



TEST REPORT

APPLICANT : Bullitt Group

PRODUCT NAME : 4G Mobile Phone

MODEL NAME : S22 Flip

BRAND NAME : CAT

FCC ID : ZL5S22F

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

RECEIPT DATE : 2021-02-08

TEST DATE : 2021-03-09 to 2021-05-13

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Change History		
Version	Date	Reason for change
1.0	2021-06-03	First edition



1. Technical Information

Note: Provide by applicant.

1.1. Applicant and Manufacturer Information

Applicant:	Bullitt Group
Applicant Address:	One Valpy, Valpy Street, Reading RG1 1AR, United Kingdom
Manufacturer:	Bullitt Group
Manufacturer Address:	One Valpy, Valpy Street, Reading RG1 1AR, United Kingdom

1.2. Equipment Under Test (EUT) Description

Product Name:	4G Mobile Phone	
Serial No.:	(N/A, marked #1 by test site)	
Hardware Version:	Q2805_V2.0	
Software Version:	LTE_S02113.11_N_S22Flip	
Modulation Type:	QPSK, 16QAM	
Carrier Aggregation:	Not support	
Operation Band:	Band 2 / 4 / 5 / 7 / 12 / 13 / 17 / 25 / 26 / 38 / 40 / 41 / 66 / 77	
Frequency Range:	LTE Band 2	Tx: 1850MHz–1910MHz
		Rx: 1930MHz–1990MHz
	LTE Band 4	Tx: 1710MHz–1755MHz
		Rx: 2110MHz–2155MHz
	LTE Band 5	Tx: 824MHz–849MHz
		Rx: 869MHz–894MHz
	LTE Band 7	Tx: 2500MHz–2570MHz
		Rx: 2620MHz–2690MHz
	LTE Band 12	Tx: 699MHz–716MHz
		Rx: 729MHz–746MHz
	LTE Band 13	Tx: 777MHz–787MHz
		Rx: 746MHz–756MHz
	LTE Band 17	Tx: 704MHz–716MHz
		Rx: 734MHz–746MHz



Frequency Range:	LTE Band 25	Tx: 1850MHz–1915MHz Rx: 1930MHz–1995MHz
	LTE Band 26	Tx: 824MHz–849MHz Rx: 869MHz–894MHz
	LTE Band 38	Tx: 2570MHz–2620MHz Rx: 2570MHz–2620MHz
	LTE Band 40 Block A	Tx: 2305MHz–2315MHz Rx: 2305MHz–2315MHz
	LTE Band 40 Block B	Tx: 2350MHz–2360MHz Rx: 2350MHz–2360MHz
	LTE Band 41	Tx: 2496MHz–2690MHz Rx: 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
LTE Band 4		1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
LTE Band 5		1.4MHz, 3MHz, 5MHz, 10MHz
LTE Band 7		5 MHz, 10MHz, 15 MHz, 20 MHz
LTE Band 12		1.4MHz, 3 MHz, 5 MHz, 10MHz
LTE Band 13		5 MHz, 10MHz
LTE Band 17		5 MHz, 10MHz
LTE Band 25		1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
LTE Band 26		1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz
LTE Band 38		5 MHz, 10MHz, 15MHz, 20MHz
LTE Band 40		5MHz, 10MHz
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	0.21dBi
	LTE Band 4	-0.16dBi
	LTE Band 5	-2.16dBi
	LTE Band 7	-0.85dBi
	LTE Band 12	-2.89dBi



Antenna Gain:	LTE Band 13	-2.35dBi
	LTE Band 17	-2.0dBi
	LTE Band 25	0.21dBi
	LTE Band 26	-2.17dBi
	LTE Band 38	0.89dBi
	LTE Band 40	0.58dBi
	LTE Band 41	1.03dBi
	LTE Band 66	1.80dBi
	LTE Band 71	-1.60dBi
Accessory Information:	Battery	
	Brand Name:	N/A
	Model No.:	BTE-2000
	Serial No.:	(N/A, marked #1 by test site)
	Capacity:	2000mAh
	Rated Voltage:	3.80V
	Charge Limit:	4.35V
	Manufacturer:	Phenix New Energy(Hui Zhou)Co.,Ltd.
	AC Adapter	
	Brand Name:	N/A
	Model No.:	TPA-46050200UU
	Serial No.:	(N/A, marked #1 by test site)
	Rated Output:	5.0V \pm 2000mA
	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	QPSK	16QAM	
20	0.228	0.166	18M0G7D	18M0W7D	
15	0.225	0.148	13M5G7D	13M4W7D	
10	0.223	0.155	9M00G7D	8M95W7D	
5	0.226	0.150	4M50G7D	4M51W7D	
3	0.226	0.142	2M70G7D	2M70W7D	
1.4	0.226	0.156	1M10G7D	1M10W7D	
LTE Band 4		Maximum E.R.P./E.I.R.P. (W)		Emission Designator (99%OBW)	
BW(MHz)	QPSK	16QAM	QPSK	16QAM	
20	0.186	0.145	18M0G7D	18M0W7D	
15	0.182	0.146	13M5G7D	13M4W7D	
10	0.184	0.152	9M00G7D	8M95W7D	
5	0.185	0.152	4M51G7D	4M51W7D	
3	0.181	0.140	2M70G7D	2M70W7D	
1.4	0.177	0.147	1M10G7D	1M10W7D	
LTE Band 5		Maximum E.R.P./E.I.R.P. (W)		Emission Designator (99%OBW)	
BW(MHz)	QPSK	16QAM	QPSK	16QAM	
10	0.090	0.072	9M01G7D	8M95W7D	
5	0.089	0.072	4M50G7D	4M50W7D	
3	0.089	0.072	2M70G7D	2M70W7D	
1.4	0.089	0.069	1M10G7D	1M10W7D	
LTE Band 7		Maximum E.R.P./E.I.R.P. (W)		Emission Designator (99%OBW)	
BW(MHz)	QPSK	16QAM	QPSK	16QAM	
20	0.291	0.225	17M9G7D	18M0W7D	
15	0.216	0.169	13M5G7D	13M4W7D	
10	0.222	0.175	8M98G7D	8M96W7D	
5	0.214	0.167	4M51G7D	4M51W7D	
LTE Band 12		Maximum E.R.P./E.I.R.P. (W)		Emission Designator (99%OBW)	
BW(MHz)	QPSK	16QAM	QPSK	16QAM	
10	0.071	0.053	9M00G7D	8M96W7D	
5	0.067	0.049	4M51G7D	4M50W7D	
3	0.068	0.052	2M70G7D	2M70W7D	
1.4	0.069	0.058	1M10G7D	1M10W7D	



LTE Band 13		Maximum E.R.P./E.I.R.P. (W)		Emission Designator (99%OBW)	
BW(MHz)		QPSK	16QAM	QPSK	16QAM
10		0.087	0.064	8M97G7D	8M94W7D
5		0.085	0.065	4M51G7D	4M51W7D
LTE Band 17		Maximum E.R.P./E.I.R.P. (W)		Emission Designator (99%OBW)	
BW(MHz)		QPSK	16QAM	QPSK	16QAM
10		0.070	0.054	8M98G7D	8M94W7D
5		0.068	0.055	4M51G7D	4M51W7D
LTE Band 25		Maximum E.R.P./E.I.R.P. (W)		Emission Designator (99%OBW)	
BW(MHz)		QPSK	16QAM	QPSK	16QAM
20		0.226	0.186	18M0G7D	18M0W7D
15		0.186	0.147	13M4G7D	13M5W7D
10		0.192	0.152	9M00G7D	8M94W7D
5		0.187	0.146	4M51G7D	4M51W7D
3		0.191	0.158	2M70G7D	2M70W7D
1.4		0.191	0.163	1M10G7D	1M10W7D
LTE Band 26		Maximum E.R.P./E.I.R.P. (W)		Emission Designator (99%OBW)	
BW(MHz)		QPSK	16QAM	QPSK	16QAM
15		0.089	0.068	13M5G7D	13M5W7D
10		0.088	0.064	8M98G7D	8M98W7D
5		0.088	0.066	4M50G7D	4M50W7D
3		0.084	0.067	2M70G7D	2M70W7D
1.4		0.089	0.069	1M10G7D	1M10W7D
LTE Band 38		Maximum E.R.P./E.I.R.P. (W)		Emission Designator (99%OBW)	
BW(MHz)		QPSK	16QAM	QPSK	16QAM
20		0.280	0.175	18M0G7D	18M0W7D
15		0.268	0.184	13M5G7D	13M5W7D
10		0.270	0.175	8M95G7D	8M96W7D
5		0.271	0.178	4M51G7D	4M51W7D
LTE Band 40 Block A		Maximum E.R.P./E.I.R.P. (W)		Emission Designator (99%OBW)	
BW(MHz)		QPSK	16QAM	QPSK	16QAM
10		0.250	0.189	8M99G7D	8M98W7D
5		0.248	0.200	4M51G7D	4M51W7D



LTE Band 40 Block B	Maximum E.R.P./E.I.R.P. (W)		Emission Designator (99%OBW)	
BW(MHz)	QPSK	16QAM	QPSK	16QAM
10	0.249	0.182	8M99G7D	9M00W7D
5	0.247	0.195	4M51G7D	4M50W7D
LTE Band 41	Maximum E.R.P./E.I.R.P. (W)		Emission Designator (99%OBW)	
BW(MHz)	QPSK	16QAM	QPSK	16QAM
20	0.388	0.294	17M9G7D	17M9W7D
15	0.378	0.288	13M5G7D	13M5W7D
10	0.374	0.272	8M98G7D	8M95W7D
5	0.369	0.286	4M51G7D	4M51W7D
LTE Band 66	Maximum E.R.P./E.I.R.P. (W)		Emission Designator (99%OBW)	
BW(MHz)	QPSK	16QAM	QPSK	16QAM
20	0.290	0.222	17M9G7D	17M9W7D
15	0.277	0.220	13M5G7D	13M4W7D
10	0.287	0.221	8M99G7D	8M98W7D
5	0.279	0.197	4M50G7D	4M50W7D
3	0.284	0.215	2M70G7D	2M70W7D
1.4	0.280	0.222	1M10G7D	1M10W7D
LTE Band 71	Maximum E.R.P./E.I.R.P. (W)		Emission Designator (99%OBW)	
BW(MHz)	QPSK	16QAM	QPSK	16QAM
20	0.095	0.071	17M9G7D	17M9W7D
15	0.095	0.071	13M5G7D	13M5W7D
10	0.091	0.071	8M99G7D	8M99W7D
5	0.091	0.066	4M50G7D	4M49W7D



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) 22.913(a)(2) 24.232(c) 27.50(a)(3) 27.50(b)(10) 27.50(c)(10) 27.50(d)(4) 27.50(h)(2)	Transmitter Conducted Output Power and E.R.P./E.I.R.P.	May 13, 2021	Chen Hao Gao Jianrou	PASS	No deviation
2.1049	Occupied Bandwidth	Mar 09&17&18&24, 2021	Ling Keye	PASS	No deviation
2.1055 22.355 24.235 27.54	Frequency Stability	Mar 17, 2021	Ling Keye	PASS	No deviation
24.232(d), 27.50(d)(5) 27.50(j)(4)	Peak to Average Radio	Mar 08&15&23, 2021	Ling Keye	PASS	No deviation
2.1051 22.917(a) 24.238(a) 27.53(a)(4) 27.53(c)(2)	Conducted Spurious Emissions	Mar 10&15&16&23, 2021	Ling Keye	PASS	No deviation



27.53(g) 27.53(h) 27.53(m)(4)					
2.1051 22.917(a) 24.238(a) 27.53(a)(4) 27.53(c)(2) 27.53(g) 27.53(h) 27.53(m)(4)	Band Edge	Mar 09&17&18&24, 2021	Ling Keye	PASS	No deviation
2.1051 22.917(a) 24.238(a) 27.53(a)(4) 27.53(c)(2) 27.53(g) 27.53(h) 27.53(m)(4)	Radiated Spurious Emissions	Apr 10&11, 2021	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% risk level.



1.5. Environmental Conditions

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

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



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

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

2.1.1. Requirement

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

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

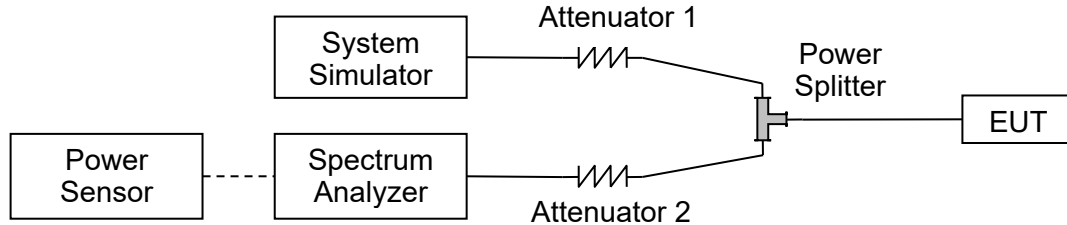
According to FCC section 27.50 (h)(2) for LTE Band 7/38/41, Mobile and other user stations. Mobile stations are limited to 2 watts E.I.R.P. All user stations are limited to 2 watts transmitter output power.

According to FCC section 27.50 (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 12/17/71, Portable stations (hand-held devices) operating in the 704-716MHz band are limited to 3watts E.R.P.

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

2.1.2. Test Description



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

2.1.3. Test Procedure

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

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

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



2.1.4. Result

Conducted Output Power

LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18700	18900	19100
Frequency (MHz)				1860	1880	1900
20	QPSK	1	0	23.28	23.36	23.31
20	QPSK	1	49	23.10	23.12	23.15
20	QPSK	1	99	23.00	22.98	22.94
20	QPSK	50	0	22.38	22.39	22.32
20	QPSK	50	24	22.36	22.11	22.10
20	QPSK	50	50	22.27	22.05	22.01
20	QPSK	100	0	22.28	22.08	21.95
20	16QAM	1	0	21.99	21.87	21.84
20	16QAM	1	49	21.81	21.71	21.69
20	16QAM	1	99	21.68	21.56	21.60
20	16QAM	50	0	20.75	20.78	20.67
20	16QAM	50	24	20.69	20.65	20.56
20	16QAM	50	50	20.54	20.45	20.47
20	16QAM	100	0	20.54	20.37	20.18



LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18675	18900	19125
Frequency (MHz)				1857.5	1880	1902.5
15	QPSK	1	0	23.31	23.27	23.18
15	QPSK	1	37	23.11	23.01	23.08
15	QPSK	1	74	22.94	22.90	22.92
15	QPSK	36	0	22.21	22.20	22.14
15	QPSK	36	20	22.27	22.26	22.22
15	QPSK	36	39	21.97	21.96	21.92
15	QPSK	75	0	22.23	21.93	21.86
15	16QAM	1	0	21.47	21.04	21.49
15	16QAM	1	37	21.23	21.22	21.24
15	16QAM	1	74	21.10	21.08	21.13
15	16QAM	36	0	20.62	20.71	20.53
15	16QAM	36	20	20.49	20.39	20.44
15	16QAM	36	39	20.31	20.37	20.31
15	16QAM	75	0	20.67	20.30	20.18



LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18650	18900	19150
Frequency (MHz)				1855	1880	1905
10	QPSK	1	0	23.28	23.27	23.09
10	QPSK	1	25	23.13	22.96	23.03
10	QPSK	1	49	22.96	22.85	22.90
10	QPSK	25	0	22.16	22.17	22.18
10	QPSK	25	12	22.00	22.16	22.01
10	QPSK	25	25	22.24	22.13	22.02
10	QPSK	50	0	22.28	22.14	22.15
10	16QAM	1	0	21.69	21.45	21.45
10	16QAM	1	25	21.51	21.40	21.33
10	16QAM	1	49	21.48	21.34	21.31
10	16QAM	25	0	20.53	20.46	20.28
10	16QAM	25	12	20.53	20.37	20.27
10	16QAM	25	25	20.47	20.53	20.62
10	16QAM	50	0	20.59	20.17	20.42



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	23.32	23.34	23.33
5	QPSK	1	12	23.33	23.26	23.33
5	QPSK	1	24	23.06	23.16	23.24
5	QPSK	12	0	22.36	22.08	22.04
5	QPSK	12	7	22.33	22.25	22.19
5	QPSK	12	13	22.17	22.33	22.34
5	QPSK	25	0	22.25	21.98	21.83
5	16QAM	1	0	21.53	21.42	21.56
5	16QAM	1	12	21.46	21.31	21.22
5	16QAM	1	24	21.30	21.24	21.16
5	16QAM	12	0	20.69	20.54	20.58
5	16QAM	12	7	20.88	20.64	20.62
5	16QAM	12	13	20.63	20.55	20.52
5	16QAM	25	0	20.85	20.62	20.52



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	23.33	23.22	23.22
3	QPSK	1	8	23.10	23.15	23.14
3	QPSK	1	14	23.22	23.26	23.15
3	QPSK	8	0	22.34	22.10	22.15
3	QPSK	8	4	22.29	22.16	22.14
3	QPSK	8	7	22.36	22.23	22.24
3	QPSK	15	0	22.33	22.18	22.15
3	16QAM	1	0	21.22	21.31	21.19
3	16QAM	1	8	21.20	21.28	21.10
3	16QAM	1	14	21.17	21.25	21.06
3	16QAM	8	0	20.34	20.56	20.34
3	16QAM	8	4	20.52	20.27	20.33
3	16QAM	8	7	20.69	20.22	20.36
3	16QAM	15	0	20.59	20.15	20.24



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	23.13	23.33	23.12
1.4	QPSK	1	3	23.13	23.05	23.13
1.4	QPSK	1	5	23.04	22.87	23.14
1.4	QPSK	3	0	23.22	23.05	23.11
1.4	QPSK	3	1	23.12	23.00	23.22
1.4	QPSK	3	3	23.22	22.97	23.09
1.4	QPSK	6	0	22.51	22.45	22.23
1.4	16QAM	1	0	21.71	21.52	21.62
1.4	16QAM	1	3	21.61	21.52	21.62
1.4	16QAM	1	5	21.56	21.62	21.55
1.4	16QAM	3	0	21.47	21.55	21.54
1.4	16QAM	3	1	21.45	21.30	21.30
1.4	16QAM	3	3	21.31	21.17	21.07
1.4	16QAM	6	0	20.44	20.01	20.01



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20050	20175	20300
Frequency (MHz)				1720	1732.5	1745
20	QPSK	1	0	22.72	22.85	22.73
20	QPSK	1	49	22.61	22.53	22.75
20	QPSK	1	99	22.64	22.60	22.62
20	QPSK	50	0	21.85	21.88	21.86
20	QPSK	50	24	21.73	21.82	21.75
20	QPSK	50	50	21.89	21.85	21.66
20	QPSK	100	0	21.80	21.79	21.62
20	16QAM	1	0	21.40	21.71	21.55
20	16QAM	1	49	21.69	21.62	21.78
20	16QAM	1	99	21.62	21.56	21.53
20	16QAM	50	0	20.79	20.68	20.66
20	16QAM	50	24	20.92	20.83	20.84
20	16QAM	50	50	20.89	20.82	20.78
20	16QAM	100	0	20.76	20.77	20.92



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20025	20175	20325
Frequency (MHz)				1717.5	1732.5	1747.5
15	QPSK	1	0	22.57	22.61	22.75
15	QPSK	1	37	22.46	22.54	22.67
15	QPSK	1	74	22.37	22.50	22.58
15	QPSK	36	0	22.10	22.16	22.15
15	QPSK	36	20	21.84	21.98	21.99
15	QPSK	36	39	21.72	21.79	21.69
15	QPSK	75	0	21.86	21.85	21.84
15	16QAM	1	0	21.66	21.66	21.64
15	16QAM	1	37	21.67	21.56	21.62
15	16QAM	1	74	21.78	21.81	21.64
15	16QAM	36	0	20.82	20.75	20.62
15	16QAM	36	20	20.87	20.84	20.92
15	16QAM	36	39	20.46	20.61	20.44
15	16QAM	75	0	20.93	20.98	20.64



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20000	20175	20350
Frequency (MHz)				1715	1732.5	1750
10	QPSK	1	0	22.71	22.74	22.80
10	QPSK	1	25	22.69	22.78	22.79
10	QPSK	1	49	22.38	22.62	22.64
10	QPSK	25	0	21.82	21.83	21.66
10	QPSK	25	12	21.89	21.94	21.86
10	QPSK	25	25	21.52	21.69	21.56
10	QPSK	50	0	21.81	21.86	21.90
10	16QAM	1	0	21.59	21.99	21.81
10	16QAM	1	25	21.87	21.66	21.73
10	16QAM	1	49	21.86	21.50	21.70
10	16QAM	25	0	20.62	20.88	20.65
10	16QAM	25	12	20.92	20.96	20.66
10	16QAM	25	25	20.59	20.74	20.54
10	16QAM	50	0	20.92	21.01	20.90



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				19975	20175	20375
Frequency (MHz)				1712.5	1732.5	1752.5
5	QPSK	1	0	22.77	22.80	22.69
5	QPSK	1	12	22.72	22.84	22.68
5	QPSK	1	24	22.79	22.84	22.62
5	QPSK	12	0	21.86	21.99	21.95
5	QPSK	12	7	21.73	21.90	21.85
5	QPSK	12	13	21.61	21.80	21.63
5	QPSK	25	0	21.76	21.93	21.80
5	16QAM	1	0	21.59	21.97	21.86
5	16QAM	1	12	21.94	21.83	21.76
5	16QAM	1	24	21.62	21.63	21.66
5	16QAM	12	0	20.81	20.90	20.93
5	16QAM	12	7	20.70	20.81	20.73
5	16QAM	12	13	20.45	20.78	20.55
5	16QAM	25	0	20.69	21.09	20.95



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				19965	20175	20385
Frequency (MHz)				1711.5	1732.5	1753.5
3	QPSK	1	0	22.68	22.66	22.57
3	QPSK	1	8	22.67	22.74	22.57
3	QPSK	1	14	22.66	22.56	22.62
3	QPSK	8	0	21.64	21.71	21.58
3	QPSK	8	4	21.57	21.70	21.52
3	QPSK	8	7	21.46	21.55	21.52
3	QPSK	15	0	21.50	21.67	21.50
3	16QAM	1	0	21.30	21.14	21.41
3	16QAM	1	8	21.34	21.35	21.45
3	16QAM	1	14	21.62	21.57	21.55
3	16QAM	8	0	20.54	20.74	20.74
3	16QAM	8	4	20.60	20.75	20.66
3	16QAM	8	7	20.61	20.63	20.39
3	16QAM	15	0	20.54	20.68	20.58



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				19957	20175	20393
Frequency (MHz)				1710.7	1732.5	1754.3
1.4	QPSK	1	0	22.48	22.58	22.39
1.4	QPSK	1	3	22.51	22.61	22.53
1.4	QPSK	1	5	22.39	22.53	22.38
1.4	QPSK	3	0	22.48	22.57	22.48
1.4	QPSK	3	1	22.50	22.63	22.49
1.4	QPSK	3	3	22.49	22.64	22.52
1.4	QPSK	6	0	21.47	21.61	21.49
1.4	16QAM	1	0	21.48	21.57	21.59
1.4	16QAM	1	3	21.77	21.62	21.69
1.4	16QAM	1	5	21.55	21.56	21.84
1.4	16QAM	3	0	21.61	21.44	21.42
1.4	16QAM	3	1	21.54	21.53	21.52
1.4	16QAM	3	3	21.54	21.56	21.41
1.4	16QAM	6	0	20.62	20.61	20.24



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	23.72	23.85	23.81
10	QPSK	1	25	23.81	23.82	23.76
10	QPSK	1	49	23.76	23.84	23.77
10	QPSK	25	0	22.54	22.65	22.52
10	QPSK	25	12	22.60	22.63	22.59
10	QPSK	25	25	22.56	22.51	22.56
10	QPSK	50	0	22.59	22.64	22.50
10	16QAM	1	0	22.68	22.88	22.76
10	16QAM	1	25	22.77	22.73	22.76
10	16QAM	1	49	22.77	22.90	22.91
10	16QAM	25	0	21.31	21.56	21.48
10	16QAM	25	12	21.46	21.54	21.55
10	16QAM	25	25	21.65	21.53	21.49
10	16QAM	50	0	21.45	21.71	21.61



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	23.80	23.68	23.55
5	QPSK	1	12	23.70	23.64	23.63
5	QPSK	1	24	23.38	23.36	23.30
5	QPSK	12	0	22.67	22.76	22.65
5	QPSK	12	7	22.62	22.65	22.62
5	QPSK	12	13	22.52	22.50	22.49
5	QPSK	25	0	22.62	22.68	22.54
5	16QAM	1	0	22.87	22.55	22.41
5	16QAM	1	12	22.74	22.65	22.60
5	16QAM	1	24	22.61	22.45	22.57
5	16QAM	12	0	21.71	21.74	21.59
5	16QAM	12	7	21.74	21.70	21.68
5	16QAM	12	13	21.71	21.66	21.45
5	16QAM	25	0	21.72	21.78	21.68



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	23.74	23.81	23.70
3	QPSK	1	8	23.71	23.58	23.67
3	QPSK	1	14	23.46	23.44	23.51
3	QPSK	8	0	22.66	22.72	22.78
3	QPSK	8	4	22.65	22.67	22.68
3	QPSK	8	7	22.53	22.63	22.59
3	QPSK	15	0	22.60	22.61	22.66
3	16QAM	1	0	22.80	22.87	22.78
3	16QAM	1	8	22.74	22.79	22.77
3	16QAM	1	14	22.71	22.70	22.45
3	16QAM	8	0	21.75	21.70	21.77
3	16QAM	8	4	21.59	21.63	21.61
3	16QAM	8	7	21.53	21.59	21.65
3	16QAM	15	0	21.50	21.87	21.69



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	23.60	23.65	23.74
1.4	QPSK	1	3	23.55	23.58	23.75
1.4	QPSK	1	5	23.39	23.42	23.53
1.4	QPSK	3	0	23.74	23.71	23.75
1.4	QPSK	3	1	23.76	23.70	23.79
1.4	QPSK	3	3	23.69	23.69	23.69
1.4	QPSK	6	0	22.62	22.56	22.69
1.4	16QAM	1	0	22.68	22.55	22.38
1.4	16QAM	1	3	22.56	22.40	22.27
1.4	16QAM	1	5	22.50	22.36	22.40
1.4	16QAM	3	0	22.37	22.38	22.51
1.4	16QAM	3	1	22.64	22.53	22.54
1.4	16QAM	3	3	22.35	22.60	22.67
1.4	16QAM	6	0	21.45	21.44	21.59



LTE Band 7						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20850	21100	21350
Frequency (MHz)				2510	2535	2560
20	QPSK	1	0	22.61	22.66	22.56
20	QPSK	1	49	22.50	22.48	22.46
20	QPSK	1	99	22.64	22.40	22.25
20	QPSK	50	0	21.57	21.61	21.58
20	QPSK	50	24	21.55	21.44	21.35
20	QPSK	50	50	21.54	21.46	21.34
20	QPSK	100	0	21.51	21.50	21.39
20	16QAM	1	0	21.34	21.45	21.44
20	16QAM	1	49	21.44	21.46	21.43
20	16QAM	1	99	21.41	21.47	21.41
20	16QAM	50	0	20.96	20.91	20.72
20	16QAM	50	24	20.67	20.88	20.69
20	16QAM	50	50	20.81	20.84	20.68
20	16QAM	100	0	20.84	20.90	20.56



LTE Band 7						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20825	21100	21375
Frequency (MHz)				2507.5	2535	2562.5
15	QPSK	1	0	22.48	22.50	22.43
15	QPSK	1	37	22.47	22.45	22.37
15	QPSK	1	74	22.49	22.37	22.22
15	QPSK	36	0	21.54	21.44	21.35
15	QPSK	36	20	21.52	21.41	21.32
15	QPSK	36	39	21.51	21.43	21.31
15	QPSK	75	0	21.48	21.47	21.36
15	16QAM	1	0	21.15	21.42	21.41
15	16QAM	1	37	21.41	21.43	21.40
15	16QAM	1	74	21.38	21.44	21.38
15	16QAM	36	0	20.53	20.78	20.59
15	16QAM	36	20	20.54	20.75	20.56
15	16QAM	36	39	20.68	20.71	20.55
15	16QAM	75	0	20.71	20.77	20.43



LTE Band 7						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20800	21100	21400
Frequency (MHz)				2505	2535	2565
10	QPSK	1	0	22.52	22.61	22.58
10	QPSK	1	25	22.49	22.60	22.52
10	QPSK	1	49	22.60	22.52	22.56
10	QPSK	25	0	21.69	21.59	21.50
10	QPSK	25	12	21.67	21.56	21.47
10	QPSK	25	25	21.66	21.58	21.46
10	QPSK	50	0	21.63	21.62	21.51
10	16QAM	1	0	21.30	21.57	21.56
10	16QAM	1	25	21.56	21.58	21.55
10	16QAM	1	49	21.53	21.59	21.53
10	16QAM	25	0	20.68	20.93	20.74
10	16QAM	25	12	20.69	20.90	20.71
10	16QAM	25	25	20.83	20.86	20.70
10	16QAM	50	0	20.86	20.92	20.58



LTE Band 7						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20775	21100	21425
Frequency (MHz)				2502.5	2535	2567.5
5	QPSK	1	0	22.42	22.45	22.42
5	QPSK	1	12	22.40	22.38	22.30
5	QPSK	1	24	22.07	22.30	22.15
5	QPSK	12	0	21.47	21.37	21.28
5	QPSK	12	7	21.45	21.34	21.25
5	QPSK	12	13	21.44	21.36	21.24
5	QPSK	25	0	21.41	21.40	21.29
5	16QAM	1	0	21.08	21.35	21.34
5	16QAM	1	12	21.34	21.36	21.33
5	16QAM	1	24	21.31	21.37	21.31
5	16QAM	12	0	20.46	20.71	20.52
5	16QAM	12	7	20.47	20.68	20.49
5	16QAM	12	13	20.61	20.64	20.48
5	16QAM	25	0	20.64	20.70	20.36



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	23.49	23.57	23.52
10	QPSK	1	25	23.28	23.38	23.29
10	QPSK	1	49	23.36	23.28	23.41
10	QPSK	25	0	22.45	22.53	22.52
10	QPSK	25	12	22.19	22.33	22.41
10	QPSK	25	25	22.10	22.25	22.37
10	QPSK	50	0	22.22	22.18	22.33
10	16QAM	1	0	22.04	22.12	22.16
10	16QAM	1	25	22.00	22.15	22.32
10	16QAM	1	49	22.25	22.17	22.17
10	16QAM	25	0	21.66	21.65	21.64
10	16QAM	25	12	21.53	21.56	21.64
10	16QAM	25	25	21.37	21.45	21.53
10	16QAM	50	0	21.09	21.00	20.94



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	23.28	23.26	23.22
5	QPSK	1	12	23.15	23.27	23.26
5	QPSK	1	24	22.96	23.07	22.83
5	QPSK	12	0	22.35	22.38	22.36
5	QPSK	12	7	22.19	22.32	22.23
5	QPSK	12	13	22.03	22.19	22.06
5	QPSK	25	0	22.17	22.28	22.13
5	16QAM	1	0	21.68	21.92	21.87
5	16QAM	1	12	21.76	21.68	21.50
5	16QAM	1	24	21.45	21.56	21.46
5	16QAM	12	0	21.31	21.33	21.32
5	16QAM	12	7	21.15	21.25	21.08
5	16QAM	12	13	21.09	21.18	20.98
5	16QAM	25	0	21.29	21.11	21.15



LTE Band 12						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23025	23095	23165
Frequency (MHz)				700.5	707.5	714.5
3	QPSK	1	0	23.26	23.22	23.34
3	QPSK	1	8	23.14	23.21	23.17
3	QPSK	1	14	22.99	23.05	23.26
3	QPSK	8	0	22.33	22.32	22.45
3	QPSK	8	4	22.30	22.30	22.31
3	QPSK	8	7	22.18	22.26	22.37
3	QPSK	15	0	22.16	22.32	22.29
3	16QAM	1	0	22.00	22.06	22.24
3	16QAM	1	8	22.15	21.95	21.97
3	16QAM	1	14	21.85	21.78	22.07
3	16QAM	8	0	21.36	21.30	21.26
3	16QAM	8	4	21.43	21.25	21.16
3	16QAM	8	7	21.23	21.34	21.06
3	16QAM	15	0	21.29	21.26	21.28



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	23.36	23.12	23.37
1.4	QPSK	1	3	23.11	23.06	23.12
1.4	QPSK	1	5	23.05	23.01	22.95
1.4	QPSK	3	0	23.36	23.20	23.44
1.4	QPSK	3	1	23.36	23.40	23.11
1.4	QPSK	3	3	23.31	23.19	23.32
1.4	QPSK	6	0	22.19	22.30	22.29
1.4	16QAM	1	0	22.63	22.46	22.67
1.4	16QAM	1	3	22.70	22.39	22.32
1.4	16QAM	1	5	22.60	22.62	22.23
1.4	16QAM	3	0	22.42	22.29	22.23
1.4	16QAM	3	1	22.19	22.36	22.23
1.4	16QAM	3	3	22.22	22.21	22.42
1.4	16QAM	6	0	21.22	21.23	21.23



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	/	23.89	/
10	QPSK	1	25	/	23.84	/
10	QPSK	1	49	/	23.85	/
10	QPSK	25	0	/	22.58	/
10	QPSK	25	12	/	22.53	/
10	QPSK	25	25	/	22.51	/
10	QPSK	50	0	/	22.55	/
10	16QAM	1	0	/	22.50	/
10	16QAM	1	25	/	22.55	/
10	16QAM	1	49	/	22.52	/
10	16QAM	25	0	/	21.52	/
10	16QAM	25	12	/	21.43	/
10	16QAM	25	25	/	21.41	/
10	16QAM	50	0	/	21.41	/



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	23.66	23.79	23.62
5	QPSK	1	12	23.67	23.68	23.72
5	QPSK	1	24	23.66	23.62	23.61
5	QPSK	12	0	22.48	22.48	22.44
5	QPSK	12	7	22.65	22.49	22.61
5	QPSK	12	13	22.44	22.48	22.43
5	QPSK	25	0	22.52	22.47	22.59
5	16QAM	1	0	22.65	22.33	22.36
5	16QAM	1	12	22.54	22.23	22.27
5	16QAM	1	24	22.51	22.21	22.20
5	16QAM	12	0	21.30	21.47	21.52
5	16QAM	12	7	21.72	21.50	21.67
5	16QAM	12	13	21.48	21.39	21.47
5	16QAM	25	0	21.60	21.46	21.58



LTE Band 17						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23780	23790	23800
Frequency (MHz)				709	710	711
10	QPSK	1	0	23.44	23.47	23.46
10	QPSK	1	25	23.16	23.15	23.24
10	QPSK	1	49	23.13	23.15	23.32
10	QPSK	25	0	22.45	22.46	22.41
10	QPSK	25	12	22.33	22.33	22.36
10	QPSK	25	25	22.19	22.17	22.04
10	QPSK	50	0	22.25	22.26	22.24
10	16QAM	1	0	21.99	22.12	22.19
10	16QAM	1	25	22.35	22.39	22.05
10	16QAM	1	49	22.38	22.21	22.23
10	16QAM	25	0	21.05	21.15	21.19
10	16QAM	25	12	21.42	21.24	21.18
10	16QAM	25	25	21.18	21.15	21.24
10	16QAM	50	0	21.18	21.21	21.13



LTE Band 17						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23755	23790	23825
Frequency (MHz)				706.5	710	713.5
5	QPSK	1	0	23.26	23.34	23.27
5	QPSK	1	12	23.15	23.22	23.19
5	QPSK	1	24	23.23	23.18	23.00
5	QPSK	12	0	22.03	22.27	22.12
5	QPSK	12	7	22.14	22.26	22.03
5	QPSK	12	13	22.16	22.13	21.99
5	QPSK	25	0	22.13	22.26	22.01
5	16QAM	1	0	22.16	22.41	22.07
5	16QAM	1	12	22.26	22.48	22.29
5	16QAM	1	24	22.17	22.44	22.21
5	16QAM	12	0	20.93	21.18	21.04
5	16QAM	12	7	21.14	21.31	21.12
5	16QAM	12	13	21.07	21.22	20.82
5	16QAM	25	0	21.28	21.30	21.04



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	22.78	22.85	22.84
20	QPSK	1	49	22.84	22.75	22.58
20	QPSK	1	99	22.56	22.41	22.35
20	QPSK	50	0	21.48	21.57	21.50
20	QPSK	50	24	21.26	21.40	21.48
20	QPSK	50	50	21.24	21.24	21.30
20	QPSK	100	0	21.31	21.37	21.47
20	16QAM	1	0	21.16	21.34	21.62
20	16QAM	1	49	21.33	21.35	21.24
20	16QAM	1	99	21.32	21.26	21.22
20	16QAM	50	0	20.56	20.68	20.68
20	16QAM	50	24	20.59	20.49	20.50
20	16QAM	50	50	20.29	20.51	20.66
20	16QAM	100	0	20.62	20.58	20.63



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	22.22	22.16	22.31
15	QPSK	1	37	22.43	22.17	22.35
15	QPSK	1	74	22.24	22.05	22.48
15	QPSK	36	0	21.31	21.45	21.51
15	QPSK	36	20	21.35	21.38	21.39
15	QPSK	36	39	21.25	21.32	21.35
15	QPSK	75	0	21.33	21.41	21.47
15	16QAM	1	0	21.00	21.26	21.10
15	16QAM	1	37	21.32	21.35	21.27
15	16QAM	1	74	21.45	21.42	21.34
15	16QAM	36	0	20.46	20.65	20.60
15	16QAM	36	20	20.44	20.49	20.39
15	16QAM	36	39	20.36	20.49	20.56
15	16QAM	75	0	20.52	20.62	20.83



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	22.62	22.42	22.52
10	QPSK	1	25	22.52	22.37	22.42
10	QPSK	1	49	22.22	22.26	22.34
10	QPSK	25	0	21.17	21.24	21.21
10	QPSK	25	12	21.30	21.19	21.25
10	QPSK	25	25	21.08	21.17	21.36
10	QPSK	50	0	21.21	21.19	21.37
10	16QAM	1	0	21.52	21.22	21.14
10	16QAM	1	25	21.25	21.21	21.22
10	16QAM	1	49	21.22	21.62	21.22
10	16QAM	25	0	20.35	20.27	20.41
10	16QAM	25	12	20.56	20.37	20.40
10	16QAM	25	25	20.38	20.25	20.50
10	16QAM	50	0	20.28	20.36	20.44



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	22.26	22.42	22.51
5	QPSK	1	12	22.33	22.38	22.42
5	QPSK	1	24	22.29	22.45	22.38
5	QPSK	12	0	21.40	21.21	21.28
5	QPSK	12	7	21.36	21.34	21.49
5	QPSK	12	13	21.33	21.25	21.35
5	QPSK	25	0	21.29	21.27	21.34
5	16QAM	1	0	21.24	21.30	21.38
5	16QAM	1	12	21.43	21.00	21.27
5	16QAM	1	24	21.33	21.01	21.12
5	16QAM	12	0	20.62	20.43	20.58
5	16QAM	12	7	20.58	20.45	20.77
5	16QAM	12	13	20.61	20.31	20.66
5	16QAM	25	0	20.49	20.42	20.67



