TEST REPORT

APPLICANT	:	Reliance Communications LLC
PRODUCT NAME	:	Orbic Speed X
MODEL NAME	:	RC400LX
BRAND NAME	:	Orbic, Kajeet
FCC ID	:	2ABGH-RC400LX
STANDARD(S)	:	47 CFR Part 22, Subpart H 47 CFR Part 24, Subpart E 47 CFR Part 27, Subpart D&H&L&M 47 CFR Part 90, Subpart R
RECEIPT DATE	:	2020-04-17
TEST DATE	:	2020-04-17 to 2020-07-14
ISSUE DATE	:	2020-07-20

Edited by: He Dekuan (Rapporteur)

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Change History		
Issue	**Date**	**Reason for change**
1.0	2020-07-15	First edition
2.0	2020-07-20	Change section 1.3 LTE Band 41 Maximum ERP/EIRP and Emission Designator information

1. Technical Information

Note: Provide by applicant.

1.1. Applicant and Manufacturer Information

Applicant:	Reliance Communications LLC
Applicant Address:	91 Colin Drive, Unit 1, HOLBROOK, New York 11741, United States
Manufacturer:	Unimaxcomm
ManufacturerAddress:	Room 602, Floor 6th, Building B, Software Park T3,Hi-Tech Park South, Nanshan District, Shenzhen, P.R. China

1.2. Equipment Under Test (EUT) Description

Product Name:	Orbic Speed X
Hardware Version:	V1.1
Software Version:	ORB400LX_V1.0.2_BVZNAKJ
Modulation Type:	QPSK, 16QAM
Operation Band:	Band 2 / 4 / 5 / 7 / 12 / 14 / 17 / 25 / 26 / 30 / 41 / 66 / 71

Frequency Range:	LTE Band 2	Tx: 1850MHz – 1910MHz
		Rx: 1930MHz – 1990MHz
	LTE Band 4	Tx: 1710MHz – 1755MHz
		Rx: 2110MHz – 2155MHz
	LTE Band 5	Tx: 824MHz – 849MHz
		Rx: 869MHz – 894MHz
	LTE Band 7	Tx: 2500MHz – 2570MHz
		Rx: 2620MHz – 2690MHz
	LTE Band 12	Tx: 699MHz – 716MHz
		Rx: 729MHz – 746MHz
	LTE Band 14	Tx: 788MHz – 798MHz
		Rx: 758MHz – 768MHz
	LTE Band 17	Tx: 704MHz – 716MHz
		Rx: 734MHz – 746MHz
	LTE Band 25	Tx: 1850MHz – 1915MHz
		Rx: 1930MHz – 1995MHz
	LTE Band 26	Tx: 824MHz – 849MHz
		Rx: 869MHz – 894MHz
	LTE Band 30	Tx: 2305MHz – 2315MHz
		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	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
	LTE Band 4	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
	LTE Band 5	1.4MHz, 3MHz, 5MHz, 10MHz
	LTE Band 7	5 MHz, 10MHz, 15MHz, 20MHz
	LTE Band 12	1.4MHz, 3MHz, 5MHz, 10MHz
	LTE Band 14	5MHz, 10MHz
	LTE Band 17	5MHz, 10MHz
	LTE Band 25	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
	LTE Band 26	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz
	LTE Band 30	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 Gain:	LTE Band 2	1.50 dBi
	LTE Band 4	1.50 dBi
	LTE Band 5	1.00 dBi
	LTE Band 7	2.00 dBi
	LTE Band 12	0.50 dBi
	LTE Band 14	0.50 dBi
	LTE Band 17	0.50 dBi
	LTE Band 25	1.50 dBi
	LTE Band 26	1.00 dBi
	LTE Band 30	2.00 dBi
	LTE Band 41	2.00 dBi
	LTE Band 66	1.50 dBi
	LTE Band 71	0.50 dBi

Accessory Information:	Battery	
	Brand Name:	Orbic
	Model No.:	BTE-3003
	Capacity:	3000 mAh
	Rated Voltage:	3.7 V
	Charge Limit:	4.2 V
	AC Adapter	
	Brand Name:	Orbic
	Model No.:	TPA-5950100UU
	Rated Input:	100-240V ～ 50/60Hz 0.2A
	Rated Output:	5V⎓1.0A

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

Note 2: This test report is updated from the original report (Report No.: SZ20040157W02, Model: RC400L). According to the previous similarity, only modify the product name, model, software and hardware version; Add a brand; Add 3G/4G RF front end components (added UMTS Band 4 and LTE Band 7/12/14/17/25/26/30/41/71); Disable LTE Band 13 (Remove LTE Band 13 components); Disable WiFi MIMO function and change to SISO (Remove one WiFi connector and related components), the WiFi chip and circuit are the same as before. We evaluated and tested the above changes.

1.3. Maximum ERP/EIRP and Emission Designator

LTE Band2	Maximum ERP/EIRP（W）		Emission Designator (99%OBW)	
BW(MHz)	QPSK	16QAM	QPSK	16QAM
20	0.304	0.244	17M9G7D	18M0W7D
15	0.299	0.241	13M5G7D	13M5W7D
10	0.300	0.236	8M99G7D	8M94W7D
5	0.291	0.243	4M51G7D	4M51W7D
3	0.286	0.234	2M71G7D	2M71W7D
1.4	0.292	0.238	1M10G7D	1M10W7D
LTE Band4	**Maximum ERP/EIRP（W）**		**Emission Designator (99%OBW)**	
BW(MHz)	QPSK	16QAM	QPSK	16QAM
20	0.200	0.160	18M0G7D	18M0W7D
15	0.196	0.158	13M5G7D	13M5W7D
10	0.197	0.161	9M01G7D	8M96W7D
5	0.197	0.156	4M51G7D	4M51W7D
3	0.193	0.153	2M7G7D	2M71W7D
1.4	0.191	0.159	1M10G7D	1M10W7D
LTE Band5	**Maximum ERP/EIRP（W）**		**Emission Designator (99%OBW)**	
BW(MHz)	QPSK	16QAM	QPSK	16QAM
10	0.112	0.083	8M99G7D	8M95W7D
5	0.111	0.087	4M5G7D	4M51W7D
3	0.110	0.086	2M7G7D	2M71W7D
1.4	0.110	0.087	1M10G7D	1M10W7D
LTE Band7	**Maximum ERP/EIRP（W）**		**Emission Designator (99%OBW)**	
BW(MHz)	QPSK	16QAM	QPSK	16QAM
20	0.354	0.288	18M0G7D	17M9W7D
15	0.349	0.291	13M5G7D	13M5W7D
10	0.344	0.286	8M99G7D	8M96W7D
5	0.348	0.279	4M51G7D	4M51W7D

LTE Band12	Maximum ERP/EIRP（W）		Emission Designator (99%OBW)	
BW(MHz)	QPSK	16QAM	QPSK	16QAM
10	0.205	0.157	9M00G7D	8M95W7D
5	0.201	0.153	4M5G7D	4M51W7D
3	0.191	0.159	2M7G7D	2M71W7D
1.4	0.139	0.112	1M10G7D	1M10W7D
LTE Band14	**Maximum ERP/EIRP（W）**		**Emission Designator (99%OBW)**	
BW(MHz)	QPSK	16QAM	QPSK	16QAM
10	0.253	0.204	8M93G7D	8M90W7D
5	0.252	0.195	4M50G7D	4M50W7D
LTE Band17	**Maximum ERP/EIRP（W）**		**Emission Designator (99%OBW)**	
BW(MHz)	QPSK	16QAM	QPSK	16QAM
10	0.134	0.106	9M85G7D	8M96W7D
5	0.134	0.100	4M51G7D	4M51W7D
LTE Band25	**Maximum ERP/EIRP（W）**		**Emission Designator (99%OBW)**	
BW(MHz)	QPSK	16QAM	QPSK	16QAM
20	0.363	0.279	17M9G7D	18M0W7D
15	0.359	0.294	13M4G7D	13M5W7D
10	0.363	0.291	9M00G7D	8M96W7D
5	0.360	0.280	4M51G7D	4M51W7D
3	0.362	0.277	2M70G7D	2M70W7D
1.4	0.362	0.281	1M10G7D	1M10W7D

LTE Band26	Maximum ERP/EIRP（W）		Emission Designator (99%OBW)	
BW(MHz)	QPSK	16QAM	QPSK	16QAM
15	0.212	0.158	13M5G7D	13M5W7D
10	0.211	0.157	8M98G7D	8M99W7D
5	0.210	0.156	4M50G7D	4M51W7D
3	0.211	0.157	2M70G7D	2M70W7D
1.4	0.205	0.152	1M100G7D	1M10W7D
LTE Band30	**Maximum ERP/EIRP（W）**		**Emission Designator (99%OBW)**	
BW(MHz)	QPSK	16QAM	QPSK	16QAM
10	0.132	0.100	8M97G7D	8M95W7D
5	0.125	0.098	5M20G7D	4M50W7D
LTE Band41	**Maximum ERP/EIRP（W）**		**Emission Designator (99%OBW)**	
BW(MHz)	QPSK	16QAM	QPSK	16QAM
20	0.373	0.271	18M0G7D	17M9W7D
15	0.362	0.267	13M5G7D	13M5W7D
10	0.366	0.262	8M98G7D	8M96W7D
5	0.364	0.256	4M51G7D	4M51W7D
LTE Band66	**Maximum ERP/EIRP（W）**		**Emission Designator (99%OBW)**	
BW(MHz)	QPSK	16QAM	QPSK	16QAM
20	0.200	0.166	17M9G7D	18M0W7D
15	0.196	0.159	13M5G7D	13M4W7D
10	0.199	0.164	8M98G7D	8M95W7D
5	0.195	0.160	4M50G7D	4M50W7D
3	0.187	0.159	2M69G7D	2M70W7D
1.4	0.191	0.166	1M09G7D	1M10W7D
LTE Band71	**Maximum ERP/EIRP（W）**		**Emission Designator (99%OBW)**	
BW(MHz)	QPSK	16QAM	QPSK	16QAM
20	0.129	0.101	17M9G7D	17M9W7D
15	0.129	0.095	13M5G7D	13M4W7D
10	0.125	0.103	8M97G7D	8M95W7D
5	0.128	0.105	4M50G7D	4M50W7D

1.4. Test Standards and Results

The objective of the report is to perform testing according to Part 2,Part 22, Part 24, Part 27 and Part 90 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
5	47 CFR Part 90	PRIVATE LAND MOBILE RADIO SERVICES

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

Section	Description	Test Date	Test Engineer	Result	Method Determination /Remark
2.1046, 22.913(a)(2), 24.232(c),27.50(c)(10) 27.50(d)(4),27.50(h)(2) 27.50(a)(3),90.542	Transmitter Conducted Output Power and ERP/EIRP	Apr 20, to July 10, 2020	Chen Hao	PASS	No deviation
2.1049, 90.209, 90.543(d)	Occupied Bandwidth	Apr 20 to July 14, 2020	Zhou Xiaolong	PASS	No deviation
2.1055, 22.355, 24.235, 27.54, 90.539	Frequency Stability	Apr 20 to July 13, 2020	Zhou Xiaolong	PASS	No deviation
24.232(d), 27.50(d)(5)	Peak to Average Radio	Apr 20 to July 14, 2020	Zhou Xiaolong	PASS	No deviation
2.1051, 22.917(a), 24.238, 27.53(g)(h) 27.53(m)(4)(a)(4) 90.543(c)	Conducted Spurious Emissions	Apr 20 to July 14, 2020	Zhou Xiaolong	PASS	No deviation
2.1051, 22.917(a), 24.238, 27.53(g)(h) 27.53(m)(4)(a)(4), 90.543(c)	Band Edge	Apr 20 to July 14, 2020	Zhou Xiaolong	PASS	No deviation
2.1051, 22.917(a), 24.238, 27.53(g)(h) 27.53(m)(4)(a)(4), 90.543(c)	Radiated Spurious Emissions	Apr 20 to July 14, 2020	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 23.5dB contains two parts that cable loss 13.5dB and Attenuator 10dB.

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, 27D&H&L&M, and Part 90R Requirements

2.1. Transmitter Conducted Output Power And ERP/EIRP

2.1.1. Requirement

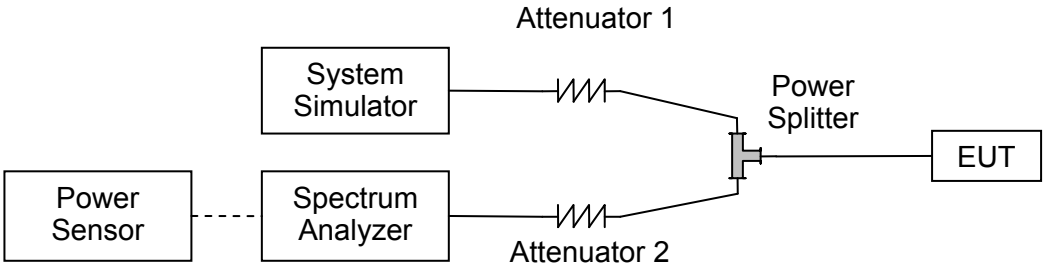
According to FCC section 2.1046(a), for transmitters other than single sideband, independent sideband and controlled carrier radiotelephone, power output shall be measured at the RF output terminals when the transmitter is adjusted in accordance with the tune-up procedure to give the values of current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

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

According to FCC section 24.232 (c) for LTE Band 2,Mobile and portable stations are limited to 2 watts EIRP and the equipment must employ a means for limiting power to the minimum necessary for successful communications.
According to FCC section 27.50 (d) for LTE Band 4, fixed, mobile and portable (hand-held) stations in the 1710-1755MHz band are limited to 1wat EIRP.

According to FCC section 90.542(7) for LTE Band14, Portable stations (hand-held devices) transmitting in the 758–768 MHz band and the 788–798 MHz band are limited to 3 watts ERP.

2.1.2. Test Description



The EUTis 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.

EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)
ERP (dBm) = EIPR (dBm) - 2.15

2.1.4. Result

Conducted Output Power:

LTE Band2						
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	23.32	23.33	23.27
20	QPSK	1	49	23.22	23.14	23.18
20	QPSK	1	99	22.91	23.24	23.06
20	QPSK	50	0	22.35	22.37	22.19
20	QPSK	50	24	22.32	22.24	22.32
20	QPSK	50	50	22.31	22.29	22.28
20	QPSK	100	0	22.41	22.26	22.27
20	16QAM	1	0	22.11	22.37	22.18
20	16QAM	1	49	22.17	22.05	22.06
20	16QAM	1	99	22.09	22.07	22.06
20	16QAM	50	0	21.33	21.16	21.28
20	16QAM	50	24	21.29	21.22	21.31
20	16QAM	50	50	21.37	21.24	21.21
20	16QAM	100	0	21.28	21.22	21.31

LTE Band2						
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	23.05	22.89	23.06
15	QPSK	1	37	23.26	23.26	23.03
15	QPSK	1	74	23.14	23.16	23.17
15	QPSK	36	0	22.45	22.24	22.31
15	QPSK	36	20	22.24	22.22	22.32
15	QPSK	36	39	22.17	22.29	22.32
15	QPSK	75	0	22.29	22.27	22.35
15	16QAM	1	0	22.32	22.25	22.11
15	16QAM	1	37	22.12	22.17	22.15
15	16QAM	1	74	22.22	22.32	22.02
15	16QAM	36	0	21.23	21.17	21.24
15	16QAM	36	20	21.34	21.18	21.24
15	16QAM	36	39	21.21	21.23	21.27
15	16QAM	75	0	21.28	21.31	21.38

LTE Band2						
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	23.15	23.09	23.11
10	QPSK	1	25	23.16	23.11	23.27
10	QPSK	1	49	23.02	23.04	23.09
10	QPSK	25	0	22.12	22.09	22.16
10	QPSK	25	12	22.23	22.12	22.14
10	QPSK	25	25	22.06	22.14	22.16
10	QPSK	50	0	22.05	22.02	22.13
10	16QAM	1	0	22.07	22.12	22.09
10	16QAM	1	25	22.09	22.17	22.14
10	16QAM	1	49	22.18	22.22	22.03
10	16QAM	25	0	21.16	21.17	21.19
10	16QAM	25	12	21.26	21.11	21.13
10	16QAM	25	25	21.19	21.36	21.21
10	16QAM	50	0	21.14	21.26	21.29

LTE Band2						
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	23.04	23.06	23.09
5	QPSK	1	12	23.08	23.04	23.11
5	QPSK	1	24	23.14	22.96	23.03
5	QPSK	12	0	22.22	22.05	22.31
5	QPSK	12	7	22.19	22.11	22.13
5	QPSK	12	13	22.13	22.11	22.08
5	QPSK	25	0	22.21	22.18	22.11
5	16QAM	1	0	22.17	22.27	22.13
5	16QAM	1	12	22.25	22.13	22.18
5	16QAM	1	24	22.36	22.14	22.15
5	16QAM	12	0	21.22	21.12	21.03
5	16QAM	12	7	21.25	21.19	21.31
5	16QAM	12	13	21.26	21.26	21.18
5	16QAM	25	0	21.22	21.18	21.36

LTE Band2						
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	23.03	23	22.98
3	QPSK	1	8	23.07	22.99	22.88
3	QPSK	1	14	23.02	22.92	22.59
3	QPSK	8	0	22.19	22.17	22.02
3	QPSK	8	4	22.01	22.13	22.03
3	QPSK	8	7	22.05	22.16	22.01
3	QPSK	15	0	22.05	22.17	22.13
3	16QAM	1	0	22.15	22.18	22.16
3	16QAM	1	8	22.16	22.18	22.19
3	16QAM	1	14	22.13	22.01	22.04
3	16QAM	8	0	21.12	21.16	21.18
3	16QAM	8	4	21.11	21.26	21.16
3	16QAM	8	7	21.06	21.11	21.18
3	16QAM	15	0	21.02	21.18	21.28

LTE Band2						
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	23.05	23.04	23.02
1.4	QPSK	1	3	23.14	23.01	23.04
1.4	QPSK	1	5	23.14	23.12	23.01
1.4	QPSK	3	0	23.15	23.14	23.09
1.4	QPSK	3	1	23.14	23.15	23.15
1.4	QPSK	3	3	23.09	23.16	23.12
1.4	QPSK	6	0	22.16	22.16	22.19
1.4	16QAM	1	0	22.16	22.16	22.19
1.4	16QAM	1	3	22.18	22.02	22.16
1.4	16QAM	1	5	22.15	22.08	22.09
1.4	16QAM	3	0	22.07	22.04	22.11
1.4	16QAM	3	1	22.02	22.06	22.12
1.4	16QAM	3	3	22.22	22.26	22.15
1.4	16QAM	6	0	21.22	21.17	21.19

LTE Band4						
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	21.39	21.51	21.44
20	QPSK	1	49	21.08	21.31	21.36
20	QPSK	1	99	21.13	21.21	21.50
20	QPSK	50	0	20.22	20.38	20.33
20	QPSK	50	24	20.21	20.13	20.30
20	QPSK	50	50	20.14	20.23	20.33
20	QPSK	100	0	20.13	20.24	20.48
20	16QAM	1	0	20.23	20.29	20.54
20	16QAM	1	49	20.34	20.24	20.18
20	16QAM	1	99	20.33	20.28	20.52
20	16QAM	50	0	19.29	19.34	19.38
20	16QAM	50	24	19.15	19.46	19.50
20	16QAM	50	50	19.26	19.38	19.46
20	16QAM	100	0	19.06	19.32	19.55

LTE Band4						
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	21.23	21.20	21.42
15	QPSK	1	37	21.28	21.19	21.11
15	QPSK	1	74	21.34	21.32	21.39
15	QPSK	36	0	20.25	20.05	20.54
15	QPSK	36	20	20.05	20.08	20.46
15	QPSK	36	39	20.08	20.29	20.48
15	QPSK	75	0	20.19	20.30	20.56
15	16QAM	1	0	20.33	20.28	20.26
15	16QAM	1	37	20.34	20.24	20.48
15	16QAM	1	74	20.23	20.30	20.25
15	16QAM	36	0	19.25	19.06	19.36
15	16QAM	36	20	19.02	19.02	19.39
15	16QAM	36	39	18.90	19.40	19.39
15	16QAM	75	0	18.99	19.26	19.38

LTE Band4						
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	21.21	21.22	21.20
10	QPSK	1	25	21.34	21.44	21.23
10	QPSK	1	49	21.18	21.30	21.39
10	QPSK	25	0	20.18	20.18	20.55
10	QPSK	25	12	20.38	20.33	20.48
10	QPSK	25	25	20.32	20.32	20.50
10	QPSK	50	0	20.22	20.22	20.45
10	16QAM	1	0	20.28	20.16	20.55
10	16QAM	1	25	20.29	20.25	20.56
10	16QAM	1	49	20.32	20.22	20.18
10	16QAM	25	0	19.24	19.33	19.55
10	16QAM	25	12	19.10	19.42	19.39
10	16QAM	25	25	19.26	19.32	19.45
10	16QAM	50	0	19.33	19.16	19.42

LTE Band4						
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	21.29	21.44	21.19
5	QPSK	1	12	21.28	21.21	21.19
5	QPSK	1	24	21.26	21.28	21.43
5	QPSK	12	0	20.25	20.20	20.53
5	QPSK	12	7	20.38	20.24	20.48
5	QPSK	12	13	20.31	20.31	20.45
5	QPSK	25	0	20.39	20.21	20.40
5	16QAM	1	0	20.23	20.23	20.39
5	16QAM	1	12	20.44	20.34	20.28
5	16QAM	1	24	20.32	20.24	20.30
5	16QAM	12	0	19.24	19.43	19.49
5	16QAM	12	7	19.30	19.22	19.38
5	16QAM	12	13	19.29	19.32	19.43
5	16QAM	25	0	19.22	19.23	19.48

LTE Band4						
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	21.24	21.30	21.14
3	QPSK	1	8	21.36	21.23	21.21
3	QPSK	1	14	21.33	21.30	21.09
3	QPSK	8	0	20.32	20.41	20.60
3	QPSK	8	4	20.39	20.23	20.52
3	QPSK	8	7	20.41	20.26	20.55
3	QPSK	15	0	20.04	20.24	20.49
3	16QAM	1	0	20.24	20.28	20.34
3	16QAM	1	8	20.25	20.36	20.32
3	16QAM	1	14	20.29	20.25	20.23
3	16QAM	8	0	19.21	19.24	19.34
3	16QAM	8	4	19.21	19.22	19.33
3	16QAM	8	7	19.40	19.25	19.30
3	16QAM	15	0	19.32	19.16	19.44

LTE Band4						
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	21.26	21.28	21.23
1.4	QPSK	1	3	21.30	21.31	21.19
1.4	QPSK	1	5	21.25	21.15	21.22
1.4	QPSK	3	0	21.28	21.18	21.13
1.4	QPSK	3	1	21.25	21.18	21.22
1.4	QPSK	3	3	21.24	21.31	21.19
1.4	QPSK	6	0	20.19	20.18	20.53
1.4	16QAM	1	0	20.28	20.23	20.21
1.4	16QAM	1	3	20.36	20.25	20.24
1.4	16QAM	1	5	20.21	20.22	20.36
1.4	16QAM	3	0	20.20	20.23	20.51
1.4	16QAM	3	1	20.25	20.32	20.29
1.4	16QAM	3	3	20.36	20.39	20.36
1.4	16QAM	6	0	19.26	19.25	19.35

LTE Band5						
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	21.36	21.50	21.43
10	QPSK	1	25	21.11	21.45	21.38
10	QPSK	1	49	21.28	21.18	21.00
10	QPSK	25	0	20.10	20.44	20.25
10	QPSK	25	12	20.34	20.40	20.40
10	QPSK	25	25	20.23	20.33	20.32
10	QPSK	50	0	20.21	20.21	20.36
10	16QAM	1	0	19.75	20.19	20.10
10	16QAM	1	25	19.92	19.98	20.01
10	16QAM	1	49	19.96	19.91	20.18
10	16QAM	25	0	19.35	19.02	19.33
10	16QAM	25	12	19.33	19.30	19.48
10	16QAM	25	25	19.45	19.21	19.30
10	16QAM	50	0	19.19	19.55	19.38

