



TEST REPORT

APPLICANT : Reliance Communications LLC

PRODUCT NAME : Orbic TAB8 4G

MODEL NAME : RC8L1T

BRAND NAME : Orbic

FCC ID : 2ABGH-RC8L1T

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

RECEIPT DATE : 2022-04-13

TEST DATE : 2022-05-11 to 2022-11-03

ISSUE DATE : 2022-11-17

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Change History		
Version	Date	Reason for change
1.0	2022-11-17	First edition



1. Technical Information

Note: Provide by applicant.

1.1. Applicant and Manufacturer Information

Applicant:	Reliance Communications LLC
Applicant Address:	1560 Fifth Ave BayShore, NY 11706
Manufacturer:	Unimaxcomm
Manufacturer Address:	35F, HBC HuiLong Center Building-II Minzhi Street, Longhua, Shenzhen, P.R. China 518110

1.2. Equipment Under Test (EUT) Description

Product Name:	Orbic TAB8 4G	
Serial No.:	3#	
Hardware Version:	V1.0	
Software Version:	ORB8L1T_v1.0.1_BVT-NA	
Modulation Type:	QPSK, 16QAM, 64QAM	
Carrier Aggregation:	Only support downlink CA_2C, CA_25A-25A, CA_41A-41A, CA_2A-12A, CA_2A-71A, CA_4A-12A, CA_4A-71A, CA_12A-66A, CA_26A-41A, CA_66A-71A, CA_2A-2A, CA_2A-4A, CA_2A-66A, CA_2A-5A, CA_4A-5A, CA_5A-66A, CA_4A-4A, CA_5B, CA_5A-5A, CA_66A-66A, CA_66B, CA_66C, CA_2A-13A, CA_4-13A, CA_13A-66A, CA_25A-26A, CA_41C	
Operation Band:	Band 2 / 4 / 5 / 12 / 13 / 25 / 26 / 41 / 66 / 71	
Frequency Range:	LTE Band 2	Tx: 1850MHz–1910MHz
		Rx: 1930MHz–1990MHz
	LTE Band 4	Tx: 1710MHz–1755MHz
		Rx: 2110MHz–2155MHz
	LTE Band 5	Tx: 824MHz–849MHz
		Rx: 869MHz–894MHz
	LTE Band 12	Tx: 699MHz–716MHz
		Rx: 729MHz–746MHz
	LTE Band 13	Tx: 777MHz–787MHz
		Rx: 746MHz–756MHz



Frequency Range:	LTE Band 25	Tx: 1850MHz–1915MHz
		Rx: 1930MHz–1995MHz
	LTE Band 26	Tx: 824MHz–849MHz
		Rx: 869MHz–894MHz
	LTE Band 41	Tx: 2496MHz–2690MHz
		Tx: 2496MHz–2690MHz
	LTE Band 66	Tx: 1710MHz–1780MHz
		Rx: 2110MHz–2200MHz
	LTE Band 71	Tx: 663MHz–698MHz
		Rx: 617MHz–652MHz
Channel Bandwidth:	LTE Band 2	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
	LTE Band 4	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
	LTE Band 5	1.4MHz, 3MHz, 5MHz, 10MHz
	LTE Band 12	1.4MHz, 3 MHz, 5 MHz, 10MHz
	LTE Band 13	5 MHz, 10MHz
	LTE Band 25	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
	LTE Band 26	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz
	LTE Band 41	5 MHz, 10MHz, 15MHz, 20MHz
	LTE Band 66	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
	LTE Band 71	5MHz, 10MHz, 15MHz, 20MHz
Antenna Type:	Fixed Internal Antenna	
Antenna Gain:	LTE Band 2	2.25dBi
	LTE Band 4	0.35dBi
	LTE Band 5	-1.12dBi
	LTE Band 12	-1.33dBi
	LTE Band 13	-1.33dBi
	LTE Band 25	2.25dBi
	LTE Band 26	0.19dBi
	LTE Band 41	5.14dBi
	LTE Band 66	0.35dBi
	LTE Band 71	-2.25dBi



Accessory Information:	Battery	
	Brand Name:	N/A
	Model No.:	BTE-4301
	Serial No.:	N/A
	Capacity:	4300mAh
	Rated Voltage:	3.80V
	Charge Limit:	4.35V
	Manufacturer:	Guangdong Fenghua New Energy Co.,Ltd.
	AC Adapter	
	Brand Name:	N/A
	Model No.:	TPA-23A050200UU01
	Serial No.:	N/A
	Rated Output:	5V \Rightarrow 2A
	Rated Input:	100-240V \sim 50/60Hz, 0.3A
	Manufacturer:	Shenzhen Tianyin Electronics Co.,Ltd.

Note 1: For a more detailed description, please refer to Specification or User's Manual supplied by the applicant and/or manufacturer.



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

LTE Band 2	Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20	0.388	0.314	0.305	18M0G7D	18M0W7D	18M0W7D
15	0.381	0.321	0.310	13M5G7D	13M5W7D	13M5W7D
10	0.381	0.318	0.313	9M00G7D	8M97W7D	8M97W7D
5	0.379	0.316	0.307	4M51G7D	4M51W7D	4M51W7D
3	0.380	0.320	0.309	2M71G7D	2M70W7D	2M71W7D
1.4	0.385	0.317	0.313	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	0.256	0.208	0.202	18M0G7D	18M0W7D	18M0W7D
15	0.248	0.201	0.196	13M5G7D	13M5W7D	13M5W7D
10	0.251	0.204	0.199	9M00G7D	8M98W7D	9M01W7D
5	0.254	0.205	0.199	4M51G7D	4M51W7D	4M52W7D
3	0.245	0.197	0.195	2M70G7D	2M71W7D	2M71W7D
1.4	0.252	0.203	0.198	1M10G7D	1M10W7D	1M10W7D
LTE Band 5	Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10	0.101	0.085	0.083	9M01G7D	8M96W7D	8M98W7D
5	0.100	0.084	0.082	4M51G7D	4M52W7D	4M51W7D
3	0.101	0.084	0.082	2M70G7D	2M70W7D	2M71W7D
1.4	0.101	0.087	0.081	1M10G7D	1M10W7D	1M10W7D
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	0.103	0.087	0.085	8M99G7D	8M98W7D	8M99W7D
5	0.101	0.085	0.084	4M50G7D	4M51W7D	4M52W7D
3	0.102	0.086	0.084	2M70G7D	2M71W7D	2M70W7D
1.4	0.103	0.086	0.083	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	0.095	0.077	0.061	8M97G7D	8M96W7D	8M97W7D
5	0.095	0.077	0.064	4M50G7D	4M51W7D	4M50W7D



LTE Band 25	Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20	0.313	0.253	0.244	18M0G7D	18M0W7D	18M0W7D
15	0.311	0.254	0.243	13M5G7D	13M5W7D	13M5W7D
10	0.305	0.247	0.240	8M98G7D	8M96W7D	9M00W7D
5	0.308	0.261	0.239	4M51G7D	4M51W7D	4M51W7D
3	0.303	0.248	0.239	2M70G7D	2M70W7D	2M71W7D
1.4	0.307	0.248	0.241	1M10G7D	1M10W7D	1M10W7D
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	0.115	0.092	0.092	13M5G7D	13M5W7D	13M5W7D
10	0.110	0.088	0.088	9M00G7D	8M97W7D	8M99W7D
5	0.110	0.089	0.089	4M51G7D	4M51W7D	4M51W7D
3	0.109	0.088	0.089	2M71G7D	2M71W7D	2M70W7D
1.4	0.112	0.090	0.089	1M10G7D	1M10W7D	1M10W7D
LTE Band 66	Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20	0.207	0.163	0.167	18M0G7D	18M0W7D	18M0W7D
15	0.203	0.158	0.162	13M5G7D	13M5W7D	13M5W7D
10	0.207	0.159	0.167	9M01G7D	8M96W7D	8M99W7D
5	0.205	0.162	0.164	4M50G7D	4M51W7D	4M51W7D
3	0.203	0.160	0.165	2M70G7D	2M70W7D	2M70W7D
1.4	0.205	0.157	0.168	1M10G7D	1M10W7D	1M10W7D
LTE Band 71	Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20	0.063	0.053	0.053	17M9G7D	18M0W7D	18M0W7D
15	0.062	0.051	0.052	13M4G7D	13M5W7D	13M4W7D
10	0.061	0.053	0.052	9M00G7D	8M97W7D	8M98W7D
5	0.062	0.052	0.052	4M51G7D	4M51W7D	4M51W7D



LTE Band 41	Maximum E.R.P./E.I.R.P. (W)					
	Power Class 2			Power Class 3		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20	1.259	0.979	1.019	0.783	0.605	0.594
15	1.233	1.002	1.016	0.918	0.612	0.593
10	1.245	0.986	1.007	0.767	0.612	0.622
5	1.236	1.000	1.016	0.757	0.592	0.585
LTE Band 41	Emission Designator (99%OBW)					
BW(MHz)	QPSK		16QAM		64QAM	
5	4M50G7D		4M52W7D		4M52W7D	
10	9M00G7D		8M98W7D		8M97W7D	
15	13M5G7D		13M5W7D		13M5W7D	
20	18M0G7D		18M0W7D		18M0W7D	



1.4. Test Standards and Results

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

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

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

Section	Description	Test Date	Test Engineer	Result	Method Determination /Remark
2.1046 22.913(a)(2) 24.232(c) 27.50(b)(10) 27.50(c)(10) 27.50(d)(4) 27.50(h)(2)	Transmitter Conducted Output Power and E.R.P./E.I.R.P.	May 11, 2022	Chen Hao Li Huaijie	PASS	No deviation
2.1049	Occupied Bandwidth	May 11, 2022 Nov. 19, 2022	Li Huaijie	PASS	No deviation
2.1055 22.355 24.235 27.54	Frequency Stability	Nov. 03, 2022	Li Huaijie	PASS	No deviation
24.232(d), 27.50(d)(5)	Peak to Average Radio	Nov. 19, 2022	Li Huaijie	PASS	No deviation
2.1051 22.917(a) 24.238(a) 27.53(c)(2) 27.53(g) 27.53(h) 27.53(m)(4) 27.53(l)(2)	Conducted Spurious Emissions	May 17, 2022 Nov. 19, 2022	Li Huaijie	PASS	No deviation
2.1051	Band Edge	May 11&16, 2022	Li Huaijie	PASS	No



22.917(a) 24.238(a) 27.53(c)(2) 27.53(g) 27.53(h) 27.53(m)(4) 27.53(l)(2)		Nov. 19, 2022			deviation
2.1053 22.917(a) 24.238(a) 27.53(c)(2) 27.53(g) 27.53(h) 27.53(m)(4) 27.53(l)(2)	Radiated Spurious Emissions	Jul. 26&27, 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 F&H&L&M&N Requirements

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

2.1.1. Requirement

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

According to FCC section 24.232 (c) for LTE Band 2/25, 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.

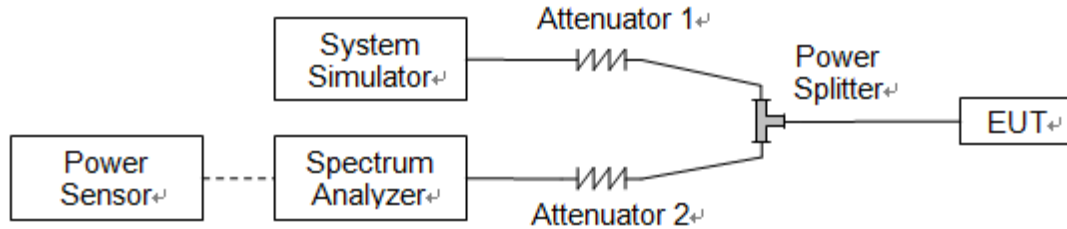
According to FCC section22.913 (a)(2) for LTE Band 5/26, the E.R.P. of mobile transmitters and auxiliary test transmitters must not exceed 7 watts.

According to FCC section 27.50 (h)(2) for LTE Band 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 (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 (c)(10) for LTE Band 12/71, Portable stations (hand-held devices) operating in the 704-716MHz band are limited to 3watts E.R.P.

2.1.2. Test Description



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

2.1.3. Test Procedure

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

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

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



2.1.4. Result

Conducted Output Power

LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18700	18900	19100
Frequency (MHz)				1860	1880	1900
20	QPSK	1	0	23.61	23.64	23.56
20	QPSK	1	49	23.53	23.55	23.47
20	QPSK	1	99	23.20	23.23	23.25
20	QPSK	50	0	22.63	22.78	22.61
20	QPSK	50	24	22.72	22.77	22.75
20	QPSK	50	50	22.56	22.60	22.58
20	QPSK	100	0	22.47	22.49	22.42
20	16QAM	1	0	22.68	22.72	22.65
20	16QAM	1	49	22.60	22.63	22.57
20	16QAM	1	99	22.47	22.50	22.41
20	16QAM	50	0	22.46	22.52	22.49
20	16QAM	50	24	22.45	22.48	22.44
20	16QAM	50	50	22.44	22.52	22.43
20	16QAM	100	0	22.42	22.44	22.40
20	64QAM	1	0	22.55	22.60	22.51
20	64QAM	1	49	22.48	22.52	22.41
20	64QAM	1	99	22.49	22.51	22.44
20	64QAM	50	0	22.39	22.44	22.31
20	64QAM	50	24	22.34	22.41	22.30
20	64QAM	50	50	22.14	22.24	22.11
20	64QAM	100	0	22.12	22.20	22.10



LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18675	18900	19125
Frequency (MHz)				1857.5	1880	1902.5
15	QPSK	1	0	23.50	23.56	23.41
15	QPSK	1	37	23.44	23.40	23.45
15	QPSK	1	74	23.14	23.16	23.21
15	QPSK	36	0	22.53	22.57	22.46
15	QPSK	36	20	22.58	22.73	22.68
15	QPSK	36	39	22.55	22.47	22.50
15	QPSK	75	0	22.48	22.51	22.51
15	16QAM	1	0	22.73	22.82	22.75
15	16QAM	1	37	22.63	22.72	22.62
15	16QAM	1	74	22.55	22.56	22.55
15	16QAM	36	0	22.59	22.63	22.55
15	16QAM	36	20	22.49	22.52	22.54
15	16QAM	36	39	22.47	22.58	22.44
15	16QAM	75	0	22.56	22.58	22.42
15	64QAM	1	0	22.66	22.60	22.63
15	64QAM	1	37	22.61	22.61	22.50
15	64QAM	1	74	22.40	22.40	22.37
15	64QAM	36	0	22.28	22.29	22.18
15	64QAM	36	20	22.23	22.31	22.20
15	64QAM	36	39	22.11	22.23	22.04
15	64QAM	75	0	21.97	22.06	22.03



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	23.56	23.52	23.54
10	QPSK	1	25	23.43	23.46	23.46
10	QPSK	1	49	23.11	23.16	23.14
10	QPSK	25	0	22.61	22.58	22.54
10	QPSK	25	12	22.65	22.68	22.74
10	QPSK	25	25	22.49	22.50	22.46
10	QPSK	50	0	22.50	22.52	22.42
10	16QAM	1	0	22.74	22.77	22.68
10	16QAM	1	25	22.66	22.67	22.61
10	16QAM	1	49	22.48	22.53	22.42
10	16QAM	25	0	22.60	22.65	22.49
10	16QAM	25	12	22.53	22.60	22.45
10	16QAM	25	25	22.56	22.55	22.47
10	16QAM	50	0	22.56	22.53	22.41
10	64QAM	1	0	22.57	22.70	22.65
10	64QAM	1	25	22.50	22.55	22.47
10	64QAM	1	49	22.43	22.37	22.38
10	64QAM	25	0	22.36	22.32	22.26
10	64QAM	25	12	22.22	22.26	22.27
10	64QAM	25	25	22.05	22.20	22.03
10	64QAM	50	0	21.98	22.19	22.04



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	23.50	23.54	23.45
5	QPSK	1	12	23.48	23.45	23.42
5	QPSK	1	24	23.16	23.17	23.18
5	QPSK	12	0	22.54	22.53	22.48
5	QPSK	12	7	22.63	22.63	22.61
5	QPSK	12	13	22.45	22.59	22.55
5	QPSK	25	0	22.51	22.49	22.44
5	16QAM	1	0	22.74	22.74	22.73
5	16QAM	1	12	22.73	22.75	22.61
5	16QAM	1	24	22.50	22.57	22.48
5	16QAM	12	0	22.48	22.57	22.61
5	16QAM	12	7	22.48	22.58	22.54
5	16QAM	12	13	22.55	22.54	22.56
5	16QAM	25	0	22.52	22.55	22.54
5	64QAM	1	0	22.60	22.61	22.55
5	64QAM	1	12	22.57	22.62	22.44
5	64QAM	1	24	22.48	22.39	22.38
5	64QAM	12	0	22.36	22.40	22.22
5	64QAM	12	7	22.27	22.33	22.15
5	64QAM	12	13	22.05	22.16	21.97
5	64QAM	25	0	22.11	22.09	22.06



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				18615	18900	19185
Frequency (MHz)				1851.5	1880	1908.5
3	QPSK	1	0	23.51	23.55	23.46
3	QPSK	1	8	23.47	23.50	23.36
3	QPSK	1	14	23.16	23.14	23.16
3	QPSK	8	0	22.59	22.52	22.49
3	QPSK	8	4	22.66	22.71	22.67
3	QPSK	8	7	22.48	22.56	22.46
3	QPSK	15	0	22.50	22.60	22.49
3	16QAM	1	0	22.75	22.80	22.66
3	16QAM	1	8	22.67	22.67	22.67
3	16QAM	1	14	22.57	22.64	22.41
3	16QAM	8	0	22.48	22.60	22.59
3	16QAM	8	4	22.56	22.48	22.45
3	16QAM	8	7	22.49	22.55	22.46
3	16QAM	15	0	22.52	22.53	22.44
3	64QAM	1	0	22.60	22.65	22.61
3	64QAM	1	8	22.52	22.54	22.42
3	64QAM	1	14	22.47	22.40	22.37
3	64QAM	8	0	22.28	22.36	22.20
3	64QAM	8	4	22.23	22.27	22.21
3	64QAM	8	7	22.06	22.09	22.03
3	64QAM	15	0	21.97	22.10	21.97



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	23.60	23.58	23.55
1.4	QPSK	1	3	23.38	23.47	23.44
1.4	QPSK	1	5	23.16	23.22	23.24
1.4	QPSK	3	0	23.48	23.50	23.52
1.4	QPSK	3	1	23.45	23.44	23.39
1.4	QPSK	3	3	23.10	23.18	23.18
1.4	QPSK	6	0	22.50	22.59	22.55
1.4	16QAM	1	0	22.69	22.76	22.71
1.4	16QAM	1	3	22.65	22.75	22.70
1.4	16QAM	1	5	22.51	22.53	22.55
1.4	16QAM	3	0	22.70	22.74	22.68
1.4	16QAM	3	1	22.63	22.73	22.59
1.4	16QAM	3	3	22.49	22.61	22.47
1.4	16QAM	6	0	22.55	22.45	22.49
1.4	64QAM	1	0	22.64	22.63	22.56
1.4	64QAM	1	3	22.53	22.60	22.50
1.4	64QAM	1	5	22.40	22.38	22.29
1.4	64QAM	3	0	22.56	22.70	22.61
1.4	64QAM	3	1	22.60	22.64	22.50
1.4	64QAM	3	3	22.47	22.36	22.39
1.4	64QAM	6	0	22.02	22.09	22.02



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20050	20175	20300
Frequency (MHz)				1720	1732.5	1745
20	QPSK	1	0	23.66	23.74	23.58
20	QPSK	1	49	23.58	23.64	23.47
20	QPSK	1	99	23.39	23.49	23.41
20	QPSK	50	0	22.58	22.60	22.51
20	QPSK	50	24	22.47	22.51	22.44
20	QPSK	50	50	22.35	22.44	22.36
20	QPSK	100	0	22.40	22.45	22.39
20	16QAM	1	0	22.77	22.84	22.71
20	16QAM	1	49	22.65	22.59	22.61
20	16QAM	1	99	22.60	22.68	22.57
20	16QAM	50	0	22.58	22.67	22.55
20	16QAM	50	24	22.50	22.60	22.49
20	16QAM	50	50	22.42	22.49	22.37
20	16QAM	100	0	22.43	22.53	22.45
20	64QAM	1	0	22.69	22.71	22.70
20	64QAM	1	49	22.51	22.62	22.59
20	64QAM	1	99	22.55	22.54	22.56
20	64QAM	50	0	22.60	22.67	22.59
20	64QAM	50	24	22.51	22.59	22.55
20	64QAM	50	50	22.46	22.42	22.38
20	64QAM	100	0	22.39	22.45	22.40



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20025	20175	20325
Frequency (MHz)				1717.5	1732.5	1747.5
15	QPSK	1	0	23.52	23.60	23.45
15	QPSK	1	37	23.43	23.49	23.34
15	QPSK	1	74	23.24	23.34	23.28
15	QPSK	36	0	22.43	22.45	22.38
15	QPSK	36	20	22.32	22.36	22.31
15	QPSK	36	39	22.20	22.29	22.23
15	QPSK	75	0	22.25	22.30	22.26
15	16QAM	1	0	22.62	22.69	22.58
15	16QAM	1	37	22.50	22.44	22.48
15	16QAM	1	74	22.45	22.53	22.44
15	16QAM	36	0	22.48	22.57	22.47
15	16QAM	36	20	22.40	22.50	22.41
15	16QAM	36	39	22.32	22.39	22.29
15	16QAM	75	0	22.33	22.43	22.37
15	64QAM	1	0	22.54	22.56	22.57
15	64QAM	1	37	22.36	22.47	22.46
15	64QAM	1	74	22.40	22.39	22.43
15	64QAM	36	0	22.45	22.52	22.46
15	64QAM	36	20	22.36	22.44	22.42
15	64QAM	36	39	22.31	22.27	22.25
15	64QAM	75	0	22.24	22.30	22.27



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20000	20175	20350
Frequency (MHz)				1715	1732.5	1750
10	QPSK	1	0	23.58	23.65	23.51
10	QPSK	1	25	23.49	23.54	23.40
10	QPSK	1	49	23.30	23.40	23.34
10	QPSK	25	0	22.52	22.54	22.47
10	QPSK	25	12	22.41	22.45	22.40
10	QPSK	25	25	22.29	22.38	22.32
10	QPSK	50	0	22.34	22.39	22.35
10	16QAM	1	0	22.68	22.75	22.64
10	16QAM	1	25	22.56	22.50	22.54
10	16QAM	1	49	22.51	22.59	22.50
10	16QAM	25	0	22.49	22.58	22.48
10	16QAM	25	12	22.41	22.51	22.42
10	16QAM	25	25	22.33	22.40	22.30
10	16QAM	50	0	22.34	22.44	22.38
10	64QAM	1	0	22.60	22.62	22.63
10	64QAM	1	25	22.42	22.53	22.52
10	64QAM	1	49	22.46	22.45	22.49
10	64QAM	25	0	22.54	22.61	22.55
10	64QAM	25	12	22.45	22.53	22.51
10	64QAM	25	25	22.40	22.36	22.34
10	64QAM	50	0	22.33	22.39	22.36



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				19975	20175	20375
Frequency (MHz)				1712.5	1732.5	1752.5
5	QPSK	1	0	23.60	23.69	23.53
5	QPSK	1	12	23.53	23.57	23.50
5	QPSK	1	24	23.33	23.44	23.36
5	QPSK	12	0	22.55	22.58	22.49
5	QPSK	12	7	22.44	22.49	22.42
5	QPSK	12	13	22.32	22.42	22.34
5	QPSK	25	0	22.37	22.43	22.37
5	16QAM	1	0	22.68	22.76	22.63
5	16QAM	1	12	22.56	22.51	22.53
5	16QAM	1	24	22.51	22.60	22.49
5	16QAM	12	0	22.52	22.62	22.50
5	16QAM	12	7	22.44	22.55	22.44
5	16QAM	12	13	22.36	22.44	22.32
5	16QAM	25	0	22.37	22.48	22.40
5	64QAM	1	0	22.60	22.63	22.62
5	64QAM	1	12	22.42	22.54	22.51
5	64QAM	1	24	22.46	22.46	22.48
5	64QAM	12	0	22.52	22.62	22.57
5	64QAM	12	7	22.42	22.54	22.53
5	64QAM	12	13	22.41	22.39	22.36
5	64QAM	25	0	22.33	22.40	22.38



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				19965	20175	20385
Frequency (MHz)				1711.5	1732.5	1753.5
3	QPSK	1	0	23.47	23.55	23.44
3	QPSK	1	8	23.38	23.46	23.33
3	QPSK	1	14	23.20	23.30	23.27
3	QPSK	8	0	22.49	22.51	22.47
3	QPSK	8	4	22.38	22.42	22.40
3	QPSK	8	7	22.26	22.35	22.32
3	QPSK	15	0	22.31	22.36	22.35
3	16QAM	1	0	22.53	22.60	22.52
3	16QAM	1	8	22.41	22.35	22.42
3	16QAM	1	14	22.36	22.44	22.38
3	16QAM	8	0	22.43	22.52	22.45
3	16QAM	8	4	22.35	22.45	22.39
3	16QAM	8	7	22.27	22.34	22.27
3	16QAM	15	0	22.28	22.38	22.35
3	64QAM	1	0	22.53	22.52	22.56
3	64QAM	1	8	22.32	22.44	22.45
3	64QAM	1	14	22.36	22.35	22.42
3	64QAM	8	0	22.47	22.53	22.50
3	64QAM	8	4	22.37	22.45	22.46
3	64QAM	8	7	22.32	22.28	22.29
3	64QAM	15	0	22.25	22.31	22.31



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				19957	20175	20393
Frequency (MHz)				1710.7	1732.5	1754.3
1.4	QPSK	1	0	23.58	23.66	23.53
1.4	QPSK	1	3	23.52	23.55	23.44
1.4	QPSK	1	5	23.31	23.41	23.36
1.4	QPSK	3	0	23.50	23.52	23.46
1.4	QPSK	3	1	23.39	23.43	23.39
1.4	QPSK	3	3	23.27	23.36	23.31
1.4	QPSK	6	0	22.46	22.51	22.48
1.4	16QAM	1	0	22.66	22.73	22.63
1.4	16QAM	1	3	22.54	22.48	22.53
1.4	16QAM	1	5	22.49	22.57	22.49
1.4	16QAM	3	0	22.47	22.56	22.47
1.4	16QAM	3	1	22.39	22.49	22.41
1.4	16QAM	3	3	22.31	22.38	22.29
1.4	16QAM	6	0	22.41	22.52	22.46
1.4	64QAM	1	0	22.58	22.60	22.62
1.4	64QAM	1	3	22.40	22.51	22.51
1.4	64QAM	1	5	22.44	22.43	22.48
1.4	64QAM	3	0	22.49	22.56	22.51
1.4	64QAM	3	1	22.40	22.48	22.47
1.4	64QAM	3	3	22.35	22.31	22.30
1.4	64QAM	6	0	22.45	22.53	22.49



LTE Band 5						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20450	20525	20600
Frequency (MHz)				829	836.5	844
10	QPSK	1	0	23.28	23.33	23.29
10	QPSK	1	25	23.20	23.24	23.22
10	QPSK	1	49	23.08	23.12	23.15
10	QPSK	25	0	22.10	22.49	22.18
10	QPSK	25	12	22.05	22.11	22.13
10	QPSK	25	25	22.33	22.36	22.39
10	QPSK	50	0	22.24	22.30	22.29
10	16QAM	1	0	22.39	22.48	22.46
10	16QAM	1	25	22.33	22.39	22.31
10	16QAM	1	49	22.28	22.35	22.36
10	16QAM	25	0	22.49	22.57	22.53
10	16QAM	25	12	22.43	22.52	22.45
10	16QAM	25	25	22.34	22.41	22.40
10	16QAM	50	0	22.42	22.47	22.49
10	64QAM	1	0	22.35	22.46	22.38
10	64QAM	1	25	22.27	22.36	22.25
10	64QAM	1	49	22.26	22.28	22.33
10	64QAM	25	0	22.39	22.46	22.42
10	64QAM	25	12	22.29	22.37	22.32
10	64QAM	25	25	22.37	22.33	22.38
10	64QAM	50	0	22.36	22.40	22.37



LTE Band 5						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20425	20525	20625
Frequency (MHz)				826.5	836.5	846.5
5	QPSK	1	0	23.22	23.28	23.19
5	QPSK	1	12	23.11	23.18	23.09
5	QPSK	1	24	22.98	23.10	23.01
5	QPSK	12	0	21.98	22.07	22.16
5	QPSK	12	7	21.91	22.01	22.05
5	QPSK	12	13	21.97	21.98	21.99
5	QPSK	25	0	21.85	21.82	21.80
5	16QAM	1	0	22.27	22.39	22.38
5	16QAM	1	12	22.23	22.33	22.22
5	16QAM	1	24	22.26	22.26	22.25
5	16QAM	12	0	22.47	22.53	22.46
5	16QAM	12	7	22.40	22.45	22.43
5	16QAM	12	13	22.26	22.36	22.32
5	16QAM	25	0	22.38	22.38	22.46
5	64QAM	1	0	22.28	22.43	22.37
5	64QAM	1	12	22.24	22.22	22.19
5	64QAM	1	24	22.17	22.16	22.20
5	64QAM	12	0	22.28	22.39	22.33
5	64QAM	12	7	22.27	22.36	22.17
5	64QAM	12	13	22.34	22.25	22.27
5	64QAM	25	0	22.28	22.38	22.35



LTE Band 5						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20415	20525	20635
Frequency (MHz)				825.5	836.5	847.5
3	QPSK	1	0	23.18	23.32	23.24
3	QPSK	1	8	23.15	23.14	23.12
3	QPSK	1	14	23.07	22.98	23.10
3	QPSK	8	0	22.06	22.01	22.10
3	QPSK	8	4	21.94	21.97	22.06
3	QPSK	8	7	21.90	21.97	21.96
3	QPSK	15	0	21.84	21.87	21.94
3	16QAM	1	0	22.34	22.40	22.35
3	16QAM	1	8	22.19	22.36	22.27
3	16QAM	1	14	22.15	22.23	22.34
3	16QAM	8	0	22.37	22.45	22.49
3	16QAM	8	4	22.37	22.39	22.42
3	16QAM	8	7	22.26	22.39	22.27
3	16QAM	15	0	22.40	22.38	22.37
3	64QAM	1	0	22.26	22.40	22.25
3	64QAM	1	8	22.23	22.22	22.14
3	64QAM	1	14	22.17	22.19	22.25
3	64QAM	8	0	22.32	22.41	22.38
3	64QAM	8	4	22.19	22.25	22.30
3	64QAM	8	7	22.23	22.32	22.35
3	64QAM	15	0	22.33	22.38	22.30



LTE Band 5						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20407	20525	20643
Frequency (MHz)				824.7	836.5	848.3
1.4	QPSK	1	0	23.22	23.30	23.18
1.4	QPSK	1	3	23.13	23.21	23.19
1.4	QPSK	1	5	23.04	23.00	23.04
1.4	QPSK	3	0	23.04	23.13	23.16
1.4	QPSK	3	1	23.02	22.97	23.06
1.4	QPSK	3	3	22.96	22.98	22.94
1.4	QPSK	6	0	22.09	22.18	22.15
1.4	16QAM	1	0	22.25	22.40	22.41
1.4	16QAM	1	3	22.18	22.29	22.20
1.4	16QAM	1	5	22.51	22.60	22.69
1.4	16QAM	3	0	22.41	22.44	22.43
1.4	16QAM	3	1	22.42	22.47	22.40
1.4	16QAM	3	3	22.33	22.35	22.25
1.4	16QAM	6	0	21.27	21.44	21.48
1.4	64QAM	1	0	22.32	22.33	22.29
1.4	64QAM	1	3	22.15	22.28	22.20
1.4	64QAM	1	5	22.22	22.23	22.20
1.4	64QAM	3	0	22.27	22.37	22.28
1.4	64QAM	3	1	22.22	22.31	22.24
1.4	64QAM	3	3	22.29	22.29	22.31
1.4	64QAM	6	0	22.30	22.36	22.28



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	21.82	21.83	21.75
20	QPSK	1	49	21.77	21.81	21.70
20	QPSK	1	99	21.72	21.67	21.72
20	QPSK	50	0	20.68	20.75	20.72
20	QPSK	50	24	20.44	20.41	20.31
20	QPSK	50	50	20.54	20.57	20.54
20	QPSK	100	0	20.49	20.51	20.48
20	16QAM	1	0	20.30	20.40	20.58
20	16QAM	1	49	20.45	20.31	20.59
20	16QAM	1	99	20.39	20.70	20.35
20	16QAM	50	0	20.24	20.34	20.27
20	16QAM	50	24	20.29	20.21	20.32
20	16QAM	50	50	20.37	20.42	20.25
20	16QAM	100	0	20.25	20.37	20.35
20	64QAM	1	0	20.73	20.57	20.30
20	64QAM	1	49	20.67	20.64	20.69
20	64QAM	1	99	20.65	20.70	20.61
20	64QAM	50	0	20.39	20.40	20.45
20	64QAM	50	24	20.44	20.45	20.45
20	64QAM	50	50	20.48	20.55	20.40
20	64QAM	100	0	20.41	20.38	20.50



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	23.59	23.62	23.55
10	QPSK	1	25	23.51	23.55	23.48
10	QPSK	1	49	23.47	23.49	23.46
10	QPSK	25	0	22.68	22.71	22.64
10	QPSK	25	12	22.37	22.47	22.42
10	QPSK	25	25	22.51	22.50	22.66
10	QPSK	50	0	22.57	22.66	22.52
10	16QAM	1	0	22.80	22.88	22.77
10	16QAM	1	25	22.78	22.85	22.72
10	16QAM	1	49	22.79	22.83	22.69
10	16QAM	25	0	22.52	22.58	22.45
10	16QAM	25	12	22.50	22.55	22.49
10	16QAM	25	25	22.47	22.51	22.45
10	16QAM	50	0	22.51	22.58	22.49
10	64QAM	1	0	22.68	22.78	22.64
10	64QAM	1	25	22.66	22.70	22.62
10	64QAM	1	49	22.64	22.67	22.58
10	64QAM	25	0	22.60	22.68	22.42
10	64QAM	25	12	22.58	22.59	22.44
10	64QAM	25	25	22.49	22.52	22.58
10	64QAM	50	0	22.54	22.58	22.64



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	23.51	23.54	23.47
5	QPSK	1	12	23.50	23.51	23.44
5	QPSK	1	24	23.38	23.39	23.39
5	QPSK	12	0	22.43	22.35	22.58
5	QPSK	12	7	22.28	22.37	22.39
5	QPSK	12	13	22.42	22.46	22.62
5	QPSK	25	0	22.44	22.47	22.41
5	16QAM	1	0	22.69	22.78	22.72
5	16QAM	1	12	22.67	22.78	22.68
5	16QAM	1	24	22.73	22.68	22.66
5	16QAM	12	0	22.41	22.51	22.40
5	16QAM	12	7	22.39	22.45	22.48
5	16QAM	12	13	22.35	22.37	22.44
5	16QAM	25	0	22.42	22.49	22.44
5	64QAM	1	0	22.65	22.74	22.56
5	64QAM	1	12	22.65	22.69	22.52
5	64QAM	1	24	22.52	22.58	22.44
5	64QAM	12	0	22.56	22.64	22.28
5	64QAM	12	7	22.51	22.55	22.29
5	64QAM	12	13	22.47	22.37	22.53
5	64QAM	25	0	22.53	22.43	22.49



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	23.55	23.49	23.40
3	QPSK	1	8	23.43	23.42	23.36
3	QPSK	1	14	23.36	23.48	23.39
3	QPSK	8	0	22.44	22.36	22.59
3	QPSK	8	4	22.32	22.46	22.33
3	QPSK	8	7	22.36	22.44	22.59
3	QPSK	15	0	22.42	22.38	22.41
3	16QAM	1	0	22.76	22.73	22.73
3	16QAM	1	8	22.68	22.82	22.70
3	16QAM	1	14	22.66	22.79	22.65
3	16QAM	8	0	22.42	22.53	22.39
3	16QAM	8	4	22.37	22.49	22.44
3	16QAM	8	7	22.45	22.48	22.31
3	16QAM	15	0	22.37	22.56	22.42
3	64QAM	1	0	22.65	22.72	22.63
3	64QAM	1	8	22.54	22.69	22.49
3	64QAM	1	14	22.51	22.64	22.47
3	64QAM	8	0	22.48	22.65	22.38
3	64QAM	8	4	22.50	22.53	22.31
3	64QAM	8	7	22.41	22.37	22.47
3	64QAM	15	0	22.45	22.55	22.57



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	23.55	23.58	23.53
1.4	QPSK	1	3	23.42	23.46	23.47
1.4	QPSK	1	5	23.44	23.46	23.36
1.4	QPSK	3	0	23.36	23.43	23.60
1.4	QPSK	3	1	23.28	23.43	23.39
1.4	QPSK	3	3	23.50	23.44	23.51
1.4	QPSK	6	0	22.43	22.45	22.37
1.4	16QAM	1	0	22.67	22.75	22.73
1.4	16QAM	1	3	22.63	22.75	22.57
1.4	16QAM	1	5	22.65	22.82	22.65
1.4	16QAM	3	0	22.42	22.47	22.42
1.4	16QAM	3	1	22.39	22.50	22.43
1.4	16QAM	3	3	22.32	22.43	22.41
1.4	16QAM	6	0	21.50	21.49	21.41
1.4	64QAM	1	0	22.65	22.67	22.53
1.4	64QAM	1	3	22.60	22.66	22.48
1.4	64QAM	1	5	22.49	22.59	22.51
1.4	64QAM	3	0	22.57	22.60	22.39
1.4	64QAM	3	1	22.56	22.47	22.39
1.4	64QAM	3	3	22.48	22.44	22.57
1.4	64QAM	6	0	22.47	22.56	22.60



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	/	23.28	/
10	QPSK	1	25	/	23.14	/
10	QPSK	1	49	/	23.14	/
10	QPSK	25	0	/	22.36	/
10	QPSK	25	12	/	22.21	/
10	QPSK	25	25	/	22.07	/
10	QPSK	50	0	/	22.23	/
10	16QAM	1	0	/	22.28	/
10	16QAM	1	25	/	22.35	/
10	16QAM	1	49	/	22.33	/
10	16QAM	25	0	/	21.25	/
10	16QAM	25	12	/	21.29	/
10	16QAM	25	25	/	21.21	/
10	16QAM	50	0	/	21.24	/
10	64QAM	1	0	/	21.32	/
10	64QAM	1	25	/	21.24	/
10	64QAM	1	49	/	21.04	/
10	64QAM	25	0	/	21.21	/
10	64QAM	25	12	/	21.24	/
10	64QAM	25	25	/	21.18	/
10	64QAM	50	0	/	21.16	/



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	23.19	23.25	23.24
5	QPSK	1	12	23.12	23.08	23.02
5	QPSK	1	24	23.09	23.06	23.08
5	QPSK	12	0	22.34	22.33	22.24
5	QPSK	12	7	22.16	22.16	22.14
5	QPSK	12	13	21.99	21.98	22.00
5	QPSK	25	0	22.15	22.17	22.14
5	16QAM	1	0	22.19	22.16	22.25
5	16QAM	1	12	22.33	22.27	22.32
5	16QAM	1	24	22.26	22.22	22.24
5	16QAM	12	0	21.19	21.22	21.20
5	16QAM	12	7	21.28	21.17	21.20
5	16QAM	12	13	21.19	21.09	21.16
5	16QAM	25	0	21.15	21.16	21.19
5	64QAM	1	0	21.20	21.28	21.26
5	64QAM	1	12	21.15	21.12	21.15
5	64QAM	1	24	21.40	21.50	21.55
5	64QAM	12	0	21.14	21.20	21.18
5	64QAM	12	7	21.18	21.22	21.20
5	64QAM	12	13	21.09	21.12	21.11
5	64QAM	25	0	21.09	21.08	21.09



LTE Band 25						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26140	26365	26590
Frequency (MHz)				1860	1882.5	1905
20	QPSK	1	0	22.66	22.70	22.65
20	QPSK	1	49	22.53	22.65	22.51
20	QPSK	1	99	22.39	22.49	22.33
20	QPSK	50	0	21.83	21.88	21.80
20	QPSK	50	24	21.82	21.84	21.75
20	QPSK	50	50	21.66	21.72	21.69
20	QPSK	100	0	21.73	21.77	21.65
20	16QAM	1	0	21.52	21.78	21.35
20	16QAM	1	49	21.73	21.75	21.54
20	16QAM	1	99	21.50	21.53	21.43
20	16QAM	50	0	21.35	21.39	21.34
20	16QAM	50	24	21.53	21.58	21.50
20	16QAM	50	50	21.44	21.51	21.47
20	16QAM	100	0	21.42	21.45	21.38
20	64QAM	1	0	21.56	21.62	21.52
20	64QAM	1	49	21.54	21.56	21.45
20	64QAM	1	99	21.16	21.20	21.12
20	64QAM	50	0	21.56	21.61	21.46
20	64QAM	50	24	21.41	21.47	21.39
20	64QAM	50	50	21.43	21.54	21.36
20	64QAM	100	0	21.42	21.53	21.42



LTE Band 25						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26115	26365	26615
Frequency (MHz)				1857.5	1882.5	1907.5
15	QPSK	1	0	22.51	22.68	22.64
15	QPSK	1	37	22.46	22.53	22.50
15	QPSK	1	74	22.32	22.43	22.29
15	QPSK	36	0	21.47	21.56	21.55
15	QPSK	36	20	21.47	21.47	21.44
15	QPSK	36	39	21.40	21.36	21.41
15	QPSK	75	0	21.42	21.44	21.27
15	16QAM	1	0	21.34	21.71	21.29
15	16QAM	1	37	21.62	21.60	21.38
15	16QAM	1	74	21.46	21.47	21.32
15	16QAM	36	0	21.18	21.32	21.28
15	16QAM	36	20	21.67	21.79	21.72
15	16QAM	36	39	21.41	21.46	21.41
15	16QAM	75	0	21.31	21.35	21.26
15	64QAM	1	0	21.48	21.60	21.44
15	64QAM	1	37	21.45	21.49	21.39
15	64QAM	1	74	21.23	21.20	21.31
15	64QAM	36	0	21.51	21.59	21.36
15	64QAM	36	20	21.35	21.33	21.28
15	64QAM	36	39	21.41	21.44	21.32
15	64QAM	75	0	21.34	21.40	21.27



LTE Band 25						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26090	26365	26640
Frequency (MHz)				1855	1882.5	1910
10	QPSK	1	0	22.54	22.59	22.59
10	QPSK	1	25	22.41	22.59	22.37
10	QPSK	1	49	22.30	22.43	22.25
10	QPSK	25	0	21.53	21.63	21.42
10	QPSK	25	12	21.54	21.56	21.40
10	QPSK	25	25	21.31	21.40	21.40
10	QPSK	50	0	21.46	21.44	21.29
10	16QAM	1	0	21.39	21.62	21.29
10	16QAM	1	25	21.63	21.67	21.41
10	16QAM	1	49	21.42	21.39	21.27
10	16QAM	25	0	21.49	21.47	21.47
10	16QAM	25	12	21.43	21.52	21.38
10	16QAM	25	25	21.40	21.45	21.32
10	16QAM	50	0	21.30	21.33	21.26
10	64QAM	1	0	21.52	21.51	21.42
10	64QAM	1	25	21.40	21.55	21.41
10	64QAM	1	49	21.05	21.07	21.11
10	64QAM	25	0	21.51	21.46	21.31
10	64QAM	25	12	21.39	21.43	21.27
10	64QAM	25	25	21.35	21.46	21.28
10	64QAM	50	0	21.38	21.42	21.31



LTE Band 25						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26065	26365	26665
Frequency (MHz)				1852.5	1882.5	1912.5
5	QPSK	1	0	22.52	22.57	22.64
5	QPSK	1	12	22.48	22.57	22.46
5	QPSK	1	24	22.28	22.48	22.26
5	QPSK	12	0	21.78	21.78	21.65
5	QPSK	12	7	21.52	21.48	21.37
5	QPSK	12	13	21.36	21.38	21.43
5	QPSK	25	0	21.41	21.41	21.26
5	16QAM	1	0	21.69	21.86	21.77
5	16QAM	1	12	21.85	21.92	21.66
5	16QAM	1	24	21.62	21.64	21.55
5	16QAM	12	0	21.49	21.59	21.54
5	16QAM	12	7	21.50	21.53	21.35
5	16QAM	12	13	21.35	21.38	21.34
5	16QAM	25	0	21.28	21.34	21.26
5	64QAM	1	0	21.44	21.54	21.41
5	64QAM	1	12	21.39	21.45	21.33
5	64QAM	1	24	21.07	21.07	21.11
5	64QAM	12	0	21.47	21.48	21.40
5	64QAM	12	7	21.32	21.41	21.27
5	64QAM	12	13	21.37	21.39	21.27
5	64QAM	25	0	21.35	21.41	21.33



