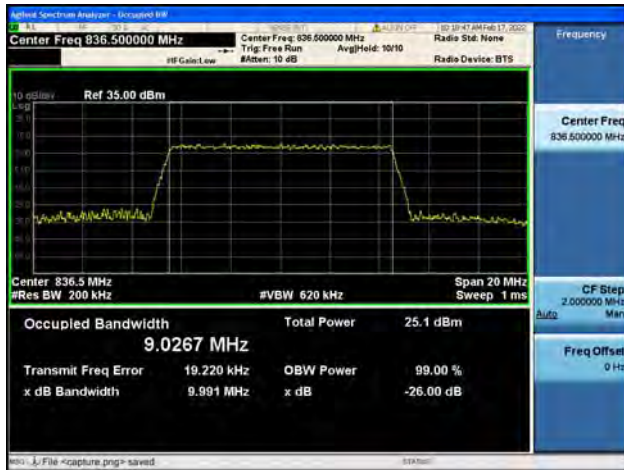
Band5 / 10MHz / Mid CH / QPSK



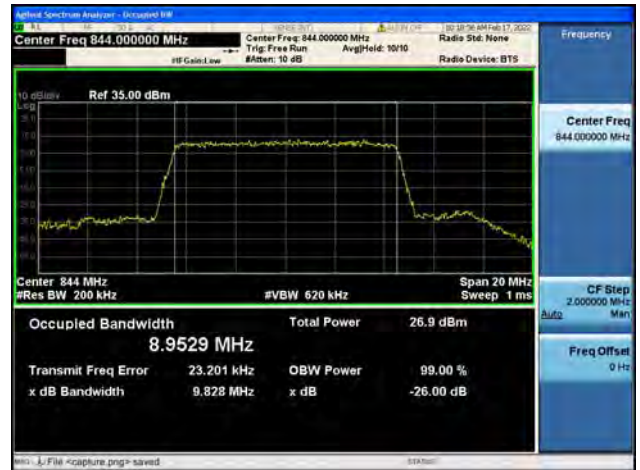
Band5 / 10MHz / Mid CH / 16QAM



Band5 / 10MHz / Mid CH / 64QAM



Band5 / 10MHz / High CH / QPSK



Band5 / 10MHz / High CH / 16QAM



Band5 / 10MHz / High CH / 64QAM

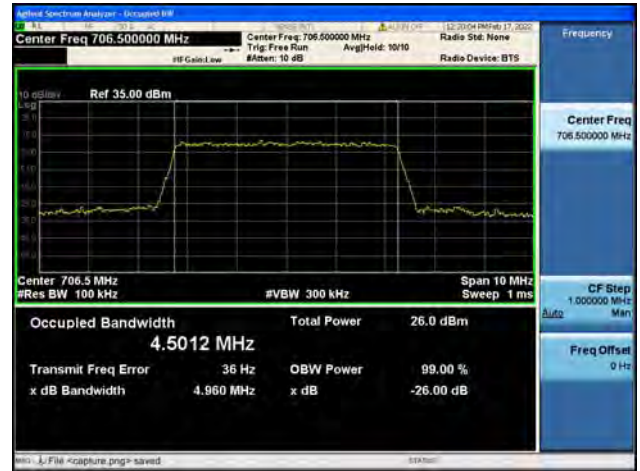




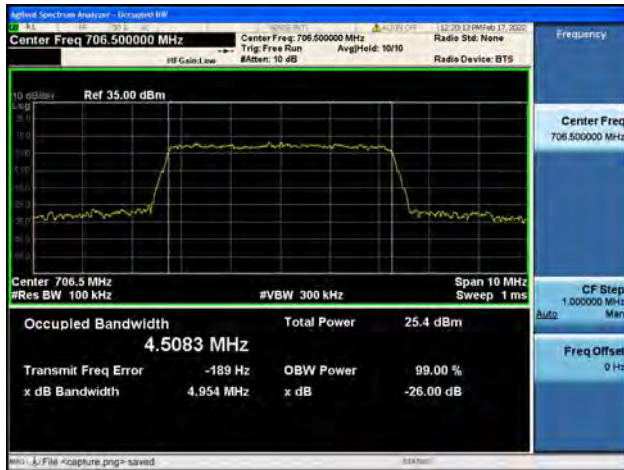
Band17 / 5MHz / Low CH / QPSK



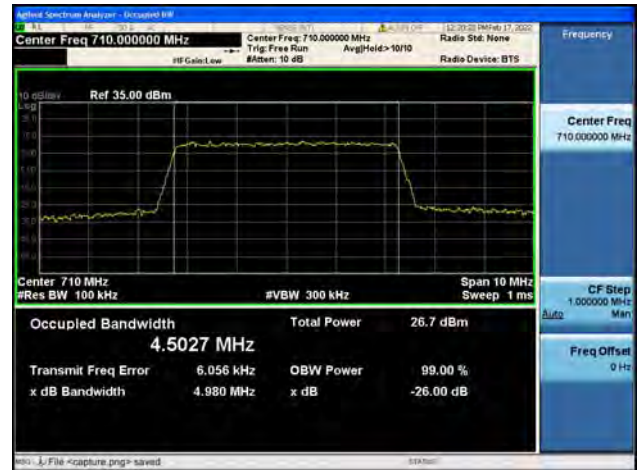
Band17 / 5MHz / Low CH / 16QAM



Band17 / 5MHz / Low CH / 64QAM



Band17 / 5MHz / Mid CH / QPSK



Band17 / 5MHz / Mid CH / 16QAM

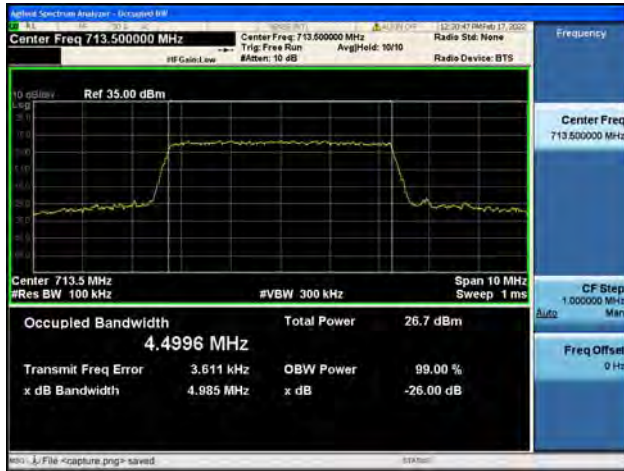


Band17 / 5MHz / Mid CH / 64QAM

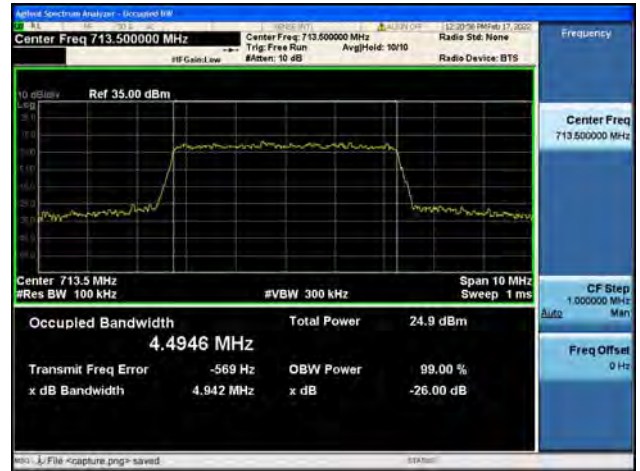




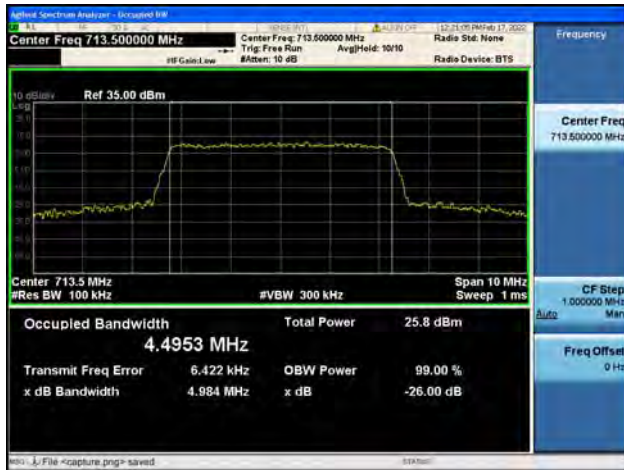
Band17 / 5MHz / High CH / QPSK



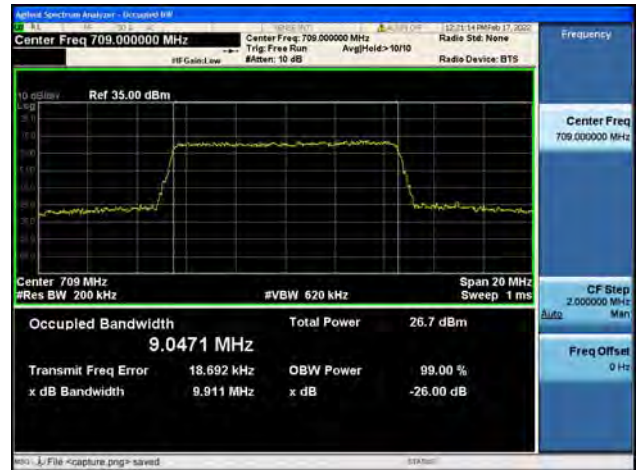
Band17 / 5MHz / High CH / 16QAM



Band17 / 5MHz / High CH / 64QAM



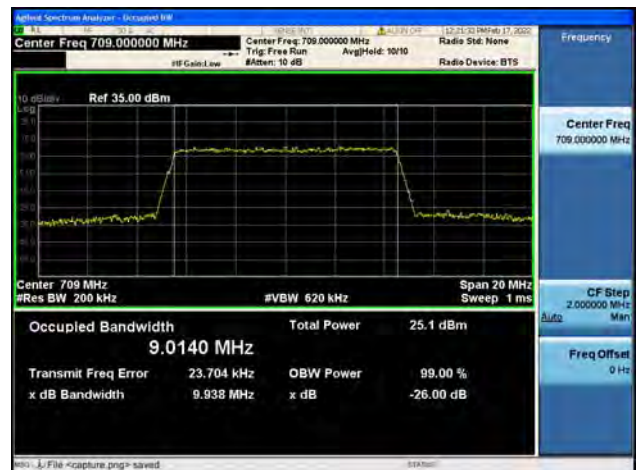
Band17 / 10MHz / Low CH / QPSK



Band17 / 10MHz / Low CH / 16QAM

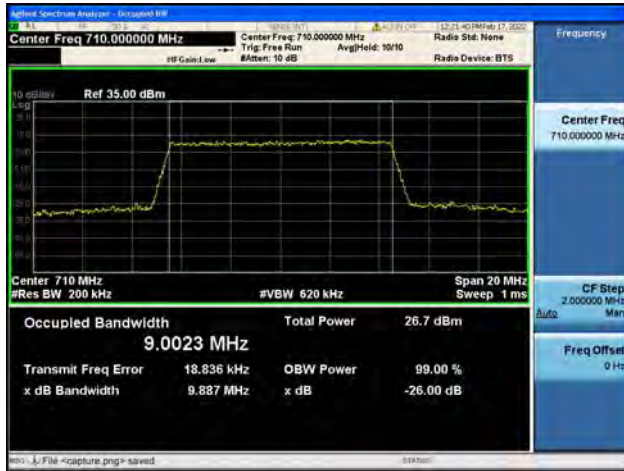


Band17 / 10MHz / Low CH / 64QAM

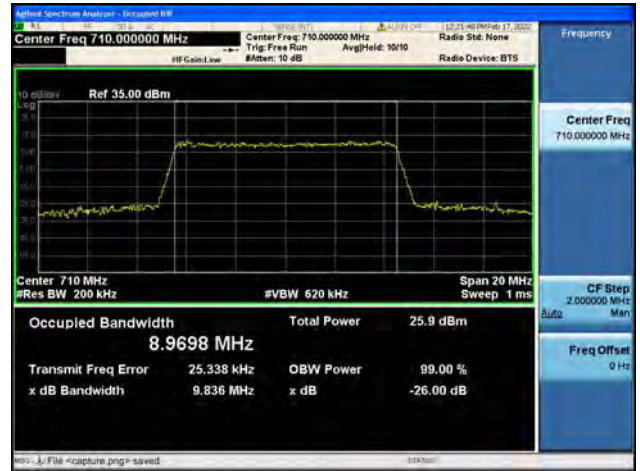




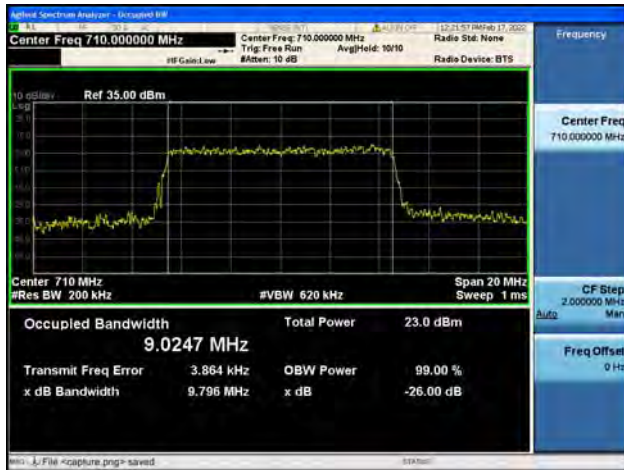
Band17 / 10MHz / Mid CH / QPSK