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	22.50	22.51	22.53
3	QPSK	1	8	22.41	22.52	22.61
3	QPSK	1	14	22.36	22.37	22.52
3	QPSK	8	0	21.44	21.42	21.43
3	QPSK	8	4	21.35	21.29	21.50
3	QPSK	8	7	21.36	21.24	21.47
3	QPSK	15	0	21.37	21.27	21.57
3	16QAM	1	0	21.34	21.47	21.50
3	16QAM	1	8	21.33	21.62	21.73
3	16QAM	1	14	21.35	21.30	21.79
3	16QAM	8	0	20.76	20.49	20.72
3	16QAM	8	4	20.58	20.43	20.72
3	16QAM	8	7	20.53	20.36	20.63
3	16QAM	15	0	20.39	20.34	20.56



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	22.42	22.13	22.26
1.4	QPSK	1	3	22.19	22.20	22.26
1.4	QPSK	1	5	22.26	22.12	22.21
1.4	QPSK	3	0	22.43	22.32	22.34
1.4	QPSK	3	1	22.33	22.35	22.39
1.4	QPSK	3	3	22.33	22.36	22.60
1.4	QPSK	6	0	21.70	21.71	21.74
1.4	16QAM	1	0	21.62	21.62	21.91
1.4	16QAM	1	3	21.52	21.46	21.51
1.4	16QAM	1	5	21.48	21.61	21.70
1.4	16QAM	3	0	21.78	21.37	21.49
1.4	16QAM	3	1	21.83	21.37	21.77
1.4	16QAM	3	3	21.72	21.69	21.56
1.4	16QAM	6	0	20.49	20.45	20.52



LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26865	26915	26965
Frequency (MHz)				831.5	836.5	841.5
15	QPSK	1	0	23.82	23.78	23.73
15	QPSK	1	37	23.72	23.69	23.67
15	QPSK	1	74	23.68	23.71	23.72
15	QPSK	36	0	22.75	22.69	22.74
15	QPSK	36	20	22.63	22.64	22.71
15	QPSK	36	39	22.70	22.65	22.63
15	QPSK	75	0	22.71	22.68	22.67
15	16QAM	1	0	22.20	22.23	22.29
15	16QAM	1	37	22.63	22.51	22.28
15	16QAM	1	74	22.41	22.38	22.24
15	16QAM	36	0	21.71	21.69	21.74
15	16QAM	36	20	21.85	21.79	21.72
15	16QAM	36	39	21.76	21.71	21.66
15	16QAM	75	0	21.65	21.66	21.68



LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26840	26915	26990
Frequency (MHz)				829.0	836.5	844.0
10	QPSK	1	0	23.63	23.65	23.72
10	QPSK	1	25	23.67	23.69	23.74
10	QPSK	1	49	23.71	23.69	23.78
10	QPSK	25	0	22.69	22.75	22.71
10	QPSK	25	12	22.76	22.71	22.74
10	QPSK	25	25	22.60	22.51	22.58
10	QPSK	50	0	22.67	22.63	22.71
10	16QAM	1	0	22.37	22.30	22.31
10	16QAM	1	25	22.24	22.31	22.28
10	16QAM	1	49	22.19	22.23	22.20
10	16QAM	25	0	21.89	21.90	21.94
10	16QAM	25	12	22.11	22.13	22.08
10	16QAM	25	25	21.74	21.71	21.77
10	16QAM	50	0	21.79	21.76	21.81



LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26815	26915	27015
Frequency (MHz)				826.5	836.5	846.5
5	QPSK	1	0	23.68	23.74	23.75
5	QPSK	1	12	23.59	23.67	23.61
5	QPSK	1	24	23.44	23.51	23.50
5	QPSK	12	0	22.71	22.70	22.66
5	QPSK	12	7	22.58	22.51	22.53
5	QPSK	12	13	22.59	22.54	22.51
5	QPSK	25	0	22.58	22.61	22.55
5	16QAM	1	0	22.49	22.52	22.47
5	16QAM	1	12	22.04	22.11	22.12
5	16QAM	1	24	22.14	22.07	22.10
5	16QAM	12	0	21.79	21.82	21.84
5	16QAM	12	7	21.72	21.76	21.73
5	16QAM	12	13	21.30	21.28	21.34
5	16QAM	25	0	21.71	21.75	21.69



LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26805	26915	27025
Frequency (MHz)				825.5	836.5	847.5
3	QPSK	1	0	23.50	23.48	23.53
3	QPSK	1	8	23.48	23.53	23.49
3	QPSK	1	14	23.53	23.55	23.48
3	QPSK	8	0	22.57	22.60	22.65
3	QPSK	8	4	22.57	22.59	22.61
3	QPSK	8	7	22.57	22.59	22.56
3	QPSK	15	0	22.56	22.61	22.59
3	16QAM	1	0	22.23	22.31	22.27
3	16QAM	1	8	22.18	22.21	22.25
3	16QAM	1	14	22.55	22.48	22.50
3	16QAM	8	0	21.59	21.63	21.65
3	16QAM	8	4	21.48	21.43	21.47
3	16QAM	8	7	21.59	21.60	21.63
3	16QAM	15	0	21.65	21.58	21.64



LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26797	26915	27033
Frequency (MHz)				824.7	836.5	848.3
1.4	QPSK	1	0	23.62	23.67	23.71
1.4	QPSK	1	3	23.70	23.71	23.76
1.4	QPSK	1	5	23.56	23.62	23.64
1.4	QPSK	3	0	23.58	23.60	23.64
1.4	QPSK	3	1	23.58	23.63	23.67
1.4	QPSK	3	3	23.71	23.68	23.79
1.4	QPSK	6	0	22.68	22.63	22.66
1.4	16QAM	1	0	22.23	22.30	22.28
1.4	16QAM	1	3	22.36	22.41	22.38
1.4	16QAM	1	5	22.34	22.41	22.37
1.4	16QAM	3	0	22.52	22.48	22.53
1.4	16QAM	3	1	22.59	22.64	22.66
1.4	16QAM	3	3	22.67	22.62	22.70
1.4	16QAM	6	0	21.71	21.66	21.72



LTE Band 38						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				37850	38000	38150
Frequency (MHz)				2580	2595	2610
20	QPSK	1	0	23.47	23.58	23.42
20	QPSK	1	49	23.39	23.42	23.40
20	QPSK	1	99	23.38	23.34	23.46
20	QPSK	50	0	22.46	22.52	22.42
20	QPSK	50	24	22.22	22.25	22.27
20	QPSK	50	50	22.13	22.12	22.20
20	QPSK	100	0	22.16	22.12	22.23
20	16QAM	1	0	21.54	21.55	21.52
20	16QAM	1	49	21.55	21.41	21.43
20	16QAM	1	99	21.46	21.52	21.55
20	16QAM	50	0	21.08	21.24	21.11
20	16QAM	50	24	21.12	21.31	21.34
20	16QAM	50	50	21.06	21.19	21.31
20	16QAM	100	0	21.12	21.11	21.15



LTE Band 38						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				37825	38000	38175
Frequency (MHz)				2577.5	2595	2612.5
15	QPSK	1	0	23.23	22.93	22.98
15	QPSK	1	37	23.37	23.36	23.39
15	QPSK	1	74	22.99	22.92	23.24
15	QPSK	36	0	22.18	22.19	22.24
15	QPSK	36	20	22.21	22.35	22.37
15	QPSK	36	39	22.12	22.10	22.19
15	QPSK	75	0	22.15	22.21	22.23
15	16QAM	1	0	21.27	21.38	21.36
15	16QAM	1	37	21.26	21.42	21.34
15	16QAM	1	74	21.54	21.76	21.54
15	16QAM	36	0	21.07	21.21	21.19
15	16QAM	36	20	21.22	21.19	21.33
15	16QAM	36	39	21.17	21.07	21.30
15	16QAM	75	0	21.21	21.19	21.23



LTE Band 38						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				37800	38000	38200
Frequency (MHz)				2575	2595	2615
10	QPSK	1	0	23.33	23.42	23.33
10	QPSK	1	25	23.16	23.26	23.15
10	QPSK	1	49	23.22	23.24	23.28
10	QPSK	25	0	22.24	22.22	22.33
10	QPSK	25	12	22.20	22.34	22.38
10	QPSK	25	25	22.08	22.14	22.30
10	QPSK	50	0	22.21	22.18	22.32
10	16QAM	1	0	21.52	21.46	21.52
10	16QAM	1	25	21.55	21.43	21.42
10	16QAM	1	49	21.42	21.44	21.34
10	16QAM	25	0	21.16	21.45	21.13
10	16QAM	25	12	21.37	21.15	21.32
10	16QAM	25	25	21.35	21.15	21.21
10	16QAM	50	0	21.08	21.19	21.12



LTE Band 38						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				37775	38000	38225
Frequency (MHz)				2572.5	2595	2617.5
5	QPSK	1	0	23.22	23.44	23.34
5	QPSK	1	12	23.27	23.38	23.29
5	QPSK	1	24	23.24	23.27	23.25
5	QPSK	12	0	22.21	22.22	22.31
5	QPSK	12	7	22.29	22.35	22.37
5	QPSK	12	13	22.15	22.25	22.29
5	QPSK	25	0	22.21	22.17	22.31
5	16QAM	1	0	21.52	21.55	21.42
5	16QAM	1	12	21.42	21.41	21.52
5	16QAM	1	24	21.44	21.43	21.62
5	16QAM	12	0	21.37	21.13	21.42
5	16QAM	12	7	21.37	21.56	21.29
5	16QAM	12	13	21.35	21.37	21.22
5	16QAM	25	0	21.18	21.17	21.31



LTE Band 40, Block A						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				/	38750	/
Frequency (MHz)				/	2310	/
10	QPSK	1	0	/	23.40	/
10	QPSK	1	25	/	23.23	/
10	QPSK	1	49	/	22.99	/
10	QPSK	25	0	/	22.74	/
10	QPSK	25	12	/	22.23	/
10	QPSK	25	25	/	22.21	/
10	QPSK	50	0	/	22.21	/
10	16QAM	1	0	/	22.19	/
10	16QAM	1	25	/	22.07	/
10	16QAM	1	49	/	22.18	/
10	16QAM	25	0	/	21.41	/
10	16QAM	25	12	/	21.48	/
10	16QAM	25	25	/	21.42	/
10	16QAM	50	0	/	21.21	/



LTE Band 40, Block A						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				38725	38750	38775
Frequency (MHz)				2307.5	2310	2312.5
5	QPSK	1	0	23.34	23.36	23.24
5	QPSK	1	12	23.33	23.22	23.25
5	QPSK	1	24	23.22	23.28	23.18
5	QPSK	12	0	22.23	22.20	22.25
5	QPSK	12	7	22.26	22.30	22.29
5	QPSK	12	13	22.21	22.22	22.25
5	QPSK	25	0	22.14	22.22	22.27
5	16QAM	1	0	22.23	22.34	22.43
5	16QAM	1	12	22.24	22.16	22.33
5	16QAM	1	24	22.28	22.24	22.34
5	16QAM	12	0	21.14	21.33	21.29
5	16QAM	12	7	21.17	21.33	21.33
5	16QAM	12	13	21.30	21.25	21.28
5	16QAM	25	0	21.47	21.45	21.46



LTE Band 40, Block B						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				/	39200	/
Frequency (MHz)				/	2355	/
10	QPSK	1	0	/	23.38	/
10	QPSK	1	25	/	23.31	/
10	QPSK	1	49	/	23.21	/
10	QPSK	25	0	/	22.68	/
10	QPSK	25	12	/	22.64	/
10	QPSK	25	25	/	22.40	/
10	QPSK	50	0	/	22.42	/
10	16QAM	1	0	/	21.79	/
10	16QAM	1	25	/	21.80	/
10	16QAM	1	49	/	22.01	/
10	16QAM	25	0	/	21.92	/
10	16QAM	25	12	/	21.87	/
10	16QAM	25	25	/	21.80	/
10	16QAM	50	0	/	21.08	/



LTE Band 40, Block B						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39175	39200	39225
Frequency (MHz)				2352.5	2355	2357.5
5	QPSK	1	0	23.22	23.34	23.26
5	QPSK	1	12	23.27	23.25	23.22
5	QPSK	1	24	23.33	23.14	23.31
5	QPSK	12	0	22.14	22.18	22.33
5	QPSK	12	7	22.15	22.17	22.34
5	QPSK	12	13	22.28	22.24	22.24
5	QPSK	25	0	22.13	22.32	22.33
5	16QAM	1	0	22.19	22.26	22.27
5	16QAM	1	12	22.33	22.17	22.34
5	16QAM	1	24	22.16	22.26	22.24
5	16QAM	12	0	21.16	21.17	21.42
5	16QAM	12	7	21.20	21.22	21.22
5	16QAM	12	13	21.18	21.26	21.25
5	16QAM	25	0	21.31	20.97	21.16



LTE Band 41						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39750	40620	41490
Frequency (MHz)				2506	2593	2680
20	QPSK	1	0	25.24	25.31	25.20
20	QPSK	1	49	25.10	25.29	25.20
20	QPSK	1	99	25.05	25.21	25.14
20	QPSK	50	0	24.21	24.34	24.24
20	QPSK	50	24	24.10	24.30	24.21
20	QPSK	50	50	24.05	24.31	24.00
20	QPSK	100	0	24.11	24.33	24.17
20	16QAM	1	0	23.64	23.82	23.88
20	16QAM	1	49	24.06	24.11	24.00
20	16QAM	1	99	23.62	23.75	23.79
20	16QAM	50	0	23.34	23.51	23.42
20	16QAM	50	24	23.33	23.27	23.51
20	16QAM	50	50	23.51	23.33	23.55
20	16QAM	100	0	23.42	23.23	23.51



LTE Band 41						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39725	40620	41515
Frequency (MHz)				2503.5	2593	2682.5
15	QPSK	1	0	24.79	25.17	25.06
15	QPSK	1	37	25.18	25.15	25.20
15	QPSK	1	74	24.82	24.96	24.81
15	QPSK	36	0	24.17	24.30	24.20
15	QPSK	36	20	24.20	24.31	24.19
15	QPSK	36	39	24.08	24.29	23.92
15	QPSK	75	0	24.09	24.31	24.04
15	16QAM	1	0	23.75	24.02	23.74
15	16QAM	1	37	23.90	24.00	23.93
15	16QAM	1	74	23.70	23.93	23.67
15	16QAM	36	0	23.44	23.56	23.52
15	16QAM	36	20	23.52	23.55	23.61
15	16QAM	36	39	23.62	23.62	23.51
15	16QAM	75	0	23.38	23.29	23.37



LTE Band 41						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39700	40620	41540
Frequency (MHz)				2501	2593	2685
10	QPSK	1	0	24.86	25.05	24.90
10	QPSK	1	25	25.14	25.15	25.07
10	QPSK	1	49	24.89	24.97	24.79
10	QPSK	25	0	24.18	24.32	24.13
10	QPSK	25	12	24.30	24.38	24.13
10	QPSK	25	25	24.18	24.31	23.98
10	QPSK	50	0	24.13	24.36	24.07
10	16QAM	1	0	23.66	23.61	23.66
10	16QAM	1	25	23.55	23.51	23.55
10	16QAM	1	49	23.46	23.55	23.76
10	16QAM	25	0	23.49	23.42	23.30
10	16QAM	25	12	23.41	23.50	23.32
10	16QAM	25	25	23.50	23.41	23.27
10	16QAM	50	0	23.12	23.35	23.03



LTE Band 41						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39675	40620	41565
Frequency (MHz)				2498.5	2593	2687.5
5	QPSK	1	0	24.87	25.04	24.89
5	QPSK	1	12	25.02	25.09	24.90
5	QPSK	1	24	25.05	25.06	24.72
5	QPSK	12	0	24.23	24.47	24.13
5	QPSK	12	7	24.24	24.28	24.15
5	QPSK	12	13	24.24	24.39	24.10
5	QPSK	25	0	24.23	24.31	24.04
5	16QAM	1	0	23.75	23.78	23.68
5	16QAM	1	12	23.85	23.99	23.62
5	16QAM	1	24	23.89	23.81	23.59
5	16QAM	12	0	23.23	23.20	23.18
5	16QAM	12	7	23.36	23.17	23.21
5	16QAM	12	13	23.24	23.13	23.01
5	16QAM	25	0	23.36	23.18	23.22



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				132072	132322	132572
Frequency (MHz)				1720	1745	1770
20	QPSK	1	0	22.78	22.82	22.72
20	QPSK	1	49	22.53	22.56	22.62
20	QPSK	1	99	22.58	22.66	22.58
20	QPSK	50	0	21.68	21.72	21.69
20	QPSK	50	24	21.40	21.59	21.61
20	QPSK	50	50	21.30	21.53	21.56
20	QPSK	100	0	21.39	21.48	21.53
20	16QAM	1	0	21.52	21.52	21.66
20	16QAM	1	49	21.66	21.18	21.55
20	16QAM	1	99	21.58	21.62	21.62
20	16QAM	50	0	20.64	20.67	20.43
20	16QAM	50	24	20.63	20.71	20.58
20	16QAM	50	50	20.76	20.65	20.57
20	16QAM	100	0	20.34	20.58	20.54



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	22.28	22.48	22.59
15	QPSK	1	37	22.33	22.53	22.62
15	QPSK	1	74	22.16	22.41	22.52
15	QPSK	36	0	21.46	21.71	21.67
15	QPSK	36	20	21.37	21.64	21.57
15	QPSK	36	39	21.42	21.69	21.58
15	QPSK	75	0	21.45	21.56	21.66
15	16QAM	1	0	21.62	21.26	21.41
15	16QAM	1	37	21.45	21.31	21.49
15	16QAM	1	74	21.35	21.28	21.28
15	16QAM	36	0	20.39	20.57	20.37
15	16QAM	36	20	20.39	20.63	20.48
15	16QAM	36	39	20.34	20.72	20.46
15	16QAM	75	0	20.43	20.60	20.63



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	22.51	22.78	22.51
10	QPSK	1	25	22.52	22.80	22.45
10	QPSK	1	49	22.49	22.67	22.54
10	QPSK	25	0	21.52	21.84	21.82
10	QPSK	25	12	21.56	21.80	21.71
10	QPSK	25	25	21.65	21.76	21.68
10	QPSK	50	0	21.41	21.72	21.67
10	16QAM	1	0	21.56	21.30	21.38
10	16QAM	1	25	21.64	21.35	21.45
10	16QAM	1	49	21.18	21.27	21.20
10	16QAM	25	0	20.50	20.52	20.40
10	16QAM	25	12	20.49	20.81	20.71
10	16QAM	25	25	20.65	20.75	20.80
10	16QAM	50	0	20.69	20.71	20.57



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	22.52	22.65	22.54
5	QPSK	1	12	22.48	22.55	22.62
5	QPSK	1	24	22.55	22.56	22.51
5	QPSK	12	0	21.49	21.54	21.49
5	QPSK	12	7	21.41	21.64	21.56
5	QPSK	12	13	21.30	21.57	21.50
5	QPSK	25	0	21.37	21.52	21.49
5	16QAM	1	0	20.68	21.13	20.98
5	16QAM	1	12	20.82	21.05	20.84
5	16QAM	1	24	21.15	21.14	21.05
5	16QAM	12	0	20.52	20.52	20.39
5	16QAM	12	7	20.27	20.57	20.59
5	16QAM	12	13	20.39	20.47	20.64
5	16QAM	25	0	20.30	20.54	20.45



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	22.63	22.68	22.74
3	QPSK	1	8	22.25	22.40	22.33
3	QPSK	1	14	22.37	22.50	22.56
3	QPSK	8	0	21.35	21.60	21.53
3	QPSK	8	4	21.36	21.60	21.52
3	QPSK	8	7	21.30	21.69	21.56
3	QPSK	15	0	21.30	21.62	21.50
3	16QAM	1	0	21.18	21.22	21.10
3	16QAM	1	8	21.29	21.18	21.05
3	16QAM	1	14	21.27	21.34	21.52
3	16QAM	8	0	20.37	20.57	20.50
3	16QAM	8	4	20.46	20.66	20.48
3	16QAM	8	7	20.37	20.72	20.65
3	16QAM	15	0	20.17	20.66	20.42



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	22.56	22.57	22.67
1.4	QPSK	1	3	22.40	22.65	22.41
1.4	QPSK	1	5	22.22	22.54	22.19
1.4	QPSK	3	0	22.38	22.52	22.50
1.4	QPSK	3	1	22.35	22.67	22.63
1.4	QPSK	3	3	22.44	22.57	22.43
1.4	QPSK	6	0	21.38	21.50	21.44
1.4	16QAM	1	0	21.41	21.35	21.64
1.4	16QAM	1	3	21.37	21.69	21.67
1.4	16QAM	1	5	21.24	21.38	21.27
1.4	16QAM	3	0	21.32	21.44	21.36
1.4	16QAM	3	1	21.25	21.11	21.42
1.4	16QAM	3	3	21.20	21.49	21.35
1.4	16QAM	6	0	20.20	20.32	20.60



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	23.52	23.53	23.48
20	QPSK	1	49	23.41	23.35	23.20
20	QPSK	1	99	23.26	23.26	23.16
20	QPSK	50	0	22.48	22.54	22.46
20	QPSK	50	24	22.22	22.26	22.24
20	QPSK	50	50	22.28	22.19	22.16
20	QPSK	100	0	22.15	22.17	22.15
20	16QAM	1	0	22.15	22.17	22.16
20	16QAM	1	49	22.26	22.26	22.15
20	16QAM	1	99	22.24	22.25	22.15
20	16QAM	50	0	21.24	21.29	21.20
20	16QAM	50	24	21.31	21.37	21.33
20	16QAM	50	50	21.21	21.24	21.16
20	16QAM	100	0	21.22	21.16	21.12



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)				670.8	680.5	690.5
15	QPSK	1	0	23.38	23.46	23.37
15	QPSK	1	37	23.42	23.22	23.51
15	QPSK	1	74	23.29	23.42	23.39
15	QPSK	36	0	22.17	22.26	22.24
15	QPSK	36	20	22.22	22.32	22.27
15	QPSK	36	39	22.46	22.39	22.33
15	QPSK	75	0	22.24	22.25	22.23
15	16QAM	1	0	22.13	21.88	21.81
15	16QAM	1	37	22.29	21.84	22.15
15	16QAM	1	74	22.22	22.00	22.09
15	16QAM	36	0	21.13	21.15	21.12
15	16QAM	36	20	21.28	21.30	21.27
15	16QAM	36	39	21.14	21.44	21.37
15	16QAM	75	0	21.23	21.37	21.34



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	23.24	23.34	23.26
10	QPSK	1	25	23.22	23.16	23.24
10	QPSK	1	49	23.16	23.25	23.19
10	QPSK	25	0	22.14	22.27	22.23
10	QPSK	25	12	22.10	22.15	22.18
10	QPSK	25	25	22.10	22.16	22.12
10	QPSK	50	0	22.09	22.21	22.19
10	16QAM	1	0	22.20	21.99	22.00
10	16QAM	1	25	22.27	22.01	22.24
10	16QAM	1	49	22.06	21.79	21.85
10	16QAM	25	0	21.56	21.23	21.29
10	16QAM	25	12	21.62	21.23	21.27
10	16QAM	25	25	21.55	21.13	21.26
10	16QAM	50	0	21.17	21.45	21.27



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	23.11	23.32	23.22
5	QPSK	1	12	23.16	23.22	23.11
5	QPSK	1	24	23.04	23.15	23.15
5	QPSK	12	0	22.16	22.18	22.17
5	QPSK	12	7	22.16	22.21	22.19
5	QPSK	12	13	22.08	22.21	22.08
5	QPSK	25	0	22.16	22.10	22.16
5	16QAM	1	0	21.90	21.76	21.95
5	16QAM	1	12	21.62	21.77	21.77
5	16QAM	1	24	21.59	21.65	21.56
5	16QAM	12	0	21.24	21.14	21.10
5	16QAM	12	7	21.22	21.06	21.04
5	16QAM	12	13	21.16	21.07	21.06
5	16QAM	25	0	21.17	21.10	21.06



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	23.49	0.223	23.57	0.228	23.52	0.225
20	QPSK	1	49	23.31	0.214	23.33	0.215	23.36	0.217
20	QPSK	1	99	23.21	0.209	23.19	0.208	23.15	0.207
20	QPSK	50	0	22.59	0.182	22.60	0.182	22.53	0.179
20	QPSK	50	24	22.57	0.181	22.32	0.171	22.31	0.170
20	QPSK	50	50	22.48	0.177	22.26	0.168	22.22	0.167
20	QPSK	100	0	22.49	0.177	22.29	0.169	22.16	0.164
20	16QAM	1	0	22.20	0.166	22.08	0.161	22.05	0.160
20	16QAM	1	49	22.02	0.159	21.92	0.156	21.90	0.155
20	16QAM	1	99	21.89	0.155	21.77	0.150	21.81	0.152
20	16QAM	50	0	20.96	0.125	20.99	0.126	20.88	0.122
20	16QAM	50	24	20.90	0.123	20.86	0.122	20.77	0.119
20	16QAM	50	50	20.75	0.119	20.66	0.116	20.68	0.117
20	16QAM	100	0	20.75	0.119	20.58	0.114	20.39	0.109



LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18675		18900		19125	
Frequency (MHz)				1857.5		1880		1902.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	23.52	0.225	23.48	0.223	23.39	0.218
15	QPSK	1	37	23.32	0.215	23.22	0.210	23.29	0.213
15	QPSK	1	74	23.15	0.207	23.11	0.205	23.13	0.206
15	QPSK	36	0	22.42	0.175	22.41	0.174	22.35	0.172
15	QPSK	36	20	22.48	0.177	22.47	0.177	22.43	0.175
15	QPSK	36	39	22.18	0.165	22.17	0.165	22.13	0.163
15	QPSK	75	0	22.44	0.175	22.14	0.164	22.07	0.161
15	16QAM	1	0	21.68	0.147	21.25	0.133	21.70	0.148
15	16QAM	1	37	21.44	0.139	21.43	0.139	21.45	0.140
15	16QAM	1	74	21.31	0.135	21.29	0.135	21.34	0.136
15	16QAM	36	0	20.83	0.121	20.92	0.124	20.74	0.119
15	16QAM	36	20	20.70	0.117	20.60	0.115	20.65	0.116
15	16QAM	36	39	20.52	0.113	20.58	0.114	20.52	0.113
15	16QAM	75	0	20.88	0.122	20.51	0.112	20.39	0.109



LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18650		18900		19150	
Frequency (MHz)				1855		1880		1905	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	23.49	0.223	23.48	0.223	23.30	0.214
10	QPSK	1	25	23.34	0.216	23.17	0.207	23.24	0.211
10	QPSK	1	49	23.17	0.207	23.06	0.202	23.11	0.205
10	QPSK	25	0	22.37	0.173	22.38	0.173	22.39	0.173
10	QPSK	25	12	22.21	0.166	22.37	0.173	22.22	0.167
10	QPSK	25	25	22.45	0.176	22.34	0.171	22.23	0.167
10	QPSK	50	0	22.49	0.177	22.35	0.172	22.36	0.172
10	16QAM	1	0	21.90	0.155	21.66	0.147	21.66	0.147
10	16QAM	1	25	21.72	0.149	21.61	0.145	21.54	0.143
10	16QAM	1	49	21.69	0.148	21.55	0.143	21.52	0.142
10	16QAM	25	0	20.74	0.119	20.67	0.117	20.49	0.112
10	16QAM	25	12	20.74	0.119	20.58	0.114	20.48	0.112
10	16QAM	25	25	20.68	0.117	20.74	0.119	20.83	0.121
10	16QAM	50	0	20.80	0.120	20.38	0.109	20.63	0.116



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	23.53	0.225	23.55	0.226	23.54	0.226
5	QPSK	1	12	23.54	0.226	23.47	0.222	23.54	0.226
5	QPSK	1	24	23.27	0.212	23.37	0.217	23.45	0.221
5	QPSK	12	0	22.57	0.181	22.29	0.169	22.25	0.168
5	QPSK	12	7	22.54	0.179	22.46	0.176	22.40	0.174
5	QPSK	12	13	22.38	0.173	22.54	0.179	22.55	0.180
5	QPSK	25	0	22.46	0.176	22.19	0.166	22.04	0.160
5	16QAM	1	0	21.74	0.149	21.63	0.146	21.77	0.150
5	16QAM	1	12	21.67	0.147	21.52	0.142	21.43	0.139
5	16QAM	1	24	21.51	0.142	21.45	0.140	21.37	0.137
5	16QAM	12	0	20.90	0.123	20.75	0.119	20.79	0.120
5	16QAM	12	7	21.09	0.129	20.85	0.122	20.83	0.121
5	16QAM	12	13	20.84	0.121	20.76	0.119	20.73	0.118
5	16QAM	25	0	21.06	0.128	20.83	0.121	20.73	0.118



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	23.54	0.226	23.43	0.220	23.43	0.220
3	QPSK	1	8	23.31	0.214	23.36	0.217	23.35	0.216
3	QPSK	1	14	23.43	0.220	23.47	0.222	23.36	0.217
3	QPSK	8	0	22.55	0.180	22.31	0.170	22.36	0.172
3	QPSK	8	4	22.50	0.178	22.37	0.173	22.35	0.172
3	QPSK	8	7	22.57	0.181	22.44	0.175	22.45	0.176
3	QPSK	15	0	22.54	0.179	22.39	0.173	22.36	0.172
3	16QAM	1	0	21.43	0.139	21.52	0.142	21.40	0.138
3	16QAM	1	8	21.41	0.138	21.49	0.141	21.31	0.135
3	16QAM	1	14	21.38	0.137	21.46	0.140	21.27	0.134
3	16QAM	8	0	20.55	0.114	20.77	0.119	20.55	0.114
3	16QAM	8	4	20.73	0.118	20.48	0.112	20.54	0.113
3	16QAM	8	7	20.90	0.123	20.43	0.110	20.57	0.114
3	16QAM	15	0	20.80	0.120	20.36	0.109	20.45	0.111



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	23.34	0.216	23.54	0.226	23.33	0.215
1.4	QPSK	1	3	23.34	0.216	23.26	0.212	23.34	0.216
1.4	QPSK	1	5	23.25	0.211	23.08	0.203	23.35	0.216
1.4	QPSK	3	0	23.43	0.220	23.26	0.212	23.32	0.215
1.4	QPSK	3	1	23.33	0.215	23.21	0.209	23.43	0.220
1.4	QPSK	3	3	23.43	0.220	23.18	0.208	23.30	0.214
1.4	QPSK	6	0	22.72	0.187	22.66	0.185	22.44	0.175
1.4	16QAM	1	0	21.92	0.156	21.73	0.149	21.83	0.152
1.4	16QAM	1	3	21.82	0.152	21.73	0.149	21.83	0.152
1.4	16QAM	1	5	21.77	0.150	21.83	0.152	21.76	0.150
1.4	16QAM	3	0	21.68	0.147	21.76	0.150	21.75	0.150
1.4	16QAM	3	1	21.66	0.147	21.51	0.142	21.51	0.142
1.4	16QAM	3	3	21.52	0.142	21.38	0.137	21.28	0.134
1.4	16QAM	6	0	20.65	0.116	20.22	0.105	20.22	0.105



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	22.56	0.180	22.69	0.186	22.57	0.181
20	QPSK	1	49	22.45	0.176	22.37	0.173	22.59	0.182
20	QPSK	1	99	22.48	0.177	22.44	0.175	22.46	0.176
20	QPSK	50	0	21.69	0.148	21.72	0.149	21.70	0.148
20	QPSK	50	24	21.57	0.144	21.66	0.147	21.59	0.144
20	QPSK	50	50	21.73	0.149	21.69	0.148	21.50	0.141
20	QPSK	100	0	21.64	0.146	21.63	0.146	21.46	0.140
20	16QAM	1	0	21.24	0.133	21.55	0.143	21.39	0.138
20	16QAM	1	49	21.53	0.142	21.46	0.140	21.62	0.145
20	16QAM	1	99	21.46	0.140	21.40	0.138	21.37	0.137
20	16QAM	50	0	20.63	0.116	20.52	0.113	20.50	0.112
20	16QAM	50	24	20.76	0.119	20.67	0.117	20.68	0.117
20	16QAM	50	50	20.73	0.118	20.66	0.116	20.62	0.115
20	16QAM	100	0	20.60	0.115	20.61	0.115	20.76	0.119



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	22.41	0.174	22.45	0.176	22.59	0.182
15	QPSK	1	37	22.30	0.170	22.38	0.173	22.51	0.178
15	QPSK	1	74	22.21	0.166	22.34	0.171	22.42	0.175
15	QPSK	36	0	21.94	0.156	22.00	0.158	21.99	0.158
15	QPSK	36	20	21.68	0.147	21.82	0.152	21.83	0.152
15	QPSK	36	39	21.56	0.143	21.63	0.146	21.53	0.142
15	QPSK	75	0	21.70	0.148	21.69	0.148	21.68	0.147
15	16QAM	1	0	21.50	0.141	21.50	0.141	21.48	0.141
15	16QAM	1	37	21.51	0.142	21.40	0.138	21.46	0.140
15	16QAM	1	74	21.62	0.145	21.65	0.146	21.48	0.141
15	16QAM	36	0	20.66	0.116	20.59	0.115	20.46	0.111
15	16QAM	36	20	20.71	0.118	20.68	0.117	20.76	0.119
15	16QAM	36	39	20.30	0.107	20.45	0.111	20.28	0.107
15	16QAM	75	0	20.77	0.119	20.82	0.121	20.48	0.112



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	22.55	0.180	22.58	0.181	22.64	0.184
10	QPSK	1	25	22.53	0.179	22.62	0.183	22.63	0.183
10	QPSK	1	49	22.22	0.167	22.46	0.176	22.48	0.177
10	QPSK	25	0	21.66	0.147	21.67	0.147	21.50	0.141
10	QPSK	25	12	21.73	0.149	21.78	0.151	21.70	0.148
10	QPSK	25	25	21.36	0.137	21.53	0.142	21.40	0.138
10	QPSK	50	0	21.65	0.146	21.70	0.148	21.74	0.149
10	16QAM	1	0	21.43	0.139	21.83	0.152	21.65	0.146
10	16QAM	1	25	21.71	0.148	21.50	0.141	21.57	0.144
10	16QAM	1	49	21.70	0.148	21.34	0.136	21.54	0.143
10	16QAM	25	0	20.46	0.111	20.72	0.118	20.49	0.112
10	16QAM	25	12	20.76	0.119	20.80	0.120	20.50	0.112
10	16QAM	25	25	20.43	0.110	20.58	0.114	20.38	0.109
10	16QAM	50	0	20.76	0.119	20.85	0.122	20.74	0.119



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	22.61	0.182	22.64	0.184	22.53	0.179
5	QPSK	1	12	22.56	0.180	22.68	0.185	22.52	0.179
5	QPSK	1	24	22.63	0.183	22.68	0.185	22.46	0.176
5	QPSK	12	0	21.70	0.148	21.83	0.152	21.79	0.151
5	QPSK	12	7	21.57	0.144	21.74	0.149	21.69	0.148
5	QPSK	12	13	21.45	0.140	21.64	0.146	21.47	0.140
5	QPSK	25	0	21.60	0.145	21.77	0.150	21.64	0.146
5	16QAM	1	0	21.43	0.139	21.81	0.152	21.70	0.148
5	16QAM	1	12	21.78	0.151	21.67	0.147	21.60	0.145
5	16QAM	1	24	21.46	0.140	21.47	0.140	21.50	0.141
5	16QAM	12	0	20.65	0.116	20.74	0.119	20.77	0.119
5	16QAM	12	7	20.54	0.113	20.65	0.116	20.57	0.114
5	16QAM	12	13	20.29	0.107	20.62	0.115	20.39	0.109
5	16QAM	25	0	20.53	0.113	20.93	0.124	20.79	0.120



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	22.52	0.179	22.50	0.178	22.41	0.174
3	QPSK	1	8	22.51	0.178	22.58	0.181	22.41	0.174
3	QPSK	1	14	22.50	0.178	22.40	0.174	22.46	0.176
3	QPSK	8	0	21.48	0.141	21.55	0.143	21.42	0.139
3	QPSK	8	4	21.41	0.138	21.54	0.143	21.36	0.137
3	QPSK	8	7	21.30	0.135	21.39	0.138	21.36	0.137
3	QPSK	15	0	21.34	0.136	21.51	0.142	21.34	0.136
3	16QAM	1	0	21.14	0.130	20.98	0.125	21.25	0.133
3	16QAM	1	8	21.18	0.131	21.19	0.132	21.29	0.135
3	16QAM	1	14	21.46	0.140	21.41	0.138	21.39	0.138
3	16QAM	8	0	20.38	0.109	20.58	0.114	20.58	0.114
3	16QAM	8	4	20.44	0.111	20.59	0.115	20.50	0.112
3	16QAM	8	7	20.45	0.111	20.47	0.111	20.23	0.105
3	16QAM	15	0	20.38	0.109	20.52	0.113	20.42	0.110



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	22.32	0.171	22.42	0.175	22.23	0.167
1.4	QPSK	1	3	22.35	0.172	22.45	0.176	22.37	0.173
1.4	QPSK	1	5	22.23	0.167	22.37	0.173	22.22	0.167
1.4	QPSK	3	0	22.32	0.171	22.41	0.174	22.32	0.171
1.4	QPSK	3	1	22.34	0.171	22.47	0.177	22.33	0.171
1.4	QPSK	3	3	22.33	0.171	22.48	0.177	22.36	0.172
1.4	QPSK	6	0	21.31	0.135	21.45	0.140	21.33	0.136
1.4	16QAM	1	0	21.32	0.136	21.41	0.138	21.43	0.139
1.4	16QAM	1	3	21.61	0.145	21.46	0.140	21.53	0.142
1.4	16QAM	1	5	21.39	0.138	21.40	0.138	21.68	0.147
1.4	16QAM	3	0	21.45	0.140	21.28	0.134	21.26	0.134
1.4	16QAM	3	1	21.38	0.137	21.37	0.137	21.36	0.137
1.4	16QAM	3	3	21.38	0.137	21.40	0.138	21.25	0.133
1.4	16QAM	6	0	20.46	0.111	20.45	0.111	20.08	0.102



LTE Band 5				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20450		20525		20600	
Frequency (MHz)				829		836.5		844	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	19.41	0.087	19.54	0.090	19.50	0.089
10	QPSK	1	25	19.50	0.089	19.51	0.089	19.45	0.088
10	QPSK	1	49	19.45	0.088	19.53	0.090	19.46	0.088
10	QPSK	25	0	18.23	0.067	18.34	0.068	18.21	0.066
10	QPSK	25	12	18.29	0.067	18.32	0.068	18.28	0.067
10	QPSK	25	25	18.25	0.067	18.20	0.066	18.25	0.067
10	QPSK	50	0	18.28	0.067	18.33	0.068	18.19	0.066
10	16QAM	1	0	18.37	0.069	18.57	0.072	18.45	0.070
10	16QAM	1	25	18.46	0.070	18.42	0.070	18.45	0.070
10	16QAM	1	49	18.46	0.070	18.59	0.072	18.60	0.072
10	16QAM	25	0	17.00	0.050	17.25	0.053	17.17	0.052
10	16QAM	25	12	17.15	0.052	17.23	0.053	17.24	0.053
10	16QAM	25	25	17.34	0.054	17.22	0.053	17.18	0.052
10	16QAM	50	0	17.14	0.052	17.40	0.055	17.30	0.054