LTE Band5						
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	21.18	21.38	21.18
5	QPSK	1	12	21.09	21.42	21.45
5	QPSK	1	24	21.28	21.09	21.05
5	QPSK	12	0	20.10	20.16	20.31
5	QPSK	12	7	20.10	20.31	20.26
5	QPSK	12	13	20.23	20.36	20.35
5	QPSK	25	0	20.25	20.25	20.41
5	16QAM	1	0	20.23	20.24	20.25
5	16QAM	1	12	19.94	20.01	20.10
5	16QAM	1	24	20.03	20.41	20.21
5	16QAM	12	0	19.12	19.16	19.20
5	16QAM	12	7	19.45	19.23	19.33
5	16QAM	12	13	19.22	19.19	19.21
5	16QAM	25	0	19.24	19.54	19.42

LTE Band5						
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	21.10	21.16	21.18
3	QPSK	1	8	21.09	21.41	21.41
3	QPSK	1	14	20.93	21.23	21.11
3	QPSK	8	0	20.28	20.18	20.30
3	QPSK	8	4	20.22	20.44	20.28
3	QPSK	8	7	20.18	20.30	20.39
3	QPSK	15	0	20.10	20.25	20.28
3	16QAM	1	0	20.09	20.29	20.06
3	16QAM	1	8	20.30	20.23	20.21
3	16QAM	1	14	20.35	20.23	20.06
3	16QAM	8	0	19.13	19.10	19.23
3	16QAM	8	4	19.21	19.30	19.22
3	16QAM	8	7	19.32	19.24	19.38
3	16QAM	15	0	19.14	19.38	19.08

LTE Band5						
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	21.31	21.20	21.19
1.4	QPSK	1	3	21.15	21.43	21.25
1.4	QPSK	1	5	21.22	21.30	21.12
1.4	QPSK	3	0	21.21	21.24	21.19
1.4	QPSK	3	1	21.18	21.28	21.28
1.4	QPSK	3	3	21.29	21.19	21.22
1.4	QPSK	6	0	20.29	20.30	20.19
1.4	16QAM	1	0	20.21	19.90	20.16
1.4	16QAM	1	3	20.29	20.01	20.38
1.4	16QAM	1	5	20.23	19.94	20.23
1.4	16QAM	3	0	20.23	20.24	20.31
1.4	16QAM	3	1	20.29	20.28	20.21
1.4	16QAM	3	3	20.24	20.29	20.22
1.4	16QAM	6	0	19.34	19.31	19.48

LTE Band7						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20850	21100	21350
Frequency (MHz)				2510	2535	2560
20	QPSK	1	0	23.30	23.23	23.43
20	QPSK	1	49	23.30	23.49	23.20
20	QPSK	1	99	23.11	23.23	23.09
20	QPSK	50	0	22.38	22.38	22.32
20	QPSK	50	24	22.32	22.31	22.32
20	QPSK	50	50	22.18	22.33	22.30
20	QPSK	100	0	22.37	22.32	22.29
20	16QAM	1	0	22.60	22.14	22.43
20	16QAM	1	49	22.16	22.16	22.50
20	16QAM	1	99	22.13	22.30	22.14
20	16QAM	50	0	21.34	21.41	21.36
20	16QAM	50	24	21.35	21.47	21.32
20	16QAM	50	50	21.20	21.34	21.36
20	16QAM	100	0	21.33	21.39	21.29

LTE Band7						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20825	21100	21375
Frequency (MHz)				2507.5	2535	2562.5
15	QPSK	1	0	23.39	23.28	23.19
15	QPSK	1	37	23.34	23.43	23.20
15	QPSK	1	74	23.20	23.41	23.21
15	QPSK	36	0	22.38	22.33	22.25
15	QPSK	36	20	22.30	22.39	22.26
15	QPSK	36	39	22.29	22.28	22.30
15	QPSK	75	0	22.49	22.37	22.25
15	16QAM	1	0	22.60	22.15	22.26
15	16QAM	1	37	22.51	22.27	22.64
15	16QAM	1	74	22.28	22.45	22.28
15	16QAM	36	0	21.44	21.35	21.35
15	16QAM	36	20	21.43	21.52	21.30
15	16QAM	36	39	21.24	21.28	21.23
15	16QAM	75	0	21.46	21.40	21.27

LTE Band7						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20800	21100	21400
Frequency (MHz)				2505	2535	2565
10	QPSK	1	0	23.32	23.21	23.12
10	QPSK	1	25	23.27	23.36	23.13
10	QPSK	1	49	23.13	23.34	23.14
10	QPSK	25	0	22.31	22.26	22.18
10	QPSK	25	12	22.23	22.32	22.19
10	QPSK	25	25	22.22	22.21	22.23
10	QPSK	50	0	22.42	22.30	22.18
10	16QAM	1	0	22.53	22.08	22.19
10	16QAM	1	25	22.44	22.20	22.57
10	16QAM	1	49	22.21	22.38	22.21
10	16QAM	25	0	21.37	21.28	21.28
10	16QAM	25	12	21.36	21.45	21.23
10	16QAM	25	25	21.17	21.21	21.16
10	16QAM	50	0	21.39	21.33	21.20

LTE Band7						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20775	21100	21425
Frequency (MHz)				2502.5	2535	2567.5
5	QPSK	1	0	23.23	23.16	23.36
5	QPSK	1	12	23.23	23.42	23.23
5	QPSK	1	24	23.14	23.16	23.02
5	QPSK	12	0	22.31	22.18	22.31
5	QPSK	12	7	22.25	22.24	22.25
5	QPSK	12	13	22.11	22.26	22.23
5	QPSK	25	0	22.30	22.25	22.22
5	16QAM	1	0	22.43	22.07	22.46
5	16QAM	1	12	21.99	22.09	22.43
5	16QAM	1	24	21.96	22.23	22.17
5	16QAM	12	0	21.27	21.34	21.29
5	16QAM	12	7	21.28	21.40	21.25
5	16QAM	12	13	21.13	21.27	21.29
5	16QAM	25	0	21.26	21.32	21.22

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	22.64	22.65	22.79
10	QPSK	1	25	23.12	22.98	23.03
10	QPSK	1	49	22.62	22.66	22.63
10	QPSK	25	0	22.00	22.10	22.06
10	QPSK	25	12	22.11	22.03	22.04
10	QPSK	25	25	22.14	22.02	22.01
10	QPSK	50	0	22.05	22.05	22.09
10	16QAM	1	0	21.64	21.56	21.54
10	16QAM	1	25	21.93	21.91	21.82
10	16QAM	1	49	21.96	21.55	21.56
10	16QAM	25	0	21.02	21.10	21.12
10	16QAM	25	12	21.10	21.18	20.98
10	16QAM	25	25	20.99	21.03	21.05
10	16QAM	50	0	21.05	21.05	20.95

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	22.77	22.80	22.75
5	QPSK	1	12	22.66	23.04	22.97
5	QPSK	1	24	22.68	22.56	22.65
5	QPSK	12	0	21.98	22.03	21.97
5	QPSK	12	7	21.98	22.11	22.03
5	QPSK	12	13	21.84	21.99	21.96
5	QPSK	25	0	21.86	21.98	21.95
5	16QAM	1	0	21.63	21.82	21.86
5	16QAM	1	12	21.51	21.62	21.48
5	16QAM	1	24	21.71	21.53	21.51
5	16QAM	12	0	20.83	21.06	21.09
5	16QAM	12	7	20.80	20.95	21.12
5	16QAM	12	13	21.06	20.84	21.08
5	16QAM	25	0	21.13	20.93	21.10

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	22.77	22.72	22.74
3	QPSK	1	8	22.80	22.75	22.75
3	QPSK	1	14	22.50	22.80	22.78
3	QPSK	8	0	21.98	21.89	21.95
3	QPSK	8	4	22.08	22.02	22.09
3	QPSK	8	7	21.92	22.06	22.03
3	QPSK	15	0	21.98	21.95	22.01
3	16QAM	1	0	21.75	21.74	21.80
3	16QAM	1	8	21.76	21.61	22.02
3	16QAM	1	14	21.78	21.83	21.81
3	16QAM	8	0	20.76	21.07	20.80
3	16QAM	8	4	20.96	21.05	21.13
3	16QAM	8	7	21.01	21.19	21.25
3	16QAM	15	0	20.92	20.96	21.16

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	22.63	22.92	22.86
1.4	QPSK	1	3	22.66	22.95	22.93
1.4	QPSK	1	5	22.51	22.95	22.91
1.4	QPSK	3	0	22.90	23.03	22.84
1.4	QPSK	3	1	23.06	23.07	22.94
1.4	QPSK	3	3	23.01	22.98	22.88
1.4	QPSK	6	0	21.92	22.07	21.93
1.4	16QAM	1	0	21.96	21.65	21.73
1.4	16QAM	1	3	22.10	21.66	21.79
1.4	16QAM	1	5	21.97	21.90	21.88
1.4	16QAM	3	0	21.78	21.97	21.97
1.4	16QAM	3	1	21.95	22.12	22.04
1.4	16QAM	3	3	21.92	22.15	21.89
1.4	16QAM	6	0	21.04	21.04	21.05

LTE Band 14						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				/	23330	/
Frequency (MHz)				/	793	/
10	QPSK	1	0	/	23.82	/
10	QPSK	1	25	/	24.03	/
10	QPSK	1	49	/	23.57	/
10	QPSK	25	0	/	22.98	/
10	QPSK	25	12	/	22.96	/
10	QPSK	25	25	/	22.82	/
10	QPSK	50	0	/	23.07	/
10	16QAM	1	0	/	22.95	/
10	16QAM	1	25	/	23.03	/
10	16QAM	1	49	/	23.09	/
10	16QAM	25	0	/	22.04	/
10	16QAM	25	12	/	22.07	/
10	16QAM	25	25	/	21.90	/
10	16QAM	50	0	/	22.01	/

LTE Band 14						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23305	23330	23355
Frequency (MHz)				790.5	793	795.5
5	QPSK	1	0	23.79	23.74	23.77
5	QPSK	1	12	24.02	23.95	23.89
5	QPSK	1	24	23.84	23.71	23.83
5	QPSK	12	0	23.04	22.92	22.74
5	QPSK	12	7	22.63	22.93	22.67
5	QPSK	12	13	23.12	23.03	22.65
5	QPSK	25	0	23.12	23.28	22.95
5	16QAM	1	0	22.89	22.84	22.88
5	16QAM	1	12	22.88	22.90	22.81
5	16QAM	1	24	22.80	22.68	22.74
5	16QAM	12	0	22.07	21.76	21.89
5	16QAM	12	7	21.79	21.74	21.83
5	16QAM	12	13	21.71	21.85	21.81
5	16QAM	25	0	22.09	22.16	22.10

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	22.89	22.78	22.64
10	QPSK	1	25	22.93	22.83	22.73
10	QPSK	1	49	22.75	22.52	22.45
10	QPSK	25	0	22.03	21.87	21.86
10	QPSK	25	12	22.07	21.79	21.80
10	QPSK	25	25	21.97	21.81	21.69
10	QPSK	50	0	22.03	21.77	21.78
10	16QAM	1	0	21.61	21.58	21.54
10	16QAM	1	25	21.83	21.52	21.88
10	16QAM	1	49	21.90	21.49	21.50
10	16QAM	25	0	20.96	20.68	20.77
10	16QAM	25	12	20.91	20.49	20.59
10	16QAM	25	25	20.92	20.66	20.58
10	16QAM	50	0	20.94	20.67	20.51

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				23035	23790	23155
Frequency (MHz)				706.5	710	713.5
5	QPSK	1	0	22.91	22.67	22.77
5	QPSK	1	12	22.77	22.79	22.78
5	QPSK	1	24	22.71	22.69	22.54
5	QPSK	12	0	21.92	21.83	21.72
5	QPSK	12	7	21.90	21.61	21.65
5	QPSK	12	13	21.89	21.71	21.63
5	QPSK	25	0	21.99	21.63	21.62
5	16QAM	1	0	21.53	21.50	21.53
5	16QAM	1	12	21.40	21.20	21.66
5	16QAM	1	24	21.66	21.23	21.57
5	16QAM	12	0	20.75	20.45	20.68
5	16QAM	12	7	20.63	20.49	20.54
5	16QAM	12	13	20.61	20.50	20.45
5	16QAM	25	0	20.56	20.51	20.50

LTE Band25						
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	23.64	23.66	23.65
20	QPSK	1	49	23.93	24.10	23.95
20	QPSK	1	99	23.70	23.93	23.62
20	QPSK	50	0	23.01	23.18	23.16
20	QPSK	50	24	22.89	23.06	23.17
20	QPSK	50	50	22.81	23.12	22.92
20	QPSK	100	0	22.97	23.09	23.08
20	16QAM	1	0	22.95	22.51	22.93
20	16QAM	1	49	22.85	22.87	22.87
20	16QAM	1	99	22.81	22.76	22.49
20	16QAM	50	0	22.13	21.93	22.15
20	16QAM	50	24	22.03	22.22	22.16
20	16QAM	50	50	21.96	22.26	22.27
20	16QAM	100	0	21.94	22.08	22.36

LTE Band25						
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	23.92	23.73	23.78
15	QPSK	1	37	23.85	23.80	24.05
15	QPSK	1	74	23.90	23.91	23.80
15	QPSK	36	0	23.02	23.03	23.26
15	QPSK	36	20	23.05	23.13	23.11
15	QPSK	36	39	23.00	23.25	23.02
15	QPSK	75	0	22.99	23.16	23.09
15	16QAM	1	0	22.88	23.03	23.10
15	16QAM	1	37	23.10	23.19	22.76
15	16QAM	1	74	22.74	22.78	22.75
15	16QAM	36	0	22.14	22.04	22.16
15	16QAM	36	20	22.21	22.11	22.15
15	16QAM	36	39	22.06	22.27	22.05
15	16QAM	75	0	21.99	22.26	22.15

LTE Band25						
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	23.95	23.70	24.10
10	QPSK	1	25	24.05	24.09	23.87
10	QPSK	1	49	24.10	24.08	23.84
10	QPSK	25	0	23.08	23.11	23.08
10	QPSK	25	12	23.13	23.10	23.55
10	QPSK	25	25	23.11	23.07	23.10
10	QPSK	50	0	22.99	22.97	23.25
10	16QAM	1	0	22.83	23.01	22.92
10	16QAM	1	25	23.03	23.13	22.95
10	16QAM	1	49	23.14	22.69	22.89
10	16QAM	25	0	22.15	22.04	22.05
10	16QAM	25	12	22.03	22.16	22.14
10	16QAM	25	25	22.13	22.29	22.18
10	16QAM	50	0	22.22	22.27	22.26

LTE Band25						
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	23.74	23.58	23.92
5	QPSK	1	12	24.05	24.06	24.01
5	QPSK	1	24	23.80	24.05	24.04
5	QPSK	12	0	22.82	22.98	23.10
5	QPSK	12	7	22.96	23.10	22.98
5	QPSK	12	13	22.90	23.08	22.98
5	QPSK	25	0	22.84	23.10	23.05
5	16QAM	1	0	22.97	22.65	22.79
5	16QAM	1	12	22.94	22.97	22.49
5	16QAM	1	24	22.70	22.85	22.68
5	16QAM	12	0	22.15	22.05	22.12
5	16QAM	12	7	22.33	22.30	21.89
5	16QAM	12	13	21.88	22.17	22.03
5	16QAM	25	0	22.17	22.34	22.19

LTE Band25						
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	23.71	23.80	24.09
3	QPSK	1	8	23.78	23.98	24.05
3	QPSK	1	14	23.79	23.97	24.09
3	QPSK	8	0	23.00	23.00	23.04
3	QPSK	8	4	23.14	23.07	22.95
3	QPSK	8	7	22.84	23.15	23.32
3	QPSK	15	0	23.05	23.11	22.95
3	16QAM	1	0	22.64	22.70	22.45
3	16QAM	1	8	22.52	22.61	22.49
3	16QAM	1	14	22.59	22.62	22.93
3	16QAM	8	0	22.10	22.27	22.13
3	16QAM	8	4	22.30	22.13	22.54
3	16QAM	8	7	22.27	22.40	22.35
3	16QAM	15	0	22.09	22.24	21.96

LTE Band25						
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	23.73	23.87	24.04
1.4	QPSK	1	3	23.84	24.01	24.09
1.4	QPSK	1	5	23.75	23.98	24.05
1.4	QPSK	3	0	23.65	23.59	23.54
1.4	QPSK	3	1	23.54	23.57	23.44
1.4	QPSK	3	3	23.52	23.51	23.40
1.4	QPSK	6	0	22.99	23.09	22.87
1.4	16QAM	1	0	22.80	22.83	22.85
1.4	16QAM	1	3	22.58	22.87	22.90
1.4	16QAM	1	5	22.93	22.86	22.53
1.4	16QAM	3	0	22.85	22.99	22.96
1.4	16QAM	3	1	22.99	22.95	22.86
1.4	16QAM	3	3	22.91	22.97	22.93
1.4	16QAM	6	0	22.05	22.12	21.87

LTE Band26						
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	23.98	24.08	24.24
15	QPSK	1	37	24.26	24.10	24.37
15	QPSK	1	74	24.10	24.21	24.44
15	QPSK	36	0	23.23	23.31	23.41
15	QPSK	36	20	23.30	23.23	23.38
15	QPSK	36	39	23.20	23.35	23.32
15	QPSK	75	0	23.30	23.28	23.33
15	16QAM	1	0	23.07	23.04	23.03
15	16QAM	1	37	22.71	22.84	23.16
15	16QAM	1	74	22.75	22.83	23.14
15	16QAM	36	0	22.29	22.32	22.55
15	16QAM	36	20	22.33	22.25	22.50
15	16QAM	36	39	22.29	22.35	22.30
15	16QAM	75	0	22.33	22.34	22.31

LTE Band26						
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	23.97	24.07	24.23
10	QPSK	1	25	24.25	24.09	24.36
10	QPSK	1	49	24.09	24.20	24.43
10	QPSK	25	0	23.22	23.30	23.40
10	QPSK	25	12	23.29	23.22	23.37
10	QPSK	25	25	23.19	23.34	23.31
10	QPSK	50	0	23.29	23.27	23.32
10	16QAM	1	0	23.06	23.03	23.02
10	16QAM	1	25	22.70	22.83	23.15
10	16QAM	1	49	22.74	22.82	23.13
10	16QAM	25	0	22.28	22.31	22.54
10	16QAM	25	12	22.32	22.24	22.49
10	16QAM	25	25	22.28	22.34	22.29
10	16QAM	50	0	22.32	22.33	22.30

LTE Band26						
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	23.95	24.05	24.21
5	QPSK	1	12	24.23	24.07	24.34
5	QPSK	1	24	24.07	24.18	24.41
5	QPSK	12	0	23.20	23.28	23.38
5	QPSK	12	7	23.27	23.20	23.35
5	QPSK	12	13	23.17	23.32	23.29
5	QPSK	25	0	23.27	23.25	23.30
5	16QAM	1	0	23.04	23.01	23.00
5	16QAM	1	12	22.68	22.81	23.13
5	16QAM	1	24	22.72	22.80	23.11
5	16QAM	12	0	22.26	22.29	22.52
5	16QAM	12	7	22.30	22.22	22.47
5	16QAM	12	13	22.26	22.32	22.27
5	16QAM	25	0	22.30	22.31	22.28

LTE Band26						
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	23.96	24.06	24.22
3	QPSK	1	8	24.24	24.08	24.35
3	QPSK	1	14	24.08	24.19	24.42
3	QPSK	8	0	23.21	23.29	23.39
3	QPSK	8	4	23.28	23.21	23.36
3	QPSK	8	7	23.18	23.33	23.30
3	QPSK	15	0	23.28	23.26	23.31
3	16QAM	1	0	23.05	23.02	23.01
3	16QAM	1	8	22.69	22.82	23.14
3	16QAM	1	14	22.73	22.81	23.12
3	16QAM	8	0	22.27	22.30	22.53
3	16QAM	8	4	22.31	22.23	22.48
3	16QAM	8	7	22.27	22.33	22.28
3	16QAM	15	0	22.31	22.32	22.29

LTE Band26						
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	23.83	23.93	24.09
1.4	QPSK	1	3	24.11	23.95	24.22
1.4	QPSK	1	5	23.95	24.06	24.29
1.4	QPSK	3	0	23.08	23.16	23.26
1.4	QPSK	3	1	23.15	23.08	23.23
1.4	QPSK	3	3	23.05	23.20	23.17
1.4	QPSK	6	0	23.15	23.13	23.18
1.4	16QAM	1	0	22.92	22.89	22.88
1.4	16QAM	1	3	22.56	22.69	23.01
1.4	16QAM	1	5	22.60	22.68	22.99
1.4	16QAM	3	0	22.14	22.17	22.40
1.4	16QAM	3	1	22.18	22.10	22.35
1.4	16QAM	3	3	22.14	22.20	22.15
1.4	16QAM	6	0	22.18	22.19	22.16

LTE Band 30						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				/	27710	/
Frequency (MHz)				/	2310	/
10	QPSK	1	0	/	18.94	/
10	QPSK	1	25	/	19.19	/
10	QPSK	1	49	/	18.81	/
10	QPSK	25	0	/	18.01	/
10	QPSK	25	12	/	18.06	/
10	QPSK	25	25	/	18.04	/
10	QPSK	50	0	/	17.96	/
10	16QAM	1	0	/	17.79	/
10	16QAM	1	25	/	17.96	/
10	16QAM	1	49	/	18.00	/
10	16QAM	25	0	/	17.14	/
10	16QAM	25	12	/	17.01	/
10	16QAM	25	25	/	16.98	/
10	16QAM	50	0	/	16.85	/

LTE Band 30						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				27685	27710	27735
Frequency (MHz)				2307.5	2310	2312.5
5	QPSK	1	0	18.80	18.91	18.87
5	QPSK	1	12	18.69	18.94	18.98
5	QPSK	1	24	18.64	18.77	18.83
5	QPSK	12	0	17.81	17.95	17.91
5	QPSK	12	7	17.95	18.04	18.01
5	QPSK	12	13	17.81	18.06	17.91
5	QPSK	25	0	17.78	17.89	17.96
5	16QAM	1	0	17.88	17.89	17.59
5	16QAM	1	12	17.42	17.90	17.56
5	16QAM	1	24	17.61	17.67	17.48
5	16QAM	12	0	16.65	16.82	16.83
5	16QAM	12	7	16.82	17.01	16.98
5	16QAM	12	13	16.70	16.85	16.86
5	16QAM	25	0	16.88	16.97	17.10

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	23.23	23.49	23.57
20	QPSK	1	49	23.49	23.50	23.72
20	QPSK	1	99	23.41	23.45	23.68
20	QPSK	50	0	22.61	22.42	22.74
20	QPSK	50	24	22.63	22.47	22.38
20	QPSK	50	50	22.35	22.44	22.43
20	QPSK	100	0	22.09	22.14	22.18
20	16QAM	1	0	22.05	21.94	22.33
20	16QAM	1	49	22.11	22.03	22.29
20	16QAM	1	99	21.89	21.98	22.28
20	16QAM	50	0	21.67	21.42	21.45
20	16QAM	50	24	21.69	21.47	21.49
20	16QAM	50	50	21.41	21.45	21.52
20	16QAM	100	0	21.48	21.51	21.31

LTE Band 41						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39725	40620	41515
Frequency (MHz)				2503.5	2593	2682.5
15	QPSK	1	0	23.10	23.36	23.44
15	QPSK	1	37	23.36	23.17	23.59
15	QPSK	1	74	23.11	23.22	23.55
15	QPSK	36	0	22.48	22.39	22.51
15	QPSK	36	20	22.25	22.44	22.25
15	QPSK	36	39	22.22	22.51	22.30
15	QPSK	75	0	22.06	22.07	22.05
15	16QAM	1	0	22.02	21.91	22.20
15	16QAM	1	37	22.08	22.20	22.26
15	16QAM	1	74	22.06	21.85	22.15
15	16QAM	36	0	21.34	21.49	21.22
15	16QAM	36	20	21.26	21.44	21.36
15	16QAM	36	39	21.28	21.52	21.39
15	16QAM	75	0	21.35	21.58	21.18