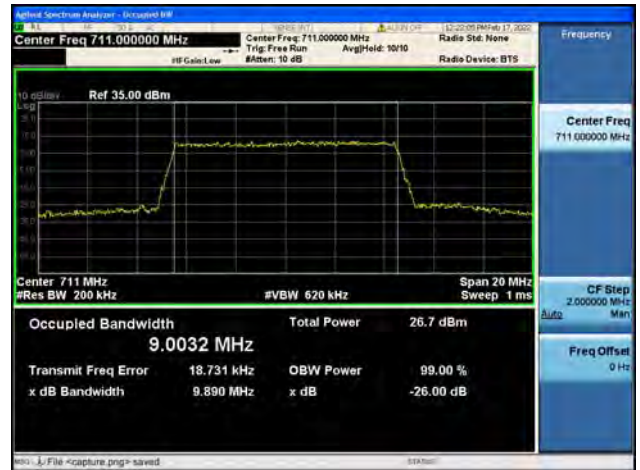
Band17 / 10MHz / Mid CH / 16QAM



Band17 / 10MHz / Mid CH / 64QAM



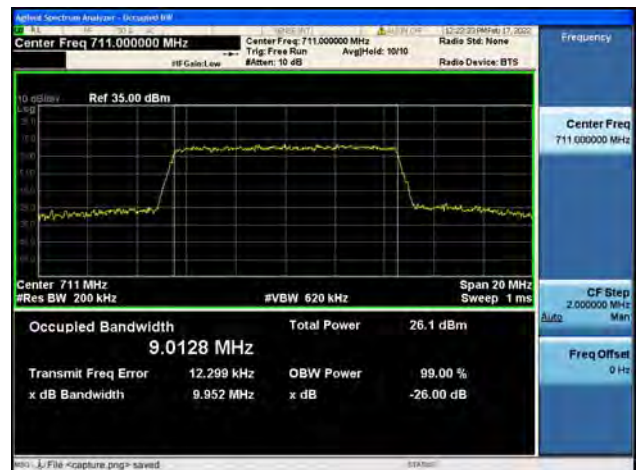
Band17 / 10MHz / High CH / QPSK



Band17 / 10MHz / High CH / 16QAM

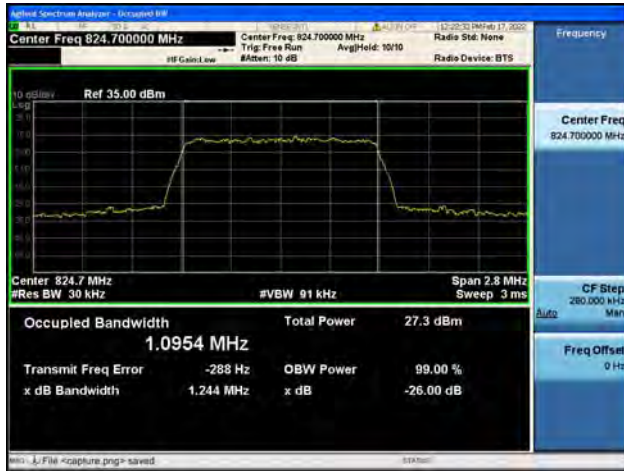


Band17 / 10MHz / High CH / 64QAM

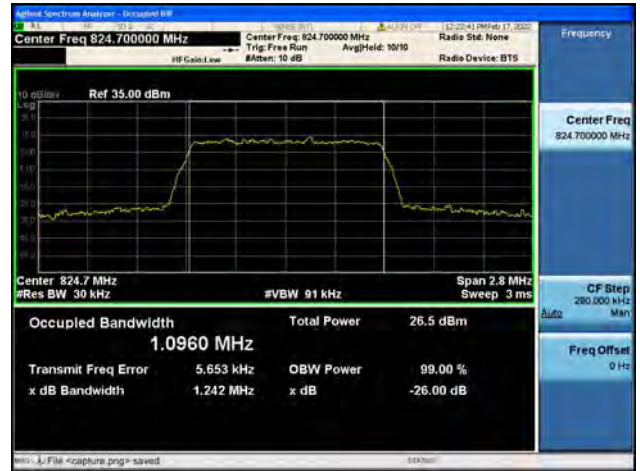




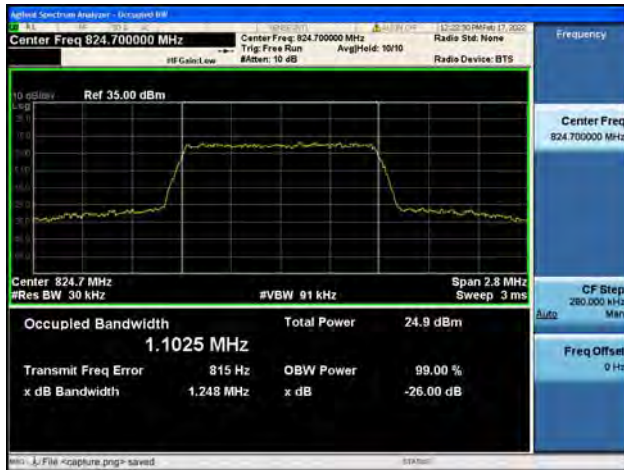
Band26 / 1.4MHz / Low CH / QPSK



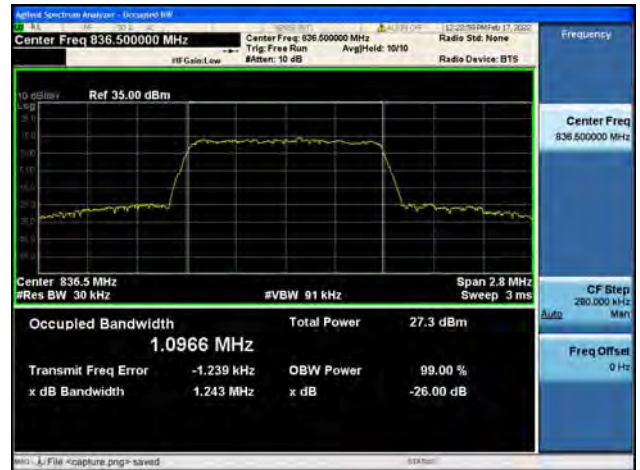
Band26 / 1.4MHz / Low CH / 16QAM



Band26 / 1.4MHz / Low CH / 64QAM



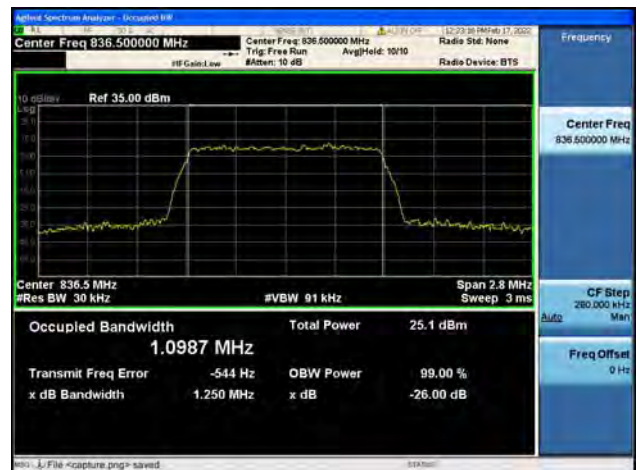
Band26 / 1.4MHz / Mid CH / QPSK



Band26 / 1.4MHz / Mid CH / 16QAM

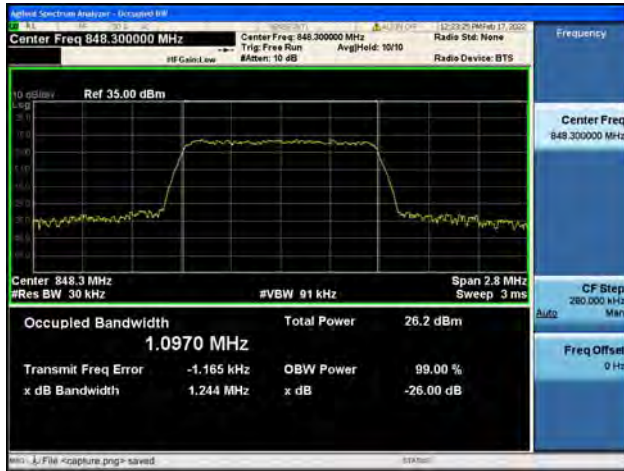


Band26 / 1.4MHz / Mid CH / 64QAM





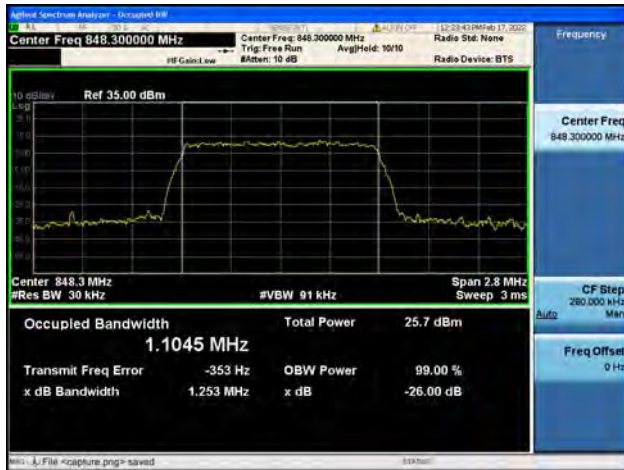
Band26 / 1.4MHz / High CH / QPSK



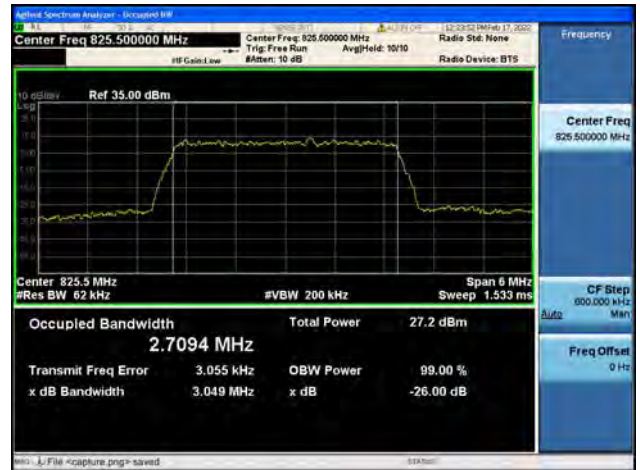
Band26 / 1.4MHz / High CH / 16QAM



Band26 / 1.4MHz / High CH / 64QAM



Band26 / 3MHz / Low CH / QPSK



Band26 / 3MHz / Low CH / 16QAM



Band26 / 3MHz / Low CH / 64QAM





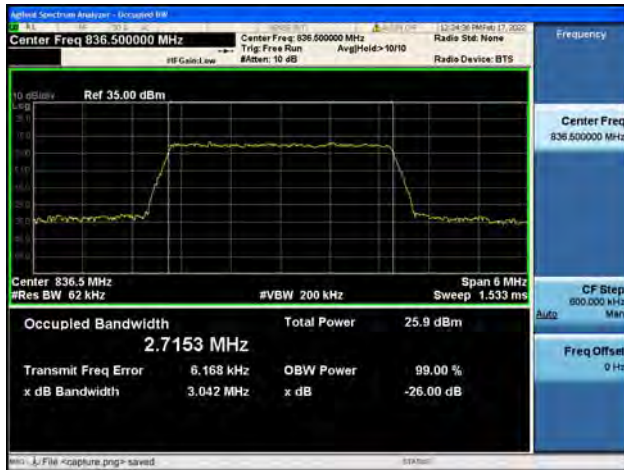
Band26 / 3MHz / Mid CH / QPSK



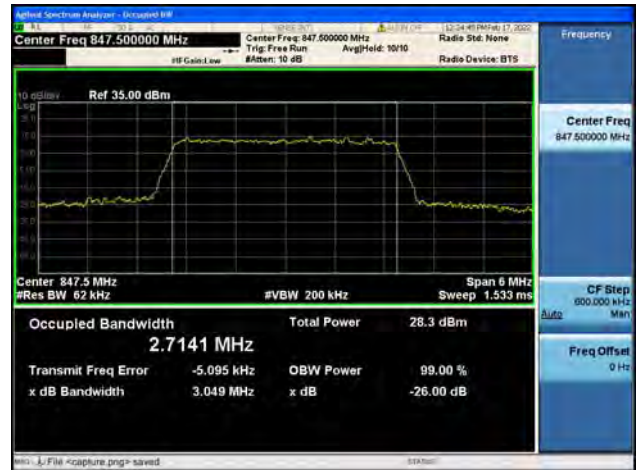
Band26 / 3MHz / Mid CH / 16QAM



Band26 / 3MHz / Mid CH / 64QAM