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	19.49	0.089	19.37	0.086	19.24	0.084
5	QPSK	1	12	19.39	0.087	19.33	0.086	19.32	0.086
5	QPSK	1	24	19.07	0.081	19.05	0.080	18.99	0.079
5	QPSK	12	0	18.36	0.069	18.45	0.070	18.34	0.068
5	QPSK	12	7	18.31	0.068	18.34	0.068	18.31	0.068
5	QPSK	12	13	18.21	0.066	18.19	0.066	18.18	0.066
5	QPSK	25	0	18.31	0.068	18.37	0.069	18.23	0.067
5	16QAM	1	0	18.56	0.072	18.24	0.067	18.10	0.065
5	16QAM	1	12	18.43	0.070	18.34	0.068	18.29	0.067
5	16QAM	1	24	18.30	0.068	18.14	0.065	18.26	0.067
5	16QAM	12	0	17.40	0.055	17.43	0.055	17.28	0.053
5	16QAM	12	7	17.43	0.055	17.39	0.055	17.37	0.055
5	16QAM	12	13	17.40	0.055	17.35	0.054	17.14	0.052
5	16QAM	25	0	17.41	0.055	17.47	0.056	17.37	0.055



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	19.43	0.088	19.50	0.089	19.39	0.087
3	QPSK	1	8	19.40	0.087	19.27	0.085	19.36	0.086
3	QPSK	1	14	19.15	0.082	19.13	0.082	19.20	0.083
3	QPSK	8	0	18.35	0.068	18.41	0.069	18.47	0.070
3	QPSK	8	4	18.34	0.068	18.36	0.069	18.37	0.069
3	QPSK	8	7	18.22	0.066	18.32	0.068	18.28	0.067
3	QPSK	15	0	18.29	0.067	18.30	0.068	18.35	0.068
3	16QAM	1	0	18.49	0.071	18.56	0.072	18.47	0.070
3	16QAM	1	8	18.43	0.070	18.48	0.070	18.46	0.070
3	16QAM	1	14	18.40	0.069	18.39	0.069	18.14	0.065
3	16QAM	8	0	17.44	0.055	17.39	0.055	17.46	0.056
3	16QAM	8	4	17.28	0.053	17.32	0.054	17.30	0.054
3	16QAM	8	7	17.22	0.053	17.28	0.053	17.34	0.054
3	16QAM	15	0	17.19	0.052	17.56	0.057	17.38	0.055



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	19.29	0.085	19.34	0.086	19.43	0.088
1.4	QPSK	1	3	19.24	0.084	19.27	0.085	19.44	0.088
1.4	QPSK	1	5	19.08	0.081	19.11	0.081	19.22	0.084
1.4	QPSK	3	0	19.43	0.088	19.40	0.087	19.44	0.088
1.4	QPSK	3	1	19.45	0.088	19.39	0.087	19.48	0.089
1.4	QPSK	3	3	19.38	0.087	19.38	0.087	19.38	0.087
1.4	QPSK	6	0	18.31	0.068	18.25	0.067	18.38	0.069
1.4	16QAM	1	0	18.37	0.069	18.24	0.067	18.07	0.064
1.4	16QAM	1	3	18.25	0.067	18.09	0.064	17.96	0.063
1.4	16QAM	1	5	18.19	0.066	18.05	0.064	18.09	0.064
1.4	16QAM	3	0	18.06	0.064	18.07	0.064	18.20	0.066
1.4	16QAM	3	1	18.33	0.068	18.22	0.066	18.23	0.067
1.4	16QAM	3	3	18.04	0.064	18.29	0.067	18.36	0.069
1.4	16QAM	6	0	17.14	0.052	17.13	0.052	17.28	0.053



LTE Band 7				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20850		21100		21350	
Frequency (MHz)				2510		2535		2560	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	24.45	0.279	24.50	0.282	24.59	0.288
20	QPSK	1	49	24.40	0.275	24.43	0.277	24.60	0.288
20	QPSK	1	99	24.24	0.265	24.27	0.267	24.38	0.274
20	QPSK	50	0	24.59	0.288	24.56	0.286	24.60	0.288
20	QPSK	50	24	24.61	0.289	24.55	0.285	24.64	0.291
20	QPSK	50	50	24.54	0.284	24.54	0.284	24.54	0.284
20	QPSK	100	0	23.47	0.222	23.41	0.219	23.54	0.226
20	16QAM	1	0	23.53	0.225	23.40	0.219	23.23	0.210
20	16QAM	1	49	23.41	0.219	23.25	0.211	23.12	0.205
20	16QAM	1	99	23.35	0.216	23.21	0.209	23.25	0.211
20	16QAM	50	0	23.22	0.210	23.23	0.210	23.36	0.217
20	16QAM	50	24	23.49	0.223	23.38	0.218	23.39	0.218
20	16QAM	50	50	23.20	0.209	23.45	0.221	23.52	0.225
20	16QAM	100	0	22.30	0.170	22.29	0.169	22.44	0.175



LTE Band 7				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20825		21100		21375	
Frequency (MHz)				2507.5		2535		2562.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	23.33	0.215	23.35	0.216	23.28	0.213
15	QPSK	1	37	23.32	0.215	23.30	0.214	23.22	0.210
15	QPSK	1	74	23.34	0.216	23.22	0.210	23.07	0.203
15	QPSK	36	0	22.39	0.173	22.29	0.169	22.20	0.166
15	QPSK	36	20	22.37	0.173	22.26	0.168	22.17	0.165
15	QPSK	36	39	22.36	0.172	22.28	0.169	22.16	0.164
15	QPSK	75	0	22.33	0.171	22.32	0.171	22.21	0.166
15	16QAM	1	0	22.00	0.158	22.27	0.169	22.26	0.168
15	16QAM	1	37	22.26	0.168	22.28	0.169	22.25	0.168
15	16QAM	1	74	22.23	0.167	22.29	0.169	22.23	0.167
15	16QAM	36	0	21.38	0.137	21.63	0.146	21.44	0.139
15	16QAM	36	20	21.39	0.138	21.60	0.145	21.41	0.138
15	16QAM	36	39	21.53	0.142	21.56	0.143	21.40	0.138
15	16QAM	75	0	21.56	0.143	21.62	0.145	21.28	0.134



LTE Band 7				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20800		21100		21400	
Frequency (MHz)				2505		2535		2565	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	23.37	0.217	23.46	0.222	23.43	0.220
10	QPSK	1	25	23.34	0.216	23.45	0.221	23.37	0.217
10	QPSK	1	49	23.45	0.221	23.37	0.217	23.41	0.219
10	QPSK	25	0	22.54	0.179	22.44	0.175	22.35	0.172
10	QPSK	25	12	22.52	0.179	22.41	0.174	22.32	0.171
10	QPSK	25	25	22.51	0.178	22.43	0.175	22.31	0.170
10	QPSK	50	0	22.48	0.177	22.47	0.177	22.36	0.172
10	16QAM	1	0	22.15	0.164	22.42	0.175	22.41	0.174
10	16QAM	1	25	22.41	0.174	22.43	0.175	22.40	0.174
10	16QAM	1	49	22.38	0.173	22.44	0.175	22.38	0.173
10	16QAM	25	0	21.53	0.142	21.78	0.151	21.59	0.144
10	16QAM	25	12	21.54	0.143	21.75	0.150	21.56	0.143
10	16QAM	25	25	21.68	0.147	21.71	0.148	21.55	0.143
10	16QAM	50	0	21.71	0.148	21.77	0.150	21.43	0.139



LTE Band 7				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20775		21100		21425	
Frequency (MHz)				2502.5		2535		2567.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	23.27	0.212	23.30	0.214	23.27	0.212
5	QPSK	1	12	23.25	0.211	23.23	0.210	23.15	0.207
5	QPSK	1	24	22.92	0.196	23.15	0.207	23.00	0.200
5	QPSK	12	0	22.32	0.171	22.22	0.167	22.13	0.163
5	QPSK	12	7	22.30	0.170	22.19	0.166	22.10	0.162
5	QPSK	12	13	22.29	0.169	22.21	0.166	22.09	0.162
5	QPSK	25	0	22.26	0.168	22.25	0.168	22.14	0.164
5	16QAM	1	0	21.93	0.156	22.20	0.166	22.19	0.166
5	16QAM	1	12	22.19	0.166	22.21	0.166	22.18	0.165
5	16QAM	1	24	22.16	0.164	22.22	0.167	22.16	0.164
5	16QAM	12	0	21.31	0.135	21.56	0.143	21.37	0.137
5	16QAM	12	7	21.32	0.136	21.53	0.142	21.34	0.136
5	16QAM	12	13	21.46	0.140	21.49	0.141	21.33	0.136
5	16QAM	25	0	21.49	0.141	21.55	0.143	21.21	0.132



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	18.45	0.070	18.53	0.071	18.48	0.070
10	QPSK	1	25	18.24	0.067	18.34	0.068	18.25	0.067
10	QPSK	1	49	18.32	0.068	18.24	0.067	18.37	0.069
10	QPSK	25	0	17.41	0.055	17.49	0.056	17.48	0.056
10	QPSK	25	12	17.15	0.052	17.29	0.054	17.37	0.055
10	QPSK	25	25	17.06	0.051	17.21	0.053	17.33	0.054
10	QPSK	50	0	17.18	0.052	17.14	0.052	17.29	0.054
10	16QAM	1	0	17.00	0.050	17.08	0.051	17.12	0.052
10	16QAM	1	25	16.96	0.050	17.11	0.051	17.28	0.053
10	16QAM	1	49	17.21	0.053	17.13	0.052	17.13	0.052
10	16QAM	25	0	16.62	0.046	16.61	0.046	16.60	0.046
10	16QAM	25	12	16.49	0.045	16.52	0.045	16.60	0.046
10	16QAM	25	25	16.33	0.043	16.41	0.044	16.49	0.045
10	16QAM	50	0	16.05	0.040	15.96	0.039	15.90	0.039



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	18.24	0.067	18.22	0.066	18.18	0.066
5	QPSK	1	12	18.11	0.065	18.23	0.067	18.22	0.066
5	QPSK	1	24	17.92	0.062	18.03	0.064	17.79	0.060
5	QPSK	12	0	17.31	0.054	17.34	0.054	17.32	0.054
5	QPSK	12	7	17.15	0.052	17.28	0.053	17.19	0.052
5	QPSK	12	13	16.99	0.050	17.15	0.052	17.02	0.050
5	QPSK	25	0	17.13	0.052	17.24	0.053	17.09	0.051
5	16QAM	1	0	16.64	0.046	16.88	0.049	16.83	0.048
5	16QAM	1	12	16.72	0.047	16.64	0.046	16.46	0.044
5	16QAM	1	24	16.41	0.044	16.52	0.045	16.42	0.044
5	16QAM	12	0	16.27	0.042	16.29	0.043	16.28	0.042
5	16QAM	12	7	16.11	0.041	16.21	0.042	16.04	0.040
5	16QAM	12	13	16.05	0.040	16.14	0.041	15.94	0.039
5	16QAM	25	0	16.25	0.042	16.07	0.040	16.11	0.041



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	18.22	0.066	18.18	0.066	18.30	0.068
3	QPSK	1	8	18.10	0.065	18.17	0.066	18.13	0.065
3	QPSK	1	14	17.95	0.062	18.01	0.063	18.22	0.066
3	QPSK	8	0	17.29	0.054	17.28	0.053	17.41	0.055
3	QPSK	8	4	17.26	0.053	17.26	0.053	17.27	0.053
3	QPSK	8	7	17.14	0.052	17.22	0.053	17.33	0.054
3	QPSK	15	0	17.12	0.052	17.28	0.053	17.25	0.053
3	16QAM	1	0	16.96	0.050	17.02	0.050	17.20	0.052
3	16QAM	1	8	17.11	0.051	16.91	0.049	16.93	0.049
3	16QAM	1	14	16.81	0.048	16.74	0.047	17.03	0.050
3	16QAM	8	0	16.32	0.043	16.26	0.042	16.22	0.042
3	16QAM	8	4	16.39	0.044	16.21	0.042	16.12	0.041
3	16QAM	8	7	16.19	0.042	16.30	0.043	16.02	0.040
3	16QAM	15	0	16.25	0.042	16.22	0.042	16.24	0.042



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	18.32	0.068	18.08	0.064	18.33	0.068
1.4	QPSK	1	3	18.07	0.064	18.02	0.063	18.08	0.064
1.4	QPSK	1	5	18.01	0.063	17.97	0.063	17.91	0.062
1.4	QPSK	3	0	18.32	0.068	18.16	0.065	18.40	0.069
1.4	QPSK	3	1	18.32	0.068	18.36	0.069	18.07	0.064
1.4	QPSK	3	3	18.27	0.067	18.15	0.065	18.28	0.067
1.4	QPSK	6	0	17.15	0.052	17.26	0.053	17.25	0.053
1.4	16QAM	1	0	17.59	0.057	17.42	0.055	17.63	0.058
1.4	16QAM	1	3	17.66	0.058	17.35	0.054	17.28	0.053
1.4	16QAM	1	5	17.56	0.057	17.58	0.057	17.19	0.052
1.4	16QAM	3	0	17.38	0.055	17.25	0.053	17.19	0.052
1.4	16QAM	3	1	17.15	0.052	17.32	0.054	17.19	0.052
1.4	16QAM	3	3	17.18	0.052	17.17	0.052	17.38	0.055
1.4	16QAM	6	0	16.18	0.041	16.19	0.042	16.19	0.042



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	/	/	19.39	0.087	/	/
10	QPSK	1	25	/	/	19.34	0.086	/	/
10	QPSK	1	49	/	/	19.35	0.086	/	/
10	QPSK	25	0	/	/	18.08	0.064	/	/
10	QPSK	25	12	/	/	18.03	0.064	/	/
10	QPSK	25	25	/	/	18.01	0.063	/	/
10	QPSK	50	0	/	/	18.05	0.064	/	/
10	16QAM	1	0	/	/	18.00	0.063	/	/
10	16QAM	1	25	/	/	18.05	0.064	/	/
10	16QAM	1	49	/	/	18.02	0.063	/	/
10	16QAM	25	0	/	/	17.02	0.050	/	/
10	16QAM	25	12	/	/	16.93	0.049	/	/
10	16QAM	25	25	/	/	16.91	0.049	/	/
10	16QAM	50	0	/	/	16.91	0.049	/	/



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	19.16	0.082	19.29	0.085	19.12	0.082
5	QPSK	1	12	19.17	0.083	19.18	0.083	19.22	0.084
5	QPSK	1	24	19.16	0.082	19.12	0.082	19.11	0.081
5	QPSK	12	0	17.98	0.063	17.98	0.063	17.94	0.062
5	QPSK	12	7	18.15	0.065	17.99	0.063	18.11	0.065
5	QPSK	12	13	17.94	0.062	17.98	0.063	17.93	0.062
5	QPSK	25	0	18.02	0.063	17.97	0.063	18.09	0.064
5	16QAM	1	0	18.15	0.065	17.83	0.061	17.86	0.061
5	16QAM	1	12	18.04	0.064	17.73	0.059	17.77	0.060
5	16QAM	1	24	18.01	0.063	17.71	0.059	17.70	0.059
5	16QAM	12	0	16.80	0.048	16.97	0.050	17.02	0.050
5	16QAM	12	7	17.22	0.053	17.00	0.050	17.17	0.052
5	16QAM	12	13	16.98	0.050	16.89	0.049	16.97	0.050
5	16QAM	25	0	16.56	0.045	16.42	0.044	16.54	0.045



LTE Band 17				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23780		23790		23800	
Frequency (MHz)				709		710		711	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	18.40	0.069	18.43	0.070	18.42	0.070
10	QPSK	1	25	18.12	0.065	18.11	0.065	18.20	0.066
10	QPSK	1	49	18.09	0.064	18.11	0.065	18.28	0.067
10	QPSK	25	0	17.41	0.055	17.42	0.055	17.37	0.055
10	QPSK	25	12	17.29	0.054	17.29	0.054	17.32	0.054
10	QPSK	25	25	17.15	0.052	17.13	0.052	17.00	0.050
10	QPSK	50	0	17.21	0.053	17.22	0.053	17.20	0.052
10	16QAM	1	0	16.95	0.050	17.08	0.051	17.15	0.052
10	16QAM	1	25	17.31	0.054	17.35	0.054	17.01	0.050
10	16QAM	1	49	17.34	0.054	17.17	0.052	17.19	0.052
10	16QAM	25	0	16.01	0.040	16.11	0.041	16.15	0.041
10	16QAM	25	12	16.38	0.043	16.20	0.042	16.14	0.041
10	16QAM	25	25	16.14	0.041	16.11	0.041	16.20	0.042
10	16QAM	50	0	16.14	0.041	16.17	0.041	16.09	0.041



LTE Band 17				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23755		23790		23825	
Frequency (MHz)				706.5		710		713.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	18.22	0.066	18.30	0.068	18.23	0.067
5	QPSK	1	12	18.11	0.065	18.18	0.066	18.15	0.065
5	QPSK	1	24	18.19	0.066	18.14	0.065	17.96	0.063
5	QPSK	12	0	16.99	0.050	17.23	0.053	17.08	0.051
5	QPSK	12	7	17.10	0.051	17.22	0.053	16.99	0.050
5	QPSK	12	13	17.12	0.052	17.09	0.051	16.95	0.050
5	QPSK	25	0	17.09	0.051	17.22	0.053	16.97	0.050
5	16QAM	1	0	17.12	0.052	17.37	0.055	17.03	0.050
5	16QAM	1	12	17.22	0.053	17.44	0.055	17.25	0.053
5	16QAM	1	24	17.13	0.052	17.40	0.055	17.17	0.052
5	16QAM	12	0	15.89	0.039	16.14	0.041	16.00	0.040
5	16QAM	12	7	16.10	0.041	16.27	0.042	16.08	0.041
5	16QAM	12	13	16.03	0.040	16.18	0.041	15.78	0.038
5	16QAM	25	0	16.24	0.042	16.26	0.042	16.00	0.040



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	23.47	0.222	23.55	0.226	23.48	0.223
20	QPSK	1	49	23.36	0.217	23.43	0.220	23.40	0.219
20	QPSK	1	99	23.44	0.221	23.39	0.218	23.21	0.209
20	QPSK	50	0	22.24	0.167	22.48	0.177	22.33	0.171
20	QPSK	50	24	22.35	0.172	22.47	0.177	22.24	0.167
20	QPSK	50	50	22.37	0.173	22.34	0.171	22.20	0.166
20	QPSK	100	0	22.34	0.171	22.47	0.177	22.22	0.167
20	16QAM	1	0	22.37	0.173	22.62	0.183	22.28	0.169
20	16QAM	1	49	22.47	0.177	22.69	0.186	22.50	0.178
20	16QAM	1	99	22.38	0.173	22.65	0.184	22.42	0.175
20	16QAM	50	0	21.14	0.130	21.39	0.138	21.25	0.133
20	16QAM	50	24	21.35	0.136	21.52	0.142	21.33	0.136
20	16QAM	50	50	21.28	0.134	21.43	0.139	21.03	0.127
20	16QAM	100	0	21.49	0.141	21.51	0.226	21.25	0.133



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	22.43	0.175	22.37	0.173	22.52	0.179
15	QPSK	1	37	22.64	0.184	22.38	0.173	22.56	0.180
15	QPSK	1	74	22.45	0.176	22.26	0.168	22.69	0.186
15	QPSK	36	0	21.52	0.142	21.66	0.147	21.72	0.149
15	QPSK	36	20	21.56	0.143	21.59	0.144	21.60	0.145
15	QPSK	36	39	21.46	0.140	21.53	0.142	21.56	0.143
15	QPSK	75	0	21.54	0.143	21.62	0.145	21.68	0.147
15	16QAM	1	0	21.21	0.132	21.47	0.140	21.31	0.135
15	16QAM	1	37	21.53	0.142	21.56	0.143	21.48	0.141
15	16QAM	1	74	21.66	0.147	21.63	0.146	21.55	0.143
15	16QAM	36	0	20.67	0.117	20.86	0.122	20.81	0.121
15	16QAM	36	20	20.65	0.116	20.70	0.117	20.60	0.115
15	16QAM	36	39	20.57	0.114	20.70	0.117	20.77	0.119
15	16QAM	75	0	20.73	0.118	20.83	0.121	21.04	0.127



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	22.83	0.192	22.63	0.183	22.73	0.187
10	QPSK	1	25	22.73	0.187	22.58	0.181	22.63	0.183
10	QPSK	1	49	22.43	0.175	22.47	0.177	22.55	0.180
10	QPSK	25	0	21.38	0.137	21.45	0.140	21.42	0.139
10	QPSK	25	12	21.51	0.142	21.40	0.138	21.46	0.140
10	QPSK	25	25	21.29	0.135	21.38	0.137	21.57	0.144
10	QPSK	50	0	21.42	0.139	21.40	0.138	21.58	0.144
10	16QAM	1	0	21.73	0.149	21.43	0.139	21.35	0.136
10	16QAM	1	25	21.46	0.140	21.42	0.139	21.43	0.139
10	16QAM	1	49	21.43	0.139	21.83	0.152	21.43	0.139
10	16QAM	25	0	20.56	0.114	20.48	0.112	20.62	0.115
10	16QAM	25	12	20.77	0.119	20.58	0.114	20.61	0.115
10	16QAM	25	25	20.59	0.115	20.46	0.111	20.71	0.118
10	16QAM	50	0	20.49	0.112	20.57	0.114	20.65	0.116



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	22.47	0.177	22.63	0.183	22.72	0.187
5	QPSK	1	12	22.54	0.179	22.59	0.182	22.63	0.183
5	QPSK	1	24	22.50	0.178	22.66	0.185	22.59	0.182
5	QPSK	12	0	21.61	0.145	21.42	0.139	21.49	0.141
5	QPSK	12	7	21.57	0.144	21.55	0.143	21.70	0.148
5	QPSK	12	13	21.54	0.143	21.46	0.140	21.56	0.143
5	QPSK	25	0	21.50	0.141	21.48	0.141	21.55	0.143
5	16QAM	1	0	21.45	0.140	21.51	0.142	21.59	0.144
5	16QAM	1	12	21.64	0.146	21.21	0.132	21.48	0.141
5	16QAM	1	24	21.54	0.143	21.22	0.132	21.33	0.136
5	16QAM	12	0	20.83	0.121	20.64	0.116	20.79	0.120
5	16QAM	12	7	20.79	0.120	20.66	0.116	20.98	0.125
5	16QAM	12	13	20.82	0.121	20.52	0.113	20.87	0.122
5	16QAM	25	0	20.70	0.117	20.63	0.116	20.88	0.122



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	22.71	0.187	22.72	0.187	22.74	0.188
3	QPSK	1	8	22.62	0.183	22.73	0.187	22.82	0.191
3	QPSK	1	14	22.57	0.181	22.58	0.181	22.73	0.187
3	QPSK	8	0	21.65	0.146	21.63	0.146	21.64	0.146
3	QPSK	8	4	21.56	0.143	21.50	0.141	21.71	0.148
3	QPSK	8	7	21.57	0.144	21.45	0.140	21.68	0.147
3	QPSK	15	0	21.58	0.144	21.48	0.141	21.78	0.151
3	16QAM	1	0	21.55	0.143	21.68	0.147	21.71	0.148
3	16QAM	1	8	21.54	0.143	21.83	0.152	21.94	0.156
3	16QAM	1	14	21.56	0.143	21.51	0.142	22.00	0.158
3	16QAM	8	0	20.97	0.125	20.70	0.117	20.93	0.124
3	16QAM	8	4	20.79	0.120	20.64	0.116	20.93	0.124
3	16QAM	8	7	20.74	0.119	20.57	0.114	20.84	0.121
3	16QAM	15	0	20.60	0.115	20.55	0.114	20.77	0.119



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	22.63	0.183	22.34	0.171	22.47	0.177
1.4	QPSK	1	3	22.40	0.174	22.41	0.174	22.47	0.177
1.4	QPSK	1	5	22.47	0.177	22.33	0.171	22.42	0.175
1.4	QPSK	3	0	22.64	0.184	22.53	0.179	22.55	0.180
1.4	QPSK	3	1	22.54	0.179	22.56	0.180	22.60	0.182
1.4	QPSK	3	3	22.54	0.179	22.57	0.181	22.81	0.191
1.4	QPSK	6	0	21.91	0.155	21.92	0.156	21.95	0.157
1.4	16QAM	1	0	21.83	0.152	21.83	0.152	22.12	0.163
1.4	16QAM	1	3	21.73	0.149	21.67	0.147	21.72	0.149
1.4	16QAM	1	5	21.69	0.148	21.82	0.152	21.91	0.155
1.4	16QAM	3	0	21.99	0.158	21.58	0.144	21.70	0.148
1.4	16QAM	3	1	22.04	0.160	21.58	0.144	21.98	0.158
1.4	16QAM	3	3	21.93	0.156	21.90	0.155	21.77	0.150
1.4	16QAM	6	0	20.70	0.117	20.66	0.116	20.73	0.118



LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26865		26915		26965	
Frequency (MHz)				831.5		836.5		841.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	19.50	0.089	19.46	0.088	19.41	0.087
15	QPSK	1	37	19.40	0.087	19.37	0.086	19.35	0.086
15	QPSK	1	74	19.36	0.086	19.39	0.087	19.40	0.087
15	QPSK	36	0	18.43	0.070	18.37	0.069	18.42	0.070
15	QPSK	36	20	18.31	0.068	18.32	0.068	18.39	0.069
15	QPSK	36	39	18.38	0.069	18.33	0.068	18.31	0.068
15	QPSK	75	0	18.39	0.069	18.36	0.069	18.35	0.068
15	16QAM	1	0	17.88	0.061	17.91	0.062	17.97	0.063
15	16QAM	1	37	18.31	0.068	18.19	0.066	17.96	0.063
15	16QAM	1	74	18.09	0.064	18.06	0.064	17.92	0.062
15	16QAM	36	0	17.39	0.055	17.37	0.055	17.42	0.055
15	16QAM	36	20	17.53	0.057	17.47	0.056	17.40	0.055
15	16QAM	36	39	17.44	0.055	17.39	0.055	17.34	0.054
15	16QAM	75	0	17.33	0.054	17.34	0.054	17.36	0.054



LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26840		26915		26990	
Frequency (MHz)				829.0		836.5		844.0	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	19.31	0.085	19.33	0.086	19.40	0.087
10	QPSK	1	25	19.35	0.086	19.37	0.086	19.42	0.087
10	QPSK	1	49	19.39	0.087	19.37	0.086	19.46	0.088
10	QPSK	25	0	18.37	0.069	18.43	0.070	18.39	0.069
10	QPSK	25	12	18.44	0.070	18.39	0.069	18.42	0.070
10	QPSK	25	25	18.28	0.067	18.19	0.066	18.26	0.067
10	QPSK	50	0	18.35	0.068	18.31	0.068	18.39	0.069
10	16QAM	1	0	18.05	0.064	17.98	0.063	17.99	0.063
10	16QAM	1	25	17.92	0.062	17.99	0.063	17.96	0.063
10	16QAM	1	49	17.87	0.061	17.91	0.062	17.88	0.061
10	16QAM	25	0	17.57	0.057	17.58	0.057	17.62	0.058
10	16QAM	25	12	17.79	0.060	17.81	0.060	17.76	0.060
10	16QAM	25	25	17.42	0.055	17.39	0.055	17.45	0.056
10	16QAM	50	0	17.47	0.056	17.44	0.055	17.49	0.056



LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26815		26915		27015	
Frequency (MHz)				826.5		836.5		846.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	19.36	0.086	19.42	0.087	19.43	0.088
5	QPSK	1	12	19.27	0.085	19.35	0.086	19.29	0.085
5	QPSK	1	24	19.12	0.082	19.19	0.083	19.18	0.083
5	QPSK	12	0	18.39	0.069	18.38	0.069	18.34	0.068
5	QPSK	12	7	18.26	0.067	18.19	0.066	18.21	0.066
5	QPSK	12	13	18.27	0.067	18.22	0.066	18.19	0.066
5	QPSK	25	0	18.26	0.067	18.29	0.067	18.23	0.067
5	16QAM	1	0	18.17	0.066	18.20	0.066	18.15	0.065
5	16QAM	1	12	17.72	0.059	17.79	0.060	17.80	0.060
5	16QAM	1	24	17.82	0.061	17.75	0.060	17.78	0.060
5	16QAM	12	0	17.47	0.056	17.50	0.056	17.52	0.056
5	16QAM	12	7	17.40	0.055	17.44	0.055	17.41	0.055
5	16QAM	12	13	16.98	0.050	16.96	0.050	17.02	0.050
5	16QAM	25	0	17.39	0.055	17.43	0.055	17.37	0.055



LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26805		26915		27025	
Frequency (MHz)				825.5		836.5		847.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	19.18	0.083	19.16	0.082	19.21	0.083
3	QPSK	1	8	19.16	0.082	19.21	0.083	19.17	0.083
3	QPSK	1	14	19.21	0.083	19.23	0.084	19.16	0.082
3	QPSK	8	0	18.25	0.067	18.28	0.067	18.33	0.068
3	QPSK	8	4	18.25	0.067	18.27	0.067	18.29	0.067
3	QPSK	8	7	18.25	0.067	18.27	0.067	18.24	0.067
3	QPSK	15	0	18.24	0.067	18.29	0.067	18.27	0.067
3	16QAM	1	0	17.91	0.062	17.99	0.063	17.95	0.062
3	16QAM	1	8	17.86	0.061	17.89	0.062	17.93	0.062
3	16QAM	1	14	18.23	0.067	18.16	0.065	18.18	0.066
3	16QAM	8	0	17.27	0.053	17.31	0.054	17.33	0.054
3	16QAM	8	4	17.16	0.052	17.11	0.051	17.15	0.052
3	16QAM	8	7	17.27	0.053	17.28	0.053	17.31	0.054
3	16QAM	15	0	17.33	0.054	17.26	0.053	17.32	0.054



LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26797		26915		27033	
Frequency (MHz)				824.7		836.5		848.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	19.30	0.085	19.35	0.086	19.39	0.087
1.4	QPSK	1	3	19.38	0.087	19.39	0.087	19.44	0.088
1.4	QPSK	1	5	19.24	0.084	19.30	0.085	19.32	0.086
1.4	QPSK	3	0	19.26	0.084	19.28	0.085	19.32	0.086
1.4	QPSK	3	1	19.26	0.084	19.31	0.085	19.35	0.086
1.4	QPSK	3	3	19.39	0.087	19.36	0.086	19.47	0.089
1.4	QPSK	6	0	18.36	0.069	18.31	0.068	18.34	0.068
1.4	16QAM	1	0	17.91	0.062	17.98	0.063	17.96	0.063
1.4	16QAM	1	3	18.04	0.064	18.09	0.064	18.06	0.064
1.4	16QAM	1	5	18.02	0.063	18.09	0.064	18.05	0.064
1.4	16QAM	3	0	18.20	0.066	18.16	0.065	18.21	0.066
1.4	16QAM	3	1	18.27	0.067	18.32	0.068	18.34	0.068
1.4	16QAM	3	3	18.35	0.068	18.30	0.068	18.38	0.069
1.4	16QAM	6	0	17.39	0.055	17.34	0.054	17.40	0.055



LTE Band 38				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				37850		38000		38150	
Frequency (MHz)				2580		2595		2610	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	24.36	0.273	24.47	0.280	24.31	0.270
20	QPSK	1	49	24.28	0.268	24.31	0.270	24.29	0.269
20	QPSK	1	99	24.27	0.267	24.23	0.265	24.35	0.272
20	QPSK	50	0	23.35	0.216	23.41	0.219	23.31	0.214
20	QPSK	50	24	23.11	0.205	23.14	0.206	23.16	0.207
20	QPSK	50	50	23.02	0.200	23.01	0.200	23.09	0.204
20	QPSK	100	0	23.05	0.202	23.01	0.200	23.12	0.205
20	16QAM	1	0	22.43	0.175	22.44	0.175	22.41	0.174
20	16QAM	1	49	22.44	0.175	22.30	0.170	22.32	0.171
20	16QAM	1	99	22.35	0.172	22.41	0.174	22.44	0.175
20	16QAM	50	0	21.97	0.157	22.13	0.163	22.00	0.158
20	16QAM	50	24	22.01	0.159	22.20	0.166	22.23	0.167
20	16QAM	50	50	21.95	0.157	22.08	0.161	22.20	0.166
20	16QAM	100	0	22.01	0.159	22.00	0.158	22.04	0.160



LTE Band 38				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				37825		38000		38175	
Frequency (MHz)				2577.5		2595		2612.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	24.12	0.258	23.82	0.241	23.87	0.244
15	QPSK	1	37	24.26	0.267	24.25	0.266	24.28	0.268
15	QPSK	1	74	23.88	0.244	23.81	0.240	24.13	0.259
15	QPSK	36	0	23.07	0.203	23.08	0.203	23.13	0.206
15	QPSK	36	20	23.10	0.204	23.24	0.211	23.26	0.212
15	QPSK	36	39	23.01	0.200	22.99	0.199	23.08	0.203
15	QPSK	75	0	23.04	0.201	23.10	0.204	23.12	0.205
15	16QAM	1	0	22.16	0.164	22.27	0.169	22.25	0.168
15	16QAM	1	37	22.15	0.164	22.31	0.170	22.23	0.167
15	16QAM	1	74	22.43	0.175	22.65	0.184	22.43	0.175
15	16QAM	36	0	21.96	0.157	22.10	0.162	22.08	0.161
15	16QAM	36	20	22.11	0.163	22.08	0.161	22.22	0.167
15	16QAM	36	39	22.06	0.161	21.96	0.157	22.19	0.166
15	16QAM	75	0	22.10	0.162	22.08	0.161	22.12	0.163



LTE Band 38				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				37800		38000		38200	
Frequency (MHz)				2575		2595		2615	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	24.22	0.264	24.31	0.270	24.22	0.264
10	QPSK	1	25	24.05	0.254	24.15	0.260	24.04	0.254
10	QPSK	1	49	24.11	0.258	24.13	0.259	24.17	0.261
10	QPSK	25	0	23.13	0.206	23.11	0.205	23.22	0.210
10	QPSK	25	12	23.09	0.204	23.23	0.210	23.27	0.212
10	QPSK	25	25	22.97	0.198	23.03	0.201	23.19	0.208
10	QPSK	50	0	23.10	0.204	23.07	0.203	23.21	0.209
10	16QAM	1	0	22.41	0.174	22.35	0.172	22.41	0.174
10	16QAM	1	25	22.44	0.175	22.32	0.171	22.31	0.170
10	16QAM	1	49	22.31	0.170	22.33	0.171	22.23	0.167
10	16QAM	25	0	22.05	0.160	22.34	0.171	22.02	0.159
10	16QAM	25	12	22.26	0.168	22.04	0.160	22.21	0.166
10	16QAM	25	25	22.24	0.167	22.04	0.160	22.10	0.162
10	16QAM	50	0	21.97	0.157	22.08	0.161	22.01	0.159



LTE Band 38				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				37775		38000		38225	
Frequency (MHz)				2572.5		2595		2617.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	24.11	0.258	24.33	0.271	24.23	0.265
5	QPSK	1	12	24.16	0.261	24.27	0.267	24.18	0.262
5	QPSK	1	24	24.13	0.259	24.16	0.261	24.14	0.259
5	QPSK	12	0	23.10	0.204	23.11	0.205	23.20	0.209
5	QPSK	12	7	23.18	0.208	23.24	0.211	23.26	0.212
5	QPSK	12	13	23.04	0.201	23.14	0.206	23.18	0.208
5	QPSK	25	0	23.10	0.204	23.06	0.202	23.20	0.209
5	16QAM	1	0	22.41	0.174	22.44	0.175	22.31	0.170
5	16QAM	1	12	22.31	0.170	22.30	0.170	22.41	0.174
5	16QAM	1	24	22.33	0.171	22.32	0.171	22.51	0.178
5	16QAM	12	0	22.26	0.168	22.02	0.159	22.31	0.170
5	16QAM	12	7	22.26	0.168	22.45	0.176	22.18	0.165
5	16QAM	12	13	22.24	0.167	22.26	0.168	22.11	0.163
5	16QAM	25	0	22.07	0.161	22.06	0.161	22.20	0.166



LTE Band 40, Block A				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				/		38750		/	
Frequency (MHz)				/		2310		/	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	/	/	23.98	0.250	/	/
10	QPSK	1	25	/	/	23.81	0.240	/	/
10	QPSK	1	49	/	/	23.57	0.228	/	/
10	QPSK	25	0	/	/	23.32	0.215	/	/
10	QPSK	25	12	/	/	22.81	0.191	/	/
10	QPSK	25	25	/	/	22.79	0.190	/	/
10	QPSK	50	0	/	/	22.79	0.190	/	/
10	16QAM	1	0	/	/	22.77	0.189	/	/
10	16QAM	1	25	/	/	22.65	0.184	/	/
10	16QAM	1	49	/	/	22.76	0.189	/	/
10	16QAM	25	0	/	/	21.99	0.158	/	/
10	16QAM	25	12	/	/	22.06	0.161	/	/
10	16QAM	25	25	/	/	22.00	0.158	/	/
10	16QAM	50	0	/	/	21.79	0.151	/	/



LTE Band 40, Block A				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				38725		38750		38775	
Frequency (MHz)				2307.5		2310		2312.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	23.92	0.247	23.94	0.248	23.82	0.241
5	QPSK	1	12	23.91	0.246	23.80	0.240	23.83	0.242
5	QPSK	1	24	23.80	0.240	23.86	0.243	23.76	0.238
5	QPSK	12	0	22.81	0.191	22.78	0.190	22.83	0.192
5	QPSK	12	7	22.84	0.192	22.88	0.194	22.87	0.194
5	QPSK	12	13	22.79	0.190	22.80	0.191	22.83	0.192
5	QPSK	25	0	22.72	0.187	22.80	0.191	22.85	0.193
5	16QAM	1	0	22.81	0.191	22.92	0.196	23.01	0.200
5	16QAM	1	12	22.82	0.191	22.74	0.188	22.91	0.195
5	16QAM	1	24	22.86	0.193	22.82	0.191	22.92	0.196
5	16QAM	12	0	21.72	0.149	21.91	0.155	21.87	0.154
5	16QAM	12	7	21.75	0.150	21.91	0.155	21.91	0.155
5	16QAM	12	13	21.88	0.154	21.83	0.152	21.86	0.153
5	16QAM	25	0	22.05	0.160	22.03	0.160	22.04	0.160



LTE Band 40, Block B				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				/		39200		/	
Frequency (MHz)				/		2355		/	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	/	/	23.96	0.249	/	/
10	QPSK	1	25	/	/	23.89	0.245	/	/
10	QPSK	1	49	/	/	23.79	0.239	/	/
10	QPSK	25	0	/	/	23.26	0.212	/	/
10	QPSK	25	12	/	/	23.22	0.210	/	/
10	QPSK	25	25	/	/	22.98	0.199	/	/
10	QPSK	50	0	/	/	23.00	0.200	/	/
10	16QAM	1	0	/	/	22.37	0.173	/	/
10	16QAM	1	25	/	/	22.38	0.173	/	/
10	16QAM	1	49	/	/	22.59	0.182	/	/
10	16QAM	25	0	/	/	22.50	0.178	/	/
10	16QAM	25	12	/	/	22.45	0.176	/	/
10	16QAM	25	25	/	/	22.38	0.173	/	/
10	16QAM	50	0	/	/	21.66	0.147	/	/



LTE Band 40, Block B				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39175		39200		39225	
Frequency (MHz)				2352.5		2355		2357.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	23.80	0.240	23.92	0.247	23.84	0.242
5	QPSK	1	12	23.85	0.243	23.83	0.242	23.80	0.240
5	QPSK	1	24	23.91	0.246	23.72	0.236	23.89	0.245
5	QPSK	12	0	22.72	0.187	22.76	0.189	22.91	0.195
5	QPSK	12	7	22.73	0.187	22.75	0.188	22.92	0.196
5	QPSK	12	13	22.86	0.193	22.82	0.191	22.82	0.191
5	QPSK	25	0	22.71	0.187	22.90	0.195	22.91	0.195
5	16QAM	1	0	22.77	0.189	22.84	0.192	22.85	0.193
5	16QAM	1	12	22.91	0.195	22.75	0.188	22.92	0.196
5	16QAM	1	24	22.74	0.188	22.84	0.192	22.82	0.191
5	16QAM	12	0	21.74	0.149	21.75	0.150	22.00	0.158
5	16QAM	12	7	21.78	0.151	21.80	0.151	21.80	0.151
5	16QAM	12	13	21.76	0.150	21.84	0.153	21.83	0.152
5	16QAM	25	0	21.89	0.155	21.55	0.143	21.74	0.149