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	23.14	23.40	23.48
10	QPSK	1	25	23.40	23.21	23.63
10	QPSK	1	49	23.22	23.16	23.59
10	QPSK	25	0	22.52	22.33	22.55
10	QPSK	25	12	22.54	22.38	22.29
10	QPSK	25	25	22.26	22.35	22.34
10	QPSK	50	0	22.30	22.31	22.09
10	16QAM	1	0	22.06	21.85	22.14
10	16QAM	1	25	22.02	21.94	22.06
10	16QAM	1	49	22.10	21.79	22.19
10	16QAM	25	0	21.38	21.33	21.26
10	16QAM	25	12	21.46	21.38	21.40
10	16QAM	25	25	21.32	21.36	21.43
10	16QAM	50	0	21.39	21.42	21.22

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	23.12	23.38	23.46
5	QPSK	1	12	23.38	23.19	23.61
5	QPSK	1	24	23.16	23.14	23.57
5	QPSK	12	0	22.50	22.31	22.43
5	QPSK	12	7	22.52	22.36	22.27
5	QPSK	12	13	22.26	22.33	22.32
5	QPSK	25	0	21.77	22.09	22.07
5	16QAM	1	0	21.83	21.63	22.02
5	16QAM	1	12	21.86	21.92	22.08
5	16QAM	1	24	21.66	21.87	22.07
5	16QAM	12	0	21.05	21.31	20.94
5	16QAM	12	7	21.07	21.36	21.38
5	16QAM	12	13	21.36	21.34	21.41
5	16QAM	25	0	21.29	21.40	21.20

LTE Band66						
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	21.45	21.50	21.44
20	QPSK	1	49	21.39	21.34	21.39
20	QPSK	1	99	21.23	21.23	21.42
20	QPSK	50	0	20.47	20.71	20.47
20	QPSK	50	24	20.49	20.50	20.57
20	QPSK	50	50	20.60	20.50	20.64
20	QPSK	100	0	20.52	20.45	20.42
20	16QAM	1	0	20.40	20.52	20.50
20	16QAM	1	49	20.53	20.41	20.52
20	16QAM	1	99	20.33	20.45	20.69
20	16QAM	50	0	19.43	19.65	19.50
20	16QAM	50	24	19.44	19.50	19.43
20	16QAM	50	50	19.50	19.42	19.50
20	16QAM	100	0	19.54	19.44	19.42

LTE Band66						
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	21.23	21.39	21.43
15	QPSK	1	37	21.33	21.34	21.33
15	QPSK	1	74	21.39	21.32	21.25
15	QPSK	36	0	20.64	20.61	20.56
15	QPSK	36	20	20.50	20.50	20.50
15	QPSK	36	39	20.49	20.42	20.56
15	QPSK	75	0	20.62	20.62	20.69
15	16QAM	1	0	20.46	20.41	20.50
15	16QAM	1	37	20.51	20.50	20.42
15	16QAM	1	74	20.17	20.44	20.41
15	16QAM	36	0	19.44	19.53	19.62
15	16QAM	36	20	19.65	19.50	19.50
15	16QAM	36	39	19.54	19.47	19.65
15	16QAM	75	0	19.62	19.46	19.50

LTE Band66						
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	21.43	21.32	21.20
10	QPSK	1	25	21.49	21.22	21.17
10	QPSK	1	49	21.40	21.20	21.32
10	QPSK	25	0	20.61	20.47	20.63
10	QPSK	25	12	20.60	20.46	20.59
10	QPSK	25	25	20.54	20.49	20.66
10	QPSK	50	0	20.57	20.50	20.62
10	16QAM	1	0	20.43	20.41	20.42
10	16QAM	1	25	20.45	20.41	20.50
10	16QAM	1	49	20.43	20.60	20.65
10	16QAM	25	0	19.60	19.49	19.60
10	16QAM	25	12	19.50	19.42	19.60
10	16QAM	25	25	19.45	19.54	19.46
10	16QAM	50	0	19.53	19.50	19.76

LTE Band66						
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	21.23	21.41	21.22
5	QPSK	1	12	21.32	21.39	21.17
5	QPSK	1	24	21.14	21.32	21.22
5	QPSK	12	0	20.47	20.59	20.62
5	QPSK	12	7	20.50	20.63	20.50
5	QPSK	12	13	20.55	20.56	20.60
5	QPSK	25	0	20.72	20.46	20.46
5	16QAM	1	0	20.47	20.55	20.41
5	16QAM	1	12	20.50	20.44	20.50
5	16QAM	1	24	20.43	20.50	20.42
5	16QAM	12	0	19.63	19.60	19.62
5	16QAM	12	7	19.69	19.46	19.44
5	16QAM	12	13	19.46	19.50	19.41
5	16QAM	25	0	19.50	19.50	19.39

LTE Band66						
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	21.21	21.10	21.13
3	QPSK	1	8	21.00	21.22	21.22
3	QPSK	1	14	21.02	21.23	21.20
3	QPSK	8	0	20.47	20.63	20.44
3	QPSK	8	4	20.57	20.53	20.51
3	QPSK	8	7	20.45	20.57	20.42
3	QPSK	15	0	20.50	20.69	20.50
3	16QAM	1	0	20.45	20.42	20.51
3	16QAM	1	8	20.50	20.50	20.49
3	16QAM	1	14	20.46	20.44	20.42
3	16QAM	8	0	19.63	19.54	19.46
3	16QAM	8	4	19.50	19.65	19.50
3	16QAM	8	7	19.42	19.50	19.43
3	16QAM	15	0	19.50	19.44	19.41

LTE Band66						
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	21.14	21.32	21.22
1.4	QPSK	1	3	21.00	21.17	21.00
1.4	QPSK	1	5	21.11	21.32	21.10
1.4	QPSK	3	0	20.89	20.99	21.03
1.4	QPSK	3	1	21.19	21.12	20.97
1.4	QPSK	3	3	21.11	21.06	21.11
1.4	QPSK	6	0	20.53	20.67	20.53
1.4	16QAM	1	0	20.60	20.50	20.42
1.4	16QAM	1	3	20.42	20.50	20.49
1.4	16QAM	1	5	20.63	20.36	20.53
1.4	16QAM	3	0	20.50	20.50	20.49
1.4	16QAM	3	1	20.49	20.44	20.39
1.4	16QAM	3	3	20.70	20.42	20.52
1.4	16QAM	6	0	19.44	19.53	19.50

LTE Band71						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				133222	133322	133372
Frequency (MHz)				673	683	688
20	QPSK	1	0	22.77	22.63	22.56
20	QPSK	1	49	22.63	22.59	22.57
20	QPSK	1	99	22.33	22.50	22.32
20	QPSK	50	0	22.10	21.96	21.89
20	QPSK	50	24	21.96	21.92	21.90
20	QPSK	50	50	21.66	21.83	21.65
20	QPSK	100	0	21.43	21.29	21.22
20	16QAM	1	0	21.70	21.71	21.63
20	16QAM	1	49	21.49	21.66	21.48
20	16QAM	1	99	21.42	21.28	21.41
20	16QAM	50	0	21.20	21.21	21.13
20	16QAM	50	24	20.99	21.16	20.98
20	16QAM	50	50	20.92	20.78	20.91
20	16QAM	100	0	20.92	20.69	20.65

LTE Band71						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				133197	133297	133397
Frequency (MHz)				670.5	680.5	690.5
15	QPSK	1	0	22.73	22.60	22.62
15	QPSK	1	37	22.67	22.58	22.61
15	QPSK	1	74	22.72	22.60	22.75
15	QPSK	36	0	22.06	21.93	21.95
15	QPSK	36	20	22.00	21.91	21.94
15	QPSK	36	39	22.05	21.93	22.08
15	QPSK	75	0	22.00	21.97	22.01
15	16QAM	1	0	21.39	21.26	21.28
15	16QAM	1	37	21.33	21.24	21.27
15	16QAM	1	74	21.38	21.26	21.41
15	16QAM	36	0	20.48	20.35	20.37
15	16QAM	36	20	20.42	20.33	20.36
15	16QAM	36	39	20.47	20.35	20.50
15	16QAM	75	0	20.34	20.36	20.45

LTE Band71						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				133172	133297	133422
Frequency (MHz)				668	680.5	693
10	QPSK	1	0	22.53	22.57	22.60
10	QPSK	1	25	22.56	22.55	22.61
10	QPSK	1	49	22.32	22.26	22.55
10	QPSK	25	0	21.86	21.90	21.93
10	QPSK	25	12	21.89	21.88	21.94
10	QPSK	25	25	21.65	21.59	21.88
10	QPSK	50	0	21.55	21.54	21.60
10	16QAM	1	0	21.69	21.73	21.76
10	16QAM	1	25	21.72	21.71	21.77
10	16QAM	1	49	21.48	21.42	21.71
10	16QAM	25	0	21.19	21.23	21.26
10	16QAM	25	12	21.22	21.21	21.27
10	16QAM	25	25	20.98	20.92	21.21
10	16QAM	50	0	20.81	20.82	20.71

LTE Band71						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				133147	133297	133447
Frequency (MHz)				665.5	680.5	695.5
5	QPSK	1	0	22.37	22.60	22.27
5	QPSK	1	12	22.53	22.56	22.49
5	QPSK	1	24	22.38	22.72	22.39
5	QPSK	12	0	21.70	21.93	21.60
5	QPSK	12	7	21.86	21.89	21.82
5	QPSK	12	13	21.71	22.05	21.72
5	QPSK	25	0	21.67	21.69	21.59
5	16QAM	1	0	21.53	21.76	21.43
5	16QAM	1	12	21.69	21.72	21.65
5	16QAM	1	24	21.54	21.88	21.55
5	16QAM	12	0	21.03	21.26	20.93
5	16QAM	12	7	21.19	21.22	21.15
5	16QAM	12	13	21.04	21.38	21.05
5	16QAM	25	0	21.16	21.30	21.15

Effective Radiated Power and Effective Isotropic Radiated Power:

LTE Band2				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18700		18900		19100	
Frequency (MHz)				1860		1880		1900	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	24.82	0.303	24.83	0.304	24.77	0.300
20	QPSK	1	49	24.72	0.296	24.64	0.291	24.68	0.294
20	QPSK	1	99	24.41	0.276	24.74	0.298	24.56	0.286
20	QPSK	50	0	23.85	0.243	23.87	0.244	23.69	0.234
20	QPSK	50	24	23.82	0.241	23.74	0.237	23.82	0.241
20	QPSK	50	50	23.81	0.240	23.79	0.239	23.78	0.239
20	QPSK	100	0	23.91	0.246	23.76	0.238	23.77	0.238
20	16QAM	1	0	23.61	0.230	23.87	0.244	23.68	0.233
20	16QAM	1	49	23.67	0.233	23.55	0.226	23.56	0.227
20	16QAM	1	99	23.59	0.229	23.57	0.228	23.56	0.227
20	16QAM	50	0	22.83	0.192	22.66	0.185	22.78	0.190
20	16QAM	50	24	22.79	0.190	22.72	0.187	22.81	0.191
20	16QAM	50	50	22.87	0.194	22.74	0.188	22.71	0.187
20	16QAM	100	0	22.78	0.190	22.72	0.187	22.81	0.191

LTE Band2				Measured EIRP					
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	24.55	0.285	24.39	0.275	24.56	0.286
15	QPSK	1	37	24.76	0.299	24.76	0.299	24.53	0.284
15	QPSK	1	74	24.64	0.291	24.66	0.292	24.67	0.293
15	QPSK	36	0	23.95	0.248	23.74	0.237	23.81	0.240
15	QPSK	36	20	23.74	0.237	23.72	0.236	23.82	0.241
15	QPSK	36	39	23.67	0.233	23.79	0.239	23.82	0.241
15	QPSK	75	0	23.79	0.239	23.77	0.238	23.85	0.243
15	16QAM	1	0	23.82	0.241	23.75	0.237	23.61	0.230
15	16QAM	1	37	23.62	0.230	23.67	0.233	23.65	0.232
15	16QAM	1	74	23.72	0.236	23.82	0.241	23.52	0.225
15	16QAM	36	0	22.73	0.187	22.67	0.185	22.74	0.188
15	16QAM	36	20	22.84	0.192	22.68	0.185	22.74	0.188
15	16QAM	36	39	22.71	0.187	22.73	0.187	22.77	0.189
15	16QAM	75	0	22.78	0.190	22.81	0.191	22.88	0.194

LTE Band2				Measured EIRP					
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	24.65	0.292	24.59	0.288	24.61	0.289
10	QPSK	1	25	24.66	0.292	24.61	0.289	24.77	0.300
10	QPSK	1	49	24.52	0.283	24.54	0.284	24.59	0.288
10	QPSK	25	0	23.62	0.230	23.59	0.229	23.66	0.232
10	QPSK	25	12	23.73	0.236	23.62	0.230	23.64	0.231
10	QPSK	25	25	23.56	0.227	23.64	0.231	23.66	0.232
10	QPSK	50	0	23.55	0.226	23.52	0.225	23.63	0.231
10	16QAM	1	0	23.57	0.228	23.62	0.230	23.59	0.229
10	16QAM	1	25	23.59	0.229	23.67	0.233	23.64	0.231
10	16QAM	1	49	23.68	0.233	23.72	0.236	23.53	0.225
10	16QAM	25	0	22.66	0.185	22.67	0.185	22.69	0.186
10	16QAM	25	12	22.76	0.189	22.61	0.182	22.63	0.183
10	16QAM	25	25	22.69	0.186	22.86	0.193	22.71	0.187
10	16QAM	50	0	22.64	0.184	22.76	0.189	22.79	0.190

LTE Band2				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18625		18900		19175	
Frequency (MHz)				1852.5		1880		1907.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	24.54	0.284	24.56	0.286	24.59	0.288
5	QPSK	1	12	24.58	0.287	24.54	0.284	24.61	0.289
5	QPSK	1	24	24.64	0.291	24.46	0.279	24.53	0.284
5	QPSK	12	0	23.72	0.236	23.55	0.226	23.81	0.240
5	QPSK	12	7	23.69	0.234	23.61	0.230	23.63	0.231
5	QPSK	12	13	23.63	0.231	23.61	0.230	23.58	0.228
5	QPSK	25	0	23.71	0.235	23.68	0.233	23.61	0.230
5	16QAM	1	0	23.67	0.233	23.77	0.238	23.63	0.231
5	16QAM	1	12	23.75	0.237	23.63	0.231	23.68	0.233
5	16QAM	1	24	23.86	0.243	23.64	0.231	23.65	0.232
5	16QAM	12	0	22.72	0.187	22.62	0.183	22.53	0.179
5	16QAM	12	7	22.75	0.188	22.69	0.186	22.81	0.191
5	16QAM	12	13	22.76	0.189	22.76	0.189	22.68	0.185
5	16QAM	25	0	22.72	0.187	22.68	0.185	22.86	0.193

LTE Band2				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18615		18900		19185	
Frequency (MHz)				1851.5		1880		1908.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	24.53	0.284	24.50	0.282	24.48	0.281
3	QPSK	1	8	24.57	0.286	24.49	0.281	24.38	0.274
3	QPSK	1	14	24.52	0.283	24.42	0.277	24.09	0.256
3	QPSK	8	0	23.69	0.234	23.67	0.233	23.52	0.225
3	QPSK	8	4	23.51	0.224	23.63	0.231	23.53	0.225
3	QPSK	8	7	23.55	0.226	23.66	0.232	23.51	0.224
3	QPSK	15	0	23.55	0.226	23.67	0.233	23.63	0.231
3	16QAM	1	0	23.65	0.232	23.68	0.233	23.66	0.232
3	16QAM	1	8	23.66	0.232	23.68	0.233	23.69	0.234
3	16QAM	1	14	23.63	0.231	23.51	0.224	23.54	0.226
3	16QAM	8	0	22.62	0.183	22.66	0.185	22.68	0.185
3	16QAM	8	4	22.61	0.182	22.76	0.189	22.66	0.185
3	16QAM	8	7	22.56	0.180	22.61	0.182	22.68	0.185
3	16QAM	15	0	22.52	0.179	22.68	0.185	22.78	0.190

LTE Band2				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18607		18900		19193	
Frequency (MHz)				1850.7		1880		1909.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	24.55	0.285	24.54	0.284	24.52	0.283
1.4	QPSK	1	3	24.64	0.291	24.51	0.282	24.54	0.284
1.4	QPSK	1	5	24.64	0.291	24.62	0.290	24.51	0.282
1.4	QPSK	3	0	24.65	0.292	24.64	0.291	24.59	0.288
1.4	QPSK	3	1	24.64	0.291	24.65	0.292	24.65	0.292
1.4	QPSK	3	3	24.59	0.288	24.66	0.292	24.62	0.290
1.4	QPSK	6	0	23.66	0.232	23.66	0.232	23.69	0.234
1.4	16QAM	1	0	23.66	0.232	23.66	0.232	23.69	0.234
1.4	16QAM	1	3	23.68	0.233	23.52	0.225	23.66	0.232
1.4	16QAM	1	5	23.65	0.232	23.58	0.228	23.59	0.229
1.4	16QAM	3	0	23.57	0.228	23.54	0.226	23.61	0.230
1.4	16QAM	3	1	23.52	0.225	23.56	0.227	23.62	0.230
1.4	16QAM	3	3	23.72	0.236	23.76	0.238	23.65	0.232
1.4	16QAM	6	0	22.72	0.187	22.67	0.185	22.69	0.186

LTE Band4				Measured EIRP					
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	22.89	0.195	23.01	0.200	22.94	0.197
20	QPSK	1	49	22.58	0.181	22.81	0.191	22.86	0.193
20	QPSK	1	99	22.63	0.183	22.71	0.187	23.00	0.200
20	QPSK	50	0	21.72	0.149	21.88	0.154	21.83	0.152
20	QPSK	50	24	21.71	0.148	21.63	0.146	21.80	0.151
20	QPSK	50	50	21.64	0.146	21.73	0.149	21.83	0.152
20	QPSK	100	0	21.63	0.146	21.74	0.149	21.98	0.158
20	16QAM	1	0	21.73	0.149	21.79	0.151	22.04	0.160
20	16QAM	1	49	21.84	0.153	21.74	0.149	21.68	0.147
20	16QAM	1	99	21.83	0.152	21.78	0.151	22.02	0.159
20	16QAM	50	0	20.79	0.120	20.84	0.121	20.88	0.122
20	16QAM	50	24	20.65	0.116	20.96	0.125	21.00	0.126
20	16QAM	50	50	20.76	0.119	20.88	0.122	20.96	0.125
20	16QAM	100	0	20.56	0.114	20.82	0.121	21.05	0.127

LTE Band4				Measured EIRP					
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	22.73	0.187	22.70	0.186	22.92	0.196
15	QPSK	1	37	22.78	0.190	22.69	0.186	22.61	0.182
15	QPSK	1	74	22.84	0.192	22.82	0.191	22.89	0.195
15	QPSK	36	0	21.75	0.150	21.55	0.143	22.04	0.160
15	QPSK	36	20	21.55	0.143	21.58	0.144	21.96	0.157
15	QPSK	36	39	21.58	0.144	21.79	0.151	21.98	0.158
15	QPSK	75	0	21.69	0.148	21.80	0.151	22.06	0.161
15	16QAM	1	0	21.83	0.152	21.78	0.151	21.76	0.150
15	16QAM	1	37	21.84	0.153	21.74	0.149	21.98	0.158
15	16QAM	1	74	21.73	0.149	21.80	0.151	21.75	0.150
15	16QAM	36	0	20.75	0.119	20.56	0.114	20.86	0.122
15	16QAM	36	20	20.52	0.113	20.52	0.113	20.89	0.123
15	16QAM	36	39	20.40	0.110	20.90	0.123	20.89	0.123
15	16QAM	75	0	20.49	0.112	20.76	0.119	20.88	0.122

LTE Band4				Measured EIRP					
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	22.71	0.187	22.72	0.187	22.70	0.186
10	QPSK	1	25	22.84	0.192	22.94	0.197	22.73	0.187
10	QPSK	1	49	22.68	0.185	22.80	0.191	22.89	0.195
10	QPSK	25	0	21.68	0.147	21.68	0.147	22.05	0.160
10	QPSK	25	12	21.88	0.154	21.83	0.152	21.98	0.158
10	QPSK	25	25	21.82	0.152	21.82	0.152	22.00	0.158
10	QPSK	50	0	21.72	0.149	21.72	0.149	21.95	0.157
10	16QAM	1	0	21.78	0.151	21.66	0.147	22.05	0.160
10	16QAM	1	25	21.79	0.151	21.75	0.150	22.06	0.161
10	16QAM	1	49	21.82	0.152	21.72	0.149	21.68	0.147
10	16QAM	25	0	20.74	0.119	20.83	0.121	21.05	0.127
10	16QAM	25	12	20.60	0.115	20.92	0.124	20.89	0.123
10	16QAM	25	25	20.76	0.119	20.82	0.121	20.95	0.124
10	16QAM	50	0	20.83	0.121	20.66	0.116	20.92	0.124

LTE Band4				Measured EIRP					
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	22.79	0.190	22.94	0.197	22.69	0.186
5	QPSK	1	12	22.78	0.190	22.71	0.187	22.69	0.186
5	QPSK	1	24	22.76	0.189	22.78	0.190	22.93	0.196
5	QPSK	12	0	21.75	0.150	21.70	0.148	22.03	0.160
5	QPSK	12	7	21.88	0.154	21.74	0.149	21.98	0.158
5	QPSK	12	13	21.81	0.152	21.81	0.152	21.95	0.157
5	QPSK	25	0	21.89	0.155	21.71	0.148	21.90	0.155
5	16QAM	1	0	21.73	0.149	21.73	0.149	21.89	0.155
5	16QAM	1	12	21.94	0.156	21.84	0.153	21.78	0.151
5	16QAM	1	24	21.82	0.152	21.74	0.149	21.80	0.151
5	16QAM	12	0	20.74	0.119	20.93	0.124	20.99	0.126
5	16QAM	12	7	20.80	0.120	20.72	0.118	20.88	0.122
5	16QAM	12	13	20.79	0.120	20.82	0.121	20.93	0.124
5	16QAM	25	0	20.72	0.118	20.73	0.118	20.98	0.125

LTE Band4				Measured EIRP					
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	22.74	0.188	22.80	0.191	22.64	0.184
3	QPSK	1	8	22.86	0.193	22.73	0.187	22.71	0.187
3	QPSK	1	14	22.83	0.192	22.80	0.191	22.59	0.182
3	QPSK	8	0	21.82	0.152	21.91	0.155	22.10	0.162
3	QPSK	8	4	21.89	0.155	21.73	0.149	22.02	0.159
3	QPSK	8	7	21.91	0.155	21.76	0.150	22.05	0.160
3	QPSK	15	0	21.54	0.143	21.74	0.149	21.99	0.158
3	16QAM	1	0	21.74	0.149	21.78	0.151	21.84	0.153
3	16QAM	1	8	21.75	0.150	21.86	0.153	21.82	0.152
3	16QAM	1	14	21.79	0.151	21.75	0.150	21.73	0.149
3	16QAM	8	0	20.71	0.118	20.74	0.119	20.84	0.121
3	16QAM	8	4	20.71	0.118	20.72	0.118	20.83	0.121
3	16QAM	8	7	20.90	0.123	20.75	0.119	20.80	0.120
3	16QAM	15	0	20.82	0.121	20.66	0.116	20.94	0.124