LTE Band 25						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26055	26365	26675
Frequency (MHz)				1851.5	1882.5	1913.5
3	QPSK	1	0	22.54	22.55	22.56
3	QPSK	1	8	22.38	22.50	22.44
3	QPSK	1	14	22.27	22.40	22.23
3	QPSK	8	0	21.54	21.59	21.46
3	QPSK	8	4	21.45	21.51	21.37
3	QPSK	8	7	21.35	21.44	21.40
3	QPSK	15	0	21.13	21.22	21.09
3	16QAM	1	0	21.46	21.69	21.27
3	16QAM	1	8	21.64	21.63	21.38
3	16QAM	1	14	21.41	21.49	21.39
3	16QAM	8	0	21.25	21.34	21.25
3	16QAM	8	4	21.21	21.31	21.12
3	16QAM	8	7	21.19	21.23	21.22
3	16QAM	15	0	21.07	21.18	20.99
3	64QAM	1	0	21.54	21.52	21.44
3	64QAM	1	8	21.45	21.50	21.33
3	64QAM	1	14	21.12	21.11	21.09
3	64QAM	8	0	21.46	21.54	21.36
3	64QAM	8	4	21.28	21.39	21.24
3	64QAM	8	7	21.34	21.40	21.28
3	64QAM	15	0	21.36	21.46	21.38



LTE Band 25						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26047	26365	26683
Frequency (MHz)				1850.7	1882.5	1914.3
1.4	QPSK	1	0	22.51	22.61	22.60
1.4	QPSK	1	3	22.44	22.62	22.49
1.4	QPSK	1	5	22.36	22.46	22.32
1.4	QPSK	3	0	22.58	22.57	22.57
1.4	QPSK	3	1	22.53	22.57	22.49
1.4	QPSK	3	3	22.18	22.15	22.09
1.4	QPSK	6	0	21.48	21.48	21.29
1.4	16QAM	1	0	21.38	21.68	21.31
1.4	16QAM	1	3	21.64	21.69	21.46
1.4	16QAM	1	5	21.33	21.47	21.30
1.4	16QAM	3	0	21.31	21.33	21.16
1.4	16QAM	3	1	21.40	21.57	21.39
1.4	16QAM	3	3	21.33	21.40	21.34
1.4	16QAM	6	0	21.39	21.32	21.34
1.4	64QAM	1	0	21.49	21.57	21.38
1.4	64QAM	1	3	21.43	21.43	21.35
1.4	64QAM	1	5	21.34	21.10	21.09
1.4	64QAM	3	0	21.45	21.50	21.42
1.4	64QAM	3	1	21.36	21.34	21.35
1.4	64QAM	3	3	21.41	21.48	21.39
1.4	64QAM	6	0	21.41	21.51	21.40



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	22.73	22.75	22.67
15	QPSK	1	37	22.63	22.67	22.61
15	QPSK	1	74	22.51	22.63	22.60
15	QPSK	36	0	21.78	21.79	21.75
15	QPSK	36	20	21.60	21.64	21.57
15	QPSK	36	39	21.43	21.55	21.49
15	QPSK	75	0	21.64	21.69	21.65
15	16QAM	1	0	21.75	21.81	21.73
15	16QAM	1	37	21.70	21.71	21.49
15	16QAM	1	74	21.64	21.66	21.58
15	16QAM	36	0	21.33	21.44	21.27
15	16QAM	36	20	21.39	21.49	21.35
15	16QAM	36	39	21.24	21.32	21.24
15	16QAM	75	0	21.26	21.38	21.27
15	64QAM	1	0	21.72	21.75	21.65
15	64QAM	1	37	21.64	21.69	21.59
15	64QAM	1	74	21.66	21.77	21.68
15	64QAM	36	0	21.30	21.33	21.21
15	64QAM	36	20	21.21	21.25	21.16
15	64QAM	36	39	21.10	21.14	21.06
15	64QAM	75	0	21.09	21.14	21.07



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				26840	26915	26990
Frequency (MHz)				829.0	836.5	844.0
10	QPSK	1	0	22.49	22.51	22.56
10	QPSK	1	25	22.53	22.52	22.58
10	QPSK	1	49	22.47	22.42	22.54
10	QPSK	25	0	21.65	21.63	21.67
10	QPSK	25	12	21.36	21.39	21.43
10	QPSK	25	25	21.11	21.10	21.13
10	QPSK	50	0	21.34	21.37	21.38
10	16QAM	1	0	21.56	21.50	21.58
10	16QAM	1	25	21.35	21.30	21.42
10	16QAM	1	49	21.51	21.52	21.57
10	16QAM	25	0	21.36	21.37	21.40
10	16QAM	25	12	21.26	21.25	21.29
10	16QAM	25	25	21.14	21.14	21.15
10	16QAM	50	0	21.11	21.14	21.15
10	64QAM	1	0	21.40	21.48	21.50
10	64QAM	1	25	21.35	21.39	21.46
10	64QAM	1	49	21.56	21.55	21.60
10	64QAM	25	0	21.08	21.14	21.17
10	64QAM	25	12	20.93	20.99	21.03
10	64QAM	25	25	20.95	20.96	21.02
10	64QAM	50	0	20.92	20.86	20.95



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	22.54	22.48	22.55
5	QPSK	1	12	22.46	22.40	22.49
5	QPSK	1	24	22.40	22.47	22.51
5	QPSK	12	0	21.63	21.54	21.65
5	QPSK	12	7	21.38	21.32	21.42
5	QPSK	12	13	21.08	21.15	21.19
5	QPSK	25	0	21.28	21.36	21.38
5	16QAM	1	0	21.57	21.57	21.66
5	16QAM	1	12	21.31	21.23	21.35
5	16QAM	1	24	21.49	21.53	21.57
5	16QAM	12	0	21.36	21.39	21.40
5	16QAM	12	7	21.22	21.21	21.23
5	16QAM	12	13	21.12	21.14	21.17
5	16QAM	25	0	21.22	21.14	21.23
5	64QAM	1	0	21.59	21.54	21.63
5	64QAM	1	12	21.47	21.49	21.57
5	64QAM	1	24	21.54	21.48	21.60
5	64QAM	12	0	21.17	21.11	21.18
5	64QAM	12	7	21.05	21.00	21.08
5	64QAM	12	13	21.01	21.03	21.04
5	64QAM	25	0	20.94	21.02	21.03



LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26805	26915	27025
Frequency (MHz)				825.5	836.5	847.5
3	QPSK	1	0	22.46	22.47	22.54
3	QPSK	1	8	22.45	22.38	22.50
3	QPSK	1	14	22.48	22.44	22.52
3	QPSK	8	0	21.62	21.55	21.64
3	QPSK	8	4	21.46	21.54	21.56
3	QPSK	8	7	21.21	21.12	21.22
3	QPSK	15	0	21.38	21.34	21.39
3	16QAM	1	0	21.55	21.56	21.58
3	16QAM	1	8	21.39	21.35	21.44
3	16QAM	1	14	21.54	21.47	21.55
3	16QAM	8	0	21.34	21.34	21.43
3	16QAM	8	4	21.16	21.09	21.20
3	16QAM	8	7	21.11	21.22	21.23
3	16QAM	15	0	21.17	21.14	21.24
3	64QAM	1	0	21.45	21.42	21.52
3	64QAM	1	8	21.40	21.47	21.48
3	64QAM	1	14	21.63	21.61	21.66
3	64QAM	8	0	21.05	21.06	21.15
3	64QAM	8	4	21.10	21.10	21.14
3	64QAM	8	7	20.98	21.01	21.05
3	64QAM	15	0	20.88	20.89	20.92



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	22.60	22.57	22.62
1.4	QPSK	1	3	22.41	22.39	22.49
1.4	QPSK	1	5	22.55	22.48	22.56
1.4	QPSK	3	0	22.55	22.56	22.63
1.4	QPSK	3	1	22.49	22.46	22.51
1.4	QPSK	3	3	22.34	22.40	22.46
1.4	QPSK	6	0	21.29	21.28	21.35
1.4	16QAM	1	0	21.65	21.61	21.70
1.4	16QAM	1	3	21.34	21.35	21.41
1.4	16QAM	1	5	21.35	21.42	21.44
1.4	16QAM	3	0	21.43	21.39	21.47
1.4	16QAM	3	1	21.14	21.17	21.23
1.4	16QAM	3	3	21.37	21.46	21.49
1.4	16QAM	6	0	21.16	21.20	21.24
1.4	64QAM	1	0	21.53	21.59	21.62
1.4	64QAM	1	3	21.52	21.45	21.54
1.4	64QAM	1	5	21.49	21.52	21.53
1.4	64QAM	3	0	21.30	21.30	21.42
1.4	64QAM	3	1	21.36	21.32	21.39
1.4	64QAM	3	3	21.21	21.13	21.25
1.4	64QAM	6	0	20.89	20.87	20.98



LTE Band 41 (Power Class 2)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39750	40620	41490
Frequency (MHz)				2506	2593	2680
20	QPSK	1	0	25.62	25.86	25.60
20	QPSK	1	49	25.52	25.73	25.31
20	QPSK	1	99	25.63	25.74	25.22
20	QPSK	50	0	24.73	24.84	24.69
20	QPSK	50	24	24.42	24.68	24.38
20	QPSK	50	50	24.48	24.63	24.47
20	QPSK	100	0	24.63	24.69	24.41
20	16QAM	1	0	24.35	24.67	24.66
20	16QAM	1	49	24.66	24.64	24.38
20	16QAM	1	99	24.77	24.38	24.57
20	16QAM	50	0	24.27	24.49	24.39
20	16QAM	50	24	24.23	24.39	24.35
20	16QAM	50	50	24.19	24.35	24.26
20	16QAM	100	0	24.60	24.32	24.29
20	64QAM	1	0	24.76	24.94	24.70
20	64QAM	1	49	24.83	24.89	24.62
20	64QAM	1	99	24.89	24.91	24.37
20	64QAM	50	0	24.36	24.63	24.41
20	64QAM	50	24	24.58	24.60	24.28
20	64QAM	50	50	24.55	24.61	24.20
20	64QAM	100	0	24.53	24.60	24.33



LTE Band 41 (Power Class 2)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39725	40620	41515
Frequency (MHz)				2503.5	2593	2682.5
15	QPSK	1	0	25.57	25.77	25.50
15	QPSK	1	37	25.38	25.61	25.24
15	QPSK	1	74	25.49	25.70	25.09
15	QPSK	36	0	24.69	24.77	24.59
15	QPSK	36	20	24.60	24.88	24.54
15	QPSK	36	39	24.61	24.76	24.64
15	QPSK	75	0	24.76	24.71	24.60
15	16QAM	1	0	24.43	24.87	24.74
15	16QAM	1	37	24.84	24.82	24.44
15	16QAM	1	74	24.76	24.27	24.43
15	16QAM	36	0	24.21	24.42	24.30
15	16QAM	36	20	24.13	24.30	24.27
15	16QAM	36	39	24.04	24.31	24.14
15	16QAM	75	0	24.54	24.26	24.24
15	64QAM	1	0	24.65	24.93	24.63
15	64QAM	1	37	24.74	24.82	24.58
15	64QAM	1	74	24.75	24.88	24.22
15	64QAM	36	0	24.35	24.48	24.31
15	64QAM	36	20	24.47	24.53	24.22
15	64QAM	36	39	24.48	24.60	24.19
15	64QAM	75	0	24.44	24.46	24.24



LTE Band 41 (Power Class 2)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39700	40620	41540
Frequency (MHz)				2501	2593	2685
10	QPSK	1	0	25.50	25.81	25.59
10	QPSK	1	25	25.37	25.58	25.19
10	QPSK	1	49	25.50	25.65	25.08
10	QPSK	25	0	24.61	24.76	24.56
10	QPSK	25	12	24.51	24.84	24.49
10	QPSK	25	25	24.66	24.82	24.66
10	QPSK	50	0	24.71	24.78	24.53
10	16QAM	1	0	24.44	24.73	24.72
10	16QAM	1	25	24.75	24.80	24.46
10	16QAM	1	49	24.72	24.24	24.45
10	16QAM	25	0	24.12	24.36	24.36
10	16QAM	25	12	24.09	24.31	24.22
10	16QAM	25	25	24.13	24.27	24.22
10	16QAM	50	0	24.46	24.30	24.28
10	64QAM	1	0	24.68	24.87	24.68
10	64QAM	1	25	24.71	24.87	24.61
10	64QAM	1	49	24.80	24.89	24.26
10	64QAM	25	0	24.22	24.54	24.36
10	64QAM	25	12	24.45	24.52	24.16
10	64QAM	25	25	24.42	24.60	24.17
10	64QAM	50	0	24.43	24.46	24.26



LTE Band 41 (Power Class 2)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39675	40620	41565
Frequency (MHz)				2498.5	2593	2687.5
5	QPSK	1	0	25.47	25.78	25.51
5	QPSK	1	12	25.51	25.70	25.25
5	QPSK	1	24	25.53	25.73	25.11
5	QPSK	12	0	24.70	24.73	24.60
5	QPSK	12	7	24.58	24.78	24.52
5	QPSK	12	13	24.55	24.72	24.60
5	QPSK	25	0	24.69	24.69	24.60
5	16QAM	1	0	24.51	24.86	24.74
5	16QAM	1	12	24.82	24.76	24.57
5	16QAM	1	24	24.68	24.36	24.51
5	16QAM	12	0	24.13	24.34	24.25
5	16QAM	12	7	24.09	24.31	24.28
5	16QAM	12	13	24.16	24.23	24.19
5	16QAM	25	0	24.52	24.45	24.37
5	64QAM	1	0	24.71	24.93	24.63
5	64QAM	1	12	24.77	24.79	24.52
5	64QAM	1	24	24.83	24.87	24.33
5	64QAM	12	0	24.21	24.59	24.26
5	64QAM	12	7	24.50	24.58	24.19
5	64QAM	12	13	24.53	24.46	24.19
5	64QAM	25	0	24.50	24.50	24.29



LTE Band 41 (Power Class 3)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39750	40620	41490
Frequency (MHz)				2506	2593	2680
20	QPSK	1	0	23.66	23.80	23.75
20	QPSK	1	49	23.33	23.71	23.35
20	QPSK	1	99	23.29	23.49	23.20
20	QPSK	50	0	22.66	22.78	22.69
20	QPSK	50	24	22.61	22.58	22.35
20	QPSK	50	50	22.47	22.65	22.34
20	QPSK	100	0	22.65	22.74	22.64
20	16QAM	1	0	22.46	22.68	22.43
20	16QAM	1	49	22.52	22.62	22.25
20	16QAM	1	99	22.49	22.42	22.02
20	16QAM	50	0	22.29	22.42	22.02
20	16QAM	50	24	22.25	22.20	21.99
20	16QAM	50	50	22.31	22.15	21.88
20	16QAM	100	0	22.13	22.23	21.99
20	64QAM	1	0	22.45	22.60	22.40
20	64QAM	1	49	22.24	22.49	22.33
20	64QAM	1	99	22.15	22.34	22.18
20	64QAM	50	0	22.13	22.38	21.96
20	64QAM	50	24	22.10	22.31	22.04
20	64QAM	50	50	22.03	22.18	21.91
20	64QAM	100	0	21.86	22.08	21.93



LTE Band 41 (Power Class 3)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39725	40620	41515
Frequency (MHz)				2503.5	2593	2682.5
15	QPSK	1	0	24.49	23.67	23.40
15	QPSK	1	37	23.20	23.36	23.22
15	QPSK	1	74	23.18	23.36	23.16
15	QPSK	36	0	22.53	22.65	22.36
15	QPSK	36	20	22.48	22.45	22.32
15	QPSK	36	39	22.64	22.52	22.21
15	QPSK	75	0	22.45	22.47	22.16
15	16QAM	1	0	22.29	22.53	22.34
15	16QAM	1	37	22.73	22.49	22.16
15	16QAM	1	74	22.40	22.33	22.19
15	16QAM	36	0	22.09	22.31	22.02
15	16QAM	36	20	22.14	22.09	21.88
15	16QAM	36	39	22.10	22.04	21.91
15	16QAM	75	0	21.93	21.97	21.83
15	64QAM	1	0	22.42	22.59	22.47
15	64QAM	1	37	22.11	22.21	22.22
15	64QAM	1	74	22.30	22.21	22.15
15	64QAM	36	0	22.20	22.32	21.93
15	64QAM	36	20	22.17	21.98	21.71
15	64QAM	36	39	22.00	22.05	21.78
15	64QAM	75	0	21.83	22.13	21.90



LTE Band 41 (Power Class 3)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39700	40620	41540
Frequency (MHz)				2501	2593	2685
10	QPSK	1	0	23.44	23.71	23.39
10	QPSK	1	25	23.24	23.59	23.27
10	QPSK	1	49	23.20	23.40	23.16
10	QPSK	25	0	22.57	22.44	22.30
10	QPSK	25	12	22.52	22.49	22.26
10	QPSK	25	25	22.68	22.56	22.25
10	QPSK	50	0	22.71	22.51	22.25
10	16QAM	1	0	22.37	22.73	22.34
10	16QAM	1	25	22.43	22.43	22.16
10	16QAM	1	49	22.40	22.33	22.13
10	16QAM	25	0	22.20	22.33	22.13
10	16QAM	25	12	22.16	22.11	21.90
10	16QAM	25	25	22.22	22.06	21.89
10	16QAM	50	0	21.86	22.14	21.81
10	64QAM	1	0	22.22	22.58	22.33
10	64QAM	1	25	22.15	22.25	22.14
10	64QAM	1	49	21.67	22.80	22.59
10	64QAM	25	0	21.94	22.16	21.87
10	64QAM	25	12	22.11	22.02	21.85
10	64QAM	25	25	22.04	22.09	21.82
10	64QAM	50	0	21.87	22.17	21.94



LTE Band 41 (Power Class 3)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39675	40620	41565
Frequency (MHz)				2498.5	2593	2687.5
5	QPSK	1	0	23.36	23.65	23.34
5	QPSK	1	12	23.22	23.51	23.20
5	QPSK	1	24	23.14	23.54	23.15
5	QPSK	12	0	22.51	22.68	22.24
5	QPSK	12	7	22.46	22.43	22.20
5	QPSK	12	13	22.62	22.50	22.19
5	QPSK	25	0	22.65	22.45	22.19
5	16QAM	1	0	22.46	22.58	22.43
5	16QAM	1	12	22.52	22.52	22.25
5	16QAM	1	24	22.49	22.39	22.13
5	16QAM	12	0	21.99	22.40	22.02
5	16QAM	12	7	22.05	22.28	21.99
5	16QAM	12	13	21.91	22.15	21.88
5	16QAM	25	0	21.95	22.23	21.99
5	64QAM	1	0	22.45	22.53	22.37
5	64QAM	1	12	22.24	22.34	22.26
5	64QAM	1	24	22.31	22.34	22.15
5	64QAM	12	0	22.13	22.25	21.96
5	64QAM	12	7	22.05	22.11	21.84
5	64QAM	12	13	22.08	22.18	21.81
5	64QAM	25	0	21.99	22.06	22.03



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	22.78	22.81	22.72
20	QPSK	1	49	22.69	22.72	22.65
20	QPSK	1	99	22.65	22.68	22.62
20	QPSK	50	0	21.72	21.84	21.81
20	QPSK	50	24	21.57	21.56	21.58
20	QPSK	50	50	21.53	21.53	21.53
20	QPSK	100	0	21.61	21.72	21.60
20	16QAM	1	0	21.69	21.72	21.60
20	16QAM	1	49	21.60	21.65	21.56
20	16QAM	1	99	21.56	21.62	21.50
20	16QAM	50	0	21.71	21.78	21.68
20	16QAM	50	24	21.54	21.60	21.55
20	16QAM	50	50	21.50	21.51	21.49
20	16QAM	100	0	21.41	21.49	21.42
20	64QAM	1	0	21.75	21.88	21.84
20	64QAM	1	49	21.66	21.72	21.68
20	64QAM	1	99	21.52	21.55	21.49
20	64QAM	50	0	21.65	21.52	21.66
20	64QAM	50	24	21.53	21.46	21.68
20	64QAM	50	50	21.50	21.50	21.46
20	64QAM	100	0	21.60	21.39	21.49



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	22.73	22.71	22.65
15	QPSK	1	37	22.61	22.70	22.55
15	QPSK	1	74	22.58	22.53	22.61
15	QPSK	36	0	21.64	21.65	21.76
15	QPSK	36	20	21.67	21.70	21.77
15	QPSK	36	39	21.66	21.62	21.70
15	QPSK	75	0	21.77	21.85	21.71
15	16QAM	1	0	21.63	21.62	21.53
15	16QAM	1	37	21.48	21.57	21.54
15	16QAM	1	74	21.41	21.56	21.38
15	16QAM	36	0	21.12	21.13	21.12
15	16QAM	36	20	21.51	21.50	21.46
15	16QAM	36	39	21.49	21.41	21.39
15	16QAM	75	0	21.39	21.46	21.30
15	64QAM	1	0	21.60	21.75	21.72
15	64QAM	1	37	21.51	21.68	21.65
15	64QAM	1	74	21.50	21.53	21.47
15	64QAM	36	0	21.52	21.44	21.60
15	64QAM	36	20	21.42	21.39	21.66
15	64QAM	36	39	21.48	21.42	21.36
15	64QAM	75	0	21.59	21.35	21.46



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	22.63	22.80	22.57
10	QPSK	1	25	22.64	22.68	22.63
10	QPSK	1	49	22.54	22.54	22.54
10	QPSK	25	0	21.60	21.72	21.73
10	QPSK	25	12	21.73	21.71	21.76
10	QPSK	25	25	21.74	21.66	21.75
10	QPSK	50	0	21.29	21.36	21.28
10	16QAM	1	0	21.59	21.65	21.45
10	16QAM	1	25	21.58	21.59	21.52
10	16QAM	1	49	21.44	21.56	21.42
10	16QAM	25	0	21.61	21.66	21.60
10	16QAM	25	12	21.43	21.52	21.40
10	16QAM	25	25	21.39	21.50	21.44
10	16QAM	50	0	21.35	21.42	21.40
10	64QAM	1	0	21.72	21.87	21.72
10	64QAM	1	25	21.52	21.69	21.60
10	64QAM	1	49	21.47	21.44	21.44
10	64QAM	25	0	21.53	21.37	21.59
10	64QAM	25	12	21.39	21.44	21.64
10	64QAM	25	25	21.41	21.46	21.40
10	64QAM	50	0	21.51	21.32	21.41



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				131997	132322	132647
Frequency (MHz)				1712.5	1745	1777.5
5	QPSK	1	0	22.70	22.76	22.70
5	QPSK	1	12	22.68	22.61	22.51
5	QPSK	1	24	22.58	22.57	22.57
5	QPSK	12	0	21.61	21.79	21.66
5	QPSK	12	7	21.80	21.69	21.77
5	QPSK	12	13	21.72	21.71	21.73
5	QPSK	25	0	21.78	21.82	21.70
5	16QAM	1	0	21.61	21.66	21.54
5	16QAM	1	12	21.53	21.60	21.52
5	16QAM	1	24	21.48	21.56	21.46
5	16QAM	12	0	21.67	21.74	21.63
5	16QAM	12	7	21.40	21.58	21.48
5	16QAM	12	13	21.37	21.49	21.46
5	16QAM	25	0	21.34	21.43	21.30
5	64QAM	1	0	21.70	21.79	21.78
5	64QAM	1	12	21.65	21.59	21.64
5	64QAM	1	24	21.44	21.42	21.43
5	64QAM	12	0	21.51	21.48	21.59
5	64QAM	12	7	21.40	21.40	21.61
5	64QAM	12	13	21.45	21.35	21.40
5	64QAM	25	0	21.59	21.33	21.47



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				131987	132322	132657
Frequency (MHz)				1711.5	1745	1778.5
3	QPSK	1	0	22.67	22.73	22.64
3	QPSK	1	8	22.59	22.67	22.58
3	QPSK	1	14	22.54	22.57	22.58
3	QPSK	8	0	21.70	21.74	21.67
3	QPSK	8	4	21.67	21.73	21.78
3	QPSK	8	7	21.76	21.68	21.75
3	QPSK	15	0	21.20	21.37	21.25
3	16QAM	1	0	21.54	21.67	21.53
3	16QAM	1	8	21.58	21.51	21.45
3	16QAM	1	14	21.41	21.59	21.40
3	16QAM	8	0	21.70	21.69	21.58
3	16QAM	8	4	21.49	21.54	21.51
3	16QAM	8	7	21.46	21.47	21.39
3	16QAM	15	0	21.32	21.46	21.33
3	64QAM	1	0	21.65	21.83	21.71
3	64QAM	1	8	21.55	21.66	21.55
3	64QAM	1	14	21.44	21.44	21.36
3	64QAM	8	0	21.57	21.50	21.63
3	64QAM	8	4	21.51	21.36	21.60
3	64QAM	8	7	21.35	21.35	21.38
3	64QAM	15	0	21.54	21.24	21.48



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	22.63	22.66	22.58
1.4	QPSK	1	3	22.63	22.58	22.55
1.4	QPSK	1	5	22.54	22.64	22.58
1.4	QPSK	3	0	22.63	22.75	22.67
1.4	QPSK	3	1	22.77	22.72	22.73
1.4	QPSK	3	3	22.74	22.69	22.65
1.4	QPSK	6	0	21.80	21.93	21.72
1.4	16QAM	1	0	21.55	21.60	21.57
1.4	16QAM	1	3	21.45	21.56	21.48
1.4	16QAM	1	5	21.53	21.48	21.47
1.4	16QAM	3	0	21.35	21.41	21.26
1.4	16QAM	3	1	21.24	21.28	21.15
1.4	16QAM	3	3	21.16	21.09	21.06
1.4	16QAM	6	0	21.28	21.45	21.32
1.4	64QAM	1	0	21.71	21.86	21.80
1.4	64QAM	1	3	21.60	21.68	21.62
1.4	64QAM	1	5	21.37	21.52	21.40
1.4	64QAM	3	0	21.84	21.67	21.91
1.4	64QAM	3	1	21.68	21.63	21.90
1.4	64QAM	3	3	21.72	21.75	21.71
1.4	64QAM	6	0	21.59	21.31	21.36



LTE Band 71						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				133222	133322	133372
Frequency (MHz)				673	683	688
20	QPSK	1	0	22.33	22.38	22.28
20	QPSK	1	49	22.26	22.31	22.23
20	QPSK	1	99	22.18	22.22	22.19
20	QPSK	50	0	21.37	21.45	21.35
20	QPSK	50	24	21.22	21.28	21.19
20	QPSK	50	50	21.13	21.23	21.15
20	QPSK	100	0	21.33	21.40	21.32
20	16QAM	1	0	21.49	21.63	21.52
20	16QAM	1	49	21.44	21.56	21.46
20	16QAM	1	99	21.52	21.54	21.44
20	16QAM	50	0	21.36	21.40	21.33
20	16QAM	50	24	21.31	21.40	21.27
20	16QAM	50	50	21.29	21.32	21.31
20	16QAM	100	0	21.21	21.25	21.23
20	64QAM	1	0	21.54	21.64	21.48
20	64QAM	1	49	21.50	21.59	21.46
20	64QAM	1	99	21.47	21.55	21.45
20	64QAM	50	0	21.25	21.30	21.36
20	64QAM	50	24	21.26	21.31	21.27
20	64QAM	50	50	21.33	21.28	21.29
20	64QAM	100	0	21.29	21.32	21.24



LTE Band 71						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				133197	133297	133397
Frequency (MHz)				670.5	680.5	690.5
15	QPSK	1	0	22.31	22.35	22.19
15	QPSK	1	37	22.15	22.28	22.11
15	QPSK	1	74	22.14	22.19	22.18
15	QPSK	36	0	21.19	21.20	21.23
15	QPSK	36	20	21.11	21.19	21.17
15	QPSK	36	39	21.10	21.09	21.06
15	QPSK	75	0	21.27	21.33	21.21
15	16QAM	1	0	21.44	21.51	21.48
15	16QAM	1	37	21.37	21.41	21.33
15	16QAM	1	74	21.50	21.50	21.41
15	16QAM	36	0	21.27	21.39	21.20
15	16QAM	36	20	21.19	21.35	21.22
15	16QAM	36	39	21.24	21.23	21.28
15	16QAM	75	0	21.13	21.10	21.13
15	64QAM	1	0	21.39	21.59	21.34
15	64QAM	1	37	21.45	21.49	21.37
15	64QAM	1	74	21.42	21.45	21.34
15	64QAM	36	0	21.18	21.23	21.30
15	64QAM	36	20	21.20	21.17	21.24
15	64QAM	36	39	21.19	21.25	21.22
15	64QAM	75	0	21.21	21.28	21.09



LTE Band 71						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				133172	133272	133422
Frequency (MHz)				668	678	693
10	QPSK	1	0	22.21	22.27	22.26
10	QPSK	1	25	22.19	22.20	22.20
10	QPSK	1	49	22.17	22.21	22.15
10	QPSK	25	0	21.12	21.22	21.23
10	QPSK	25	12	21.17	21.23	21.14
10	QPSK	25	25	21.03	21.12	21.08
10	QPSK	50	0	21.21	21.25	21.18
10	16QAM	1	0	21.44	21.62	21.43
10	16QAM	1	25	21.30	21.42	21.44
10	16QAM	1	49	21.39	21.39	21.37
10	16QAM	25	0	21.24	21.34	21.29
10	16QAM	25	12	21.22	21.26	21.17
10	16QAM	25	25	21.14	21.20	21.16
10	16QAM	50	0	21.11	21.20	21.14
10	64QAM	1	0	21.44	21.54	21.38
10	64QAM	1	25	21.46	21.49	21.32
10	64QAM	1	49	21.37	21.47	21.38
10	64QAM	25	0	21.18	21.27	21.22
10	64QAM	25	12	21.21	21.27	21.22
10	64QAM	25	25	21.20	21.17	21.15
10	64QAM	50	0	21.25	21.21	21.17



LTE Band 71						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				133147	133247	133447
Frequency (MHz)				665.5	675.5	695.5
5	QPSK	1	0	22.21	22.26	22.18
5	QPSK	1	12	22.17	22.29	22.16
5	QPSK	1	24	22.12	22.11	22.15
5	QPSK	12	0	21.21	21.22	21.21
5	QPSK	12	7	21.13	21.15	21.13
5	QPSK	12	13	21.02	21.10	21.01
5	QPSK	25	0	21.18	21.32	21.24
5	16QAM	1	0	21.43	21.57	21.51
5	16QAM	1	12	21.32	21.46	21.39
5	16QAM	1	24	21.50	21.43	21.32
5	16QAM	12	0	21.21	21.31	21.26
5	16QAM	12	7	21.19	21.25	21.24
5	16QAM	12	13	21.14	21.20	21.19
5	16QAM	25	0	21.10	21.16	21.22
5	64QAM	1	0	21.47	21.54	21.44
5	64QAM	1	12	21.41	21.45	21.41
5	64QAM	1	24	21.35	21.51	21.39
5	64QAM	12	0	21.19	21.19	21.23
5	64QAM	12	7	21.24	21.16	21.23
5	64QAM	12	13	21.18	21.20	21.28
5	64QAM	25	0	21.22	21.30	21.13



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	25.86	0.385	25.89	0.388	25.81	0.381
20	QPSK	1	49	25.78	0.378	25.80	0.380	25.72	0.373
20	QPSK	1	99	25.45	0.351	25.48	0.353	25.50	0.355
20	QPSK	50	0	24.88	0.308	25.03	0.318	24.86	0.306
20	QPSK	50	24	24.97	0.314	25.02	0.318	25.00	0.316
20	QPSK	50	50	24.81	0.303	24.85	0.305	24.83	0.304
20	QPSK	100	0	24.72	0.296	24.74	0.298	24.67	0.293
20	16QAM	1	0	24.93	0.311	24.97	0.314	24.90	0.309
20	16QAM	1	49	24.85	0.305	24.88	0.308	24.82	0.303
20	16QAM	1	99	24.72	0.296	24.75	0.299	24.66	0.292
20	16QAM	50	0	24.71	0.296	24.77	0.300	24.74	0.298
20	16QAM	50	24	24.70	0.295	24.73	0.297	24.69	0.294
20	16QAM	50	50	24.69	0.294	24.77	0.300	24.68	0.294
20	16QAM	100	0	24.67	0.293	24.69	0.294	24.65	0.292
20	64QAM	1	0	24.80	0.302	24.85	0.305	24.76	0.299
20	64QAM	1	49	24.73	0.297	24.77	0.300	24.66	0.292
20	64QAM	1	99	24.74	0.298	24.76	0.299	24.69	0.294
20	64QAM	50	0	24.64	0.291	24.69	0.294	24.56	0.286
20	64QAM	50	24	24.59	0.288	24.66	0.292	24.55	0.285
20	64QAM	50	50	24.39	0.275	24.49	0.281	24.36	0.273
20	64QAM	100	0	24.37	0.274	24.45	0.279	24.35	0.272



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	25.75	0.376	25.81	0.381	25.66	0.368
15	QPSK	1	37	25.69	0.371	25.65	0.367	25.70	0.372
15	QPSK	1	74	25.39	0.346	25.41	0.348	25.46	0.352
15	QPSK	36	0	24.78	0.301	24.82	0.303	24.71	0.296
15	QPSK	36	20	24.83	0.304	24.98	0.315	24.93	0.311
15	QPSK	36	39	24.80	0.302	24.72	0.296	24.75	0.299
15	QPSK	75	0	24.73	0.297	24.76	0.299	24.76	0.299
15	16QAM	1	0	24.98	0.315	25.07	0.321	25.00	0.316
15	16QAM	1	37	24.88	0.308	24.97	0.314	24.87	0.307
15	16QAM	1	74	24.80	0.302	24.81	0.303	24.80	0.302
15	16QAM	36	0	24.84	0.305	24.88	0.308	24.80	0.302
15	16QAM	36	20	24.74	0.298	24.77	0.300	24.79	0.301
15	16QAM	36	39	24.72	0.296	24.83	0.304	24.69	0.294
15	16QAM	75	0	24.81	0.303	24.83	0.304	24.67	0.293
15	64QAM	1	0	24.91	0.310	24.85	0.305	24.88	0.308
15	64QAM	1	37	24.86	0.306	24.86	0.306	24.75	0.299
15	64QAM	1	74	24.65	0.292	24.65	0.292	24.62	0.290
15	64QAM	36	0	24.53	0.284	24.54	0.284	24.43	0.277
15	64QAM	36	20	24.48	0.281	24.56	0.286	24.45	0.279
15	64QAM	36	39	24.36	0.273	24.48	0.281	24.29	0.269
15	64QAM	75	0	24.22	0.264	24.31	0.270	24.28	0.268



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	25.81	0.381	25.77	0.378	25.79	0.379
10	QPSK	1	25	25.68	0.370	25.71	0.372	25.71	0.372
10	QPSK	1	49	25.36	0.344	25.41	0.348	25.39	0.346
10	QPSK	25	0	24.86	0.306	24.83	0.304	24.79	0.301
10	QPSK	25	12	24.90	0.309	24.93	0.311	24.99	0.316
10	QPSK	25	25	24.74	0.298	24.75	0.299	24.71	0.296
10	QPSK	50	0	24.75	0.299	24.77	0.300	24.67	0.293
10	16QAM	1	0	24.99	0.316	25.02	0.318	24.93	0.311
10	16QAM	1	25	24.91	0.310	24.92	0.310	24.86	0.306
10	16QAM	1	49	24.73	0.297	24.78	0.301	24.67	0.293
10	16QAM	25	0	24.85	0.305	24.90	0.309	24.74	0.298
10	16QAM	25	12	24.78	0.301	24.85	0.305	24.70	0.295
10	16QAM	25	25	24.81	0.303	24.80	0.302	24.72	0.296
10	16QAM	50	0	24.81	0.303	24.78	0.301	24.66	0.292
10	64QAM	1	0	24.82	0.303	24.95	0.313	24.90	0.309
10	64QAM	1	25	24.75	0.299	24.80	0.302	24.72	0.296
10	64QAM	1	49	24.68	0.294	24.62	0.290	24.63	0.290
10	64QAM	25	0	24.61	0.289	24.57	0.286	24.51	0.282
10	64QAM	25	12	24.47	0.280	24.51	0.282	24.52	0.283
10	64QAM	25	25	24.30	0.269	24.45	0.279	24.28	0.268
10	64QAM	50	0	24.23	0.265	24.44	0.278	24.29	0.269



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	25.75	0.376	25.79	0.379	25.70	0.372
5	QPSK	1	12	25.73	0.374	25.70	0.372	25.67	0.369
5	QPSK	1	24	25.41	0.348	25.42	0.348	25.43	0.349
5	QPSK	12	0	24.79	0.301	24.78	0.301	24.73	0.297
5	QPSK	12	7	24.88	0.308	24.88	0.308	24.86	0.306
5	QPSK	12	13	24.70	0.295	24.84	0.305	24.80	0.302
5	QPSK	25	0	24.76	0.299	24.74	0.298	24.69	0.294
5	16QAM	1	0	24.99	0.316	24.99	0.316	24.98	0.315
5	16QAM	1	12	24.98	0.315	25.00	0.316	24.86	0.306
5	16QAM	1	24	24.75	0.299	24.82	0.303	24.73	0.297
5	16QAM	12	0	24.73	0.297	24.82	0.303	24.86	0.306
5	16QAM	12	7	24.73	0.297	24.83	0.304	24.79	0.301
5	16QAM	12	13	24.80	0.302	24.79	0.301	24.81	0.303
5	16QAM	25	0	24.77	0.300	24.80	0.302	24.79	0.301
5	64QAM	1	0	24.85	0.305	24.86	0.306	24.80	0.302
5	64QAM	1	12	24.82	0.303	24.87	0.307	24.69	0.294
5	64QAM	1	24	24.73	0.297	24.64	0.291	24.63	0.290
5	64QAM	12	0	24.61	0.289	24.65	0.292	24.47	0.280
5	64QAM	12	7	24.52	0.283	24.58	0.287	24.40	0.275
5	64QAM	12	13	24.30	0.269	24.41	0.276	24.22	0.264
5	64QAM	25	0	24.36	0.273	24.34	0.272	24.31	0.270



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	25.76	0.377	25.80	0.380	25.71	0.372
3	QPSK	1	8	25.72	0.373	25.75	0.376	25.61	0.364
3	QPSK	1	14	25.41	0.348	25.39	0.346	25.41	0.348
3	QPSK	8	0	24.84	0.305	24.77	0.300	24.74	0.298
3	QPSK	8	4	24.91	0.310	24.96	0.313	24.92	0.310
3	QPSK	8	7	24.73	0.297	24.81	0.303	24.71	0.296
3	QPSK	15	0	24.75	0.299	24.85	0.305	24.74	0.298
3	16QAM	1	0	25.00	0.316	25.05	0.320	24.91	0.310
3	16QAM	1	8	24.92	0.310	24.92	0.310	24.92	0.310
3	16QAM	1	14	24.82	0.303	24.89	0.308	24.66	0.292
3	16QAM	8	0	24.73	0.297	24.85	0.305	24.84	0.305
3	16QAM	8	4	24.81	0.303	24.73	0.297	24.70	0.295
3	16QAM	8	7	24.74	0.298	24.80	0.302	24.71	0.296
3	16QAM	15	0	24.77	0.300	24.78	0.301	24.69	0.294
3	64QAM	1	0	24.85	0.305	24.90	0.309	24.86	0.306
3	64QAM	1	8	24.77	0.300	24.79	0.301	24.67	0.293
3	64QAM	1	14	24.72	0.296	24.65	0.292	24.62	0.290
3	64QAM	8	0	24.53	0.284	24.61	0.289	24.45	0.279
3	64QAM	8	4	24.48	0.281	24.52	0.283	24.46	0.279
3	64QAM	8	7	24.31	0.270	24.34	0.272	24.28	0.268
3	64QAM	15	0	24.22	0.264	24.35	0.272	24.22	0.264



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	25.85	0.385	25.83	0.383	25.80	0.380
1.4	QPSK	1	3	25.63	0.366	25.72	0.373	25.69	0.371
1.4	QPSK	1	5	25.41	0.348	25.47	0.352	25.49	0.354
1.4	QPSK	3	0	25.73	0.374	25.75	0.376	25.77	0.378
1.4	QPSK	3	1	25.70	0.372	25.69	0.371	25.64	0.366
1.4	QPSK	3	3	25.35	0.343	25.43	0.349	25.43	0.349
1.4	QPSK	6	0	24.75	0.299	24.84	0.305	24.80	0.302
1.4	16QAM	1	0	24.94	0.312	25.01	0.317	24.96	0.313
1.4	16QAM	1	3	24.90	0.309	25.00	0.316	24.95	0.313
1.4	16QAM	1	5	24.76	0.299	24.78	0.301	24.80	0.302
1.4	16QAM	3	0	24.95	0.313	24.99	0.316	24.93	0.311
1.4	16QAM	3	1	24.88	0.308	24.98	0.315	24.84	0.305
1.4	16QAM	3	3	24.74	0.298	24.86	0.306	24.72	0.296
1.4	16QAM	6	0	24.80	0.302	24.70	0.295	24.74	0.298
1.4	64QAM	1	0	24.89	0.308	24.88	0.308	24.81	0.303
1.4	64QAM	1	3	24.78	0.301	24.85	0.305	24.75	0.299
1.4	64QAM	1	5	24.65	0.292	24.63	0.290	24.54	0.284
1.4	64QAM	3	0	24.81	0.303	24.95	0.313	24.86	0.306
1.4	64QAM	3	1	24.85	0.305	24.89	0.308	24.75	0.299
1.4	64QAM	3	3	24.72	0.296	24.61	0.289	24.64	0.291
1.4	64QAM	6	0	24.27	0.267	24.34	0.272	24.27	0.267



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20050		20175		20300	
Frequency (MHz)				1720		1732.5		1745	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	24.01	0.252	24.09	0.256	23.93	0.247
20	QPSK	1	49	23.93	0.247	23.99	0.251	23.82	0.241
20	QPSK	1	99	23.74	0.237	23.84	0.242	23.76	0.238
20	QPSK	50	0	22.93	0.196	22.95	0.197	22.86	0.193
20	QPSK	50	24	22.82	0.191	22.86	0.193	22.79	0.190
20	QPSK	50	50	22.70	0.186	22.79	0.190	22.71	0.187
20	QPSK	100	0	22.75	0.188	22.80	0.191	22.74	0.188
20	16QAM	1	0	23.12	0.205	23.19	0.208	23.06	0.202
20	16QAM	1	49	23.00	0.200	22.94	0.197	22.96	0.198
20	16QAM	1	99	22.95	0.197	23.03	0.201	22.92	0.196
20	16QAM	50	0	22.93	0.196	23.02	0.200	22.90	0.195
20	16QAM	50	24	22.85	0.193	22.95	0.197	22.84	0.192
20	16QAM	50	50	22.77	0.189	22.84	0.192	22.72	0.187
20	16QAM	100	0	22.78	0.190	22.88	0.194	22.80	0.191
20	64QAM	1	0	23.04	0.201	23.06	0.202	23.05	0.202
20	64QAM	1	49	22.86	0.193	22.97	0.198	22.94	0.197
20	64QAM	1	99	22.90	0.195	22.89	0.195	22.91	0.195
20	64QAM	50	0	22.95	0.197	23.02	0.200	22.94	0.197
20	64QAM	50	24	22.86	0.193	22.94	0.197	22.90	0.195
20	64QAM	50	50	22.81	0.191	22.77	0.189	22.73	0.187
20	64QAM	100	0	22.74	0.188	22.80	0.191	22.75	0.188



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	23.87	0.244	23.95	0.248	23.80	0.240
15	QPSK	1	37	23.78	0.239	23.84	0.242	23.69	0.234
15	QPSK	1	74	23.59	0.229	23.69	0.234	23.63	0.231
15	QPSK	36	0	22.78	0.190	22.80	0.191	22.73	0.187
15	QPSK	36	20	22.67	0.185	22.71	0.187	22.66	0.185
15	QPSK	36	39	22.55	0.180	22.64	0.184	22.58	0.181
15	QPSK	75	0	22.60	0.182	22.65	0.184	22.61	0.182
15	16QAM	1	0	22.97	0.198	23.04	0.201	22.93	0.196
15	16QAM	1	37	22.85	0.193	22.79	0.190	22.83	0.192
15	16QAM	1	74	22.80	0.191	22.88	0.194	22.79	0.190
15	16QAM	36	0	22.83	0.192	22.92	0.196	22.82	0.191
15	16QAM	36	20	22.75	0.188	22.85	0.193	22.76	0.189
15	16QAM	36	39	22.67	0.185	22.74	0.188	22.64	0.184
15	16QAM	75	0	22.68	0.185	22.78	0.190	22.72	0.187
15	64QAM	1	0	22.89	0.195	22.91	0.195	22.92	0.196
15	64QAM	1	37	22.71	0.187	22.82	0.191	22.81	0.191
15	64QAM	1	74	22.75	0.188	22.74	0.188	22.78	0.190
15	64QAM	36	0	22.80	0.191	22.87	0.194	22.81	0.191
15	64QAM	36	20	22.71	0.187	22.79	0.190	22.77	0.189
15	64QAM	36	39	22.66	0.185	22.62	0.183	22.60	0.182
15	64QAM	75	0	22.59	0.182	22.65	0.184	22.62	0.183