LTE Band 41				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39750		40620		41490	
Frequency (MHz)				2506		2593		2680	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	25.82	0.382	25.89	0.388	25.78	0.378
20	QPSK	1	49	25.68	0.370	25.87	0.386	25.78	0.378
20	QPSK	1	99	25.63	0.366	25.79	0.379	25.72	0.373
20	QPSK	50	0	24.79	0.301	24.92	0.310	24.82	0.303
20	QPSK	50	24	24.68	0.294	24.88	0.308	24.79	0.301
20	QPSK	50	50	24.63	0.290	24.89	0.308	24.58	0.287
20	QPSK	100	0	24.69	0.294	24.91	0.310	24.75	0.299
20	16QAM	1	0	24.22	0.264	24.40	0.275	24.46	0.279
20	16QAM	1	49	24.64	0.291	24.69	0.294	24.58	0.287
20	16QAM	1	99	24.20	0.263	24.33	0.271	24.37	0.274
20	16QAM	50	0	23.92	0.247	24.09	0.256	24.00	0.251
20	16QAM	50	24	23.91	0.246	23.85	0.243	24.09	0.256
20	16QAM	50	50	24.09	0.256	23.91	0.246	24.13	0.259
20	16QAM	100	0	24.00	0.251	23.81	0.240	24.09	0.256



LTE Band 41				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39725		40620		41515	
Frequency (MHz)				2503.5		2593		2682.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	25.37	0.344	25.75	0.376	25.64	0.366
15	QPSK	1	37	25.76	0.377	25.73	0.374	25.78	0.378
15	QPSK	1	74	25.40	0.347	25.54	0.358	25.39	0.346
15	QPSK	36	0	24.75	0.299	24.88	0.308	24.78	0.301
15	QPSK	36	20	24.78	0.301	24.89	0.308	24.77	0.300
15	QPSK	36	39	24.66	0.292	24.87	0.307	24.50	0.282
15	QPSK	75	0	24.67	0.293	24.89	0.308	24.62	0.290
15	16QAM	1	0	24.33	0.271	24.60	0.288	24.32	0.270
15	16QAM	1	37	24.48	0.281	24.58	0.287	24.51	0.282
15	16QAM	1	74	24.28	0.268	24.51	0.282	24.25	0.266
15	16QAM	36	0	24.02	0.252	24.14	0.259	24.10	0.257
15	16QAM	36	20	24.10	0.257	24.13	0.259	24.19	0.262
15	16QAM	36	39	24.20	0.263	24.20	0.263	24.09	0.256
15	16QAM	75	0	23.96	0.249	23.87	0.244	23.95	0.248



LTE Band 41				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39700		40620		41540	
Frequency (MHz)				2501		2593		2685	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	25.44	0.350	25.63	0.366	25.48	0.353
10	QPSK	1	25	25.72	0.373	25.73	0.374	25.65	0.367
10	QPSK	1	49	25.47	0.352	25.55	0.359	25.37	0.344
10	QPSK	25	0	24.76	0.299	24.90	0.309	24.71	0.296
10	QPSK	25	12	24.88	0.308	24.96	0.313	24.71	0.296
10	QPSK	25	25	24.76	0.299	24.89	0.308	24.56	0.286
10	QPSK	50	0	24.71	0.296	24.94	0.312	24.65	0.292
10	16QAM	1	0	24.24	0.265	24.19	0.262	24.24	0.265
10	16QAM	1	25	24.13	0.259	24.09	0.256	24.13	0.259
10	16QAM	1	49	24.04	0.254	24.13	0.259	24.34	0.272
10	16QAM	25	0	24.07	0.255	24.00	0.251	23.88	0.244
10	16QAM	25	12	23.99	0.251	24.08	0.256	23.90	0.245
10	16QAM	25	25	24.08	0.256	23.99	0.251	23.85	0.243
10	16QAM	50	0	23.70	0.234	23.93	0.247	23.61	0.230



LTE Band 41				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39675		40620		41565	
Frequency (MHz)				2498.5		2593		2687.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	25.45	0.351	25.62	0.365	25.47	0.352
5	QPSK	1	12	25.60	0.363	25.67	0.369	25.48	0.353
5	QPSK	1	24	25.63	0.366	25.64	0.366	25.30	0.339
5	QPSK	12	0	24.81	0.303	25.05	0.320	24.71	0.296
5	QPSK	12	7	24.82	0.303	24.86	0.306	24.73	0.297
5	QPSK	12	13	24.82	0.303	24.97	0.314	24.68	0.294
5	QPSK	25	0	24.81	0.303	24.89	0.308	24.62	0.290
5	16QAM	1	0	24.33	0.271	24.36	0.273	24.26	0.267
5	16QAM	1	12	24.43	0.277	24.57	0.286	24.20	0.263
5	16QAM	1	24	24.47	0.280	24.39	0.275	24.17	0.261
5	16QAM	12	0	23.81	0.240	23.78	0.239	23.76	0.238
5	16QAM	12	7	23.94	0.248	23.75	0.237	23.79	0.239
5	16QAM	12	13	23.82	0.241	23.71	0.235	23.59	0.229
5	16QAM	25	0	23.94	0.248	23.76	0.238	23.80	0.240



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				132072		132322		132572	
Frequency (MHz)				1720		1745		1770	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	24.58	0.287	24.62	0.290	24.52	0.283
20	QPSK	1	49	24.33	0.271	24.36	0.273	24.42	0.277
20	QPSK	1	99	24.38	0.274	24.46	0.279	24.38	0.274
20	QPSK	50	0	23.48	0.223	23.52	0.225	23.49	0.223
20	QPSK	50	24	23.20	0.209	23.39	0.218	23.41	0.219
20	QPSK	50	50	23.10	0.204	23.33	0.215	23.36	0.217
20	QPSK	100	0	23.19	0.208	23.28	0.213	23.33	0.215
20	16QAM	1	0	23.32	0.215	23.32	0.215	23.46	0.222
20	16QAM	1	49	23.46	0.222	22.98	0.199	23.35	0.216
20	16QAM	1	99	23.38	0.218	23.42	0.220	23.42	0.220
20	16QAM	50	0	22.44	0.175	22.47	0.177	22.23	0.167
20	16QAM	50	24	22.43	0.175	22.51	0.178	22.38	0.173
20	16QAM	50	50	22.56	0.180	22.45	0.176	22.37	0.173
20	16QAM	100	0	22.14	0.164	22.38	0.173	22.34	0.171



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	24.08	0.256	24.28	0.268	24.39	0.275
15	QPSK	1	37	24.13	0.259	24.33	0.271	24.42	0.277
15	QPSK	1	74	23.96	0.249	24.21	0.264	24.32	0.270
15	QPSK	36	0	23.26	0.212	23.51	0.224	23.47	0.222
15	QPSK	36	20	23.17	0.207	23.44	0.221	23.37	0.217
15	QPSK	36	39	23.22	0.210	23.49	0.223	23.38	0.218
15	QPSK	75	0	23.25	0.211	23.36	0.217	23.46	0.222
15	16QAM	1	0	23.42	0.220	23.06	0.202	23.21	0.209
15	16QAM	1	37	23.25	0.211	23.11	0.205	23.29	0.213
15	16QAM	1	74	23.15	0.207	23.08	0.203	23.08	0.203
15	16QAM	36	0	22.19	0.166	22.37	0.173	22.17	0.165
15	16QAM	36	20	22.19	0.166	22.43	0.175	22.28	0.169
15	16QAM	36	39	22.14	0.164	22.52	0.179	22.26	0.168
15	16QAM	75	0	22.23	0.167	22.40	0.174	22.43	0.175



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	24.31	0.270	24.58	0.287	24.31	0.270
10	QPSK	1	25	24.32	0.270	24.60	0.288	24.25	0.266
10	QPSK	1	49	24.29	0.269	24.47	0.280	24.34	0.272
10	QPSK	25	0	23.32	0.215	23.64	0.231	23.62	0.230
10	QPSK	25	12	23.36	0.217	23.60	0.229	23.51	0.224
10	QPSK	25	25	23.45	0.221	23.56	0.227	23.48	0.223
10	QPSK	50	0	23.21	0.209	23.52	0.225	23.47	0.222
10	16QAM	1	0	23.36	0.217	23.10	0.204	23.18	0.208
10	16QAM	1	25	23.44	0.221	23.15	0.207	23.25	0.211
10	16QAM	1	49	22.98	0.199	23.07	0.203	23.00	0.200
10	16QAM	25	0	22.30	0.170	22.32	0.171	22.20	0.166
10	16QAM	25	12	22.29	0.169	22.61	0.182	22.51	0.178
10	16QAM	25	25	22.45	0.176	22.55	0.180	22.60	0.182
10	16QAM	50	0	22.49	0.177	22.51	0.178	22.37	0.173



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	24.32	0.270	24.45	0.279	24.34	0.272
5	QPSK	1	12	24.28	0.268	24.35	0.272	24.42	0.277
5	QPSK	1	24	24.35	0.272	24.36	0.273	24.31	0.270
5	QPSK	12	0	23.29	0.213	23.34	0.216	23.29	0.213
5	QPSK	12	7	23.21	0.209	23.44	0.221	23.36	0.217
5	QPSK	12	13	23.10	0.204	23.37	0.217	23.30	0.214
5	QPSK	25	0	23.17	0.207	23.32	0.215	23.29	0.213
5	16QAM	1	0	22.48	0.177	22.93	0.196	22.78	0.190
5	16QAM	1	12	22.62	0.183	22.85	0.193	22.64	0.184
5	16QAM	1	24	22.95	0.197	22.94	0.197	22.85	0.193
5	16QAM	12	0	22.32	0.171	22.32	0.171	22.19	0.166
5	16QAM	12	7	22.07	0.161	22.37	0.173	22.39	0.173
5	16QAM	12	13	22.19	0.166	22.27	0.169	22.44	0.175
5	16QAM	25	0	22.10	0.162	22.34	0.171	22.25	0.168



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	24.43	0.277	24.48	0.281	24.54	0.284
3	QPSK	1	8	24.05	0.254	24.20	0.263	24.13	0.259
3	QPSK	1	14	24.17	0.261	24.30	0.269	24.36	0.273
3	QPSK	8	0	23.15	0.207	23.40	0.219	23.33	0.215
3	QPSK	8	4	23.16	0.207	23.40	0.219	23.32	0.215
3	QPSK	8	7	23.10	0.204	23.49	0.223	23.36	0.217
3	QPSK	15	0	23.10	0.204	23.42	0.220	23.30	0.214
3	16QAM	1	0	22.98	0.199	23.02	0.200	22.90	0.195
3	16QAM	1	8	23.09	0.204	22.98	0.199	22.85	0.193
3	16QAM	1	14	23.07	0.203	23.14	0.206	23.32	0.215
3	16QAM	8	0	22.17	0.165	22.37	0.173	22.30	0.170
3	16QAM	8	4	22.26	0.168	22.46	0.176	22.28	0.169
3	16QAM	8	7	22.17	0.165	22.52	0.179	22.45	0.176
3	16QAM	15	0	21.97	0.157	22.46	0.176	22.22	0.167



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	24.36	0.273	24.37	0.274	24.47	0.280
1.4	QPSK	1	3	24.20	0.263	24.45	0.279	24.21	0.264
1.4	QPSK	1	5	24.02	0.252	24.34	0.272	23.99	0.251
1.4	QPSK	3	0	24.18	0.262	24.32	0.270	24.30	0.269
1.4	QPSK	3	1	24.15	0.260	24.47	0.280	24.43	0.277
1.4	QPSK	3	3	24.24	0.265	24.37	0.274	24.23	0.265
1.4	QPSK	6	0	23.18	0.208	23.30	0.214	23.24	0.211
1.4	16QAM	1	0	23.21	0.209	23.15	0.207	23.44	0.221
1.4	16QAM	1	3	23.17	0.207	23.49	0.223	23.47	0.222
1.4	16QAM	1	5	23.04	0.201	23.18	0.208	23.07	0.203
1.4	16QAM	3	0	23.12	0.205	23.24	0.211	23.16	0.207
1.4	16QAM	3	1	23.05	0.202	22.91	0.195	23.22	0.210
1.4	16QAM	3	3	23.00	0.200	23.29	0.213	23.15	0.207
1.4	16QAM	6	0	22.00	0.158	22.12	0.163	22.40	0.174



LTE Band 71				Measured E.I.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	19.77	0.095	19.78	0.095	19.73	0.094
20	QPSK	1	49	19.66	0.092	19.60	0.091	19.45	0.088
20	QPSK	1	99	19.51	0.089	19.51	0.089	19.41	0.087
20	QPSK	50	0	18.73	0.075	18.79	0.076	18.71	0.074
20	QPSK	50	24	18.47	0.070	18.51	0.071	18.49	0.071
20	QPSK	50	50	18.53	0.071	18.44	0.070	18.41	0.069
20	QPSK	100	0	18.40	0.069	18.42	0.070	18.40	0.069
20	16QAM	1	0	18.40	0.069	18.42	0.070	18.41	0.069
20	16QAM	1	49	18.51	0.071	18.51	0.071	18.40	0.069
20	16QAM	1	99	18.49	0.071	18.50	0.071	18.40	0.069
20	16QAM	50	0	17.49	0.056	17.54	0.057	17.45	0.056
20	16QAM	50	24	17.56	0.057	17.62	0.058	17.58	0.057
20	16QAM	50	50	17.46	0.056	17.49	0.056	17.41	0.055
20	16QAM	100	0	17.47	0.056	17.41	0.055	17.37	0.055



LTE Band 71				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				133197		133297		133397	
Frequency (MHz)				670.8		680.5		690.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	19.63	0.092	19.71	0.094	19.62	0.092
15	QPSK	1	37	19.67	0.093	19.47	0.089	19.76	0.095
15	QPSK	1	74	19.54	0.090	19.67	0.093	19.64	0.092
15	QPSK	36	0	18.42	0.070	18.51	0.071	18.49	0.071
15	QPSK	36	20	18.47	0.070	18.57	0.072	18.52	0.071
15	QPSK	36	39	18.71	0.074	18.64	0.073	18.58	0.072
15	QPSK	75	0	18.49	0.071	18.50	0.071	18.48	0.070
15	16QAM	1	0	18.38	0.069	18.13	0.065	18.06	0.064
15	16QAM	1	37	18.54	0.071	18.09	0.064	18.40	0.069
15	16QAM	1	74	18.47	0.070	18.25	0.067	18.34	0.068
15	16QAM	36	0	17.38	0.055	17.40	0.055	17.37	0.055
15	16QAM	36	20	17.53	0.057	17.55	0.057	17.52	0.056
15	16QAM	36	39	17.39	0.055	17.69	0.059	17.62	0.058
15	16QAM	75	0	17.48	0.056	17.62	0.058	17.59	0.057



LTE Band 71				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				133172		133272		133422	
Frequency (MHz)				668		678		693	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	19.49	0.089	19.59	0.091	19.51	0.089
10	QPSK	1	25	19.47	0.089	19.41	0.087	19.49	0.089
10	QPSK	1	49	19.41	0.087	19.50	0.089	19.44	0.088
10	QPSK	25	0	18.39	0.069	18.52	0.071	18.48	0.070
10	QPSK	25	12	18.35	0.068	18.40	0.069	18.43	0.070
10	QPSK	25	25	18.35	0.068	18.41	0.069	18.37	0.069
10	QPSK	50	0	18.34	0.068	18.46	0.070	18.44	0.070
10	16QAM	1	0	18.45	0.070	18.24	0.067	18.25	0.067
10	16QAM	1	25	18.52	0.071	18.26	0.067	18.49	0.071
10	16QAM	1	49	18.31	0.068	18.04	0.064	18.10	0.065
10	16QAM	25	0	17.81	0.060	17.48	0.056	17.54	0.057
10	16QAM	25	12	17.87	0.061	17.48	0.056	17.52	0.056
10	16QAM	25	25	17.80	0.060	17.38	0.055	17.51	0.056
10	16QAM	50	0	17.42	0.055	17.70	0.059	17.52	0.056



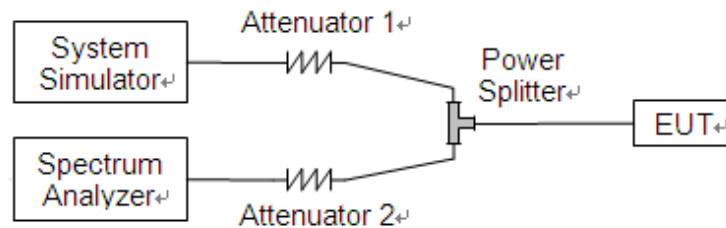
LTE Band 71				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				133147		133247		133447	
Frequency (MHz)				665.5		675.5		695.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	19.36	0.086	19.57	0.091	19.47	0.089
5	QPSK	1	12	19.41	0.087	19.47	0.089	19.36	0.086
5	QPSK	1	24	19.29	0.085	19.4	0.087	19.4	0.087
5	QPSK	12	0	18.41	0.069	18.43	0.070	18.42	0.070
5	QPSK	12	7	18.41	0.069	18.46	0.070	18.44	0.070
5	QPSK	12	13	18.33	0.068	18.46	0.070	18.33	0.068
5	QPSK	25	0	18.41	0.069	18.35	0.068	18.41	0.069
5	16QAM	1	0	18.15	0.065	18.01	0.063	18.2	0.066
5	16QAM	1	12	17.87	0.061	18.02	0.063	18.02	0.063
5	16QAM	1	24	17.84	0.061	17.90	0.062	17.81	0.060
5	16QAM	12	0	17.49	0.056	17.39	0.055	17.35	0.054
5	16QAM	12	7	17.47	0.056	17.31	0.054	17.29	0.054
5	16QAM	12	13	17.41	0.055	17.32	0.054	17.31	0.054
5	16QAM	25	0	17.42	0.055	17.35	0.054	17.31	0.054

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	1.30
	Mid	QPSK	1.10	1.29
	Mid	16QAM	1.10	1.30
	High	QPSK	1.10	1.30
	High	16QAM	1.10	1.28
3	Low	QPSK	2.70	2.96
	Low	16QAM	2.70	3.00
	Mid	QPSK	2.70	2.99
	Mid	16QAM	2.70	3.00
	High	QPSK	2.70	2.98
	High	16QAM	2.70	2.99
5	Low	QPSK	4.50	5.00
	Low	16QAM	4.50	5.01
	Mid	QPSK	4.50	5.03
	Mid	16QAM	4.50	5.00
	High	QPSK	4.50	5.00
	High	16QAM	4.51	5.00
10	Low	QPSK	9.00	9.86
	Low	16QAM	8.93	9.76
	Mid	QPSK	8.97	9.81
	Mid	16QAM	8.95	9.80
	High	QPSK	8.98	9.87
	High	16QAM	8.94	9.80
15	Low	QPSK	13.38	14.55
	Low	16QAM	13.41	14.60
	Mid	QPSK	13.45	14.70
	Mid	16QAM	13.42	14.65
	High	QPSK	13.47	14.68
	High	16QAM	13.44	14.67
20	Low	QPSK	17.85	19.30
	Low	16QAM	17.87	19.40
	Mid	QPSK	17.89	19.43
	Mid	16QAM	17.92	19.43
	High	QPSK	17.91	19.36
	High	16QAM	17.91	19.40



LTE Band 4				
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
	Mid	QPSK	1.10	1.29
	Mid	16QAM	1.10	1.30
	High	QPSK	1.10	1.29
	High	16QAM	1.10	1.29
3	Low	QPSK	2.70	2.99
	Low	16QAM	2.70	3.00
	Mid	QPSK	2.70	2.98
	Mid	16QAM	2.70	3.00
	High	QPSK	2.70	3.00
	High	16QAM	2.70	2.99
5	Low	QPSK	4.50	5.03
	Low	16QAM	4.51	5.03
	Mid	QPSK	4.51	5.05
	Mid	16QAM	4.51	5.03
	High	QPSK	4.50	5.04
	High	16QAM	4.51	5.00
10	Low	QPSK	8.97	9.87
	Low	16QAM	8.94	9.73
	Mid	QPSK	9.00	9.89
	Mid	16QAM	8.95	9.78
	High	QPSK	9.00	9.88
	High	16QAM	8.94	9.82
15	Low	QPSK	13.45	14.63
	Low	16QAM	13.44	14.68
	Mid	QPSK	13.42	14.65
	Mid	16QAM	13.44	14.67
	High	QPSK	13.42	14.62
	High	16QAM	13.43	14.72
20	Low	QPSK	17.89	19.38
	Low	16QAM	17.89	19.45
	Mid	QPSK	17.89	19.37
	Mid	16QAM	17.92	19.40
	High	QPSK	17.87	19.44
	High	16QAM	17.90	19.44



LTE Band 5				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.10	1.30
	Low	16QAM	1.10	1.29
	Mid	QPSK	1.10	1.28
	Mid	16QAM	1.10	1.29
	High	QPSK	1.10	1.28
	High	16QAM	1.10	1.31
3	Low	QPSK	2.70	2.96
	Low	16QAM	2.70	3.00
	Mid	QPSK	2.70	2.96
	Mid	16QAM	2.70	2.99
	High	QPSK	2.70	2.99
	High	16QAM	2.71	2.99
5	Low	QPSK	4.50	5.05
	Low	16QAM	4.50	5.00
	Mid	QPSK	4.50	5.01
	Mid	16QAM	4.50	4.99
	High	QPSK	4.50	5.03
	High	16QAM	4.50	5.01
10	Low	QPSK	9.01	9.90
	Low	16QAM	8.95	9.82
	Mid	QPSK	8.99	9.86
	Mid	16QAM	8.95	9.84
	High	QPSK	8.98	9.75
	High	16QAM	8.95	9.86



LTE Band 7				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.51	4.99
	Low	16QAM	4.51	5.05
	Mid	QPSK	4.51	5.02
	Mid	16QAM	4.51	5.03
	High	QPSK	4.50	5.01
	High	16QAM	4.50	5.04
10	Low	QPSK	8.98	9.89
	Low	16QAM	8.96	9.79
	Mid	QPSK	8.97	9.90
	Mid	16QAM	8.94	9.83
	High	QPSK	8.98	9.91
	High	16QAM	8.94	9.88
15	Low	QPSK	13.46	14.62
	Low	16QAM	13.44	14.65
	Mid	QPSK	13.46	14.73
	Mid	16QAM	13.44	14.74
	High	QPSK	13.41	14.69
	High	16QAM	13.42	14.67
20	Low	QPSK	17.90	19.48
	Low	16QAM	17.91	19.5
	Mid	QPSK	17.93	19.45
	Mid	16QAM	17.95	19.53
	High	QPSK	17.90	19.43
	High	16QAM	17.91	19.39



LTE Band 12				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.10	1.27
	Low	16QAM	1.10	1.31
	Mid	QPSK	1.10	1.29
	Mid	16QAM	1.10	1.31
	High	QPSK	1.10	1.30
	High	16QAM	1.10	1.31
3	Low	QPSK	2.70	3.00
	Low	16QAM	2.70	3.00
	Mid	QPSK	2.70	2.98
	Mid	16QAM	2.70	3.00
	High	QPSK	2.70	3.01
	High	16QAM	2.70	2.99
5	Low	QPSK	4.50	5.01
	Low	16QAM	4.50	5.03
	Mid	QPSK	4.51	5.01
	Mid	16QAM	4.50	5.01
	High	QPSK	4.50	5.05
	High	16QAM	4.50	5.02
10	Low	QPSK	9.00	9.93
	Low	16QAM	8.96	9.73
	Mid	QPSK	9.00	9.85
	Mid	16QAM	8.95	9.81
	High	QPSK	9.00	9.79
	High	16QAM	8.93	9.81



LTE Band 13				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.49	4.93
	Low	16QAM	4.50	5.00
	Mid	QPSK	4.50	5.02
	Mid	16QAM	4.50	5.01
	High	QPSK	4.51	5.09
	High	16QAM	4.51	5.03
10	Low	QPSK	8.95	9.94
	Low	16QAM	8.93	9.79
	Mid	QPSK	8.97	9.87
	Mid	16QAM	8.93	9.81
	High	QPSK	8.96	9.94
	High	16QAM	8.94	9.79

LTE Band 17				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.50	4.98
	Low	16QAM	4.51	5.02
	Mid	QPSK	4.49	5.02
	Mid	16QAM	4.50	5.02
	High	QPSK	4.51	5.02
	High	16QAM	4.50	5.01
10	Low	QPSK	8.94	9.84
	Low	16QAM	8.93	9.76
	Mid	QPSK	8.98	9.81
	Mid	16QAM	8.94	9.84
	High	QPSK	8.96	9.89
	High	16QAM	8.94	9.74



LTE Band 25				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.09	1.28
	Low	16QAM	1.10	1.31
	Mid	QPSK	1.10	1.30
	Mid	16QAM	1.10	1.30
	High	QPSK	1.10	1.30
	High	16QAM	1.10	1.30
3	Low	QPSK	2.70	2.98
	Low	16QAM	2.70	3.00
	Mid	QPSK	2.70	2.98
	Mid	16QAM	2.70	2.99
	High	QPSK	2.70	3.00
	High	16QAM	2.70	2.99
5	Low	QPSK	4.50	5.02
	Low	16QAM	4.51	5.00
	Mid	QPSK	4.50	5.02
	Mid	16QAM	4.51	5.00
	High	QPSK	4.51	5.04
	High	16QAM	4.50	4.99
10	Low	QPSK	8.98	9.83
	Low	16QAM	8.93	9.83
	Mid	QPSK	9.00	9.91
	Mid	16QAM	8.94	9.81
	High	QPSK	8.94	9.76
	High	16QAM	8.92	9.74
15	Low	QPSK	13.43	14.60
	Low	16QAM	13.40	14.70
	Mid	QPSK	13.42	14.64
	Mid	16QAM	13.45	14.63
	High	QPSK	13.39	14.60
	High	16QAM	13.39	14.66
20	Low	QPSK	17.85	19.45
	Low	16QAM	17.88	19.38
	Mid	QPSK	17.91	19.38
	Mid	16QAM	17.92	19.50
	High	QPSK	17.83	19.40
	High	16QAM	17.86	19.37



LTE Band 26				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.09	1.27
	Low	16QAM	1.10	1.26
	Mid	QPSK	1.10	1.28
	Mid	16QAM	1.09	1.27
	High	QPSK	1.10	1.28
	High	16QAM	1.10	1.28
3	Low	QPSK	2.69	2.97
	Low	16QAM	2.69	2.98
	Mid	QPSK	2.70	2.97
	Mid	16QAM	2.69	2.98
	High	QPSK	2.70	2.98
	High	16QAM	2.70	3.00
5	Low	QPSK	4.50	4.99
	Low	16QAM	4.49	4.99
	Mid	QPSK	4.50	4.98
	Mid	16QAM	4.50	5.02
	High	QPSK	4.50	4.99
	High	16QAM	4.49	5.00
10	Low	QPSK	8.98	9.81
	Low	16QAM	8.98	9.84
	Mid	QPSK	8.97	9.88
	Mid	16QAM	8.96	9.74
	High	QPSK	8.96	9.78
	High	16QAM	8.98	9.87
15	Low	QPSK	13.48	14.56
	Low	16QAM	13.47	14.69
	Mid	QPSK	13.45	14.64
	Mid	16QAM	13.43	14.56
	High	QPSK	13.45	14.64
	High	16QAM	13.47	14.64



LTE Band 38				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.51	5.25
	Low	16QAM	4.51	5.01
	Mid	QPSK	4.50	5.35
	Mid	16QAM	4.51	5.03
	High	QPSK	4.51	5.30
	High	16QAM	4.50	5.04
10	Low	QPSK	8.95	9.90
	Low	16QAM	8.96	9.99
	Mid	QPSK	8.95	9.98
	Mid	16QAM	8.96	9.85
	High	QPSK	8.95	10.09
	High	16QAM	8.94	9.76
15	Low	QPSK	13.47	14.60
	Low	16QAM	13.48	20.71
	Mid	QPSK	13.46	14.52
	Mid	16QAM	13.49	15.06
	High	QPSK	13.47	14.61
	High	16QAM	13.45	15.31
20	Low	QPSK	17.95	19.96
	Low	16QAM	17.91	19.36
	Mid	QPSK	17.93	20.11
	Mid	16QAM	17.88	19.48
	High	QPSK	17.90	19.67
	High	16QAM	17.89	19.45



LTE Band 40, Block A				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.50	5.36
	Low	16QAM	4.50	5.42
	Mid	QPSK	4.51	5.30
	Mid	16QAM	4.50	5.41
	High	QPSK	4.50	5.21
	High	16QAM	4.51	5.29
10	Mid	QPSK	8.99	10.68
	Mid	16QAM	8.98	11.07

LTE Band 40, Block B				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.51	5.30
	Low	16QAM	4.50	5.17
	Mid	QPSK	4.50	5.43
	Mid	16QAM	4.50	5.41
	High	QPSK	4.51	5.48
	High	16QAM	4.50	5.53
10	Mid	QPSK	8.99	11.10
	Mid	16QAM	9.00	10.87



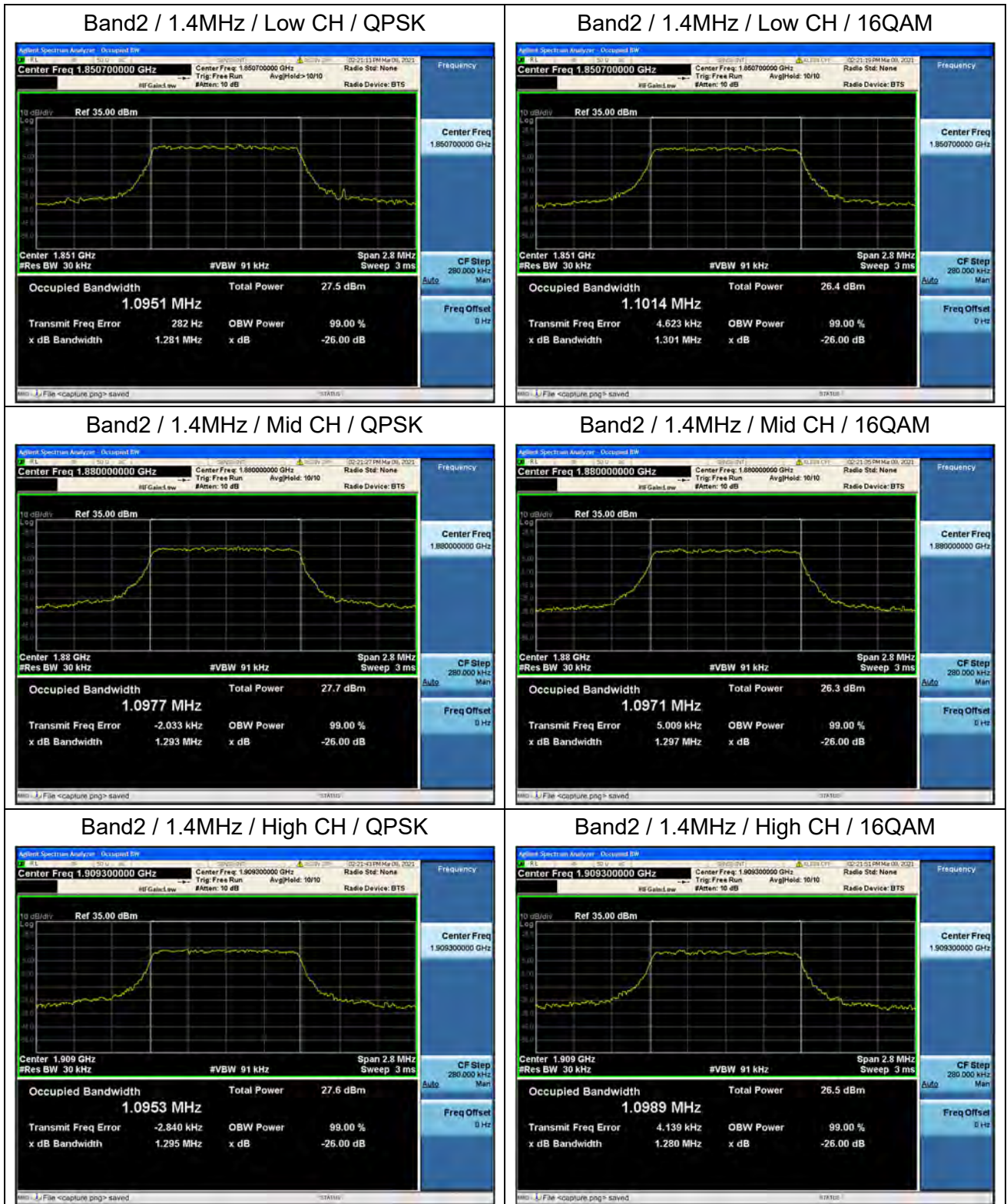
LTE Band 41				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.51	5.30
	Low	16QAM	4.51	5.00
	Mid	QPSK	4.51	5.30
	Mid	16QAM	4.51	5.00
	High	QPSK	4.5	5.28
	High	16QAM	4.5	4.99
10	Low	QPSK	8.94	9.84
	Low	16QAM	8.95	9.87
	Mid	QPSK	8.97	9.74
	Mid	16QAM	8.95	9.80
	High	QPSK	8.98	9.81
	High	16QAM	8.95	9.76
15	Low	QPSK	13.44	14.71
	Low	16QAM	13.46	15.11
	Mid	QPSK	13.44	15.05
	Mid	16QAM	13.45	15.12
	High	QPSK	13.46	14.89
	High	16QAM	13.45	15.17
20	Low	QPSK	17.91	20.00
	Low	16QAM	17.89	19.35
	Mid	QPSK	17.89	19.67
	Mid	16QAM	17.89	19.35
	High	QPSK	17.87	20.09
	High	16QAM	17.90	19.65



LTE Band 66				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.10	1.30
	Low	16QAM	1.10	1.29
	Mid	QPSK	1.10	1.31
	Mid	16QAM	1.10	1.28
	High	QPSK	1.10	1.32
	High	16QAM	1.10	1.32
3	Low	QPSK	2.69	2.98
	Low	16QAM	2.69	2.99
	Mid	QPSK	2.70	2.99
	Mid	16QAM	2.70	2.99
	High	QPSK	2.70	3.03
	High	16QAM	2.70	3.02
5	Low	QPSK	4.50	5.03
	Low	16QAM	4.50	5.01
	Mid	QPSK	4.50	5.02
	Mid	16QAM	4.50	5.01
	High	QPSK	4.50	4.97
	High	16QAM	4.49	5.01
10	Low	QPSK	8.98	9.85
	Low	16QAM	8.93	9.73
	Mid	QPSK	8.96	9.89
	Mid	16QAM	8.98	9.85
	High	QPSK	8.99	9.83
	High	16QAM	8.97	9.89
15	Low	QPSK	13.44	14.59
	Low	16QAM	13.44	14.63
	Mid	QPSK	13.46	14.67
	Mid	16QAM	13.41	14.57
	High	QPSK	13.47	14.56
	High	16QAM	13.39	14.46
20	Low	QPSK	17.91	19.46
	Low	16QAM	17.92	19.36
	Mid	QPSK	17.89	19.44
	Mid	16QAM	17.89	19.33
	High	QPSK	17.89	19.44
	High	16QAM	17.92	19.32



LTE Band 71				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.49	5.02
	Low	16QAM	4.49	4.99
	Mid	QPSK	4.49	4.98
	Mid	16QAM	4.49	5.00
	High	QPSK	4.50	5.03
	High	16QAM	4.49	5.00
10	Low	QPSK	8.98	9.87
	Low	16QAM	8.97	9.79
	Mid	QPSK	8.98	9.90
	Mid	16QAM	8.99	9.87
	High	QPSK	8.99	9.88
	High	16QAM	8.98	9.78
15	Low	QPSK	13.44	14.65
	Low	16QAM	13.42	14.59
	Mid	QPSK	13.42	14.60
	Mid	16QAM	13.46	14.67
	High	QPSK	13.46	14.67
	High	16QAM	13.44	14.68
20	Low	QPSK	17.85	19.39
	Low	16QAM	17.86	19.34
	Mid	QPSK	17.87	19.38
	Mid	16QAM	17.87	19.39
	High	QPSK	17.88	19.43
	High	16QAM	17.86	19.31