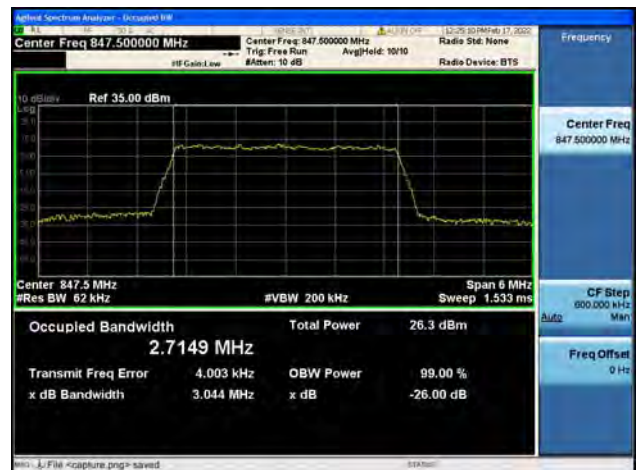
Band26 / 3MHz / High CH / QPSK



Band26 / 3MHz / High CH / 16QAM

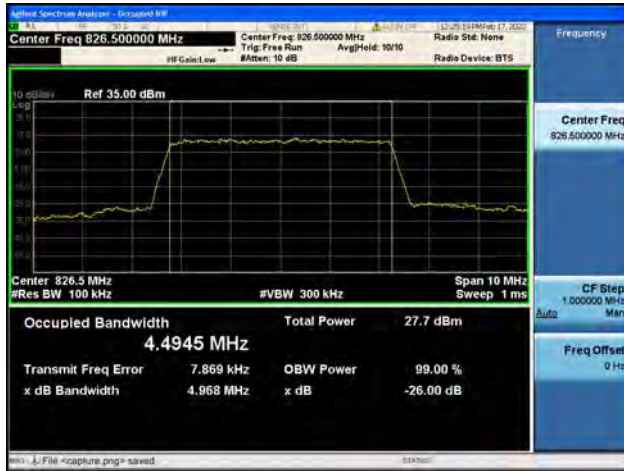


Band26 / 3MHz / High CH / 64QAM





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

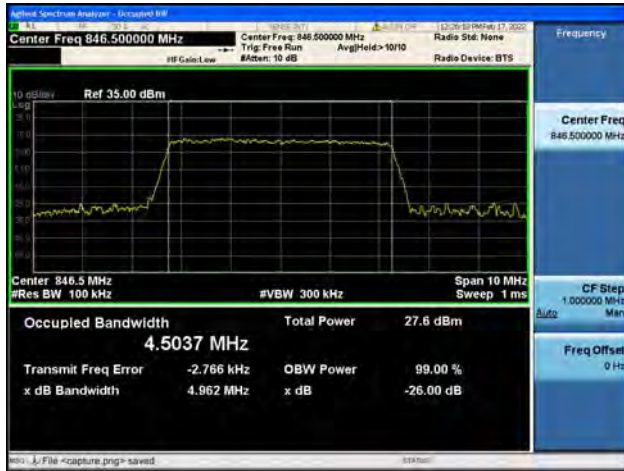


Band26 / 5MHz / Mid CH / 64QAM





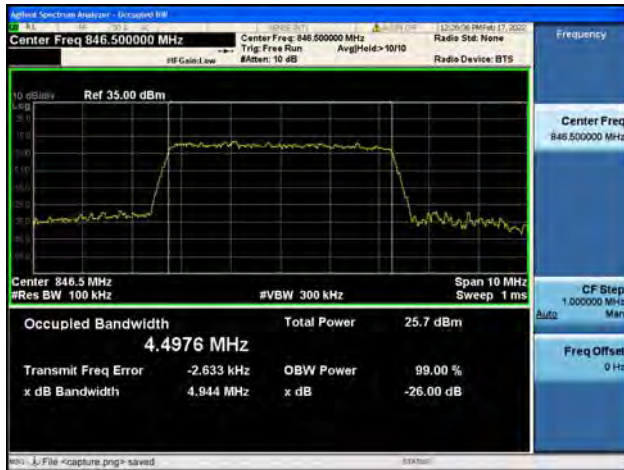
Band26 / 5MHz / High CH / QPSK



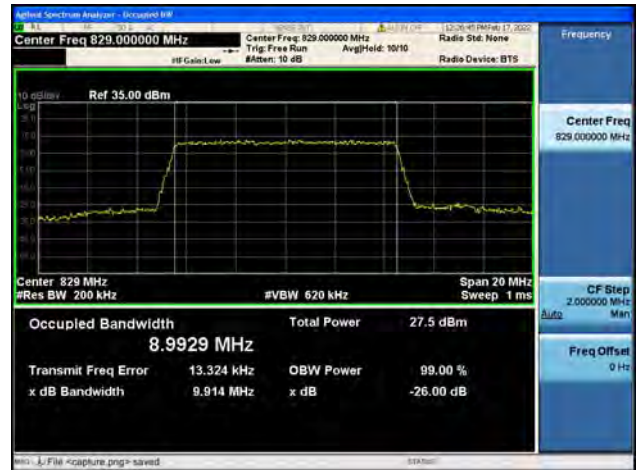
Band26 / 5MHz / High CH / 16QAM



Band26 / 5MHz / High CH / 64QAM



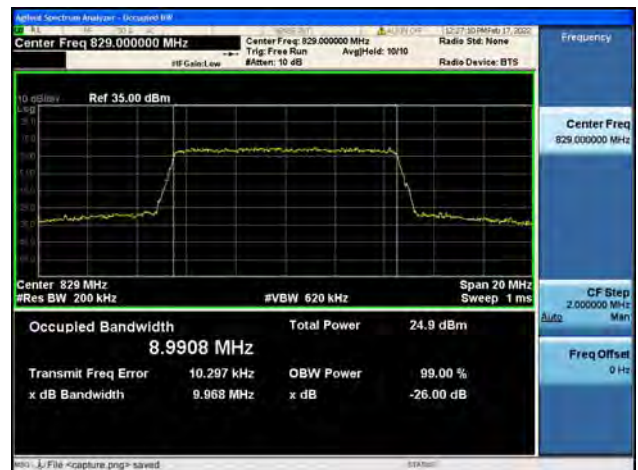
Band26 / 10MHz / Low CH / QPSK



Band26 / 10MHz / Low CH / 16QAM

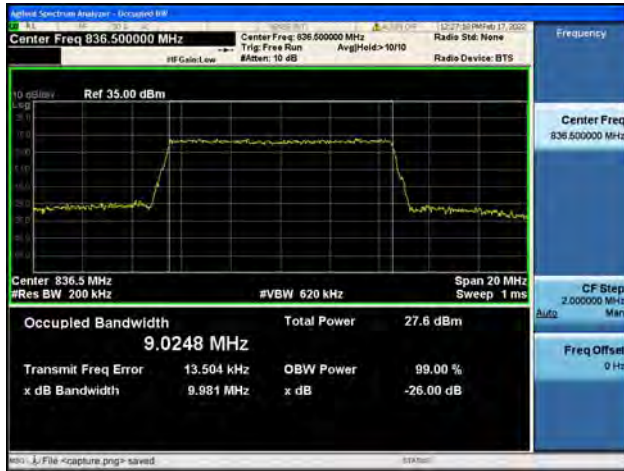


Band26 / 10MHz / Low CH / 64QAM

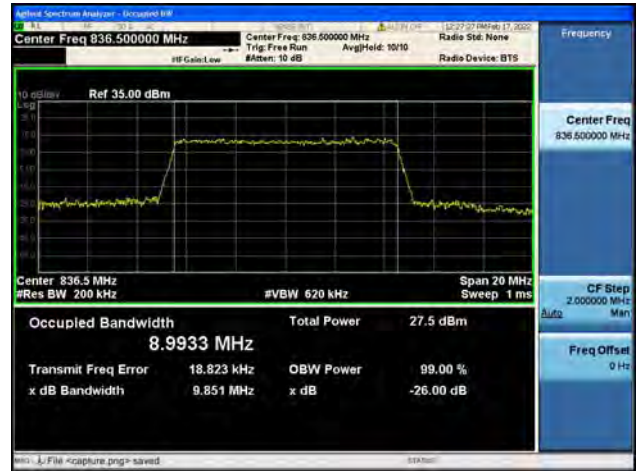




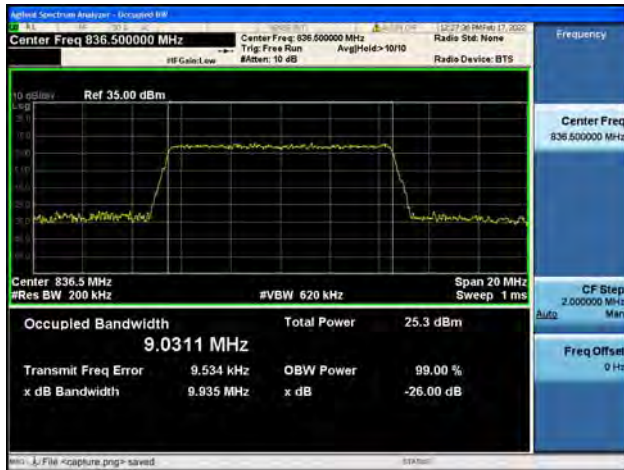
Band26 / 10MHz / Mid CH / QPSK



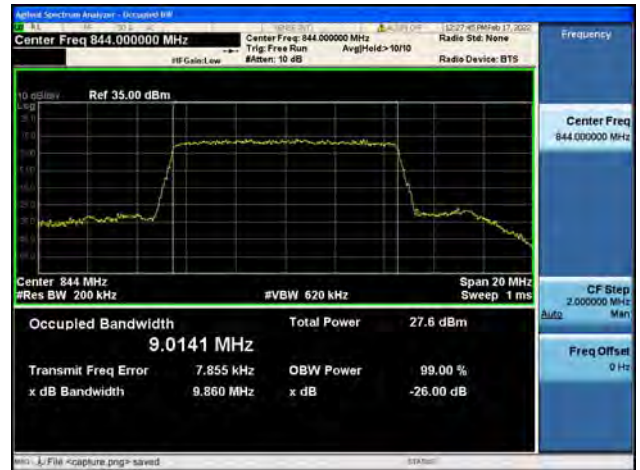
Band26 / 10MHz / Mid CH / 16QAM



Band26 / 10MHz / Mid CH / 64QAM



Band26 / 10MHz / High CH / QPSK



Band26 / 10MHz / High CH / 16QAM

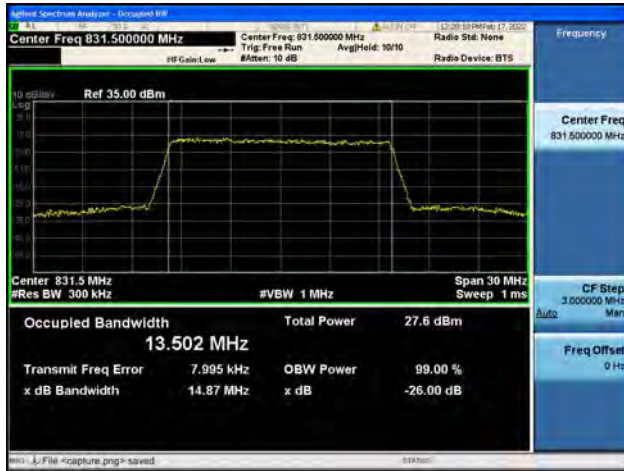


Band26 / 10MHz / High CH / 64QAM

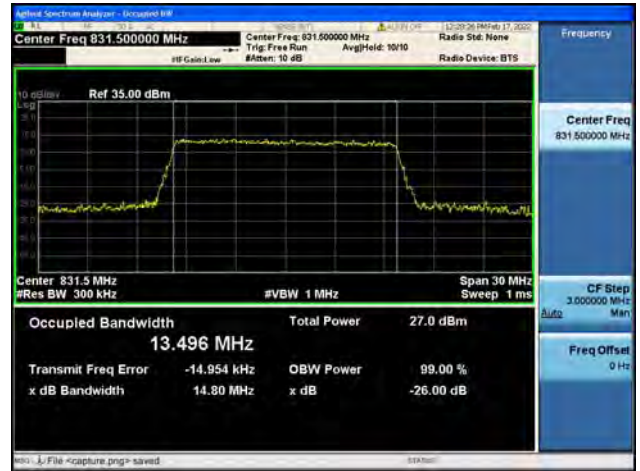




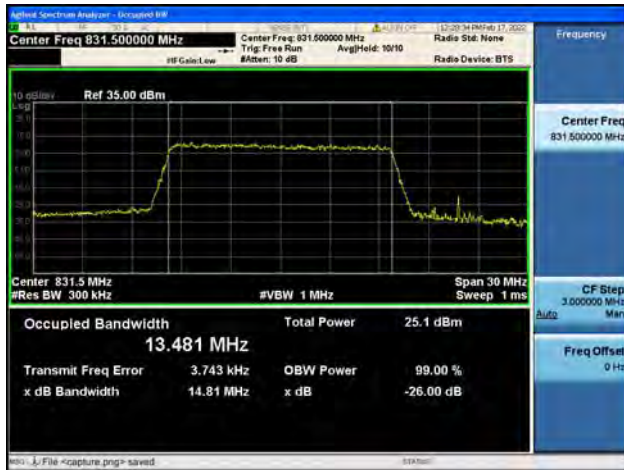
Band26 / 15MHz / Low CH / QPSK