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20000		20175		20350	
Frequency (MHz)				1715		1732.5		1750	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	23.93	0.247	24.00	0.251	23.86	0.243
10	QPSK	1	25	23.84	0.242	23.89	0.245	23.75	0.237
10	QPSK	1	49	23.65	0.232	23.75	0.237	23.69	0.234
10	QPSK	25	0	22.87	0.194	22.89	0.195	22.82	0.191
10	QPSK	25	12	22.76	0.189	22.80	0.191	22.75	0.188
10	QPSK	25	25	22.64	0.184	22.73	0.187	22.67	0.185
10	QPSK	50	0	22.69	0.186	22.74	0.188	22.70	0.186
10	16QAM	1	0	23.03	0.201	23.10	0.204	22.99	0.199
10	16QAM	1	25	22.91	0.195	22.85	0.193	22.89	0.195
10	16QAM	1	49	22.86	0.193	22.94	0.197	22.85	0.193
10	16QAM	25	0	22.84	0.192	22.93	0.196	22.83	0.192
10	16QAM	25	12	22.76	0.189	22.86	0.193	22.77	0.189
10	16QAM	25	25	22.68	0.185	22.75	0.188	22.65	0.184
10	16QAM	50	0	22.69	0.186	22.79	0.190	22.73	0.187
10	64QAM	1	0	22.95	0.197	22.97	0.198	22.98	0.199
10	64QAM	1	25	22.77	0.189	22.88	0.194	22.87	0.194
10	64QAM	1	49	22.81	0.191	22.80	0.191	22.84	0.192
10	64QAM	25	0	22.89	0.195	22.96	0.198	22.90	0.195
10	64QAM	25	12	22.80	0.191	22.88	0.194	22.86	0.193
10	64QAM	25	25	22.75	0.188	22.71	0.187	22.69	0.186
10	64QAM	50	0	22.68	0.185	22.74	0.188	22.71	0.187



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				19975		20175		20375	
Frequency (MHz)				1712.5		1732.5		1752.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	23.95	0.248	24.04	0.254	23.88	0.244
5	QPSK	1	12	23.88	0.244	23.92	0.247	23.85	0.243
5	QPSK	1	24	23.68	0.233	23.79	0.239	23.71	0.235
5	QPSK	12	0	22.90	0.195	22.93	0.196	22.84	0.192
5	QPSK	12	7	22.79	0.190	22.84	0.192	22.77	0.189
5	QPSK	12	13	22.67	0.185	22.77	0.189	22.69	0.186
5	QPSK	25	0	22.72	0.187	22.78	0.190	22.72	0.187
5	16QAM	1	0	23.03	0.201	23.11	0.205	22.98	0.199
5	16QAM	1	12	22.91	0.195	22.86	0.193	22.88	0.194
5	16QAM	1	24	22.86	0.193	22.95	0.197	22.84	0.192
5	16QAM	12	0	22.87	0.194	22.97	0.198	22.85	0.193
5	16QAM	12	7	22.79	0.190	22.90	0.195	22.79	0.190
5	16QAM	12	13	22.71	0.187	22.79	0.190	22.67	0.185
5	16QAM	25	0	22.72	0.187	22.83	0.192	22.75	0.188
5	64QAM	1	0	22.95	0.197	22.98	0.199	22.97	0.198
5	64QAM	1	12	22.77	0.189	22.89	0.195	22.86	0.193
5	64QAM	1	24	22.81	0.191	22.81	0.191	22.83	0.192
5	64QAM	12	0	22.87	0.194	22.97	0.198	22.92	0.196
5	64QAM	12	7	22.77	0.189	22.89	0.195	22.88	0.194
5	64QAM	12	13	22.76	0.189	22.74	0.188	22.71	0.187
5	64QAM	25	0	22.68	0.185	22.75	0.188	22.73	0.187



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	23.82	0.241	23.90	0.245	23.79	0.239
3	QPSK	1	8	23.73	0.236	23.81	0.240	23.68	0.233
3	QPSK	1	14	23.55	0.226	23.65	0.232	23.62	0.230
3	QPSK	8	0	22.84	0.192	22.86	0.193	22.82	0.191
3	QPSK	8	4	22.73	0.187	22.77	0.189	22.75	0.188
3	QPSK	8	7	22.61	0.182	22.70	0.186	22.67	0.185
3	QPSK	15	0	22.66	0.185	22.71	0.187	22.70	0.186
3	16QAM	1	0	22.88	0.194	22.95	0.197	22.87	0.194
3	16QAM	1	8	22.76	0.189	22.70	0.186	22.77	0.189
3	16QAM	1	14	22.71	0.187	22.79	0.190	22.73	0.187
3	16QAM	8	0	22.78	0.190	22.87	0.194	22.80	0.191
3	16QAM	8	4	22.70	0.186	22.80	0.191	22.74	0.188
3	16QAM	8	7	22.62	0.183	22.69	0.186	22.62	0.183
3	16QAM	15	0	22.63	0.183	22.73	0.187	22.70	0.186
3	64QAM	1	0	22.88	0.194	22.87	0.194	22.91	0.195
3	64QAM	1	8	22.67	0.185	22.79	0.190	22.80	0.191
3	64QAM	1	14	22.71	0.187	22.70	0.186	22.77	0.189
3	64QAM	8	0	22.82	0.191	22.88	0.194	22.85	0.193
3	64QAM	8	4	22.72	0.187	22.80	0.191	22.81	0.191
3	64QAM	8	7	22.67	0.185	22.63	0.183	22.64	0.184
3	64QAM	15	0	22.60	0.182	22.66	0.185	22.66	0.185



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				19957		20175		20393	
Frequency (MHz)				1710.7		1732.5		1754.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	23.93	0.247	24.01	0.252	23.88	0.244
1.4	QPSK	1	3	23.87	0.244	23.90	0.245	23.79	0.239
1.4	QPSK	1	5	23.66	0.232	23.76	0.238	23.71	0.235
1.4	QPSK	3	0	23.85	0.243	23.87	0.244	23.81	0.240
1.4	QPSK	3	1	23.74	0.237	23.78	0.239	23.74	0.237
1.4	QPSK	3	3	23.62	0.230	23.71	0.235	23.66	0.232
1.4	QPSK	6	0	22.81	0.191	22.86	0.193	22.83	0.192
1.4	16QAM	1	0	23.01	0.200	23.08	0.203	22.98	0.199
1.4	16QAM	1	3	22.89	0.195	22.83	0.192	22.88	0.194
1.4	16QAM	1	5	22.84	0.192	22.92	0.196	22.84	0.192
1.4	16QAM	3	0	22.82	0.191	22.91	0.195	22.82	0.191
1.4	16QAM	3	1	22.74	0.188	22.84	0.192	22.76	0.189
1.4	16QAM	3	3	22.66	0.185	22.73	0.187	22.64	0.184
1.4	16QAM	6	0	22.76	0.189	22.87	0.194	22.81	0.191
1.4	64QAM	1	0	22.93	0.196	22.95	0.197	22.97	0.198
1.4	64QAM	1	3	22.75	0.188	22.86	0.193	22.86	0.193
1.4	64QAM	1	5	22.79	0.190	22.78	0.190	22.83	0.192
1.4	64QAM	3	0	22.84	0.192	22.91	0.195	22.86	0.193
1.4	64QAM	3	1	22.75	0.188	22.83	0.192	22.82	0.191
1.4	64QAM	3	3	22.70	0.186	22.66	0.185	22.65	0.184
1.4	64QAM	6	0	22.80	0.191	22.88	0.194	22.84	0.192



LTE Band 5				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20450		20525		20600	
Frequency (MHz)				829		836.5		844	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	20.01	0.100	20.06	0.101	20.02	0.100
10	QPSK	1	25	19.93	0.098	19.97	0.099	19.95	0.099
10	QPSK	1	49	19.81	0.096	19.85	0.097	19.88	0.097
10	QPSK	25	0	18.83	0.076	19.22	0.084	18.91	0.078
10	QPSK	25	12	18.78	0.076	18.84	0.077	18.86	0.077
10	QPSK	25	25	19.06	0.081	19.09	0.081	19.12	0.082
10	QPSK	50	0	18.97	0.079	19.03	0.080	19.02	0.080
10	16QAM	1	0	19.12	0.082	19.21	0.083	19.19	0.083
10	16QAM	1	25	19.06	0.081	19.12	0.082	19.04	0.080
10	16QAM	1	49	19.01	0.080	19.08	0.081	19.09	0.081
10	16QAM	25	0	19.22	0.084	19.30	0.085	19.26	0.084
10	16QAM	25	12	19.16	0.082	19.25	0.084	19.18	0.083
10	16QAM	25	25	19.07	0.081	19.14	0.082	19.13	0.082
10	16QAM	50	0	19.15	0.082	19.20	0.083	19.22	0.084
10	64QAM	1	0	19.08	0.081	19.19	0.083	19.11	0.081
10	64QAM	1	25	19.00	0.079	19.09	0.081	18.98	0.079
10	64QAM	1	49	18.99	0.079	19.01	0.080	19.06	0.081
10	64QAM	25	0	19.12	0.082	19.19	0.083	19.15	0.082
10	64QAM	25	12	19.02	0.080	19.10	0.081	19.05	0.080
10	64QAM	25	25	19.10	0.081	19.06	0.081	19.11	0.081
10	64QAM	50	0	19.09	0.081	19.13	0.082	19.10	0.081



LTE Band 5				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20425		20525		20625	
Frequency (MHz)				826.5		836.5		846.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	19.95	0.099	20.01	0.100	19.92	0.098
5	QPSK	1	12	19.84	0.096	19.91	0.098	19.82	0.096
5	QPSK	1	24	19.71	0.094	19.83	0.096	19.74	0.094
5	QPSK	12	0	18.71	0.074	18.80	0.076	18.89	0.077
5	QPSK	12	7	18.64	0.073	18.74	0.075	18.78	0.076
5	QPSK	12	13	18.70	0.074	18.71	0.074	18.72	0.074
5	QPSK	25	0	18.58	0.072	18.55	0.072	18.53	0.071
5	16QAM	1	0	19.00	0.079	19.12	0.082	19.11	0.081
5	16QAM	1	12	18.96	0.079	19.06	0.081	18.95	0.079
5	16QAM	1	24	18.99	0.079	18.99	0.079	18.98	0.079
5	16QAM	12	0	19.20	0.083	19.26	0.084	19.19	0.083
5	16QAM	12	7	19.13	0.082	19.18	0.083	19.16	0.082
5	16QAM	12	13	18.99	0.079	19.09	0.081	19.05	0.080
5	16QAM	25	0	19.11	0.081	19.11	0.081	19.19	0.083
5	64QAM	1	0	19.01	0.080	19.16	0.082	19.10	0.081
5	64QAM	1	12	18.97	0.079	18.95	0.079	18.92	0.078
5	64QAM	1	24	18.90	0.078	18.89	0.077	18.93	0.078
5	64QAM	12	0	19.01	0.080	19.12	0.082	19.06	0.081
5	64QAM	12	7	19.00	0.079	19.09	0.081	18.90	0.078
5	64QAM	12	13	19.07	0.081	18.98	0.079	19.00	0.079
5	64QAM	25	0	19.01	0.080	19.11	0.081	19.08	0.081



LTE Band 5				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20415		20525		20635	
Frequency (MHz)				825.5		836.5		847.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	19.91	0.098	20.05	0.101	19.97	0.099
3	QPSK	1	8	19.88	0.097	19.87	0.097	19.85	0.097
3	QPSK	1	14	19.80	0.095	19.71	0.094	19.83	0.096
3	QPSK	8	0	18.79	0.076	18.74	0.075	18.83	0.076
3	QPSK	8	4	18.67	0.074	18.70	0.074	18.79	0.076
3	QPSK	8	7	18.63	0.073	18.70	0.074	18.69	0.074
3	QPSK	15	0	18.57	0.072	18.60	0.072	18.67	0.074
3	16QAM	1	0	19.07	0.081	19.13	0.082	19.08	0.081
3	16QAM	1	8	18.92	0.078	19.09	0.081	19.00	0.079
3	16QAM	1	14	18.88	0.077	18.96	0.079	19.07	0.081
3	16QAM	8	0	19.10	0.081	19.18	0.083	19.22	0.084
3	16QAM	8	4	19.10	0.081	19.12	0.082	19.15	0.082
3	16QAM	8	7	18.99	0.079	19.12	0.082	19.00	0.079
3	16QAM	15	0	19.13	0.082	19.11	0.081	19.10	0.081
3	64QAM	1	0	18.99	0.079	19.13	0.082	18.98	0.079
3	64QAM	1	8	18.96	0.079	18.95	0.079	18.87	0.077
3	64QAM	1	14	18.90	0.078	18.92	0.078	18.98	0.079
3	64QAM	8	0	19.05	0.080	19.14	0.082	19.11	0.081
3	64QAM	8	4	18.92	0.078	18.98	0.079	19.03	0.080
3	64QAM	8	7	18.96	0.079	19.05	0.080	19.08	0.081
3	64QAM	15	0	19.06	0.081	19.11	0.081	19.03	0.080



LTE Band 5				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20407		20525		20643	
Frequency (MHz)				824.7		836.5		848.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	19.95	0.099	20.03	0.101	19.91	0.098
1.4	QPSK	1	3	19.86	0.097	19.94	0.099	19.92	0.098
1.4	QPSK	1	5	19.77	0.095	19.73	0.094	19.77	0.095
1.4	QPSK	3	0	19.77	0.095	19.86	0.097	19.89	0.097
1.4	QPSK	3	1	19.75	0.094	19.70	0.093	19.79	0.095
1.4	QPSK	3	3	19.69	0.093	19.71	0.094	19.67	0.093
1.4	QPSK	6	0	18.82	0.076	18.91	0.078	18.88	0.077
1.4	16QAM	1	0	18.98	0.079	19.13	0.082	19.14	0.082
1.4	16QAM	1	3	18.91	0.078	19.02	0.080	18.93	0.078
1.4	16QAM	1	5	19.24	0.084	19.33	0.086	19.42	0.087
1.4	16QAM	3	0	19.14	0.082	19.17	0.083	19.16	0.082
1.4	16QAM	3	1	19.15	0.082	19.20	0.083	19.13	0.082
1.4	16QAM	3	3	19.06	0.081	19.08	0.081	18.98	0.079
1.4	16QAM	6	0	18.00	0.063	18.17	0.066	18.21	0.066
1.4	64QAM	1	0	19.05	0.080	19.06	0.081	19.02	0.080
1.4	64QAM	1	3	18.88	0.077	19.01	0.080	18.93	0.078
1.4	64QAM	1	5	18.95	0.079	18.96	0.079	18.93	0.078
1.4	64QAM	3	0	19.00	0.079	19.10	0.081	19.01	0.080
1.4	64QAM	3	1	18.95	0.079	19.04	0.080	18.97	0.079
1.4	64QAM	3	3	19.02	0.080	19.02	0.080	19.04	0.080
1.4	64QAM	6	0	19.03	0.080	19.09	0.081	19.01	0.080



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	20.11	0.103	20.14	0.103	20.07	0.102
10	QPSK	1	25	20.03	0.101	20.07	0.102	20.00	0.100
10	QPSK	1	49	19.99	0.100	20.01	0.100	19.98	0.100
10	QPSK	25	0	19.20	0.083	19.23	0.084	19.16	0.082
10	QPSK	25	12	18.89	0.077	18.99	0.079	18.94	0.078
10	QPSK	25	25	19.03	0.080	19.02	0.080	19.18	0.083
10	QPSK	50	0	19.09	0.081	19.18	0.083	19.04	0.080
10	16QAM	1	0	19.32	0.086	19.40	0.087	19.29	0.085
10	16QAM	1	25	19.30	0.085	19.37	0.086	19.24	0.084
10	16QAM	1	49	19.31	0.085	19.35	0.086	19.21	0.083
10	16QAM	25	0	19.04	0.080	19.10	0.081	18.97	0.079
10	16QAM	25	12	19.02	0.080	19.07	0.081	19.01	0.080
10	16QAM	25	25	18.99	0.079	19.03	0.080	18.97	0.079
10	16QAM	50	0	19.03	0.080	19.10	0.081	19.01	0.080
10	64QAM	1	0	19.20	0.083	19.30	0.085	19.16	0.082
10	64QAM	1	25	19.18	0.083	19.22	0.084	19.14	0.082
10	64QAM	1	49	19.16	0.082	19.19	0.083	19.10	0.081
10	64QAM	25	0	19.12	0.082	19.20	0.083	18.94	0.078
10	64QAM	25	12	19.10	0.081	19.11	0.081	18.96	0.079
10	64QAM	25	25	19.01	0.080	19.04	0.080	19.10	0.081
10	64QAM	50	0	19.06	0.081	19.10	0.081	19.16	0.082



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	20.03	0.101	20.06	0.101	19.99	0.100
5	QPSK	1	12	20.02	0.100	20.03	0.101	19.96	0.099
5	QPSK	1	24	19.90	0.098	19.91	0.098	19.91	0.098
5	QPSK	12	0	18.95	0.079	18.87	0.077	19.10	0.081
5	QPSK	12	7	18.80	0.076	18.89	0.077	18.91	0.078
5	QPSK	12	13	18.94	0.078	18.98	0.079	19.14	0.082
5	QPSK	25	0	18.96	0.079	18.99	0.079	18.93	0.078
5	16QAM	1	0	19.21	0.083	19.30	0.085	19.24	0.084
5	16QAM	1	12	19.19	0.083	19.30	0.085	19.20	0.083
5	16QAM	1	24	19.25	0.084	19.20	0.083	19.18	0.083
5	16QAM	12	0	18.93	0.078	19.03	0.080	18.92	0.078
5	16QAM	12	7	18.91	0.078	18.97	0.079	19.00	0.079
5	16QAM	12	13	18.87	0.077	18.89	0.077	18.96	0.079
5	16QAM	25	0	18.94	0.078	19.01	0.080	18.96	0.079
5	64QAM	1	0	19.17	0.083	19.26	0.084	19.08	0.081
5	64QAM	1	12	19.17	0.083	19.21	0.083	19.04	0.080
5	64QAM	1	24	19.04	0.080	19.10	0.081	18.96	0.079
5	64QAM	12	0	19.08	0.081	19.16	0.082	18.80	0.076
5	64QAM	12	7	19.03	0.080	19.07	0.081	18.81	0.076
5	64QAM	12	13	18.99	0.079	18.89	0.077	19.05	0.080
5	64QAM	25	0	19.05	0.080	18.95	0.079	19.01	0.080



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	20.07	0.102	20.01	0.100	19.92	0.098
3	QPSK	1	8	19.95	0.099	19.94	0.099	19.88	0.097
3	QPSK	1	14	19.88	0.097	20.00	0.100	19.91	0.098
3	QPSK	8	0	18.96	0.079	18.88	0.077	19.11	0.081
3	QPSK	8	4	18.84	0.077	18.98	0.079	18.85	0.077
3	QPSK	8	7	18.88	0.077	18.96	0.079	19.11	0.081
3	QPSK	15	0	18.94	0.078	18.90	0.078	18.93	0.078
3	16QAM	1	0	19.28	0.085	19.25	0.084	19.25	0.084
3	16QAM	1	8	19.20	0.083	19.34	0.086	19.22	0.084
3	16QAM	1	14	19.18	0.083	19.31	0.085	19.17	0.083
3	16QAM	8	0	18.94	0.078	19.05	0.080	18.91	0.078
3	16QAM	8	4	18.89	0.077	19.01	0.080	18.96	0.079
3	16QAM	8	7	18.97	0.079	19.00	0.079	18.83	0.076
3	16QAM	15	0	18.89	0.077	19.08	0.081	18.94	0.078
3	64QAM	1	0	19.17	0.083	19.24	0.084	19.15	0.082
3	64QAM	1	8	19.06	0.081	19.21	0.083	19.01	0.080
3	64QAM	1	14	19.03	0.080	19.16	0.082	18.99	0.079
3	64QAM	8	0	19.00	0.079	19.17	0.083	18.90	0.078
3	64QAM	8	4	19.02	0.080	19.05	0.080	18.83	0.076
3	64QAM	8	7	18.93	0.078	18.89	0.077	18.99	0.079
3	64QAM	15	0	18.97	0.079	19.07	0.081	19.09	0.081



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	20.07	0.102	20.10	0.102	20.05	0.101
1.4	QPSK	1	3	19.94	0.099	19.98	0.100	19.99	0.100
1.4	QPSK	1	5	19.96	0.099	19.98	0.100	19.88	0.097
1.4	QPSK	3	0	19.88	0.097	19.95	0.099	20.12	0.103
1.4	QPSK	3	1	19.80	0.095	19.95	0.099	19.91	0.098
1.4	QPSK	3	3	20.02	0.100	19.96	0.099	20.03	0.101
1.4	QPSK	6	0	18.95	0.079	18.97	0.079	18.89	0.077
1.4	16QAM	1	0	19.19	0.083	19.27	0.085	19.25	0.084
1.4	16QAM	1	3	19.15	0.082	19.27	0.085	19.09	0.081
1.4	16QAM	1	5	19.17	0.083	19.34	0.086	19.17	0.083
1.4	16QAM	3	0	18.94	0.078	18.99	0.079	18.94	0.078
1.4	16QAM	3	1	18.91	0.078	19.02	0.080	18.95	0.079
1.4	16QAM	3	3	18.84	0.077	18.95	0.079	18.93	0.078
1.4	16QAM	6	0	18.02	0.063	18.01	0.063	17.93	0.062
1.4	64QAM	1	0	19.17	0.083	19.19	0.083	19.05	0.080
1.4	64QAM	1	3	19.12	0.082	19.18	0.083	19.00	0.079
1.4	64QAM	1	5	19.01	0.080	19.11	0.081	19.03	0.080
1.4	64QAM	3	0	19.09	0.081	19.12	0.082	18.91	0.078
1.4	64QAM	3	1	19.08	0.081	18.99	0.079	18.91	0.078
1.4	64QAM	3	3	19.00	0.079	18.96	0.079	19.09	0.081
1.4	64QAM	6	0	18.99	0.079	19.08	0.081	19.12	0.082



LTE Band 13				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				/		23230		/	
Frequency (MHz)				/		782		/	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	/	/	19.80	0.095	/	/
10	QPSK	1	25	/	/	19.66	0.092	/	/
10	QPSK	1	49	/	/	19.66	0.092	/	/
10	QPSK	25	0	/	/	18.88	0.077	/	/
10	QPSK	25	12	/	/	18.73	0.075	/	/
10	QPSK	25	25	/	/	18.59	0.072	/	/
10	QPSK	50	0	/	/	18.75	0.075	/	/
10	16QAM	1	0	/	/	18.80	0.076	/	/
10	16QAM	1	25	/	/	18.87	0.077	/	/
10	16QAM	1	49	/	/	18.85	0.077	/	/
10	16QAM	25	0	/	/	17.77	0.060	/	/
10	16QAM	25	12	/	/	17.81	0.060	/	/
10	16QAM	25	25	/	/	17.73	0.059	/	/
10	16QAM	50	0	/	/	17.76	0.060	/	/
10	64QAM	1	0	/	/	17.84	0.061	/	/
10	64QAM	1	25	/	/	17.76	0.060	/	/
10	64QAM	1	49	/	/	17.56	0.057	/	/
10	64QAM	25	0	/	/	17.73	0.059	/	/
10	64QAM	25	12	/	/	17.76	0.060	/	/
10	64QAM	25	25	/	/	17.70	0.059	/	/
10	64QAM	50	0	/	/	17.68	0.059	/	/



LTE Band 13				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23205		23230		23255	
Frequency (MHz)				779.5		782		784.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	19.71	0.094	19.77	0.095	19.76	0.095
5	QPSK	1	12	19.64	0.092	19.60	0.091	19.54	0.090
5	QPSK	1	24	19.61	0.091	19.58	0.091	19.60	0.091
5	QPSK	12	0	18.86	0.077	18.85	0.077	18.76	0.075
5	QPSK	12	7	18.68	0.074	18.68	0.074	18.66	0.073
5	QPSK	12	13	18.51	0.071	18.50	0.071	18.52	0.071
5	QPSK	25	0	18.67	0.074	18.69	0.074	18.66	0.073
5	16QAM	1	0	18.71	0.074	18.68	0.074	18.77	0.075
5	16QAM	1	12	18.85	0.077	18.79	0.076	18.84	0.077
5	16QAM	1	24	18.78	0.076	18.74	0.075	18.76	0.075
5	16QAM	12	0	17.71	0.059	17.74	0.059	17.72	0.059
5	16QAM	12	7	17.80	0.060	17.69	0.059	17.72	0.059
5	16QAM	12	13	17.71	0.059	17.61	0.058	17.68	0.059
5	16QAM	25	0	17.67	0.058	17.68	0.059	17.71	0.059
5	64QAM	1	0	17.72	0.059	17.80	0.060	17.78	0.060
5	64QAM	1	12	17.67	0.058	17.64	0.058	17.67	0.058
5	64QAM	1	24	17.92	0.062	18.02	0.063	18.07	0.064
5	64QAM	12	0	17.66	0.058	17.72	0.059	17.70	0.059
5	64QAM	12	7	17.70	0.059	17.74	0.059	17.72	0.059
5	64QAM	12	13	17.61	0.058	17.64	0.058	17.63	0.058
5	64QAM	25	0	17.61	0.058	17.60	0.058	17.61	0.058



LTE Band 25				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26140		26365		26590	
Frequency (MHz)				1860		1882.5		1905	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	24.91	0.310	24.95	0.313	24.90	0.309
20	QPSK	1	49	24.78	0.301	24.90	0.309	24.76	0.299
20	QPSK	1	99	24.64	0.291	24.74	0.298	24.58	0.287
20	QPSK	50	0	24.08	0.256	24.13	0.259	24.05	0.254
20	QPSK	50	24	24.07	0.255	24.09	0.256	24.00	0.251
20	QPSK	50	50	23.91	0.246	23.97	0.249	23.94	0.248
20	QPSK	100	0	23.98	0.250	24.02	0.252	23.90	0.245
20	16QAM	1	0	23.77	0.238	24.03	0.253	23.60	0.229
20	16QAM	1	49	23.98	0.250	24.00	0.251	23.79	0.239
20	16QAM	1	99	23.75	0.237	23.78	0.239	23.68	0.233
20	16QAM	50	0	23.60	0.229	23.64	0.231	23.59	0.229
20	16QAM	50	24	23.78	0.239	23.83	0.242	23.75	0.237
20	16QAM	50	50	23.69	0.234	23.76	0.238	23.72	0.236
20	16QAM	100	0	23.67	0.233	23.70	0.234	23.63	0.231
20	64QAM	1	0	23.81	0.240	23.87	0.244	23.77	0.238
20	64QAM	1	49	23.79	0.239	23.81	0.240	23.70	0.234
20	64QAM	1	99	23.41	0.219	23.45	0.221	23.37	0.217
20	64QAM	50	0	23.81	0.240	23.86	0.243	23.71	0.235
20	64QAM	50	24	23.66	0.232	23.72	0.236	23.64	0.231
20	64QAM	50	50	23.68	0.233	23.79	0.239	23.61	0.230
20	64QAM	100	0	23.67	0.233	23.78	0.239	23.67	0.233



LTE Band 25				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26115		26365		26615	
Frequency (MHz)				1857.5		1882.5		1907.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	24.76	0.299	24.93	0.311	24.89	0.308
15	QPSK	1	37	24.71	0.296	24.78	0.301	24.75	0.299
15	QPSK	1	74	24.57	0.286	24.68	0.294	24.54	0.284
15	QPSK	36	0	23.72	0.236	23.81	0.240	23.80	0.240
15	QPSK	36	20	23.72	0.236	23.72	0.236	23.69	0.234
15	QPSK	36	39	23.65	0.232	23.61	0.230	23.66	0.232
15	QPSK	75	0	23.67	0.233	23.69	0.234	23.52	0.225
15	16QAM	1	0	23.59	0.229	23.96	0.249	23.54	0.226
15	16QAM	1	37	23.87	0.244	23.85	0.243	23.63	0.231
15	16QAM	1	74	23.71	0.235	23.72	0.236	23.57	0.228
15	16QAM	36	0	23.43	0.220	23.57	0.228	23.53	0.225
15	16QAM	36	20	23.92	0.247	24.04	0.254	23.97	0.249
15	16QAM	36	39	23.66	0.232	23.71	0.235	23.66	0.232
15	16QAM	75	0	23.56	0.227	23.60	0.229	23.51	0.224
15	64QAM	1	0	23.73	0.236	23.85	0.243	23.69	0.234
15	64QAM	1	37	23.70	0.234	23.74	0.237	23.64	0.231
15	64QAM	1	74	23.48	0.223	23.45	0.221	23.56	0.227
15	64QAM	36	0	23.76	0.238	23.84	0.242	23.61	0.230
15	64QAM	36	20	23.60	0.229	23.58	0.228	23.53	0.225
15	64QAM	36	39	23.66	0.232	23.69	0.234	23.57	0.228
15	64QAM	75	0	23.59	0.229	23.65	0.232	23.52	0.225



LTE Band 25				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26090		26365		26640	
Frequency (MHz)				1855		1882.5		1910	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	24.79	0.301	24.84	0.305	24.84	0.305
10	QPSK	1	25	24.66	0.292	24.84	0.305	24.62	0.290
10	QPSK	1	49	24.55	0.285	24.68	0.294	24.50	0.282
10	QPSK	25	0	23.78	0.239	23.88	0.244	23.67	0.233
10	QPSK	25	12	23.79	0.239	23.81	0.240	23.65	0.232
10	QPSK	25	25	23.56	0.227	23.65	0.232	23.65	0.232
10	QPSK	50	0	23.71	0.235	23.69	0.234	23.54	0.226
10	16QAM	1	0	23.64	0.231	23.87	0.244	23.54	0.226
10	16QAM	1	25	23.88	0.244	23.92	0.247	23.66	0.232
10	16QAM	1	49	23.67	0.233	23.64	0.231	23.52	0.225
10	16QAM	25	0	23.74	0.237	23.72	0.236	23.72	0.236
10	16QAM	25	12	23.68	0.233	23.77	0.238	23.63	0.231
10	16QAM	25	25	23.65	0.232	23.70	0.234	23.57	0.228
10	16QAM	50	0	23.55	0.226	23.58	0.228	23.51	0.224
10	64QAM	1	0	23.77	0.238	23.76	0.238	23.67	0.233
10	64QAM	1	25	23.65	0.232	23.80	0.240	23.66	0.232
10	64QAM	1	49	23.30	0.214	23.32	0.215	23.36	0.217
10	64QAM	25	0	23.76	0.238	23.71	0.235	23.56	0.227
10	64QAM	25	12	23.64	0.231	23.68	0.233	23.52	0.225
10	64QAM	25	25	23.60	0.229	23.71	0.235	23.53	0.225
10	64QAM	50	0	23.63	0.231	23.67	0.233	23.56	0.227



LTE Band 25				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26065		26365		26665	
Frequency (MHz)				1852.5		1882.5		1912.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	24.77	0.300	24.82	0.303	24.89	0.308
5	QPSK	1	12	24.73	0.297	24.82	0.303	24.71	0.296
5	QPSK	1	24	24.53	0.284	24.73	0.297	24.51	0.282
5	QPSK	12	0	24.03	0.253	24.03	0.253	23.90	0.245
5	QPSK	12	7	23.77	0.238	23.73	0.236	23.62	0.230
5	QPSK	12	13	23.61	0.230	23.63	0.231	23.68	0.233
5	QPSK	25	0	23.66	0.232	23.66	0.232	23.51	0.224
5	16QAM	1	0	23.94	0.248	24.11	0.258	24.02	0.252
5	16QAM	1	12	24.10	0.257	24.17	0.261	23.91	0.246
5	16QAM	1	24	23.87	0.244	23.89	0.245	23.80	0.240
5	16QAM	12	0	23.74	0.237	23.84	0.242	23.79	0.239
5	16QAM	12	7	23.75	0.237	23.78	0.239	23.60	0.229
5	16QAM	12	13	23.60	0.229	23.63	0.231	23.59	0.229
5	16QAM	25	0	23.53	0.225	23.59	0.229	23.51	0.224
5	64QAM	1	0	23.69	0.234	23.79	0.239	23.66	0.232
5	64QAM	1	12	23.64	0.231	23.70	0.234	23.58	0.228
5	64QAM	1	24	23.32	0.215	23.32	0.215	23.36	0.217
5	64QAM	12	0	23.72	0.236	23.73	0.236	23.65	0.232
5	64QAM	12	7	23.57	0.228	23.66	0.232	23.52	0.225
5	64QAM	12	13	23.62	0.230	23.64	0.231	23.52	0.225
5	64QAM	25	0	23.60	0.229	23.66	0.232	23.58	0.228



LTE Band 25				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26055		26365		26675	
Frequency (MHz)				1851.5		1882.5		1913.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	24.79	0.301	24.80	0.302	24.81	0.303
3	QPSK	1	8	24.63	0.290	24.75	0.299	24.69	0.294
3	QPSK	1	14	24.52	0.283	24.65	0.292	24.48	0.281
3	QPSK	8	0	23.79	0.239	23.84	0.242	23.71	0.235
3	QPSK	8	4	23.70	0.234	23.76	0.238	23.62	0.230
3	QPSK	8	7	23.60	0.229	23.69	0.234	23.65	0.232
3	QPSK	15	0	23.38	0.218	23.47	0.222	23.34	0.216
3	16QAM	1	0	23.71	0.235	23.94	0.248	23.52	0.225
3	16QAM	1	8	23.89	0.245	23.88	0.244	23.63	0.231
3	16QAM	1	14	23.66	0.232	23.74	0.237	23.64	0.231
3	16QAM	8	0	23.50	0.224	23.59	0.229	23.50	0.224
3	16QAM	8	4	23.46	0.222	23.56	0.227	23.37	0.217
3	16QAM	8	7	23.44	0.221	23.48	0.223	23.47	0.222
3	16QAM	15	0	23.32	0.215	23.43	0.220	23.24	0.211
3	64QAM	1	0	23.79	0.239	23.77	0.238	23.69	0.234
3	64QAM	1	8	23.70	0.234	23.75	0.237	23.58	0.228
3	64QAM	1	14	23.37	0.217	23.36	0.217	23.34	0.216
3	64QAM	8	0	23.71	0.235	23.79	0.239	23.61	0.230
3	64QAM	8	4	23.53	0.225	23.64	0.231	23.49	0.223
3	64QAM	8	7	23.59	0.229	23.65	0.232	23.53	0.225
3	64QAM	15	0	23.61	0.230	23.71	0.235	23.63	0.231



LTE Band 25				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26047		26365		26683	
Frequency (MHz)				1850.7		1882.5		1914.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	24.76	0.299	24.86	0.306	24.85	0.305
1.4	QPSK	1	3	24.69	0.294	24.87	0.307	24.74	0.298
1.4	QPSK	1	5	24.61	0.289	24.71	0.296	24.57	0.286
1.4	QPSK	3	0	24.83	0.304	24.82	0.303	24.82	0.303
1.4	QPSK	3	1	24.78	0.301	24.82	0.303	24.74	0.298
1.4	QPSK	3	3	24.43	0.277	24.40	0.275	24.34	0.272
1.4	QPSK	6	0	23.73	0.236	23.73	0.236	23.54	0.226
1.4	16QAM	1	0	23.63	0.231	23.93	0.247	23.56	0.227
1.4	16QAM	1	3	23.89	0.245	23.94	0.248	23.71	0.235
1.4	16QAM	1	5	23.58	0.228	23.72	0.236	23.55	0.226
1.4	16QAM	3	0	23.56	0.227	23.58	0.228	23.41	0.219
1.4	16QAM	3	1	23.65	0.232	23.82	0.241	23.64	0.231
1.4	16QAM	3	3	23.58	0.228	23.65	0.232	23.59	0.229
1.4	16QAM	6	0	23.64	0.231	23.57	0.228	23.59	0.229
1.4	64QAM	1	0	23.74	0.237	23.82	0.241	23.63	0.231
1.4	64QAM	1	3	23.68	0.233	23.68	0.233	23.60	0.229
1.4	64QAM	1	5	23.59	0.229	23.35	0.216	23.34	0.216
1.4	64QAM	3	0	23.70	0.234	23.75	0.237	23.67	0.233
1.4	64QAM	3	1	23.61	0.230	23.59	0.229	23.60	0.229
1.4	64QAM	3	3	23.66	0.232	23.73	0.236	23.64	0.231
1.4	64QAM	6	0	23.66	0.232	23.76	0.238	23.65	0.232



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	20.58	0.114	20.60	0.115	20.52	0.113
15	QPSK	1	37	20.48	0.112	20.52	0.113	20.46	0.111
15	QPSK	1	74	20.36	0.109	20.48	0.112	20.45	0.111
15	QPSK	36	0	19.63	0.092	19.64	0.092	19.60	0.091
15	QPSK	36	20	19.45	0.088	19.49	0.089	19.42	0.087
15	QPSK	36	39	19.28	0.085	19.40	0.087	19.34	0.086
15	QPSK	75	0	19.49	0.089	19.54	0.090	19.50	0.089
15	16QAM	1	0	19.60	0.091	19.66	0.092	19.58	0.091
15	16QAM	1	37	19.55	0.090	19.56	0.090	19.34	0.086
15	16QAM	1	74	19.49	0.089	19.51	0.089	19.43	0.088
15	16QAM	36	0	19.18	0.083	19.29	0.085	19.12	0.082
15	16QAM	36	20	19.24	0.084	19.34	0.086	19.20	0.083
15	16QAM	36	39	19.09	0.081	19.17	0.083	19.09	0.081
15	16QAM	75	0	19.11	0.081	19.23	0.084	19.12	0.082
15	64QAM	1	0	19.57	0.091	19.60	0.091	19.50	0.089
15	64QAM	1	37	19.49	0.089	19.54	0.090	19.44	0.088
15	64QAM	1	74	19.51	0.089	19.62	0.092	19.53	0.090
15	64QAM	36	0	19.15	0.082	19.18	0.083	19.06	0.081
15	64QAM	36	20	19.06	0.081	19.10	0.081	19.01	0.080
15	64QAM	36	39	18.95	0.079	18.99	0.079	18.91	0.078
15	64QAM	75	0	18.94	0.078	18.99	0.079	18.92	0.078



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	20.34	0.108	20.36	0.109	20.41	0.110
10	QPSK	1	25	20.38	0.109	20.37	0.109	20.43	0.110
10	QPSK	1	49	20.32	0.108	20.27	0.106	20.39	0.109
10	QPSK	25	0	19.50	0.089	19.48	0.089	19.52	0.090
10	QPSK	25	12	19.21	0.083	19.24	0.084	19.28	0.085
10	QPSK	25	25	18.96	0.079	18.95	0.079	18.98	0.079
10	QPSK	50	0	19.19	0.083	19.22	0.084	19.23	0.084
10	16QAM	1	0	19.41	0.087	19.35	0.086	19.43	0.088
10	16QAM	1	25	19.20	0.083	19.15	0.082	19.27	0.085
10	16QAM	1	49	19.36	0.086	19.37	0.086	19.42	0.087
10	16QAM	25	0	19.21	0.083	19.22	0.084	19.25	0.084
10	16QAM	25	12	19.11	0.081	19.10	0.081	19.14	0.082
10	16QAM	25	25	18.99	0.079	18.99	0.079	19.00	0.079
10	16QAM	50	0	18.96	0.079	18.99	0.079	19.00	0.079
10	64QAM	1	0	19.25	0.084	19.33	0.086	19.35	0.086
10	64QAM	1	25	19.20	0.083	19.24	0.084	19.31	0.085
10	64QAM	1	49	19.41	0.087	19.40	0.087	19.45	0.088
10	64QAM	25	0	18.93	0.078	18.99	0.079	19.02	0.080
10	64QAM	25	12	18.78	0.076	18.84	0.077	18.88	0.077
10	64QAM	25	25	18.80	0.076	18.81	0.076	18.87	0.077
10	64QAM	50	0	18.77	0.075	18.71	0.074	18.80	0.076



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	20.39	0.109	20.33	0.108	20.40	0.110
5	QPSK	1	12	20.31	0.107	20.25	0.106	20.34	0.108
5	QPSK	1	24	20.25	0.106	20.32	0.108	20.36	0.109
5	QPSK	12	0	19.48	0.089	19.39	0.087	19.50	0.089
5	QPSK	12	7	19.23	0.084	19.17	0.083	19.27	0.085
5	QPSK	12	13	18.93	0.078	19.00	0.079	19.04	0.080
5	QPSK	25	0	19.13	0.082	19.21	0.083	19.23	0.084
5	16QAM	1	0	19.42	0.087	19.42	0.087	19.51	0.089
5	16QAM	1	12	19.16	0.082	19.08	0.081	19.20	0.083
5	16QAM	1	24	19.34	0.086	19.38	0.087	19.42	0.087
5	16QAM	12	0	19.21	0.083	19.24	0.084	19.25	0.084
5	16QAM	12	7	19.07	0.081	19.06	0.081	19.08	0.081
5	16QAM	12	13	18.97	0.079	18.99	0.079	19.02	0.080
5	16QAM	25	0	19.07	0.081	18.99	0.079	19.08	0.081
5	64QAM	1	0	19.44	0.088	19.39	0.087	19.48	0.089
5	64QAM	1	12	19.32	0.086	19.34	0.086	19.42	0.087
5	64QAM	1	24	19.39	0.087	19.33	0.086	19.45	0.088
5	64QAM	12	0	19.02	0.080	18.96	0.079	19.03	0.080
5	64QAM	12	7	18.90	0.078	18.85	0.077	18.93	0.078
5	64QAM	12	13	18.86	0.077	18.88	0.077	18.89	0.077
5	64QAM	25	0	18.79	0.076	18.87	0.077	18.88	0.077



LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26805		26915		27025	
Frequency (MHz)				825.5		836.5		847.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	20.31	0.107	20.32	0.108	20.39	0.109
3	QPSK	1	8	20.30	0.107	20.23	0.105	20.35	0.108
3	QPSK	1	14	20.33	0.108	20.29	0.107	20.37	0.109
3	QPSK	8	0	19.47	0.089	19.40	0.087	19.49	0.089
3	QPSK	8	4	19.31	0.085	19.39	0.087	19.41	0.087
3	QPSK	8	7	19.06	0.081	18.97	0.079	19.07	0.081
3	QPSK	15	0	19.23	0.084	19.19	0.083	19.24	0.084
3	16QAM	1	0	19.40	0.087	19.41	0.087	19.43	0.088
3	16QAM	1	8	19.24	0.084	19.20	0.083	19.29	0.085
3	16QAM	1	14	19.39	0.087	19.32	0.086	19.40	0.087
3	16QAM	8	0	19.19	0.083	19.19	0.083	19.28	0.085
3	16QAM	8	4	19.01	0.080	18.94	0.078	19.05	0.080
3	16QAM	8	7	18.96	0.079	19.07	0.081	19.08	0.081
3	16QAM	15	0	19.02	0.080	18.99	0.079	19.09	0.081
3	64QAM	1	0	19.30	0.085	19.27	0.085	19.37	0.086
3	64QAM	1	8	19.25	0.084	19.32	0.086	19.33	0.086
3	64QAM	1	14	19.48	0.089	19.46	0.088	19.51	0.089
3	64QAM	8	0	18.90	0.078	18.91	0.078	19.00	0.079
3	64QAM	8	4	18.95	0.079	18.95	0.079	18.99	0.079
3	64QAM	8	7	18.83	0.076	18.86	0.077	18.90	0.078
3	64QAM	15	0	18.73	0.075	18.74	0.075	18.77	0.075



LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26797		26915		27033	
Frequency (MHz)				824.7		836.5		848.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	20.45	0.111	20.42	0.110	20.47	0.111
1.4	QPSK	1	3	20.26	0.106	20.24	0.106	20.34	0.108
1.4	QPSK	1	5	20.40	0.110	20.33	0.108	20.41	0.110
1.4	QPSK	3	0	20.40	0.110	20.41	0.110	20.48	0.112
1.4	QPSK	3	1	20.34	0.108	20.31	0.107	20.36	0.109
1.4	QPSK	3	3	20.19	0.104	20.25	0.106	20.31	0.107
1.4	QPSK	6	0	19.14	0.082	19.13	0.082	19.20	0.083
1.4	16QAM	1	0	19.50	0.089	19.46	0.088	19.55	0.090
1.4	16QAM	1	3	19.19	0.083	19.20	0.083	19.26	0.084
1.4	16QAM	1	5	19.20	0.083	19.27	0.085	19.29	0.085
1.4	16QAM	3	0	19.28	0.085	19.24	0.084	19.32	0.086
1.4	16QAM	3	1	18.99	0.079	19.02	0.080	19.08	0.081
1.4	16QAM	3	3	19.22	0.084	19.31	0.085	19.34	0.086
1.4	16QAM	6	0	19.01	0.080	19.05	0.080	19.09	0.081
1.4	64QAM	1	0	19.38	0.087	19.44	0.088	19.47	0.089
1.4	64QAM	1	3	19.37	0.086	19.30	0.085	19.39	0.087
1.4	64QAM	1	5	19.34	0.086	19.37	0.086	19.38	0.087
1.4	64QAM	3	0	19.15	0.082	19.15	0.082	19.27	0.085
1.4	64QAM	3	1	19.21	0.083	19.17	0.083	19.24	0.084
1.4	64QAM	3	3	19.06	0.081	18.98	0.079	19.10	0.081
1.4	64QAM	6	0	18.74	0.075	18.72	0.074	18.83	0.076