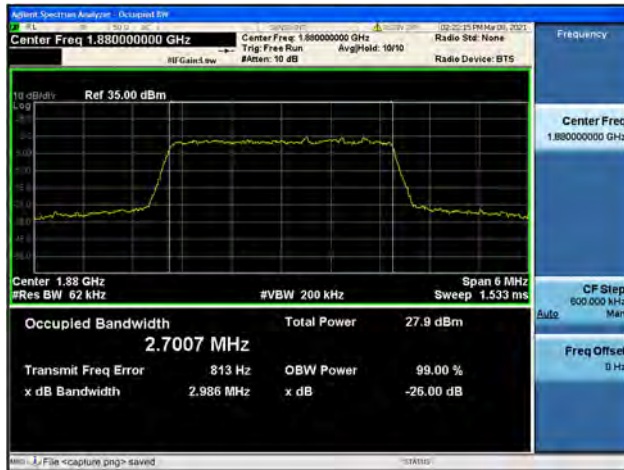
Band2 / 3MHz / Low CH / QPSK



Band2 / 3MHz / Low CH / 16QAM



Band2 / 3MHz / Mid CH / QPSK



Band2 / 3MHz / Mid CH / 16QAM



Band2 / 3MHz / High CH / QPSK

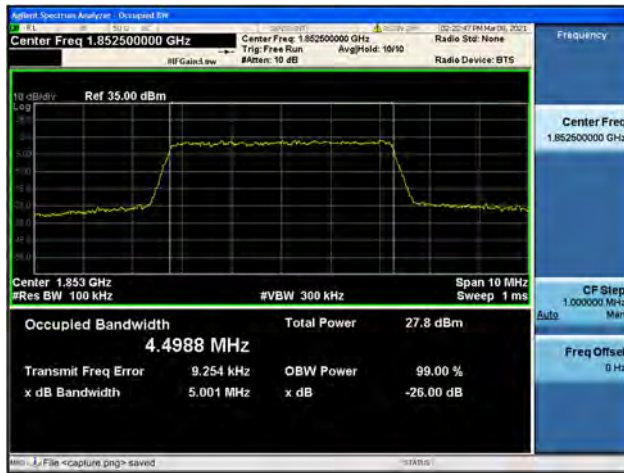


Band2 / 3MHz / High CH / 16QAM





Band2 / 5MHz / Low CH / QPSK



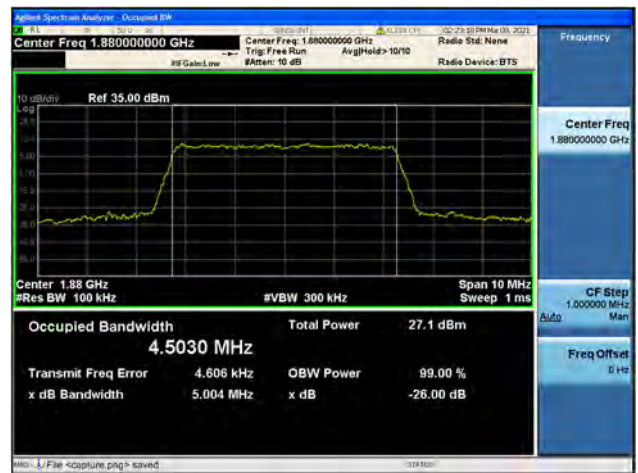
Band2 / 5MHz / Low CH / 16QAM



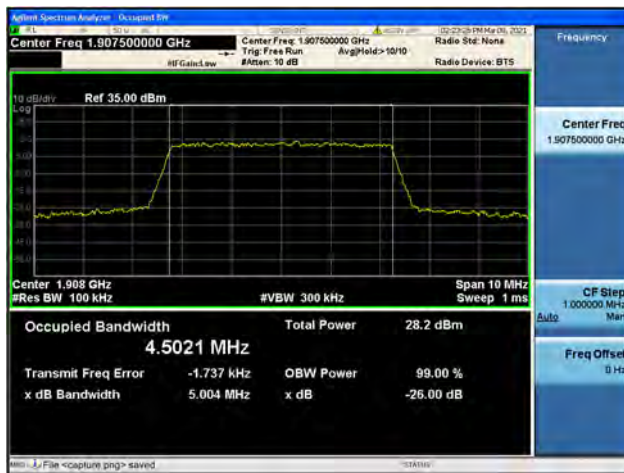
Band2 / 5MHz / Mid CH / QPSK



Band2 / 5MHz / Mid CH / 16QAM



Band2 / 5MHz / High CH / QPSK

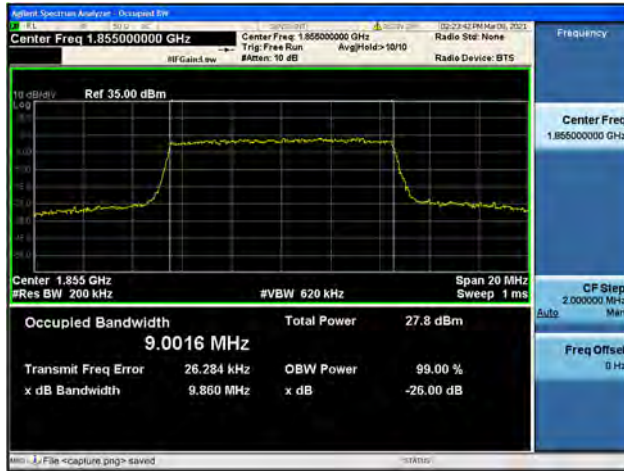


Band2 / 5MHz / High CH / 16QAM





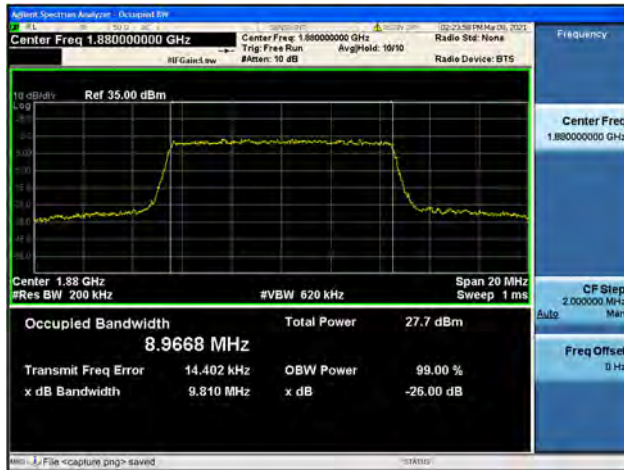
Band2 / 10MHz / Low CH / QPSK



Band2 / 10MHz / Low CH / 16QAM



Band2 / 10MHz / Mid CH / QPSK



Band2 / 10MHz / Mid CH / 16QAM



Band2 / 10MHz / High CH / QPSK

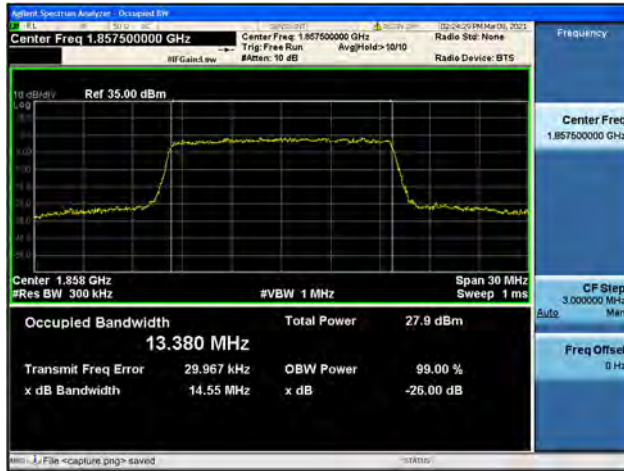


Band2 / 10MHz / High CH / 16QAM

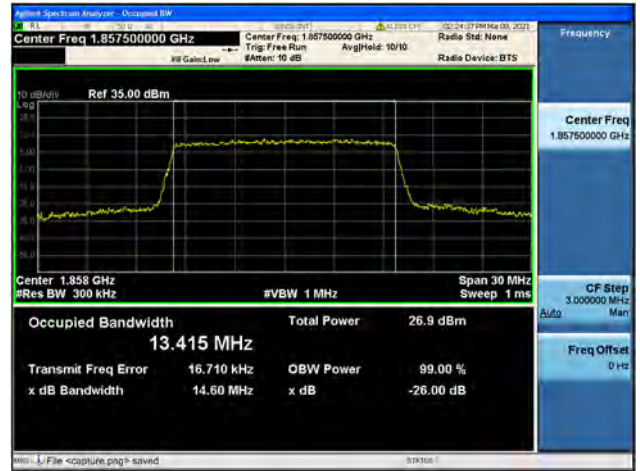




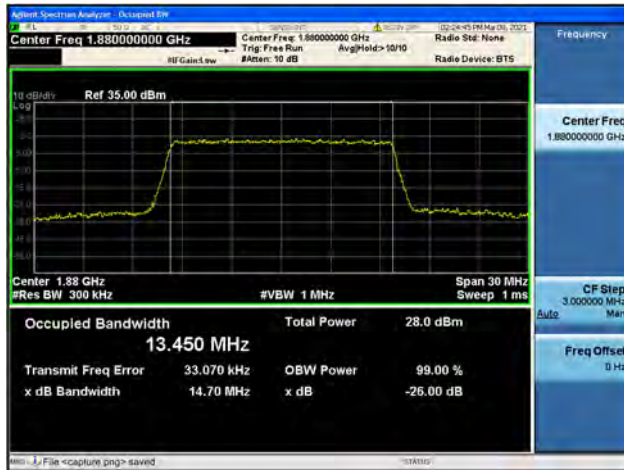
Band2 / 15MHz / Low CH / QPSK



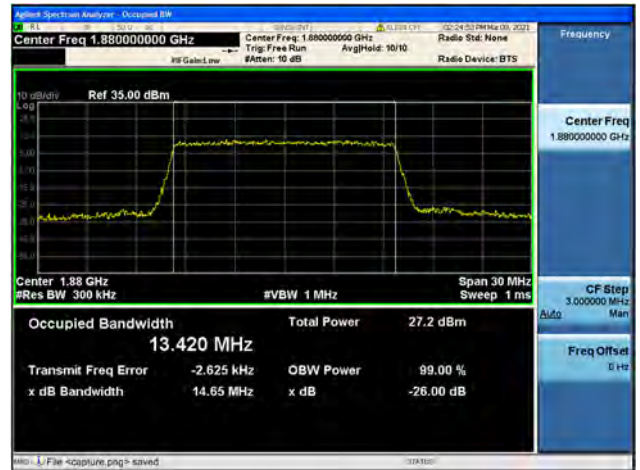
Band2 / 15MHz / Low CH / 16QAM



Band2 / 15MHz / Mid CH / QPSK



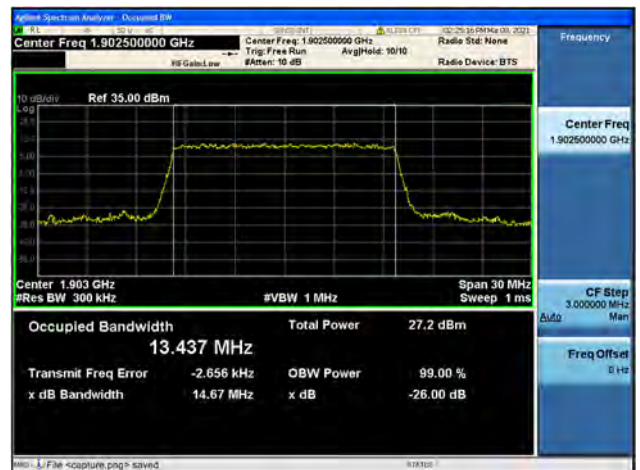
Band2 / 15MHz / Mid CH / 16QAM



Band2 / 15MHz / High CH / QPSK

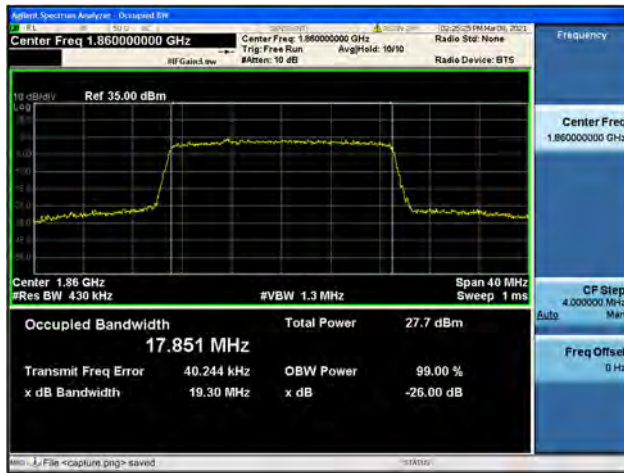


Band2 / 15MHz / High CH / 16QAM





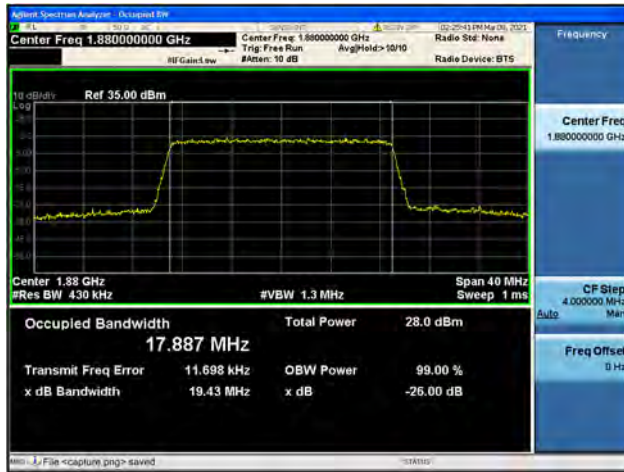
Band2 / 20MHz / Low CH / QPSK



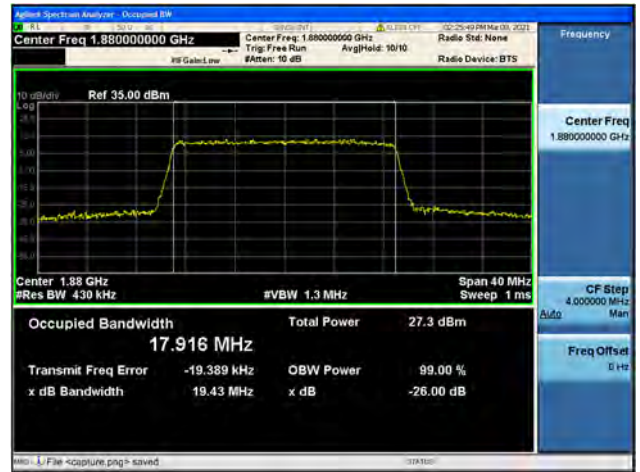
Band2 / 20MHz / Low CH / 16QAM



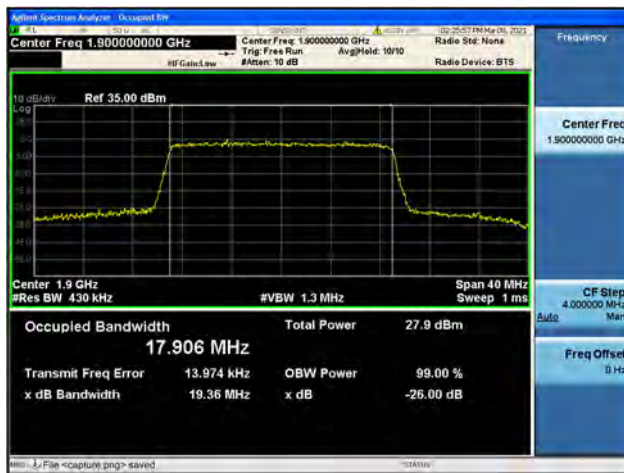
Band2 / 20MHz / Mid CH / QPSK



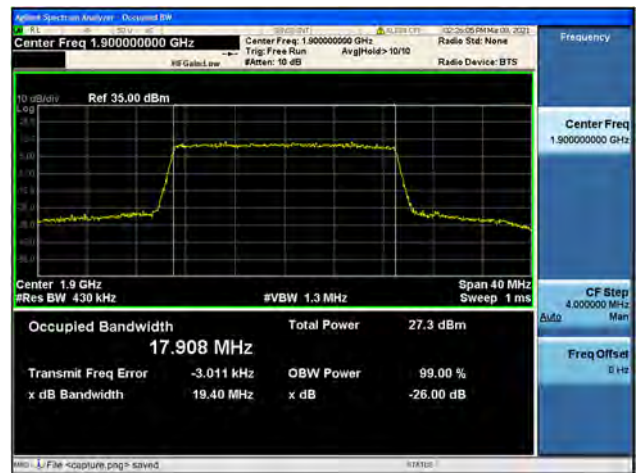
Band2 / 20MHz / Mid CH / 16QAM



Band2 / 20MHz / High CH / QPSK

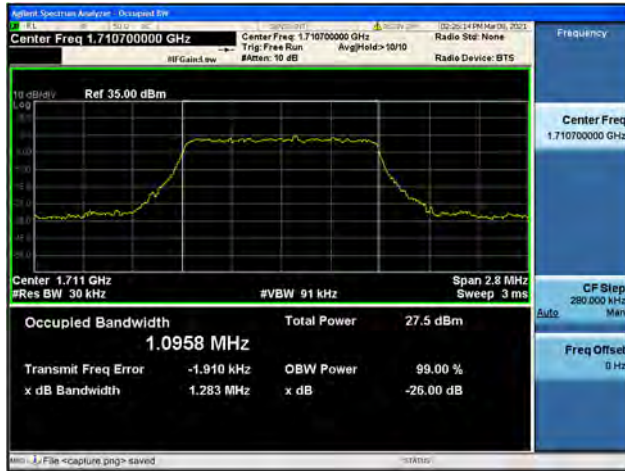


Band2 / 20MHz / High CH / 16QAM

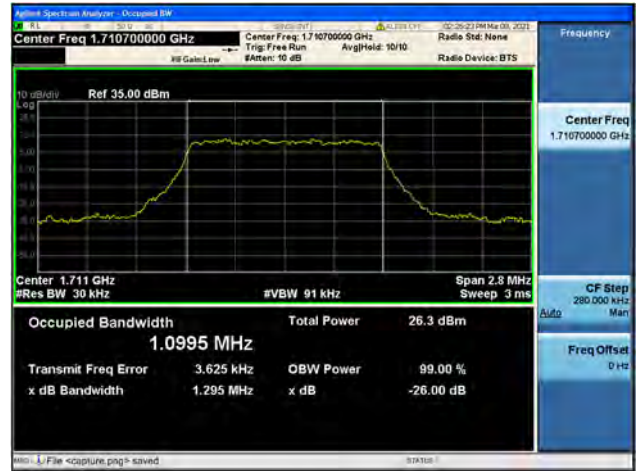




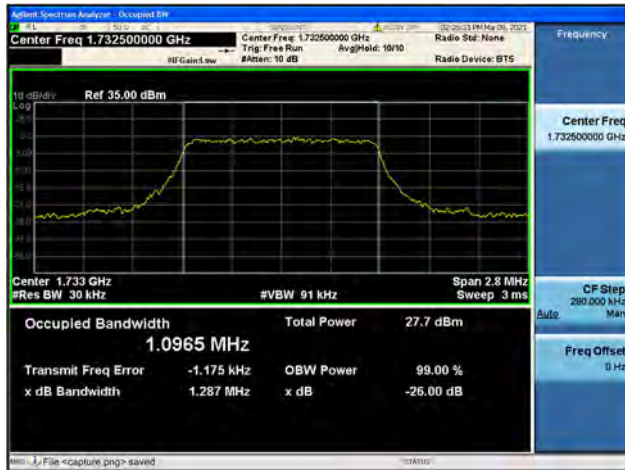
Band4 / 1.4MHz / Low CH / QPSK



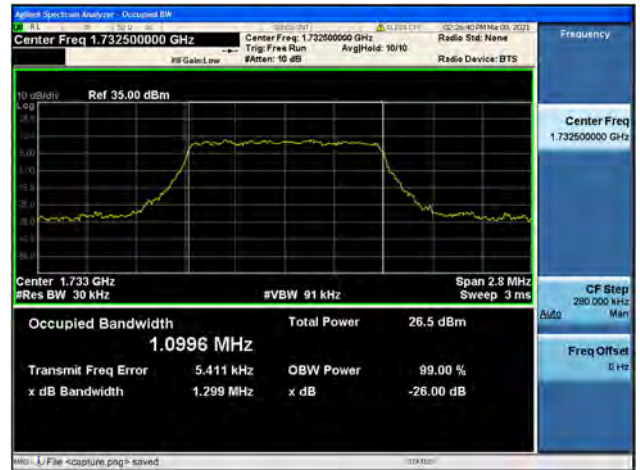
Band4 / 1.4MHz / Low CH / 16QAM



Band4 / 1.4MHz / Mid CH / QPSK



Band4 / 1.4MHz / Mid CH / 16QAM



Band4 / 1.4MHz / High CH / QPSK

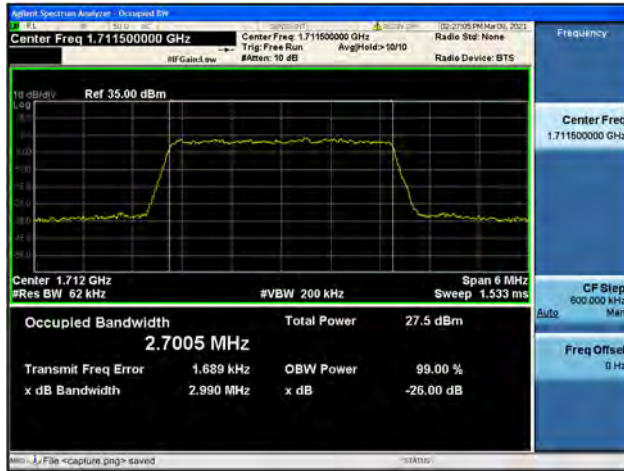


Band4 / 1.4MHz / High CH / 16QAM





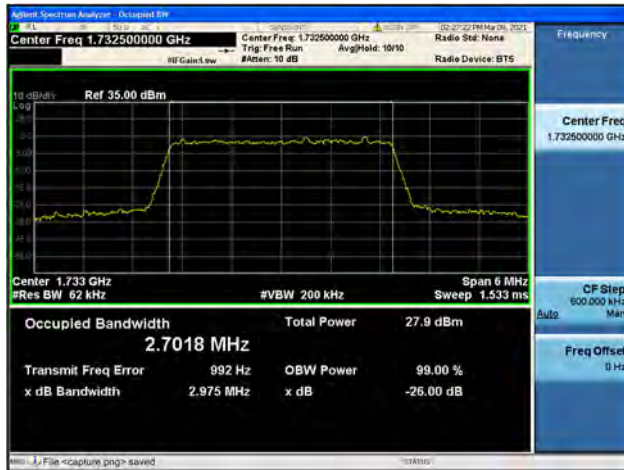
Band4 / 3MHz / Low CH / QPSK



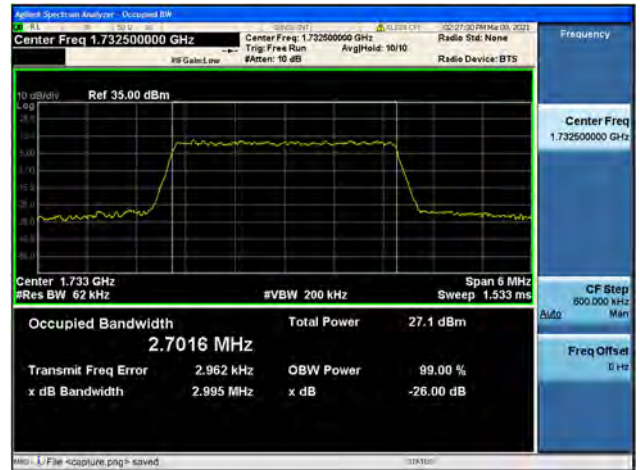
Band4 / 3MHz / Low CH / 16QAM



Band4 / 3MHz / Mid CH / QPSK



Band4 / 3MHz / Mid CH / 16QAM



Band4 / 3MHz / High CH / QPSK

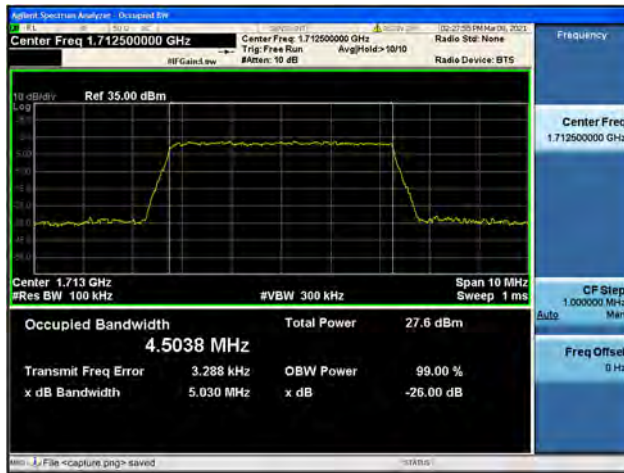


Band4 / 3MHz / High CH / 16QAM

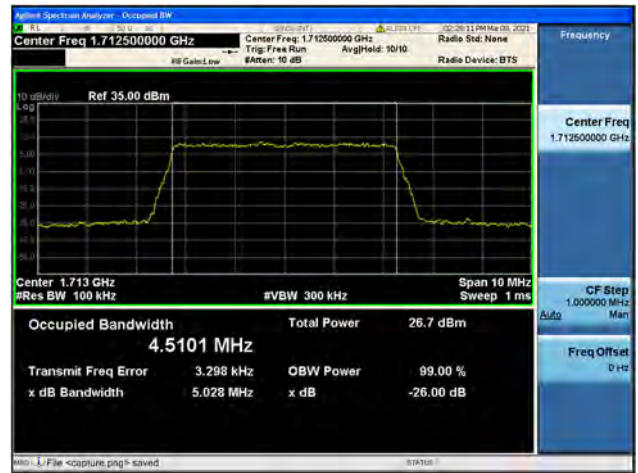




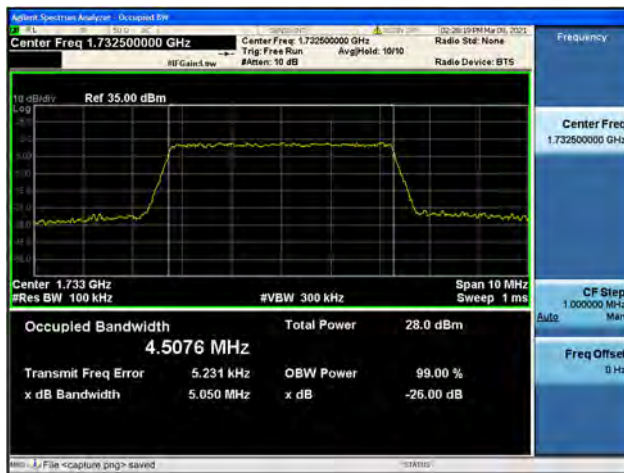
Band4 / 5MHz / Low CH / QPSK



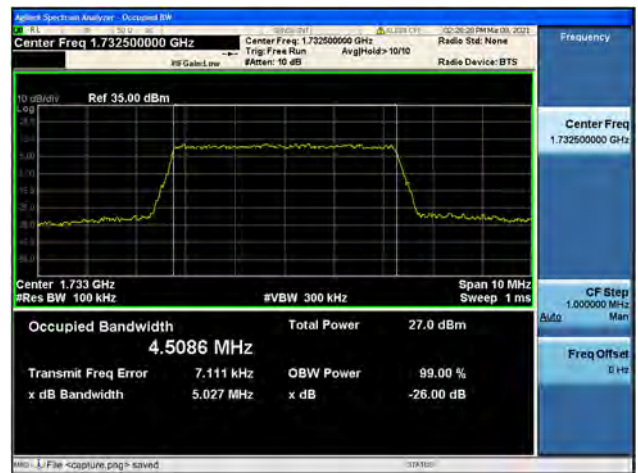
Band4 / 5MHz / Low CH / 16QAM



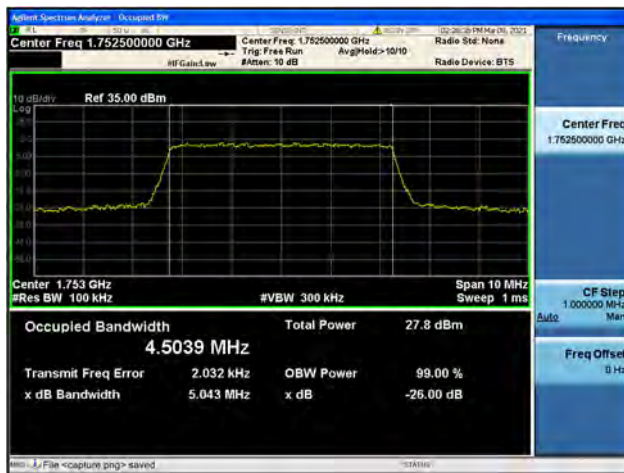
Band4 / 5MHz / Mid CH / QPSK



Band4 / 5MHz / Mid CH / 16QAM



Band4 / 5MHz / High CH / QPSK

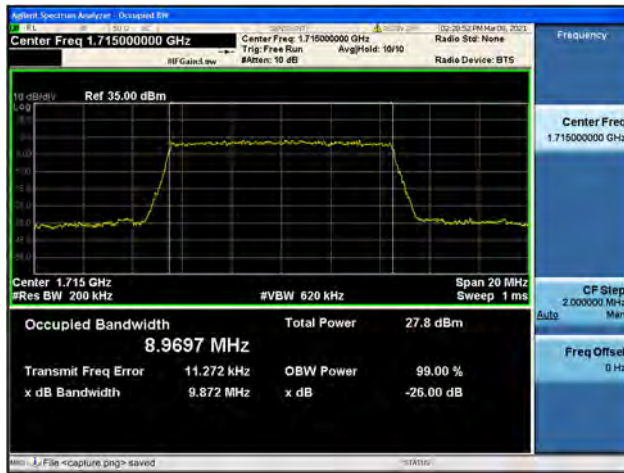


Band4 / 5MHz / High CH / 16QAM

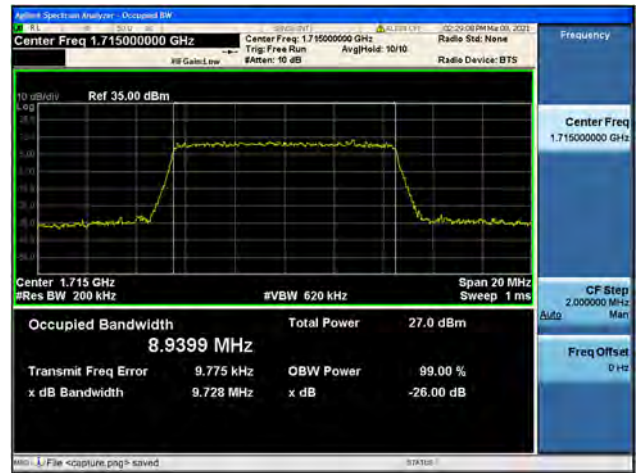




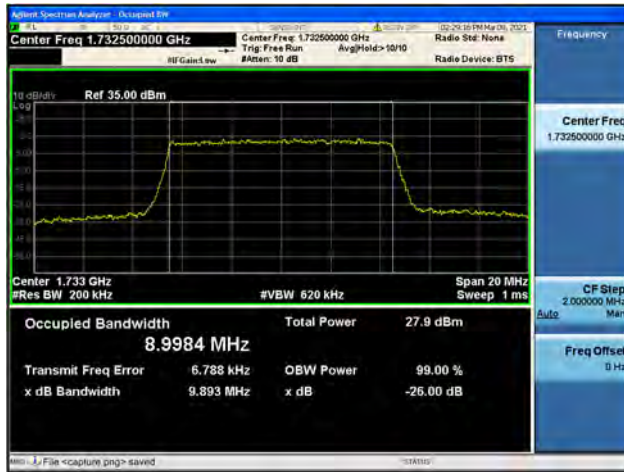
Band4 / 10MHz / Low CH / QPSK



Band4 / 10MHz / Low CH / 16QAM



Band4 / 10MHz / Mid CH / QPSK



Band4 / 10MHz / Mid CH / 16QAM



Band4 / 10MHz / High CH / QPSK

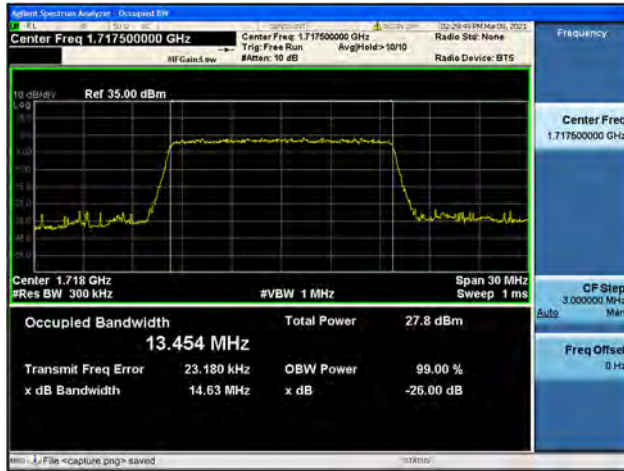


Band4 / 10MHz / High CH / 16QAM

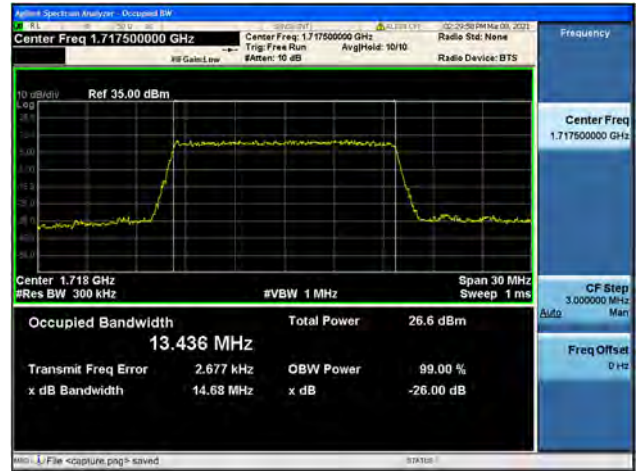




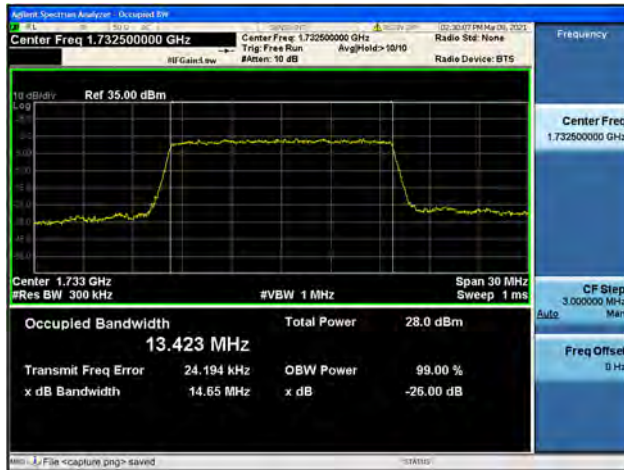
Band4 / 15MHz / Low CH / QPSK



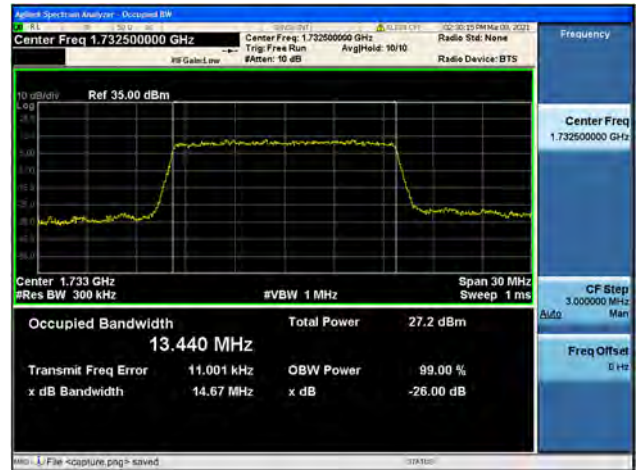
Band4 / 15MHz / Low CH / 16QAM



Band4 / 15MHz / Mid CH / QPSK



Band4 / 15MHz / Mid CH / 16QAM



Band4 / 15MHz / High CH / QPSK

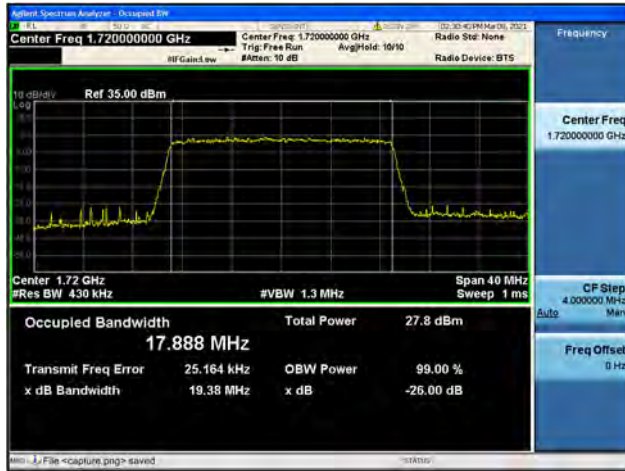


Band4 / 15MHz / High CH / 16QAM





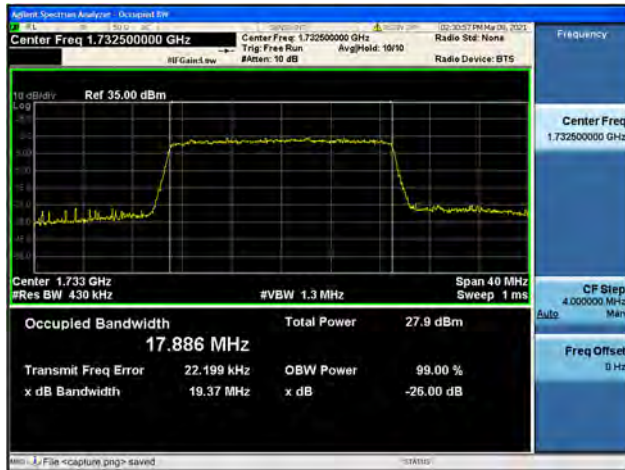
Band4 / 20MHz / Low CH / QPSK



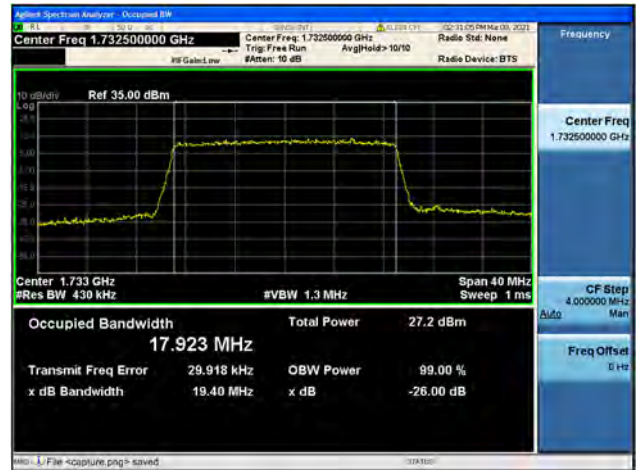