LTE Band4				Measured EIRP					
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	22.76	0.189	22.78	0.190	22.73	0.187
1.4	QPSK	1	3	22.80	0.191	22.81	0.191	22.69	0.186
1.4	QPSK	1	5	22.75	0.188	22.65	0.184	22.72	0.187
1.4	QPSK	3	0	22.78	0.190	22.68	0.185	22.63	0.183
1.4	QPSK	3	1	22.75	0.188	22.68	0.185	22.72	0.187
1.4	QPSK	3	3	22.74	0.188	22.81	0.191	22.69	0.186
1.4	QPSK	6	0	21.69	0.148	21.68	0.147	22.03	0.160
1.4	16QAM	1	0	21.78	0.151	21.73	0.149	21.71	0.148
1.4	16QAM	1	3	21.86	0.153	21.75	0.150	21.74	0.149
1.4	16QAM	1	5	21.71	0.148	21.72	0.149	21.86	0.153
1.4	16QAM	3	0	21.70	0.148	21.73	0.149	22.01	0.159
1.4	16QAM	3	1	21.75	0.150	21.82	0.152	21.79	0.151
1.4	16QAM	3	3	21.86	0.153	21.89	0.155	21.86	0.153
1.4	16QAM	6	0	20.76	0.119	20.75	0.119	20.85	0.122

LTE Band5				Measured ERP					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20450		20525		20600	
Frequency (MHz)				829		836.5		844	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	20.36	0.109	20.50	0.112	20.43	0.110
10	QPSK	1	25	20.11	0.103	20.45	0.111	20.38	0.109
10	QPSK	1	49	20.28	0.107	20.18	0.104	20.00	0.100
10	QPSK	25	0	19.10	0.081	19.44	0.088	19.25	0.084
10	QPSK	25	12	19.34	0.086	19.40	0.087	19.40	0.087
10	QPSK	25	25	19.23	0.084	19.33	0.086	19.32	0.086
10	QPSK	50	0	19.21	0.083	19.21	0.083	19.36	0.086
10	16QAM	1	0	18.75	0.075	19.19	0.083	19.10	0.081
10	16QAM	1	25	18.92	0.078	18.98	0.079	19.01	0.080
10	16QAM	1	49	18.96	0.079	18.91	0.078	19.18	0.083
10	16QAM	25	0	18.35	0.068	18.02	0.063	18.33	0.068
10	16QAM	25	12	18.33	0.068	18.30	0.068	18.48	0.070
10	16QAM	25	25	18.45	0.070	18.21	0.066	18.30	0.068
10	16QAM	50	0	18.19	0.066	18.55	0.072	18.38	0.069

LTE Band5				Measured ERP					
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	20.18	0.104	20.38	0.109	20.18	0.104
5	QPSK	1	12	20.09	0.102	20.42	0.110	20.45	0.111
5	QPSK	1	24	20.28	0.107	20.09	0.102	20.05	0.101
5	QPSK	12	0	19.10	0.081	19.16	0.082	19.31	0.085
5	QPSK	12	7	19.10	0.081	19.31	0.085	19.26	0.084
5	QPSK	12	13	19.23	0.084	19.36	0.086	19.35	0.086
5	QPSK	25	0	19.25	0.084	19.25	0.084	19.41	0.087
5	16QAM	1	0	19.23	0.084	19.24	0.084	19.25	0.084
5	16QAM	1	12	18.94	0.078	19.01	0.080	19.10	0.081
5	16QAM	1	24	19.03	0.080	19.41	0.087	19.21	0.083
5	16QAM	12	0	18.12	0.065	18.16	0.065	18.20	0.066
5	16QAM	12	7	18.45	0.070	18.23	0.067	18.33	0.068
5	16QAM	12	13	18.22	0.066	18.19	0.066	18.21	0.066
5	16QAM	25	0	18.24	0.067	18.54	0.071	18.42	0.070

LTE Band5				Measured ERP					
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	20.10	0.102	20.16	0.104	20.18	0.104
3	QPSK	1	8	20.09	0.102	20.41	0.110	20.41	0.110
3	QPSK	1	14	19.93	0.098	20.23	0.105	20.11	0.103
3	QPSK	8	0	19.28	0.085	19.18	0.083	19.30	0.085
3	QPSK	8	4	19.22	0.084	19.44	0.088	19.28	0.085
3	QPSK	8	7	19.18	0.083	19.30	0.085	19.39	0.087
3	QPSK	15	0	19.10	0.081	19.25	0.084	19.28	0.085
3	16QAM	1	0	19.09	0.081	19.29	0.085	19.06	0.081
3	16QAM	1	8	19.30	0.085	19.23	0.084	19.21	0.083
3	16QAM	1	14	19.35	0.086	19.23	0.084	19.06	0.081
3	16QAM	8	0	18.13	0.065	18.10	0.065	18.23	0.067
3	16QAM	8	4	18.21	0.066	18.30	0.068	18.22	0.066
3	16QAM	8	7	18.32	0.068	18.24	0.067	18.38	0.069
3	16QAM	15	0	18.14	0.065	18.38	0.069	18.08	0.064

LTE Band5				Measured ERP					
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	20.31	0.107	20.20	0.105	20.19	0.104
1.4	QPSK	1	3	20.15	0.104	20.43	0.110	20.25	0.106
1.4	QPSK	1	5	20.22	0.105	20.30	0.107	20.12	0.103
1.4	QPSK	3	0	20.21	0.105	20.24	0.106	20.19	0.104
1.4	QPSK	3	1	20.18	0.104	20.28	0.107	20.28	0.107
1.4	QPSK	3	3	20.29	0.107	20.19	0.104	20.22	0.105
1.4	QPSK	6	0	19.29	0.085	19.30	0.085	19.19	0.083
1.4	16QAM	1	0	19.21	0.083	18.90	0.078	19.16	0.082
1.4	16QAM	1	3	19.29	0.085	19.01	0.080	19.38	0.087
1.4	16QAM	1	5	19.23	0.084	18.94	0.078	19.23	0.084
1.4	16QAM	3	0	19.23	0.084	19.24	0.084	19.31	0.085
1.4	16QAM	3	1	19.29	0.085	19.28	0.085	19.21	0.083
1.4	16QAM	3	3	19.24	0.084	19.29	0.085	19.22	0.084
1.4	16QAM	6	0	18.34	0.068	18.31	0.068	18.48	0.070

LTE Band7				Measured EIRP					
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	25.30	0.339	25.23	0.333	25.43	0.349
20	QPSK	1	49	25.30	0.339	25.49	0.354	25.20	0.331
20	QPSK	1	99	25.11	0.324	25.23	0.333	25.09	0.323
20	QPSK	50	0	24.38	0.274	24.38	0.274	24.32	0.270
20	QPSK	50	24	24.32	0.270	24.31	0.270	24.32	0.270
20	QPSK	50	50	24.18	0.262	24.33	0.271	24.30	0.269
20	QPSK	100	0	24.37	0.274	24.32	0.270	24.29	0.269
20	16QAM	1	0	24.60	0.288	24.14	0.259	24.43	0.277
20	16QAM	1	49	24.16	0.261	24.16	0.261	24.50	0.282
20	16QAM	1	99	24.13	0.259	24.30	0.269	24.14	0.259
20	16QAM	50	0	23.34	0.216	23.41	0.219	23.36	0.217
20	16QAM	50	24	23.35	0.216	23.47	0.222	23.32	0.215
20	16QAM	50	50	23.20	0.209	23.34	0.216	23.36	0.217
20	16QAM	100	0	23.33	0.215	23.39	0.218	23.29	0.213

LTE Band7				Measured EIRP					
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	25.39	0.346	25.28	0.337	25.19	0.330
15	QPSK	1	37	25.34	0.342	25.43	0.349	25.20	0.331
15	QPSK	1	74	25.20	0.331	25.41	0.348	25.21	0.332
15	QPSK	36	0	24.38	0.274	24.33	0.271	24.25	0.266
15	QPSK	36	20	24.30	0.269	24.39	0.275	24.26	0.267
15	QPSK	36	39	24.29	0.269	24.28	0.268	24.30	0.269
15	QPSK	75	0	24.49	0.281	24.37	0.274	24.25	0.266
15	16QAM	1	0	24.60	0.288	24.15	0.260	24.26	0.267
15	16QAM	1	37	24.51	0.282	24.27	0.267	24.64	0.291
15	16QAM	1	74	24.28	0.268	24.45	0.279	24.28	0.268
15	16QAM	36	0	23.44	0.221	23.35	0.216	23.35	0.216
15	16QAM	36	20	23.43	0.220	23.52	0.225	23.30	0.214
15	16QAM	36	39	23.24	0.211	23.28	0.213	23.23	0.210
15	16QAM	75	0	23.46	0.222	23.40	0.219	23.27	0.212

LTE Band7				Measured EIRP					
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	25.32	0.340	25.21	0.332	25.12	0.325
10	QPSK	1	25	25.27	0.337	25.36	0.344	25.13	0.326
10	QPSK	1	49	25.13	0.326	25.34	0.342	25.14	0.327
10	QPSK	25	0	24.31	0.270	24.26	0.267	24.18	0.262
10	QPSK	25	12	24.23	0.265	24.32	0.270	24.19	0.262
10	QPSK	25	25	24.22	0.264	24.21	0.264	24.23	0.265
10	QPSK	50	0	24.42	0.277	24.30	0.269	24.18	0.262
10	16QAM	1	0	24.53	0.284	24.08	0.256	24.19	0.262
10	16QAM	1	25	24.44	0.278	24.20	0.263	24.57	0.286
10	16QAM	1	49	24.21	0.264	24.38	0.274	24.21	0.264
10	16QAM	25	0	23.37	0.217	23.28	0.213	23.28	0.213
10	16QAM	25	12	23.36	0.217	23.45	0.221	23.23	0.210
10	16QAM	25	25	23.17	0.207	23.21	0.209	23.16	0.207
10	16QAM	50	0	23.39	0.218	23.33	0.215	23.20	0.209

LTE Band7				Measured EIRP					
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	25.23	0.333	25.16	0.328	25.36	0.344
5	QPSK	1	12	25.23	0.333	25.42	0.348	25.23	0.333
5	QPSK	1	24	25.14	0.327	25.16	0.328	25.02	0.318
5	QPSK	12	0	24.31	0.270	24.18	0.262	24.31	0.270
5	QPSK	12	7	24.25	0.266	24.24	0.265	24.25	0.266
5	QPSK	12	13	24.11	0.258	24.26	0.267	24.23	0.265
5	QPSK	25	0	24.30	0.269	24.25	0.266	24.22	0.264
5	16QAM	1	0	24.43	0.277	24.07	0.255	24.46	0.279
5	16QAM	1	12	23.99	0.251	24.09	0.256	24.43	0.277
5	16QAM	1	24	23.96	0.249	24.23	0.265	24.17	0.261
5	16QAM	12	0	23.27	0.212	23.34	0.216	23.29	0.213
5	16QAM	12	7	23.28	0.213	23.40	0.219	23.25	0.211
5	16QAM	12	13	23.13	0.206	23.27	0.212	23.29	0.213
5	16QAM	25	0	23.26	0.212	23.32	0.215	23.22	0.210

LTE Band12				Measured EIRP					
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	22.64	0.184	22.65	0.184	22.79	0.190
10	QPSK	1	25	23.12	0.205	22.98	0.199	23.03	0.201
10	QPSK	1	49	22.62	0.183	22.66	0.185	22.63	0.183
10	QPSK	25	0	22.00	0.158	22.10	0.162	22.06	0.161
10	QPSK	25	12	22.11	0.163	22.03	0.160	22.04	0.160
10	QPSK	25	25	22.14	0.164	22.02	0.159	22.01	0.159
10	QPSK	50	0	22.05	0.160	22.05	0.160	22.09	0.162
10	16QAM	1	0	21.64	0.146	21.56	0.143	21.54	0.143
10	16QAM	1	25	21.93	0.156	21.91	0.155	21.82	0.152
10	16QAM	1	49	21.96	0.157	21.55	0.143	21.56	0.143
10	16QAM	25	0	21.02	0.126	21.10	0.129	21.12	0.129
10	16QAM	25	12	21.10	0.129	21.18	0.131	20.98	0.125
10	16QAM	25	25	20.99	0.126	21.03	0.127	21.05	0.127
10	16QAM	50	0	21.05	0.127	21.05	0.127	20.95	0.124

LTE Band12				Measured EIRP					
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	22.77	0.189	22.80	0.191	22.75	0.188
5	QPSK	1	12	22.66	0.185	23.04	0.201	22.97	0.198
5	QPSK	1	24	22.68	0.185	22.56	0.180	22.65	0.184
5	QPSK	12	0	21.98	0.158	22.03	0.160	21.97	0.157
5	QPSK	12	7	21.98	0.158	22.11	0.163	22.03	0.160
5	QPSK	12	13	21.84	0.153	21.99	0.158	21.96	0.157
5	QPSK	25	0	21.86	0.153	21.98	0.158	21.95	0.157
5	16QAM	1	0	21.63	0.146	21.82	0.152	21.86	0.153
5	16QAM	1	12	21.51	0.142	21.62	0.145	21.48	0.141
5	16QAM	1	24	21.71	0.148	21.53	0.142	21.51	0.142
5	16QAM	12	0	20.83	0.121	21.06	0.128	21.09	0.129
5	16QAM	12	7	20.80	0.120	20.95	0.124	21.12	0.129
5	16QAM	12	13	21.06	0.128	20.84	0.121	21.08	0.128
5	16QAM	25	0	21.13	0.130	20.93	0.124	21.10	0.129

LTE Band12				Measured EIRP					
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	22.77	0.189	22.72	0.187	22.74	0.188
3	QPSK	1	8	22.80	0.191	22.75	0.188	22.75	0.188
3	QPSK	1	14	22.50	0.178	22.80	0.191	22.78	0.190
3	QPSK	8	0	21.98	0.158	21.89	0.155	21.95	0.157
3	QPSK	8	4	22.08	0.161	22.02	0.159	22.09	0.162
3	QPSK	8	7	21.92	0.156	22.06	0.161	22.03	0.160
3	QPSK	15	0	21.98	0.158	21.95	0.157	22.01	0.159
3	16QAM	1	0	21.75	0.150	21.74	0.149	21.80	0.151
3	16QAM	1	8	21.76	0.150	21.61	0.145	22.02	0.159
3	16QAM	1	14	21.78	0.151	21.83	0.152	21.81	0.152
3	16QAM	8	0	20.76	0.119	21.07	0.128	20.80	0.120
3	16QAM	8	4	20.96	0.125	21.05	0.127	21.13	0.130
3	16QAM	8	7	21.01	0.126	21.19	0.132	21.25	0.133
3	16QAM	15	0	20.92	0.124	20.96	0.125	21.16	0.131

LTE Band12				Measured EIRP					
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	22.63	0.183	22.92	0.196	22.86	0.193
1.4	QPSK	1	3	22.66	0.185	22.95	0.197	22.93	0.196
1.4	QPSK	1	5	22.51	0.178	22.95	0.197	22.91	0.195
1.4	QPSK	3	0	22.90	0.195	23.03	0.201	22.84	0.192
1.4	QPSK	3	1	23.06	0.202	23.07	0.203	22.94	0.197
1.4	QPSK	3	3	23.01	0.200	22.98	0.199	22.88	0.194
1.4	QPSK	6	0	21.92	0.156	22.07	0.161	21.93	0.156
1.4	16QAM	1	0	21.96	0.157	21.65	0.146	21.73	0.149
1.4	16QAM	1	3	22.10	0.162	21.66	0.147	21.79	0.151
1.4	16QAM	1	5	21.97	0.157	21.90	0.155	21.88	0.154
1.4	16QAM	3	0	21.78	0.151	21.97	0.157	21.97	0.157
1.4	16QAM	3	1	21.95	0.157	22.12	0.163	22.04	0.160
1.4	16QAM	3	3	21.92	0.156	22.15	0.164	21.89	0.155
1.4	16QAM	6	0	21.04	0.127	21.04	0.127	21.05	0.127

LTE Band14				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				/		23330		/	
Frequency (MHz)				/		793		/	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	/	/	23.82	0.241	/	/
10	QPSK	1	25	/	/	24.03	0.253	/	/
10	QPSK	1	49	/	/	23.57	0.228	/	/
10	QPSK	25	0	/	/	22.98	0.199	/	/
10	QPSK	25	12	/	/	22.96	0.198	/	/
10	QPSK	25	25	/	/	22.82	0.191	/	/
10	QPSK	50	0	/	/	23.07	0.203	/	/
10	16QAM	1	0	/	/	22.95	0.197	/	/
10	16QAM	1	25	/	/	23.03	0.201	/	/
10	16QAM	1	49	/	/	23.09	0.204	/	/
10	16QAM	25	0	/	/	22.04	0.160	/	/
10	16QAM	25	12	/	/	22.07	0.161	/	/
10	16QAM	25	25	/	/	21.90	0.155	/	/
10	16QAM	50	0	/	/	22.01	0.159	/	/

LTE Band14				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23305		23330		23355	
Frequency (MHz)				790.5		793		795.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	23.79	0.239	23.74	0.237	23.77	0.238
5	QPSK	1	12	24.02	0.252	23.95	0.248	23.89	0.245
5	QPSK	1	24	23.84	0.242	23.71	0.235	23.83	0.242
5	QPSK	12	0	23.04	0.201	22.92	0.196	22.74	0.188
5	QPSK	12	7	22.63	0.183	22.93	0.196	22.67	0.185
5	QPSK	12	13	23.12	0.205	23.03	0.201	22.65	0.184
5	QPSK	25	0	23.12	0.205	23.28	0.213	22.95	0.197
5	16QAM	1	0	22.89	0.195	22.84	0.192	22.88	0.194
5	16QAM	1	12	22.88	0.194	22.90	0.195	22.81	0.191
5	16QAM	1	24	22.80	0.191	22.68	0.185	22.74	0.188
5	16QAM	12	0	22.07	0.161	21.76	0.150	21.89	0.155
5	16QAM	12	7	21.79	0.151	21.74	0.149	21.83	0.152
5	16QAM	12	13	21.71	0.148	21.85	0.153	21.81	0.152
5	16QAM	25	0	22.09	0.162	22.16	0.164	22.10	0.162

LTE Band 17				Measured ERP					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23780		23790		23800	
Frequency (MHz)				709		710		711	
				dbm	W	dbm	W	dbm	W
10	QPSK	1	0	21.24	0.133	21.13	0.130	20.99	0.126
10	QPSK	1	25	21.28	0.134	21.18	0.131	21.08	0.128
10	QPSK	1	49	21.10	0.129	20.87	0.122	20.80	0.120
10	QPSK	25	0	20.38	0.109	20.22	0.105	20.21	0.105
10	QPSK	25	12	20.42	0.110	20.14	0.103	20.15	0.104
10	QPSK	25	25	20.32	0.108	20.16	0.104	20.04	0.101
10	QPSK	50	0	20.38	0.109	20.12	0.103	20.13	0.103
10	16QAM	1	0	19.96	0.099	19.93	0.098	19.89	0.097
10	16QAM	1	25	20.18	0.104	19.87	0.097	20.23	0.105
10	16QAM	1	49	20.25	0.106	19.84	0.096	19.85	0.097
10	16QAM	25	0	19.31	0.085	19.03	0.080	19.12	0.082
10	16QAM	25	12	19.26	0.084	18.84	0.077	18.94	0.078
10	16QAM	25	25	19.27	0.085	19.01	0.080	18.93	0.078
10	16QAM	50	0	19.29	0.085	19.02	0.080	18.86	0.077

LTE Band 17				Measured ERP					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23035		23790		23155	
Frequency (MHz)				706.5		710		713.5	
				dbm	W	dbm	W	dbm	W
5	QPSK	1	0	21.26	0.134	21.02	0.126	21.12	0.129
5	QPSK	1	12	21.12	0.129	21.14	0.130	21.13	0.130
5	QPSK	1	24	21.06	0.128	21.04	0.127	20.89	0.123
5	QPSK	12	0	20.27	0.106	20.18	0.104	20.07	0.102
5	QPSK	12	7	20.25	0.106	19.96	0.099	20.00	0.100
5	QPSK	12	13	20.24	0.106	20.06	0.101	19.98	0.100
5	QPSK	25	0	20.34	0.108	19.98	0.100	19.97	0.099
5	16QAM	1	0	19.88	0.097	19.85	0.097	19.88	0.097
5	16QAM	1	12	19.75	0.094	19.55	0.090	20.01	0.100
5	16QAM	1	24	20.01	0.100	19.58	0.091	19.92	0.098
5	16QAM	12	0	19.10	0.081	18.80	0.076	19.03	0.080
5	16QAM	12	7	18.98	0.079	18.84	0.077	18.89	0.077
5	16QAM	12	13	18.96	0.079	18.85	0.077	18.80	0.076
5	16QAM	25	0	18.91	0.078	18.86	0.077	18.85	0.077

LTE Band25				Measured EIRP					
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	25.14	0.327	25.16	0.328	25.15	0.327
20	QPSK	1	49	25.43	0.349	25.60	0.363	25.45	0.351
20	QPSK	1	99	25.20	0.331	25.43	0.349	25.12	0.325
20	QPSK	50	0	24.51	0.282	24.68	0.294	24.66	0.292
20	QPSK	50	24	24.39	0.275	24.56	0.286	24.67	0.293
20	QPSK	50	50	24.31	0.270	24.62	0.290	24.42	0.277
20	QPSK	100	0	24.47	0.280	24.59	0.288	24.58	0.287
20	16QAM	1	0	24.45	0.279	24.01	0.252	24.43	0.277
20	16QAM	1	49	24.35	0.272	24.37	0.274	24.37	0.274
20	16QAM	1	99	24.31	0.270	24.26	0.267	23.99	0.251
20	16QAM	50	0	23.63	0.231	23.43	0.220	23.65	0.232
20	16QAM	50	24	23.53	0.225	23.72	0.236	23.66	0.232
20	16QAM	50	50	23.46	0.222	23.76	0.238	23.77	0.238
20	16QAM	100	0	23.44	0.221	23.58	0.228	23.86	0.243

LTE Band25				Measured EIRP					
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	25.42	0.348	25.23	0.333	25.28	0.337
15	QPSK	1	37	25.35	0.343	25.30	0.339	25.55	0.359
15	QPSK	1	74	25.40	0.347	25.41	0.348	25.30	0.339
15	QPSK	36	0	24.52	0.283	24.53	0.284	24.76	0.299
15	QPSK	36	20	24.55	0.285	24.63	0.290	24.61	0.289
15	QPSK	36	39	24.50	0.282	24.75	0.299	24.52	0.283
15	QPSK	75	0	24.49	0.281	24.66	0.292	24.59	0.288
15	16QAM	1	0	24.38	0.274	24.53	0.284	24.60	0.288
15	16QAM	1	37	24.60	0.288	24.69	0.294	24.26	0.267
15	16QAM	1	74	24.24	0.265	24.28	0.268	24.25	0.266
15	16QAM	36	0	23.64	0.231	23.54	0.226	23.66	0.232
15	16QAM	36	20	23.71	0.235	23.61	0.230	23.65	0.232
15	16QAM	36	39	23.56	0.227	23.77	0.238	23.55	0.226
15	16QAM	75	0	23.49	0.223	23.76	0.238	23.65	0.232

LTE Band25				Measured EIRP					
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	25.45	0.351	25.20	0.331	25.60	0.363
10	QPSK	1	25	25.55	0.359	25.59	0.362	25.37	0.344
10	QPSK	1	49	25.60	0.363	25.58	0.361	25.34	0.342
10	QPSK	25	0	24.58	0.287	24.61	0.289	24.58	0.287
10	QPSK	25	12	24.63	0.290	24.60	0.288	25.05	0.320
10	QPSK	25	25	24.61	0.289	24.57	0.286	24.60	0.288
10	QPSK	50	0	24.49	0.281	24.47	0.280	24.75	0.299
10	16QAM	1	0	24.33	0.271	24.51	0.282	24.42	0.277
10	16QAM	1	25	24.53	0.284	24.63	0.290	24.45	0.279
10	16QAM	1	49	24.64	0.291	24.19	0.262	24.39	0.275
10	16QAM	25	0	23.65	0.232	23.54	0.226	23.55	0.226
10	16QAM	25	12	23.53	0.225	23.66	0.232	23.64	0.231
10	16QAM	25	25	23.63	0.231	23.79	0.239	23.68	0.233
10	16QAM	50	0	23.72	0.236	23.77	0.238	23.76	0.238