LTE Band 41 (Power Class 2)				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39750		40620		41490	
Frequency (MHz)				2506		2593		2680	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	30.76	1.191	31.00	1.259	30.74	1.186
20	QPSK	1	49	30.66	1.164	30.87	1.222	30.45	1.109
20	QPSK	1	99	30.77	1.194	30.88	1.225	30.36	1.086
20	QPSK	50	0	29.87	0.971	29.98	0.995	29.83	0.962
20	QPSK	50	24	29.56	0.904	29.82	0.959	29.52	0.895
20	QPSK	50	50	29.62	0.916	29.77	0.948	29.61	0.914
20	QPSK	100	0	29.77	0.948	29.83	0.962	29.55	0.902
20	16QAM	1	0	29.49	0.889	29.81	0.957	29.80	0.955
20	16QAM	1	49	29.80	0.955	29.78	0.951	29.52	0.895
20	16QAM	1	99	29.91	0.979	29.52	0.895	29.71	0.935
20	16QAM	50	0	29.41	0.873	29.63	0.918	29.53	0.897
20	16QAM	50	24	29.37	0.865	29.53	0.897	29.49	0.889
20	16QAM	50	50	29.33	0.857	29.49	0.889	29.40	0.871
20	16QAM	100	0	29.74	0.942	29.46	0.883	29.43	0.877
20	64QAM	1	0	29.90	0.977	30.08	1.019	29.84	0.964
20	64QAM	1	49	29.97	0.993	30.03	1.007	29.76	0.946
20	64QAM	1	99	30.03	1.007	30.05	1.012	29.51	0.893
20	64QAM	50	0	29.50	0.891	29.77	0.948	29.55	0.902
20	64QAM	50	24	29.72	0.938	29.74	0.942	29.42	0.875
20	64QAM	50	50	29.69	0.931	29.75	0.944	29.34	0.859
20	64QAM	100	0	29.67	0.927	29.74	0.942	29.47	0.885



LTE Band 41 (Power Class 2)				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39725		40620		41515	
Frequency (MHz)				2503.5		2593		2682.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	30.71	1.178	30.91	1.233	30.64	1.159
15	QPSK	1	37	30.52	1.127	30.75	1.189	30.38	1.091
15	QPSK	1	74	30.63	1.156	30.84	1.213	30.23	1.054
15	QPSK	36	0	29.83	0.962	29.91	0.979	29.73	0.940
15	QPSK	36	20	29.74	0.942	30.02	1.005	29.68	0.929
15	QPSK	36	39	29.75	0.944	29.90	0.977	29.78	0.951
15	QPSK	75	0	29.90	0.977	29.85	0.966	29.74	0.942
15	16QAM	1	0	29.57	0.906	30.01	1.002	29.88	0.973
15	16QAM	1	37	29.98	0.995	29.96	0.991	29.58	0.908
15	16QAM	1	74	29.90	0.977	29.41	0.873	29.57	0.906
15	16QAM	36	0	29.35	0.861	29.56	0.904	29.44	0.879
15	16QAM	36	20	29.27	0.845	29.44	0.879	29.41	0.873
15	16QAM	36	39	29.18	0.828	29.45	0.881	29.28	0.847
15	16QAM	75	0	29.68	0.929	29.40	0.871	29.38	0.867
15	64QAM	1	0	29.79	0.953	30.07	1.016	29.77	0.948
15	64QAM	1	37	29.88	0.973	29.96	0.991	29.72	0.938
15	64QAM	1	74	29.89	0.975	30.02	1.005	29.36	0.863
15	64QAM	36	0	29.49	0.889	29.62	0.916	29.45	0.881
15	64QAM	36	20	29.61	0.914	29.67	0.927	29.36	0.863
15	64QAM	36	39	29.62	0.916	29.74	0.942	29.33	0.857
15	64QAM	75	0	29.58	0.908	29.60	0.912	29.38	0.867



LTE Band 41 (Power Class 2)				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39700		40620		41540	
Frequency (MHz)				2501		2593		2685	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	30.64	1.159	30.95	1.245	30.73	1.183
10	QPSK	1	25	30.51	1.125	30.72	1.180	30.33	1.079
10	QPSK	1	49	30.64	1.159	30.79	1.199	30.22	1.052
10	QPSK	25	0	29.75	0.944	29.90	0.977	29.70	0.933
10	QPSK	25	12	29.65	0.923	29.98	0.995	29.63	0.918
10	QPSK	25	25	29.80	0.955	29.96	0.991	29.80	0.955
10	QPSK	50	0	29.85	0.966	29.92	0.982	29.67	0.927
10	16QAM	1	0	29.58	0.908	29.87	0.971	29.86	0.968
10	16QAM	1	25	29.89	0.975	29.94	0.986	29.60	0.912
10	16QAM	1	49	29.86	0.968	29.38	0.867	29.59	0.910
10	16QAM	25	0	29.26	0.843	29.50	0.891	29.50	0.891
10	16QAM	25	12	29.23	0.838	29.45	0.881	29.36	0.863
10	16QAM	25	25	29.27	0.845	29.41	0.873	29.36	0.863
10	16QAM	50	0	29.60	0.912	29.44	0.879	29.42	0.875
10	64QAM	1	0	29.82	0.959	30.01	1.002	29.82	0.959
10	64QAM	1	25	29.85	0.966	30.01	1.002	29.75	0.944
10	64QAM	1	49	29.94	0.986	30.03	1.007	29.40	0.871
10	64QAM	25	0	29.36	0.863	29.68	0.929	29.50	0.891
10	64QAM	25	12	29.59	0.910	29.66	0.925	29.30	0.851
10	64QAM	25	25	29.56	0.904	29.74	0.942	29.31	0.853
10	64QAM	50	0	29.57	0.906	29.60	0.912	29.40	0.871



LTE Band 41 (Power Class 2)				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39675		40620		41565	
Frequency (MHz)				2498.5		2593		2687.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	30.61	1.151	30.92	1.236	30.65	1.161
5	QPSK	1	12	30.65	1.161	30.84	1.213	30.39	1.094
5	QPSK	1	24	30.67	1.167	30.87	1.222	30.25	1.059
5	QPSK	12	0	29.84	0.964	29.87	0.971	29.74	0.942
5	QPSK	12	7	29.72	0.938	29.92	0.982	29.66	0.925
5	QPSK	12	13	29.69	0.931	29.86	0.968	29.74	0.942
5	QPSK	25	0	29.83	0.962	29.83	0.962	29.74	0.942
5	16QAM	1	0	29.65	0.923	30.00	1.000	29.88	0.973
5	16QAM	1	12	29.96	0.991	29.90	0.977	29.71	0.935
5	16QAM	1	24	29.82	0.959	29.50	0.891	29.65	0.923
5	16QAM	12	0	29.27	0.845	29.48	0.887	29.39	0.869
5	16QAM	12	7	29.23	0.838	29.45	0.881	29.42	0.875
5	16QAM	12	13	29.30	0.851	29.37	0.865	29.33	0.857
5	16QAM	25	0	29.66	0.925	29.59	0.910	29.51	0.893
5	64QAM	1	0	29.85	0.966	30.07	1.016	29.77	0.948
5	64QAM	1	12	29.91	0.979	29.93	0.984	29.66	0.925
5	64QAM	1	24	29.97	0.993	30.01	1.002	29.47	0.885
5	64QAM	12	0	29.35	0.861	29.73	0.940	29.40	0.871
5	64QAM	12	7	29.64	0.920	29.72	0.938	29.33	0.857
5	64QAM	12	13	29.67	0.927	29.60	0.912	29.33	0.857
5	64QAM	25	0	29.64	0.920	29.64	0.920	29.43	0.877



LTE Band 41 (Power Class 3)				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39750		40620		41490	
Frequency (MHz)				2506		2593		2680	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	28.80	0.759	28.94	0.783	28.89	0.774
20	QPSK	1	49	28.47	0.703	28.85	0.767	28.49	0.706
20	QPSK	1	99	28.43	0.697	28.63	0.729	28.34	0.682
20	QPSK	50	0	27.80	0.603	27.92	0.619	27.83	0.607
20	QPSK	50	24	27.75	0.596	27.72	0.592	27.49	0.561
20	QPSK	50	50	27.61	0.577	27.79	0.601	27.48	0.560
20	QPSK	100	0	27.79	0.601	27.88	0.614	27.78	0.600
20	16QAM	1	0	27.60	0.575	27.82	0.605	27.57	0.571
20	16QAM	1	49	27.66	0.583	27.76	0.597	27.39	0.548
20	16QAM	1	99	27.63	0.579	27.56	0.570	27.16	0.520
20	16QAM	50	0	27.43	0.553	27.56	0.570	27.16	0.520
20	16QAM	50	24	27.39	0.548	27.34	0.542	27.13	0.516
20	16QAM	50	50	27.45	0.556	27.29	0.536	27.02	0.504
20	16QAM	100	0	27.27	0.533	27.37	0.546	27.13	0.516
20	64QAM	1	0	27.59	0.574	27.74	0.594	27.54	0.568
20	64QAM	1	49	27.38	0.547	27.63	0.579	27.47	0.558
20	64QAM	1	99	27.29	0.536	27.48	0.560	27.32	0.540
20	64QAM	50	0	27.27	0.533	27.52	0.565	27.10	0.513
20	64QAM	50	24	27.24	0.530	27.45	0.556	27.18	0.522
20	64QAM	50	50	27.17	0.521	27.32	0.540	27.05	0.507
20	64QAM	100	0	27.00	0.501	27.22	0.527	27.07	0.509



LTE Band 41 (Power Class 3)				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39725		40620		41515	
Frequency (MHz)				2503.5		2593		2682.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	29.63	0.918	28.81	0.760	28.54	0.714
15	QPSK	1	37	28.34	0.682	28.50	0.708	28.36	0.685
15	QPSK	1	74	28.32	0.679	28.50	0.708	28.30	0.676
15	QPSK	36	0	27.67	0.585	27.79	0.601	27.50	0.562
15	QPSK	36	20	27.62	0.578	27.59	0.574	27.46	0.557
15	QPSK	36	39	27.78	0.600	27.66	0.583	27.35	0.543
15	QPSK	75	0	27.59	0.574	27.61	0.577	27.30	0.537
15	16QAM	1	0	27.43	0.553	27.67	0.585	27.48	0.560
15	16QAM	1	37	27.87	0.612	27.63	0.579	27.30	0.537
15	16QAM	1	74	27.54	0.568	27.47	0.558	27.33	0.541
15	16QAM	36	0	27.23	0.528	27.45	0.556	27.16	0.520
15	16QAM	36	20	27.28	0.535	27.23	0.528	27.02	0.504
15	16QAM	36	39	27.24	0.530	27.18	0.522	27.05	0.507
15	16QAM	75	0	27.07	0.509	27.11	0.514	26.97	0.498
15	64QAM	1	0	27.56	0.570	27.73	0.593	27.61	0.577
15	64QAM	1	37	27.25	0.531	27.35	0.543	27.36	0.545
15	64QAM	1	74	27.44	0.555	27.35	0.543	27.29	0.536
15	64QAM	36	0	27.34	0.542	27.46	0.557	27.07	0.509
15	64QAM	36	20	27.31	0.538	27.12	0.515	26.85	0.484
15	64QAM	36	39	27.14	0.518	27.19	0.524	26.92	0.492
15	64QAM	75	0	26.97	0.498	27.27	0.533	27.04	0.506



LTE Band 41 (Power Class 3)				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39700		40620		41540	
Frequency (MHz)				2501		2593		2685	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	28.58	0.721	28.85	0.767	28.53	0.713
10	QPSK	1	25	28.38	0.689	28.73	0.746	28.41	0.693
10	QPSK	1	49	28.34	0.682	28.54	0.714	28.30	0.676
10	QPSK	25	0	27.71	0.590	27.58	0.573	27.44	0.555
10	QPSK	25	12	27.66	0.583	27.63	0.579	27.40	0.550
10	QPSK	25	25	27.82	0.605	27.70	0.589	27.39	0.548
10	QPSK	50	0	27.85	0.610	27.65	0.582	27.39	0.548
10	16QAM	1	0	27.51	0.564	27.87	0.612	27.48	0.560
10	16QAM	1	25	27.57	0.571	27.57	0.571	27.30	0.537
10	16QAM	1	49	27.54	0.568	27.47	0.558	27.27	0.533
10	16QAM	25	0	27.34	0.542	27.47	0.558	27.27	0.533
10	16QAM	25	12	27.30	0.537	27.25	0.531	27.04	0.506
10	16QAM	25	25	27.36	0.545	27.20	0.525	27.03	0.505
10	16QAM	50	0	27.00	0.501	27.28	0.535	26.95	0.495
10	64QAM	1	0	27.36	0.545	27.72	0.592	27.47	0.558
10	64QAM	1	25	27.29	0.536	27.39	0.548	27.28	0.535
10	64QAM	1	49	26.81	0.480	27.94	0.622	27.73	0.593
10	64QAM	25	0	27.08	0.511	27.30	0.537	27.01	0.502
10	64QAM	25	12	27.25	0.531	27.16	0.520	26.99	0.500
10	64QAM	25	25	27.18	0.522	27.23	0.528	26.96	0.497
10	64QAM	50	0	27.01	0.502	27.31	0.538	27.08	0.511



LTE Band 41 (Power Class 3)				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39675		40620		41565	
Frequency (MHz)				2498.5		2593		2687.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	28.50	0.708	28.79	0.757	28.48	0.705
5	QPSK	1	12	28.36	0.685	28.65	0.733	28.34	0.682
5	QPSK	1	24	28.28	0.673	28.68	0.738	28.29	0.675
5	QPSK	12	0	27.65	0.582	27.82	0.605	27.38	0.547
5	QPSK	12	7	27.60	0.575	27.57	0.571	27.34	0.542
5	QPSK	12	13	27.76	0.597	27.64	0.581	27.33	0.541
5	QPSK	25	0	27.79	0.601	27.59	0.574	27.33	0.541
5	16QAM	1	0	27.60	0.575	27.72	0.592	27.57	0.571
5	16QAM	1	12	27.66	0.583	27.66	0.583	27.39	0.548
5	16QAM	1	24	27.63	0.579	27.53	0.566	27.27	0.533
5	16QAM	12	0	27.13	0.516	27.54	0.568	27.16	0.520
5	16QAM	12	7	27.19	0.524	27.42	0.552	27.13	0.516
5	16QAM	12	13	27.05	0.507	27.29	0.536	27.02	0.504
5	16QAM	25	0	27.09	0.512	27.37	0.546	27.13	0.516
5	64QAM	1	0	27.59	0.574	27.67	0.585	27.51	0.564
5	64QAM	1	12	27.38	0.547	27.48	0.560	27.40	0.550
5	64QAM	1	24	27.45	0.556	27.48	0.560	27.29	0.536
5	64QAM	12	0	27.27	0.533	27.39	0.548	27.10	0.513
5	64QAM	12	7	27.19	0.524	27.25	0.531	26.98	0.499
5	64QAM	12	13	27.22	0.527	27.32	0.540	26.95	0.495
5	64QAM	25	0	27.13	0.516	27.20	0.525	27.17	0.521



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	23.13	0.206	23.16	0.207	23.07	0.203
20	QPSK	1	49	23.04	0.201	23.07	0.203	23.00	0.200
20	QPSK	1	99	23.00	0.200	23.03	0.201	22.97	0.198
20	QPSK	50	0	22.07	0.161	22.19	0.166	22.16	0.164
20	QPSK	50	24	21.92	0.156	21.91	0.155	21.93	0.156
20	QPSK	50	50	21.88	0.154	21.88	0.154	21.88	0.154
20	QPSK	100	0	21.96	0.157	22.07	0.161	21.95	0.157
20	16QAM	1	0	22.04	0.160	22.07	0.161	21.95	0.157
20	16QAM	1	49	21.95	0.157	22.00	0.158	21.91	0.155
20	16QAM	1	99	21.91	0.155	21.97	0.157	21.85	0.153
20	16QAM	50	0	22.06	0.161	22.13	0.163	22.03	0.160
20	16QAM	50	24	21.89	0.155	21.95	0.157	21.90	0.155
20	16QAM	50	50	21.85	0.153	21.86	0.153	21.84	0.153
20	16QAM	100	0	21.76	0.150	21.84	0.153	21.77	0.150
20	64QAM	1	0	22.10	0.162	22.23	0.167	22.19	0.166
20	64QAM	1	49	22.01	0.159	22.07	0.161	22.03	0.160
20	64QAM	1	99	21.87	0.154	21.90	0.155	21.84	0.153
20	64QAM	50	0	22.00	0.158	21.87	0.154	22.01	0.159
20	64QAM	50	24	21.88	0.154	21.81	0.152	22.03	0.160
20	64QAM	50	50	21.85	0.153	21.85	0.153	21.81	0.152
20	64QAM	100	0	21.95	0.157	21.74	0.149	21.84	0.153



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				132047		132322		132597	
Frequency (MHz)				1717.5		1745		1772.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	23.08	0.203	23.06	0.202	23.00	0.200
15	QPSK	1	37	22.96	0.198	23.05	0.202	22.90	0.195
15	QPSK	1	74	22.93	0.196	22.88	0.194	22.96	0.198
15	QPSK	36	0	21.99	0.158	22.00	0.158	22.11	0.163
15	QPSK	36	20	22.02	0.159	22.05	0.160	22.12	0.163
15	QPSK	36	39	22.01	0.159	21.97	0.157	22.05	0.160
15	QPSK	75	0	22.12	0.163	22.20	0.166	22.06	0.161
15	16QAM	1	0	21.98	0.158	21.97	0.157	21.88	0.154
15	16QAM	1	37	21.83	0.152	21.92	0.156	21.89	0.155
15	16QAM	1	74	21.76	0.150	21.91	0.155	21.73	0.149
15	16QAM	36	0	21.47	0.140	21.48	0.141	21.47	0.140
15	16QAM	36	20	21.86	0.153	21.85	0.153	21.81	0.152
15	16QAM	36	39	21.84	0.153	21.76	0.150	21.74	0.149
15	16QAM	75	0	21.74	0.149	21.81	0.152	21.65	0.146
15	64QAM	1	0	21.95	0.157	22.10	0.162	22.07	0.161
15	64QAM	1	37	21.86	0.153	22.03	0.160	22.00	0.158
15	64QAM	1	74	21.85	0.153	21.88	0.154	21.82	0.152
15	64QAM	36	0	21.87	0.154	21.79	0.151	21.95	0.157
15	64QAM	36	20	21.77	0.150	21.74	0.149	22.01	0.159
15	64QAM	36	39	21.83	0.152	21.77	0.150	21.71	0.148
15	64QAM	75	0	21.94	0.156	21.70	0.148	21.81	0.152



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	22.98	0.199	23.15	0.207	22.92	0.196
10	QPSK	1	25	22.99	0.199	23.03	0.201	22.98	0.199
10	QPSK	1	49	22.89	0.195	22.89	0.195	22.89	0.195
10	QPSK	25	0	21.95	0.157	22.07	0.161	22.08	0.161
10	QPSK	25	12	22.08	0.161	22.06	0.161	22.11	0.163
10	QPSK	25	25	22.09	0.162	22.01	0.159	22.10	0.162
10	QPSK	50	0	21.64	0.146	21.71	0.148	21.63	0.146
10	16QAM	1	0	21.94	0.156	22.00	0.158	21.80	0.151
10	16QAM	1	25	21.93	0.156	21.94	0.156	21.87	0.154
10	16QAM	1	49	21.79	0.151	21.91	0.155	21.77	0.150
10	16QAM	25	0	21.96	0.157	22.01	0.159	21.95	0.157
10	16QAM	25	12	21.78	0.151	21.87	0.154	21.75	0.150
10	16QAM	25	25	21.74	0.149	21.85	0.153	21.79	0.151
10	16QAM	50	0	21.70	0.148	21.77	0.150	21.75	0.150
10	64QAM	1	0	22.07	0.161	22.22	0.167	22.07	0.161
10	64QAM	1	25	21.87	0.154	22.04	0.160	21.95	0.157
10	64QAM	1	49	21.82	0.152	21.79	0.151	21.79	0.151
10	64QAM	25	0	21.88	0.154	21.72	0.149	21.94	0.156
10	64QAM	25	12	21.74	0.149	21.79	0.151	21.99	0.158
10	64QAM	25	25	21.76	0.150	21.81	0.152	21.75	0.150
10	64QAM	50	0	21.86	0.153	21.67	0.147	21.76	0.150



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				131997		132322		132647	
Frequency (MHz)				1712.5		1745		1777.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	23.05	0.202	23.11	0.205	23.05	0.202
5	QPSK	1	12	23.03	0.201	22.96	0.198	22.86	0.193
5	QPSK	1	24	22.93	0.196	22.92	0.196	22.92	0.196
5	QPSK	12	0	21.96	0.157	22.14	0.164	22.01	0.159
5	QPSK	12	7	22.15	0.164	22.04	0.160	22.12	0.163
5	QPSK	12	13	22.07	0.161	22.06	0.161	22.08	0.161
5	QPSK	25	0	22.13	0.163	22.17	0.165	22.05	0.160
5	16QAM	1	0	21.96	0.157	22.01	0.159	21.89	0.155
5	16QAM	1	12	21.88	0.154	21.95	0.157	21.87	0.154
5	16QAM	1	24	21.83	0.152	21.91	0.155	21.81	0.152
5	16QAM	12	0	22.02	0.159	22.09	0.162	21.98	0.158
5	16QAM	12	7	21.75	0.150	21.93	0.156	21.83	0.152
5	16QAM	12	13	21.72	0.149	21.84	0.153	21.81	0.152
5	16QAM	25	0	21.69	0.148	21.78	0.151	21.65	0.146
5	64QAM	1	0	22.05	0.160	22.14	0.164	22.13	0.163
5	64QAM	1	12	22.00	0.158	21.94	0.156	21.99	0.158
5	64QAM	1	24	21.79	0.151	21.77	0.150	21.78	0.151
5	64QAM	12	0	21.86	0.153	21.83	0.152	21.94	0.156
5	64QAM	12	7	21.75	0.150	21.75	0.150	21.96	0.157
5	64QAM	12	13	21.80	0.151	21.70	0.148	21.75	0.150
5	64QAM	25	0	21.94	0.156	21.68	0.147	21.82	0.152



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				131987		132322		132657	
Frequency (MHz)				1711.5		1745		1778.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	23.02	0.200	23.08	0.203	22.99	0.199
3	QPSK	1	8	22.94	0.197	23.02	0.200	22.93	0.196
3	QPSK	1	14	22.89	0.195	22.92	0.196	22.93	0.196
3	QPSK	8	0	22.05	0.160	22.09	0.162	22.02	0.159
3	QPSK	8	4	22.02	0.159	22.08	0.161	22.13	0.163
3	QPSK	8	7	22.11	0.163	22.03	0.160	22.10	0.162
3	QPSK	15	0	21.55	0.143	21.72	0.149	21.60	0.145
3	16QAM	1	0	21.89	0.155	22.02	0.159	21.88	0.154
3	16QAM	1	8	21.93	0.156	21.86	0.153	21.80	0.151
3	16QAM	1	14	21.76	0.150	21.94	0.156	21.75	0.150
3	16QAM	8	0	22.05	0.160	22.04	0.160	21.93	0.156
3	16QAM	8	4	21.84	0.153	21.89	0.155	21.86	0.153
3	16QAM	8	7	21.81	0.152	21.82	0.152	21.74	0.149
3	16QAM	15	0	21.67	0.147	21.81	0.152	21.68	0.147
3	64QAM	1	0	22.00	0.158	22.18	0.165	22.06	0.161
3	64QAM	1	8	21.90	0.155	22.01	0.159	21.90	0.155
3	64QAM	1	14	21.79	0.151	21.79	0.151	21.71	0.148
3	64QAM	8	0	21.92	0.156	21.85	0.153	21.98	0.158
3	64QAM	8	4	21.86	0.153	21.71	0.148	21.95	0.157
3	64QAM	8	7	21.70	0.148	21.70	0.148	21.73	0.149
3	64QAM	15	0	21.89	0.155	21.59	0.144	21.83	0.152



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				131979		132322		132665	
Frequency (MHz)				1710.7		1745		1779.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	22.98	0.199	23.01	0.200	22.93	0.196
1.4	QPSK	1	3	22.98	0.199	22.93	0.196	22.90	0.195
1.4	QPSK	1	5	22.89	0.195	22.99	0.199	22.93	0.196
1.4	QPSK	3	0	22.98	0.199	23.10	0.204	23.02	0.200
1.4	QPSK	3	1	23.12	0.205	23.07	0.203	23.08	0.203
1.4	QPSK	3	3	23.09	0.204	23.04	0.201	23.00	0.200
1.4	QPSK	6	0	22.15	0.164	22.28	0.169	22.07	0.161
1.4	16QAM	1	0	21.90	0.155	21.95	0.157	21.92	0.156
1.4	16QAM	1	3	21.80	0.151	21.91	0.155	21.83	0.152
1.4	16QAM	1	5	21.88	0.154	21.83	0.152	21.82	0.152
1.4	16QAM	3	0	21.70	0.148	21.76	0.150	21.61	0.145
1.4	16QAM	3	1	21.59	0.144	21.63	0.146	21.50	0.141
1.4	16QAM	3	3	21.51	0.142	21.44	0.139	21.41	0.138
1.4	16QAM	6	0	21.63	0.146	21.80	0.151	21.67	0.147
1.4	64QAM	1	0	22.06	0.161	22.21	0.166	22.15	0.164
1.4	64QAM	1	3	21.95	0.157	22.03	0.160	21.97	0.157
1.4	64QAM	1	5	21.72	0.149	21.87	0.154	21.75	0.150
1.4	64QAM	3	0	22.19	0.166	22.02	0.159	22.26	0.168
1.4	64QAM	3	1	22.03	0.160	21.98	0.158	22.25	0.168
1.4	64QAM	3	3	22.07	0.161	22.10	0.162	22.06	0.161
1.4	64QAM	6	0	21.94	0.156	21.66	0.147	21.71	0.148



LTE Band 71				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				133222		133322		133372	
Frequency (MHz)				673		683		688	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	17.93	0.062	17.98	0.063	17.88	0.061
20	QPSK	1	49	17.86	0.061	17.91	0.062	17.83	0.061
20	QPSK	1	99	17.78	0.060	17.82	0.061	17.79	0.060
20	QPSK	50	0	16.97	0.050	17.05	0.051	16.95	0.050
20	QPSK	50	24	16.82	0.048	16.88	0.049	16.79	0.048
20	QPSK	50	50	16.73	0.047	16.83	0.048	16.75	0.047
20	QPSK	100	0	16.93	0.049	17.00	0.050	16.92	0.049
20	16QAM	1	0	17.09	0.051	17.23	0.053	17.12	0.052
20	16QAM	1	49	17.04	0.051	17.16	0.052	17.06	0.051
20	16QAM	1	99	17.12	0.052	17.14	0.052	17.04	0.051
20	16QAM	50	0	16.96	0.050	17.00	0.050	16.93	0.049
20	16QAM	50	24	16.91	0.049	17.00	0.050	16.87	0.049
20	16QAM	50	50	16.89	0.049	16.92	0.049	16.91	0.049
20	16QAM	100	0	16.81	0.048	16.85	0.048	16.83	0.048
20	64QAM	1	0	17.14	0.052	17.24	0.053	17.08	0.051
20	64QAM	1	49	17.10	0.051	17.19	0.052	17.06	0.051
20	64QAM	1	99	17.07	0.051	17.15	0.052	17.05	0.051
20	64QAM	50	0	16.85	0.048	16.90	0.049	16.96	0.050
20	64QAM	50	24	16.86	0.049	16.91	0.049	16.87	0.049
20	64QAM	50	50	16.93	0.049	16.88	0.049	16.89	0.049
20	64QAM	100	0	16.89	0.049	16.92	0.049	16.84	0.048



LTE Band 71				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				133197		133297		133397	
Frequency (MHz)				670.5		680.5		690.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	17.91	0.062	17.95	0.062	17.79	0.060
15	QPSK	1	37	17.75	0.060	17.88	0.061	17.71	0.059
15	QPSK	1	74	17.74	0.059	17.79	0.060	17.78	0.060
15	QPSK	36	0	16.79	0.048	16.80	0.048	16.83	0.048
15	QPSK	36	20	16.71	0.047	16.79	0.048	16.77	0.048
15	QPSK	36	39	16.70	0.047	16.69	0.047	16.66	0.046
15	QPSK	75	0	16.87	0.049	16.93	0.049	16.81	0.048
15	16QAM	1	0	17.04	0.051	17.11	0.051	17.08	0.051
15	16QAM	1	37	16.97	0.050	17.01	0.050	16.93	0.049
15	16QAM	1	74	17.10	0.051	17.10	0.051	17.01	0.050
15	16QAM	36	0	16.87	0.049	16.99	0.050	16.80	0.048
15	16QAM	36	20	16.79	0.048	16.95	0.050	16.82	0.048
15	16QAM	36	39	16.84	0.048	16.83	0.048	16.88	0.049
15	16QAM	75	0	16.73	0.047	16.70	0.047	16.73	0.047
15	64QAM	1	0	16.99	0.050	17.19	0.052	16.94	0.049
15	64QAM	1	37	17.05	0.051	17.09	0.051	16.97	0.050
15	64QAM	1	74	17.02	0.050	17.05	0.051	16.94	0.049
15	64QAM	36	0	16.78	0.048	16.83	0.048	16.90	0.049
15	64QAM	36	20	16.80	0.048	16.77	0.048	16.84	0.048
15	64QAM	36	39	16.79	0.048	16.85	0.048	16.82	0.048
15	64QAM	75	0	16.81	0.048	16.88	0.049	16.69	0.047



LTE Band 71				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				133172		133297		133422	
Frequency (MHz)				668		680.5		693	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	17.81	0.060	17.87	0.061	17.86	0.061
10	QPSK	1	25	17.79	0.060	17.80	0.060	17.80	0.060
10	QPSK	1	49	17.77	0.060	17.81	0.060	17.75	0.060
10	QPSK	25	0	16.72	0.047	16.82	0.048	16.83	0.048
10	QPSK	25	12	16.77	0.048	16.83	0.048	16.74	0.047
10	QPSK	25	25	16.63	0.046	16.72	0.047	16.68	0.047
10	QPSK	50	0	16.81	0.048	16.85	0.048	16.78	0.048
10	16QAM	1	0	17.04	0.051	17.22	0.053	17.03	0.050
10	16QAM	1	25	16.90	0.049	17.02	0.050	17.04	0.051
10	16QAM	1	49	16.99	0.050	16.99	0.050	16.97	0.050
10	16QAM	25	0	16.84	0.048	16.94	0.049	16.89	0.049
10	16QAM	25	12	16.82	0.048	16.86	0.049	16.77	0.048
10	16QAM	25	25	16.74	0.047	16.80	0.048	16.76	0.047
10	16QAM	50	0	16.71	0.047	16.80	0.048	16.74	0.047
10	64QAM	1	0	17.04	0.051	17.14	0.052	16.98	0.050
10	64QAM	1	25	17.06	0.051	17.09	0.051	16.92	0.049
10	64QAM	1	49	16.97	0.050	17.07	0.051	16.98	0.050
10	64QAM	25	0	16.78	0.048	16.87	0.049	16.82	0.048
10	64QAM	25	12	16.81	0.048	16.87	0.049	16.82	0.048
10	64QAM	25	25	16.80	0.048	16.77	0.048	16.75	0.047
10	64QAM	50	0	16.85	0.048	16.81	0.048	16.77	0.048



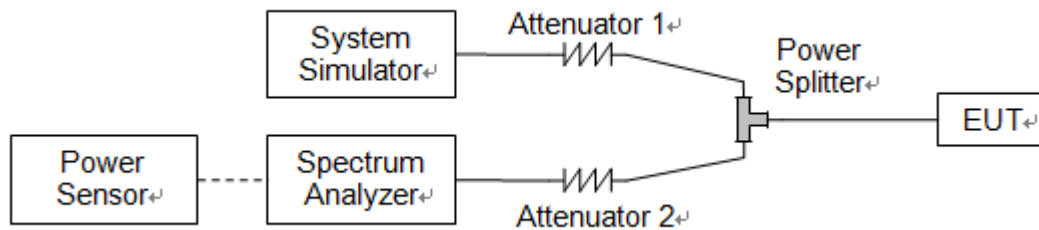
LTE Band 71				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				133147		133297		133447	
Frequency (MHz)				665.5		680.5		695.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	17.81	0.060	17.86	0.061	17.78	0.060
5	QPSK	1	12	17.77	0.060	17.89	0.062	17.76	0.060
5	QPSK	1	24	17.72	0.059	17.71	0.059	17.75	0.060
5	QPSK	12	0	16.81	0.048	16.82	0.048	16.81	0.048
5	QPSK	12	7	16.73	0.047	16.75	0.047	16.73	0.047
5	QPSK	12	13	16.62	0.046	16.70	0.047	16.61	0.046
5	QPSK	25	0	16.78	0.048	16.92	0.049	16.84	0.048
5	16QAM	1	0	17.03	0.050	17.17	0.052	17.11	0.051
5	16QAM	1	12	16.92	0.049	17.06	0.051	16.99	0.050
5	16QAM	1	24	17.10	0.051	17.03	0.050	16.92	0.049
5	16QAM	12	0	16.81	0.048	16.91	0.049	16.86	0.049
5	16QAM	12	7	16.79	0.048	16.85	0.048	16.84	0.048
5	16QAM	12	13	16.74	0.047	16.80	0.048	16.79	0.048
5	16QAM	25	0	16.70	0.047	16.76	0.047	16.82	0.048
5	64QAM	1	0	17.07	0.051	17.14	0.052	17.04	0.051
5	64QAM	1	12	17.01	0.050	17.05	0.051	17.01	0.050
5	64QAM	1	24	16.95	0.050	17.11	0.051	16.99	0.050
5	64QAM	12	0	16.79	0.048	16.79	0.048	16.83	0.048
5	64QAM	12	7	16.84	0.048	16.76	0.047	16.83	0.048
5	64QAM	12	13	16.78	0.048	16.80	0.048	16.88	0.049
5	64QAM	25	0	16.82	0.048	16.90	0.049	16.73	0.047

2.2. Occupied Bandwidth

2.2.1. Requirement

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

2.2.2. Test Description



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

2.2.3. Test Procedure

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

2.2.4. Test Result



LTE Band 2				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.10	1.28
	Low	16QAM	1.10	1.31
	Low	64QAM	1.10	1.30
	Mid	QPSK	1.10	1.27
	Mid	16QAM	1.10	1.30
	Mid	64QAM	1.10	1.29
	High	QPSK	1.10	1.27
	High	16QAM	1.10	1.29
	High	64QAM	1.10	1.31
3	Low	QPSK	2.71	3.00
	Low	16QAM	2.70	3.00
	Low	64QAM	2.71	3.00
	Mid	QPSK	2.71	2.98
	Mid	16QAM	2.70	2.99
	Mid	64QAM	2.71	2.98
	High	QPSK	2.70	2.99
	High	16QAM	2.70	3.00
	High	64QAM	2.71	2.99
5	Low	QPSK	4.51	5.00
	Low	16QAM	4.51	5.01
	Low	64QAM	4.51	5.01
	Mid	QPSK	4.51	5.02
	Mid	16QAM	4.50	4.99
	Mid	64QAM	4.51	4.97
	High	QPSK	4.51	5.00
	High	16QAM	4.51	5.02
	High	64QAM	4.51	5.02
10	Low	QPSK	8.98	9.80
	Low	16QAM	8.96	9.89
	Low	64QAM	8.97	9.83
	Mid	QPSK	9.00	9.91
	Mid	16QAM	8.97	9.84
	Mid	64QAM	8.97	9.77
	High	QPSK	9.00	9.81
	High	16QAM	8.96	9.88
	High	64QAM	8.97	9.88



15	Low	QPSK	13.49	14.71
	Low	16QAM	13.44	14.71
	Low	64QAM	13.44	14.61
	Mid	QPSK	13.44	14.65
	Mid	16QAM	13.47	14.58
	Mid	64QAM	13.46	14.68
	High	QPSK	13.49	14.58
	High	16QAM	13.47	14.64
	High	64QAM	13.44	14.69
20	Low	QPSK	17.96	19.54
	Low	16QAM	17.96	19.41
	Low	64QAM	17.67	18.83
	Mid	QPSK	17.96	19.50
	Mid	16QAM	18.02	19.50
	Mid	64QAM	17.98	19.65
	High	QPSK	17.95	19.51
	High	16QAM	17.94	19.48
	High	64QAM	17.97	19.35



LTE Band 4				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.10	1.29
	Low	16QAM	1.10	1.29
	Low	64QAM	1.10	1.28
	Mid	QPSK	1.10	1.30
	Mid	16QAM	1.10	1.29
	Mid	64QAM	1.10	1.30
	High	QPSK	1.10	1.28
	High	16QAM	1.10	1.30
	High	64QAM	1.10	1.28
3	Low	QPSK	2.70	2.99
	Low	16QAM	2.71	2.99
	Low	64QAM	2.71	2.98
	Mid	QPSK	2.70	2.98
	Mid	16QAM	2.71	3.00
	Mid	64QAM	2.70	2.98
	High	QPSK	2.70	2.97
	High	16QAM	2.70	3.00
	High	64QAM	2.70	2.97
5	Low	QPSK	4.50	5.00
	Low	16QAM	4.50	5.02
	Low	64QAM	4.51	5.02
	Mid	QPSK	4.51	5.03
	Mid	16QAM	4.51	5.00
	Mid	64QAM	4.50	5.00
	High	QPSK	4.50	4.99
	High	16QAM	4.51	4.97
	High	64QAM	4.52	5.02
10	Low	QPSK	8.93	9.54
	Low	16QAM	8.97	9.79
	Low	64QAM	8.93	9.60
	Mid	QPSK	8.99	9.85
	Mid	16QAM	8.95	9.82
	Mid	64QAM	8.96	9.86
	High	QPSK	9.00	9.86
	High	16QAM	8.85	9.43
	High	64QAM	8.83	9.48



15	Low	QPSK	13.43	14.39
	Low	16QAM	13.43	14.82
	Low	64QAM	13.44	14.64
	Mid	QPSK	13.44	14.63
	Mid	16QAM	13.45	14.74
	Mid	64QAM	13.42	14.67
	High	QPSK	13.48	14.66
	High	16QAM	13.47	14.65
	High	64QAM	13.45	14.71
20	Low	QPSK	17.91	19.46
	Low	16QAM	17.92	19.34
	Low	64QAM	17.91	19.46
	Mid	QPSK	17.90	19.45
	Mid	16QAM	17.90	19.52
	Mid	64QAM	17.91	19.38
	High	QPSK	17.97	19.54
	High	16QAM	18.00	19.40
	High	64QAM	17.97	19.49



LTE Band 5				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.10	1.28
	Low	16QAM	1.10	1.29
	Low	64QAM	1.10	1.29
	Mid	QPSK	1.09	1.28
	Mid	16QAM	1.10	1.30
	Mid	64QAM	1.10	1.30
	High	QPSK	1.10	1.28
	High	16QAM	1.10	1.30
	High	64QAM	1.10	1.31
3	Low	QPSK	2.70	2.97
	Low	16QAM	2.70	2.98
	Low	64QAM	2.71	2.97
	Mid	QPSK	2.70	2.98
	Mid	16QAM	2.70	2.99
	Mid	64QAM	2.70	2.99
	High	QPSK	2.70	3.00
	High	16QAM	2.70	2.98
	High	64QAM	2.70	2.97
5	Low	QPSK	4.50	5.00
	Low	16QAM	4.51	4.96
	Low	64QAM	4.51	4.99
	Mid	QPSK	4.51	5.03
	Mid	16QAM	4.52	5.00
	Mid	64QAM	4.51	4.98
	High	QPSK	4.51	5.06
	High	16QAM	4.50	4.97
	High	64QAM	4.51	4.99
10	Low	QPSK	8.98	9.86
	Low	16QAM	8.96	9.79
	Low	64QAM	8.98	9.85
	Mid	QPSK	9.01	9.85
	Mid	16QAM	8.96	9.79
	Mid	64QAM	8.98	9.87
	High	QPSK	8.96	9.87
	High	16QAM	8.96	9.79
	High	64QAM	8.97	9.84



LTE Band 12				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.10	1.28
	Low	16QAM	1.10	1.29
	Low	64QAM	1.10	1.30
	Mid	QPSK	1.10	1.28
	Mid	16QAM	1.10	1.30
	Mid	64QAM	1.10	1.29
	High	QPSK	1.10	1.28
	High	16QAM	1.10	1.29
	High	64QAM	1.10	1.29
3	Low	QPSK	2.69	2.90
	Low	16QAM	2.70	3.00
	Low	64QAM	2.70	2.99
	Mid	QPSK	2.70	2.99
	Mid	16QAM	2.70	2.99
	Mid	64QAM	2.70	2.98
	High	QPSK	2.70	2.99
	High	16QAM	2.71	2.99
	High	64QAM	2.68	2.88
5	Low	QPSK	4.48	4.81
	Low	16QAM	4.50	5.00
	Low	64QAM	4.52	5.02
	Mid	QPSK	4.50	5.04
	Mid	16QAM	4.51	4.96
	Mid	64QAM	4.51	5.01
	High	QPSK	4.50	5.04
	High	16QAM	4.50	4.99
	High	64QAM	4.51	4.99
10	Low	QPSK	8.98	9.59
	Low	16QAM	8.98	9.80
	Low	64QAM	8.99	9.89
	Mid	QPSK	8.98	9.87
	Mid	16QAM	8.95	9.80
	Mid	64QAM	8.97	9.87
	High	QPSK	8.99	9.85
	High	16QAM	8.87	9.47
	High	64QAM	8.98	9.83



LTE Band 13				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.50	4.98
	Low	16QAM	4.49	4.98
	Low	64QAM	4.50	4.97
	Mid	QPSK	4.49	5.01
	Mid	16QAM	4.51	4.99
	Mid	64QAM	4.50	4.98
	High	QPSK	4.50	5.00
	High	16QAM	4.51	4.96
	High	64QAM	4.49	4.98
10	Low	QPSK	8.96	9.89
	Low	16QAM	8.96	9.79
	Low	64QAM	8.96	9.87
	Mid	QPSK	8.97	9.85
	Mid	16QAM	8.93	9.79
	Mid	64QAM	8.97	9.82
	High	QPSK	8.97	9.83
	High	16QAM	8.94	9.79
	High	64QAM	8.96	9.85



LTE Band 25				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.09	1.29
	Low	16QAM	1.10	1.30
	Low	64QAM	1.10	1.30
	Mid	QPSK	1.10	1.29
	Mid	16QAM	1.10	1.30
	Mid	64QAM	1.10	1.30
	High	QPSK	1.10	1.27
	High	16QAM	1.10	1.29
	High	64QAM	1.10	1.29
3	Low	QPSK	2.70	2.99
	Low	16QAM	2.70	2.99
	Low	64QAM	2.71	2.96
	Mid	QPSK	2.70	2.99
	Mid	16QAM	2.70	2.99
	Mid	64QAM	2.71	2.97
	High	QPSK	2.70	2.99
	High	16QAM	2.70	2.99
	High	64QAM	2.70	2.97
5	Low	QPSK	4.51	5.02
	Low	16QAM	4.50	4.98
	Low	64QAM	4.51	4.99
	Mid	QPSK	4.51	5.02
	Mid	16QAM	4.51	4.99
	Mid	64QAM	4.51	4.99
	High	QPSK	4.50	5.03
	High	16QAM	4.50	4.98
	High	64QAM	4.50	4.98
10	Low	QPSK	8.96	9.66
	Low	16QAM	8.96	9.83
	Low	64QAM	8.96	9.88
	Mid	QPSK	8.98	9.87
	Mid	16QAM	8.96	9.83
	Mid	64QAM	9.00	9.88
	High	QPSK	8.98	9.84
	High	16QAM	8.93	9.82
	High	64QAM	8.76	9.38



15	Low	QPSK	13.37	14.17
	Low	16QAM	13.34	14.29
	Low	64QAM	13.45	14.73
	Mid	QPSK	13.46	14.68
	Mid	16QAM	13.46	14.73
	Mid	64QAM	13.46	14.73
	High	QPSK	13.45	14.63
	High	16QAM	13.43	14.71
	High	64QAM	13.44	14.66
20	Low	QPSK	17.94	19.60
	Low	16QAM	17.95	19.51
	Low	64QAM	17.96	19.50
	Mid	QPSK	17.95	19.53
	Mid	16QAM	17.96	19.52
	Mid	64QAM	17.92	19.47
	High	QPSK	17.95	19.42
	High	16QAM	17.85	18.99
	High	64QAM	17.94	19.47