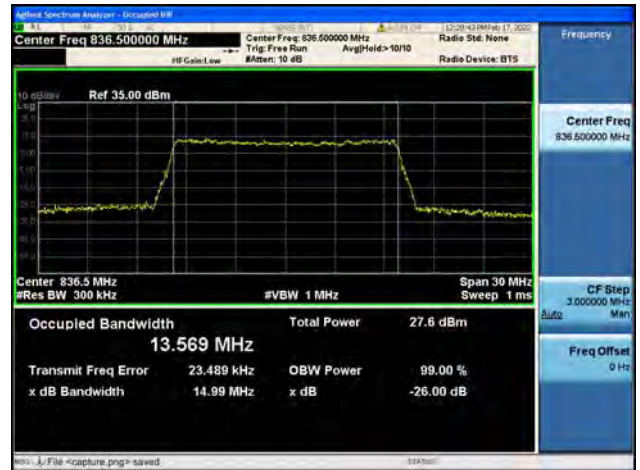
Band26 / 15MHz / Low CH / 16QAM



Band26 / 15MHz / Low CH / 64QAM



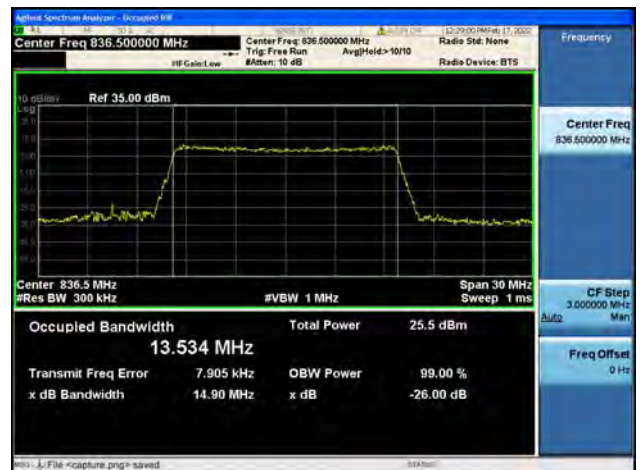
Band26 / 15MHz / Mid CH / QPSK



Band26 / 15MHz / Mid CH / 16QAM

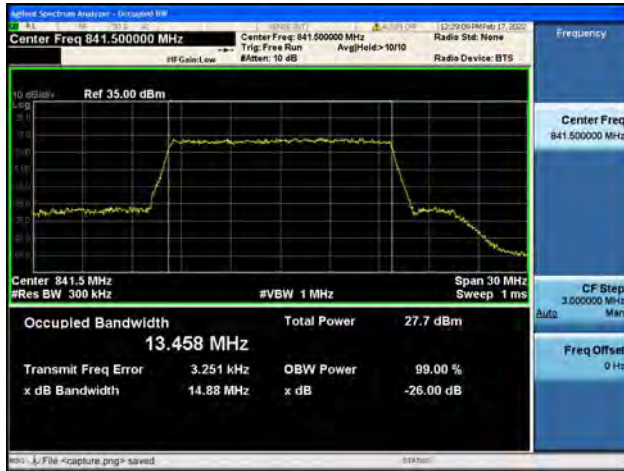


Band26 / 15MHz / Mid CH / 64QAM

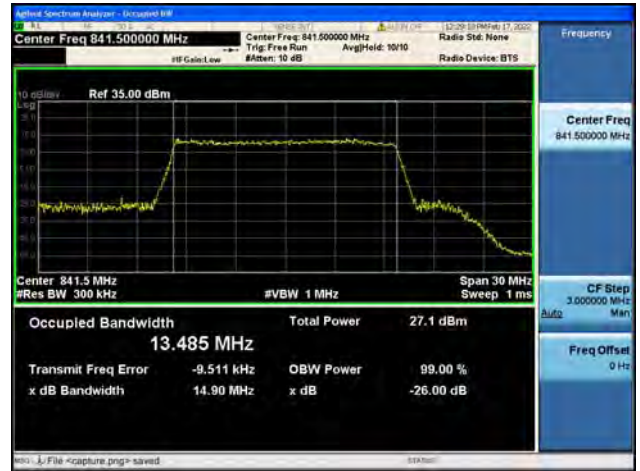




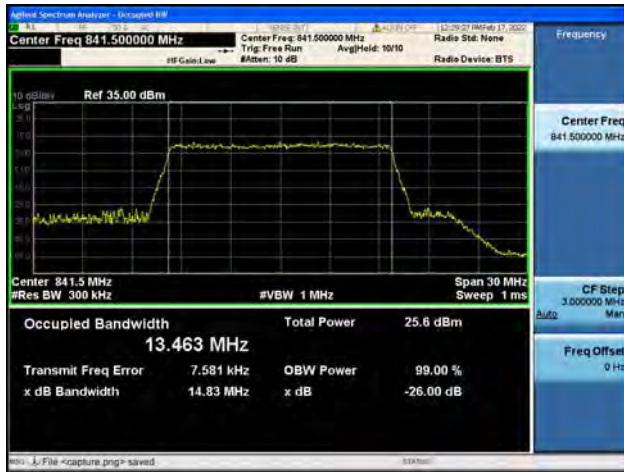
Band26 / 15MHz / High CH / QPSK



Band26 / 15MHz / High CH / 16QAM

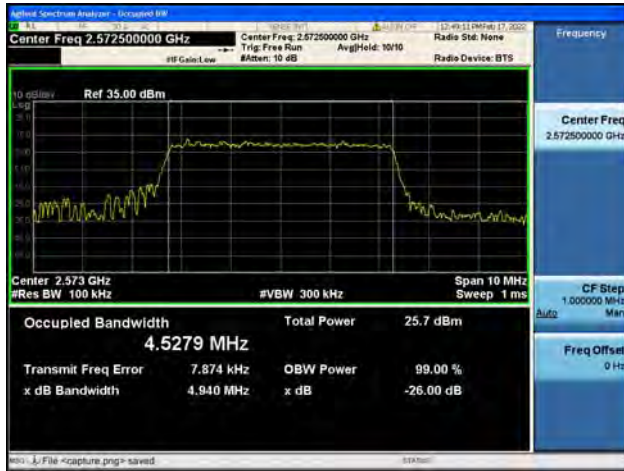


Band26 / 15MHz / High CH / 64QAM

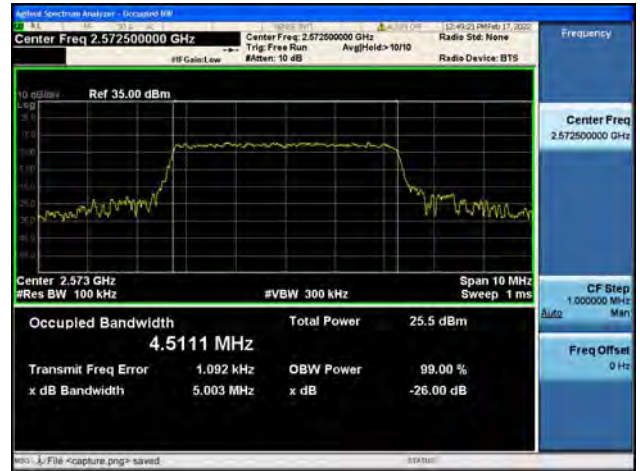




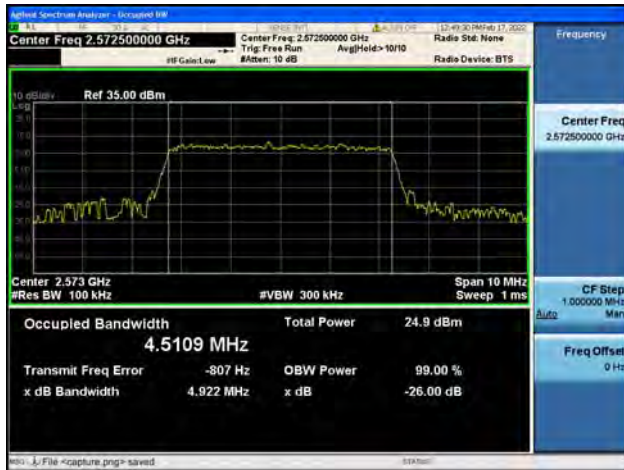
Band38 / 5MHz / Low CH / QPSK



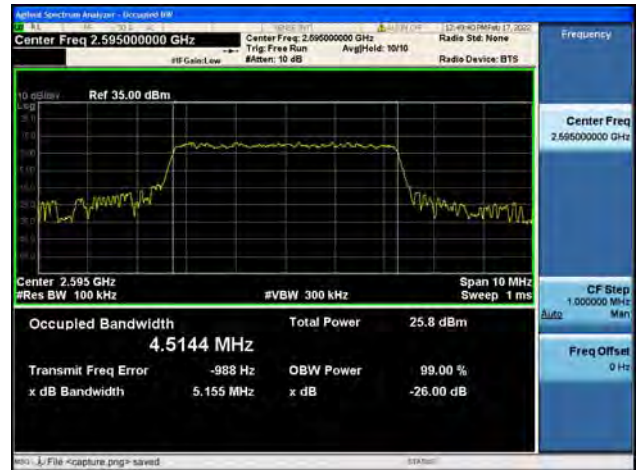
Band38 / 5MHz / Low CH / 16QAM



Band38 / 5MHz / Low CH / 64QAM



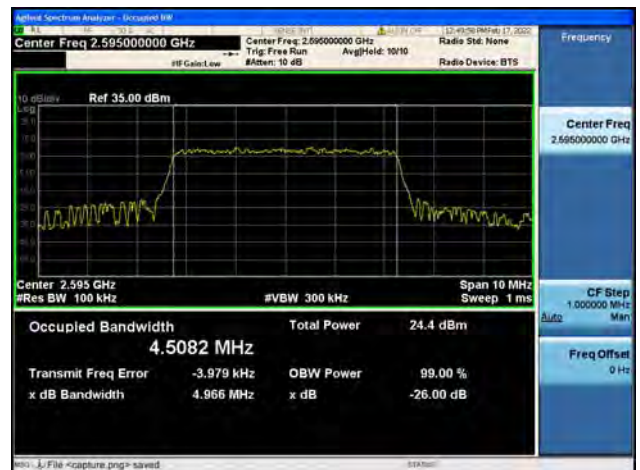
Band38 / 5MHz / Mid CH / QPSK



Band38 / 5MHz / Mid CH / 16QAM

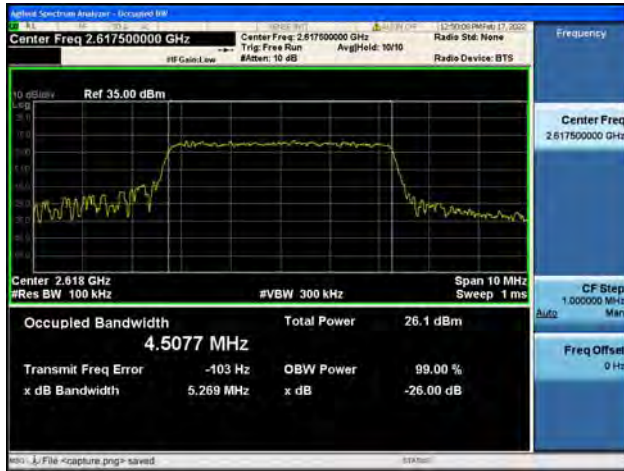


Band38 / 5MHz / Mid CH / 64QAM

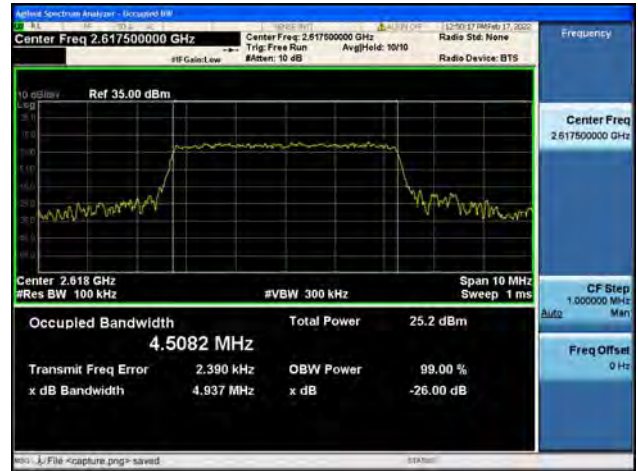




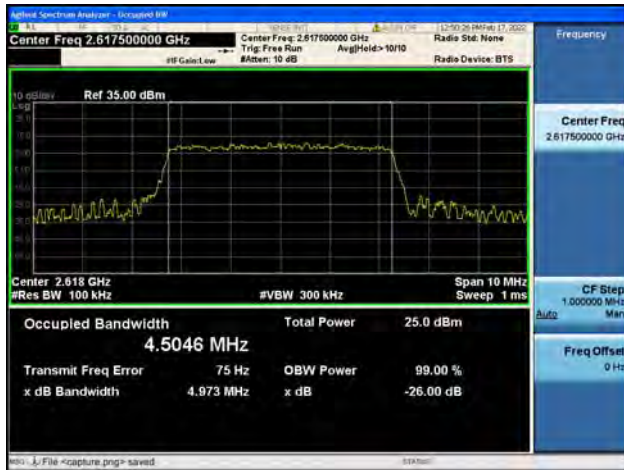
Band38 / 5MHz / High CH / QPSK



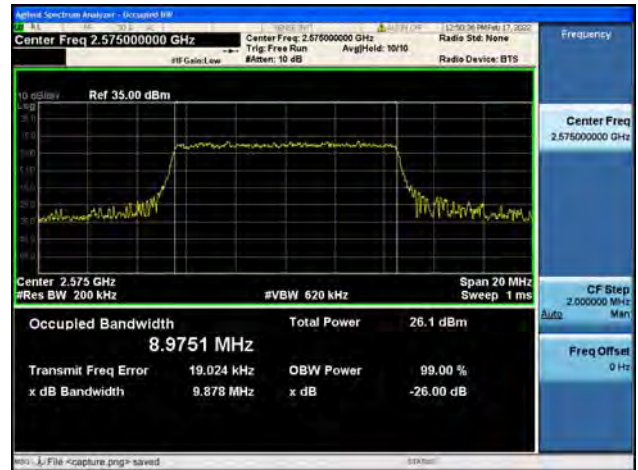
Band38 / 5MHz / High CH / 16QAM



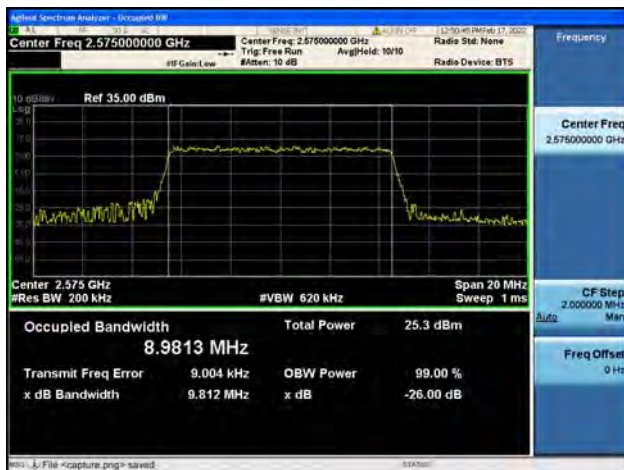
Band38 / 5MHz / High CH / 64QAM