LTE Band25				Measured EIRP					
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	25.24	0.334	25.08	0.322	25.42	0.348
5	QPSK	1	12	25.55	0.359	25.56	0.360	25.51	0.356
5	QPSK	1	24	25.30	0.339	25.55	0.359	25.54	0.358
5	QPSK	12	0	24.32	0.270	24.48	0.281	24.60	0.288
5	QPSK	12	7	24.46	0.279	24.60	0.288	24.48	0.281
5	QPSK	12	13	24.40	0.275	24.58	0.287	24.48	0.281
5	QPSK	25	0	24.34	0.272	24.60	0.288	24.55	0.285
5	16QAM	1	0	24.47	0.280	24.15	0.260	24.29	0.269
5	16QAM	1	12	24.44	0.278	24.47	0.280	23.99	0.251
5	16QAM	1	24	24.20	0.263	24.35	0.272	24.18	0.262
5	16QAM	12	0	23.65	0.232	23.55	0.226	23.62	0.230
5	16QAM	12	7	23.83	0.242	23.80	0.240	23.39	0.218
5	16QAM	12	13	23.38	0.218	23.67	0.233	23.53	0.225
5	16QAM	25	0	23.67	0.233	23.84	0.242	23.69	0.234

LTE Band25				Measured EIRP					
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	25.21	0.332	25.30	0.339	25.59	0.362
3	QPSK	1	8	25.28	0.337	25.48	0.353	25.55	0.359
3	QPSK	1	14	25.29	0.338	25.47	0.352	25.59	0.362
3	QPSK	8	0	24.50	0.282	24.50	0.282	24.54	0.284
3	QPSK	8	4	24.64	0.291	24.57	0.286	24.45	0.279
3	QPSK	8	7	24.34	0.272	24.65	0.292	24.82	0.303
3	QPSK	15	0	24.55	0.285	24.61	0.289	24.45	0.279
3	16QAM	1	0	24.14	0.259	24.20	0.263	23.95	0.248
3	16QAM	1	8	24.02	0.252	24.11	0.258	23.99	0.251
3	16QAM	1	14	24.09	0.256	24.12	0.258	24.43	0.277
3	16QAM	8	0	23.60	0.229	23.77	0.238	23.63	0.231
3	16QAM	8	4	23.80	0.240	23.63	0.231	24.04	0.254
3	16QAM	8	7	23.77	0.238	23.90	0.245	23.85	0.243
3	16QAM	15	0	23.59	0.229	23.74	0.237	23.46	0.222

LTE Band25				Measured EIRP					
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	25.23	0.333	25.37	0.344	25.54	0.358
1.4	QPSK	1	3	25.34	0.342	25.51	0.356	25.59	0.362
1.4	QPSK	1	5	25.25	0.335	25.48	0.353	25.55	0.359
1.4	QPSK	3	0	25.15	0.327	25.09	0.323	25.04	0.319
1.4	QPSK	3	1	25.04	0.319	25.07	0.321	24.94	0.312
1.4	QPSK	3	3	25.02	0.318	25.01	0.317	24.90	0.309
1.4	QPSK	6	0	24.49	0.281	24.59	0.288	24.37	0.274
1.4	16QAM	1	0	24.30	0.269	24.33	0.271	24.35	0.272
1.4	16QAM	1	3	24.08	0.256	24.37	0.274	24.40	0.275
1.4	16QAM	1	5	24.43	0.277	24.36	0.273	24.03	0.253
1.4	16QAM	3	0	24.35	0.272	24.49	0.281	24.46	0.279
1.4	16QAM	3	1	24.49	0.281	24.45	0.279	24.36	0.273
1.4	16QAM	3	3	24.41	0.276	24.47	0.280	24.43	0.277
1.4	16QAM	6	0	23.55	0.226	23.62	0.230	23.37	0.217

LTE Band26				Measured ERP					
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	22.80	0.191	22.90	0.195	23.06	0.202
15	QPSK	1	37	23.08	0.203	22.92	0.196	23.19	0.208
15	QPSK	1	74	22.92	0.196	23.03	0.201	23.26	0.212
15	QPSK	36	0	22.05	0.160	22.13	0.163	22.23	0.167
15	QPSK	36	20	22.12	0.163	22.05	0.160	22.20	0.166
15	QPSK	36	39	22.02	0.159	22.17	0.165	22.14	0.164
15	QPSK	75	0	22.12	0.163	22.10	0.162	22.15	0.164
15	16QAM	1	0	21.89	0.155	21.86	0.153	21.85	0.153
15	16QAM	1	37	21.53	0.142	21.66	0.147	21.98	0.158
15	16QAM	1	74	21.57	0.144	21.65	0.146	21.96	0.157
15	16QAM	36	0	21.11	0.129	21.14	0.130	21.37	0.137
15	16QAM	36	20	21.15	0.130	21.07	0.128	21.32	0.136
15	16QAM	36	39	21.11	0.129	21.17	0.131	21.12	0.129
15	16QAM	75	0	21.15	0.130	21.16	0.131	21.13	0.130

LTE Band26				Measured ERP					
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	22.79	0.190	22.89	0.194	23.05	0.202
10	QPSK	1	25	23.07	0.203	22.91	0.195	23.18	0.208
10	QPSK	1	49	22.91	0.195	23.02	0.200	23.25	0.211
10	QPSK	25	0	22.04	0.160	22.12	0.163	22.22	0.167
10	QPSK	25	12	22.11	0.162	22.04	0.160	22.19	0.166
10	QPSK	25	25	22.01	0.159	22.16	0.164	22.13	0.163
10	QPSK	50	0	22.11	0.162	22.09	0.162	22.14	0.164
10	16QAM	1	0	21.88	0.154	21.85	0.153	21.84	0.153
10	16QAM	1	25	21.52	0.142	21.65	0.146	21.97	0.157
10	16QAM	1	49	21.56	0.143	21.64	0.146	21.95	0.157
10	16QAM	25	0	21.10	0.129	21.13	0.130	21.36	0.137
10	16QAM	25	12	21.14	0.130	21.06	0.128	21.31	0.135
10	16QAM	25	25	21.10	0.129	21.16	0.131	21.11	0.129
10	16QAM	50	0	21.14	0.130	21.15	0.130	21.12	0.129

LTE Band26				Measured ERP					
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	22.77	0.189	22.87	0.193	23.03	0.201
5	QPSK	1	12	23.05	0.202	22.89	0.194	23.16	0.207
5	QPSK	1	24	22.89	0.194	23.00	0.199	23.23	0.210
5	QPSK	12	0	22.02	0.159	22.10	0.162	22.20	0.166
5	QPSK	12	7	22.09	0.162	22.02	0.159	22.17	0.165
5	QPSK	12	13	21.99	0.158	22.14	0.163	22.11	0.162
5	QPSK	25	0	22.09	0.162	22.07	0.161	22.12	0.163
5	16QAM	1	0	21.86	0.153	21.83	0.152	21.82	0.152
5	16QAM	1	12	21.50	0.141	21.63	0.145	21.95	0.156
5	16QAM	1	24	21.54	0.142	21.62	0.145	21.93	0.156
5	16QAM	12	0	21.08	0.128	21.11	0.129	21.34	0.136
5	16QAM	12	7	21.12	0.129	21.04	0.127	21.29	0.134
5	16QAM	12	13	21.08	0.128	21.14	0.130	21.09	0.128
5	16QAM	25	0	21.12	0.129	21.13	0.130	21.10	0.129

LTE Band26				Measured EIRP					
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	22.78	0.190	22.88	0.194	23.04	0.201
3	QPSK	1	8	23.06	0.202	22.90	0.195	23.17	0.207
3	QPSK	1	14	22.90	0.195	23.01	0.200	23.24	0.211
3	QPSK	8	0	22.03	0.160	22.11	0.163	22.21	0.166
3	QPSK	8	4	22.10	0.162	22.03	0.160	22.18	0.165
3	QPSK	8	7	22.00	0.158	22.15	0.164	22.12	0.163
3	QPSK	15	0	22.10	0.162	22.08	0.161	22.13	0.163
3	16QAM	1	0	21.87	0.154	21.84	0.153	21.83	0.152
3	16QAM	1	8	21.51	0.142	21.64	0.146	21.96	0.157
3	16QAM	1	14	21.55	0.143	21.63	0.146	21.94	0.156
3	16QAM	8	0	21.09	0.129	21.12	0.129	21.35	0.136
3	16QAM	8	4	21.13	0.130	21.05	0.127	21.30	0.135
3	16QAM	8	7	21.09	0.129	21.15	0.130	21.10	0.129
3	16QAM	15	0	21.13	0.130	21.14	0.130	21.11	0.129

LTE Band26				Measured EIRP					
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	22.65	0.184	22.75	0.188	22.91	0.195
1.4	QPSK	1	3	22.93	0.196	22.77	0.189	23.04	0.201
1.4	QPSK	1	5	22.77	0.189	22.88	0.194	23.11	0.205
1.4	QPSK	3	0	21.90	0.155	21.98	0.158	22.08	0.161
1.4	QPSK	3	1	21.97	0.157	21.90	0.155	22.05	0.160
1.4	QPSK	3	3	21.87	0.154	22.02	0.159	21.99	0.158
1.4	QPSK	6	0	21.97	0.157	21.95	0.157	22.00	0.158
1.4	16QAM	1	0	21.74	0.149	21.71	0.148	21.70	0.148
1.4	16QAM	1	3	21.38	0.137	21.51	0.142	21.83	0.152
1.4	16QAM	1	5	21.42	0.139	21.50	0.141	21.81	0.152
1.4	16QAM	3	0	20.96	0.125	20.99	0.126	21.22	0.132
1.4	16QAM	3	1	21.00	0.126	20.92	0.124	21.17	0.131
1.4	16QAM	3	3	20.96	0.125	21.02	0.126	20.97	0.125
1.4	16QAM	6	0	21.00	0.126	21.01	0.126	20.98	0.125

LTE Band 30				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				/		27710		/	
Frequency (MHz)				/		2310		/	
				dbm	W	dbm	W	dbm	W
10	QPSK	1	0	/	/	20.94	0.124	/	/
10	QPSK	1	25	/	/	21.19	0.132	/	/
10	QPSK	1	49	/	/	20.81	0.121	/	/
10	QPSK	25	0	/	/	20.01	0.100	/	/
10	QPSK	25	12	/	/	20.06	0.101	/	/
10	QPSK	25	25	/	/	20.04	0.101	/	/
10	QPSK	50	0	/	/	19.96	0.099	/	/
10	16QAM	1	0	/	/	19.79	0.095	/	/
10	16QAM	1	25	/	/	19.96	0.099	/	/
10	16QAM	1	49	/	/	20.00	0.100	/	/
10	16QAM	25	0	/	/	19.14	0.082	/	/
10	16QAM	25	12	/	/	19.01	0.080	/	/
10	16QAM	25	25	/	/	18.98	0.079	/	/
10	16QAM	50	0	/	/	18.85	0.077	/	/

LTE Band 30				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				27685		27710		27735	
Frequency (MHz)				2307.5		2310		2312.5	
				dbm	W	dbm	W	dbm	W
5	QPSK	1	0	20.80	0.120	20.91	0.123	20.87	0.122
5	QPSK	1	12	20.69	0.117	20.94	0.124	20.98	0.125
5	QPSK	1	24	20.64	0.116	20.77	0.119	20.83	0.121
5	QPSK	12	0	19.81	0.096	19.95	0.099	19.91	0.098
5	QPSK	12	7	19.95	0.099	20.04	0.101	20.01	0.100
5	QPSK	12	13	19.81	0.096	20.06	0.101	19.91	0.098
5	QPSK	25	0	19.78	0.095	19.89	0.097	19.96	0.099
5	16QAM	1	0	19.88	0.097	19.89	0.097	19.59	0.091
5	16QAM	1	12	19.42	0.087	19.90	0.098	19.56	0.090
5	16QAM	1	24	19.61	0.091	19.67	0.093	19.48	0.089
5	16QAM	12	0	18.65	0.073	18.82	0.076	18.83	0.076
5	16QAM	12	7	18.82	0.076	19.01	0.080	18.98	0.079
5	16QAM	12	13	18.70	0.074	18.85	0.077	18.86	0.077
5	16QAM	25	0	18.88	0.077	18.97	0.079	19.10	0.081

LTE Band 41				Measured EIRP					
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	25.23	0.333	25.49	0.354	25.57	0.361
20	QPSK	1	49	25.49	0.354	25.50	0.355	25.72	0.373
20	QPSK	1	99	25.41	0.348	25.45	0.351	25.68	0.370
20	QPSK	50	0	24.61	0.289	24.42	0.277	24.74	0.298
20	QPSK	50	24	24.63	0.290	24.47	0.280	24.38	0.274
20	QPSK	50	50	24.35	0.272	24.44	0.278	24.43	0.277
20	QPSK	100	0	24.09	0.256	24.14	0.259	24.18	0.262
20	16QAM	1	0	24.05	0.254	23.94	0.248	24.33	0.271
20	16QAM	1	49	24.11	0.258	24.03	0.253	24.29	0.269
20	16QAM	1	99	23.89	0.245	23.98	0.250	24.28	0.268
20	16QAM	50	0	23.67	0.233	23.42	0.220	23.45	0.221
20	16QAM	50	24	23.69	0.234	23.47	0.222	23.49	0.223
20	16QAM	50	50	23.41	0.219	23.45	0.221	23.52	0.225
20	16QAM	100	0	23.48	0.223	23.51	0.224	23.31	0.214

LTE Band 41				Measured EIRP					
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	25.10	0.324	25.36	0.344	25.44	0.350
15	QPSK	1	37	25.36	0.344	25.17	0.329	25.59	0.362
15	QPSK	1	74	25.11	0.324	25.22	0.333	25.55	0.359
15	QPSK	36	0	24.48	0.281	24.39	0.275	24.51	0.282
15	QPSK	36	20	24.25	0.266	24.44	0.278	24.25	0.266
15	QPSK	36	39	24.22	0.264	24.51	0.282	24.30	0.269
15	QPSK	75	0	24.06	0.255	24.07	0.255	24.05	0.254
15	16QAM	1	0	24.02	0.252	23.91	0.246	24.20	0.263
15	16QAM	1	37	24.08	0.256	24.20	0.263	24.26	0.267
15	16QAM	1	74	24.06	0.255	23.85	0.243	24.15	0.260
15	16QAM	36	0	23.34	0.216	23.49	0.223	23.22	0.210
15	16QAM	36	20	23.26	0.212	23.44	0.221	23.36	0.217
15	16QAM	36	39	23.28	0.213	23.52	0.225	23.39	0.218
15	16QAM	75	0	23.35	0.216	23.58	0.228	23.18	0.208

LTE Band 41				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39700		40620		41540	
Frequency (MHz)				2550		2593		2685	
				dbm	W	dbm	W	dbm	W
10	QPSK	1	0	25.14	0.327	25.40	0.347	25.48	0.353
10	QPSK	1	25	25.40	0.347	25.21	0.332	25.63	0.366
10	QPSK	1	49	25.22	0.333	25.16	0.328	25.59	0.362
10	QPSK	25	0	24.52	0.283	24.33	0.271	24.55	0.285
10	QPSK	25	12	24.54	0.284	24.38	0.274	24.29	0.269
10	QPSK	25	25	24.26	0.267	24.35	0.272	24.34	0.272
10	QPSK	50	0	24.30	0.269	24.31	0.270	24.09	0.256
10	16QAM	1	0	24.06	0.255	23.85	0.243	24.14	0.259
10	16QAM	1	25	24.02	0.252	23.94	0.248	24.06	0.255
10	16QAM	1	49	24.10	0.257	23.79	0.239	24.19	0.262
10	16QAM	25	0	23.38	0.218	23.33	0.215	23.26	0.212
10	16QAM	25	12	23.46	0.222	23.38	0.218	23.40	0.219
10	16QAM	25	25	23.32	0.215	23.36	0.217	23.43	0.220
10	16QAM	50	0	23.39	0.218	23.42	0.220	23.22	0.210

LTE Band 41				Measured EIRP					
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	25.12	0.325	25.38	0.345	25.46	0.351
5	QPSK	1	12	25.38	0.345	25.19	0.330	25.61	0.364
5	QPSK	1	24	25.16	0.328	25.14	0.326	25.57	0.360
5	QPSK	12	0	24.50	0.282	24.31	0.270	24.43	0.277
5	QPSK	12	7	24.52	0.283	24.36	0.273	24.27	0.267
5	QPSK	12	13	24.26	0.267	24.33	0.271	24.32	0.270
5	QPSK	25	0	23.77	0.238	24.09	0.256	24.07	0.255
5	16QAM	1	0	23.83	0.241	23.63	0.230	24.02	0.252
5	16QAM	1	12	23.86	0.243	23.92	0.246	24.08	0.256
5	16QAM	1	24	23.66	0.232	23.87	0.244	24.07	0.255
5	16QAM	12	0	23.05	0.202	23.31	0.214	22.94	0.197
5	16QAM	12	7	23.07	0.203	23.36	0.217	23.38	0.218
5	16QAM	12	13	23.36	0.217	23.34	0.216	23.41	0.219
5	16QAM	25	0	23.29	0.213	23.40	0.219	23.20	0.209

LTE Band66				Measured EIRP					
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	22.95	0.197	23.00	0.200	22.94	0.197
20	QPSK	1	49	22.89	0.195	22.84	0.192	22.89	0.195
20	QPSK	1	99	22.73	0.187	22.73	0.187	22.92	0.196
20	QPSK	50	0	21.97	0.157	22.21	0.166	21.97	0.157
20	QPSK	50	24	21.99	0.158	22.00	0.158	22.07	0.161
20	QPSK	50	50	22.10	0.162	22.00	0.158	22.14	0.164
20	QPSK	100	0	22.02	0.159	21.95	0.157	21.92	0.156
20	16QAM	1	0	21.90	0.155	22.02	0.159	22.00	0.158
20	16QAM	1	49	22.03	0.160	21.91	0.155	22.02	0.159
20	16QAM	1	99	21.83	0.152	21.95	0.157	22.19	0.166
20	16QAM	50	0	20.93	0.124	21.15	0.130	21.00	0.126
20	16QAM	50	24	20.94	0.124	21.00	0.126	20.93	0.124
20	16QAM	50	50	21.00	0.126	20.92	0.124	21.00	0.126
20	16QAM	100	0	21.04	0.127	20.94	0.124	20.92	0.124

LTE Band66				Measured EIRP					
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	22.73	0.187	22.89	0.195	22.93	0.196
15	QPSK	1	37	22.83	0.192	22.84	0.192	22.83	0.192
15	QPSK	1	74	22.89	0.195	22.82	0.191	22.75	0.188
15	QPSK	36	0	22.14	0.164	22.11	0.163	22.06	0.161
15	QPSK	36	20	22.00	0.158	22.00	0.158	22.00	0.158
15	QPSK	36	39	21.99	0.158	21.92	0.156	22.06	0.161
15	QPSK	75	0	22.12	0.163	22.12	0.163	22.19	0.166
15	16QAM	1	0	21.96	0.157	21.91	0.155	22.00	0.158
15	16QAM	1	37	22.01	0.159	22.00	0.158	21.92	0.156
15	16QAM	1	74	21.67	0.147	21.94	0.156	21.91	0.155
15	16QAM	36	0	20.94	0.124	21.03	0.127	21.12	0.129
15	16QAM	36	20	21.15	0.130	21.00	0.126	21.00	0.126
15	16QAM	36	39	21.04	0.127	20.97	0.125	21.15	0.130
15	16QAM	75	0	21.12	0.129	20.96	0.125	21.00	0.126

LTE Band66				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				132022		132322		132622	
Frequency (MHz)				1715		1745		1775	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	22.93	0.196	22.82	0.191	22.70	0.186
10	QPSK	1	25	22.99	0.199	22.72	0.187	22.67	0.185
10	QPSK	1	49	22.90	0.195	22.70	0.186	22.82	0.191
10	QPSK	25	0	22.11	0.163	21.97	0.157	22.13	0.163
10	QPSK	25	12	22.10	0.162	21.96	0.157	22.09	0.162
10	QPSK	25	25	22.04	0.160	21.99	0.158	22.16	0.164
10	QPSK	50	0	22.07	0.161	22.00	0.158	22.12	0.163
10	16QAM	1	0	21.93	0.156	21.91	0.155	21.92	0.156
10	16QAM	1	25	21.95	0.157	21.91	0.155	22.00	0.158
10	16QAM	1	49	21.93	0.156	22.10	0.162	22.15	0.164
10	16QAM	25	0	21.10	0.129	20.99	0.126	21.10	0.129
10	16QAM	25	12	21.00	0.126	20.92	0.124	21.10	0.129
10	16QAM	25	25	20.95	0.124	21.04	0.127	20.96	0.125
10	16QAM	50	0	21.03	0.127	21.00	0.126	21.26	0.134

LTE Band66				Measured EIRP					
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	22.73	0.187	22.91	0.195	22.72	0.187
5	QPSK	1	12	22.82	0.191	22.89	0.195	22.67	0.185
5	QPSK	1	24	22.64	0.184	22.82	0.191	22.72	0.187
5	QPSK	12	0	21.97	0.157	22.09	0.162	22.12	0.163
5	QPSK	12	7	22.00	0.158	22.13	0.163	22.00	0.158
5	QPSK	12	13	22.05	0.160	22.06	0.161	22.10	0.162
5	QPSK	25	0	22.22	0.167	21.96	0.157	21.96	0.157
5	16QAM	1	0	21.97	0.157	22.05	0.160	21.91	0.155
5	16QAM	1	12	22.00	0.158	21.94	0.156	22.00	0.158
5	16QAM	1	24	21.93	0.156	22.00	0.158	21.92	0.156
5	16QAM	12	0	21.13	0.130	21.10	0.129	21.12	0.129
5	16QAM	12	7	21.19	0.132	20.96	0.125	20.94	0.124
5	16QAM	12	13	20.96	0.125	21.00	0.126	20.91	0.123
5	16QAM	25	0	21.00	0.126	21.00	0.126	20.89	0.123

LTE Band66				Measured EIRP					
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	22.71	0.187	22.60	0.182	22.63	0.183
3	QPSK	1	8	22.50	0.178	22.72	0.187	22.72	0.187
3	QPSK	1	14	22.52	0.179	22.73	0.187	22.70	0.186
3	QPSK	8	0	21.97	0.157	22.13	0.163	21.94	0.156
3	QPSK	8	4	22.07	0.161	22.03	0.160	22.01	0.159
3	QPSK	8	7	21.95	0.157	22.07	0.161	21.92	0.156
3	QPSK	15	0	22.00	0.158	22.19	0.166	22.00	0.158
3	16QAM	1	0	21.95	0.157	21.92	0.156	22.01	0.159
3	16QAM	1	8	22.00	0.158	22.00	0.158	21.99	0.158
3	16QAM	1	14	21.96	0.157	21.94	0.156	21.92	0.156
3	16QAM	8	0	21.13	0.130	21.04	0.127	20.96	0.125
3	16QAM	8	4	21.00	0.126	21.15	0.130	21.00	0.126
3	16QAM	8	7	20.92	0.124	21.00	0.126	20.93	0.124
3	16QAM	15	0	21.00	0.126	20.94	0.124	20.91	0.123