Band4 / 20MHz / Low CH / 16QAM



Band4 / 20MHz / Mid CH / QPSK



Band4 / 20MHz / Mid CH / 16QAM



Band4 / 20MHz / High CH / QPSK

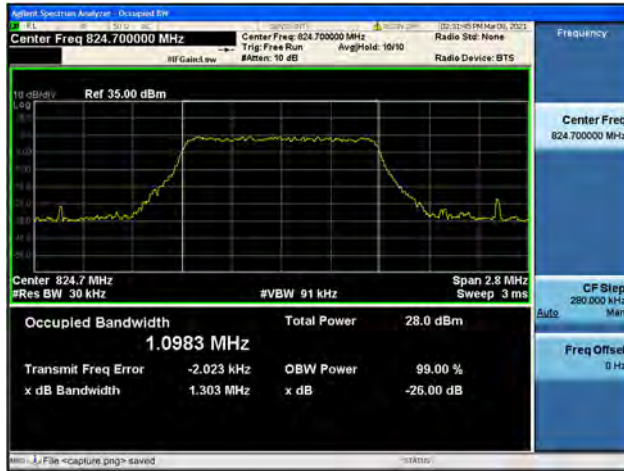


Band4 / 20MHz / High CH / 16QAM

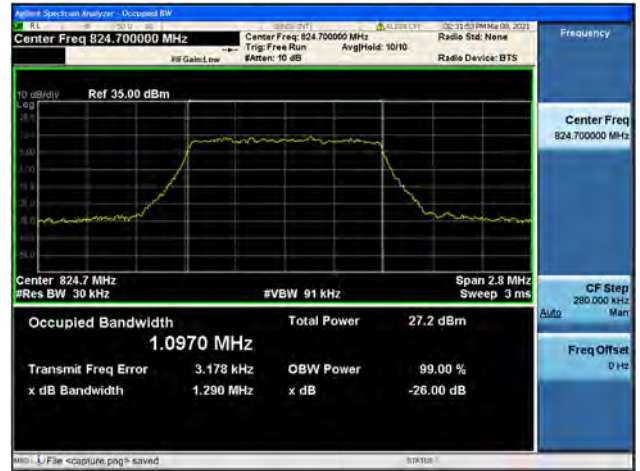




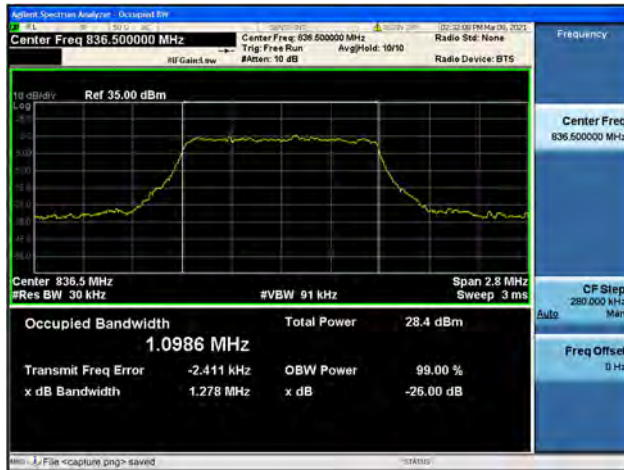
Band5 / 1.4MHz / Low CH / QPSK



Band5 / 1.4MHz / Low CH / 16QAM



Band5 / 1.4MHz / Mid CH / QPSK



Band5 / 1.4MHz / Mid CH / 16QAM



Band5 / 1.4MHz / High CH / QPSK



Band5 / 1.4MHz / High CH / 16QAM





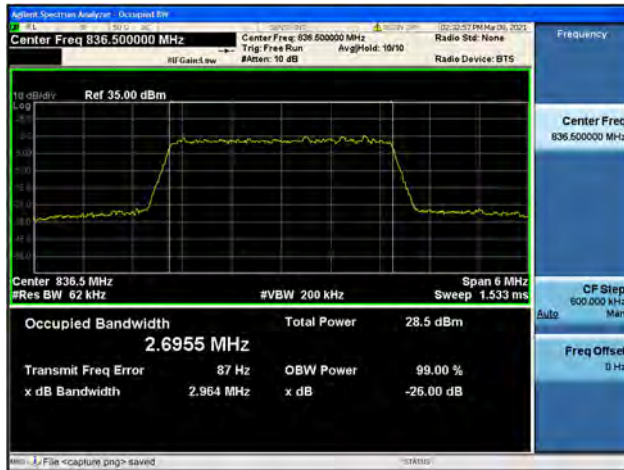
Band5 / 3MHz / Low CH / QPSK



Band5 / 3MHz / Low CH / 16QAM



Band5 / 3MHz / Mid CH / QPSK



Band5 / 3MHz / Mid CH / 16QAM



Band5 / 3MHz / High CH / QPSK

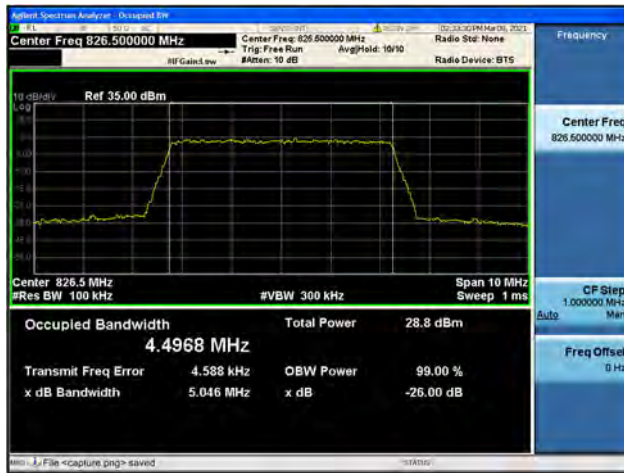


Band5 / 3MHz / High CH / 16QAM

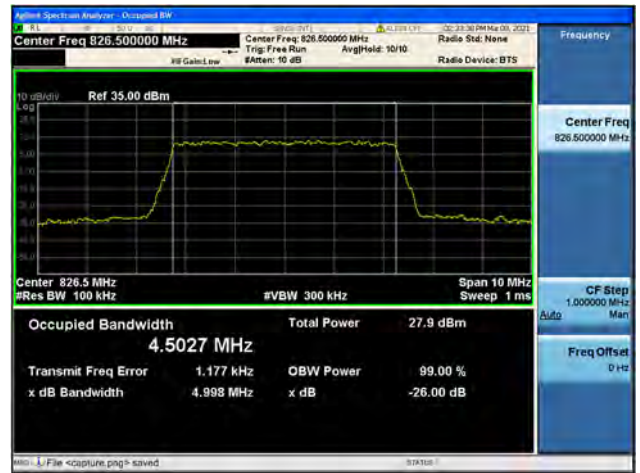




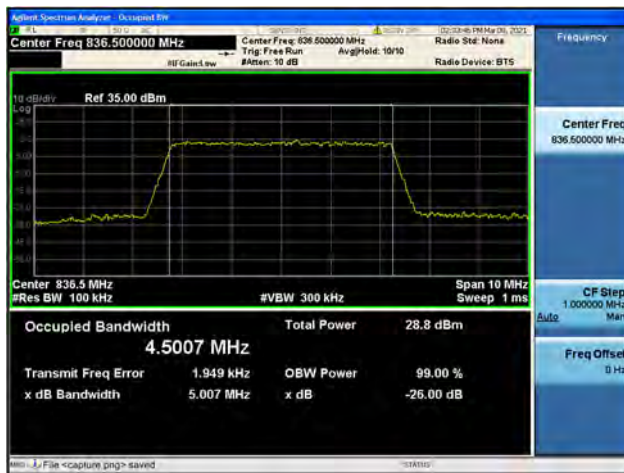
Band5 / 5MHz / Low CH / QPSK



Band5 / 5MHz / Low CH / 16QAM



Band5 / 5MHz / Mid CH / QPSK



Band5 / 5MHz / Mid CH / 16QAM



Band5 / 5MHz / High CH / QPSK

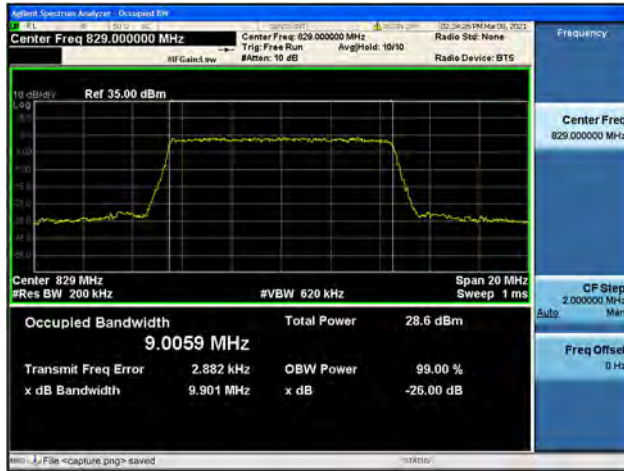


Band5 / 5MHz / High CH / 16QAM





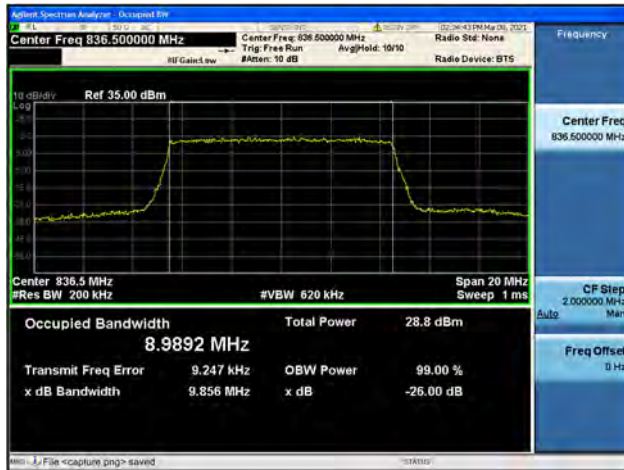
Band5 / 10MHz / Low CH / QPSK



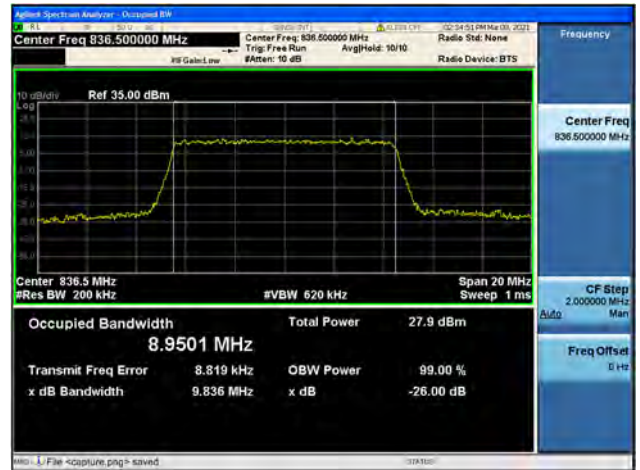
Band5 / 10MHz / Low CH / 16QAM



Band5 / 10MHz / Mid CH / QPSK



Band5 / 10MHz / Mid CH / 16QAM



Band5 / 10MHz / High CH / QPSK

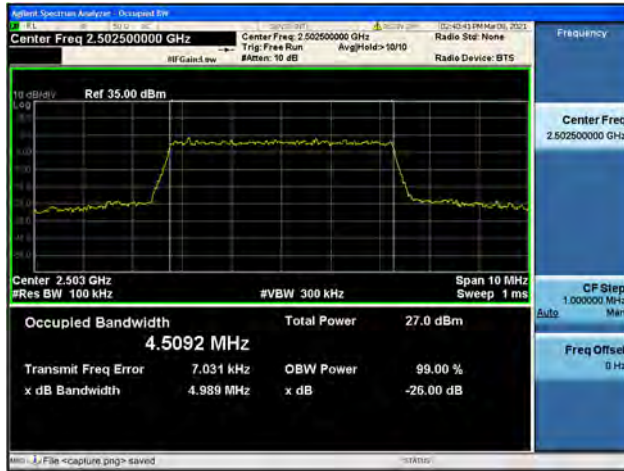


Band5 / 10MHz / High CH / 16QAM





Band7 / 5MHz / Low CH / QPSK



Band7 / 5MHz / Low CH / 16QAM



Band7 / 5MHz / Mid CH / QPSK



Band7 / 5MHz / Mid CH / 16QAM



Band7 / 5MHz / High CH / QPSK

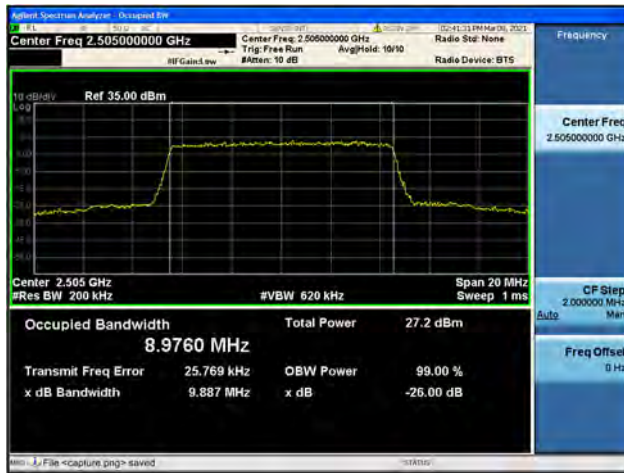


Band7 / 5MHz / High CH / 16QAM





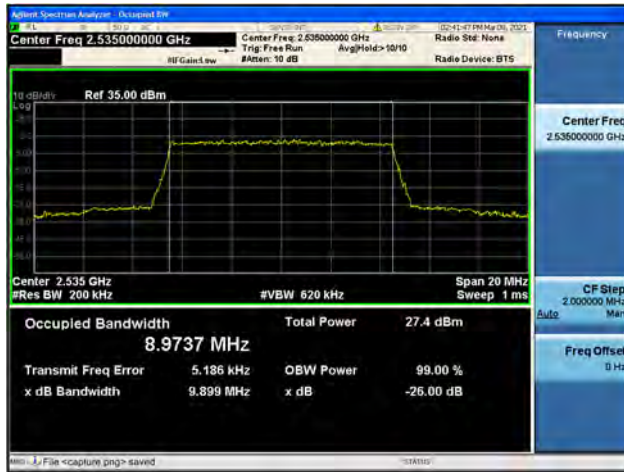
Band7 / 10MHz / Low CH / QPSK



Band7 / 10MHz / Low CH / 16QAM



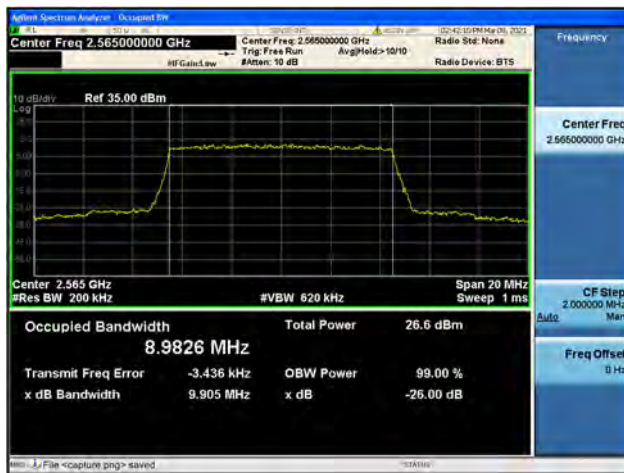
Band7 / 10MHz / Mid CH / QPSK



Band7 / 10MHz / Mid CH / 16QAM



Band7 / 10MHz / High CH / QPSK



Band7 / 10MHz / High CH / 16QAM

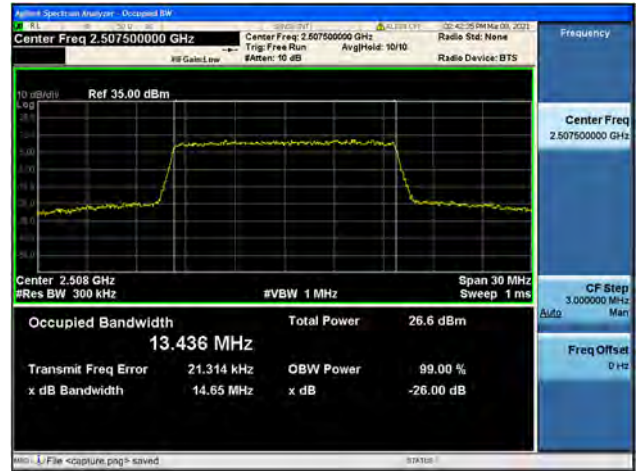




Band7 / 15MHz / Low CH / QPSK



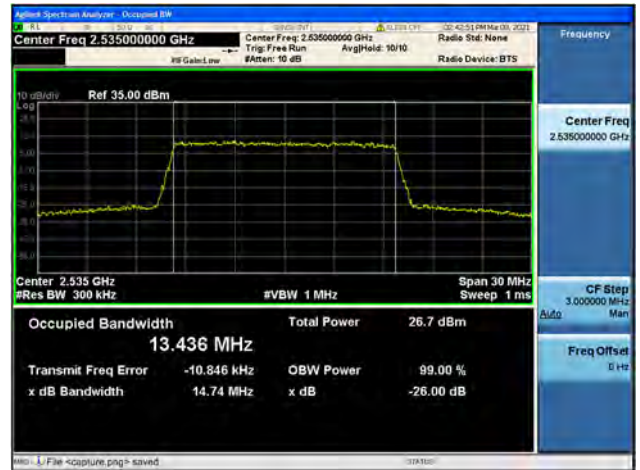
Band7 / 15MHz / Low CH / 16QAM



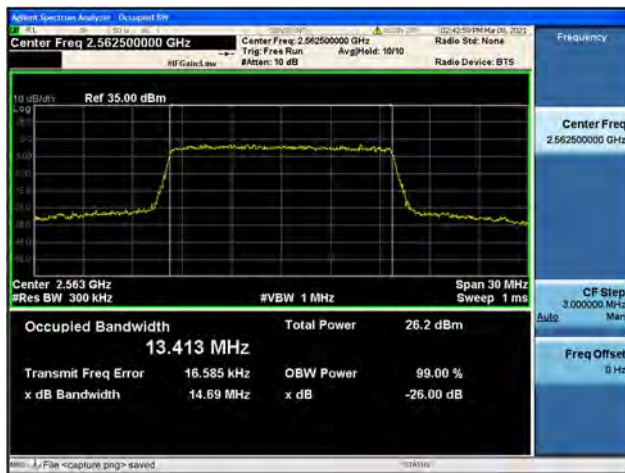
Band7 / 15MHz / Mid CH / QPSK



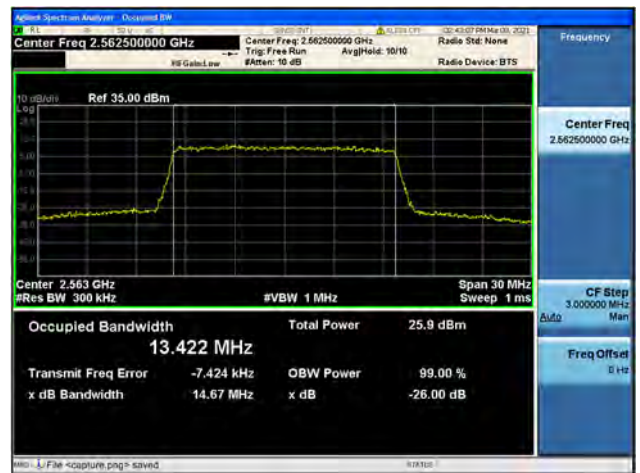
Band7 / 15MHz / Mid CH / 16QAM



Band7 / 15MHz / High CH / QPSK

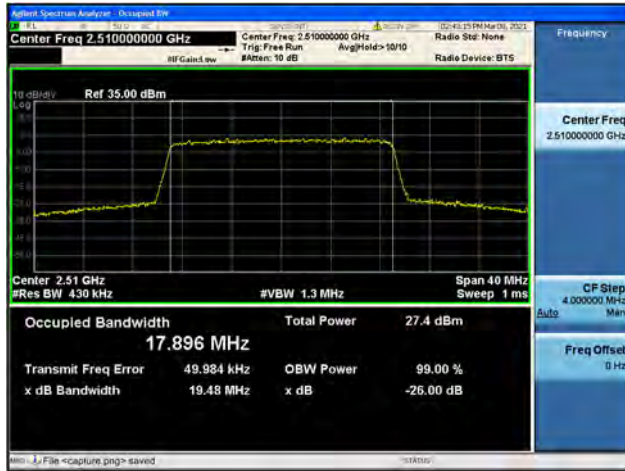


Band7 / 15MHz / High CH / 16QAM





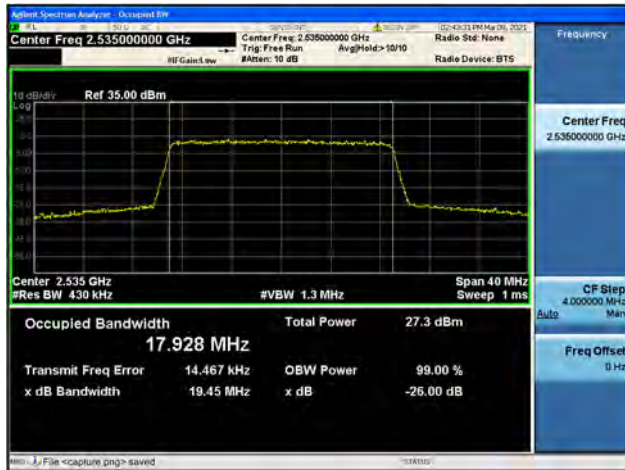
Band7 / 20MHz / Low CH / QPSK



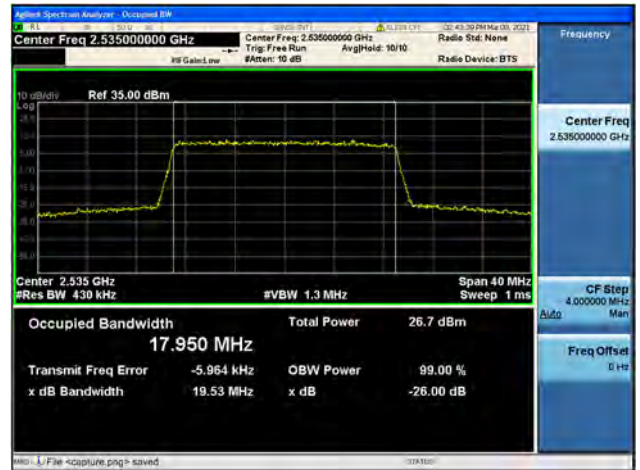
Band7 / 20MHz / Low CH / 16QAM



Band7 / 20MHz / Mid CH / QPSK



Band7 / 20MHz / Mid CH / 16QAM



Band7 / 20MHz / High CH / QPSK



Band7 / 20MHz / High CH / 16QAM

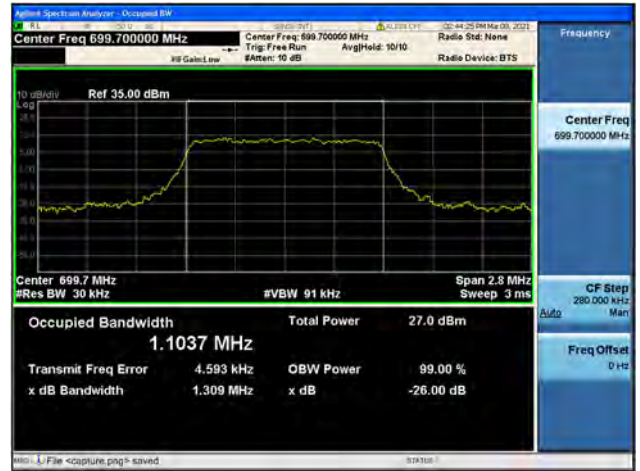




Band12 / 1.4MHz / Low CH / QPSK



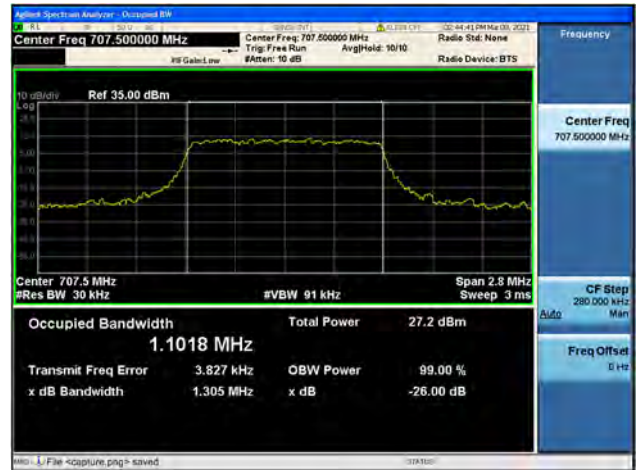
Band12 / 1.4MHz / Low CH / 16QAM



Band12 / 1.4MHz / Mid CH / QPSK



Band12 / 1.4MHz / Mid CH / 16QAM



Band12 / 1.4MHz / High CH / QPSK



Band12 / 1.4MHz / High CH / 16QAM





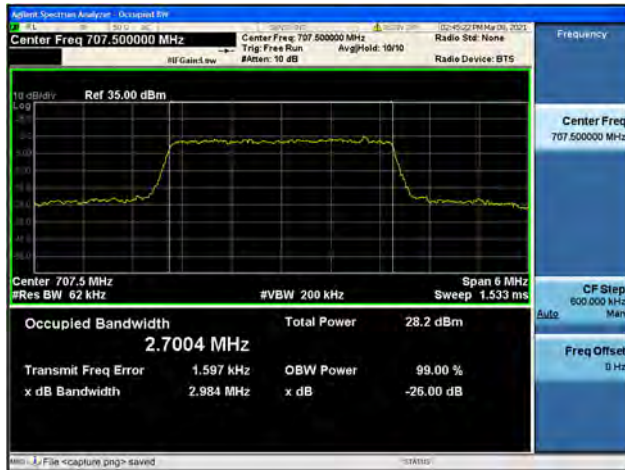
Band12 / 3MHz / Low CH / QPSK



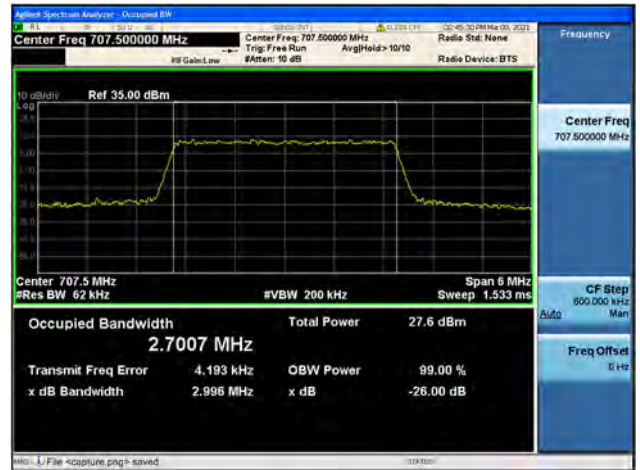
Band12 / 3MHz / Low CH / 16QAM



Band12 / 3MHz / Mid CH / QPSK



Band12 / 3MHz / Mid CH / 16QAM



Band12 / 3MHz / High CH / QPSK



Band12 / 3MHz / High CH / 16QAM

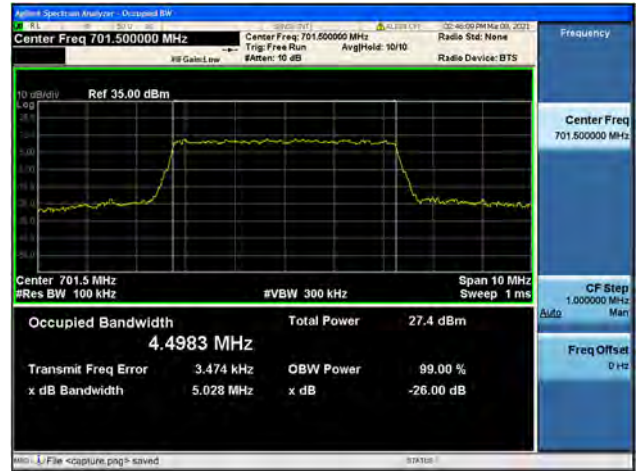




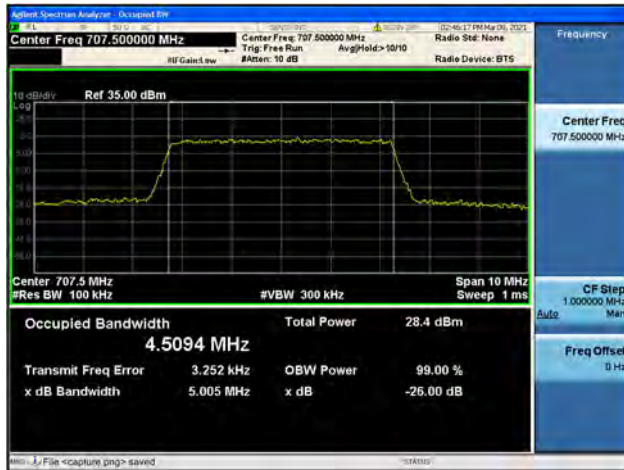
Band12 / 5MHz / Low CH / QPSK



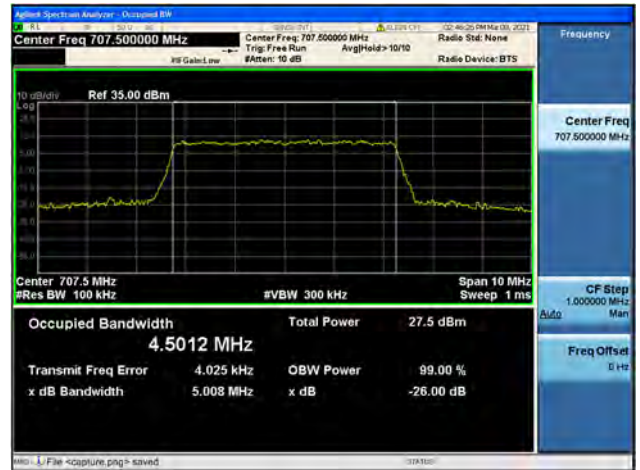
Band12 / 5MHz / Low CH / 16QAM



Band12 / 5MHz / Mid CH / QPSK



Band12 / 5MHz / Mid CH / 16QAM



Band12 / 5MHz / High CH / QPSK



Band12 / 5MHz / High CH / 16QAM





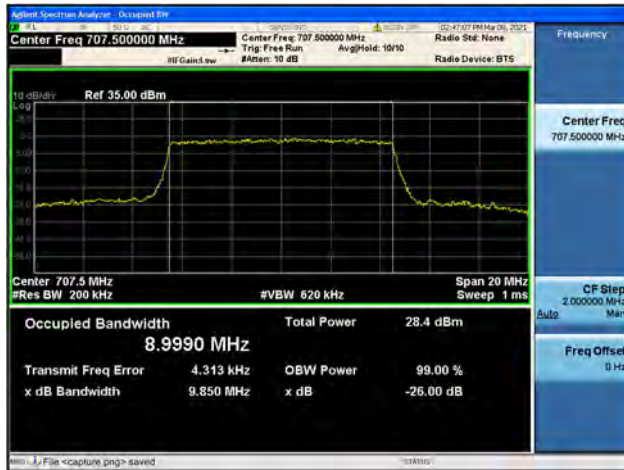