LTE Band 26				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.10	1.28
	Low	16QAM	1.10	1.29
	Low	64QAM	1.10	1.28
	Mid	QPSK	1.10	1.28
	Mid	16QAM	1.10	1.29
	Mid	64QAM	1.10	1.30
	High	QPSK	1.10	1.29
	High	16QAM	1.10	1.30
	High	64QAM	1.10	1.30
3	Low	QPSK	2.70	2.96
	Low	16QAM	2.70	2.98
	Low	64QAM	2.70	2.97
	Mid	QPSK	2.70	2.98
	Mid	16QAM	2.70	2.99
	Mid	64QAM	2.70	2.98
	High	QPSK	2.71	2.99
	High	16QAM	2.71	2.99
	High	64QAM	2.70	2.97
5	Low	QPSK	4.51	5.03
	Low	16QAM	4.50	5.02
	Low	64QAM	4.51	4.98
	Mid	QPSK	4.51	5.03
	Mid	16QAM	4.51	5.01
	Mid	64QAM	4.50	5.01
	High	QPSK	4.51	5.03
	High	16QAM	4.50	5.00
	High	64QAM	4.51	5.03
10	Low	QPSK	8.96	9.58
	Low	16QAM	8.97	9.79
	Low	64QAM	8.99	9.90
	Mid	QPSK	9.00	9.88
	Mid	16QAM	8.96	9.85
	Mid	64QAM	8.99	9.90
	High	QPSK	8.97	9.85
	High	16QAM	8.95	9.84
	High	64QAM	8.97	9.87



15	Low	QPSK	13.49	14.67
	Low	16QAM	13.46	14.77
	Low	64QAM	13.44	14.81
	Mid	QPSK	13.47	14.73
	Mid	16QAM	13.48	14.72
	Mid	64QAM	13.47	14.84
	High	QPSK	13.33	14.24
	High	16QAM	13.45	14.64
	High	64QAM	13.42	14.68



LTE Band 41				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.50	4.99
	Low	16QAM	4.51	5.00
	Low	64QAM	4.52	4.95
	Mid	QPSK	4.50	4.98
	Mid	16QAM	4.52	5.11
	Mid	64QAM	4.52	5.00
	High	QPSK	4.50	5.02
	High	16QAM	4.52	5.13
	High	64QAM	4.51	5.02
10	Low	QPSK	8.98	9.96
	Low	16QAM	8.96	10.08
	Low	64QAM	8.97	9.77
	Mid	QPSK	9.00	9.91
	Mid	16QAM	8.98	10.10
	Mid	64QAM	8.97	9.81
	High	QPSK	8.99	9.97
	High	16QAM	8.98	9.99
	High	64QAM	8.96	9.79
15	Low	QPSK	13.47	14.60
	Low	16QAM	13.45	14.73
	Low	64QAM	13.45	14.80
	Mid	QPSK	13.48	14.72
	Mid	16QAM	13.50	14.61
	Mid	64QAM	13.46	14.84
	High	QPSK	13.47	14.71
	High	16QAM	13.48	14.91
	High	64QAM	13.42	14.72
20	Low	QPSK	17.93	19.80
	Low	16QAM	17.93	21.27
	Low	64QAM	17.94	19.27
	Mid	QPSK	17.97	20.25
	Mid	16QAM	17.95	21.33
	Mid	64QAM	17.97	19.96
	High	QPSK	17.95	19.61
	High	16QAM	17.96	21.29
	High	64QAM	17.93	19.45



LTE Band 66				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.10	1.29
	Low	16QAM	1.10	1.29
	Low	64QAM	1.10	1.30
	Mid	QPSK	1.10	1.28
	Mid	16QAM	1.10	1.30
	Mid	64QAM	1.10	1.27
	High	QPSK	1.10	1.32
	High	16QAM	1.10	1.28
	High	64QAM	1.10	1.28
3	Low	QPSK	2.70	2.97
	Low	16QAM	2.70	3.00
	Low	64QAM	2.70	2.98
	Mid	QPSK	2.70	2.98
	Mid	16QAM	2.70	2.98
	Mid	64QAM	2.70	2.99
	High	QPSK	2.70	2.98
	High	16QAM	2.70	2.97
	High	64QAM	2.70	2.99
5	Low	QPSK	4.47	4.82
	Low	16QAM	4.42	4.76
	Low	64QAM	4.46	4.81
	Mid	QPSK	4.49	4.99
	Mid	16QAM	4.51	5.00
	Mid	64QAM	4.51	5.03
	High	QPSK	4.50	5.01
	High	16QAM	4.50	4.98
	High	64QAM	4.51	5.03
10	Low	QPSK	8.99	9.65
	Low	16QAM	8.96	9.78
	Low	64QAM	8.80	9.46
	Mid	QPSK	9.01	9.91
	Mid	16QAM	8.96	9.80
	Mid	64QAM	8.98	9.86
	High	QPSK	8.99	9.91
	High	16QAM	8.95	9.85
	High	64QAM	8.99	9.90



15	Low	QPSK	13.39	14.37
	Low	16QAM	13.47	14.61
	Low	64QAM	13.44	14.71
	Mid	QPSK	13.48	14.61
	Mid	16QAM	13.47	14.80
	Mid	64QAM	13.45	14.71
	High	QPSK	13.51	14.62
	High	16QAM	13.48	14.65
	High	64QAM	13.46	14.84
20	Low	QPSK	17.83	18.95
	Low	16QAM	17.95	19.52
	Low	64QAM	17.95	19.54
	Mid	QPSK	17.97	19.49
	Mid	16QAM	17.97	19.58
	Mid	64QAM	17.96	19.60
	High	QPSK	17.97	19.51
	High	16QAM	18.00	19.40
	High	64QAM	17.97	19.59



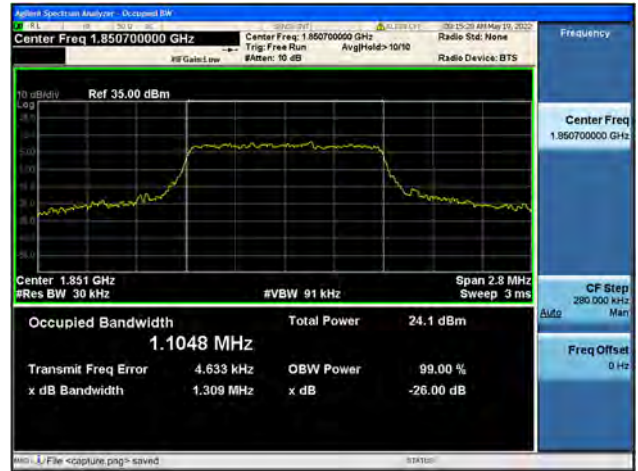
LTE Band 71				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.49	5.01
	Low	16QAM	4.50	5.00
	Low	64QAM	4.51	5.03
	Mid	QPSK	4.50	4.99
	Mid	16QAM	4.50	5.00
	Mid	64QAM	4.51	5.00
	High	QPSK	4.51	5.02
	High	16QAM	4.51	5.01
	High	64QAM	4.51	4.99
10	Low	QPSK	9.00	9.83
	Low	16QAM	8.96	9.79
	Low	64QAM	8.97	9.85
	Mid	QPSK	9.00	9.88
	Mid	16QAM	8.97	9.81
	Mid	64QAM	8.98	9.84
	High	QPSK	8.99	9.86
	High	16QAM	8.96	9.80
	High	64QAM	8.98	9.86
15	Low	QPSK	13.44	14.71
	Low	16QAM	13.45	14.79
	Low	64QAM	13.43	14.70
	Mid	QPSK	13.35	14.18
	Mid	16QAM	13.45	14.74
	Mid	64QAM	13.44	14.61
	High	QPSK	13.44	14.77
	High	16QAM	13.47	14.74
	High	64QAM	13.44	14.69
20	Low	QPSK	17.92	19.41
	Low	16QAM	17.95	19.41
	Low	64QAM	17.89	19.49
	Mid	QPSK	17.88	19.40
	Mid	16QAM	17.95	19.55
	Mid	64QAM	17.63	18.95
	High	QPSK	17.93	19.38
	High	16QAM	17.92	19.51
	High	64QAM	17.95	19.61