LTE Band66				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				131979		132322		132665	
Frequency (MHz)				1710.7		1745		1779.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	22.64	0.184	22.82	0.191	22.72	0.187
1.4	QPSK	1	3	22.50	0.178	22.67	0.185	22.50	0.178
1.4	QPSK	1	5	22.61	0.182	22.82	0.191	22.60	0.182
1.4	QPSK	3	0	22.39	0.173	22.49	0.177	22.53	0.179
1.4	QPSK	3	1	22.69	0.186	22.62	0.183	22.47	0.177
1.4	QPSK	3	3	22.61	0.182	22.56	0.180	22.61	0.182
1.4	QPSK	6	0	22.03	0.160	22.17	0.165	22.03	0.160
1.4	16QAM	1	0	22.10	0.162	22.00	0.158	21.92	0.156
1.4	16QAM	1	3	21.92	0.156	22.00	0.158	21.99	0.158
1.4	16QAM	1	5	22.13	0.163	21.86	0.153	22.03	0.160
1.4	16QAM	3	0	22.00	0.158	22.00	0.158	21.99	0.158
1.4	16QAM	3	1	21.99	0.158	21.94	0.156	21.89	0.155
1.4	16QAM	3	3	22.20	0.166	21.92	0.156	22.02	0.159
1.4	16QAM	6	0	20.94	0.124	21.03	0.127	21.00	0.126

LTE Band 71				Measured ERP					
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	21.12	0.129	20.98	0.125	20.91	0.123
20	QPSK	1	12	20.98	0.125	20.94	0.124	20.92	0.124
20	QPSK	1	24	20.68	0.117	20.85	0.122	20.67	0.117
20	QPSK	12	0	20.45	0.111	20.31	0.107	20.24	0.106
20	QPSK	12	7	20.31	0.107	20.27	0.106	20.25	0.106
20	QPSK	12	13	20.01	0.100	20.18	0.104	20.00	0.100
20	QPSK	25	0	19.78	0.095	19.64	0.092	19.57	0.091
20	16QAM	1	0	20.05	0.101	20.06	0.101	19.98	0.100
20	16QAM	1	12	19.84	0.096	20.01	0.100	19.83	0.096
20	16QAM	1	24	19.77	0.095	19.63	0.092	19.76	0.095
20	16QAM	12	0	19.55	0.090	19.56	0.090	19.48	0.089
20	16QAM	12	7	19.34	0.086	19.51	0.089	19.33	0.086
20	16QAM	12	13	19.27	0.085	19.13	0.082	19.26	0.084
20	16QAM	25	0	19.27	0.085	19.04	0.080	19.00	0.079

LTE Band 71				Measured ERP					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				133197		133297		133397	
Frequency (MHz)				670.5		680.5		690.5	
				dbm	W	dbm	W	dbm	W
15	QPSK	1	0	21.08	0.128	20.95	0.124	20.97	0.125
15	QPSK	1	12	21.02	0.126	20.93	0.124	20.96	0.125
15	QPSK	1	24	21.07	0.128	20.95	0.124	21.10	0.129
15	QPSK	12	0	20.41	0.110	20.28	0.107	20.30	0.107
15	QPSK	12	7	20.35	0.108	20.26	0.106	20.29	0.107
15	QPSK	12	13	20.40	0.110	20.28	0.107	20.43	0.110
15	QPSK	25	0	20.35	0.108	20.32	0.108	20.36	0.109
15	16QAM	1	0	19.74	0.094	19.61	0.091	19.63	0.092
15	16QAM	1	12	19.68	0.093	19.59	0.091	19.62	0.092
15	16QAM	1	24	19.73	0.094	19.61	0.091	19.76	0.095
15	16QAM	12	0	18.83	0.076	18.70	0.074	18.72	0.074
15	16QAM	12	7	18.77	0.075	18.68	0.074	18.71	0.074
15	16QAM	12	13	18.82	0.076	18.70	0.074	18.85	0.077
15	16QAM	25	0	18.69	0.074	18.71	0.074	18.80	0.076

LTE Band 71				Measured ERP					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				133172		133297		133422	
Frequency (MHz)				668		680.5		693	
				dbm	W	dbm	W	dbm	W
10	QPSK	1	0	20.88	0.122	20.92	0.124	20.95	0.124
10	QPSK	1	12	20.91	0.123	20.90	0.123	20.96	0.125
10	QPSK	1	24	20.67	0.117	20.61	0.115	20.90	0.123
10	QPSK	12	0	20.21	0.105	20.25	0.106	20.28	0.107
10	QPSK	12	7	20.24	0.106	20.23	0.105	20.29	0.107
10	QPSK	12	13	20.00	0.100	19.94	0.099	20.23	0.105
10	QPSK	25	0	19.90	0.098	19.89	0.097	19.95	0.099
10	16QAM	1	0	20.04	0.101	20.08	0.102	20.11	0.103
10	16QAM	1	12	20.07	0.102	20.06	0.101	20.12	0.103
10	16QAM	1	24	19.83	0.096	19.77	0.095	20.06	0.101
10	16QAM	12	0	19.54	0.090	19.58	0.091	19.61	0.091
10	16QAM	12	7	19.57	0.091	19.56	0.090	19.62	0.092
10	16QAM	12	13	19.33	0.086	19.27	0.085	19.56	0.090
10	16QAM	25	0	19.16	0.082	19.17	0.083	19.06	0.081

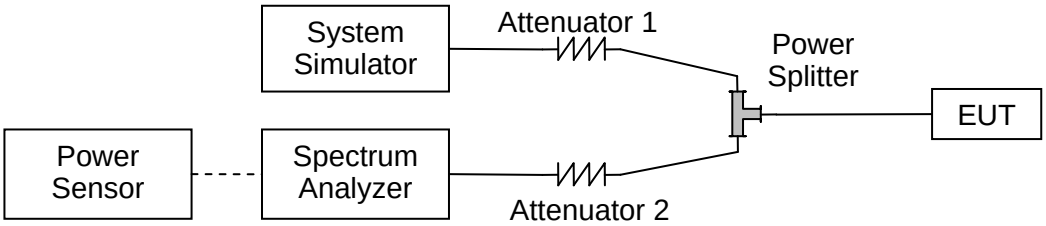
LTE Band 71				Measured ERP					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				133147		133297		133447	
Frequency (MHz)				665.5		680.5		695.5	
				dbm	W	dbm	W	dbm	W
5	QPSK	1	0	20.72	0.118	20.95	0.124	20.62	0.115
5	QPSK	1	12	20.88	0.122	20.91	0.123	20.84	0.121
5	QPSK	1	24	20.73	0.118	21.07	0.128	20.74	0.119
5	QPSK	12	0	20.05	0.101	20.28	0.107	19.95	0.099
5	QPSK	12	7	20.21	0.105	20.24	0.106	20.17	0.104
5	QPSK	12	13	20.06	0.101	20.40	0.110	20.07	0.102
5	QPSK	25	0	20.02	0.100	20.04	0.101	19.94	0.099
5	16QAM	1	0	19.88	0.097	20.11	0.103	19.78	0.095
5	16QAM	1	12	20.04	0.101	20.07	0.102	20.00	0.100
5	16QAM	1	24	19.89	0.097	20.23	0.105	19.90	0.098
5	16QAM	12	0	19.38	0.087	19.61	0.091	19.28	0.085
5	16QAM	12	7	19.54	0.090	19.57	0.091	19.50	0.089
5	16QAM	12	13	19.39	0.087	19.73	0.094	19.40	0.087
5	16QAM	25	0	19.51	0.089	19.65	0.092	19.50	0.089

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 EUTis 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

LTEBand 2				
BW(MHz)	ChannelLevel	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.09	1.27
	Low	16QAM	1.10	1.29
	Mid	QPSK	1.10	1.30
	Mid	16QAM	1.10	1.28
	High	QPSK	1.10	1.29
	High	16QAM	1.10	1.28
3	Low	QPSK	2.70	2.99
	Low	16QAM	2.70	3.00
	Mid	QPSK	2.70	2.97
	Mid	16QAM	2.71	2.98
	High	QPSK	2.71	2.98
	High	16QAM	2.71	2.98
5	Low	QPSK	4.51	4.96
	Low	16QAM	4.51	5.00
	Mid	QPSK	4.51	5.01
	Mid	16QAM	4.51	5.04
	High	QPSK	4.51	5.01
	High	16QAM	4.50	5.03
10	Low	QPSK	8.99	9.87
	Low	16QAM	8.94	9.78
	Mid	QPSK	8.97	9.90
	Mid	16QAM	8.94	9.82
	High	QPSK	8.96	9.84
	High	16QAM	8.92	9.75
15	Low	QPSK	13.48	14.63
	Low	16QAM	13.45	14.75
	Mid	QPSK	13.45	14.69
	Mid	16QAM	13.42	14.64
	High	QPSK	13.40	14.55
	High	16QAM	13.40	14.53
20	Low	QPSK	17.86	19.22
	Low	16QAM	17.95	19.45
	Mid	QPSK	17.86	19.38
	Mid	16QAM	17.89	19.36
	High	QPSK	17.85	19.41
	High	16QAM	17.91	19.37

LTEBand 4				
BW(MHz)	ChannelLevel	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	1.48
	Mid	16QAM	1.10	1.30
	High	QPSK	1.10	1.28
	High	16QAM	1.10	1.57
3	Low	QPSK	2.70	2.99
	Low	16QAM	2.71	3.39
	Mid	QPSK	2.70	2.99
	Mid	16QAM	2.70	3.48
	High	QPSK	2.70	2.99
	High	16QAM	2.70	2.99
5	Low	QPSK	4.51	5.04
	Low	16QAM	4.51	4.99
	Mid	QPSK	4.51	5.03
	Mid	16QAM	4.51	4.98
	High	QPSK	4.50	5.04
	High	16QAM	4.51	4.99
10	Low	QPSK	9.01	9.79
	Low	16QAM	8.96	9.75
	Mid	QPSK	8.96	9.81
	Mid	16QAM	8.94	9.77
	High	QPSK	8.97	9.84
	High	16QAM	8.95	10.01
15	Low	QPSK	13.42	14.57
	Low	16QAM	13.45	14.67
	Mid	QPSK	13.41	14.55
	Mid	16QAM	13.41	14.71
	High	QPSK	13.45	14.64
	High	16QAM	13.45	14.65
20	Low	QPSK	17.81	19.32
	Low	16QAM	17.86	19.35
	Mid	QPSK	17.88	19.31
	Mid	16QAM	17.86	19.44
	High	QPSK	17.96	19.62
	High	16QAM	17.95	19.48

LTEBand 5				
BW(MHz)	ChannelLevel	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.10	1.29
	Low	16QAM	1.10	1.30
	Mid	QPSK	1.10	1.28
	Mid	16QAM	1.10	1.29
	High	QPSK	1.10	1.30
	High	16QAM	1.10	1.29
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	2.98
	High	16QAM	2.71	3.01
5	Low	QPSK	4.50	5.02
	Low	16QAM	4.50	5.02
	Mid	QPSK	4.50	5.02
	Mid	16QAM	4.49	4.98
	High	QPSK	4.50	5.00
	High	16QAM	4.51	5.05
10	Low	QPSK	8.97	9.84
	Low	16QAM	8.95	9.86
	Mid	QPSK	8.99	9.89
	Mid	16QAM	8.95	9.79
	High	QPSK	8.99	9.80
	High	16QAM	8.94	9.86

LTEBand 7				
BW(MHz)	ChannelLevel	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.51	5.02
	Low	16QAM	4.50	5.00
	Mid	QPSK	4.50	5.00
	Mid	16QAM	4.50	5.00
	High	QPSK	4.51	5.04
	High	16QAM	4.51	5.03
10	Low	QPSK	8.99	9.90
	Low	16QAM	8.95	9.81
	Mid	QPSK	8.99	9.89
	Mid	16QAM	8.95	9.84
	High	QPSK	8.99	9.87
	High	16QAM	8.96	9.87
15	Low	QPSK	13.44	14.66
	Low	16QAM	13.45	14.68
	Mid	QPSK	13.46	14.71
	Mid	16QAM	13.43	14.66
	High	QPSK	13.44	14.76
	High	16QAM	13.43	14.66
20	Low	QPSK	17.87	19.45
	Low	16QAM	17.94	19.40
	Mid	QPSK	18.01	19.17
	Mid	16QAM	17.93	19.42
	High	QPSK	17.89	19.41
	High	16QAM	17.91	19.47

LTEBand 12				
BW(MHz)	ChannelLevel	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.09	1.28
	Low	16QAM	1.10	1.29
	Mid	QPSK	1.10	1.28
	Mid	16QAM	1.10	1.29
	High	QPSK	1.10	1.30
	High	16QAM	1.10	1.29
3	Low	QPSK	2.70	2.98
	Low	16QAM	2.70	3.00
	Mid	QPSK	2.69	2.96
	Mid	16QAM	2.70	3.00
	High	QPSK	2.70	2.98
	High	16QAM	2.71	3.00
5	Low	QPSK	4.50	5.03
	Low	16QAM	4.50	5.00
	Mid	QPSK	4.50	5.02
	Mid	16QAM	4.50	4.99
	High	QPSK	4.50	5.00
	High	16QAM	4.51	5.01
10	Low	QPSK	9.00	9.56
	Low	16QAM	8.94	9.78
	Mid	QPSK	8.98	9.91
	Mid	16QAM	8.95	9.83
	High	QPSK	8.96	9.82
	High	16QAM	8.95	9.73

LTEBand 14				
BW(MHz)	ChannelLevel	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.50	5.04
	Low	16QAM	4.50	5.01
	Mid	QPSK	4.50	5.05
	Mid	16QAM	4.50	4.99
	High	QPSK	4.50	5.02
	High	16QAM	4.50	5.01
10	Mid	QPSK	8.93	9.79
	Mid	16QAM	8.90	9.74

LTEBand 17				
BW(MHz)	ChannelLevel	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.51	5.03
	Low	16QAM	4.51	5.02
	Mid	QPSK	4.49	5.02
	Mid	16QAM	4.49	4.99
	High	QPSK	4.49	4.96
	High	16QAM	4.50	4.99
10	Low	QPSK	9.85	10.35
	Low	16QAM	8.96	9.72
	Mid	QPSK	8.99	9.82
	Mid	16QAM	8.95	9.86
	High	QPSK	8.98	9.90
	High	16QAM	8.95	9.77

LTEBand 25				
BW(MHz)	ChannelLevel	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	1.28
	Mid	16QAM	1.10	1.29
	High	QPSK	1.10	1.28
	High	16QAM	1.10	1.29
3	Low	QPSK	2.70	3.00
	Low	16QAM	2.70	2.98
	Mid	QPSK	2.70	2.99
	Mid	16QAM	2.70	2.99
	High	QPSK	2.70	2.98
	High	16QAM	2.70	3.00
5	Low	QPSK	4.51	5.04
	Low	16QAM	4.50	4.99
	Mid	QPSK	4.50	5.02
	Mid	16QAM	4.51	5.03
	High	QPSK	4.50	5.05
	High	16QAM	4.51	4.97
10	Low	QPSK	8.96	9.87
	Low	16QAM	8.95	9.82
	Mid	QPSK	8.98	9.86
	Mid	16QAM	8.94	9.83
	High	QPSK	9.00	9.79
	High	16QAM	8.96	9.74
15	Low	QPSK	13.44	14.69
	Low	16QAM	13.45	14.76
	Mid	QPSK	13.40	14.64
	Mid	16QAM	13.42	14.69
	High	QPSK	13.42	14.61
	High	16QAM	13.39	14.65
20	Low	QPSK	17.93	19.52
	Low	16QAM	17.95	19.48
	Mid	QPSK	17.85	19.40
	Mid	16QAM	17.90	19.45
	High	QPSK	17.82	19.39
	High	16QAM	17.83	19.25

LTEBand 26				
BW(MHz)	ChannelLevel	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.10	1.29
	Low	16QAM	1.10	1.28
	Mid	QPSK	1.10	1.28
	Mid	16QAM	1.10	1.30
	High	QPSK	1.09	1.27
	High	16QAM	1.10	1.26
3	Low	QPSK	2.70	2.97
	Low	16QAM	2.69	2.98
	Mid	QPSK	2.69	2.96
	Mid	16QAM	2.70	2.97
	High	QPSK	2.70	2.96
	High	16QAM	2.70	3.00
5	Low	QPSK	4.49	5.02
	Low	16QAM	4.49	4.99
	Mid	QPSK	4.5	5.03
	Mid	16QAM	4.50	4.97
	High	QPSK	4.50	5.03
	High	16QAM	4.51	5.03
10	Low	QPSK	8.98	9.78
	Low	16QAM	8.99	9.83
	Mid	QPSK	8.97	9.78
	Mid	16QAM	8.97	9.87
	High	QPSK	8.98	9.73
	High	16QAM	8.94	9.71
15	Low	QPSK	13.46	14.71
	Low	16QAM	13.41	14.64
	Mid	QPSK	13.42	14.57
	Mid	16QAM	13.48	14.70
	High	QPSK	13.42	14.54
	High	16QAM	13.39	14.47

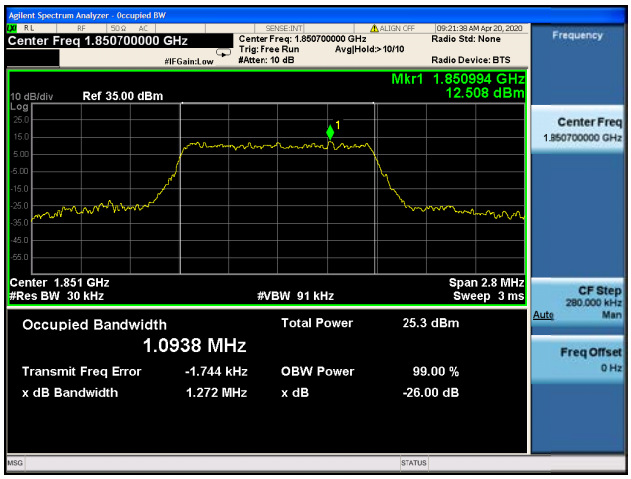
LTEBand 30				
BW(MHz)	ChannelLevel	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	5.20	5.88
	Low	16QAM	4.50	5.00
	Mid	QPSK	4.46	4.81
	Mid	16QAM	4.50	4.97
	High	QPSK	4.50	5.01
	High	16QAM	4.50	4.98
10	Mid	QPSK	8.97	9.92
	Mid	16QAM	8.95	9.75

LTE Band41				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.50	5.31
	Low	16QAM	4.51	5.05
	Mid	QPSK	4.51	5.37
	Mid	16QAM	4.51	5.06
	High	QPSK	4.51	4.98
	High	16QAM	4.51	5.02
10	Low	QPSK	8.92	9.54
	Low	16QAM	8.96	10.03
	Mid	QPSK	8.97	10.49
	Mid	16QAM	8.96	10.51
	High	QPSK	8.98	9.85
	High	16QAM	8.95	9.81
15	Low	QPSK	13.37	14.30
	Low	16QAM	13.45	14.98
	Mid	QPSK	13.44	14.70
	Mid	16QAM	13.48	16.42
	High	QPSK	13.45	14.71
	High	16QAM	13.46	14.86
20	Low	QPSK	17.95	19.45
	Low	16QAM	17.88	20.06
	Mid	QPSK	17.93	19.91
	Mid	16QAM	17.91	20.48
	High	QPSK	17.93	19.31
	High	16QAM	17.93	19.43

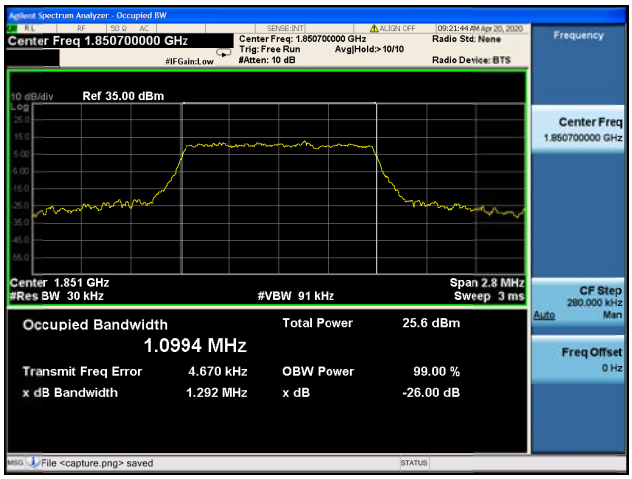
LTEBand 66				
BW(MHz)	ChannelLevel	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.09	1.29
	Low	16QAM	1.10	1.27
	Mid	QPSK	1.09	1.27
	Mid	16QAM	1.09	1.29
	High	QPSK	1.09	1.26
	High	16QAM	1.09	1.28
3	Low	QPSK	2.69	2.96
	Low	16QAM	2.69	2.98
	Mid	QPSK	2.69	2.98
	Mid	16QAM	2.70	2.98
	High	QPSK	2.69	2.96
	High	16QAM	2.69	3.00
5	Low	QPSK	4.49	5.00
	Low	16QAM	4.50	4.99
	Mid	QPSK	4.49	4.97
	Mid	16QAM	4.49	5.03
	High	QPSK	4.50	5.00
	High	16QAM	4.49	4.99
10	Low	QPSK	8.98	9.71
	Low	16QAM	8.94	9.73
	Mid	QPSK	8.98	9.86
	Mid	16QAM	8.95	9.75
	High	QPSK	8.97	9.86
	High	16QAM	8.95	9.71
15	Low	QPSK	13.44	14.58
	Low	16QAM	13.41	14.50
	Mid	QPSK	13.43	14.55
	Mid	16QAM	13.43	14.59
	High	QPSK	13.46	14.55
	High	16QAM	13.43	14.58
20	Low	QPSK	17.84	19.30
	Low	16QAM	17.89	19.29
	Mid	QPSK	17.93	19.38
	Mid	16QAM	17.98	19.31
	High	QPSK	17.87	19.21
	High	16QAM	17.89	19.25

LTEBand 71				
BW(MHz)	ChannelLevel	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.50	5.01
	Low	16QAM	4.48	4.96
	Mid	QPSK	4.50	4.97
	Mid	16QAM	4.50	5.01
	High	QPSK	4.50	5.01
	High	16QAM	4.49	5.00
10	Low	QPSK	8.94	9.75
	Low	16QAM	8.94	9.65
	Mid	QPSK	8.94	9.74
	Mid	16QAM	8.95	9.69
	High	QPSK	8.97	9.81
	High	16QAM	8.94	9.65
15	Low	QPSK	13.41	14.44
	Low	16QAM	13.43	14.49
	Mid	QPSK	13.45	14.50
	Mid	16QAM	13.44	14.61
	High	QPSK	13.43	14.63
	High	16QAM	13.40	14.67
20	Low	QPSK	17.83	19.23
	Low	16QAM	17.88	19.14
	Mid	QPSK	17.85	19.17
	Mid	16QAM	17.88	19.23
	High	QPSK	17.88	19.25
	High	16QAM	17.87	19.23