Band12 / 10MHz / Low CH / QPSK



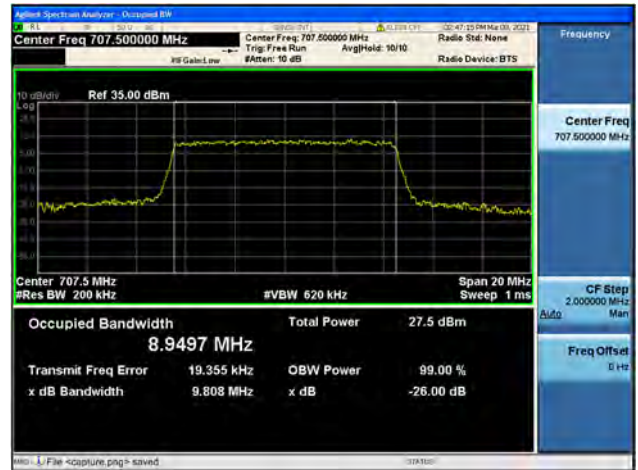
Band12 / 10MHz / Low CH / 16QAM



Band12 / 10MHz / Mid CH / QPSK



Band12 / 10MHz / Mid CH / 16QAM



Band12 / 10MHz / High CH / QPSK

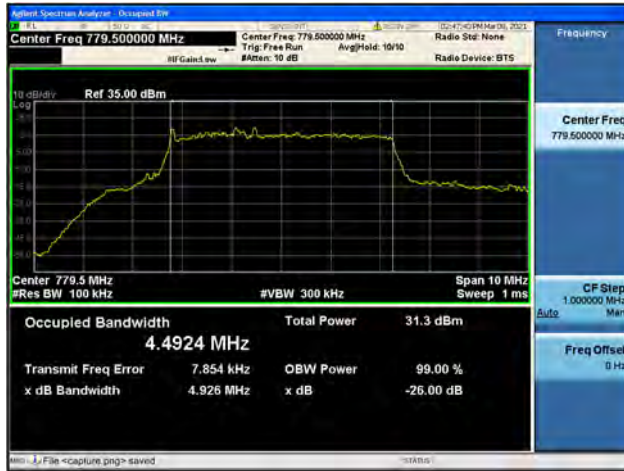


Band12 / 10MHz / High CH / 16QAM

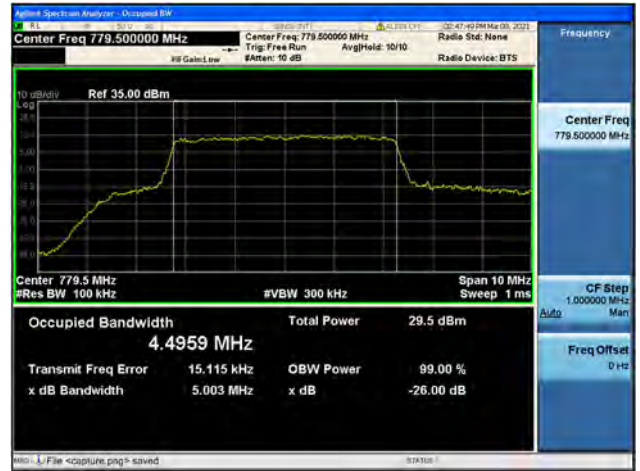




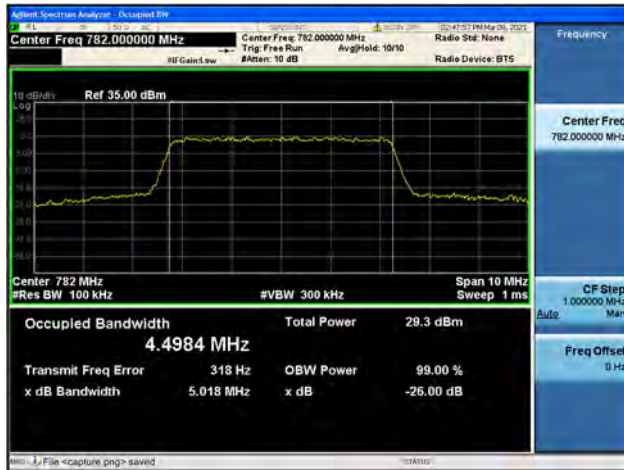
Band13 / 5MHz / Low CH / QPSK



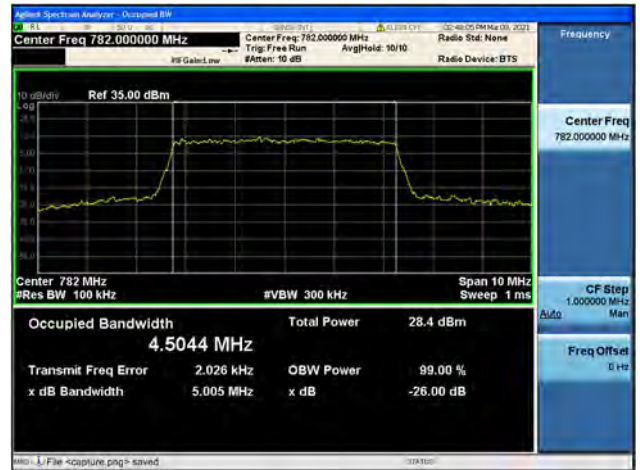
Band13 / 5MHz / Low CH / 16QAM



Band13 / 5MHz / Mid CH / QPSK



Band13 / 5MHz / Mid CH / 16QAM



Band13 / 5MHz / High CH / QPSK

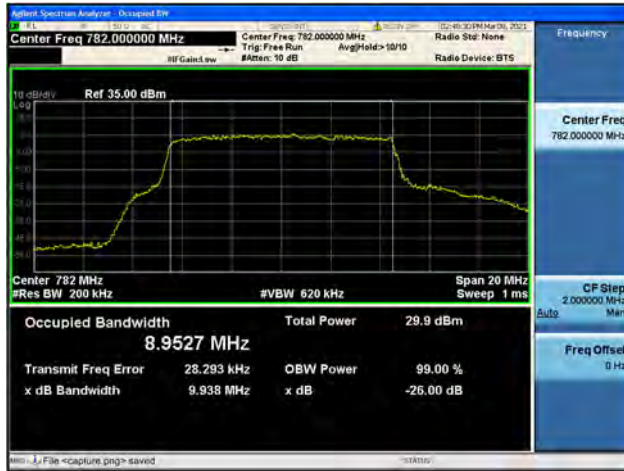


Band13 / 5MHz / High CH / 16QAM





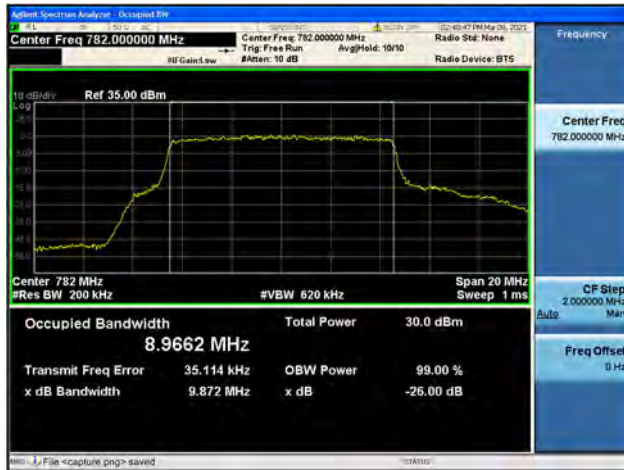
Band13 / 10MHz / Low CH / QPSK



Band13 / 10MHz / Low CH / 16QAM



Band13 / 10MHz / Mid CH / QPSK



Band13 / 10MHz / Mid CH / 16QAM



Band13 / 10MHz / High CH / QPSK



Band13 / 10MHz / High CH / 16QAM

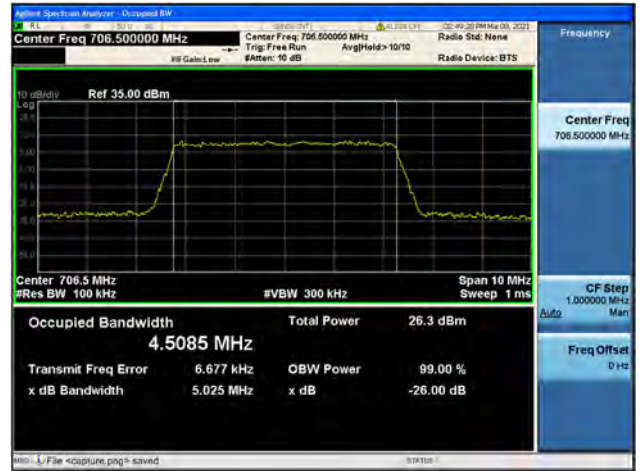




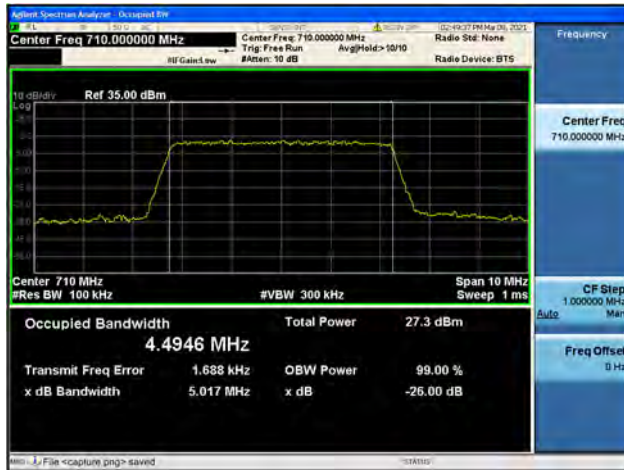
Band17 / 5MHz / Low CH / QPSK



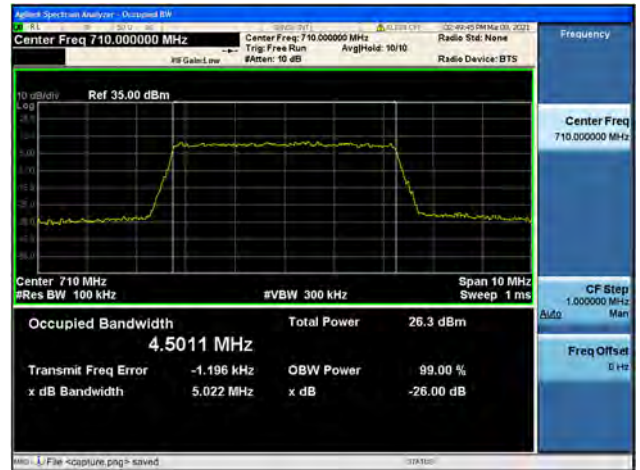
Band17 / 5MHz / Low CH / 16QAM



Band17 / 5MHz / Mid CH / QPSK



Band17 / 5MHz / Mid CH / 16QAM



Band17 / 5MHz / High CH / QPSK



Band17 / 5MHz / High CH / 16QAM





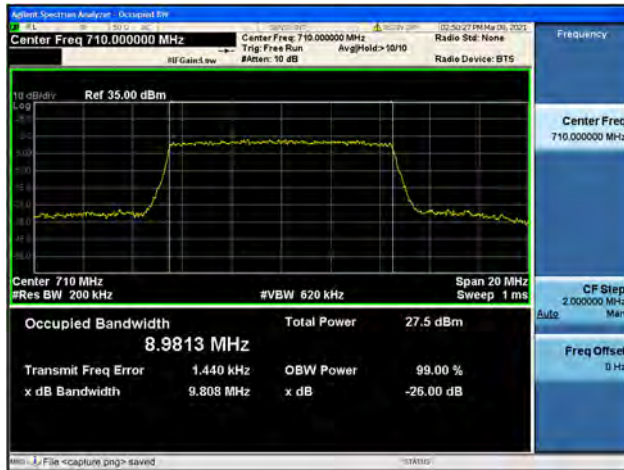
Band17 / 10MHz / Low CH / QPSK



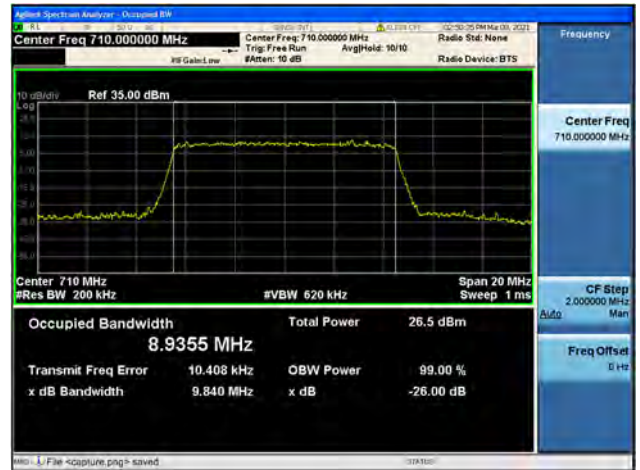
Band17 / 10MHz / Low CH / 16QAM



Band17 / 10MHz / Mid CH / QPSK



Band17 / 10MHz / Mid CH / 16QAM



Band17 / 10MHz / High CH / QPSK



Band17 / 10MHz / High CH / 16QAM

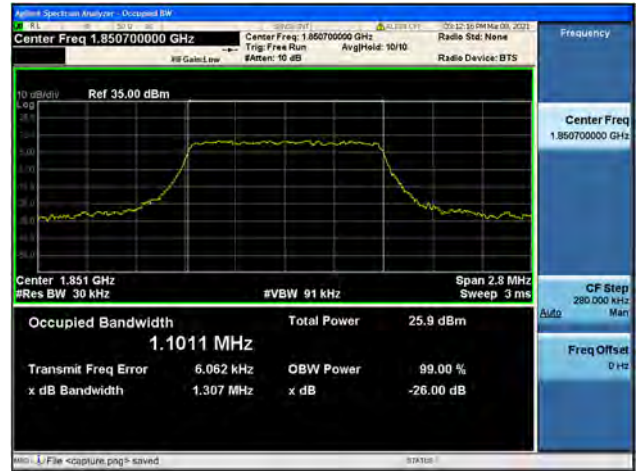




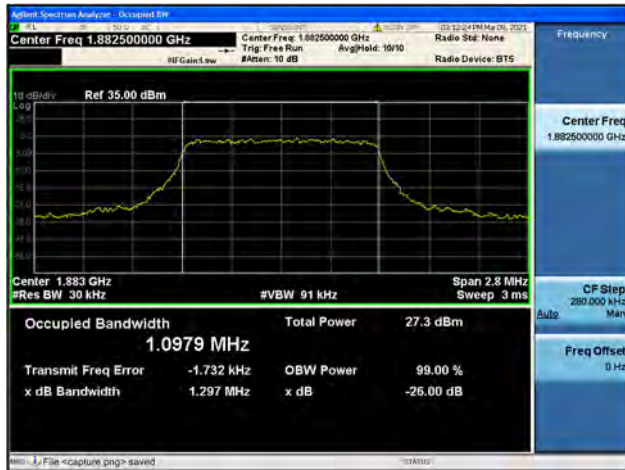
Band25 / 1.4MHz / Low CH / QPSK



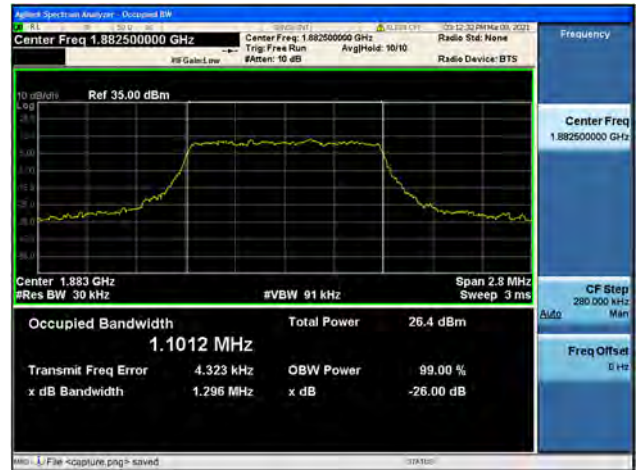
Band25 / 1.4MHz / Low CH / 16QAM



Band25 / 1.4MHz / Mid CH / QPSK



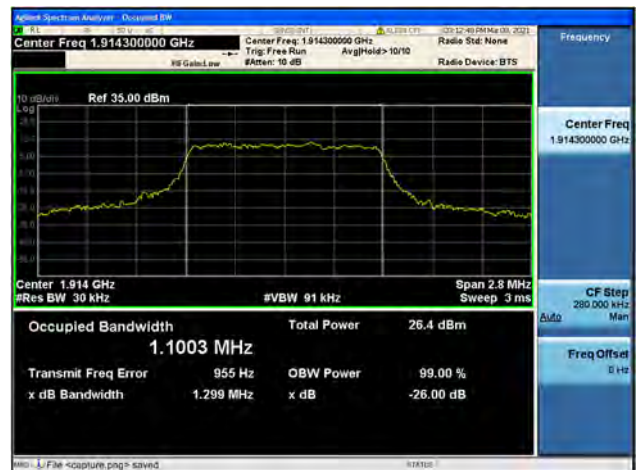
Band25 / 1.4MHz / Mid CH / 16QAM



Band25 / 1.4MHz / High CH / QPSK



Band25 / 1.4MHz / High CH / 16QAM

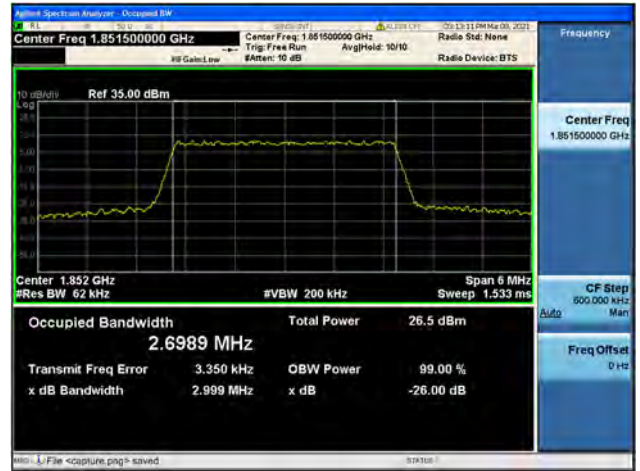




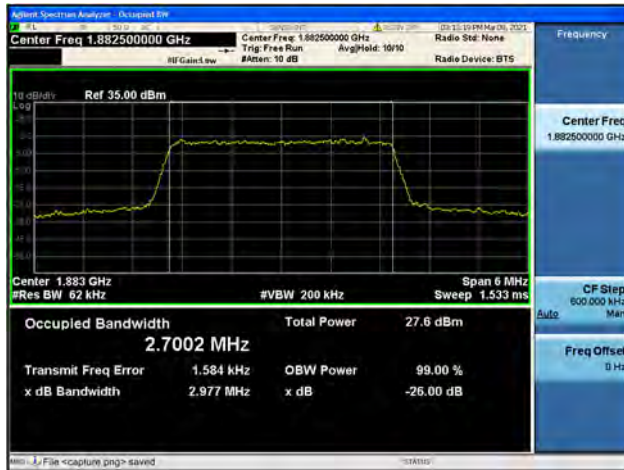
Band25 / 3MHz / Low CH / QPSK



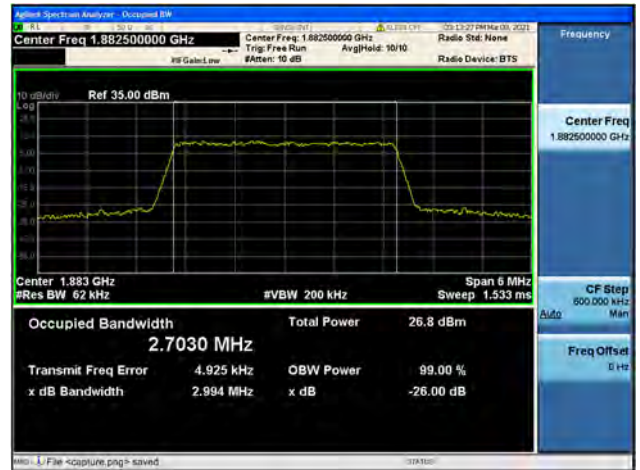
Band25 / 3MHz / Low CH / 16QAM



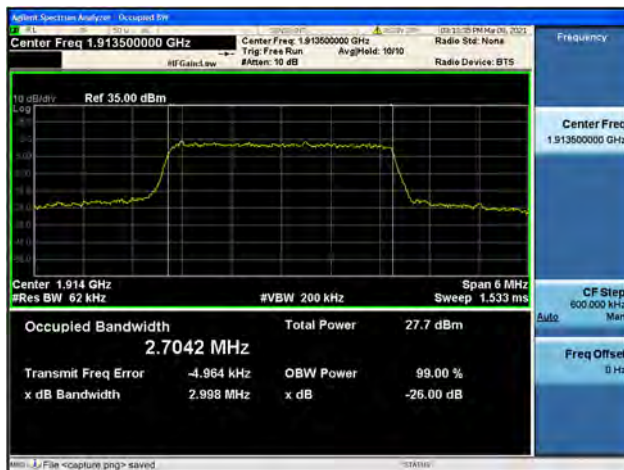
Band25 / 3MHz / Mid CH / QPSK



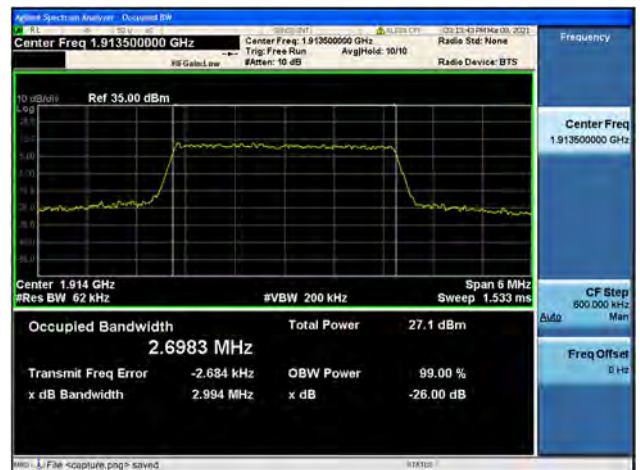
Band25 / 3MHz / Mid CH / 16QAM



Band25 / 3MHz / High CH / QPSK

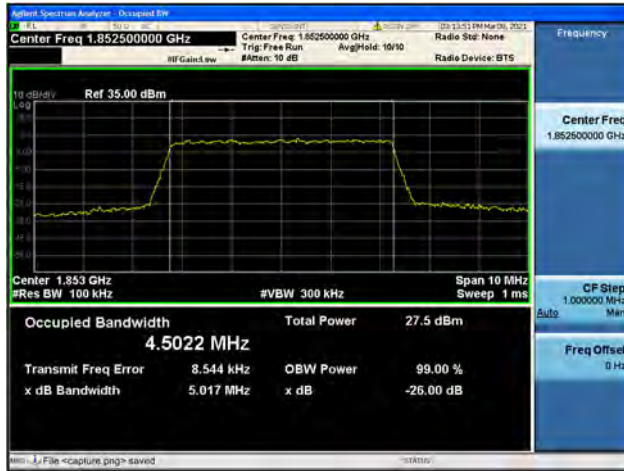


Band25 / 3MHz / High CH / 16QAM

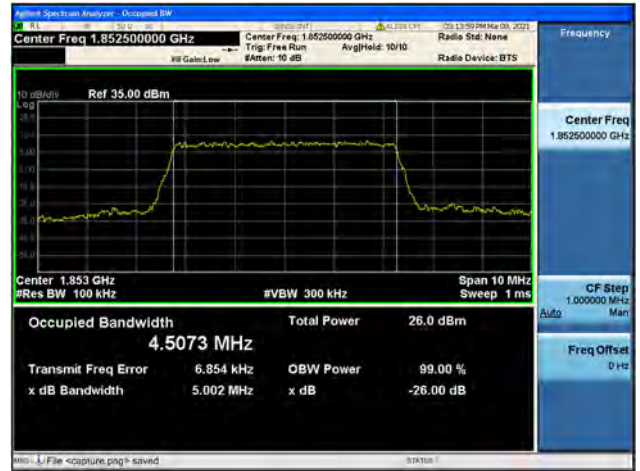




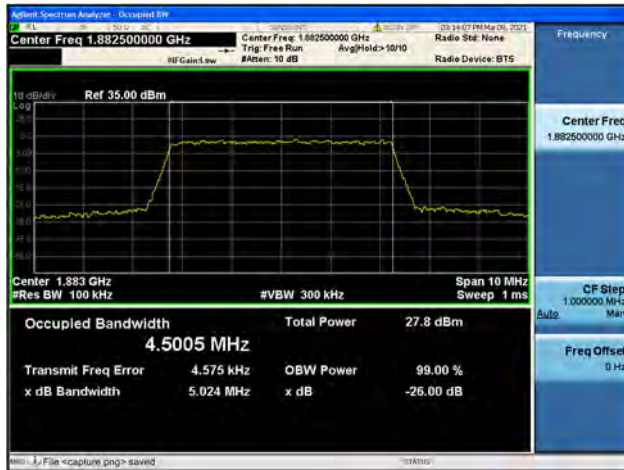
Band25 / 5MHz / Low CH / QPSK



Band25 / 5MHz / Low CH / 16QAM



Band25 / 5MHz / Mid CH / QPSK



Band25 / 5MHz / Mid CH / 16QAM

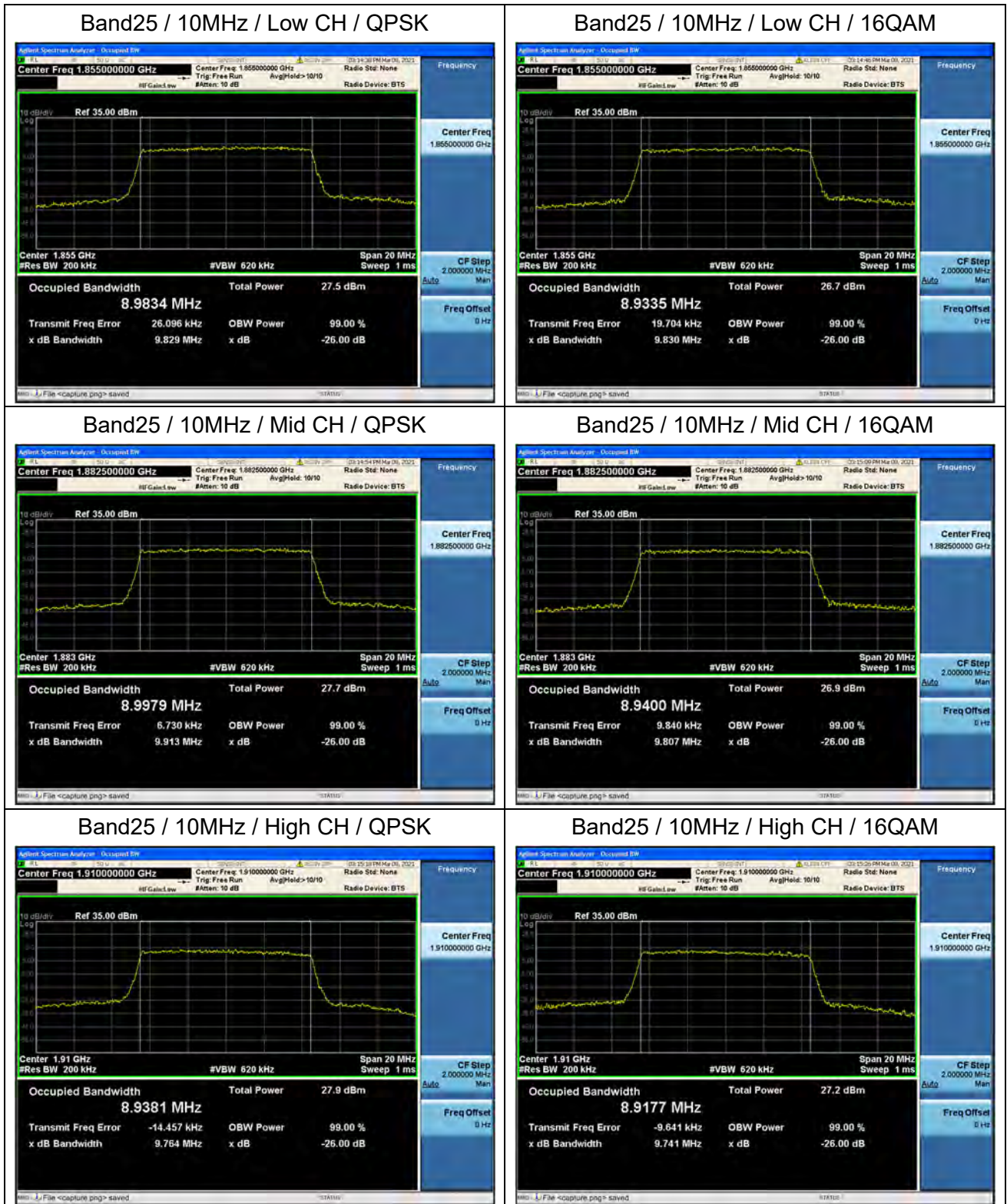


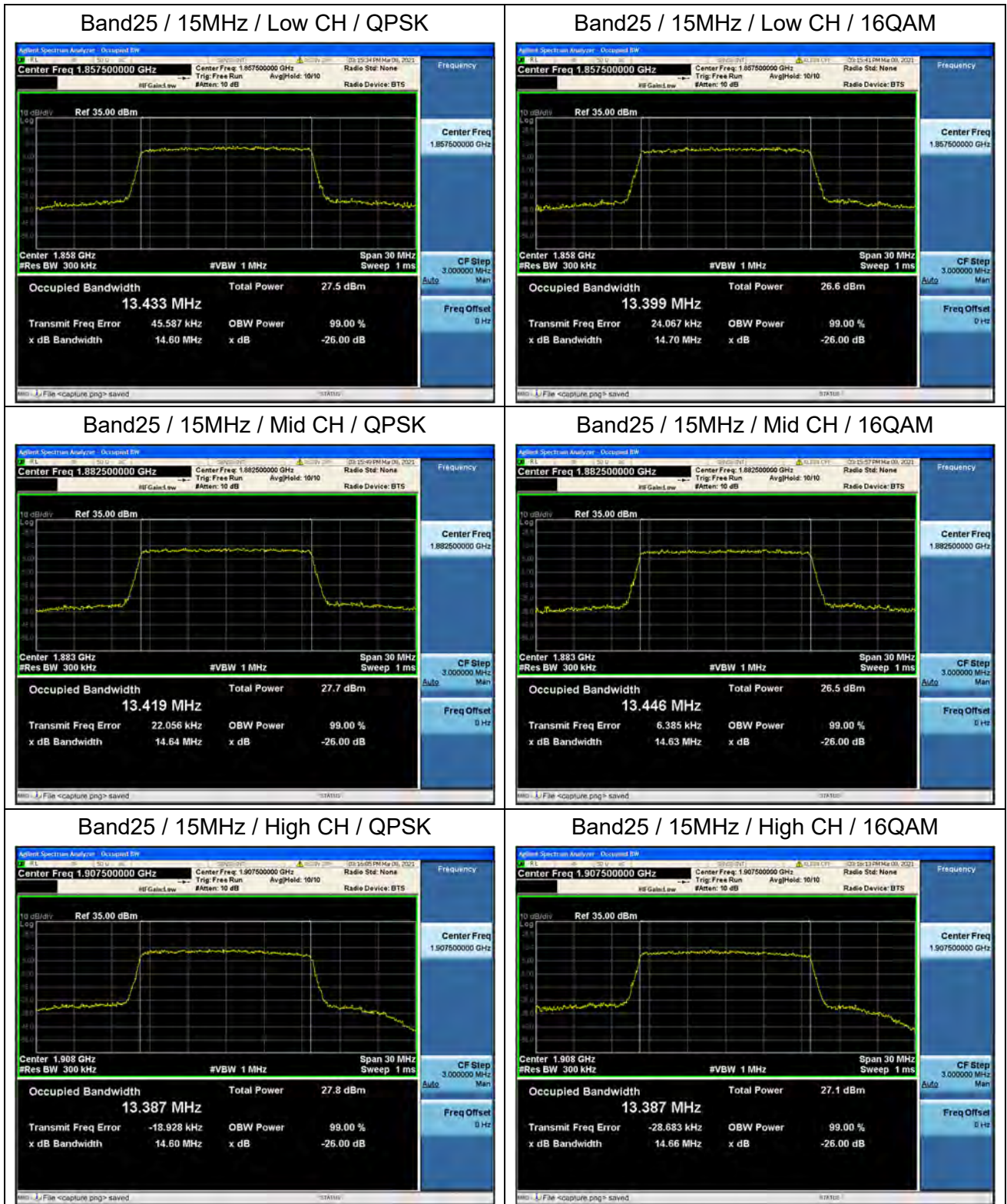
Band25 / 5MHz / High CH / QPSK



Band25 / 5MHz / High CH / 16QAM

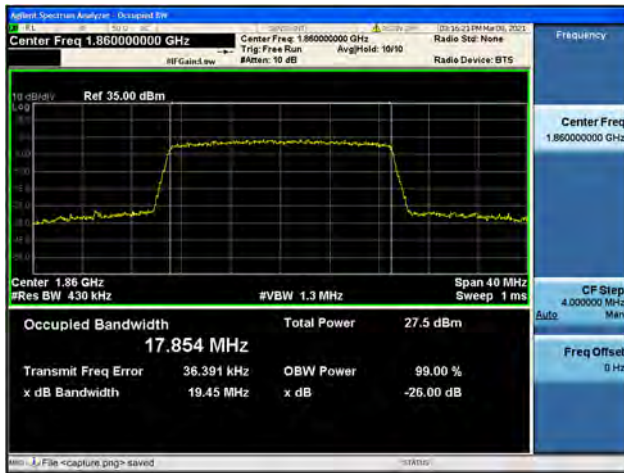








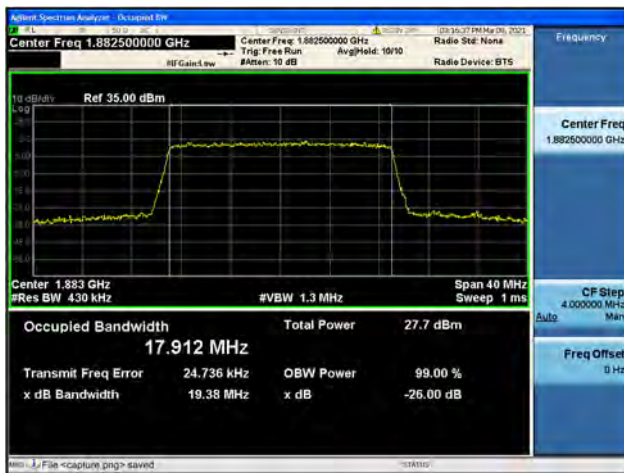
Band25 / 20MHz / Low CH / QPSK



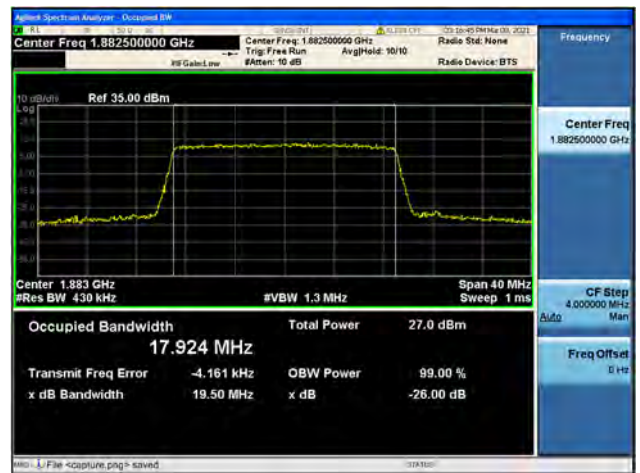
Band25 / 20MHz / Low CH / 16QAM



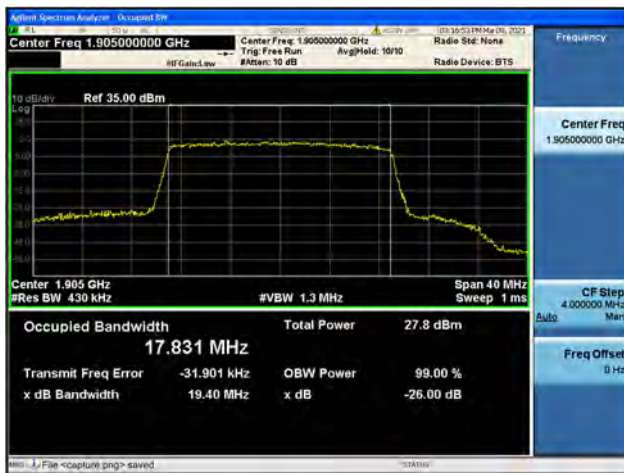
Band25 / 20MHz / Mid CH / QPSK



Band25 / 20MHz / Mid CH / 16QAM

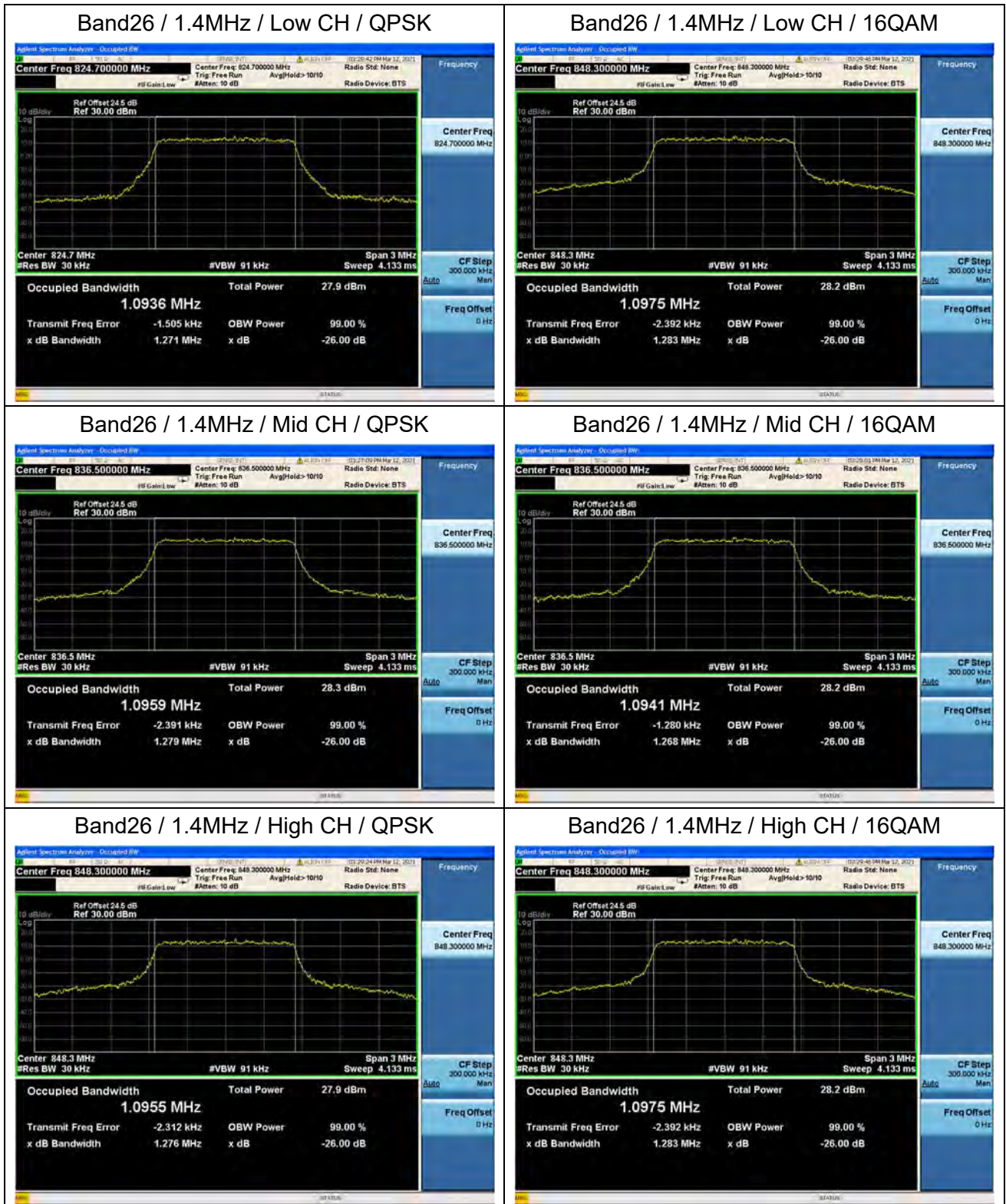


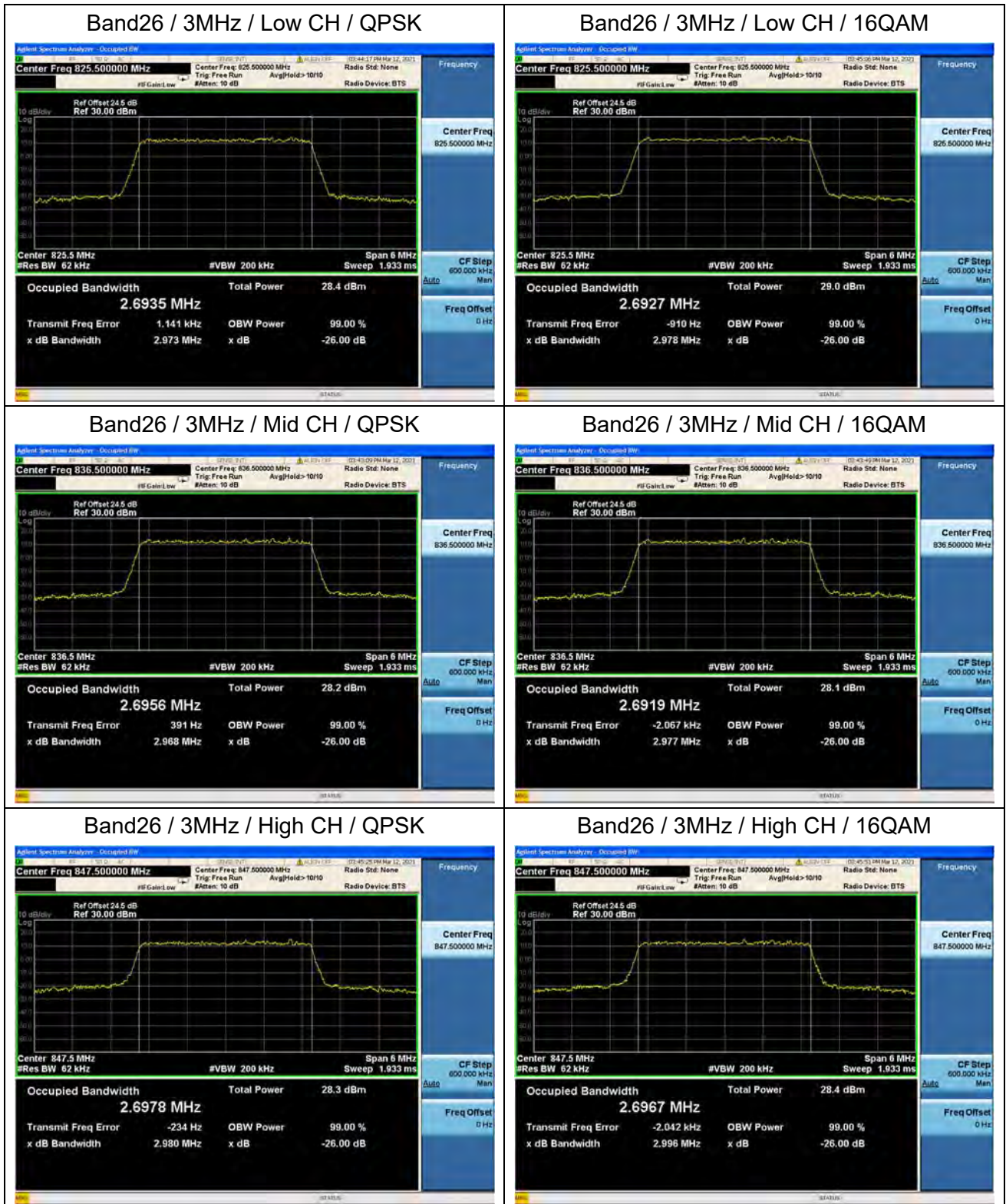
Band25 / 20MHz / High CH / QPSK

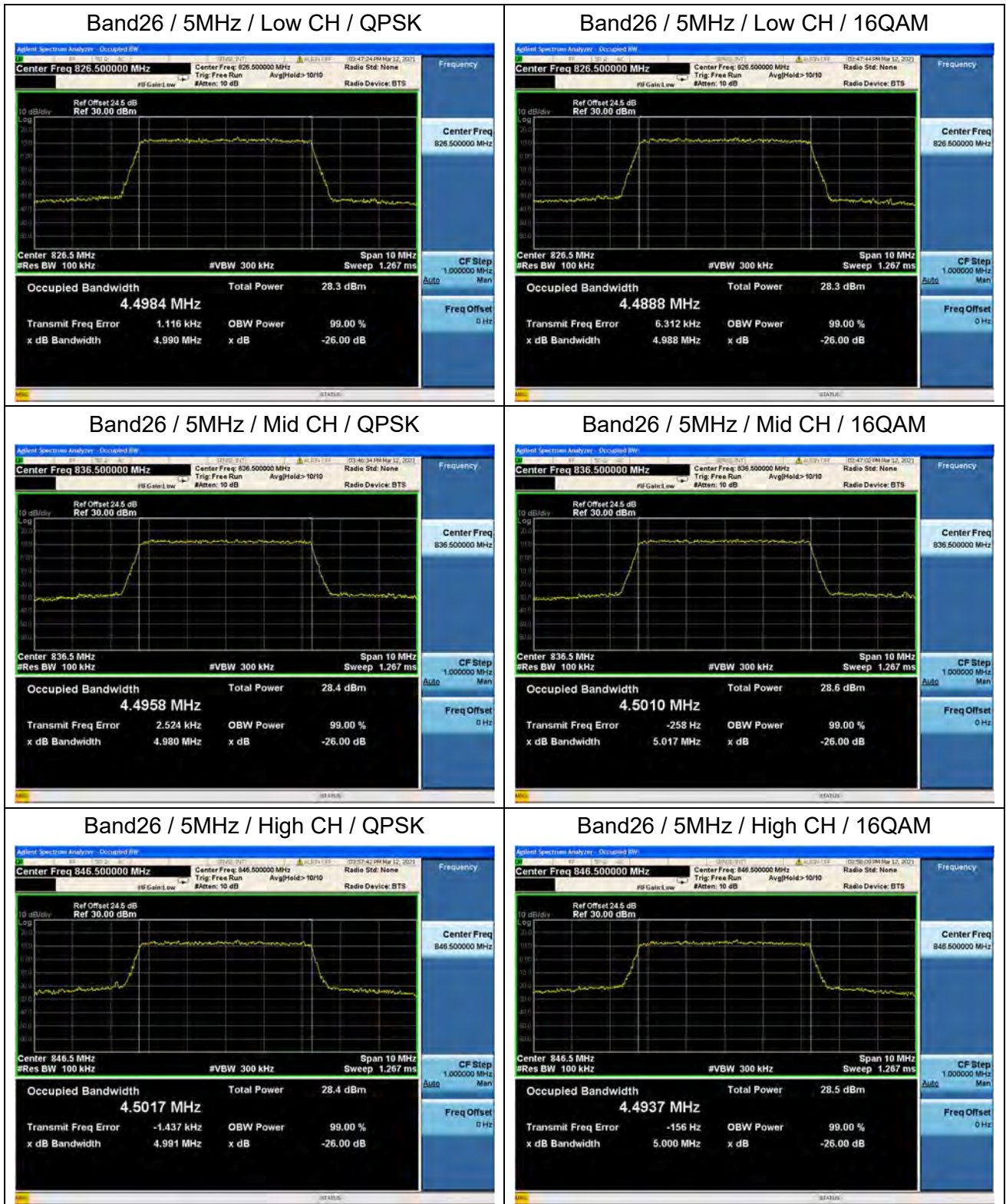


Band25 / 20MHz / High CH / 16QAM



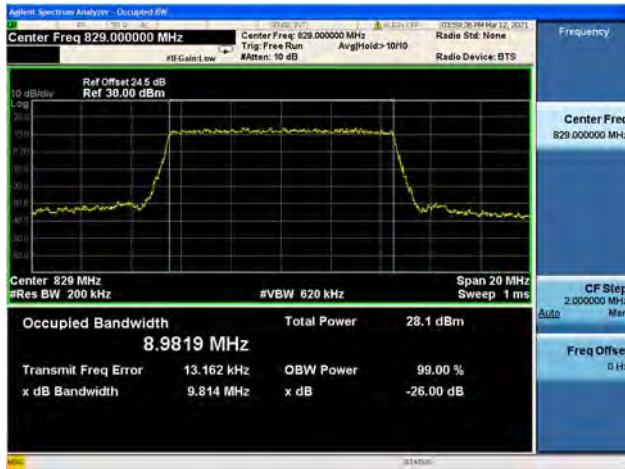




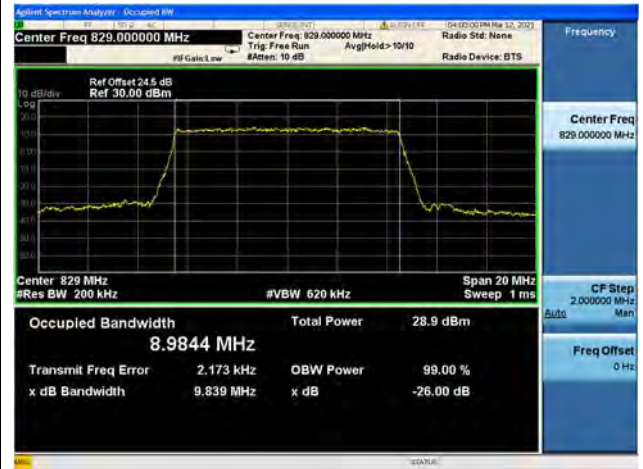




Band26 / 10MHz / Low CH / QPSK



Band26 / 10MHz / Low CH / 16QAM



Band26 / 10MHz / Mid CH / QPSK



Band26 / 10MHz / Mid CH / 16QAM



Band26 / 10MHz / High CH / QPSK

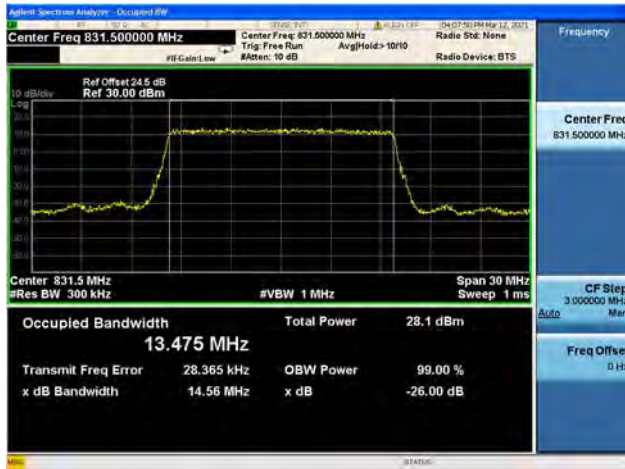


Band26 / 10MHz / High CH / 16QAM