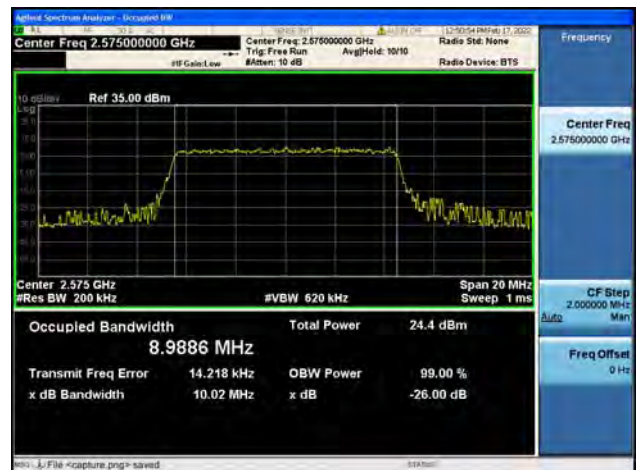
Band38 / 10MHz / Low CH / QPSK



Band38 / 10MHz / Low CH / 16QAM

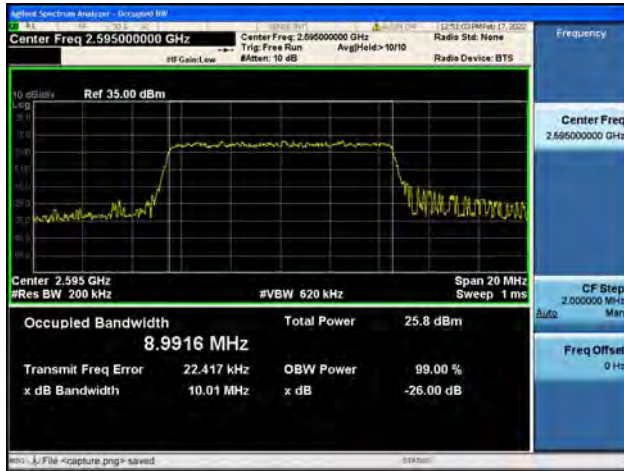


Band38 / 10MHz / Low CH / 64QAM

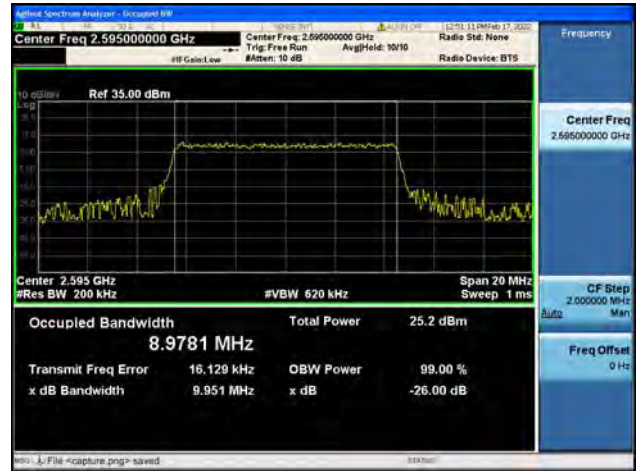




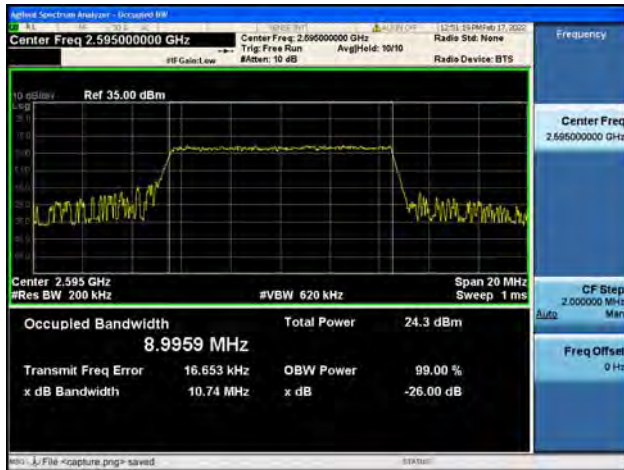
Band38 / 10MHz / Mid CH / QPSK



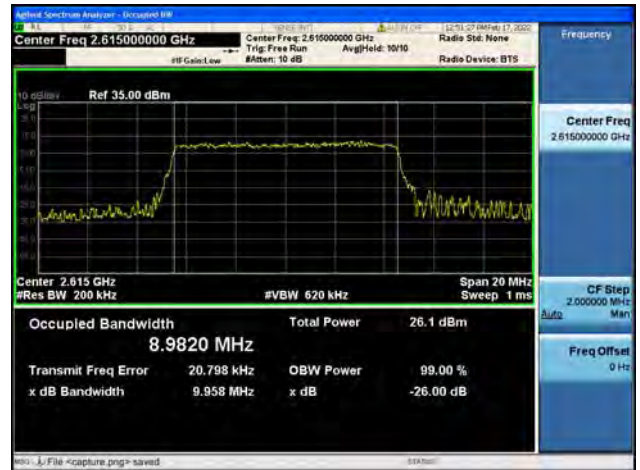
Band38 / 10MHz / Mid CH / 16QAM



Band38 / 10MHz / Mid CH / 64QAM



Band38 / 10MHz / High CH / QPSK



Band38 / 10MHz / High CH / 16QAM

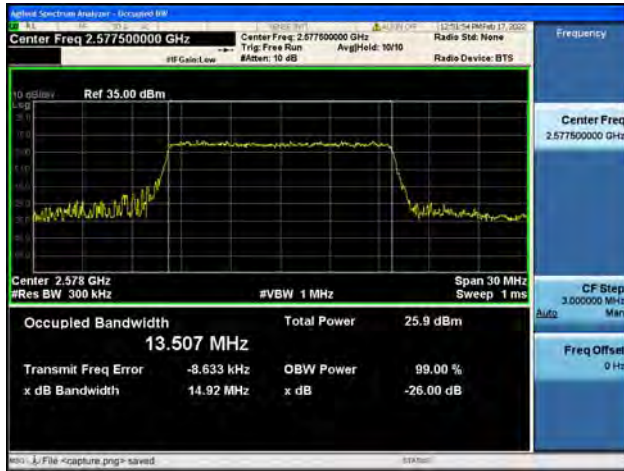


Band38 / 10MHz / High CH / 64QAM

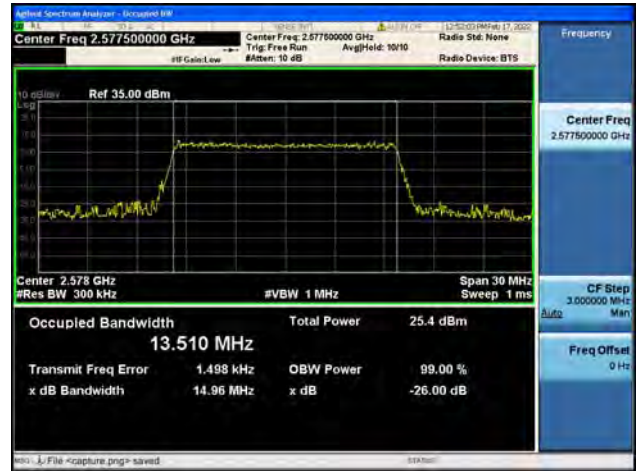




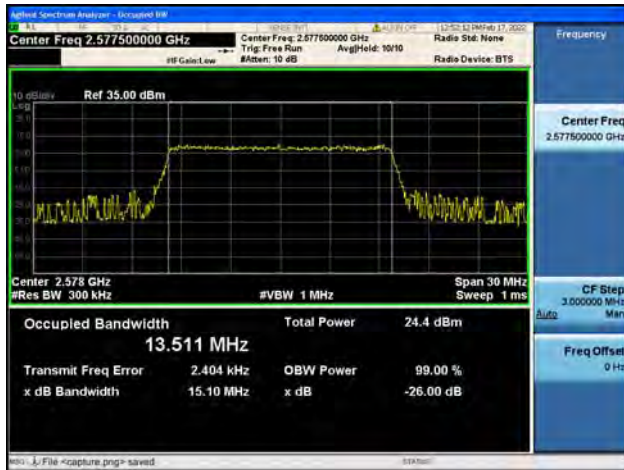
Band38 / 15MHz / Low CH / QPSK



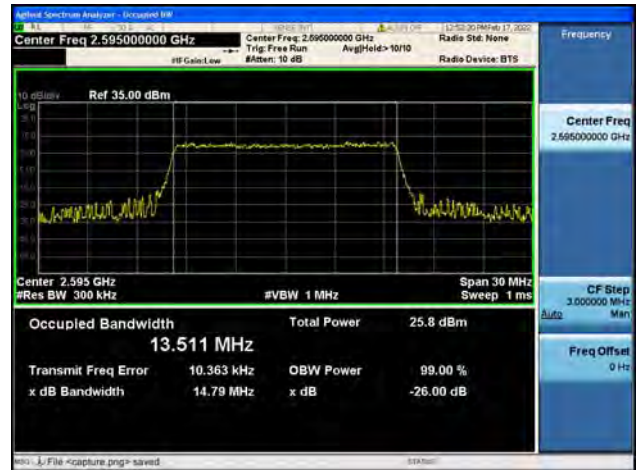
Band38 / 15MHz / Low CH / 16QAM



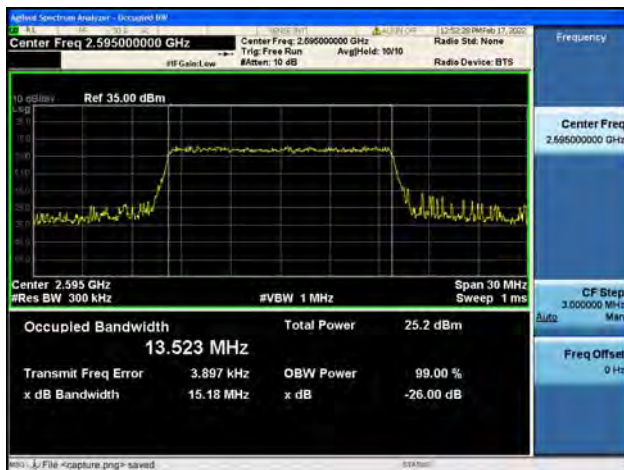
Band38 / 15MHz / Low CH / 64QAM



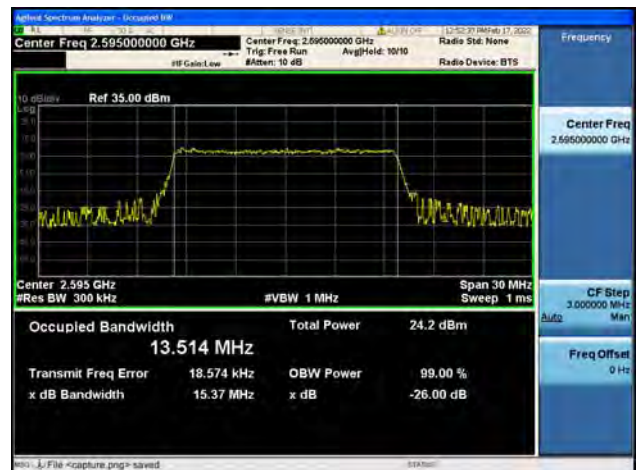
Band38 / 15MHz / Mid CH / QPSK



Band38 / 15MHz / Mid CH / 16QAM

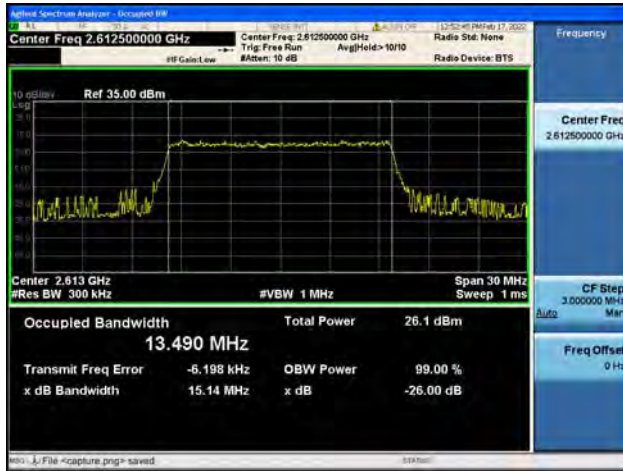


Band38 / 15MHz / Mid CH / 64QAM

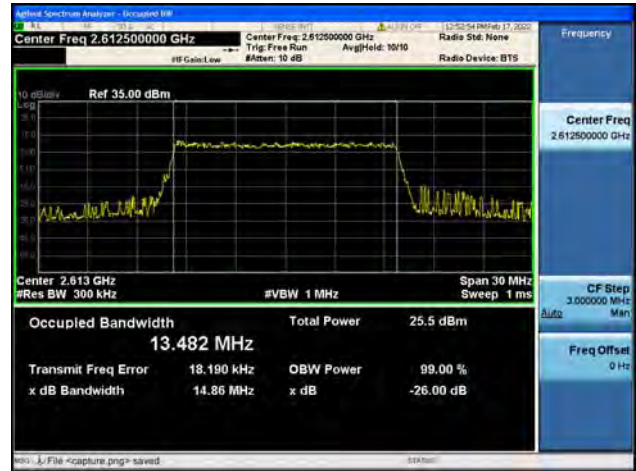




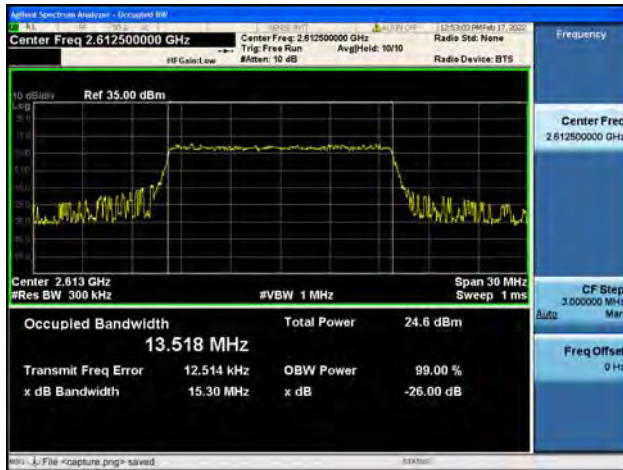
Band38 / 15MHz / High CH / QPSK



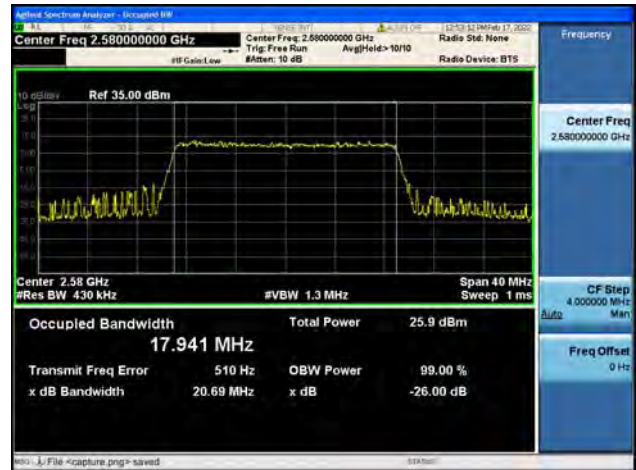
Band38 / 15MHz / High CH / 16QAM