Band2 / 1.4MHz / Low CH / QPSK

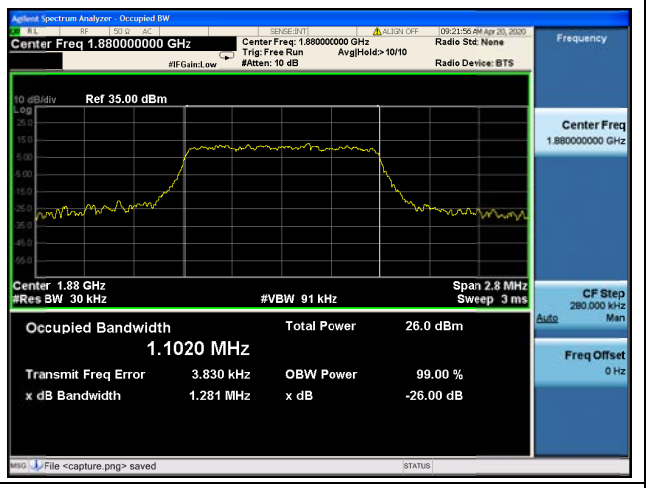


Band2 / 1.4MHz / Low CH / 16QAM

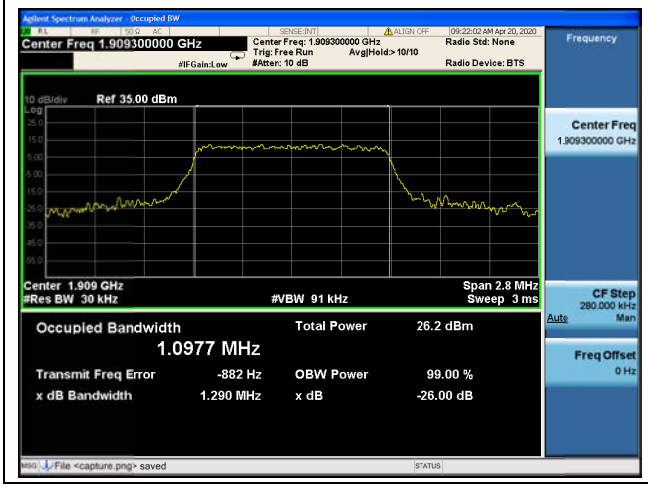


Band2 / 1.4MHz / Mid CH / QPSK

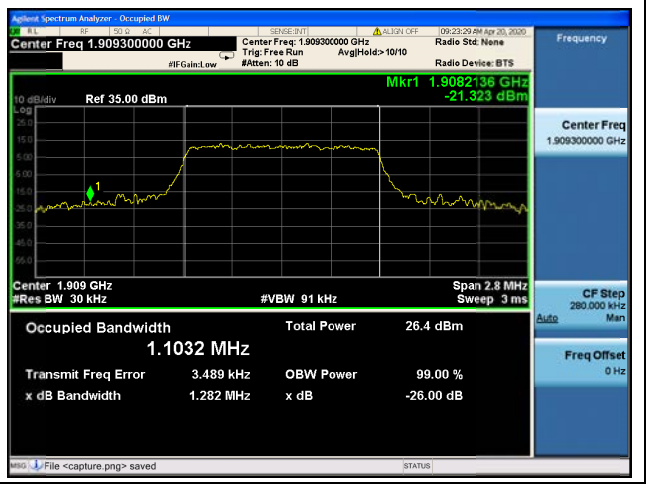
Band2 / 1.4MHz / Mid CH / 16QAM



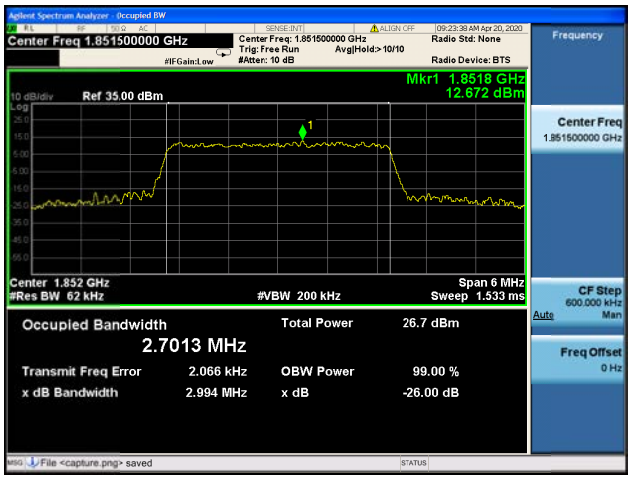
Band2 / 1.4MHz / High CH / QPSK



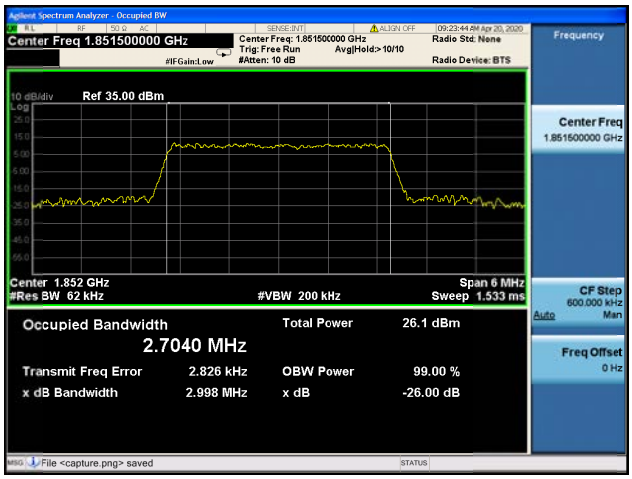
Band2 / 1.4MHz / High CH / 16QAM



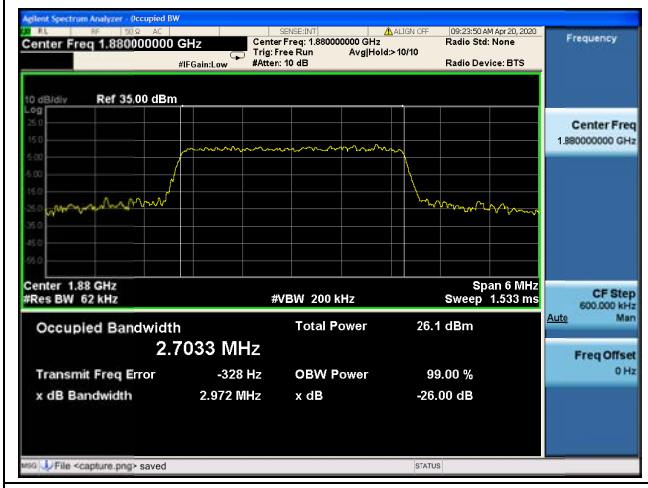
Band2 / 3MHz / Low CH / QPSK



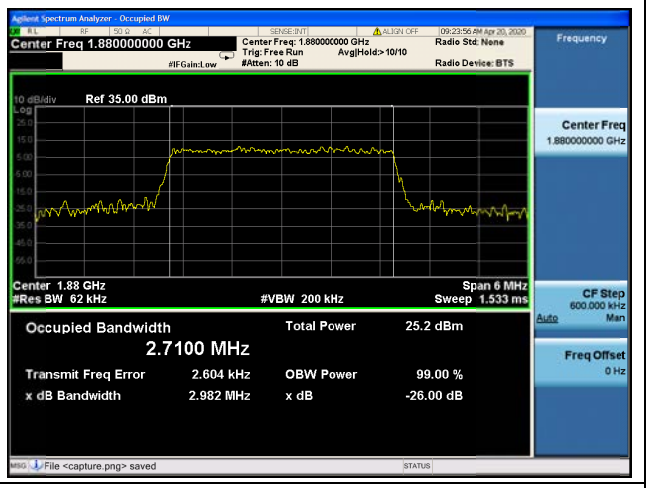
Band2 / 3MHz / Low CH / 16QAM



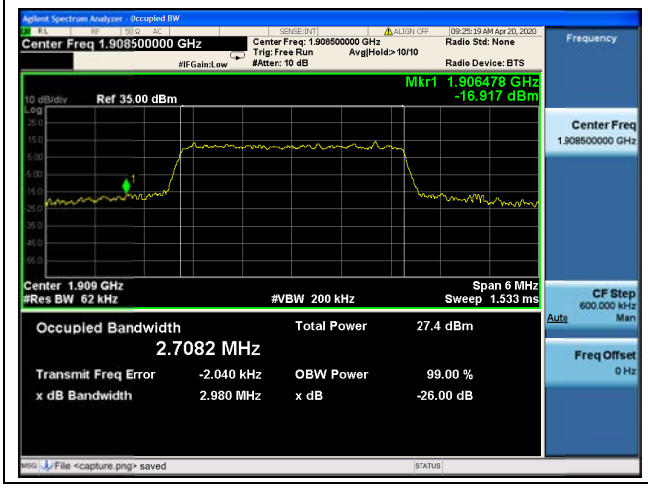
Band2 / 3MHz / Mid CH / QPSK



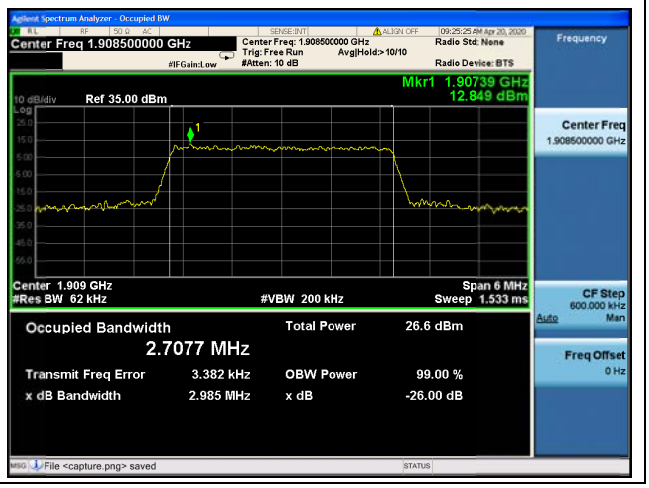
Band2 / 3MHz / Mid CH / 16QAM



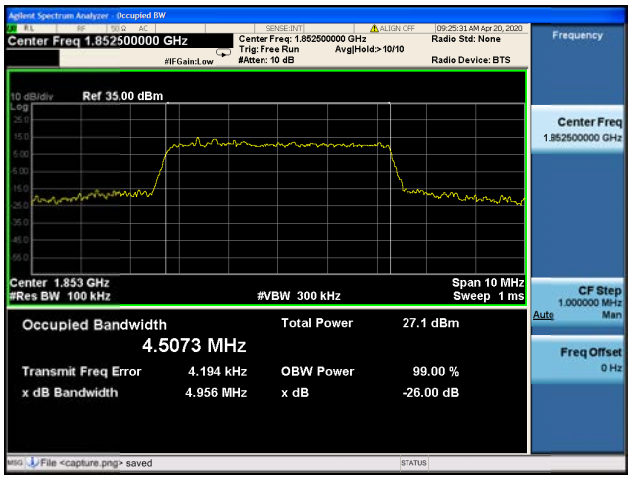
Band2 / 3MHz / High CH / QPSK



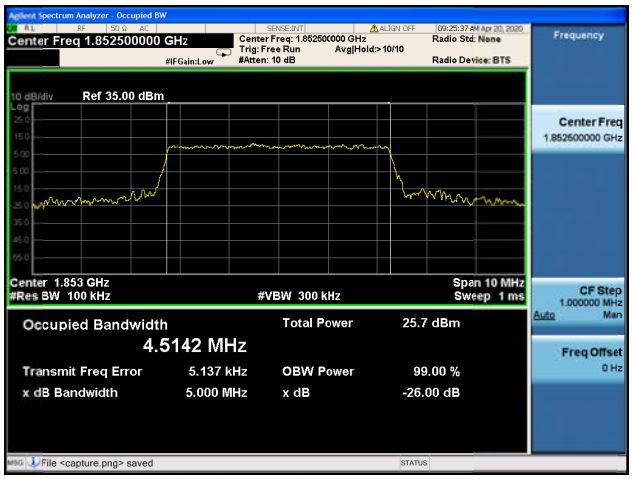
Band2 / 3MHz / High CH / 16QAM



Band2 / 5MHz / Low CH / QPSK

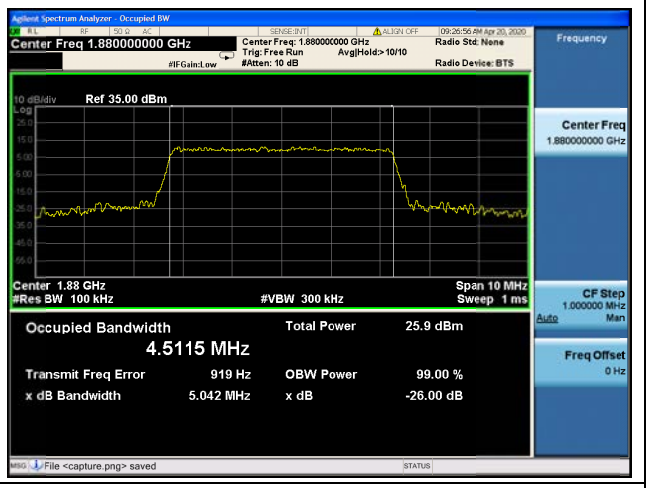


Band2 / 5MHz / Low CH / 16QAM

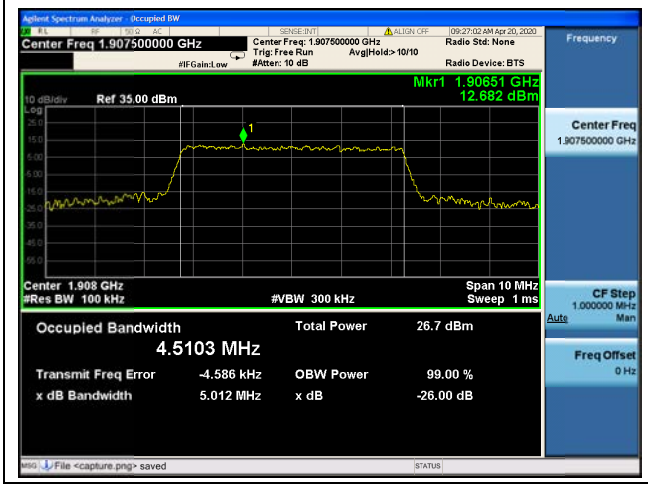


Band2 / 5MHz / Mid CH / QPSK

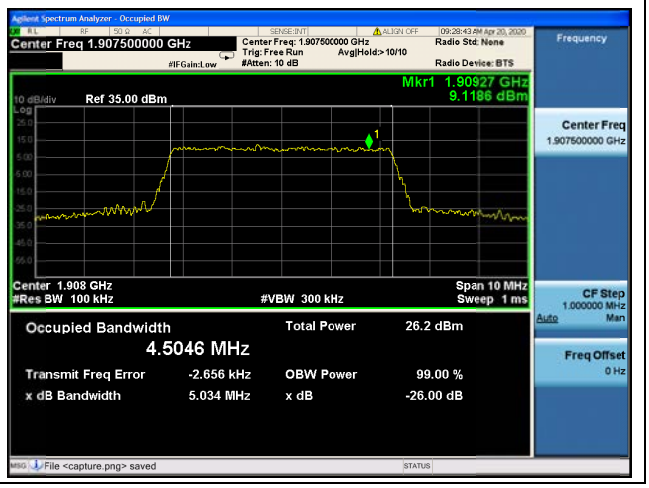
Band2 / 5MHz / Mid CH / 16QAM



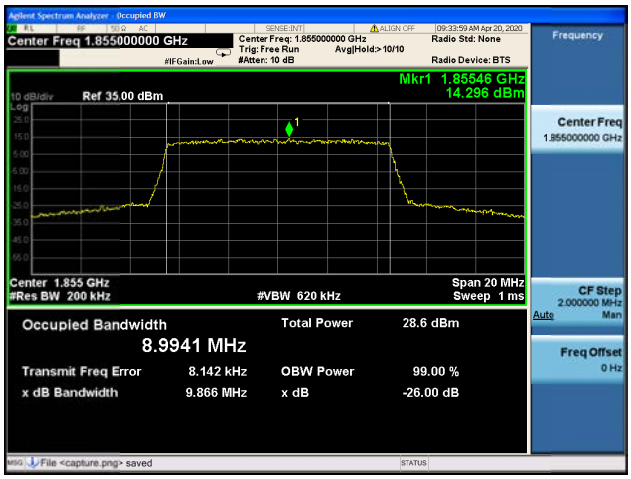
Band2 / 5MHz / High CH / QPSK



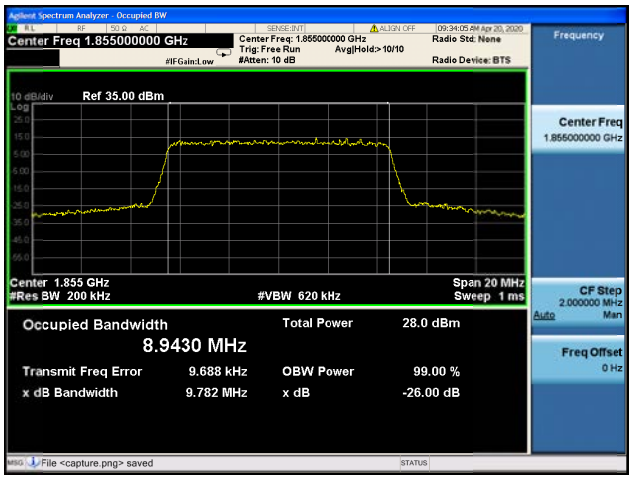
Band2 / 5MHz / High CH / 16QAM



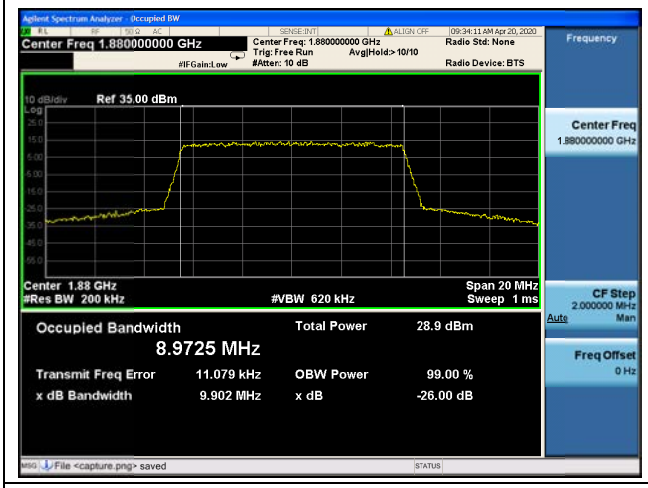
Band2 / 10MHz / Low CH / QPSK



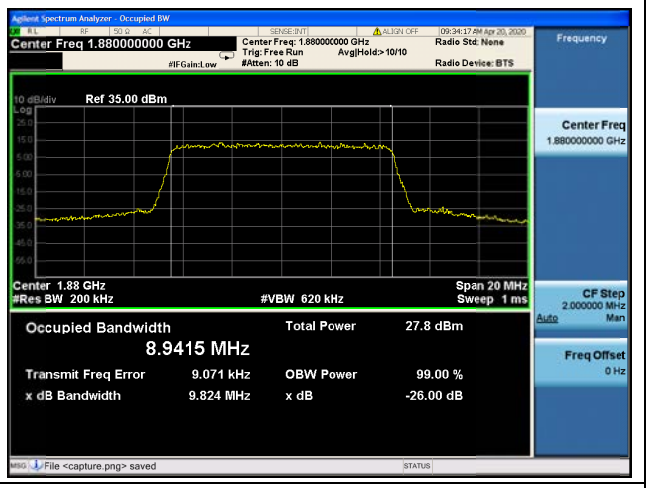
Band2 / 10MHz / Low CH / 16QAM



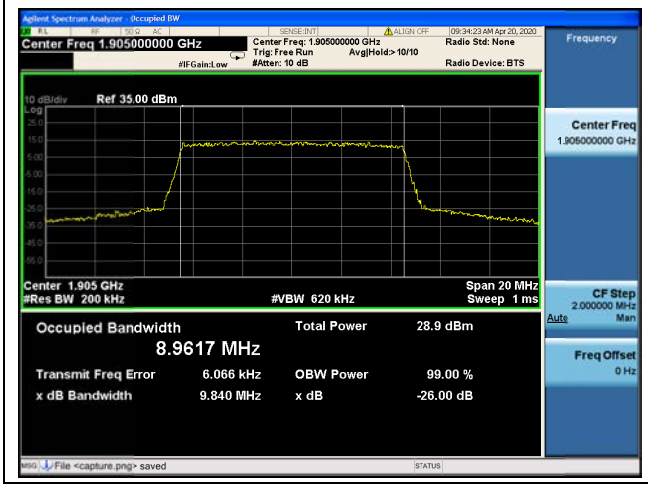
Band2 / 10MHz / Mid CH / QPSK



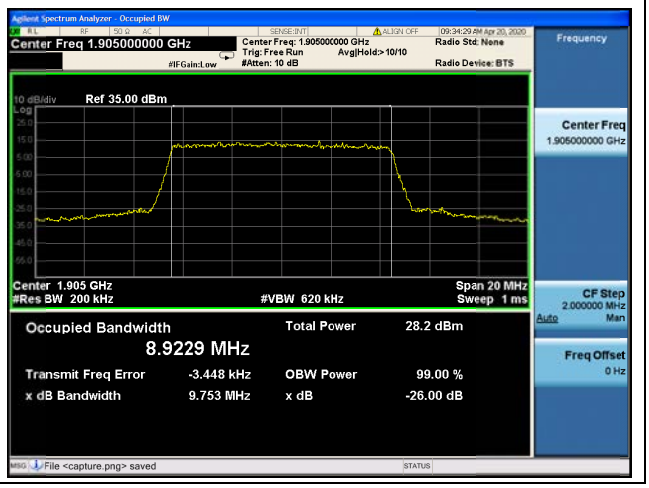
Band2 / 10MHz / Mid CH / 16QAM



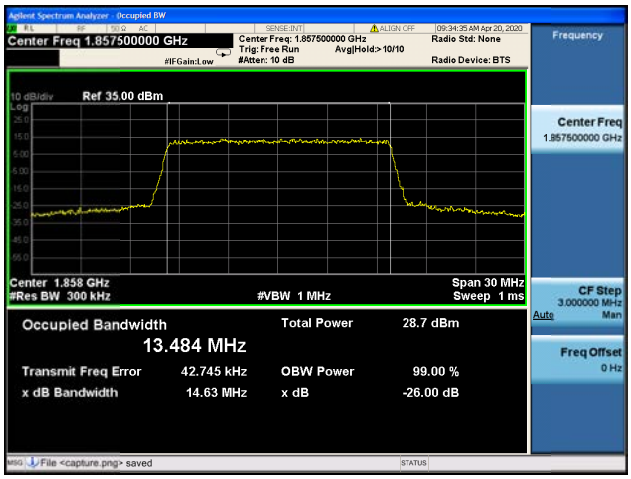
Band2 / 10MHz / High CH / QPSK



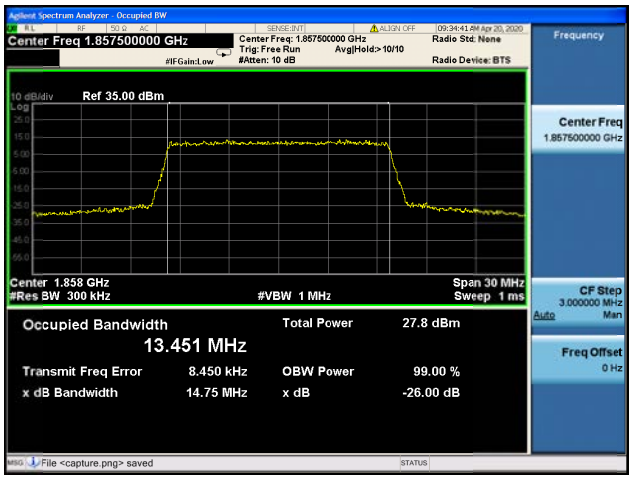
Band2 / 10MHz / High CH / 16QAM



Band2 / 15MHz / Low CH / QPSK

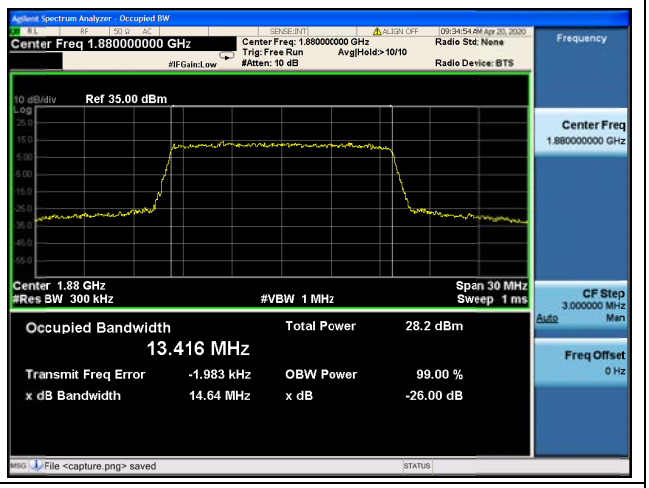