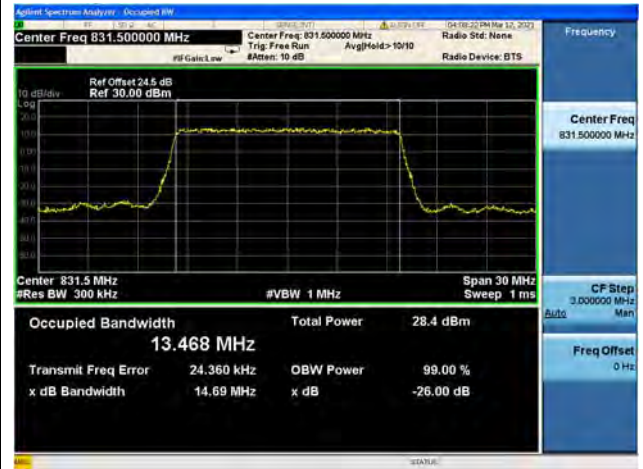




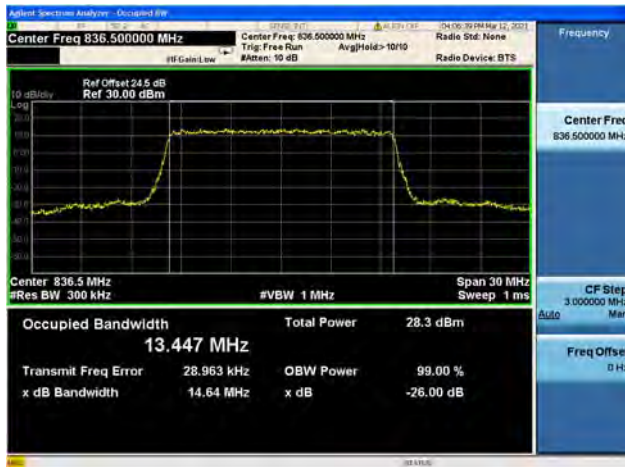
Band26 / 15MHz / Low CH / QPSK



Band26 / 15MHz / Low CH / 16QAM



Band26 / 15MHz / Mid CH / QPSK



Band26 / 15MHz / Mid CH / 16QAM



Band26 / 15MHz / High CH / QPSK

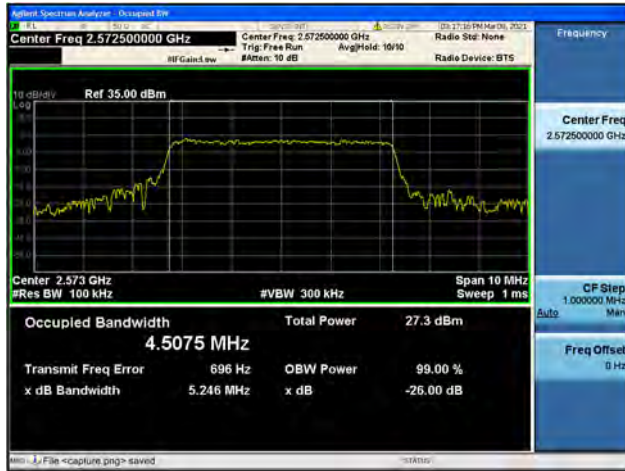


Band26 / 15MHz / High CH / 16QAM





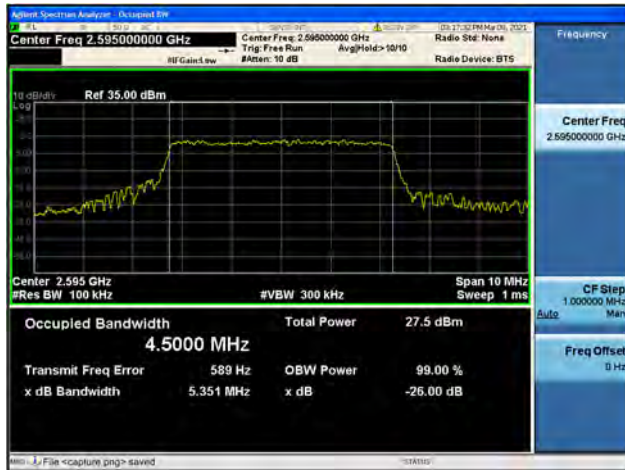
Band38 / 5MHz / Low CH / QPSK



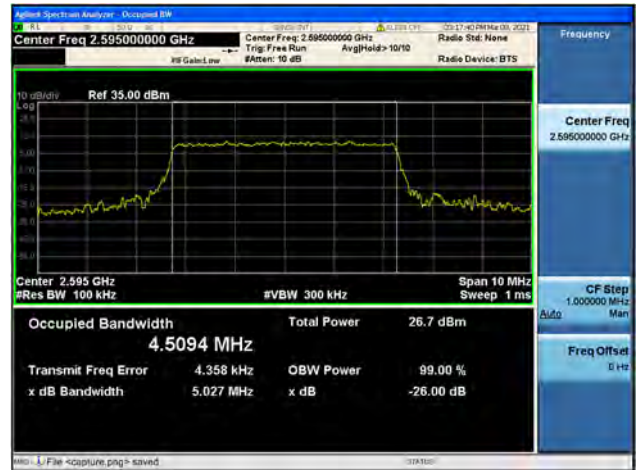
Band38 / 5MHz / Low CH / 16QAM



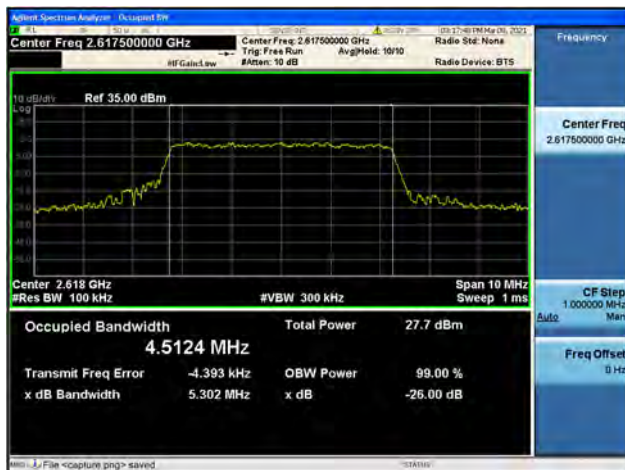
Band38 / 5MHz / Mid CH / QPSK



Band38 / 5MHz / Mid CH / 16QAM



Band38 / 5MHz / High CH / QPSK

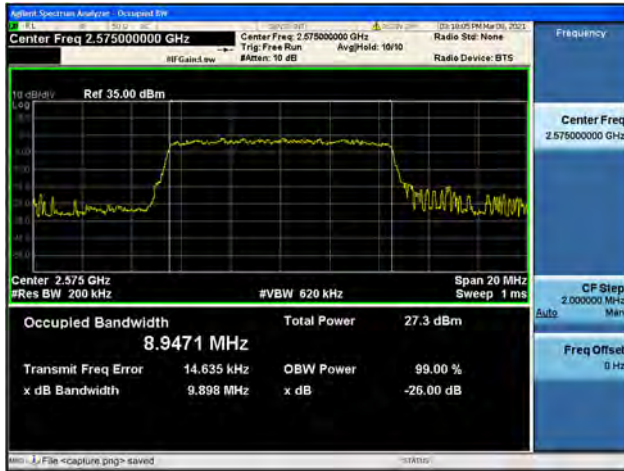


Band38 / 5MHz / High CH / 16QAM





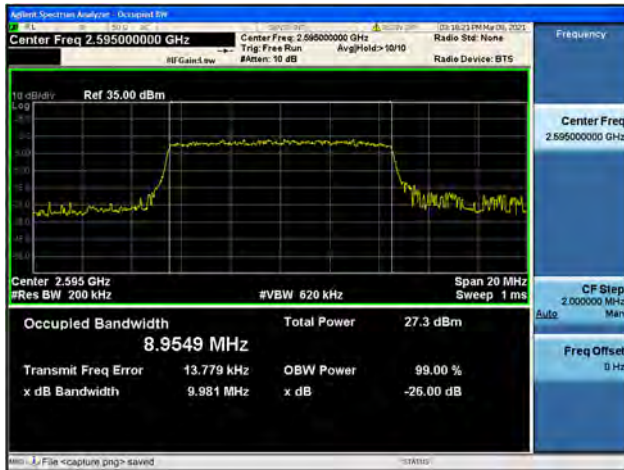
Band38 / 10MHz / Low CH / QPSK



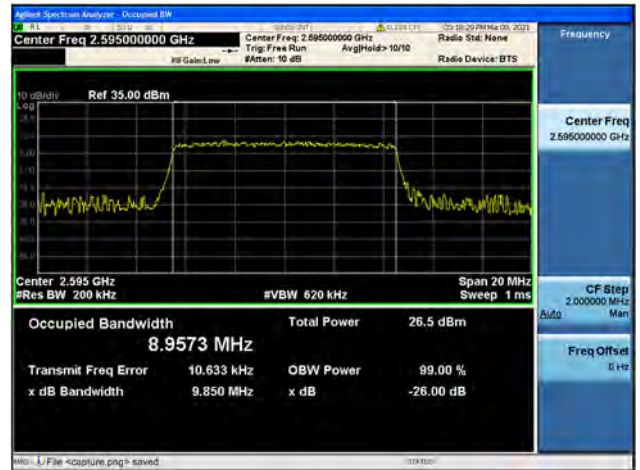
Band38 / 10MHz / Low CH / 16QAM



Band38 / 10MHz / Mid CH / QPSK



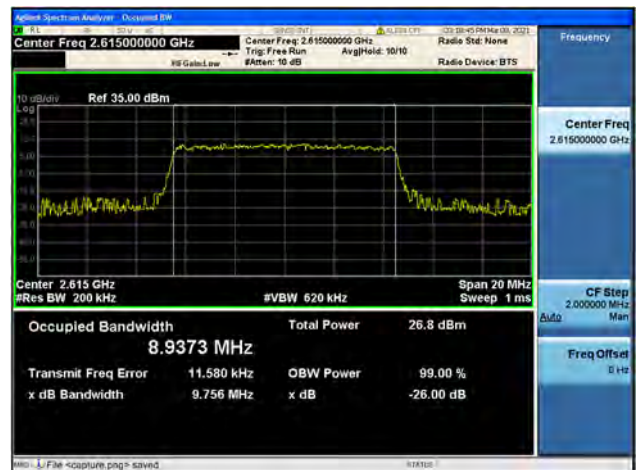
Band38 / 10MHz / Mid CH / 16QAM



Band38 / 10MHz / High CH / QPSK

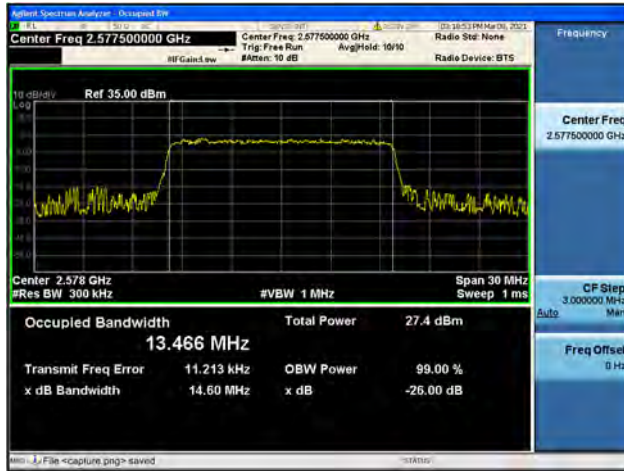


Band38 / 10MHz / High CH / 16QAM

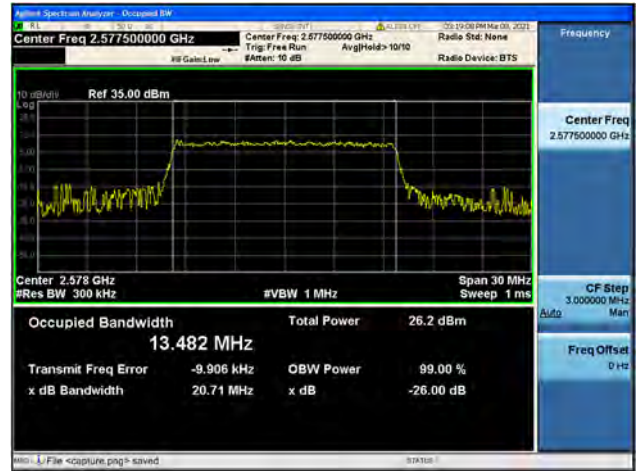




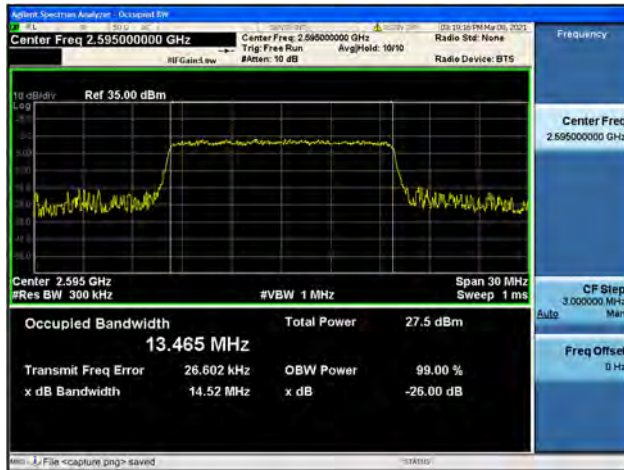
Band38 / 15MHz / Low CH / QPSK



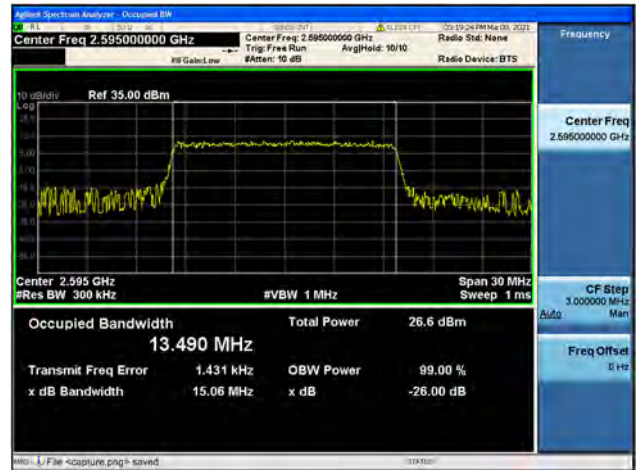
Band38 / 15MHz / Low CH / 16QAM



Band38 / 15MHz / Mid CH / QPSK



Band38 / 15MHz / Mid CH / 16QAM



Band38 / 15MHz / High CH / QPSK

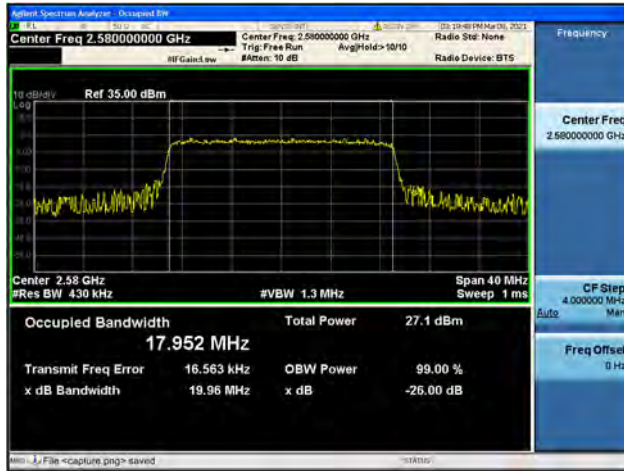


Band38 / 15MHz / High CH / 16QAM





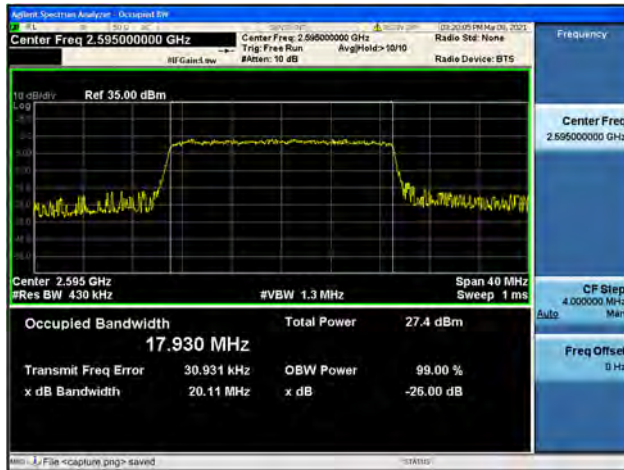
Band38 / 20MHz / Low CH / QPSK



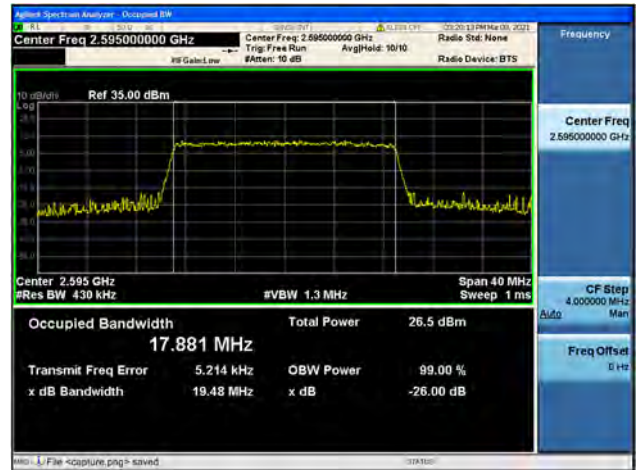
Band38 / 20MHz / Low CH / 16QAM



Band38 / 20MHz / Mid CH / QPSK



Band38 / 20MHz / Mid CH / 16QAM



Band38 / 20MHz / High CH / QPSK

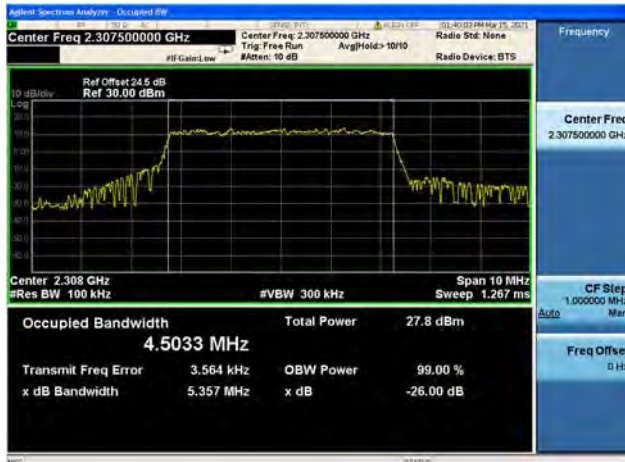


Band38 / 20MHz / High CH / 16QAM





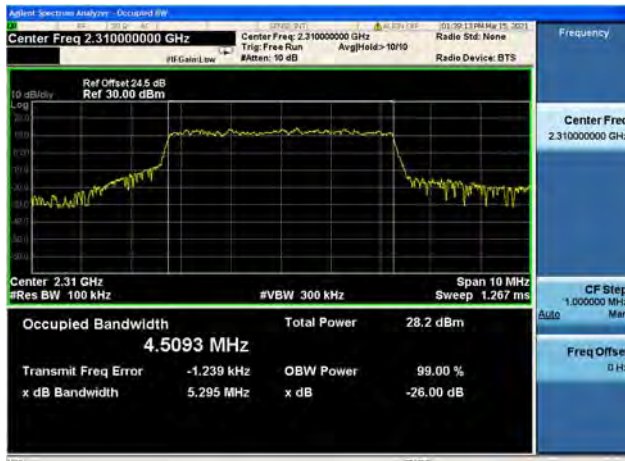
Band40/ Block A / 5MHz / Low CH / QPSK



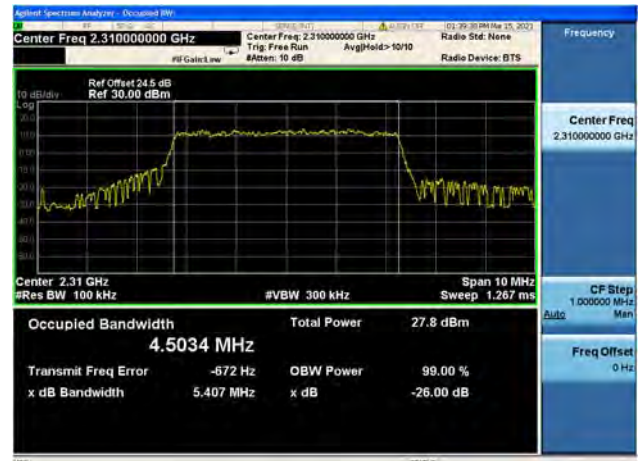
Band40/ Block A / 5MHz / Low CH / 16QAM



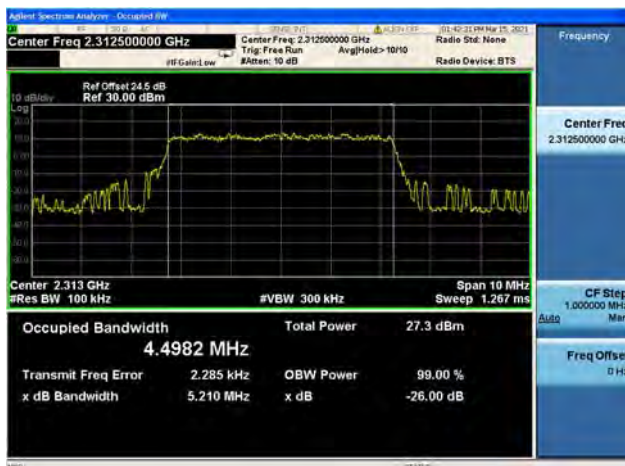
Band40/ Block A / 5MHz / Mid CH / QPSK



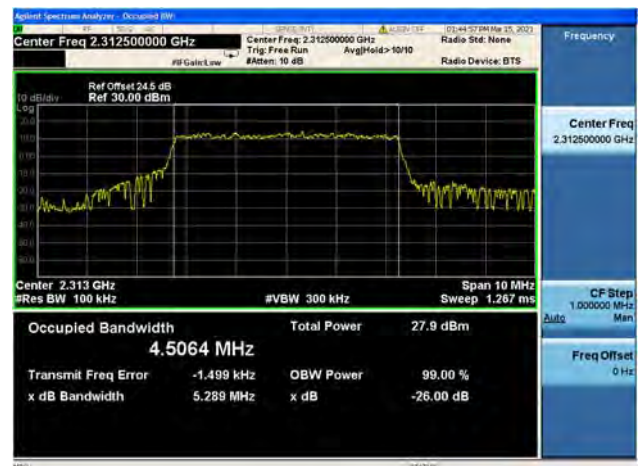
Band40/ Block A / 5MHz / Mid CH / 16QAM



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



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

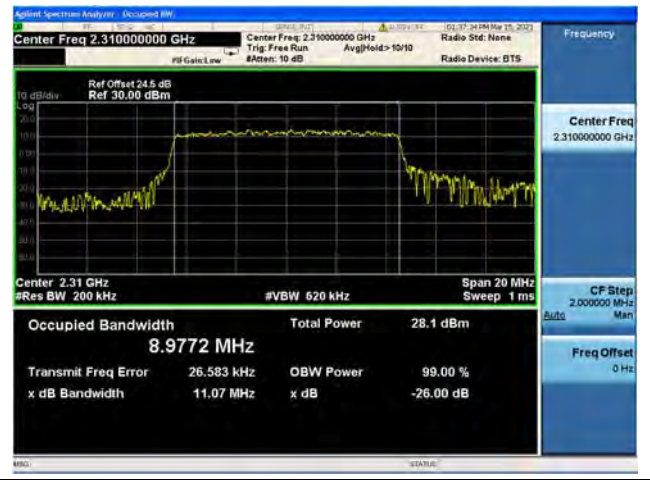




Band40/ Block A / 10MHz / Mid CH / QPSK

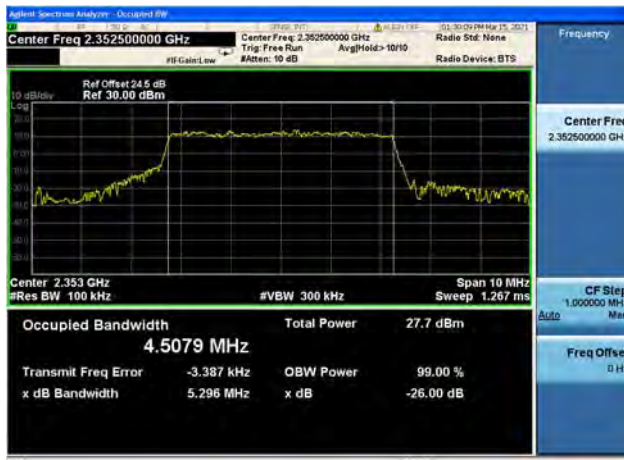


Band40/ Block A / 10MHz / Mid CH / 16QAM





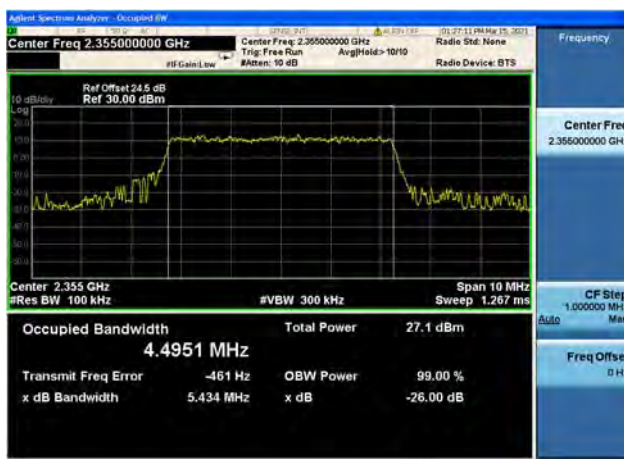
Band40/ Block B / 5MHz / Low CH / QPSK



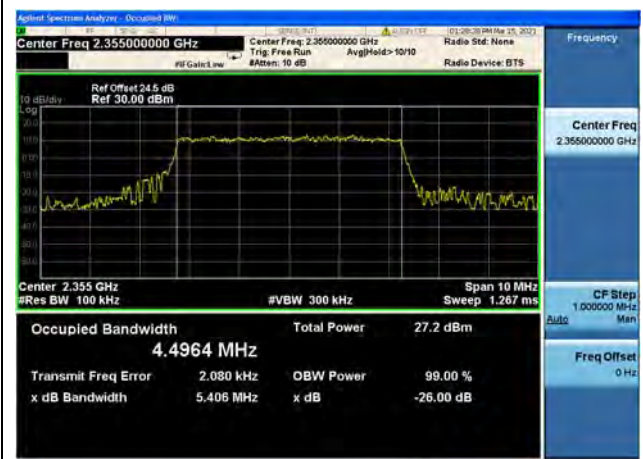
Band40/ Block B / 5MHz / Low CH / 16QAM



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



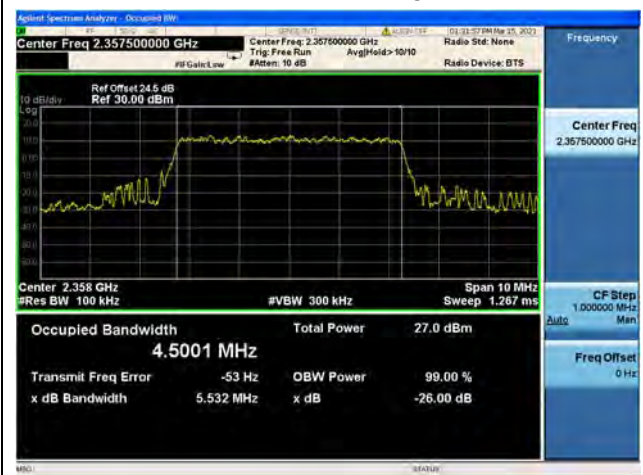
Band40/ Block B / 5MHz / Mid CH / 16QAM

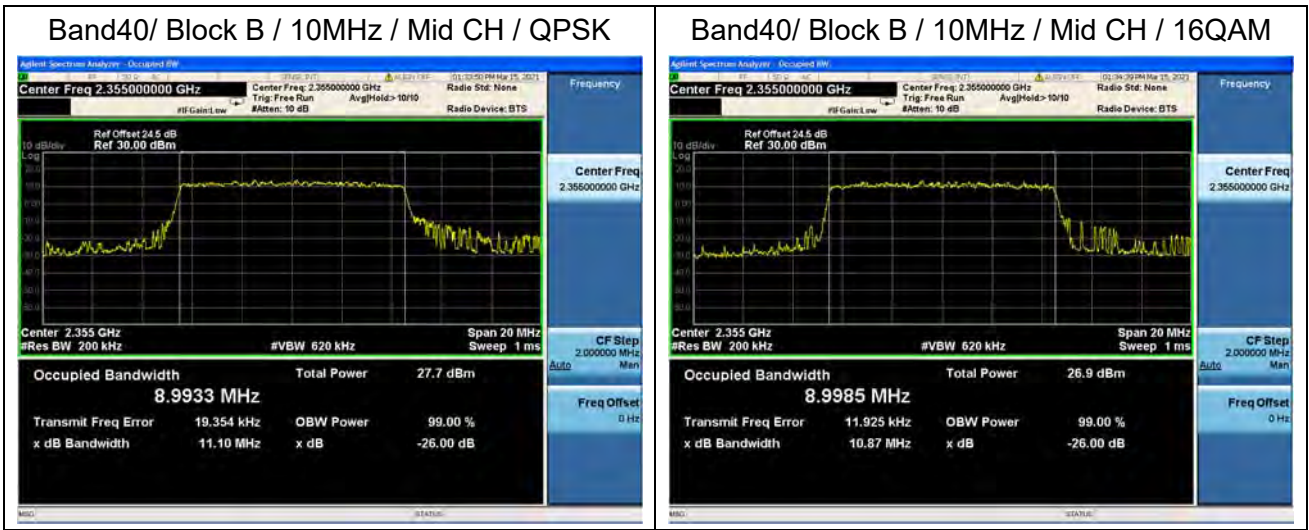


Band40/ Block B / 5MHz / High CH / QPSK



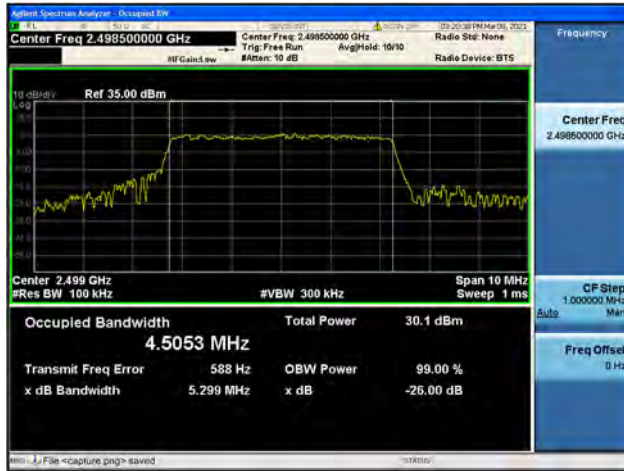
Band40/ Block B / 5MHz / High CH / 16QAM



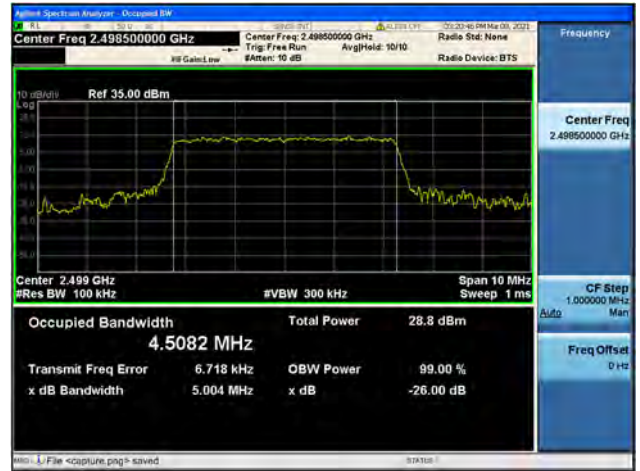




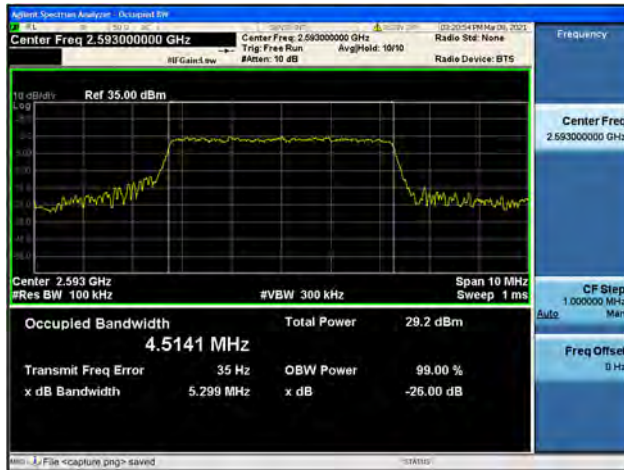
Band41 / 5MHz / Low CH / QPSK



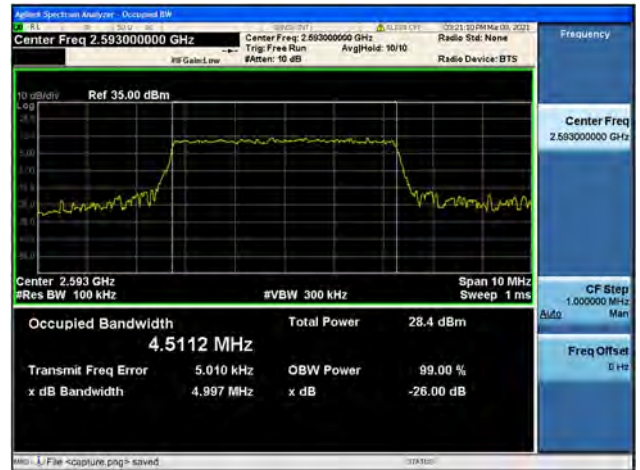
Band41 / 5MHz / Low CH / 16QAM



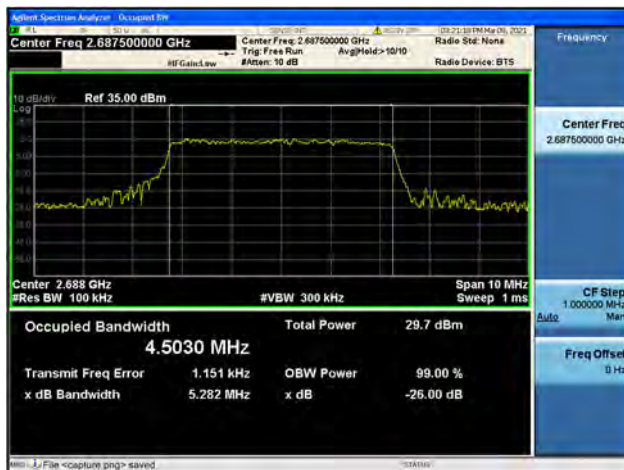
Band41 / 5MHz / Mid CH / QPSK



Band41 / 5MHz / Mid CH / 16QAM



Band41 / 5MHz / High CH / QPSK

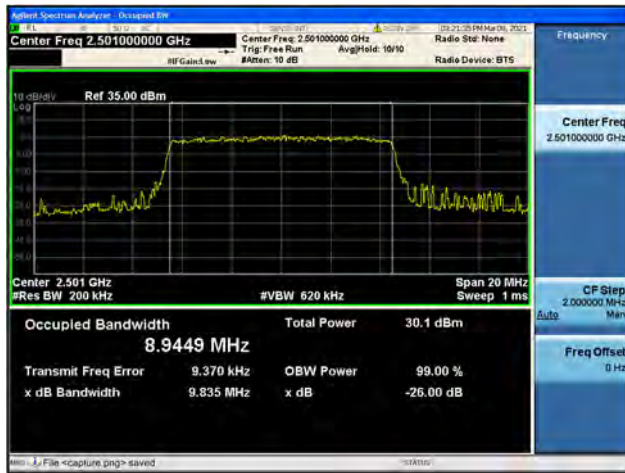


Band41 / 5MHz / High CH / 16QAM





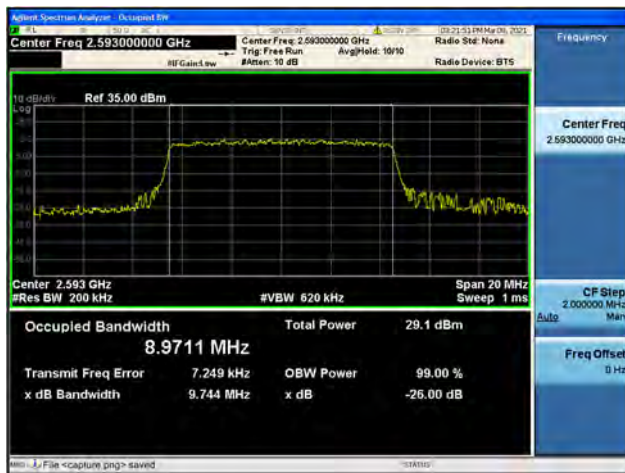
Band41 / 10MHz / Low CH / QPSK



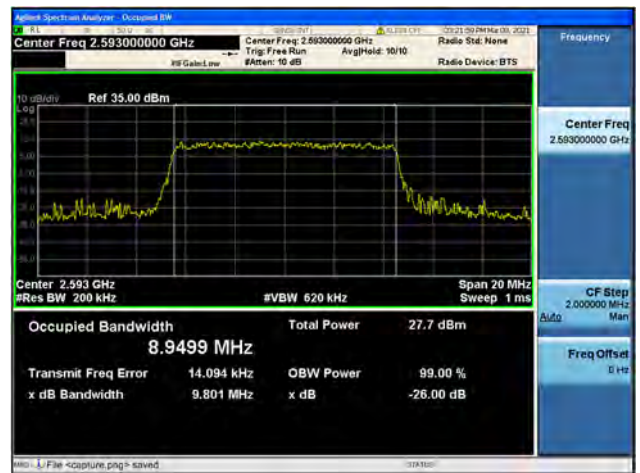
Band41 / 10MHz / Low CH / 16QAM



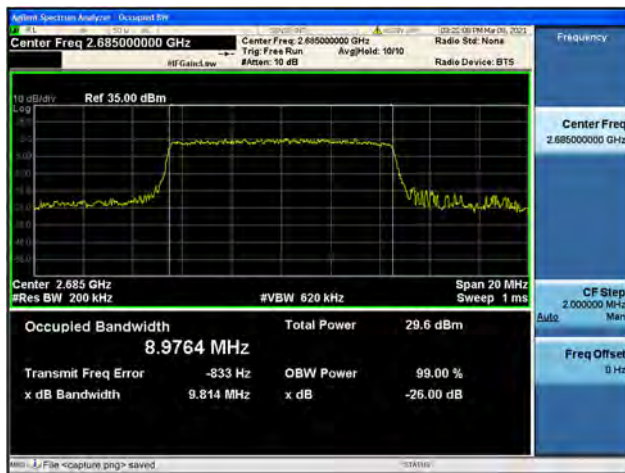
Band41 / 10MHz / Mid CH / QPSK



Band41 / 10MHz / Mid CH / 16QAM



Band41 / 10MHz / High CH / QPSK



Band41 / 10MHz / High CH / 16QAM