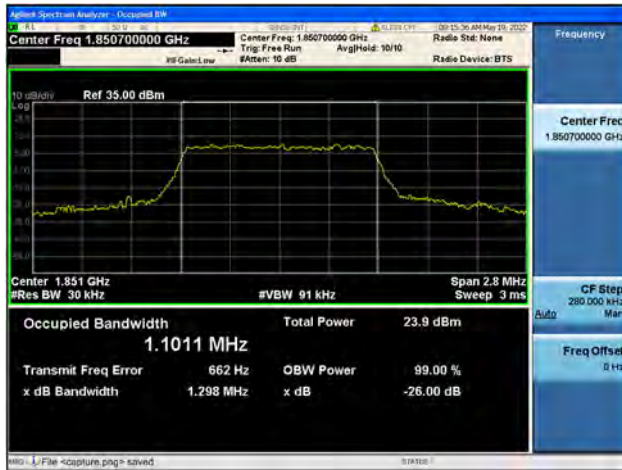
Band2 / 1.4MHz / Low CH / QPSK



Band2 / 1.4MHz / Low CH / 16QAM



Band2 / 1.4MHz / Low CH / 64QAM



Band2 / 1.4MHz / Mid CH / QPSK

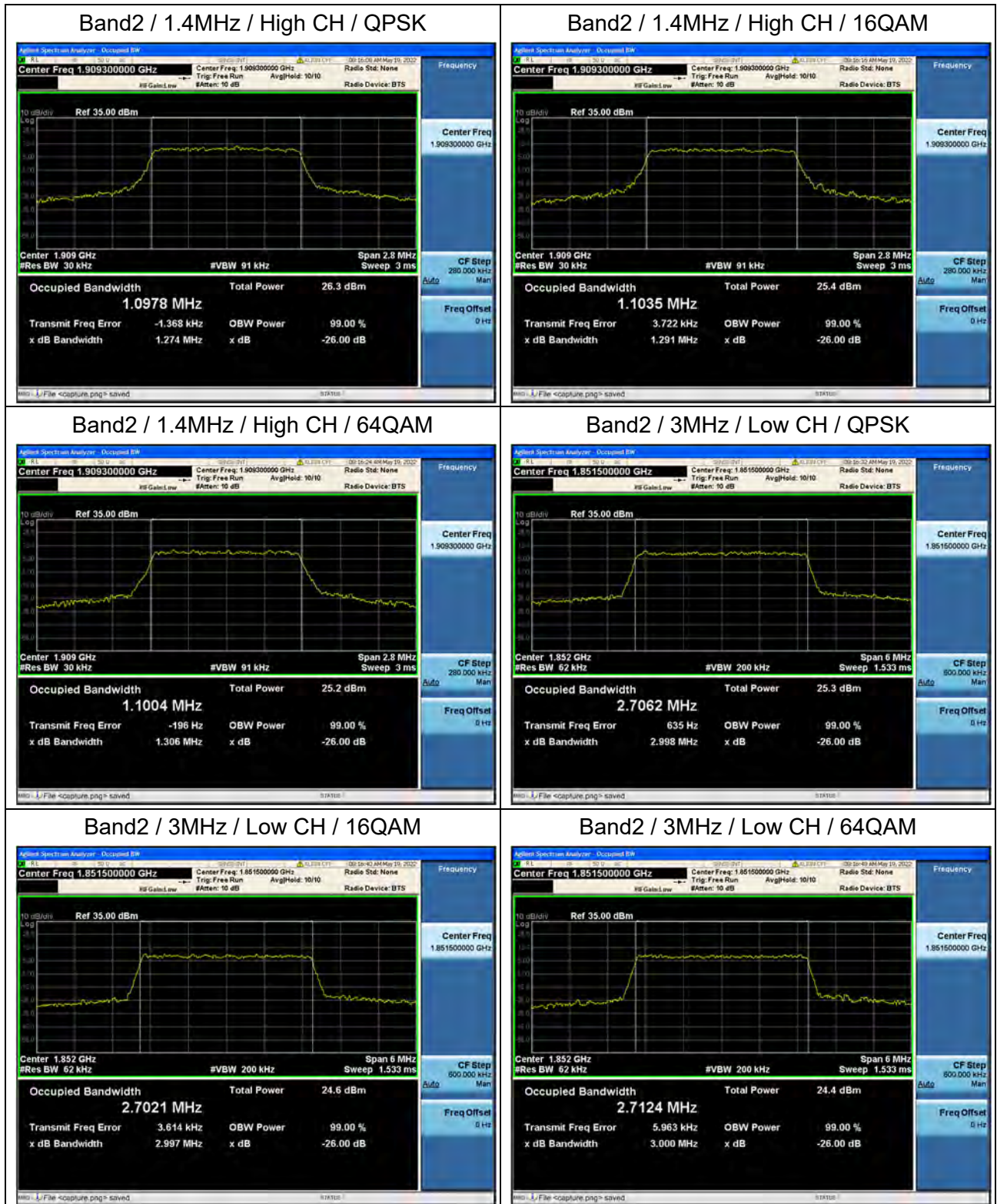


Band2 / 1.4MHz / Mid CH / 16QAM



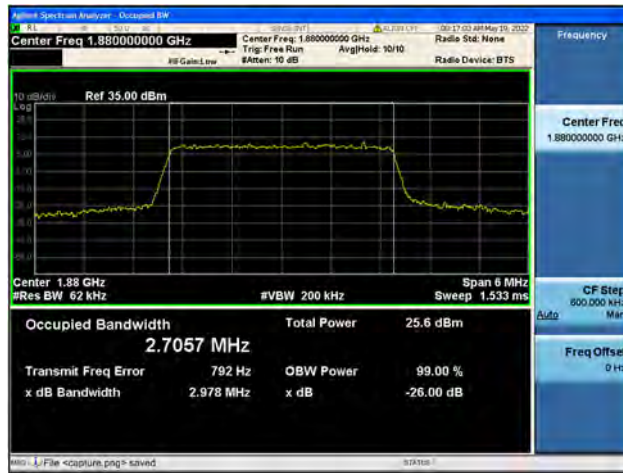
Band2 / 1.4MHz / Mid CH / 64QAM







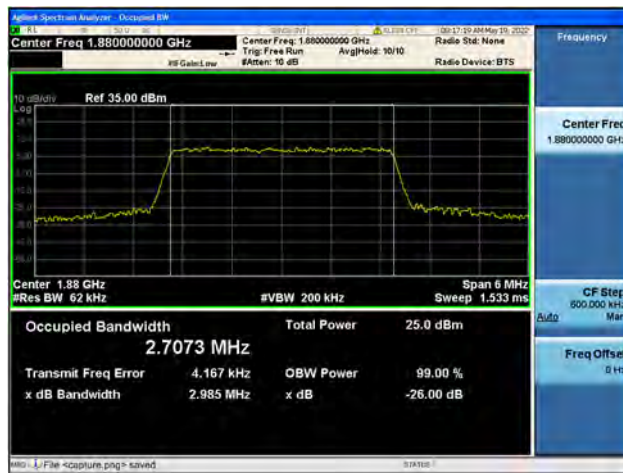
Band2 / 3MHz / Mid CH / QPSK



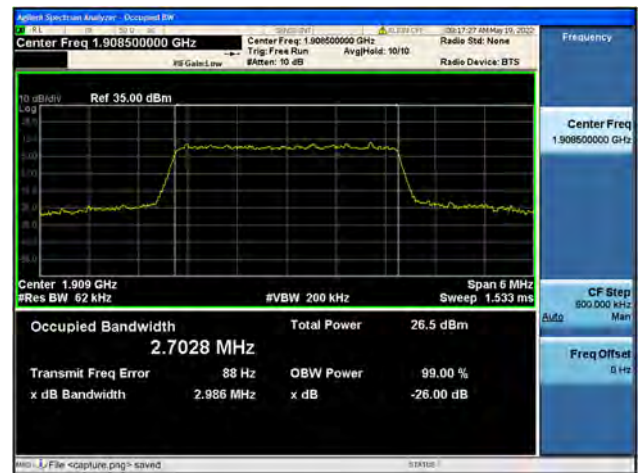
Band2 / 3MHz / Mid CH / 16QAM



Band2 / 3MHz / Mid CH / 64QAM



Band2 / 3MHz / High CH / QPSK



Band2 / 3MHz / High CH / 16QAM



Band2 / 3MHz / High CH / 64QAM

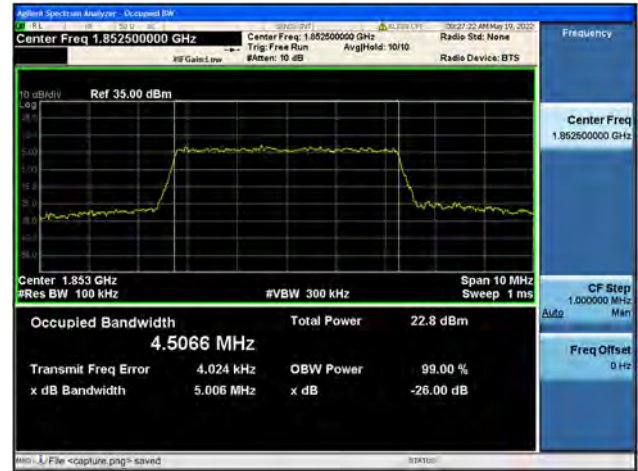




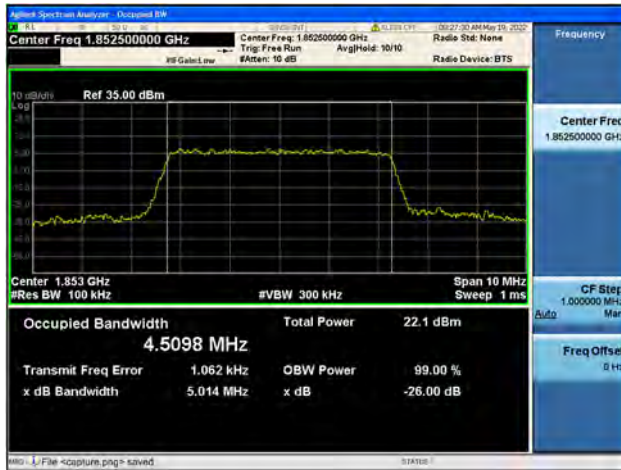
Band2 / 5MHz / Low CH / QPSK



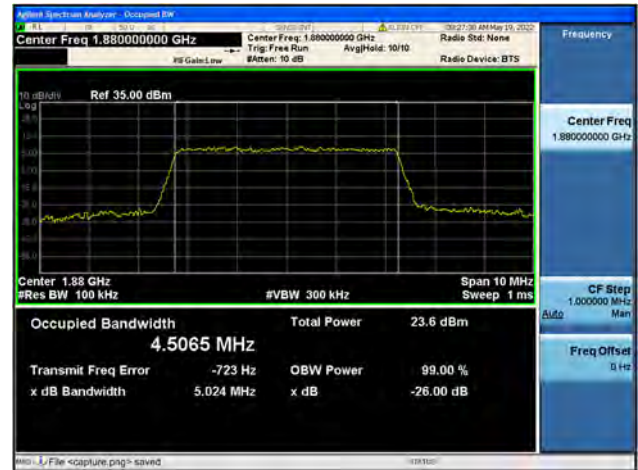
Band2 / 5MHz / Low CH / 16QAM



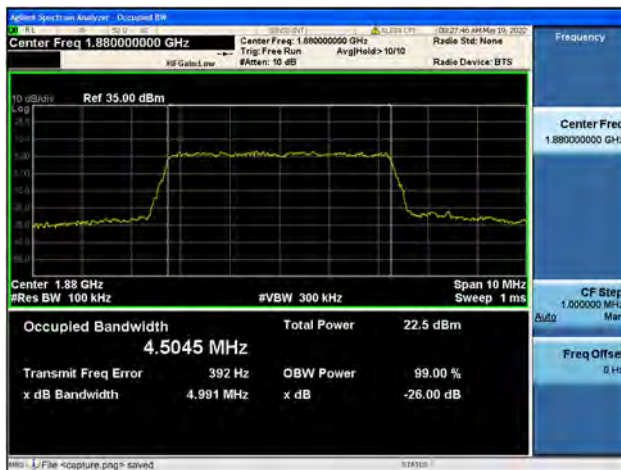
Band2 / 5MHz / Low CH / 64QAM



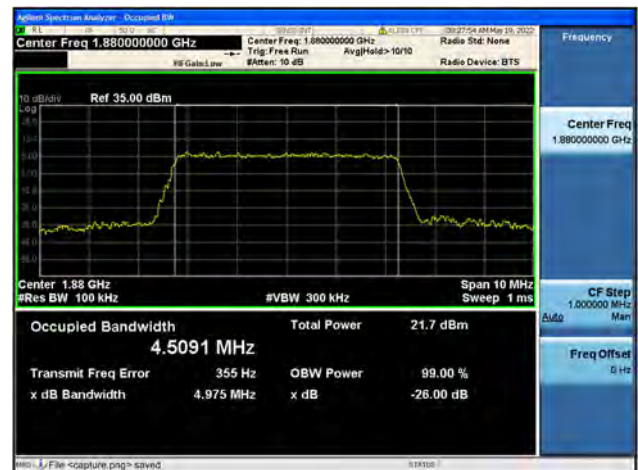
Band2 / 5MHz / Mid CH / QPSK



Band2 / 5MHz / Mid CH / 16QAM

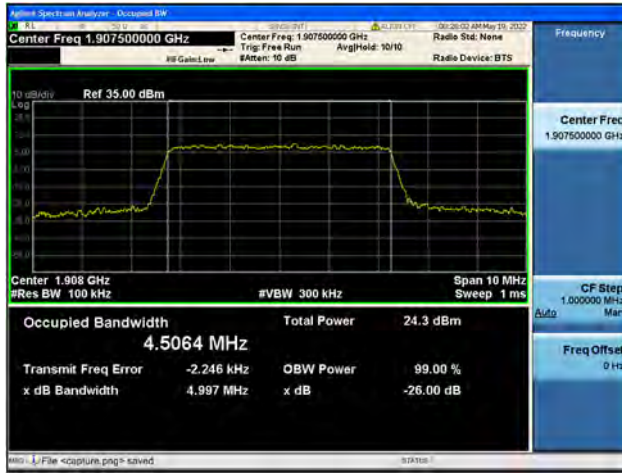


Band2 / 5MHz / Mid CH / 64QAM

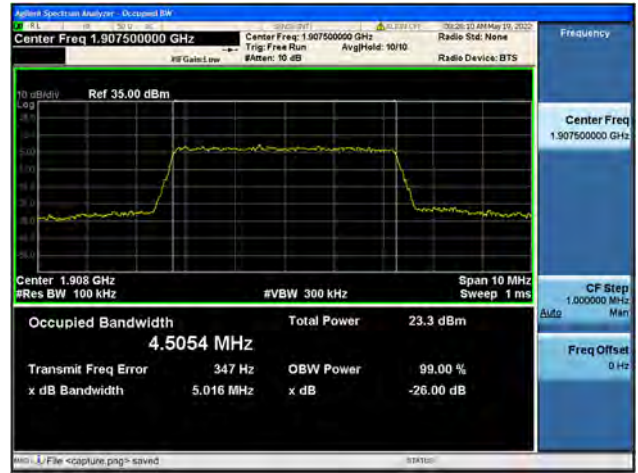




Band2 / 5MHz / High CH / QPSK



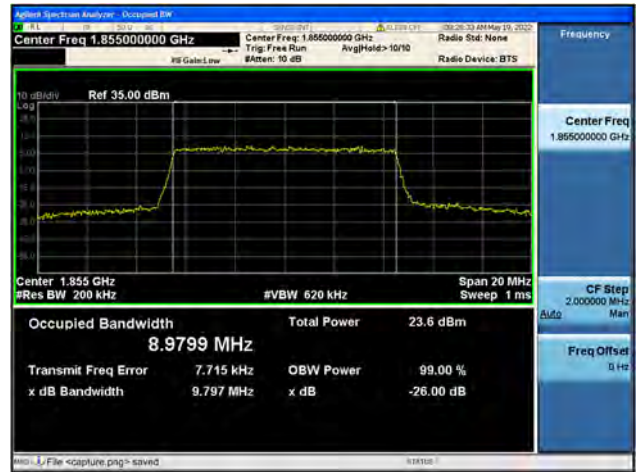
Band2 / 5MHz / High CH / 16QAM



Band2 / 5MHz / High CH / 64QAM



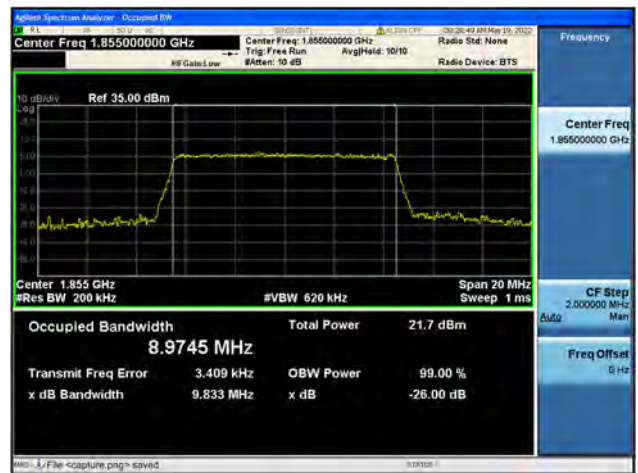
Band2 / 10MHz / Low CH / QPSK



Band2 / 10MHz / Low CH / 16QAM

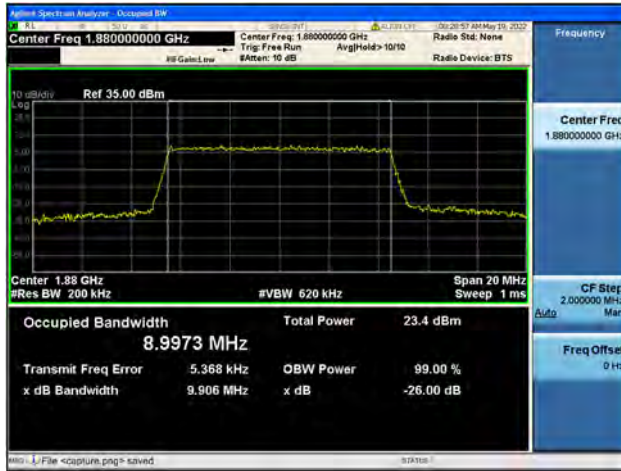


Band2 / 10MHz / Low CH / 64QAM

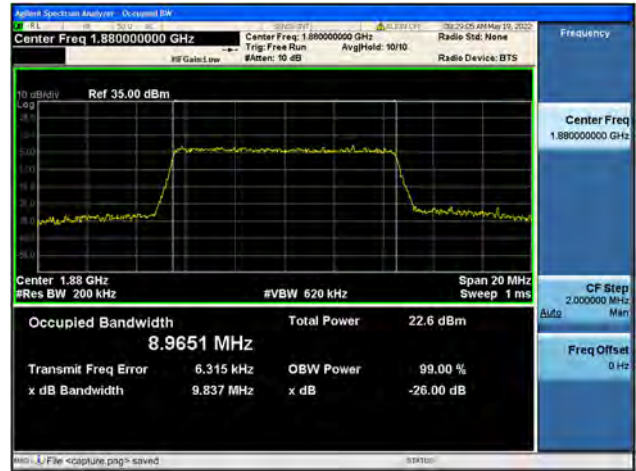




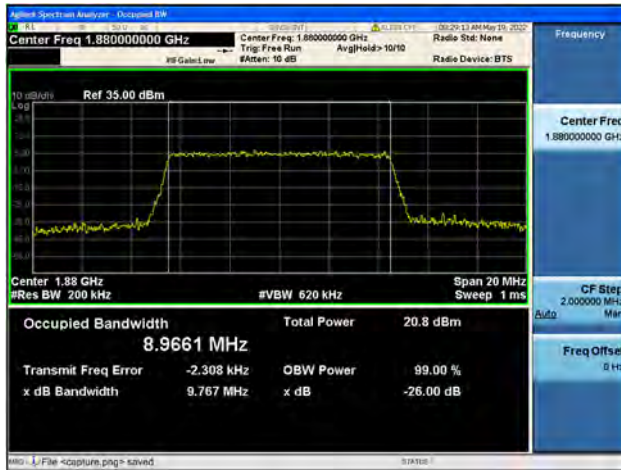
Band2 / 10MHz / Mid CH / QPSK



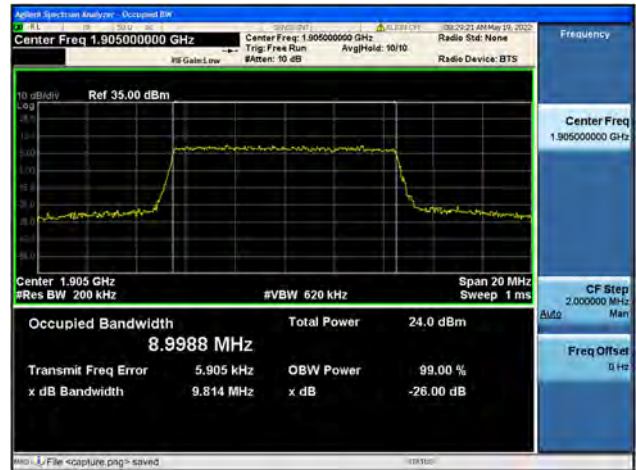
Band2 / 10MHz / Mid CH / 16QAM



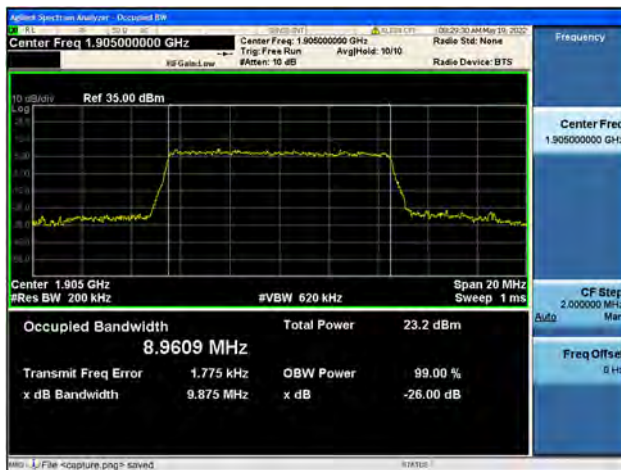
Band2 / 10MHz / Mid CH / 64QAM



Band2 / 10MHz / High CH / QPSK

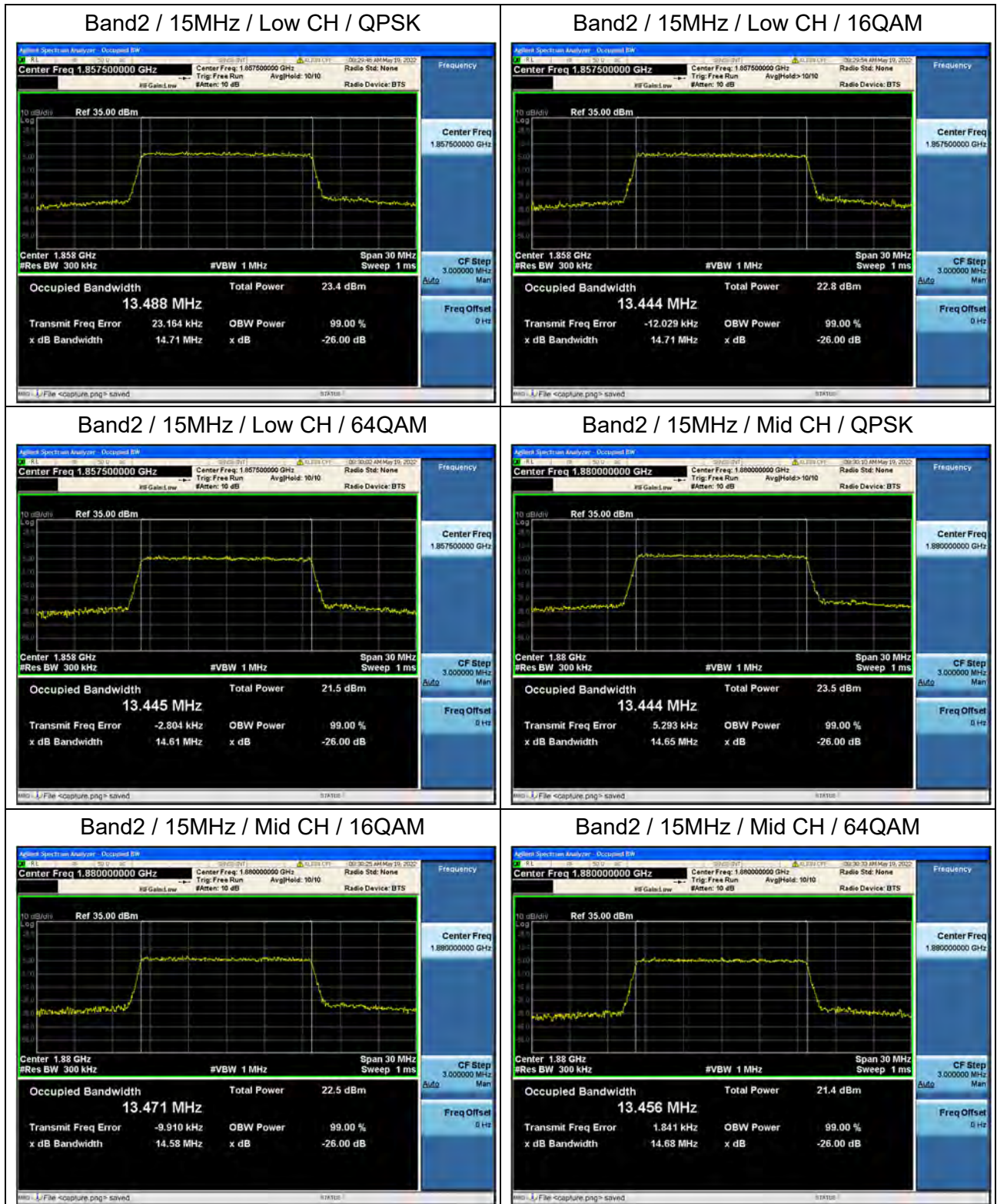


Band2 / 10MHz / High CH / 16QAM



Band2 / 10MHz / High CH / 64QAM



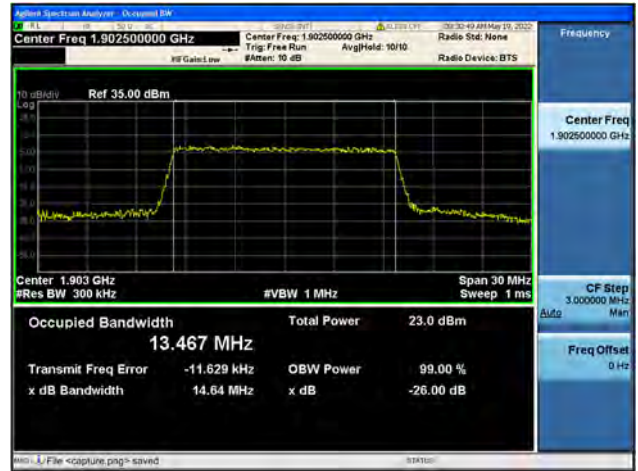




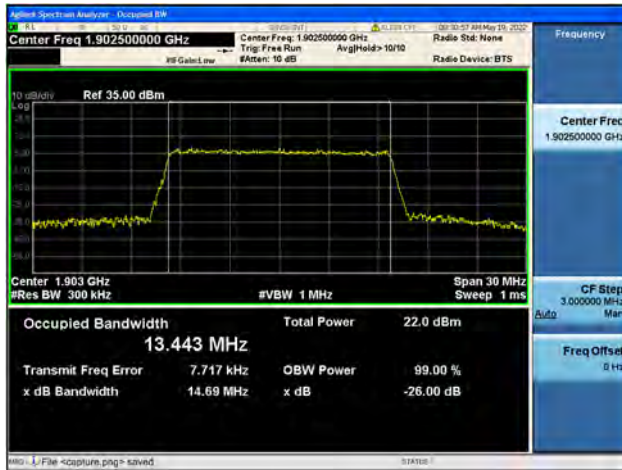
Band2 / 15MHz / High CH / QPSK



Band2 / 15MHz / High CH / 16QAM



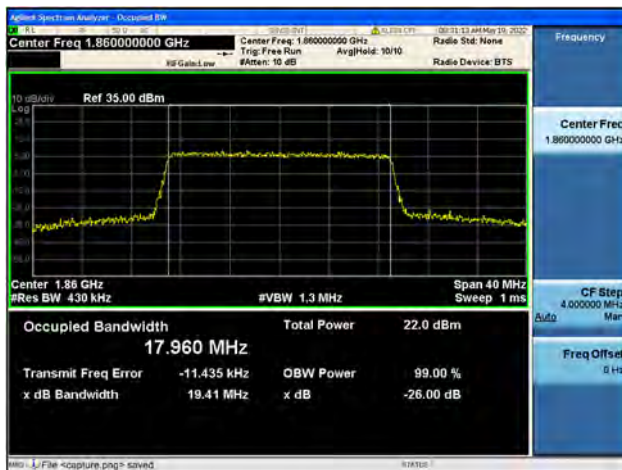
Band2 / 15MHz / High CH / 64QAM



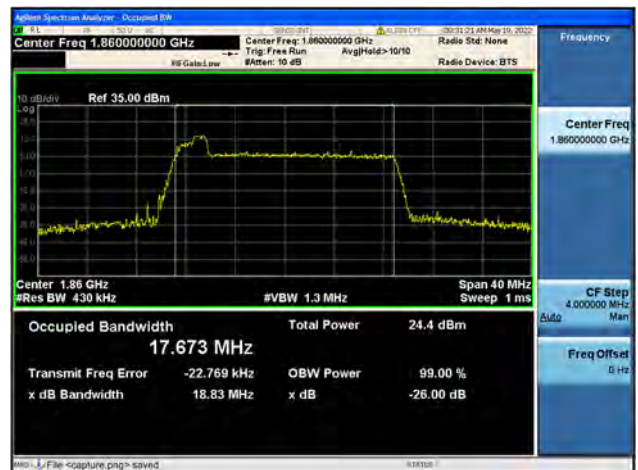
Band2 / 20MHz / Low CH / QPSK



Band2 / 20MHz / Low CH / 16QAM

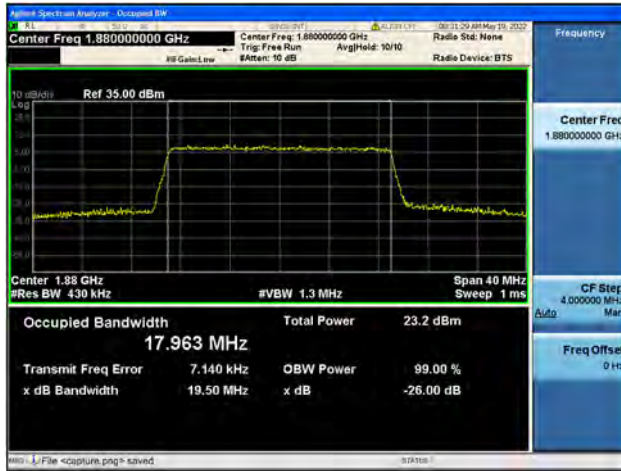


Band2 / 20MHz / Low CH / 64QAM





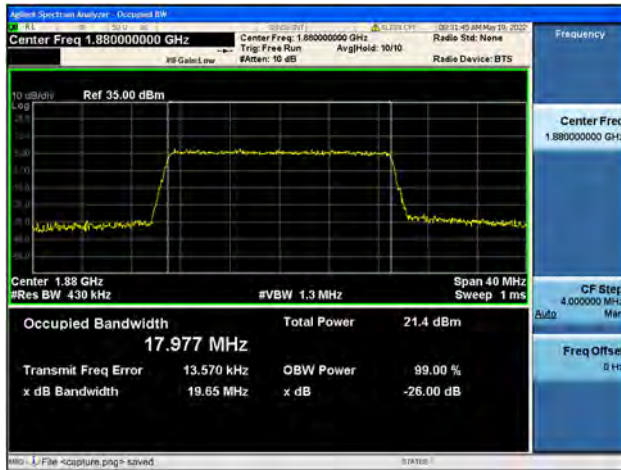
Band2 / 20MHz / Mid CH / QPSK



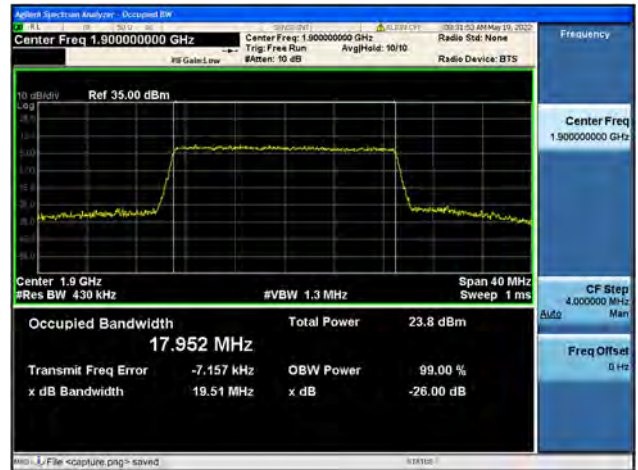
Band2 / 20MHz / Mid CH / 16QAM



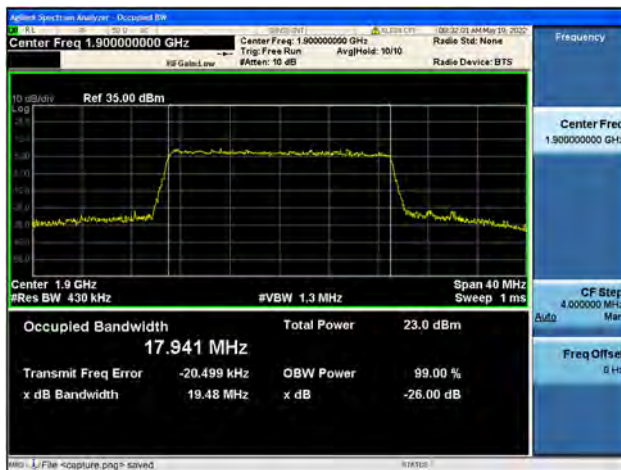
Band2 / 20MHz / Mid CH / 64QAM



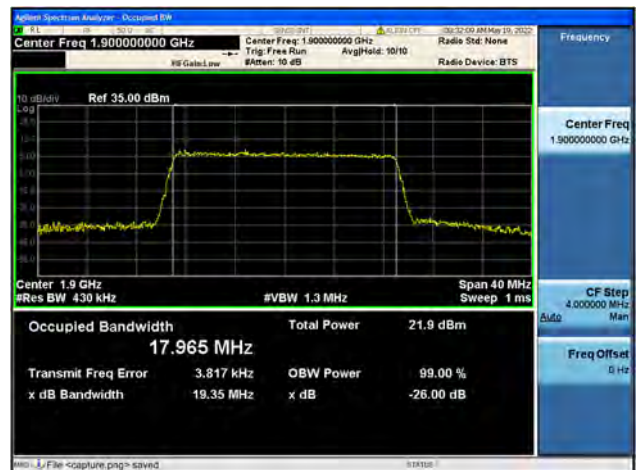
Band2 / 20MHz / High CH / QPSK



Band2 / 20MHz / High CH / 16QAM

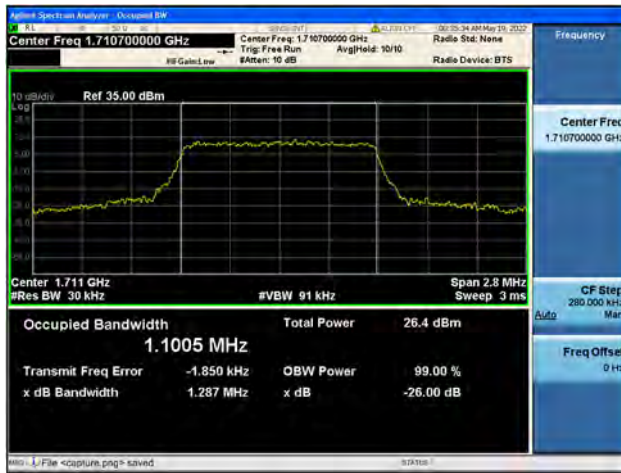


Band2 / 20MHz / High CH / 64QAM

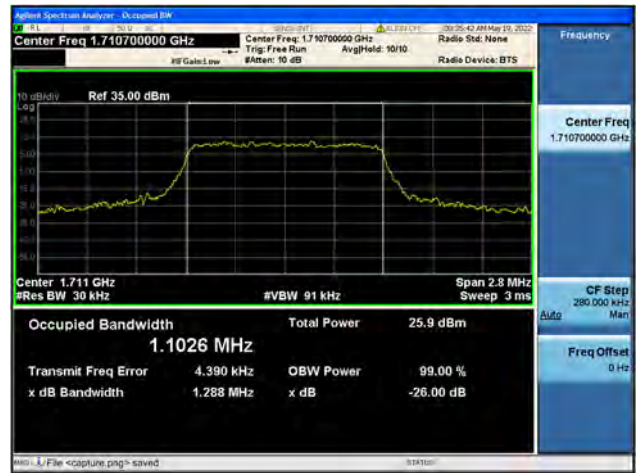




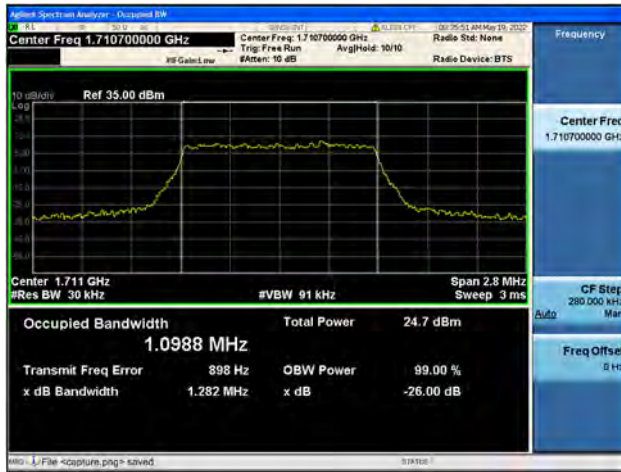
Band4 / 1.4MHz / Low CH / QPSK



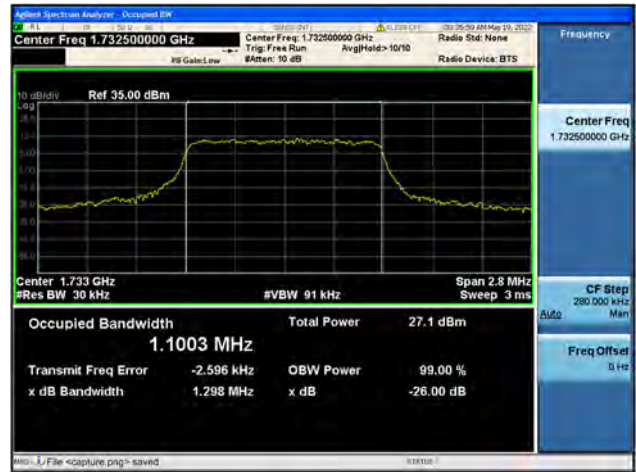
Band4 / 1.4MHz / Low CH / 16QAM



Band4 / 1.4MHz / Low CH / 64QAM



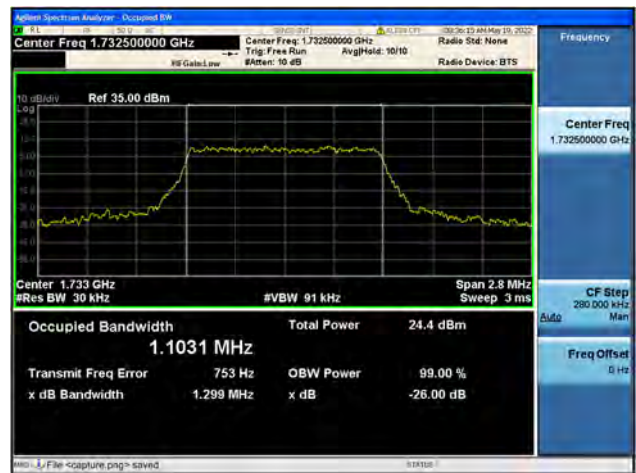
Band4 / 1.4MHz / Mid CH / QPSK



Band4 / 1.4MHz / Mid CH / 16QAM



Band4 / 1.4MHz / Mid CH / 64QAM

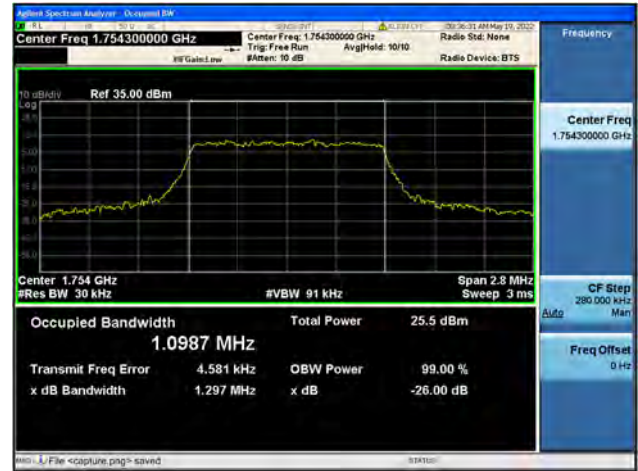




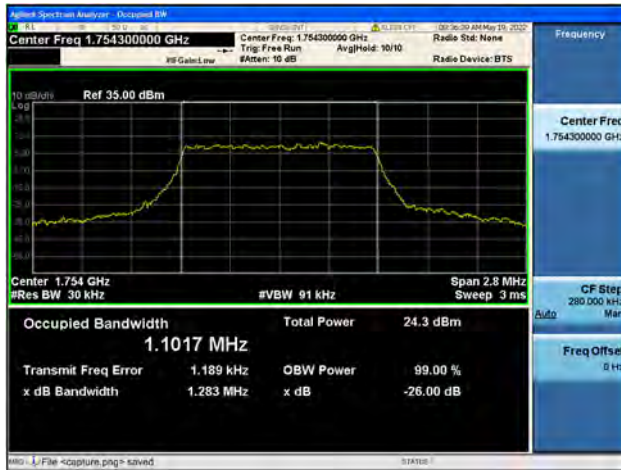
Band4 / 1.4MHz / High CH / QPSK



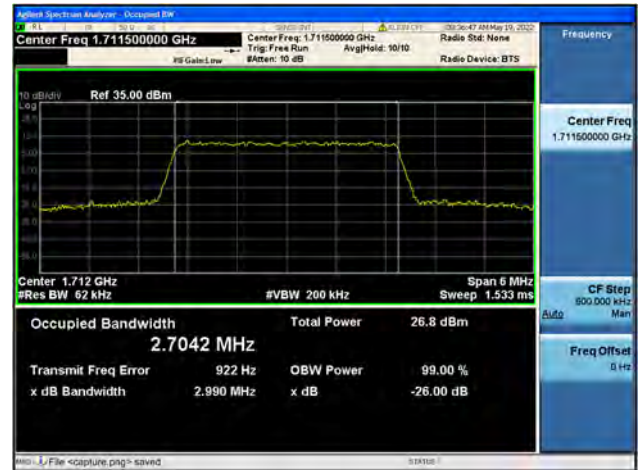
Band4 / 1.4MHz / High CH / 16QAM



Band4 / 1.4MHz / High CH / 64QAM



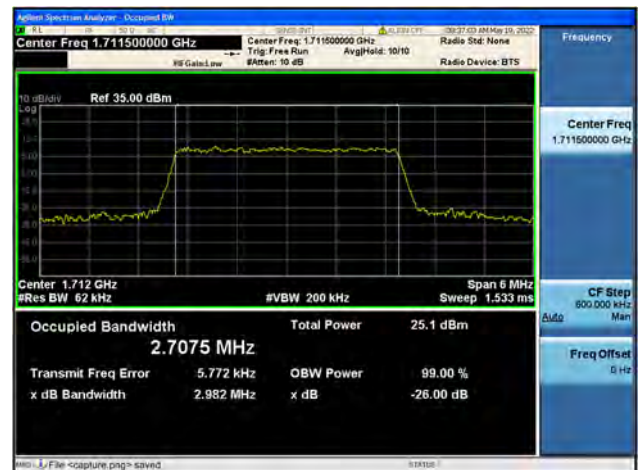
Band4 / 3MHz / Low CH / QPSK



Band4 / 3MHz / Low CH / 16QAM

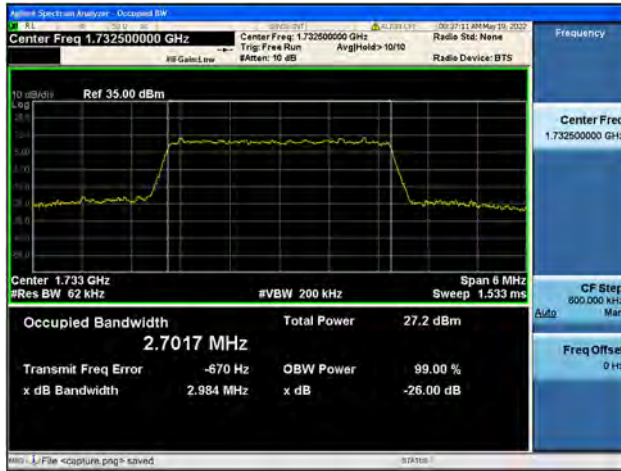


Band4 / 3MHz / Low CH / 64QAM





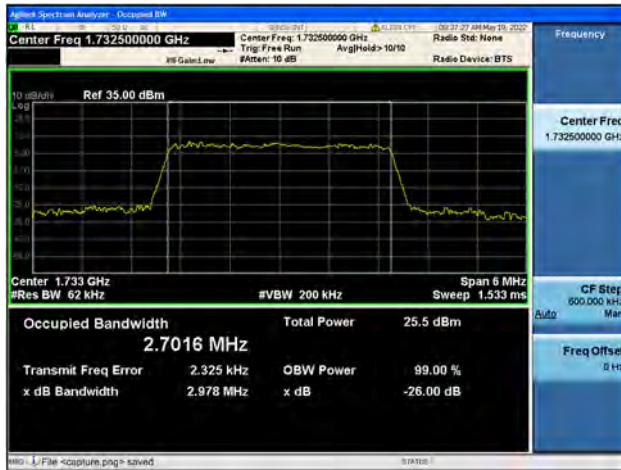
Band4 / 3MHz / Mid CH / QPSK



Band4 / 3MHz / Mid CH / 16QAM



Band4 / 3MHz / Mid CH / 64QAM



Band4 / 3MHz / High CH / QPSK



Band4 / 3MHz / High CH / 16QAM

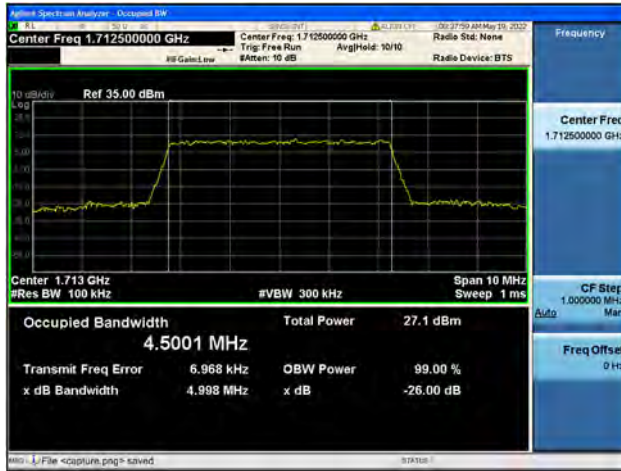


Band4 / 3MHz / High CH / 64QAM