Band38 / 15MHz / High CH / 64QAM



Band38 / 20MHz / Low CH / QPSK



Band38 / 20MHz / Low CH / 16QAM

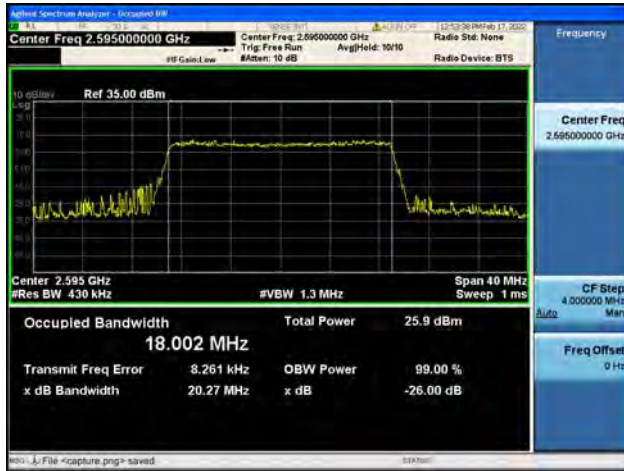


Band38 / 20MHz / Low CH / 64QAM

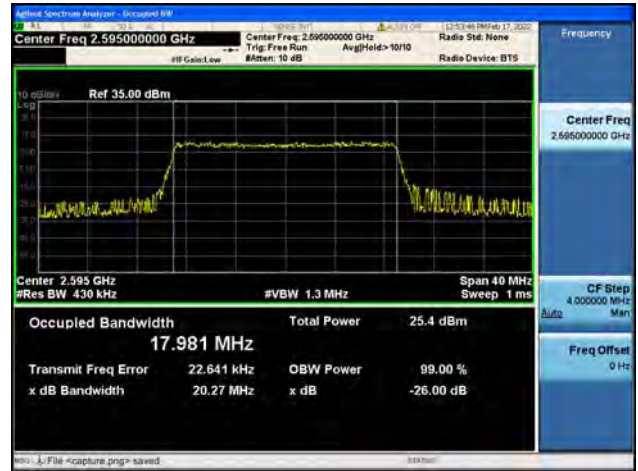




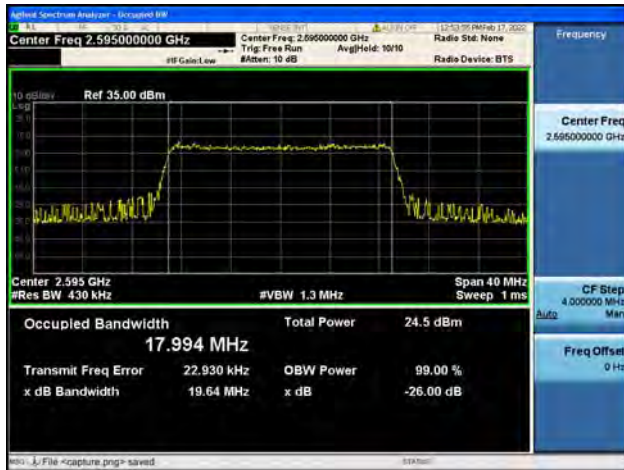
Band38 / 20MHz / Mid CH / QPSK



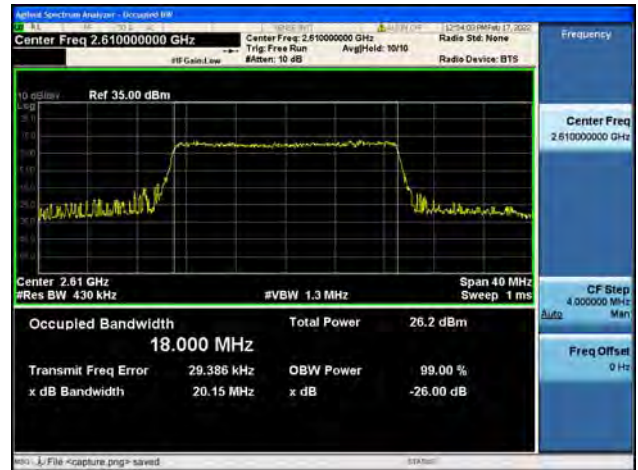
Band38 / 20MHz / Mid CH / 16QAM



Band38 / 20MHz / Mid CH / 64QAM



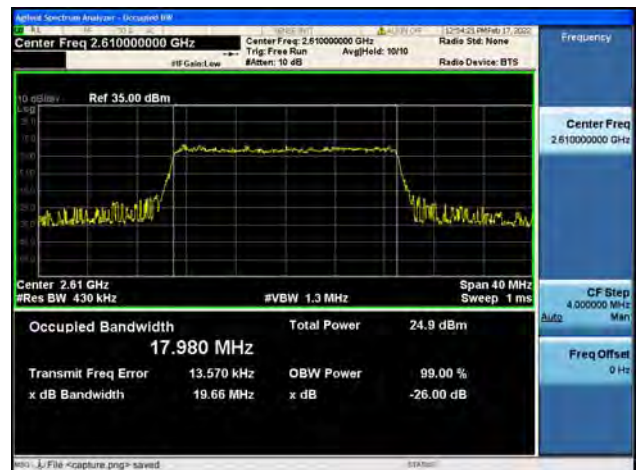
Band38 / 20MHz / High CH / QPSK



Band38 / 20MHz / High CH / 16QAM

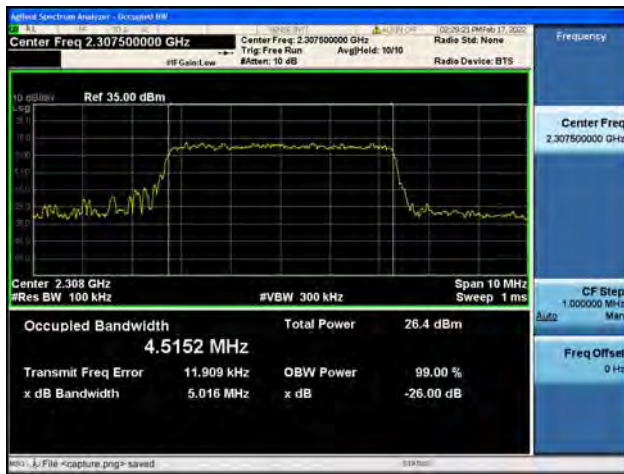


Band38 / 20MHz / High CH / 64QAM





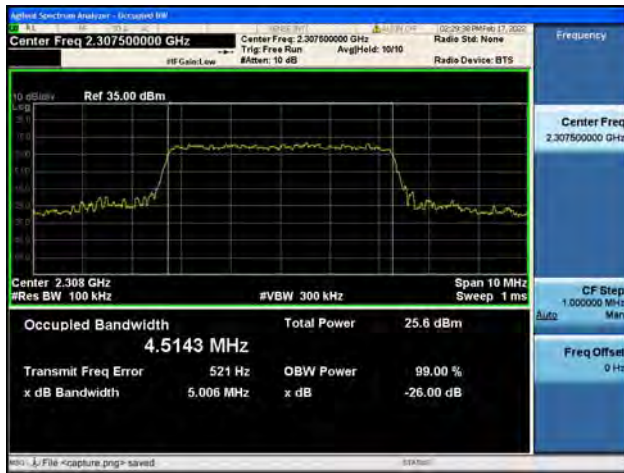
Band40/ Block A / 5MHz / Low CH / QPSK



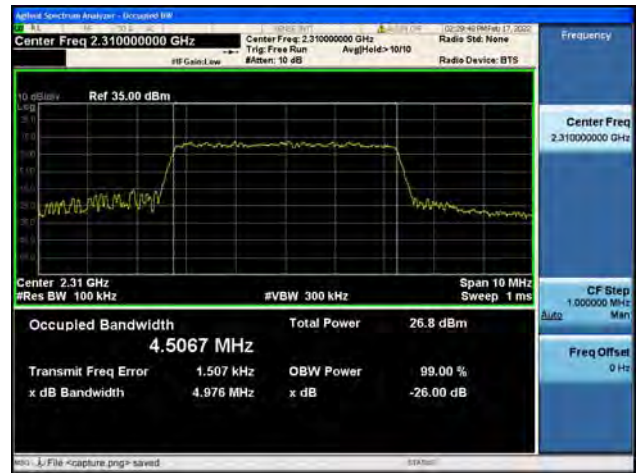
Band40/ Block A / 5MHz / Low CH / 16QAM



Band40/ Block A / 5MHz / Low CH / 64QAM



Band40/ Block A / 5MHz / Mid CH / QPSK



Band40/ Block A / 5MHz / Mid CH / 16QAM

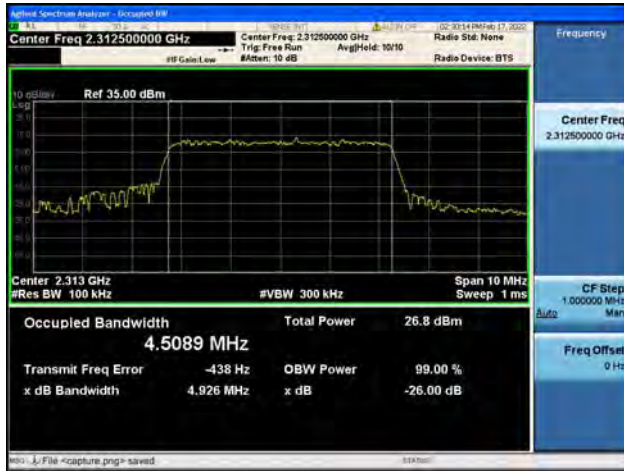


Band40/ Block A / 5MHz / Mid CH / 64QAM

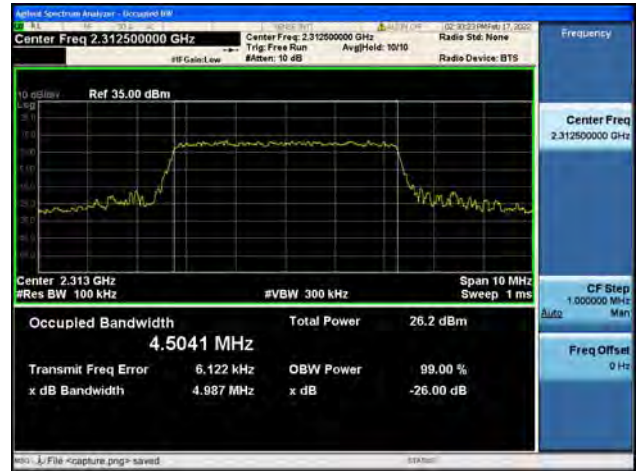




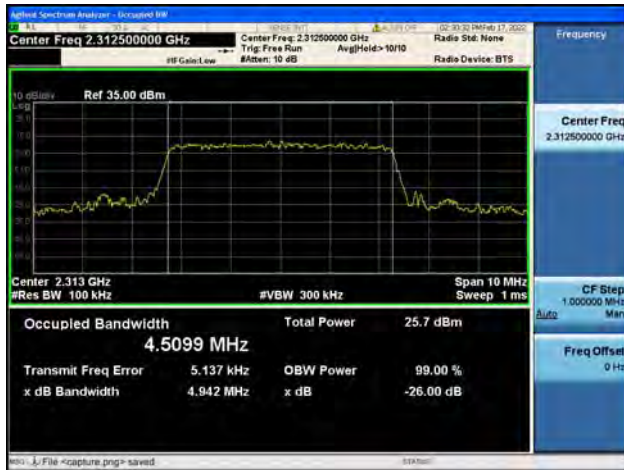
Band40/ Block A / 5MHz / High CH / QPSK



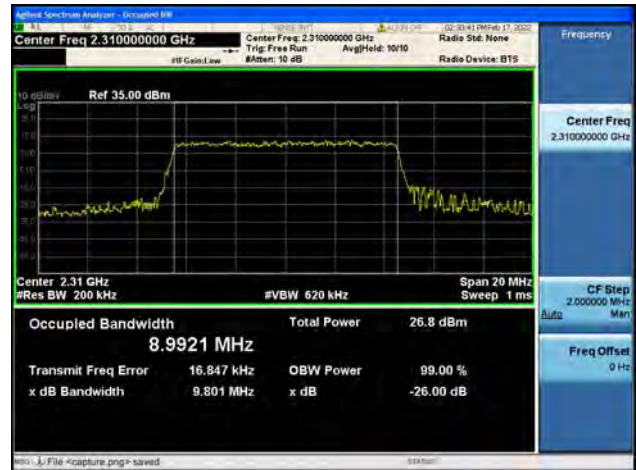
Band40/ Block A / 5MHz / High CH / 16QAM