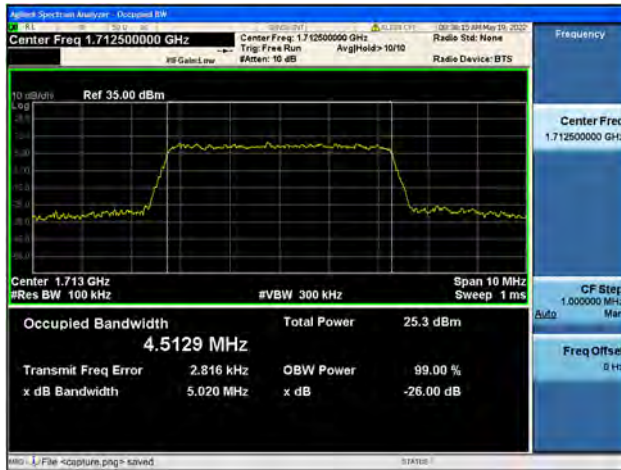
Band4 / 5MHz / Low CH / QPSK



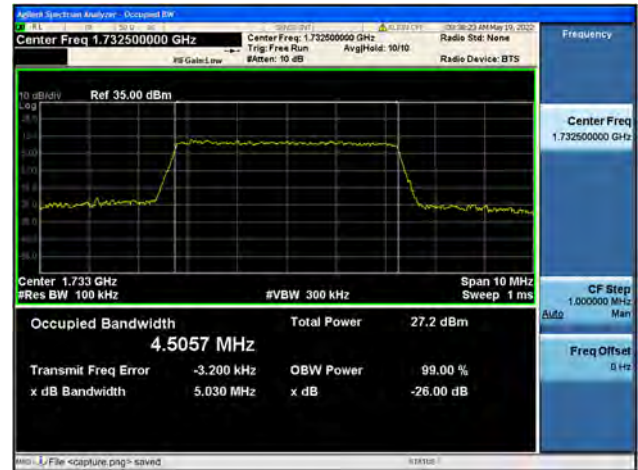
Band4 / 5MHz / Low CH / 16QAM



Band4 / 5MHz / Low CH / 64QAM



Band4 / 5MHz / Mid CH / QPSK

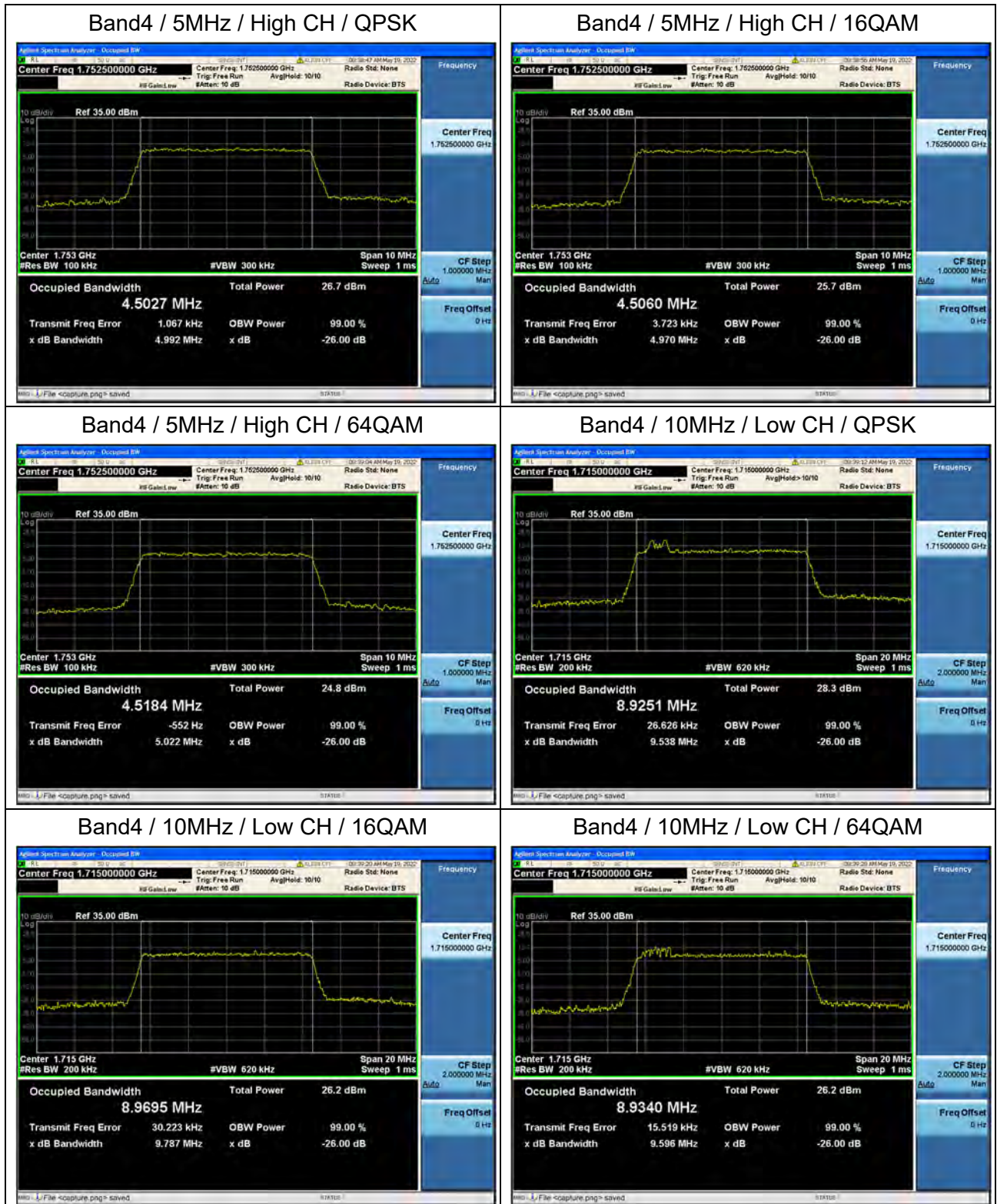


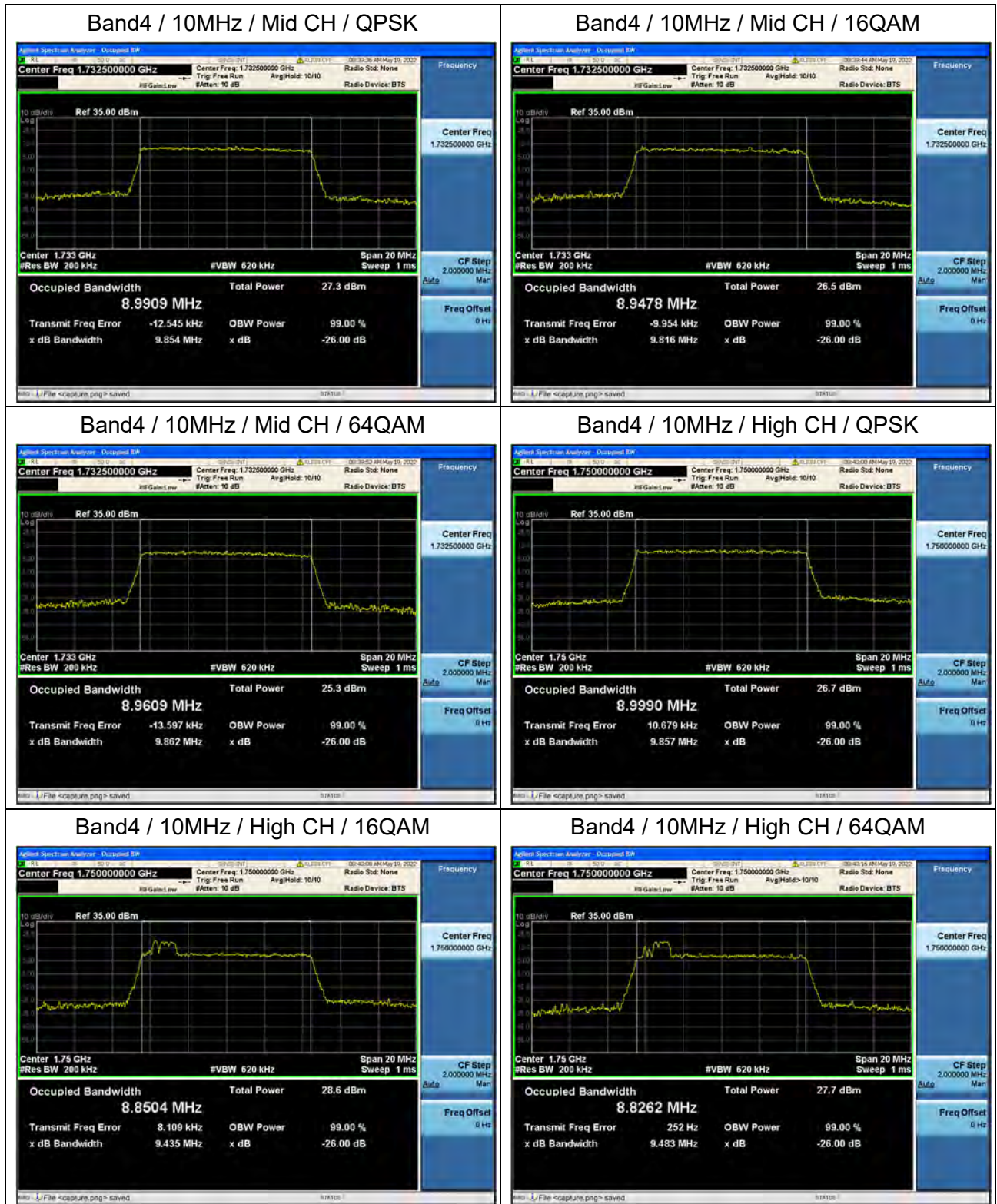
Band4 / 5MHz / Mid CH / 16QAM

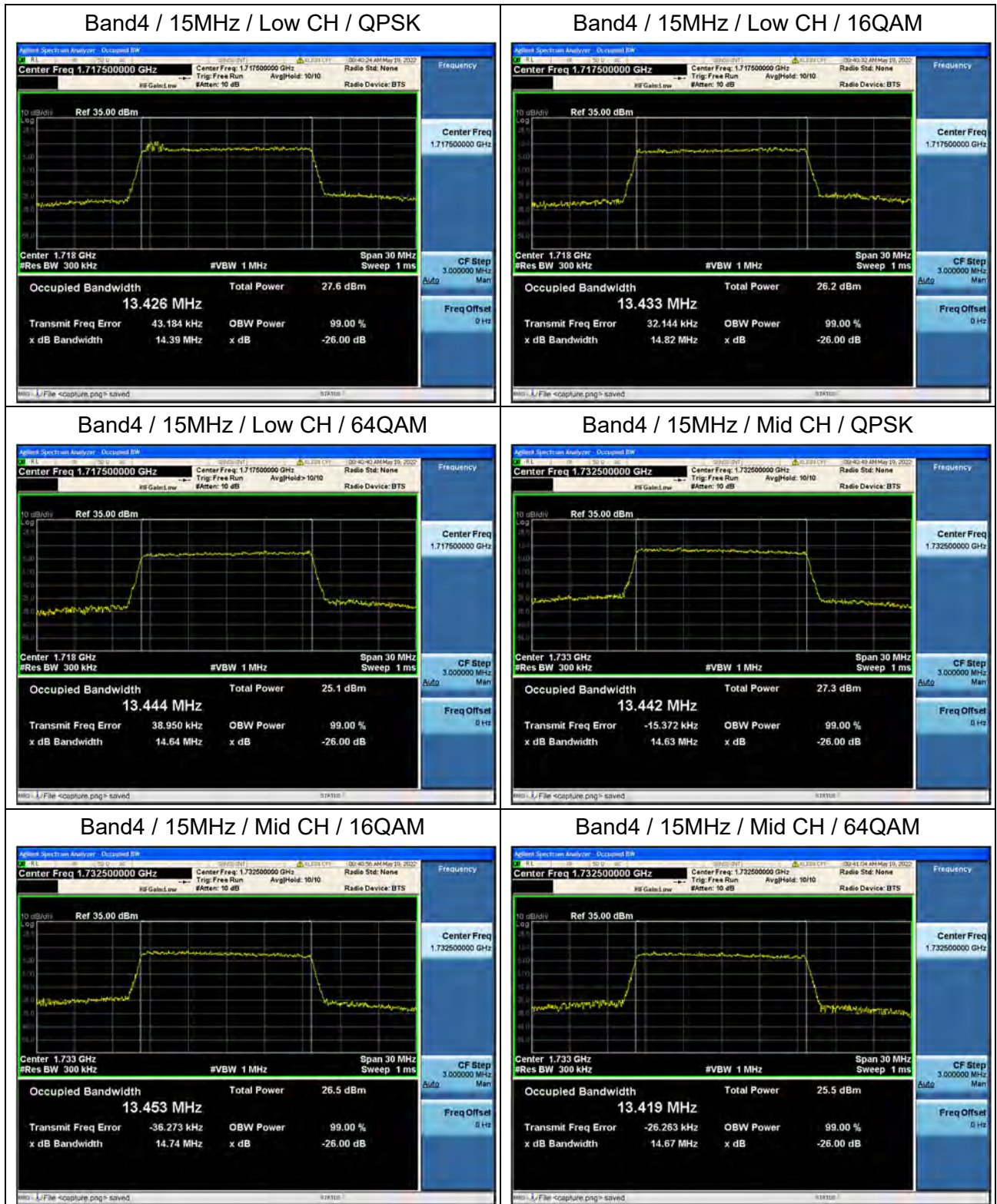


Band4 / 5MHz / Mid CH / 64QAM











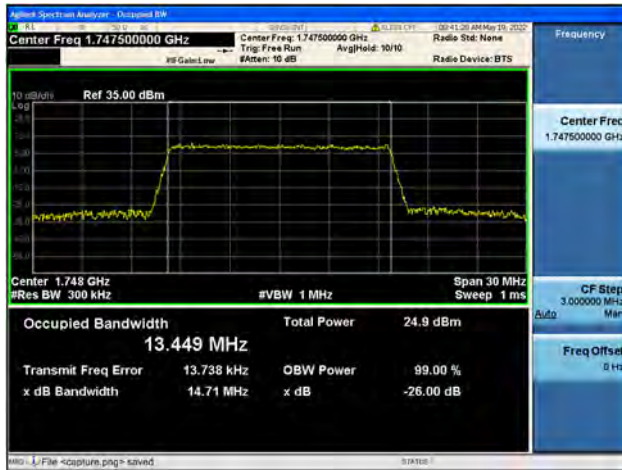
Band4 / 15MHz / High CH / QPSK



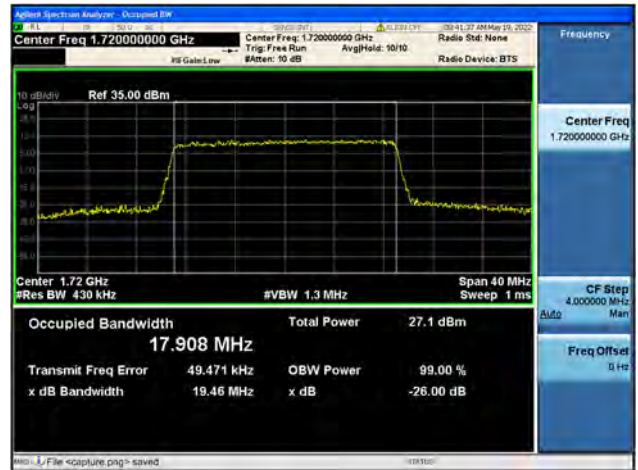
Band4 / 15MHz / High CH / 16QAM



Band4 / 15MHz / High CH / 64QAM



Band4 / 20MHz / Low CH / QPSK

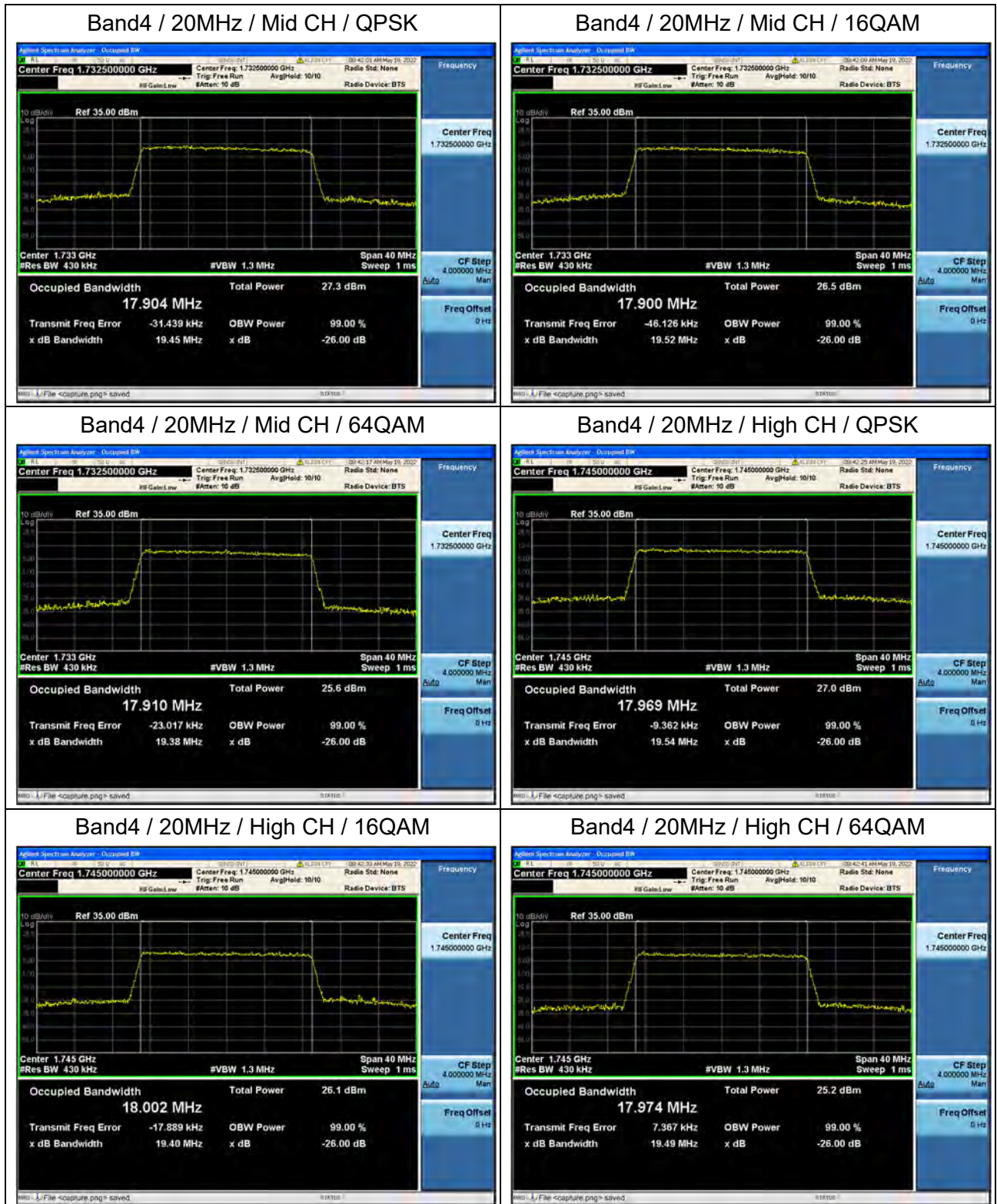


Band4 / 20MHz / Low CH / 16QAM



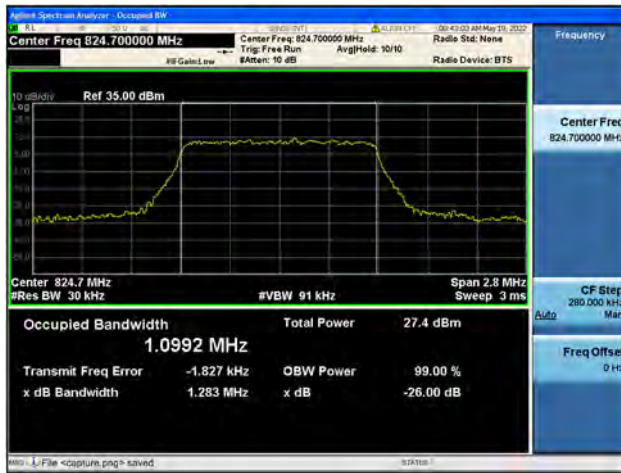
Band4 / 20MHz / Low CH / 64QAM



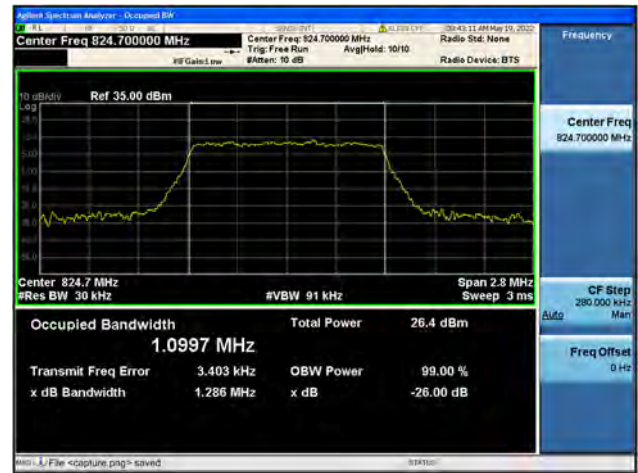




Band5 / 1.4MHz / Low CH / QPSK



Band5 / 1.4MHz / Low CH / 16QAM



Band5 / 1.4MHz / Low CH / 64QAM



Band5 / 1.4MHz / Mid CH / QPSK

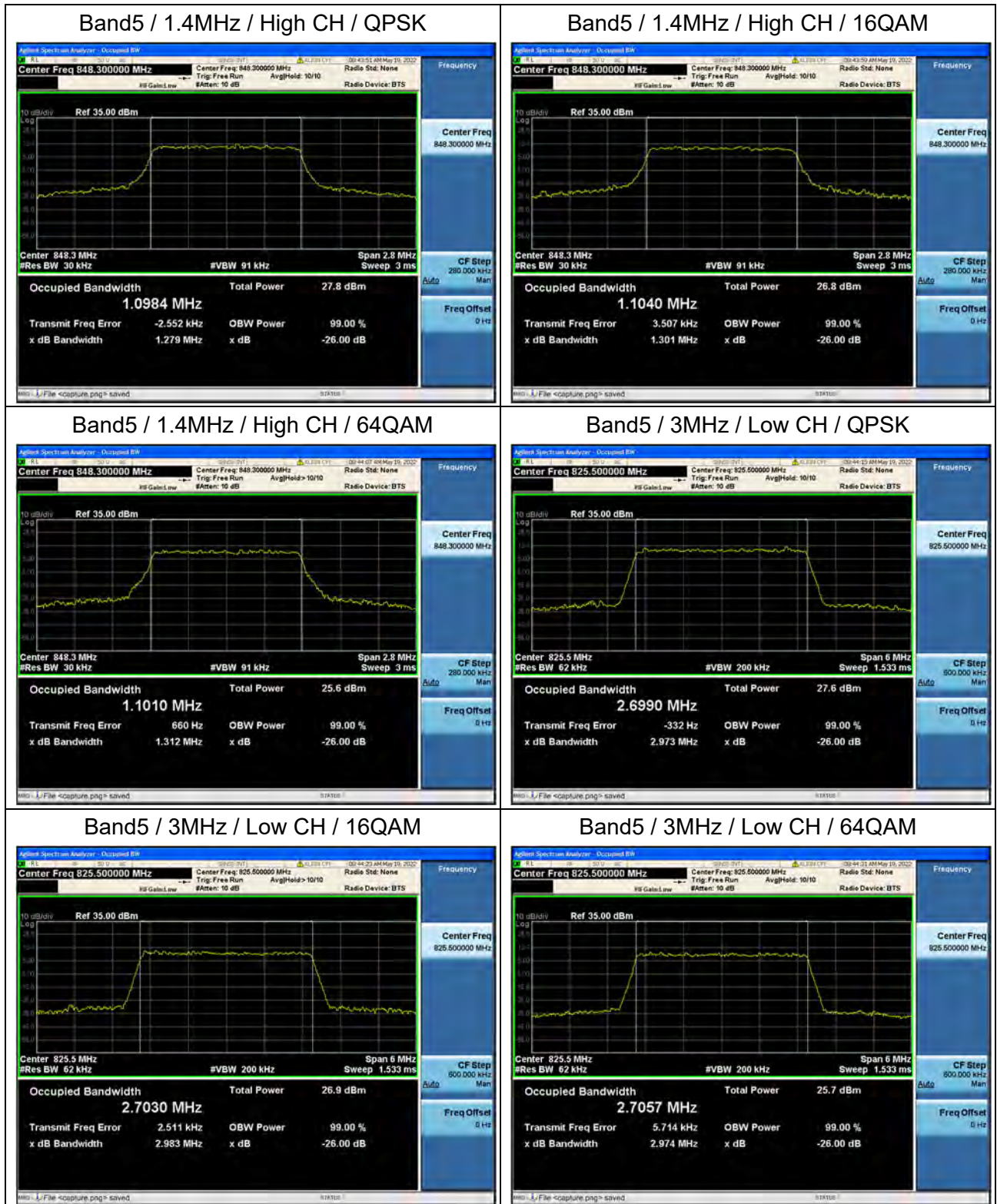


Band5 / 1.4MHz / Mid CH / 16QAM



Band5 / 1.4MHz / Mid CH / 64QAM







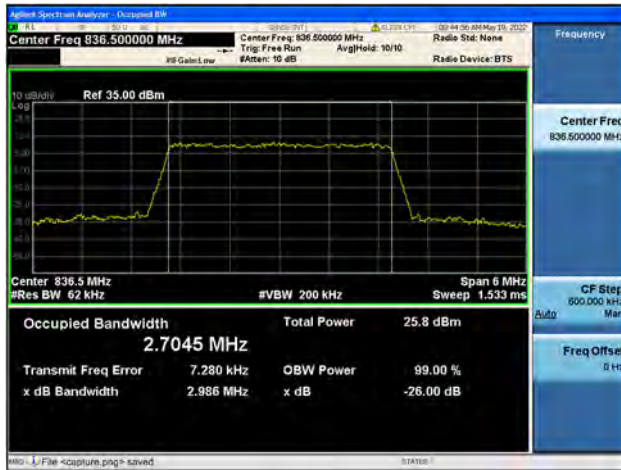
Band5 / 3MHz / Mid CH / QPSK



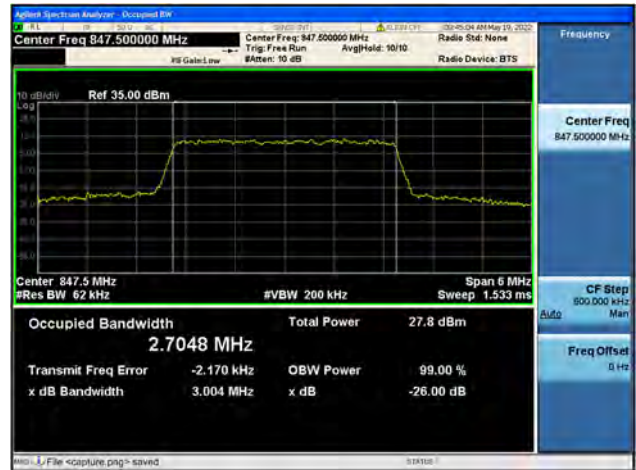
Band5 / 3MHz / Mid CH / 16QAM



Band5 / 3MHz / Mid CH / 64QAM



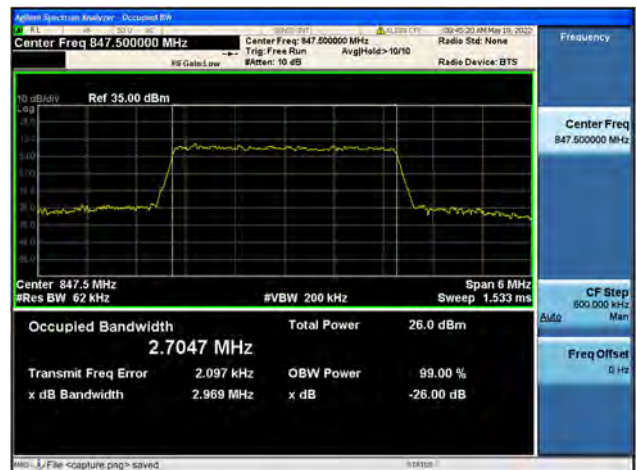
Band5 / 3MHz / High CH / QPSK

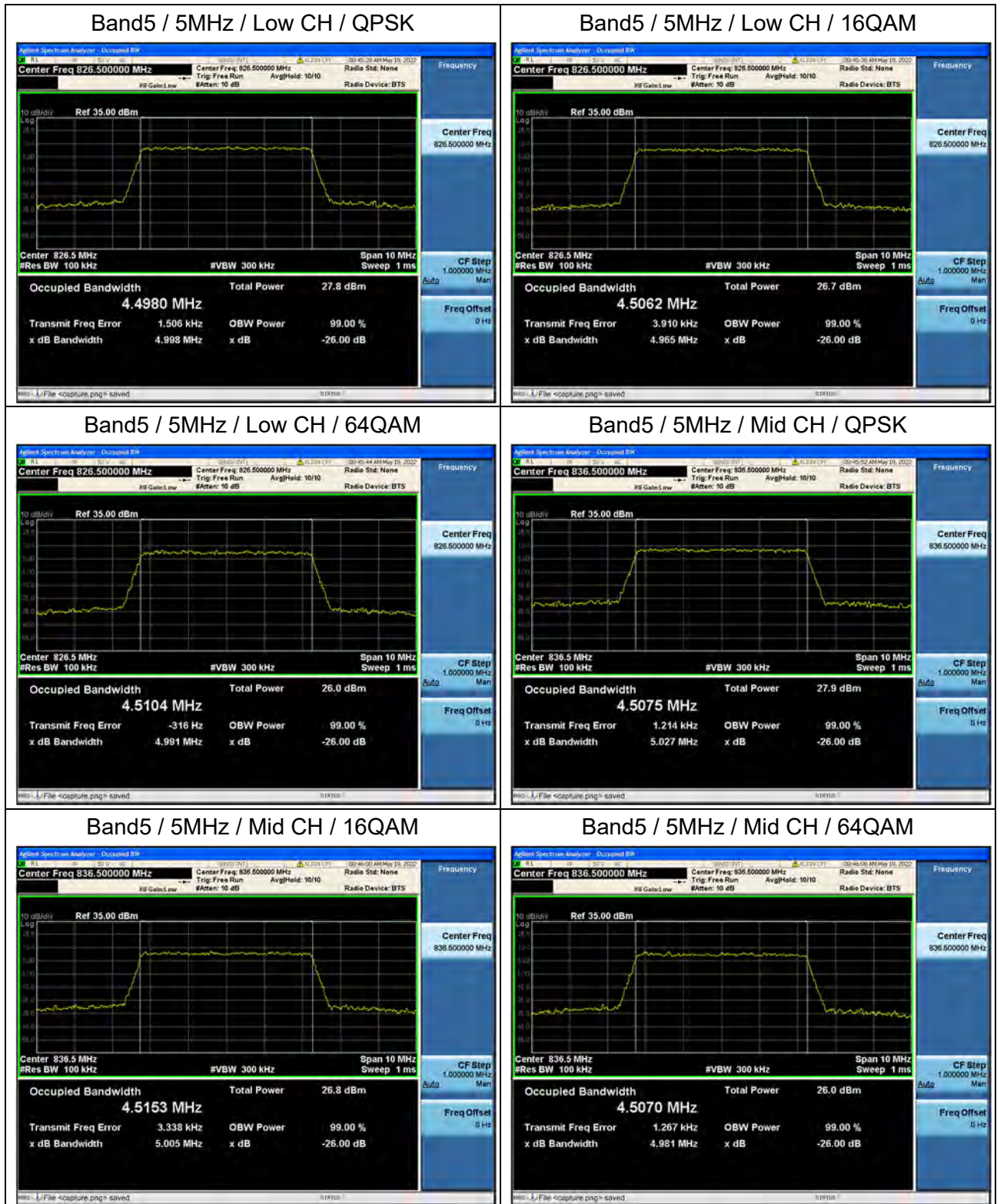


Band5 / 3MHz / High CH / 16QAM



Band5 / 3MHz / High CH / 64QAM







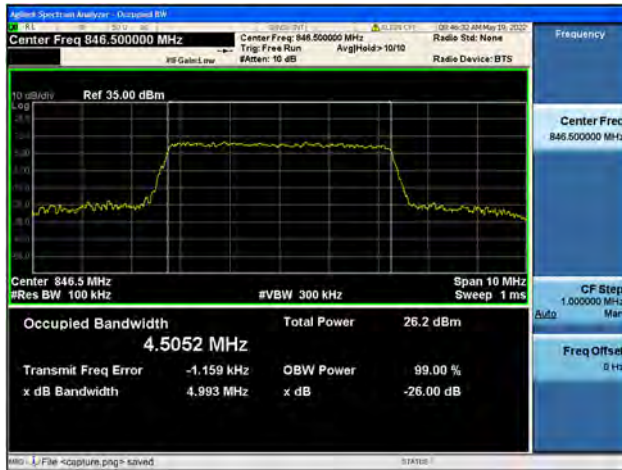
Band5 / 5MHz / High CH / QPSK



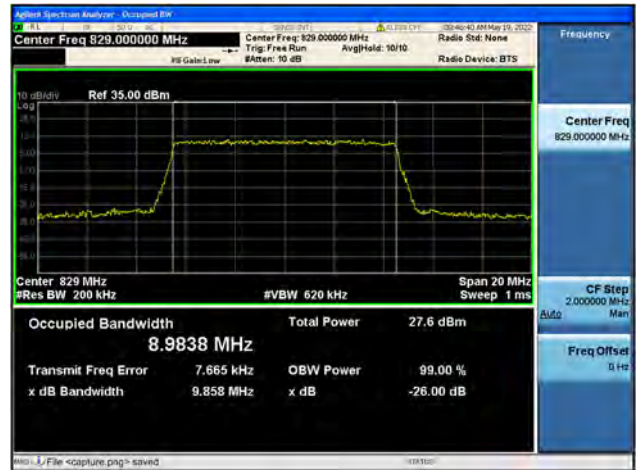
Band5 / 5MHz / High CH / 16QAM



Band5 / 5MHz / High CH / 64QAM



Band5 / 10MHz / Low CH / QPSK

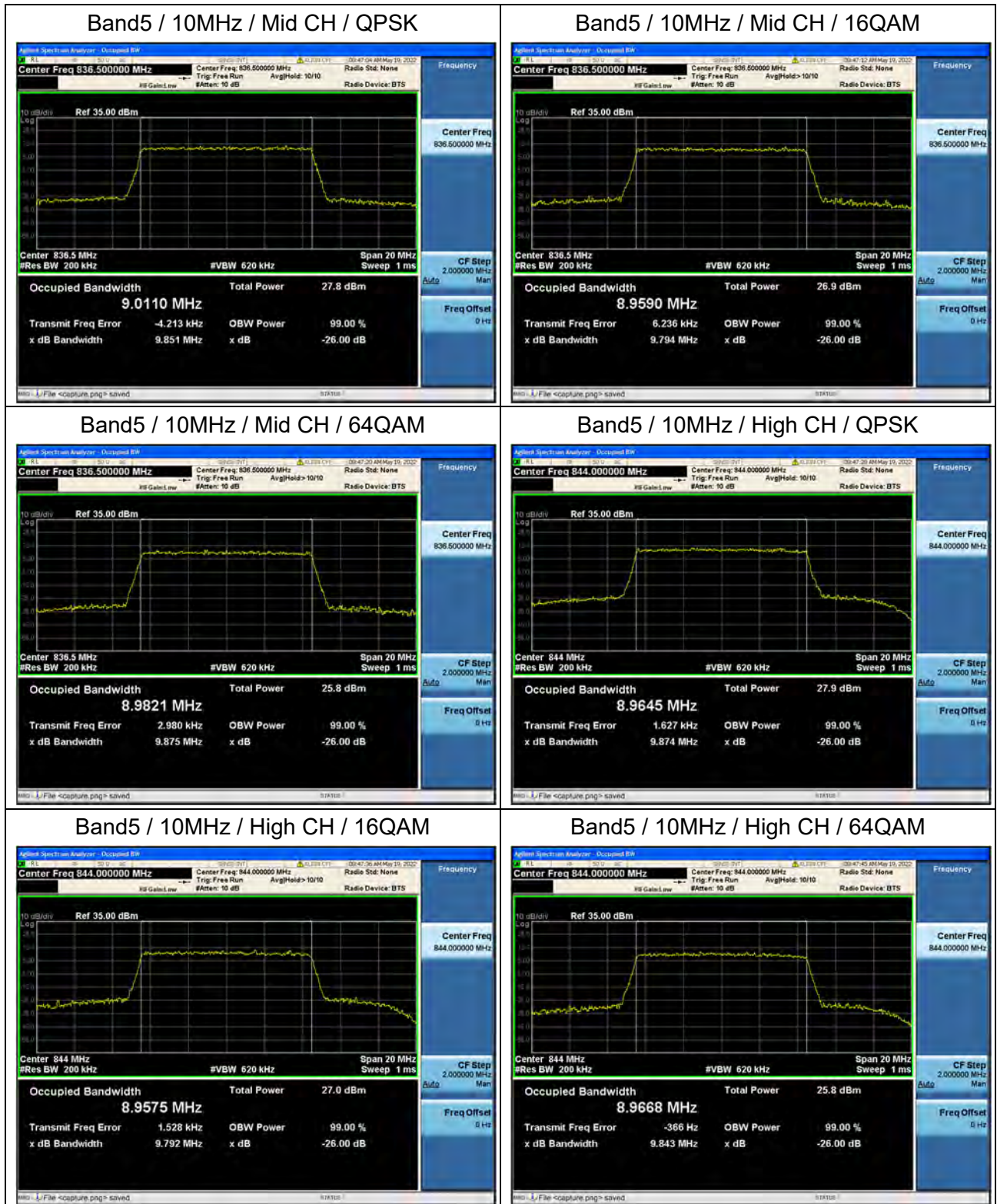


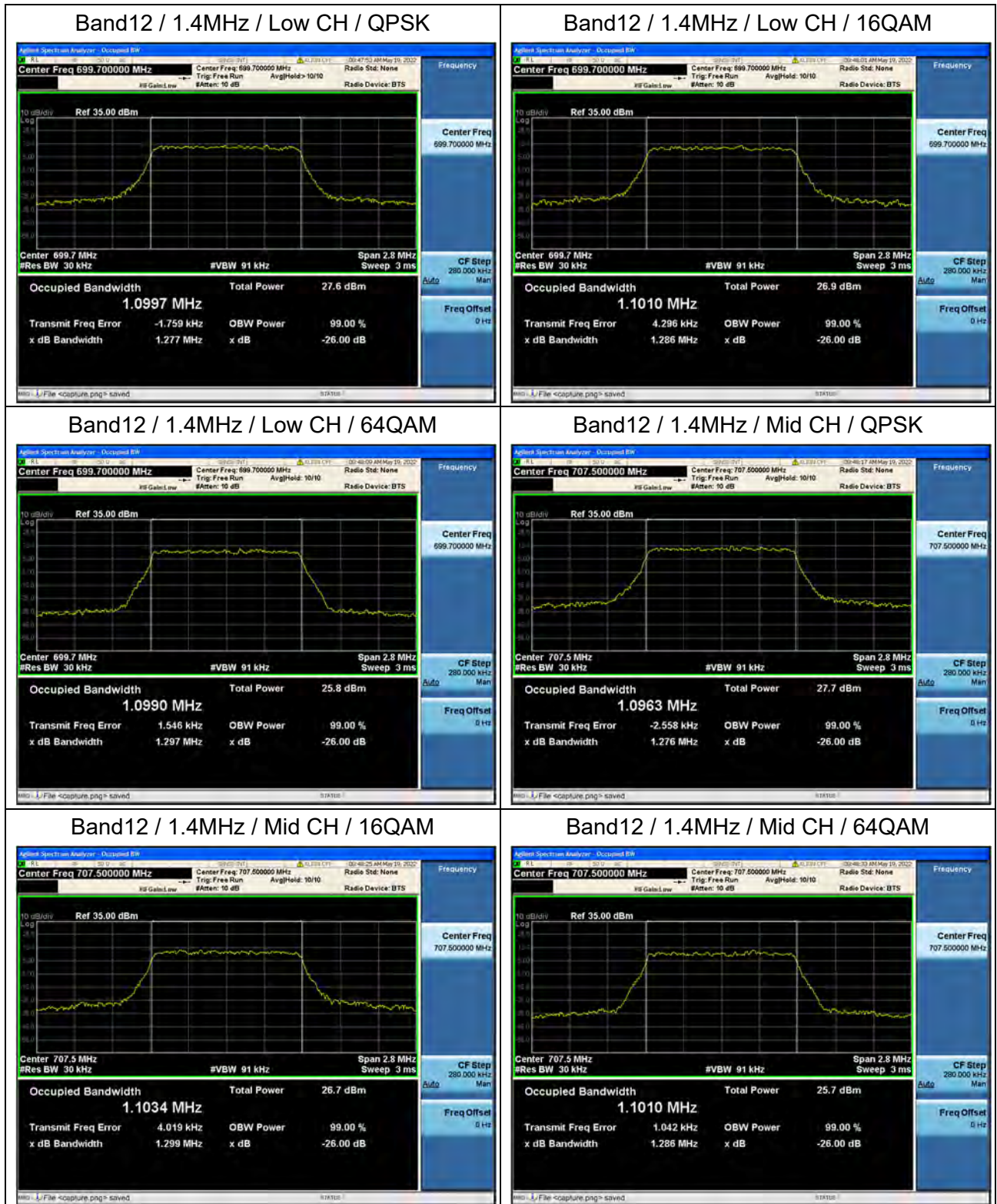
Band5 / 10MHz / Low CH / 16QAM

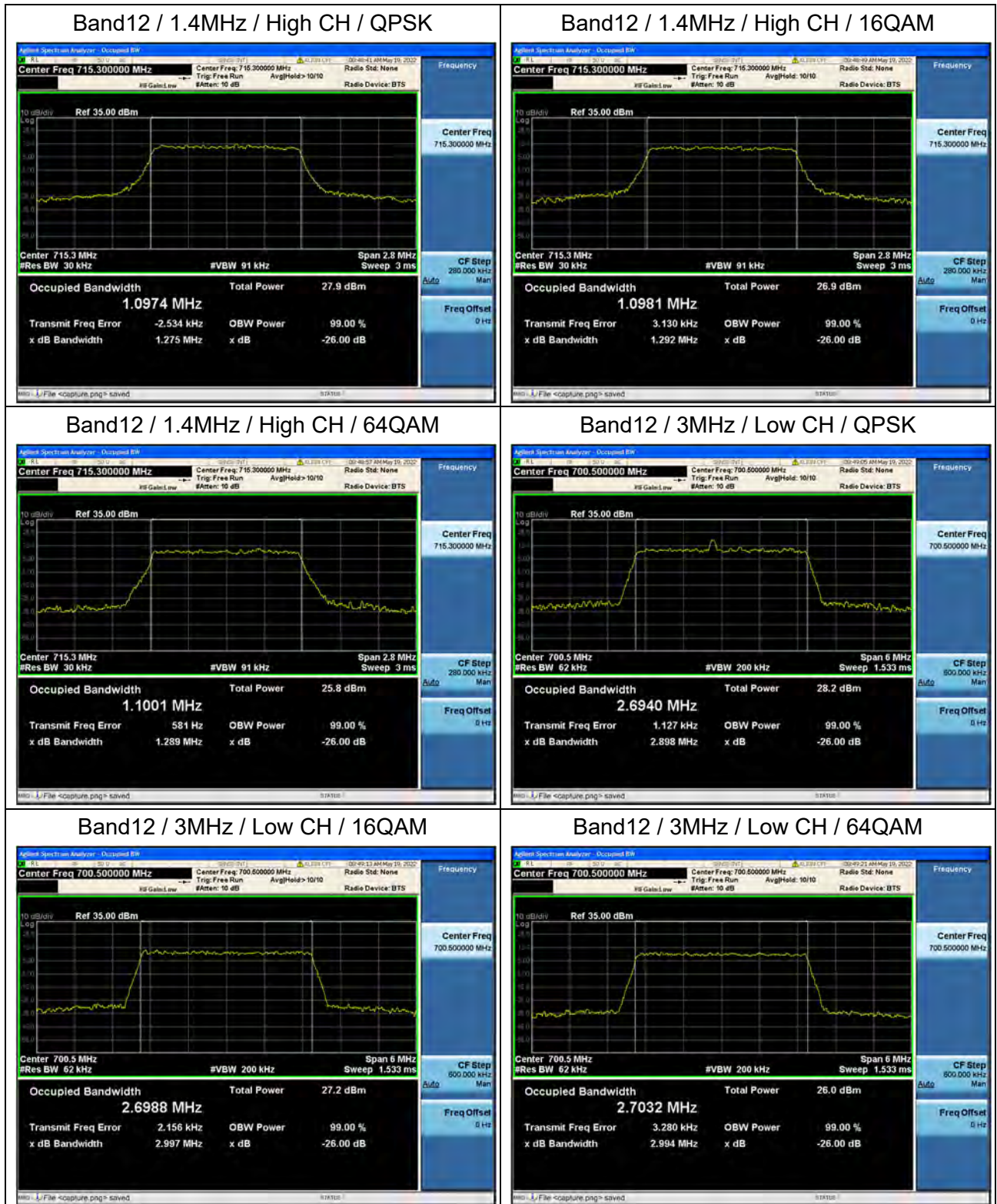


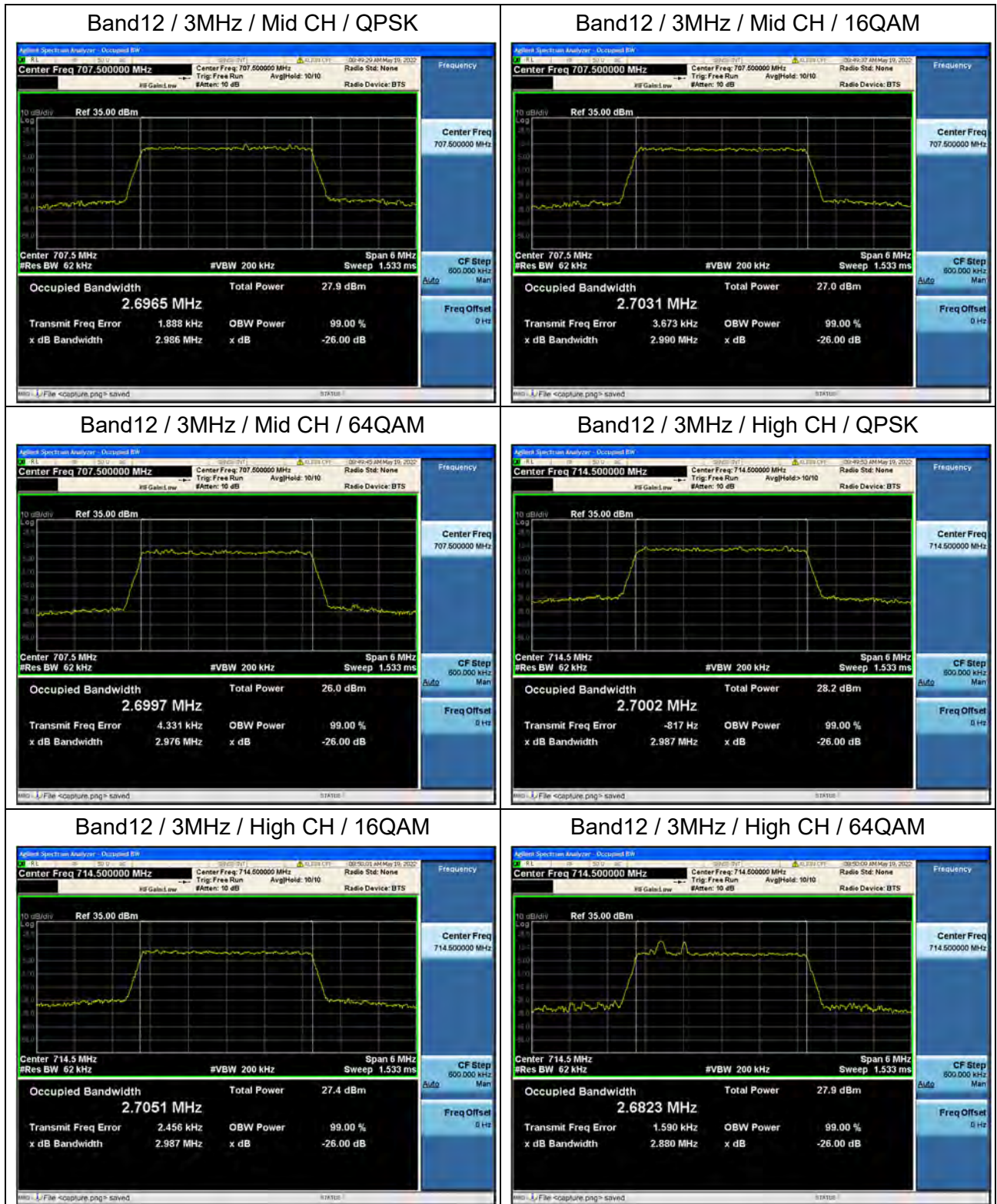
Band5 / 10MHz / Low CH / 64QAM

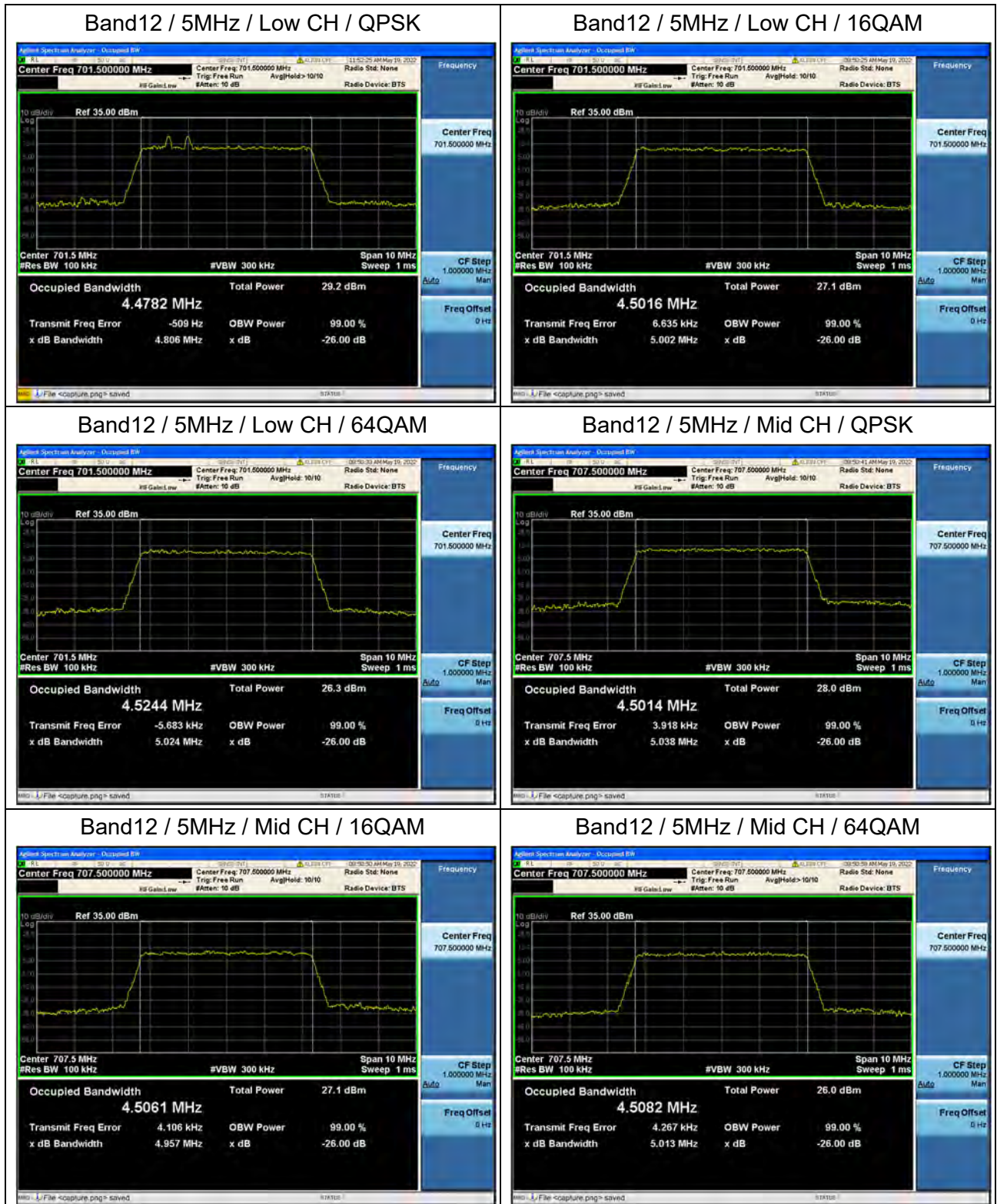


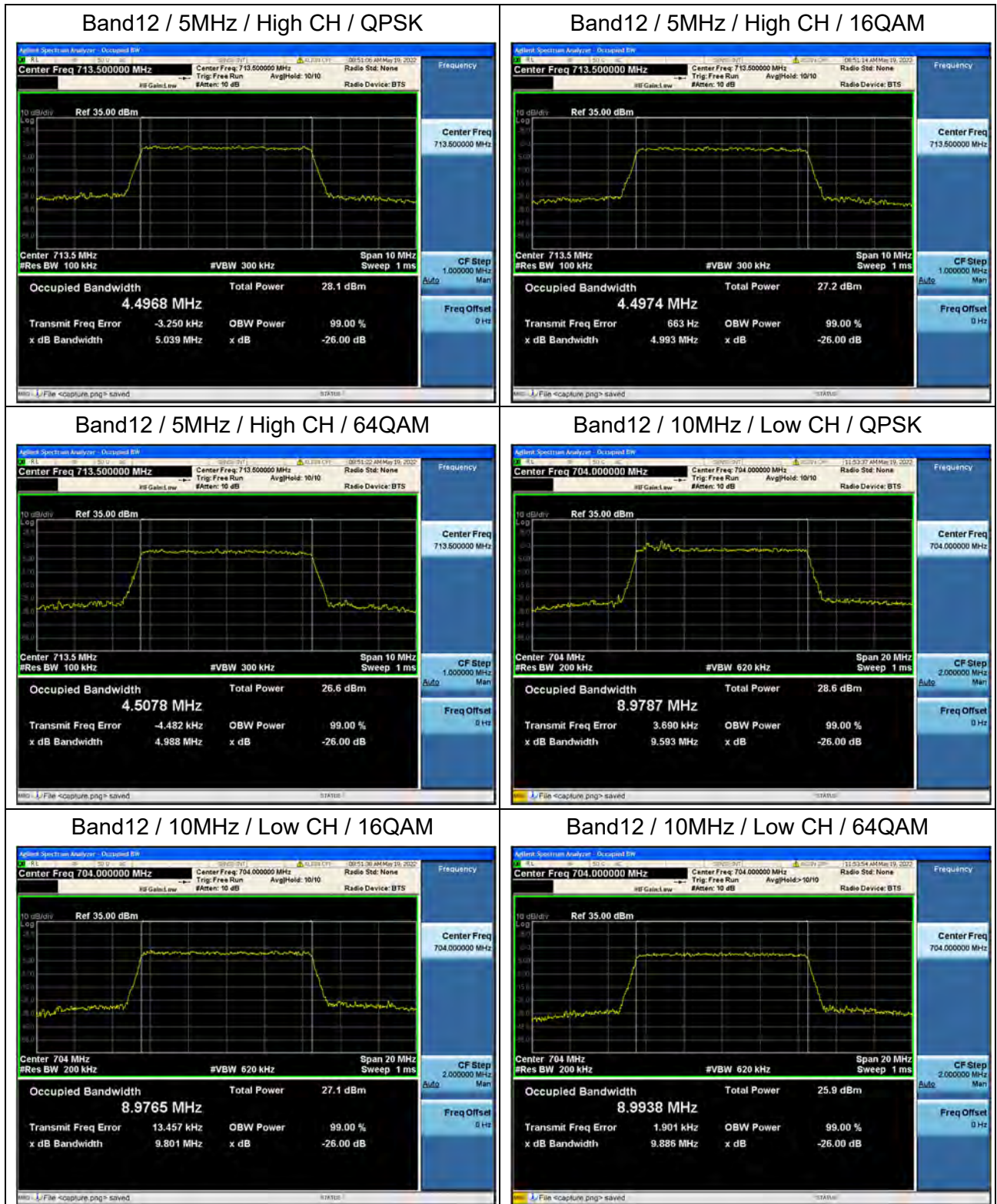






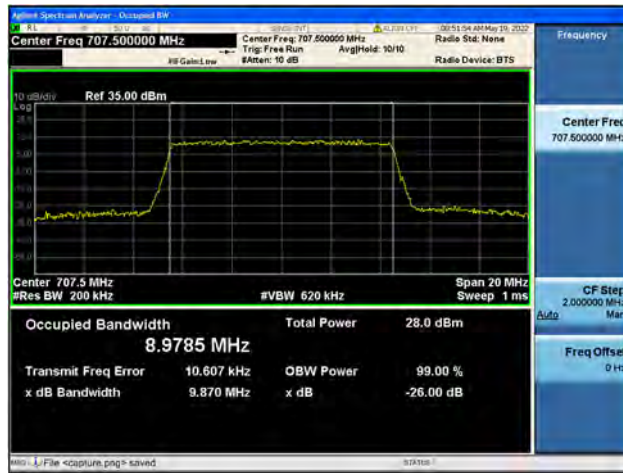








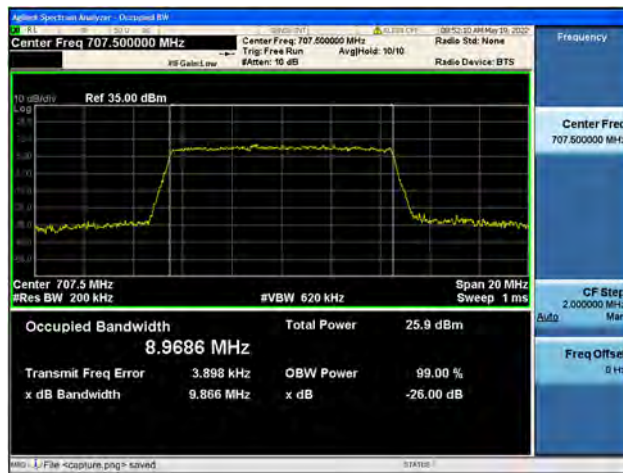
Band12 / 10MHz / Mid CH / QPSK



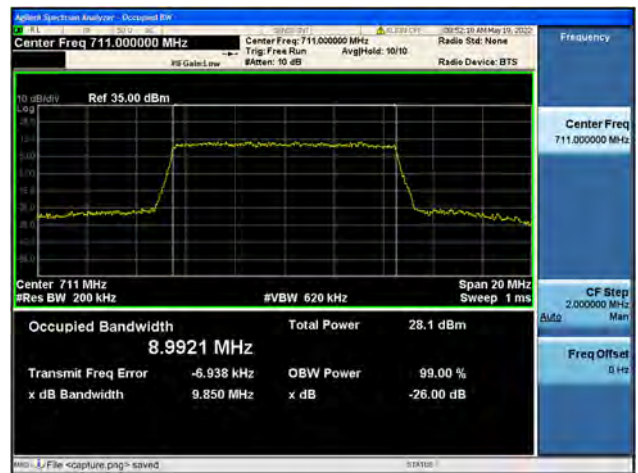
Band12 / 10MHz / Mid CH / 16QAM



Band12 / 10MHz / Mid CH / 64QAM



Band12 / 10MHz / High CH / QPSK



Band12 / 10MHz / High CH / 16QAM

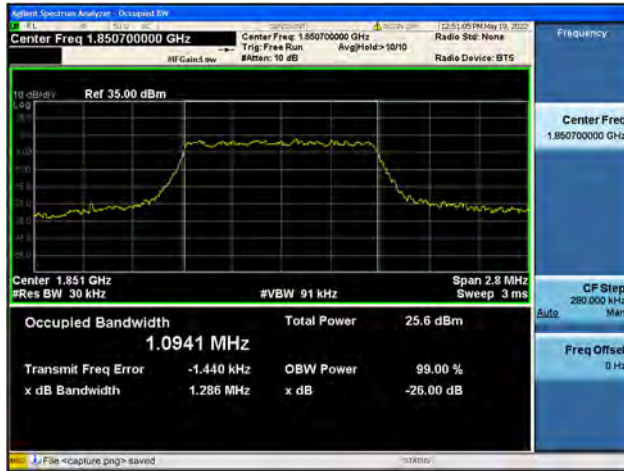


Band12 / 10MHz / High CH / 64QAM





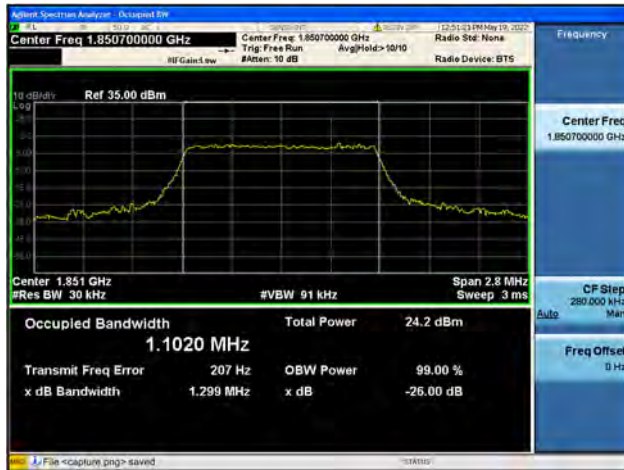
Band25 / 1.4MHz / Low CH / QPSK



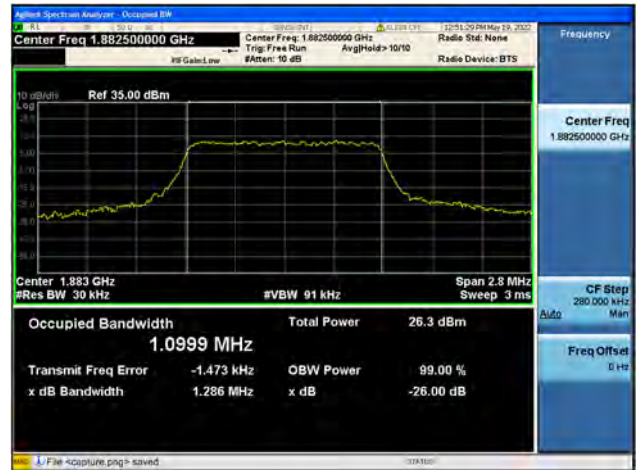
Band25 / 1.4MHz / Low CH / 16QAM



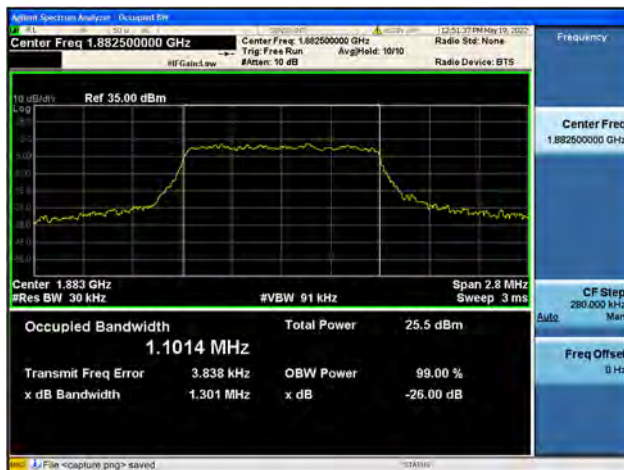
Band25 / 1.4MHz / Low CH / 64QAM



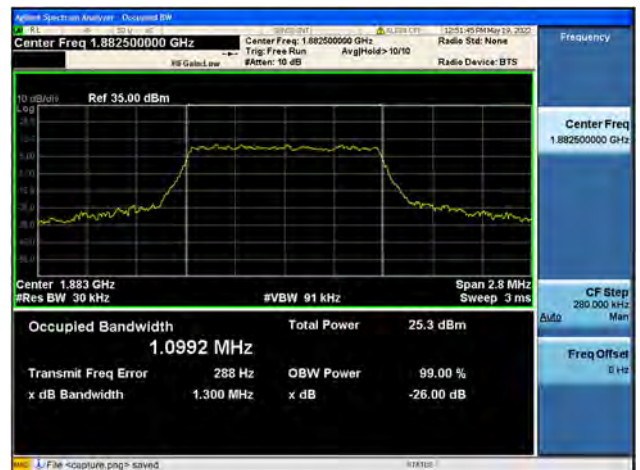
Band25 / 1.4MHz / Mid CH / QPSK



Band25 / 1.4MHz / Mid CH / 16QAM

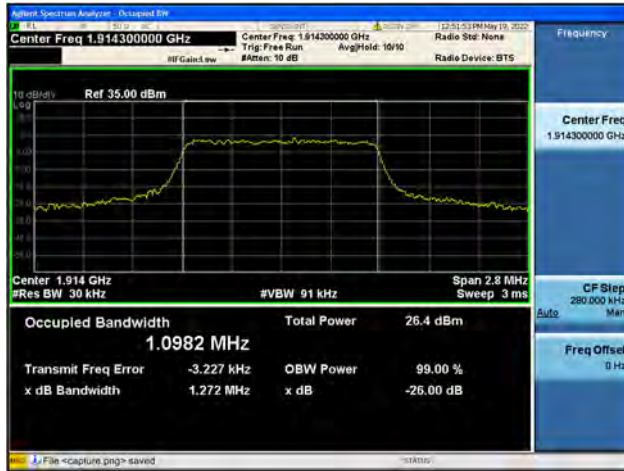


Band25 / 1.4MHz / Mid CH / 64QAM

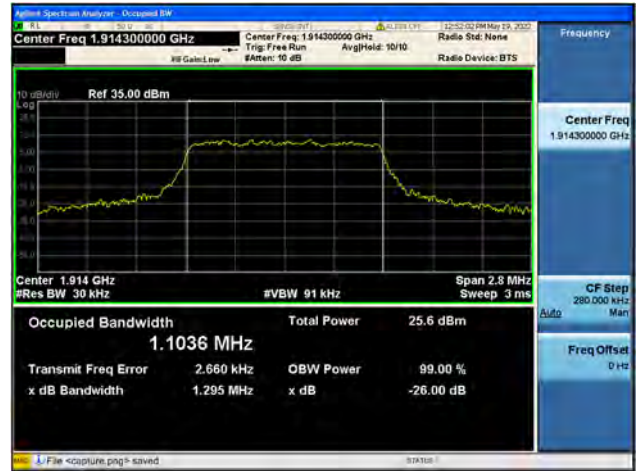




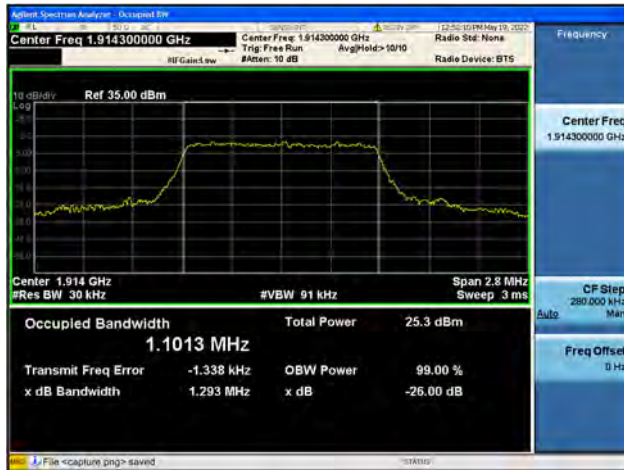
Band25 / 1.4MHz / High CH / QPSK



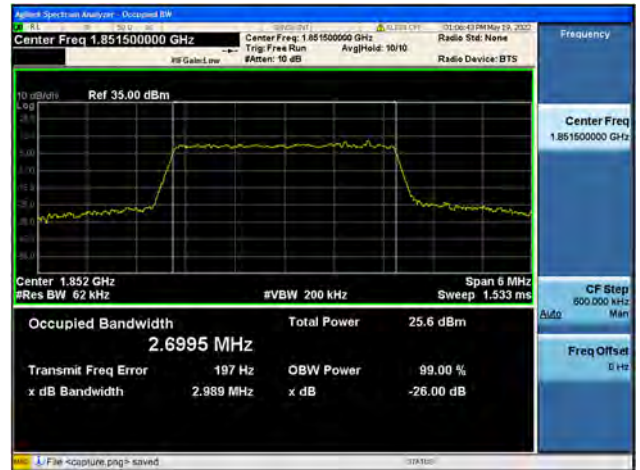
Band25 / 1.4MHz / High CH / 16QAM



Band25 / 1.4MHz / High CH / 64QAM



Band25 / 3MHz / Low CH / QPSK



Band25 / 3MHz / Low CH / 16QAM

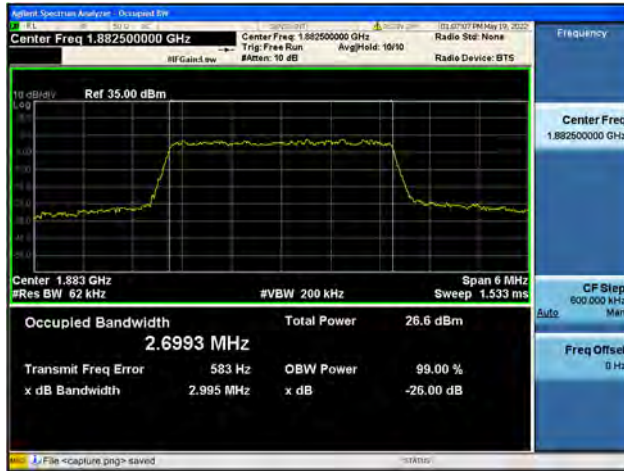


Band25 / 3MHz / Low CH / 64QAM

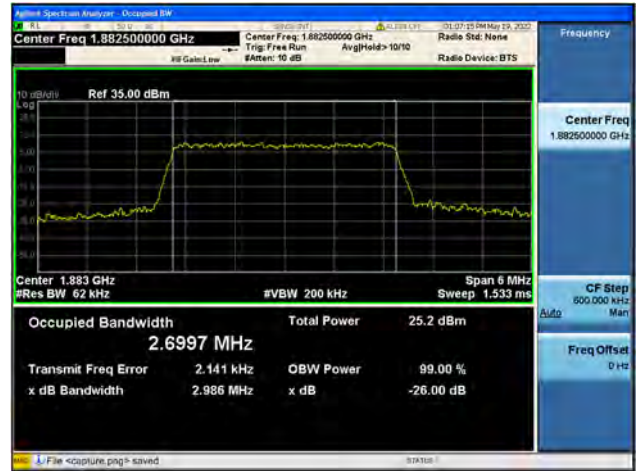




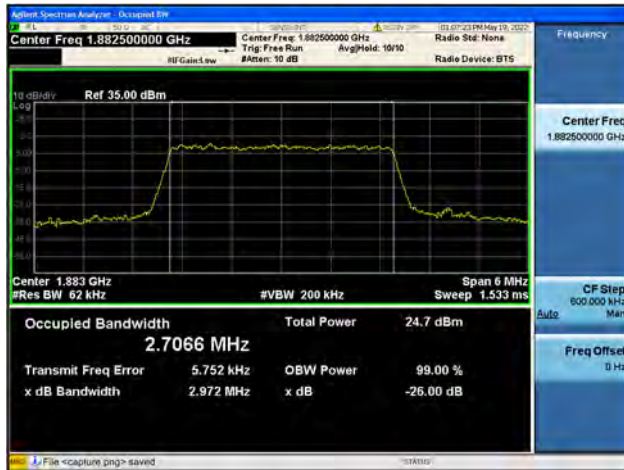
Band25 / 3MHz / Mid CH / QPSK



Band25 / 3MHz / Mid CH / 16QAM



Band25 / 3MHz / Mid CH / 64QAM



Band25 / 3MHz / High CH / QPSK

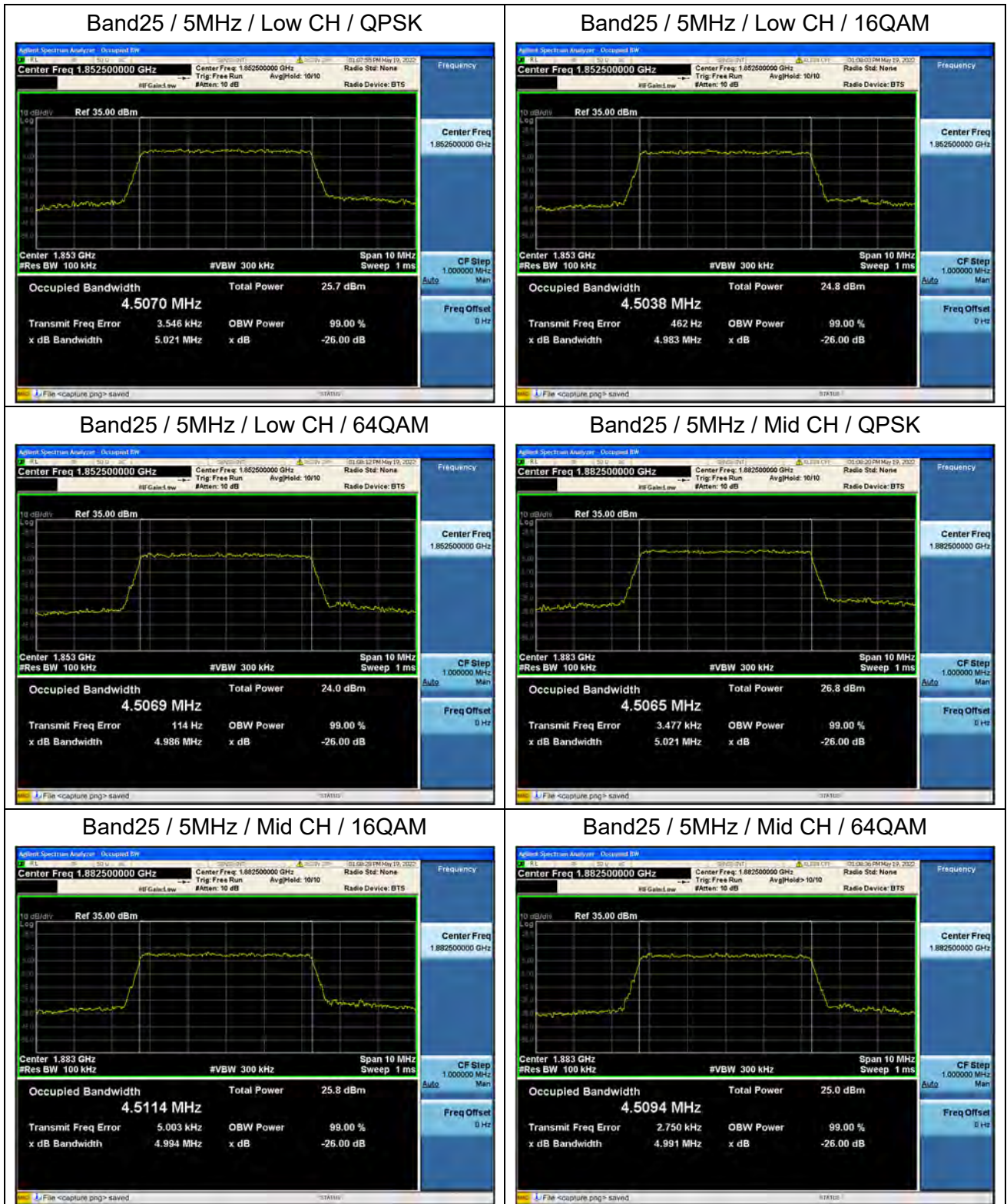


Band25 / 3MHz / High CH / 16QAM



Band25 / 3MHz / High CH / 64QAM







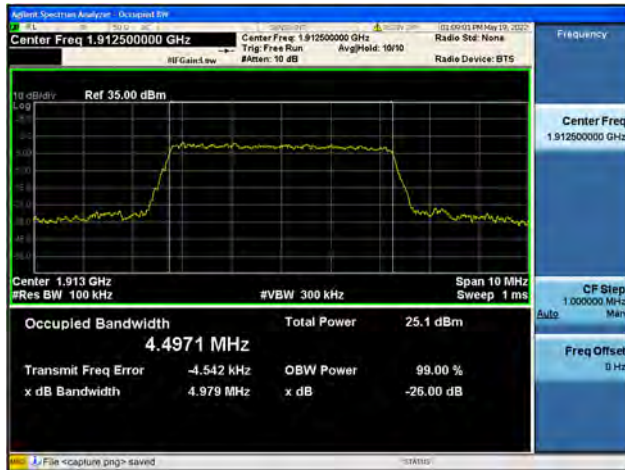
Band25 / 5MHz / High CH / QPSK



Band25 / 5MHz / High CH / 16QAM



Band25 / 5MHz / High CH / 64QAM



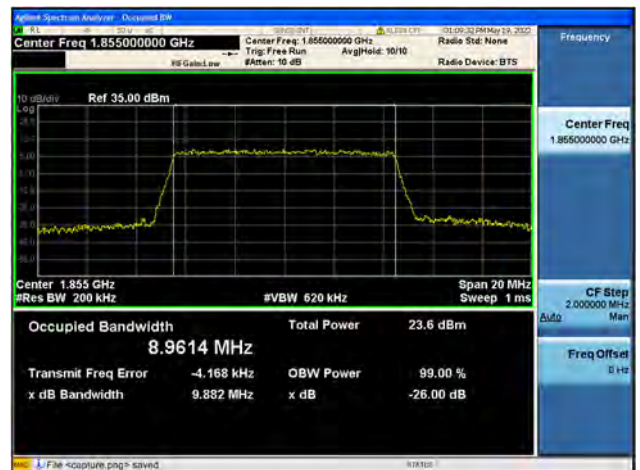
Band25 / 10MHz / Low CH / QPSK



Band25 / 10MHz / Low CH / 16QAM



Band25 / 10MHz / Low CH / 64QAM





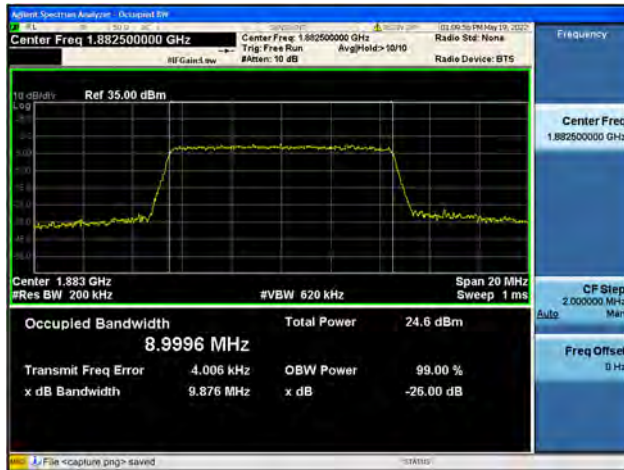
Band25 / 10MHz / Mid CH / QPSK



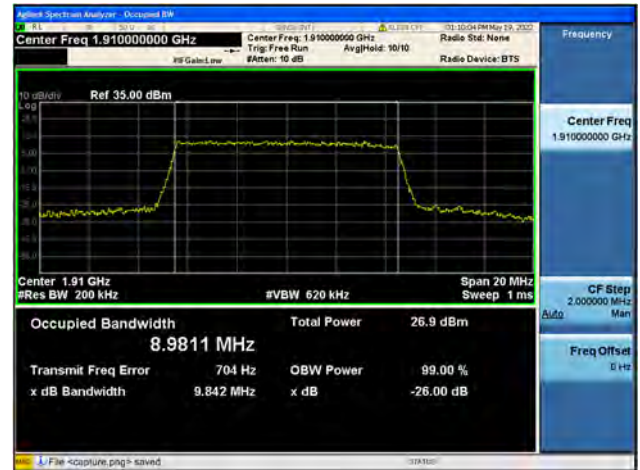
Band25 / 10MHz / Mid CH / 16QAM



Band25 / 10MHz / Mid CH / 64QAM



Band25 / 10MHz / High CH / QPSK



Band25 / 10MHz / High CH / 16QAM

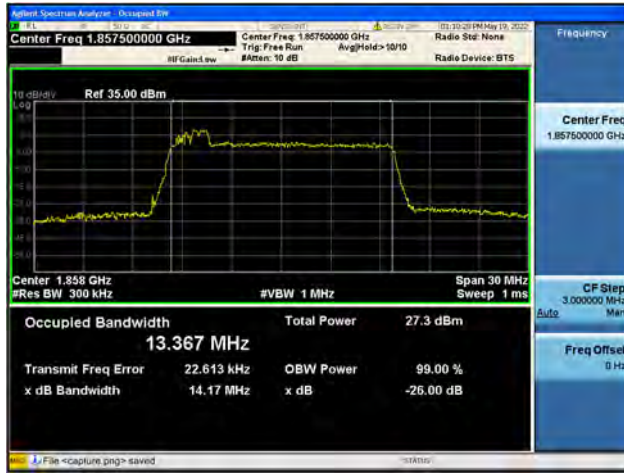


Band25 / 10MHz / High CH / 64QAM

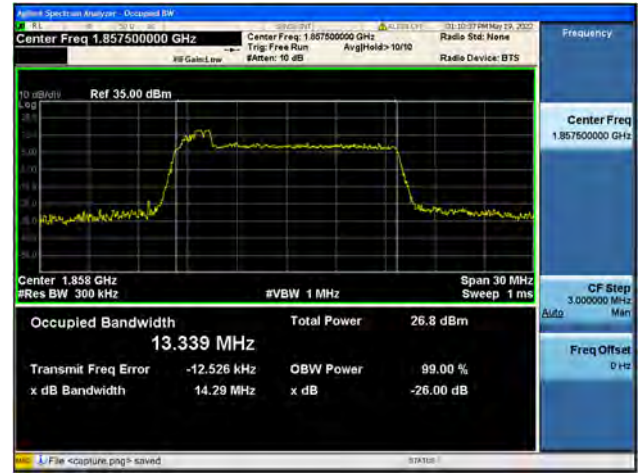




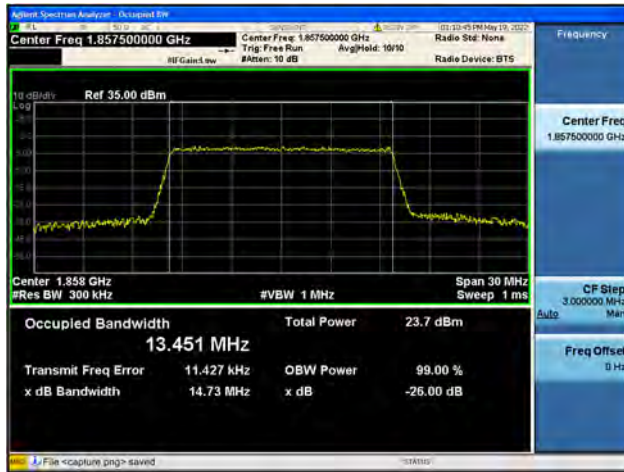
Band25 / 15MHz / Low CH / QPSK



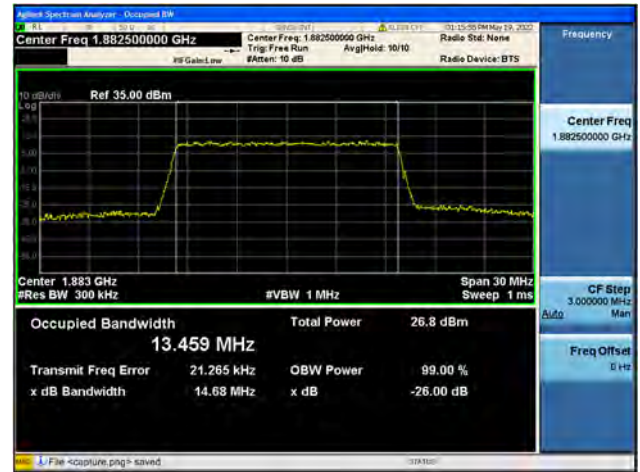
Band25 / 15MHz / Low CH / 16QAM



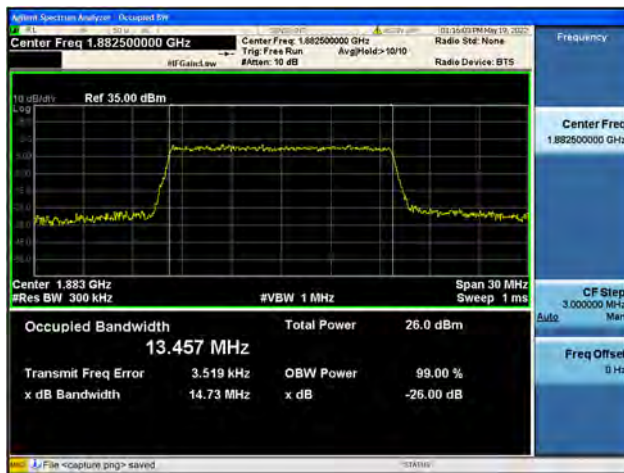
Band25 / 15MHz / Low CH / 64QAM



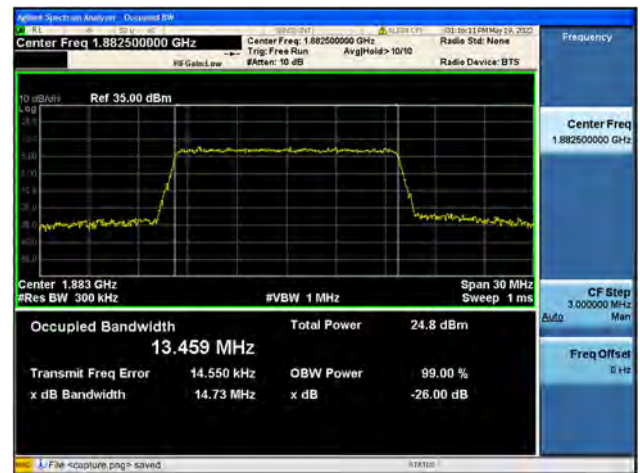
Band25 / 15MHz / Mid CH / QPSK

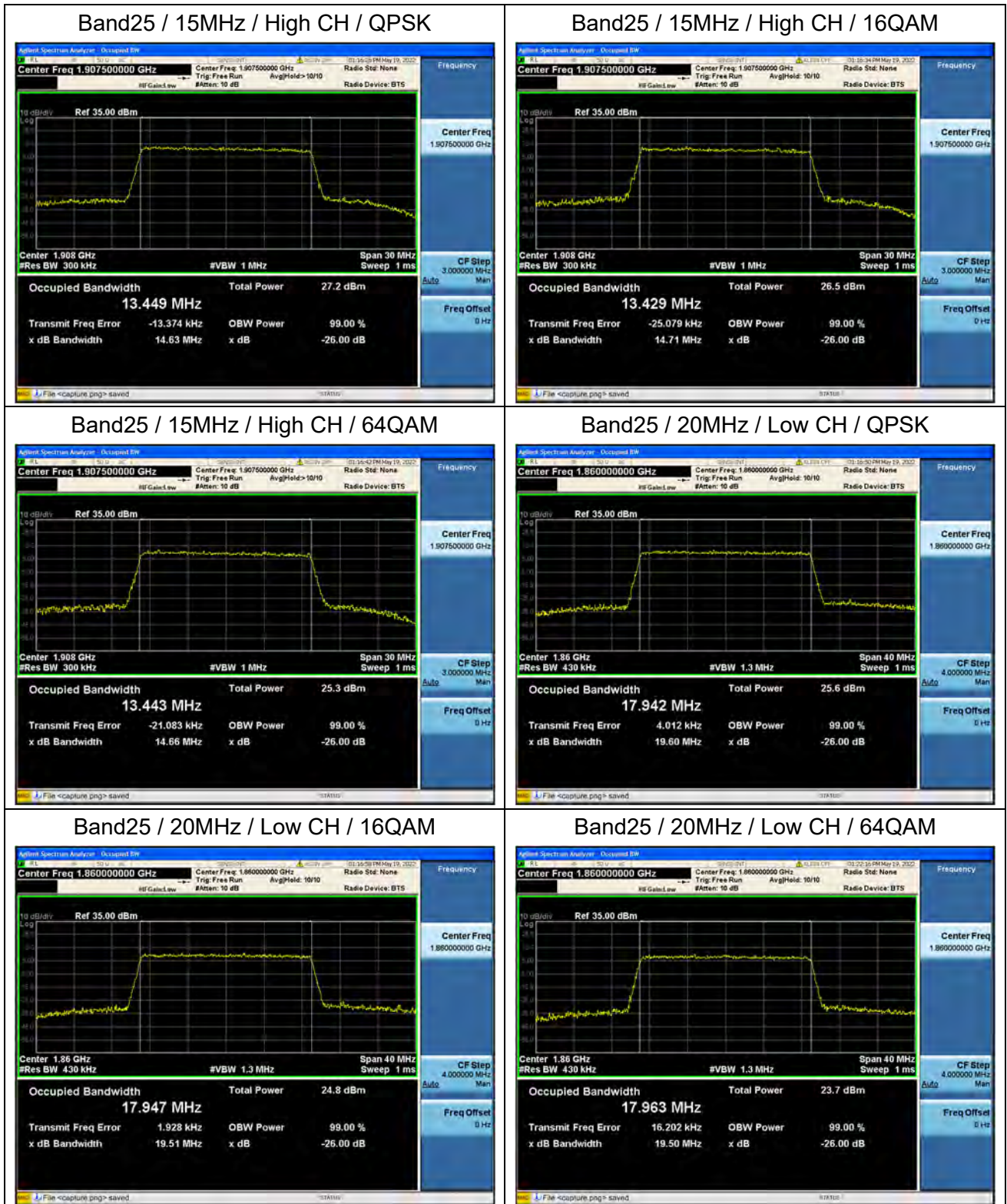


Band25 / 15MHz / Mid CH / 16QAM



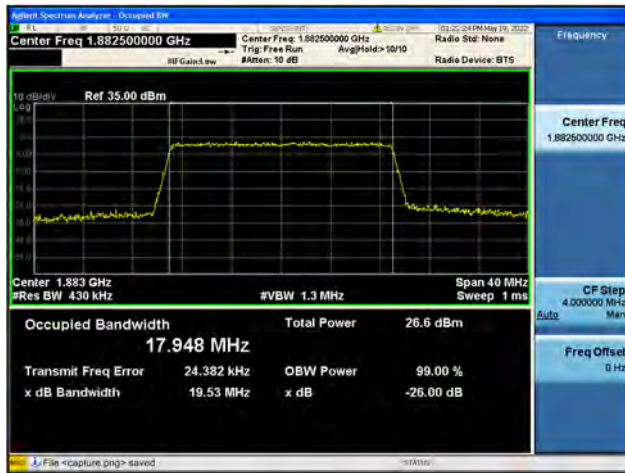
Band25 / 15MHz / Mid CH / 64QAM



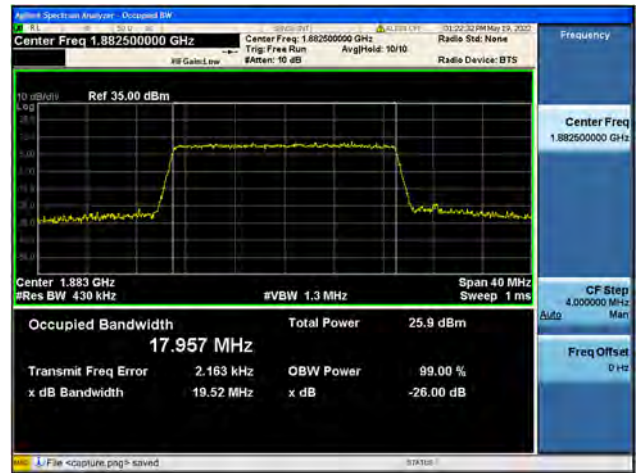




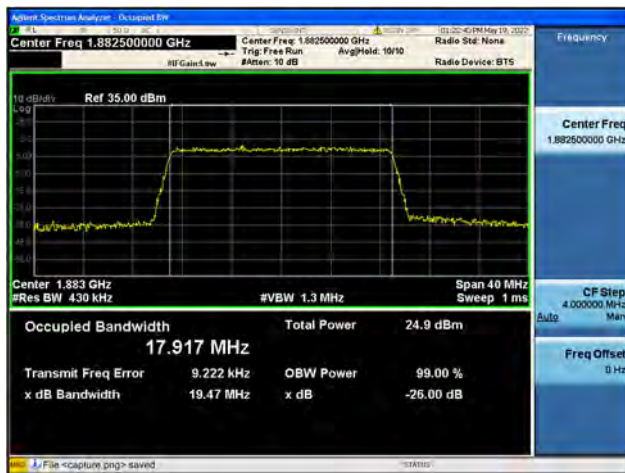
Band25 / 20MHz / Mid CH / QPSK



Band25 / 20MHz / Mid CH / 16QAM



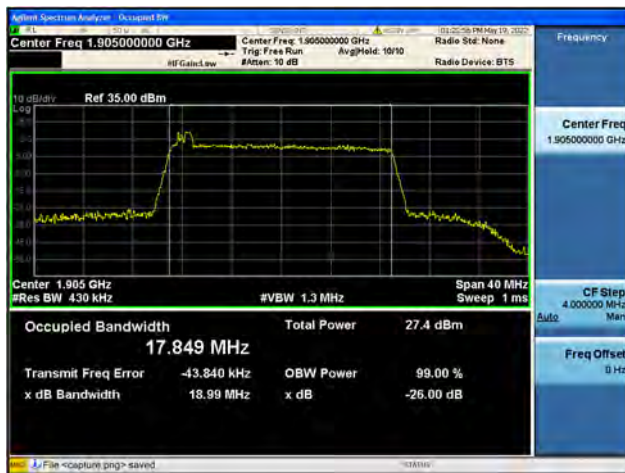
Band25 / 20MHz / Mid CH / 64QAM



Band25 / 20MHz / High CH / QPSK



Band25 / 20MHz / High CH / 16QAM

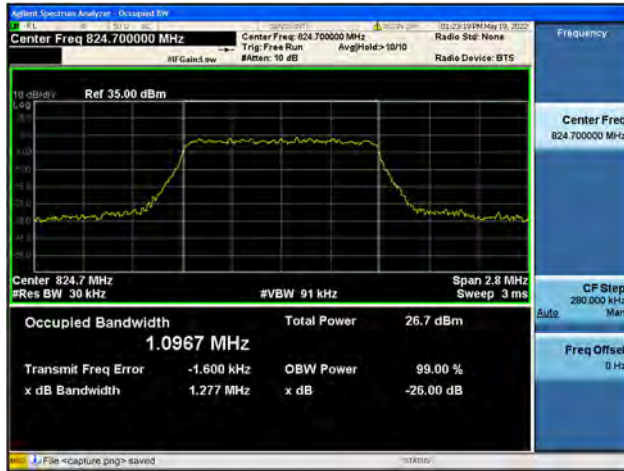


Band25 / 20MHz / High CH / 64QAM

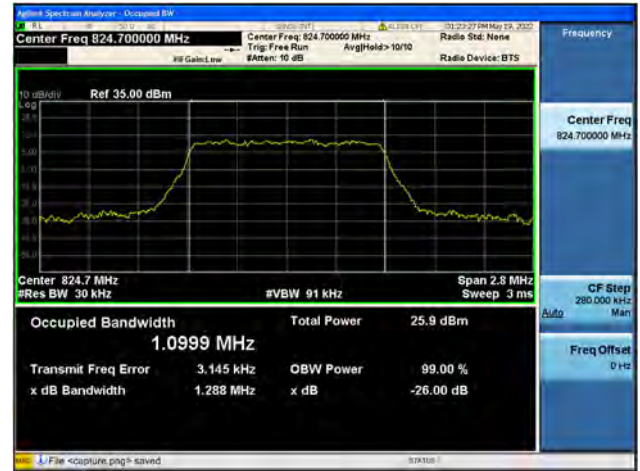




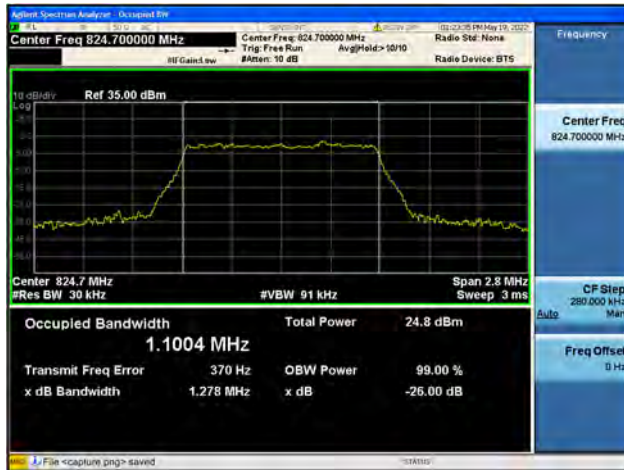
Band26 / 1.4MHz / Low CH / QPSK



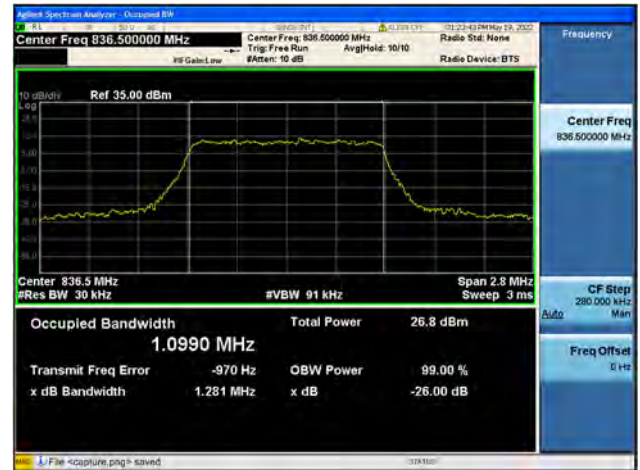
Band26 / 1.4MHz / Low CH / 16QAM



Band26 / 1.4MHz / Low CH / 64QAM



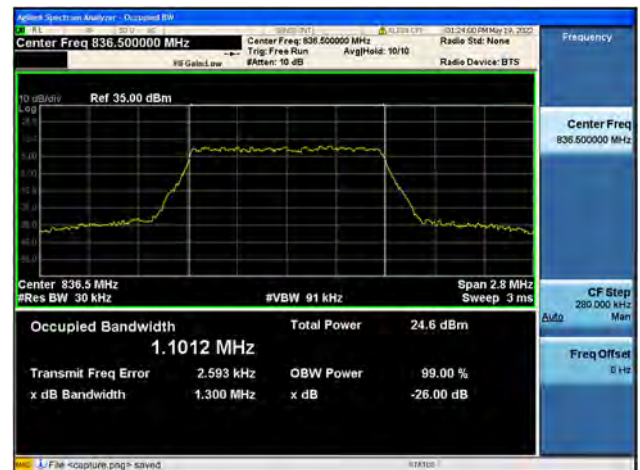
Band26 / 1.4MHz / Mid CH / QPSK

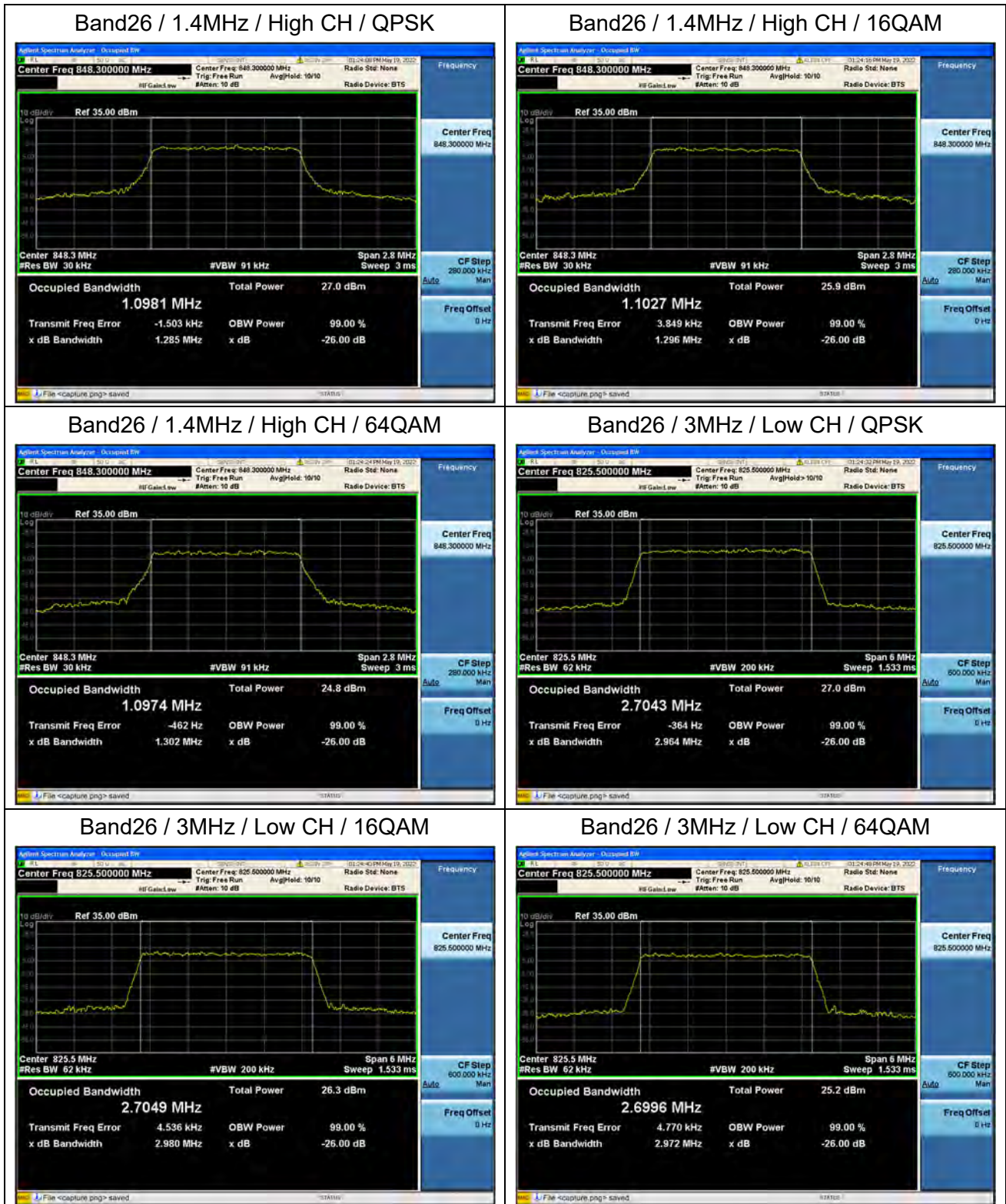


Band26 / 1.4MHz / Mid CH / 16QAM



Band26 / 1.4MHz / Mid CH / 64QAM







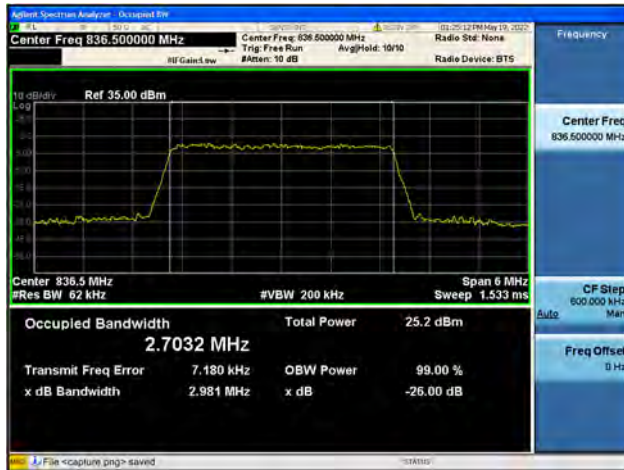
Band26 / 3MHz / Mid CH / QPSK



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

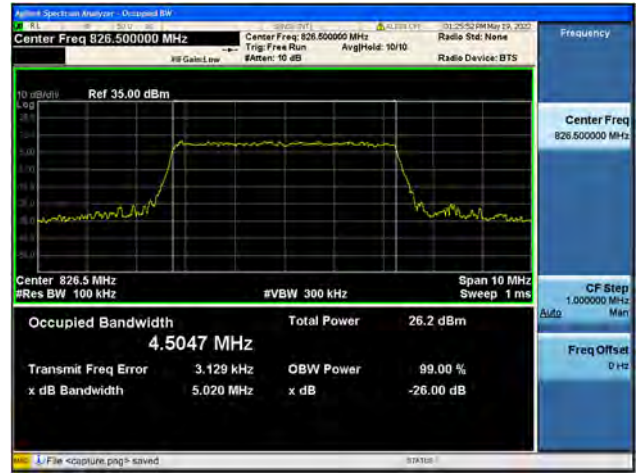




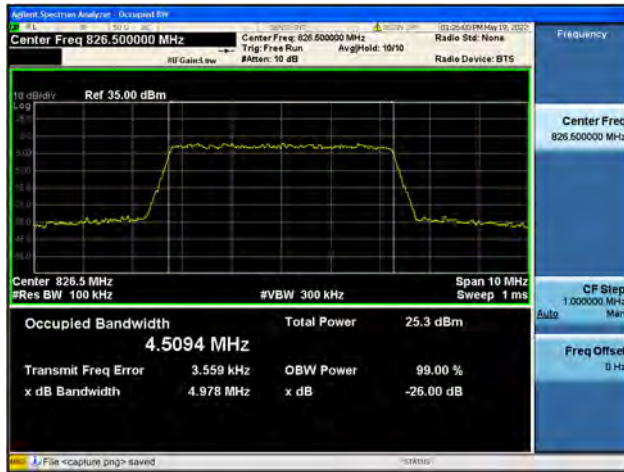
Band26 / 5MHz / Low CH / QPSK



Band26 / 5MHz / Low CH / 16QAM



Band26 / 5MHz / Low CH / 64QAM



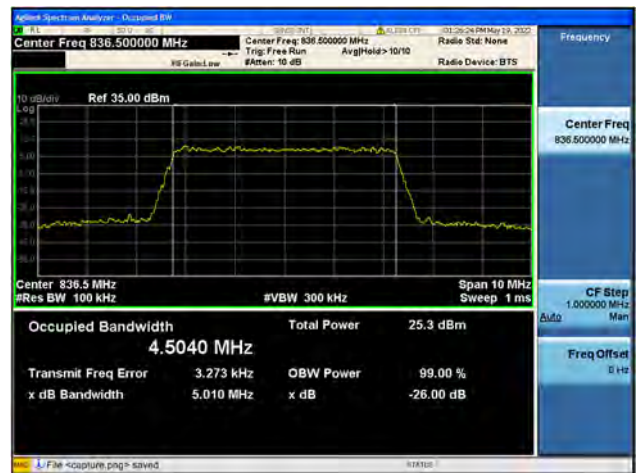
Band26 / 5MHz / Mid CH / QPSK



Band26 / 5MHz / Mid CH / 16QAM

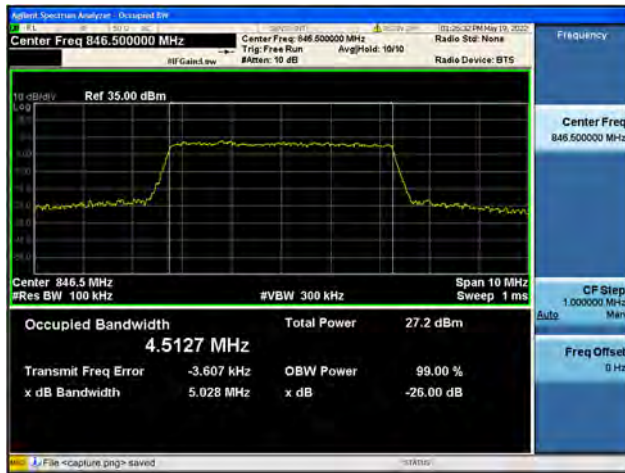


Band26 / 5MHz / Mid CH / 64QAM





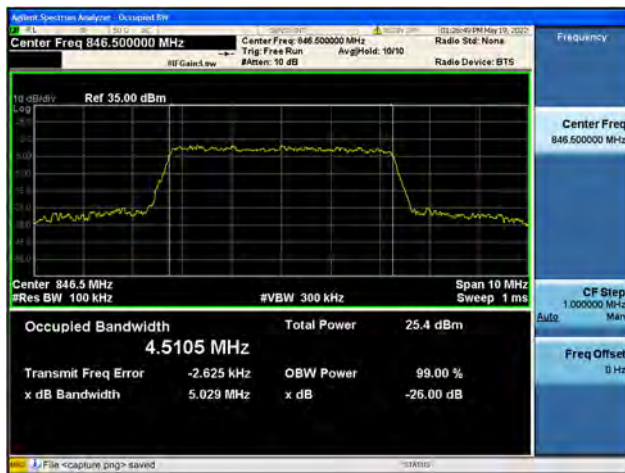
Band26 / 5MHz / High CH / QPSK



Band26 / 5MHz / High CH / 16QAM



Band26 / 5MHz / High CH / 64QAM



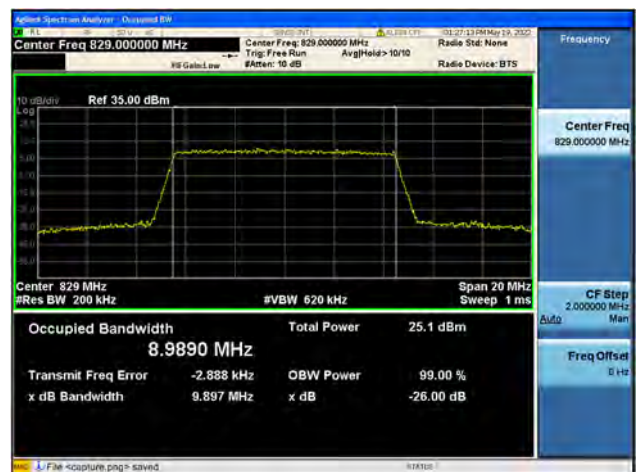
Band26 / 10MHz / Low CH / QPSK



Band26 / 10MHz / Low CH / 16QAM



Band26 / 10MHz / Low CH / 64QAM

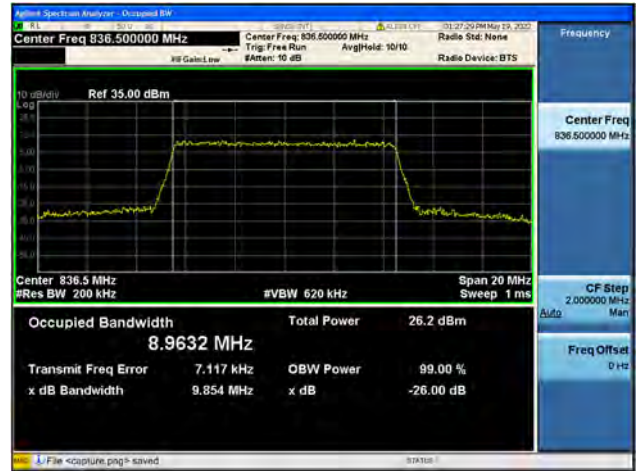




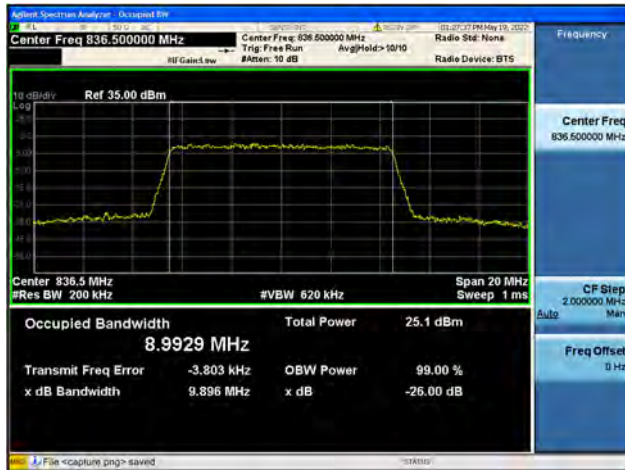
Band26 / 10MHz / Mid CH / QPSK



Band26 / 10MHz / Mid CH / 16QAM



Band26 / 10MHz / Mid CH / 64QAM



Band26 / 10MHz / High CH / QPSK



Band26 / 10MHz / High CH / 16QAM

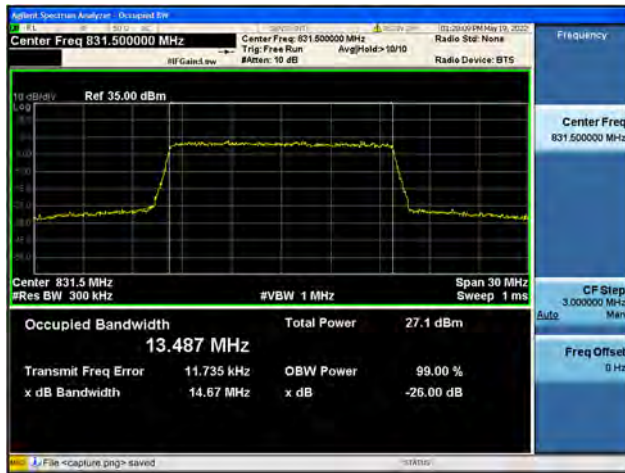


Band26 / 10MHz / High CH / 64QAM

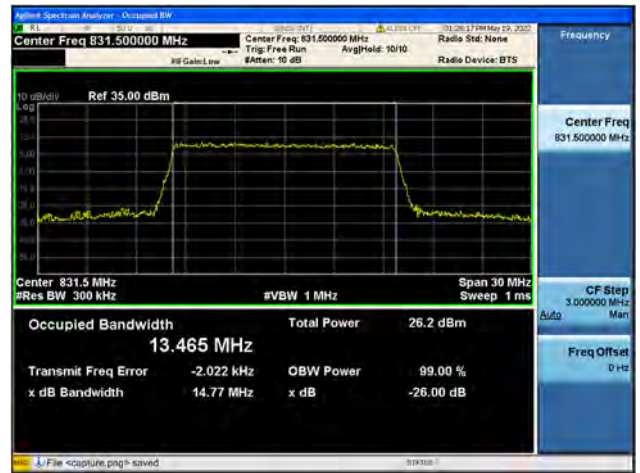




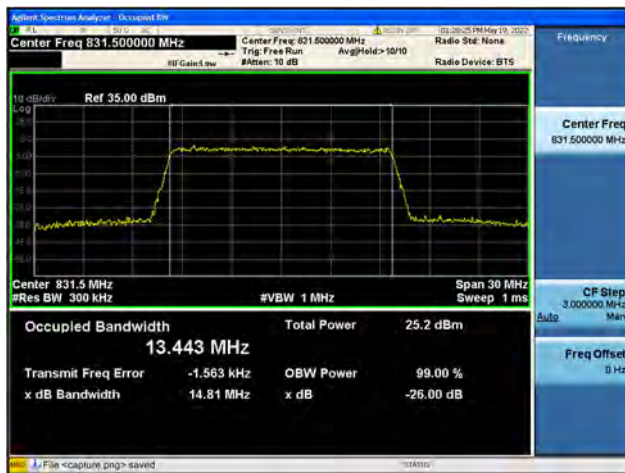
Band26 / 15MHz / Low CH / QPSK



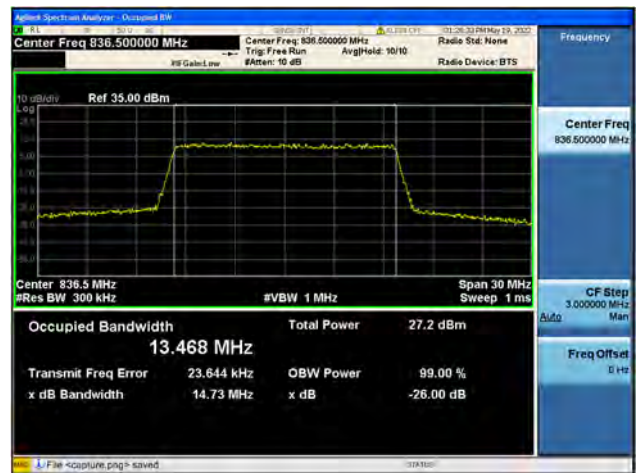
Band26 / 15MHz / Low CH / 16QAM



Band26 / 15MHz / Low CH / 64QAM



Band26 / 15MHz / Mid CH / QPSK



Band26 / 15MHz / Mid CH / 16QAM

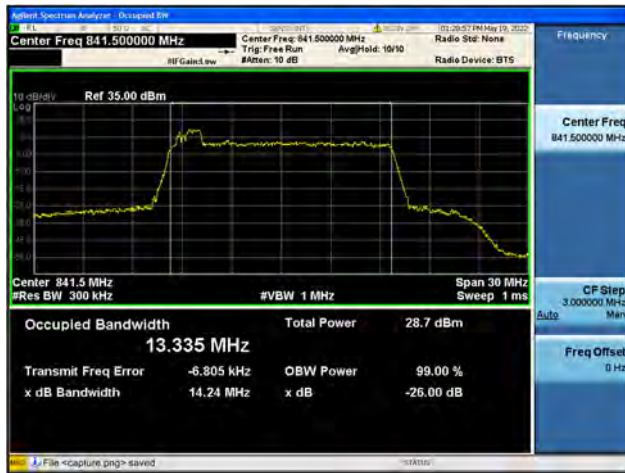


Band26 / 15MHz / Mid CH / 64QAM





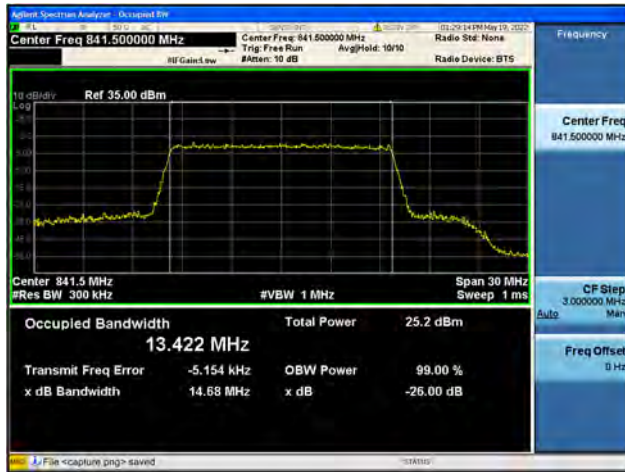
Band26 / 15MHz / High CH / QPSK



Band26 / 15MHz / High CH / 16QAM

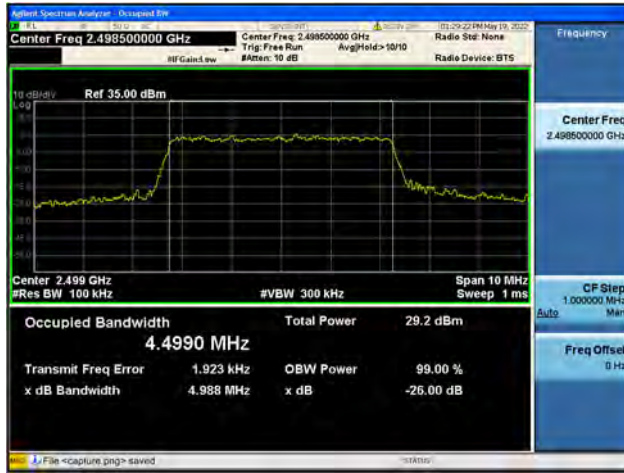


Band26 / 15MHz / High CH / 64QAM

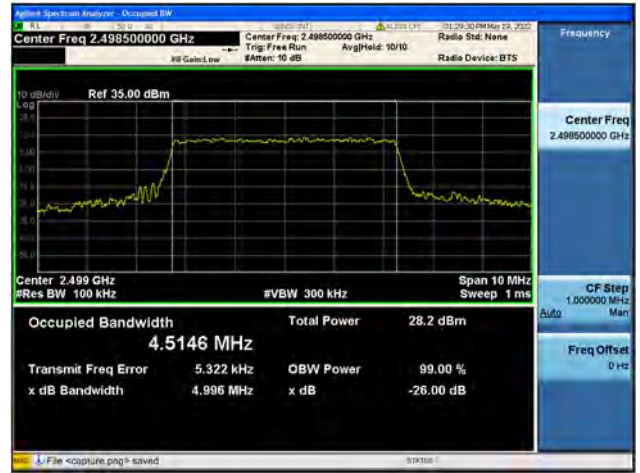




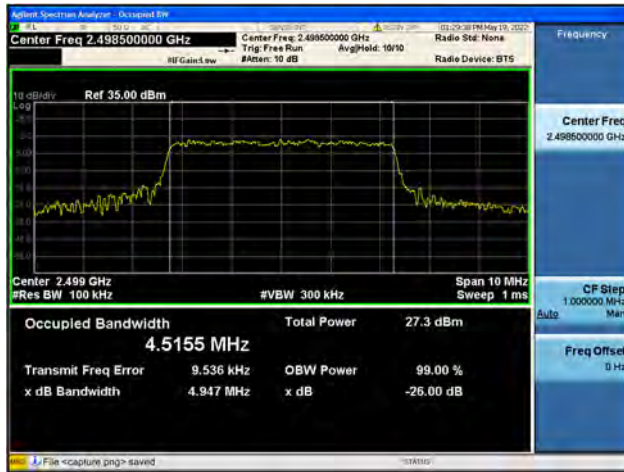
Band41 / 5MHz / Low CH / QPSK



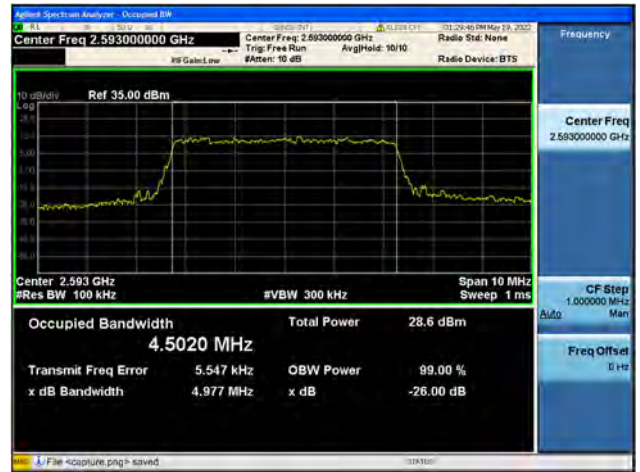
Band41 / 5MHz / Low CH / 16QAM



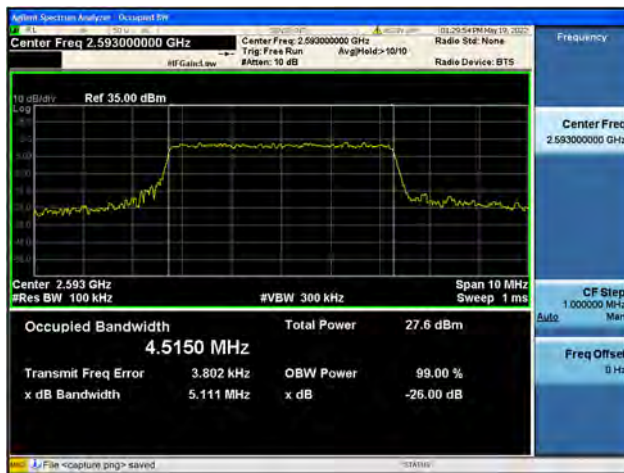
Band41 / 5MHz / Low CH / 64QAM



Band41 / 5MHz / Mid CH / QPSK



Band41 / 5MHz / Mid CH / 16QAM



Band41 / 5MHz / Mid CH / 64QAM