Band40/ Block A / 5MHz / High CH / 64QAM



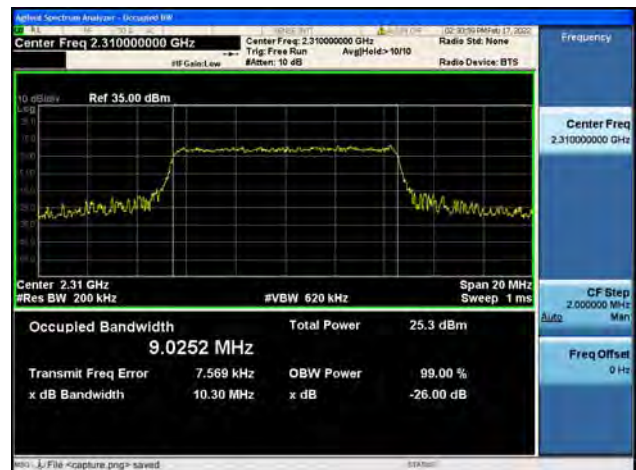
Band40/ Block A / 10MHz / Mid CH / QPSK



Band40/ Block A / 10MHz / Mid CH / 16QAM

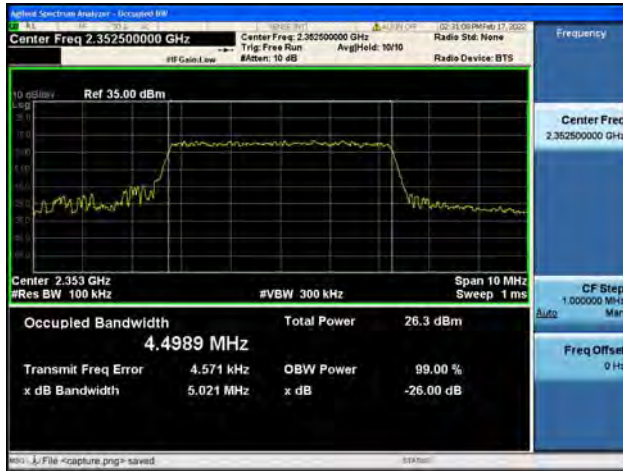


Band40/ Block A / 10MHz / Mid CH / 64QAM

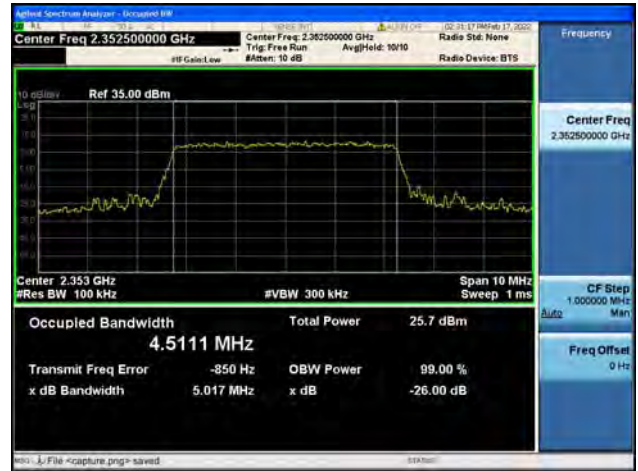




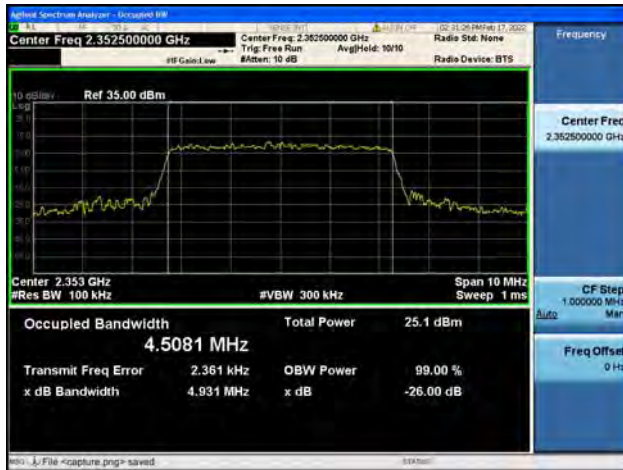
Band40/ Block B / 5MHz / Low CH / QPSK



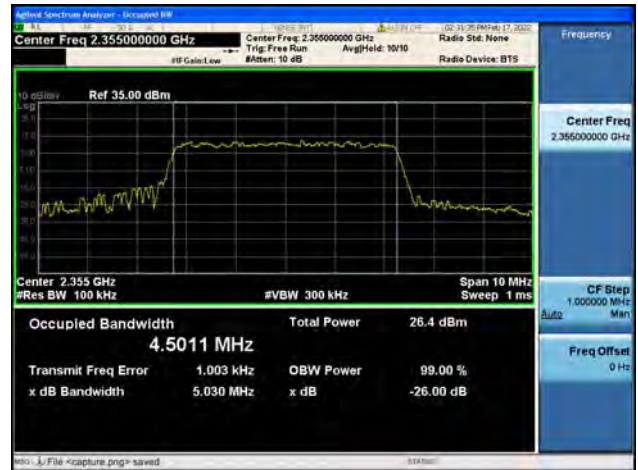
Band40/ Block B / 5MHz / Low CH / 16QAM



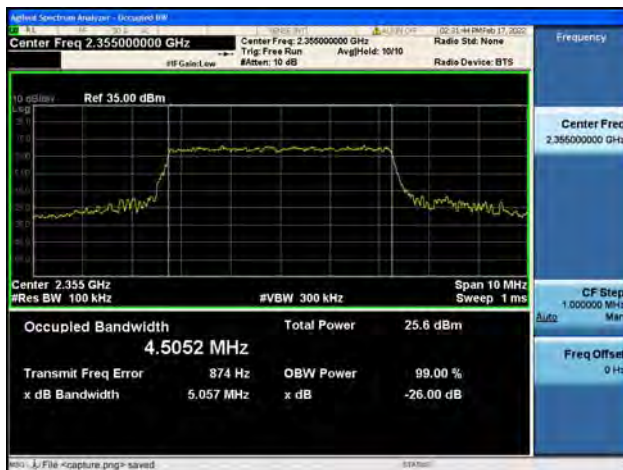
Band40/ Block B / 5MHz / Low CH / 64QAM



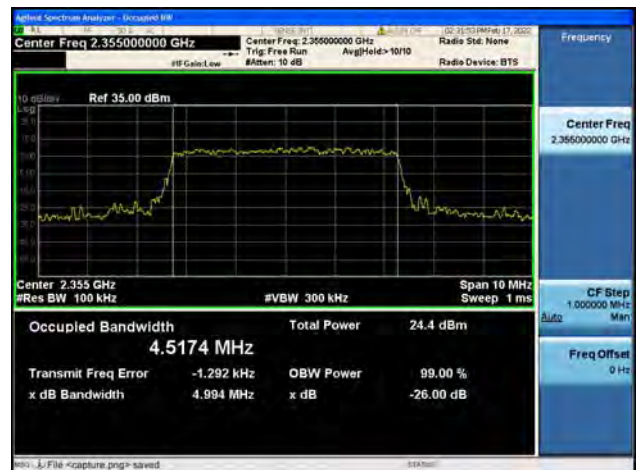
Band40/ Block B / 5MHz / Mid CH / QPSK



Band40/ Block B / 5MHz / Mid CH / 16QAM



Band40/ Block B / 5MHz / Mid CH / 64QAM

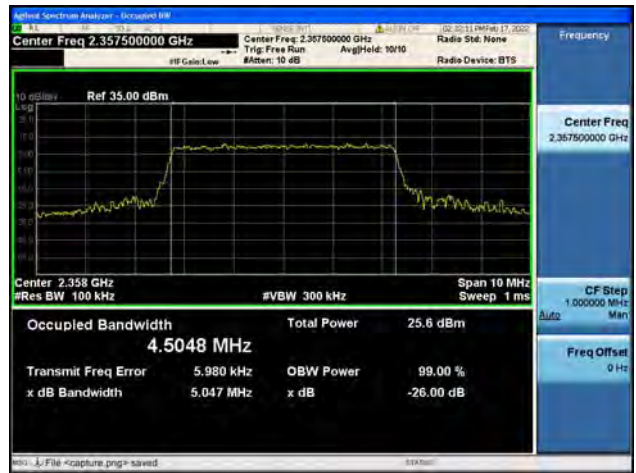




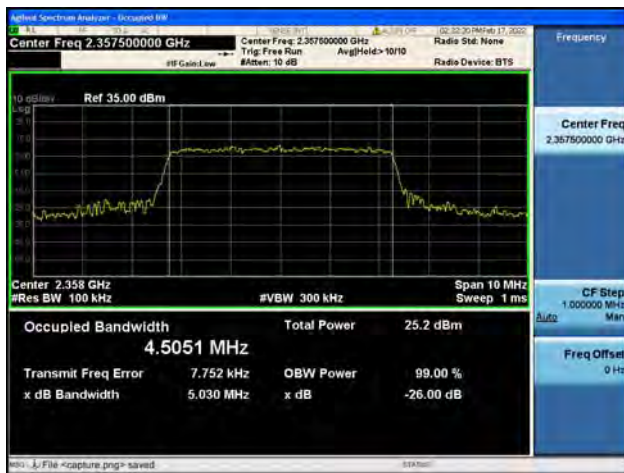
Band40/ Block B / 5MHz / High CH / QPSK



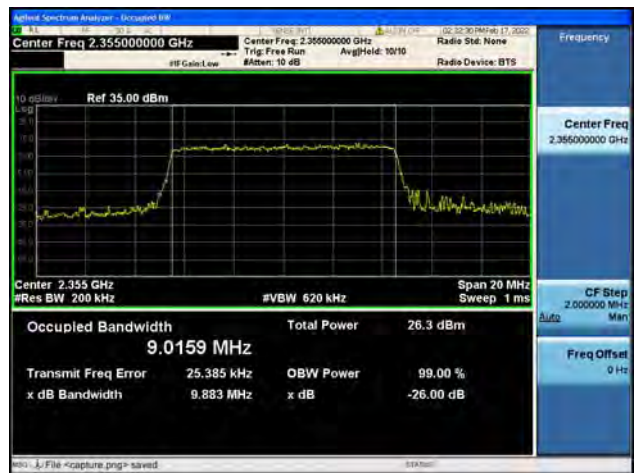
Band40/ Block B / 5MHz / High CH / 16QAM



Band40/ Block B / 5MHz / High CH / 64QAM



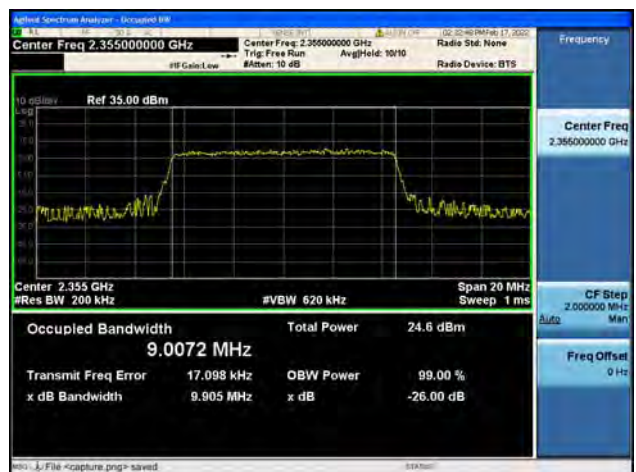
Band40/ Block B / 10MHz / Mid CH / QPSK



Band40/ Block B / 10MHz / Mid CH / 16QAM

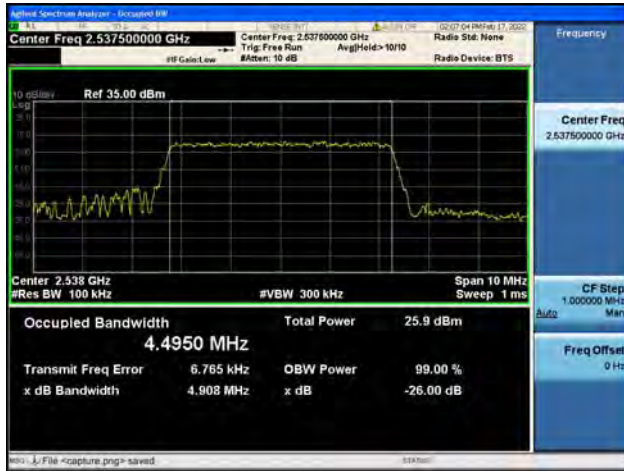


Band40/ Block B / 10MHz / Mid CH / 64QAM

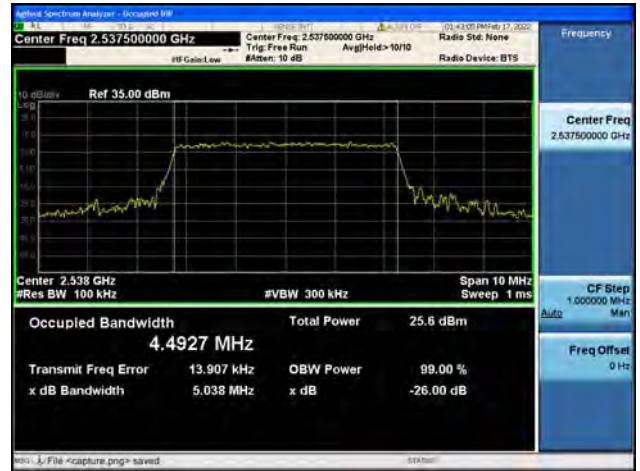




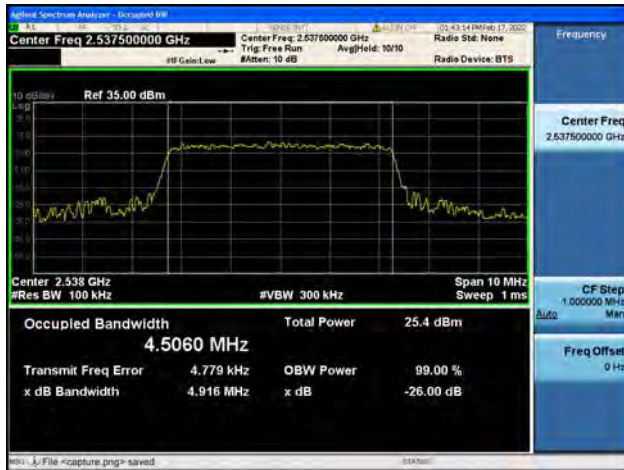
Band41 / 5MHz / Low CH / QPSK



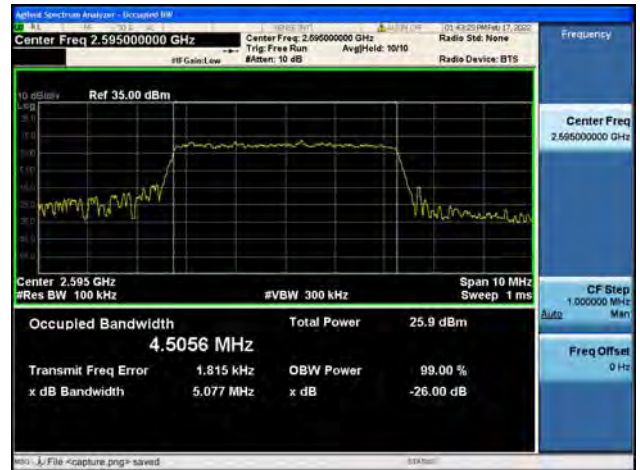
Band41 / 5MHz / Low CH / 16QAM



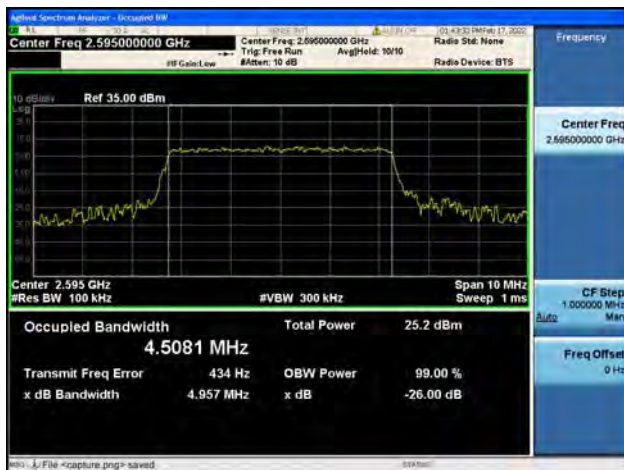
Band41 / 5MHz / Low CH / 64QAM



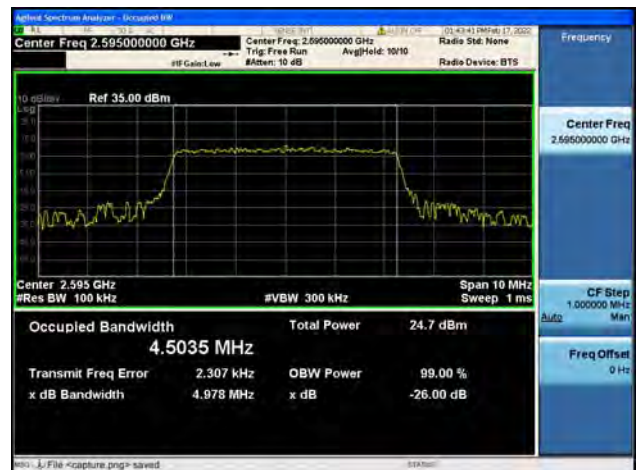
Band41 / 5MHz / Mid CH / QPSK



Band41 / 5MHz / Mid CH / 16QAM

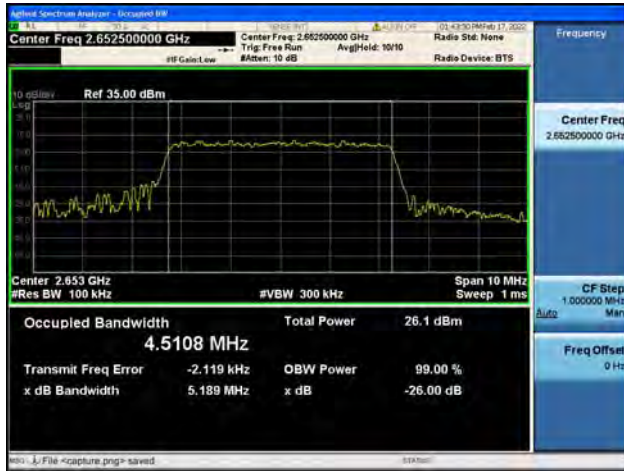


Band41 / 5MHz / Mid CH / 64QAM

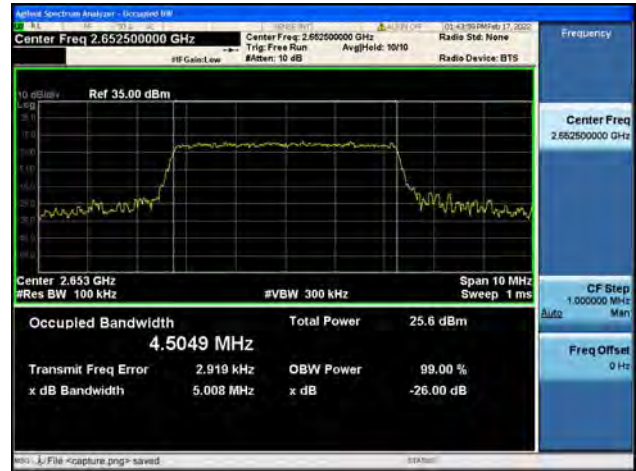




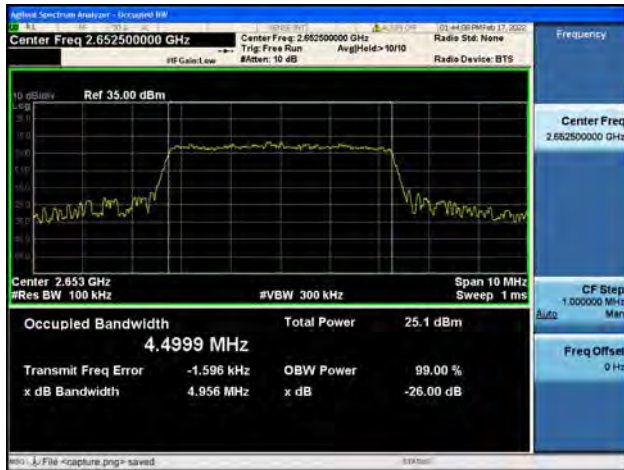
Band41 / 5MHz / High CH / QPSK



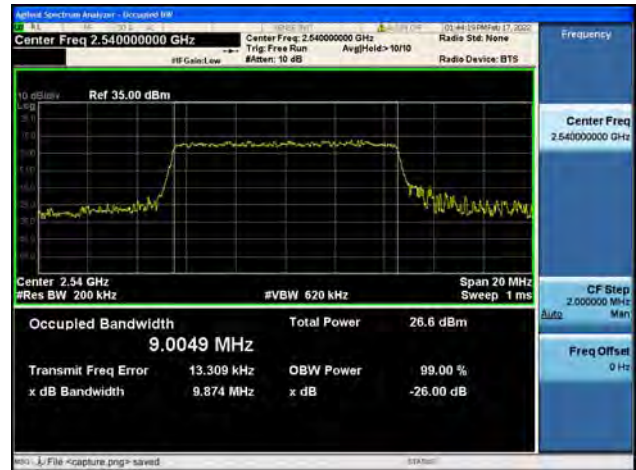
Band41 / 5MHz / High CH / 16QAM



Band41 / 5MHz / High CH / 64QAM



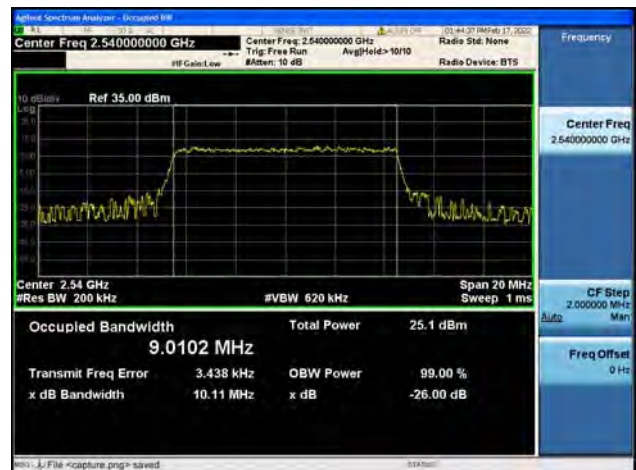
Band41 / 10MHz / Low CH / QPSK



Band41 / 10MHz / Low CH / 16QAM

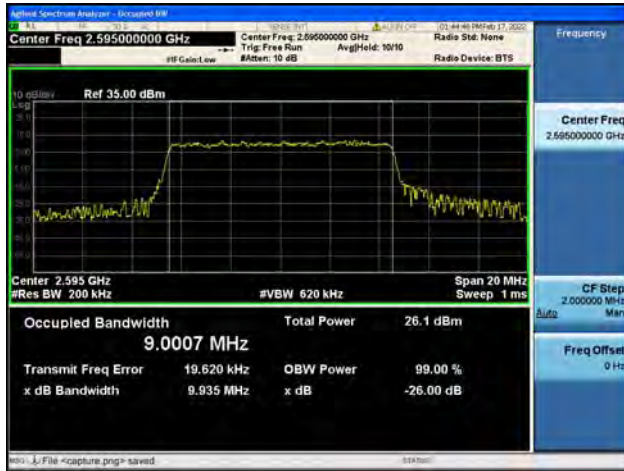


Band41 / 10MHz / Low CH / 64QAM

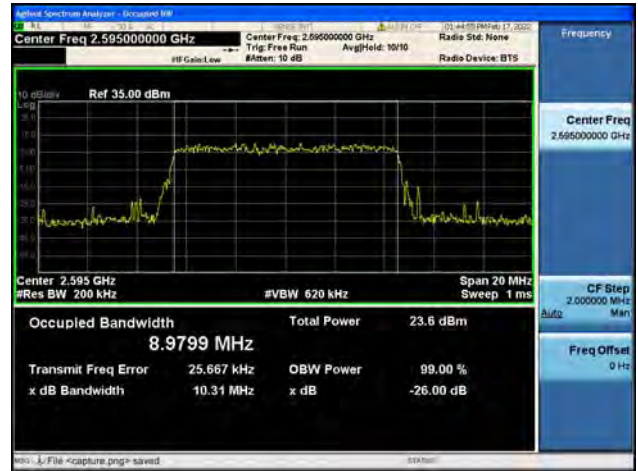




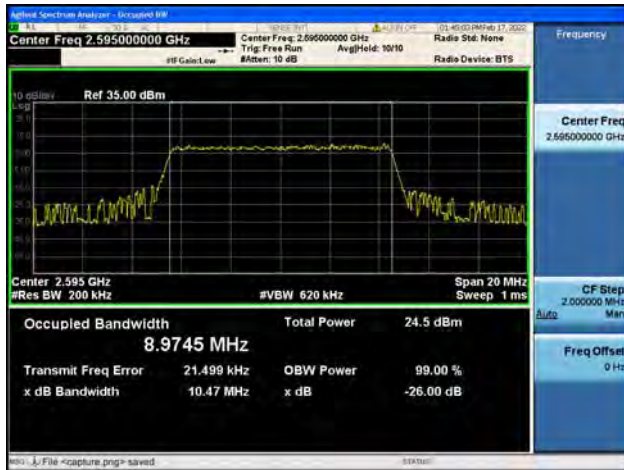
Band41 / 10MHz / Mid CH / QPSK



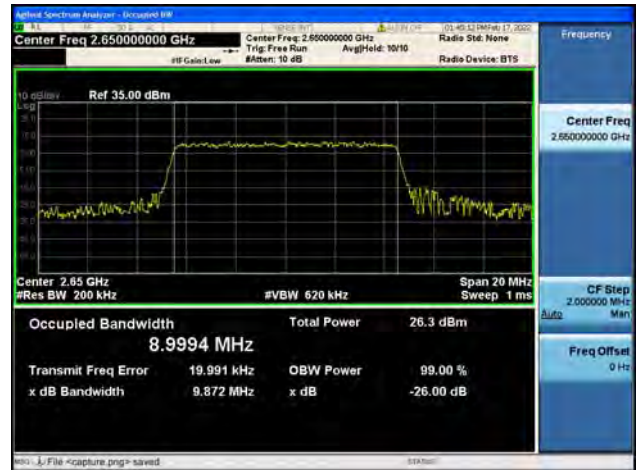
Band41 / 10MHz / Mid CH / 16QAM



Band41 / 10MHz / Mid CH / 64QAM



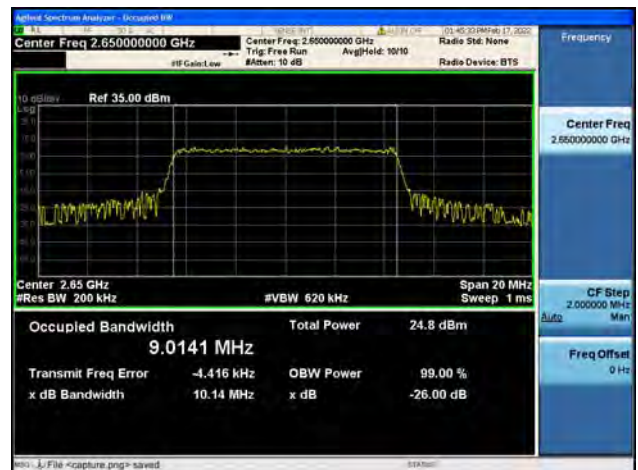
Band41 / 10MHz / High CH / QPSK



Band41 / 10MHz / High CH / 16QAM

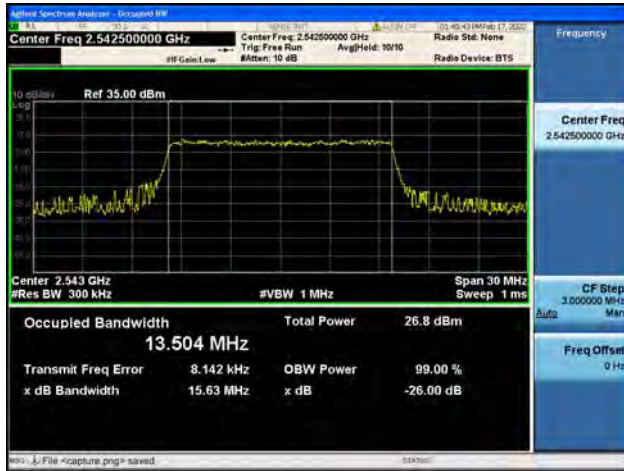


Band41 / 10MHz / High CH / 64QAM

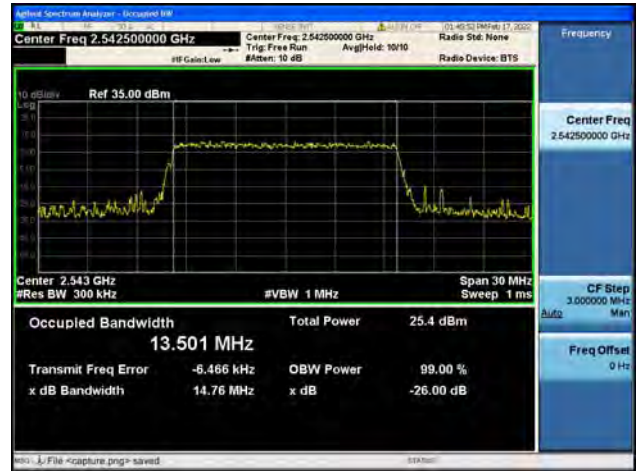




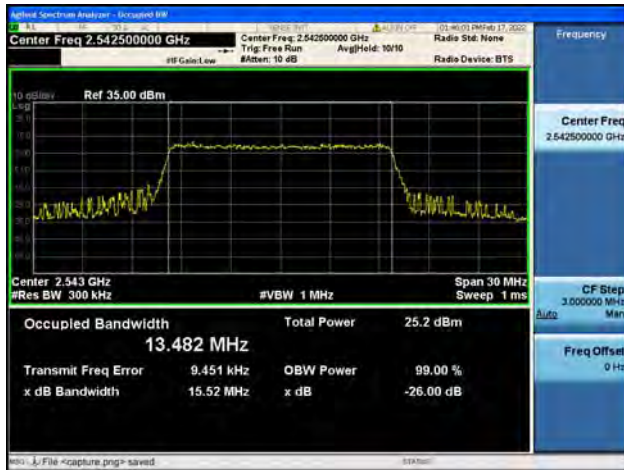
Band41 / 15MHz / Low CH / QPSK



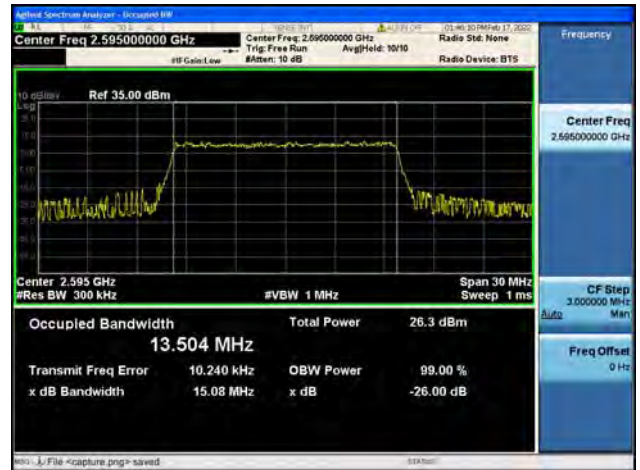
Band41 / 15MHz / Low CH / 16QAM



Band41 / 15MHz / Low CH / 64QAM



Band41 / 15MHz / Mid CH / QPSK



Band41 / 15MHz / Mid CH / 16QAM



Band41 / 15MHz / Mid CH / 64QAM