Band2 / 15MHz / Low CH / 16QAM

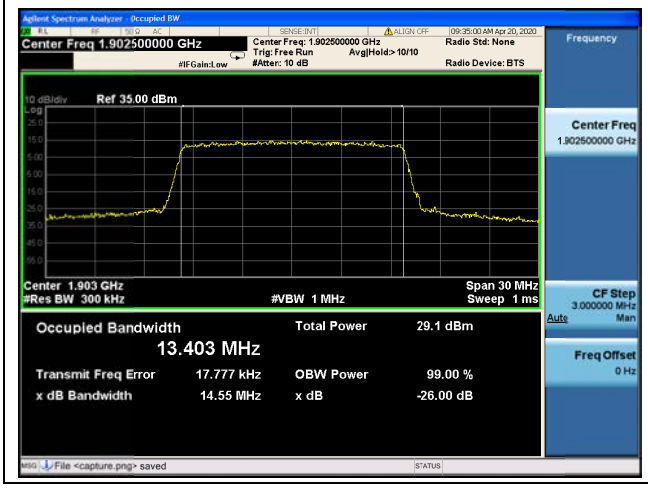


Band2 / 15MHz / Mid CH / QPSK

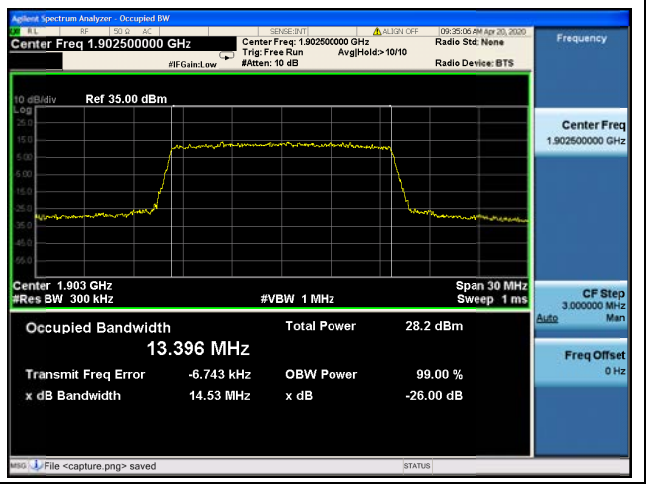
Band2 / 15MHz / Mid CH / 16QAM



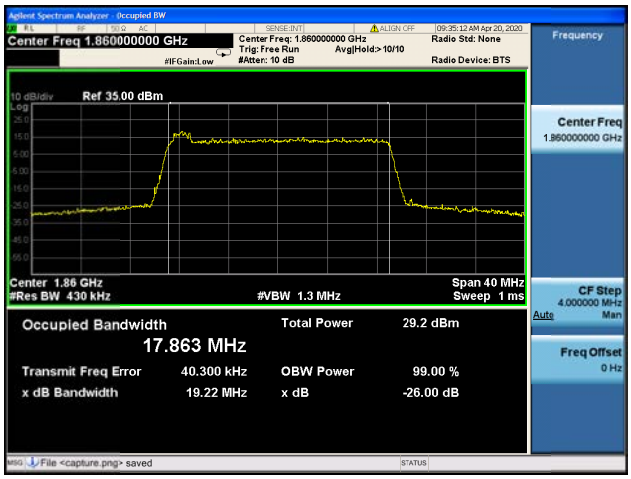
Band2 / 15MHz / High CH / QPSK



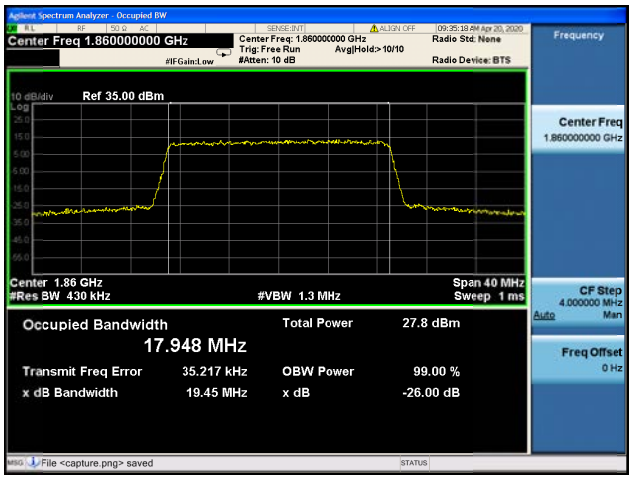
Band2 / 15MHz / High CH / 16QAM



Band2 / 20MHz / Low CH / QPSK

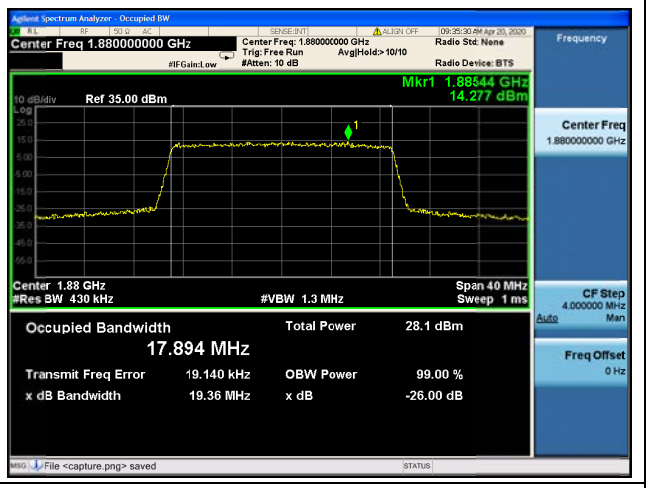


Band2 / 20MHz / Low CH / 16QAM



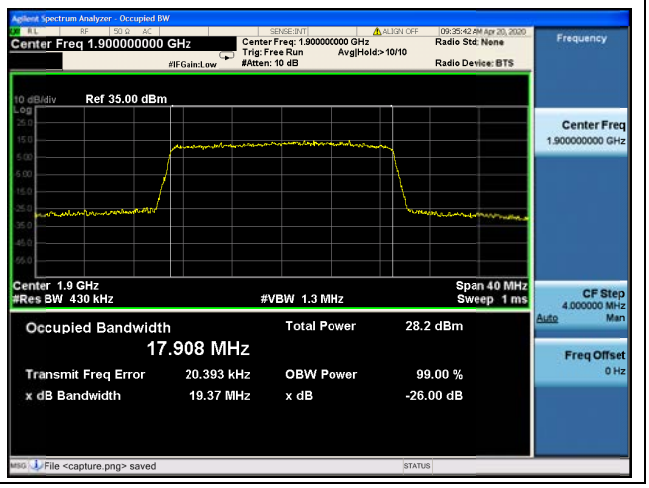
Band2 / 20MHz / Mid CH / QPSK

Band2 / 20MHz / Mid CH / 16QAM

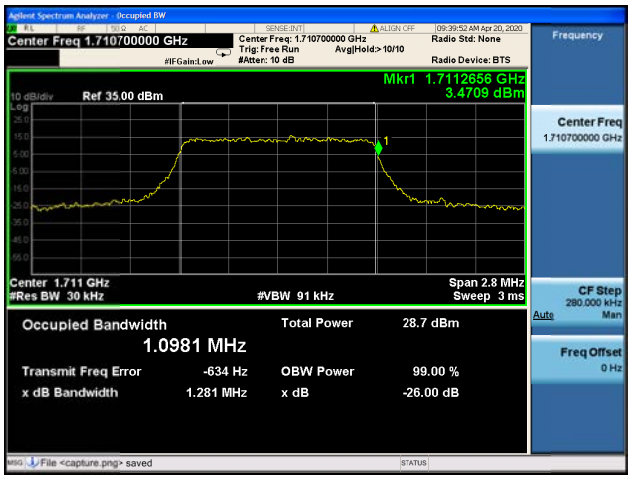


Band2 / 20MHz / High CH / QPSK

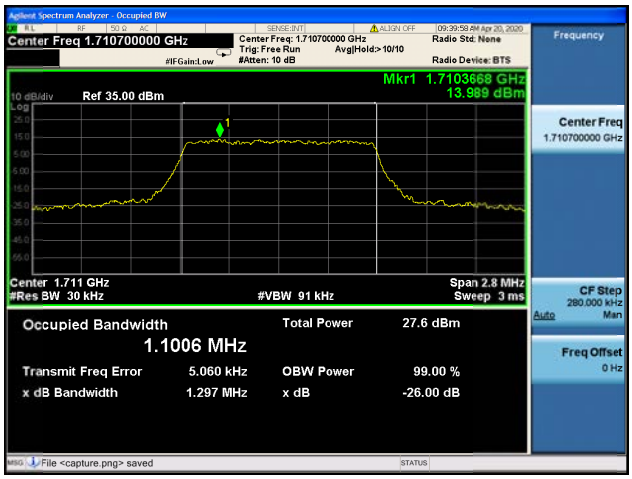
Band2 / 20MHz / High CH / 16QAM



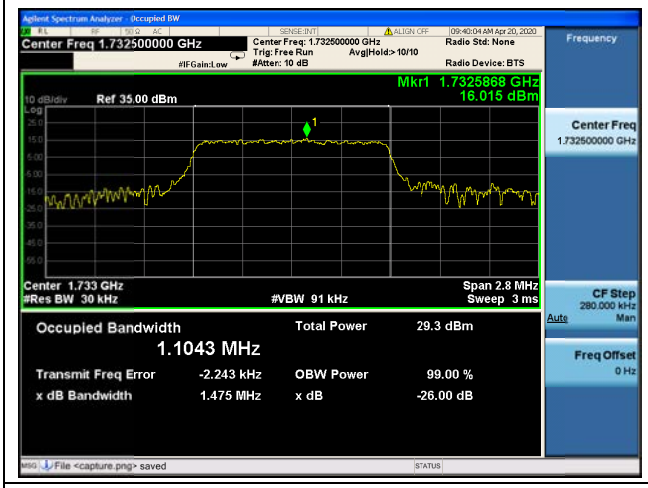
Band4 / 1.4MHz / Low CH / QPSK



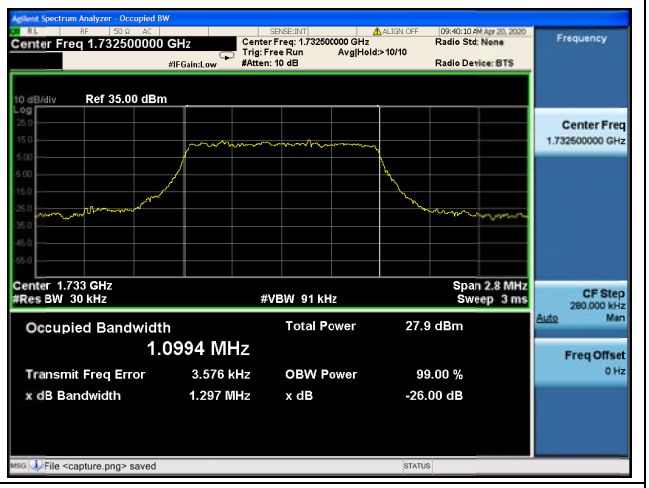
Band4 / 1.4MHz / Low CH / 16QAM



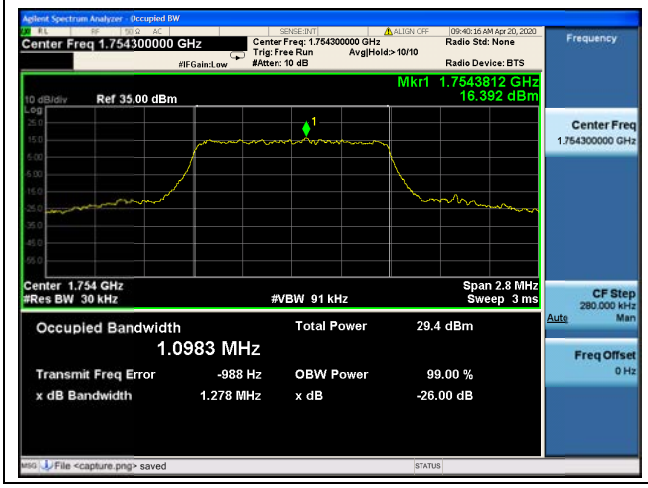
Band4 / 1.4MHz / Mid CH / QPSK



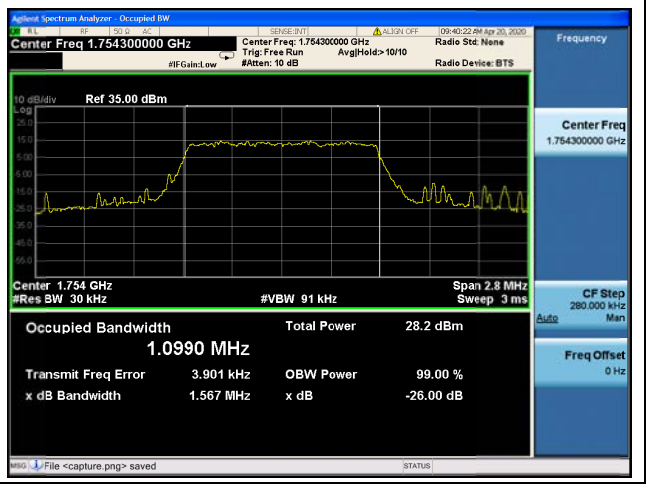
Band4 / 1.4MHz / Mid CH / 16QAM



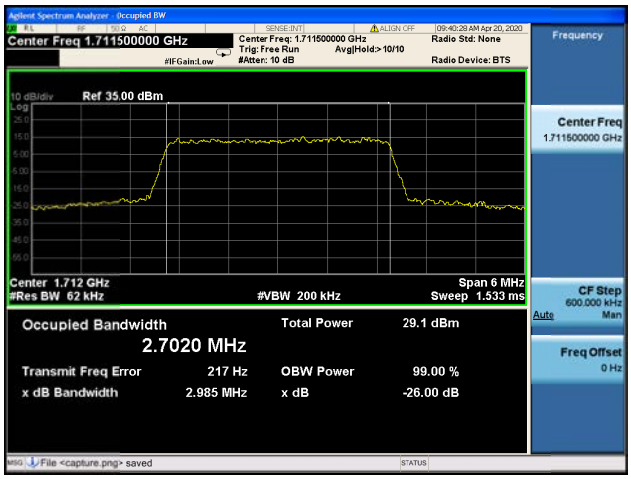
Band4 / 1.4MHz / High CH / QPSK



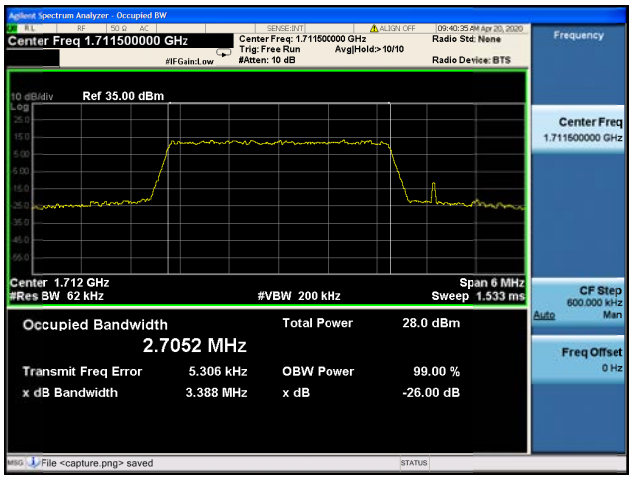
Band4 / 1.4MHz / High CH / 16QAM



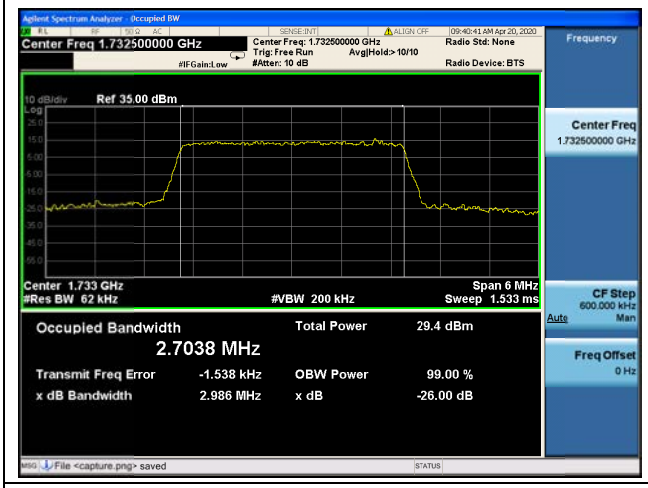
Band4 / 3MHz / Low CH / QPSK



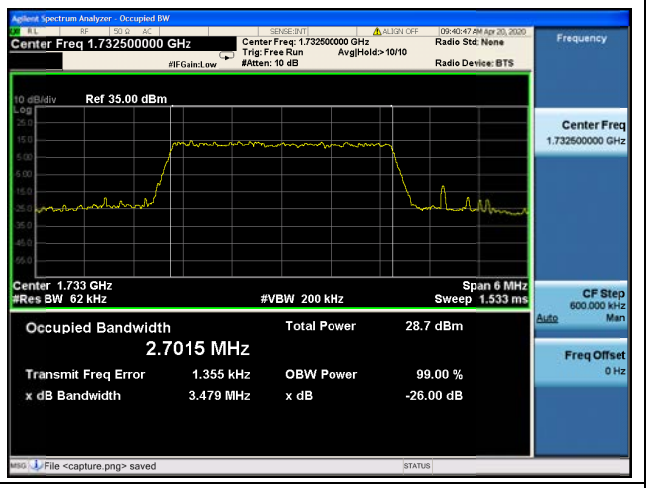
Band4 / 3MHz / Low CH / 16QAM



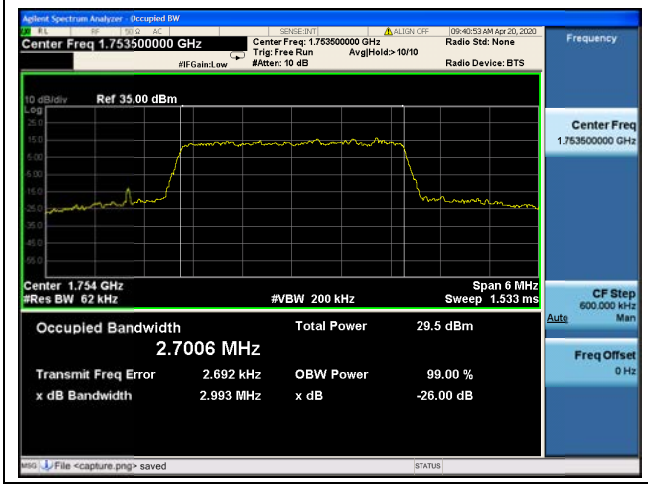
Band4 / 3MHz / Mid CH / QPSK



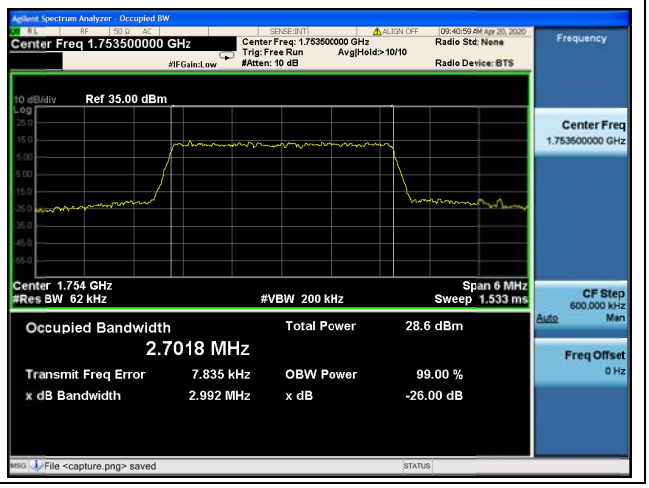
Band4 / 3MHz / Mid CH / 16QAM



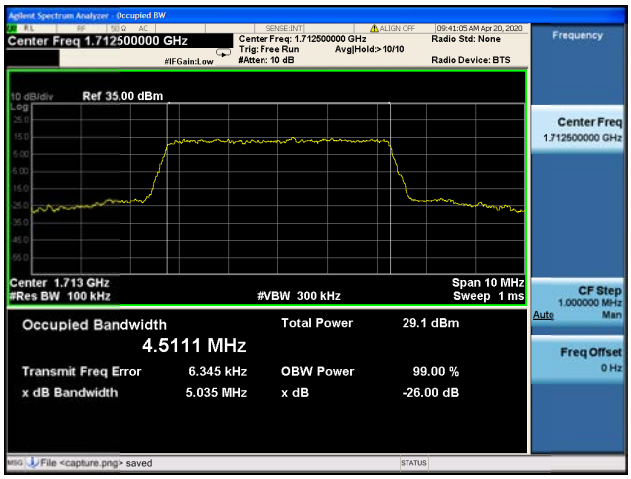
Band4 / 3MHz / High CH / QPSK



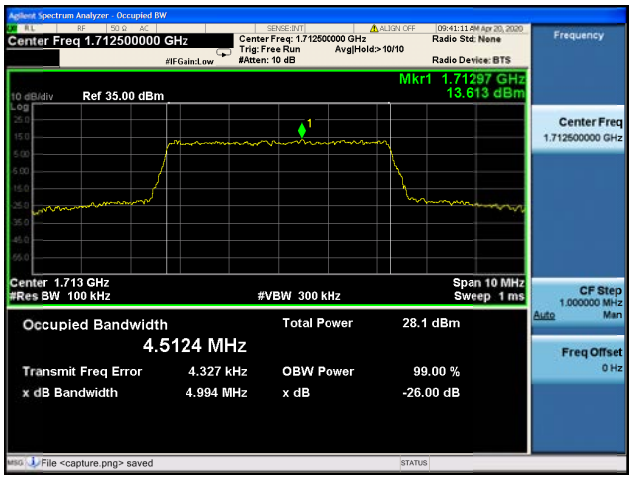
Band4 / 3MHz / High CH / 16QAM



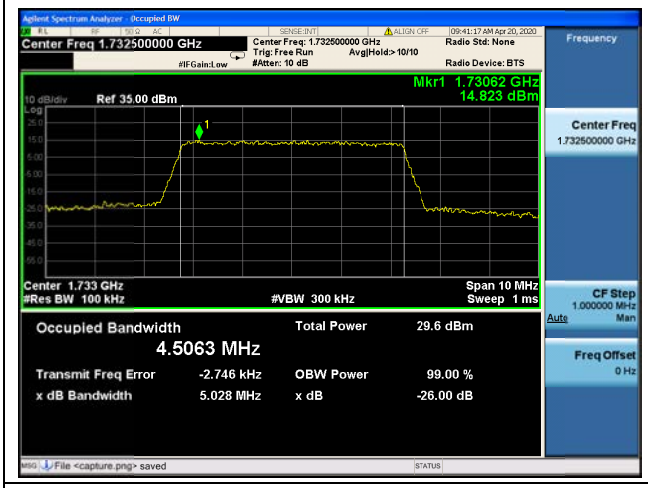
Band4 / 5MHz / Low CH / QPSK



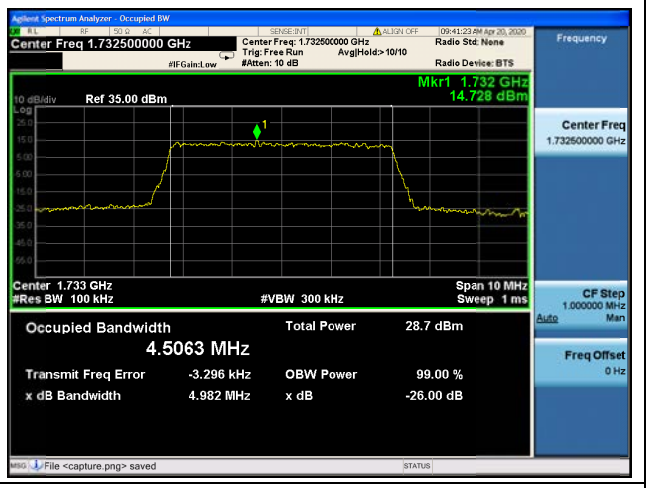
Band4 / 5MHz / Low CH / 16QAM



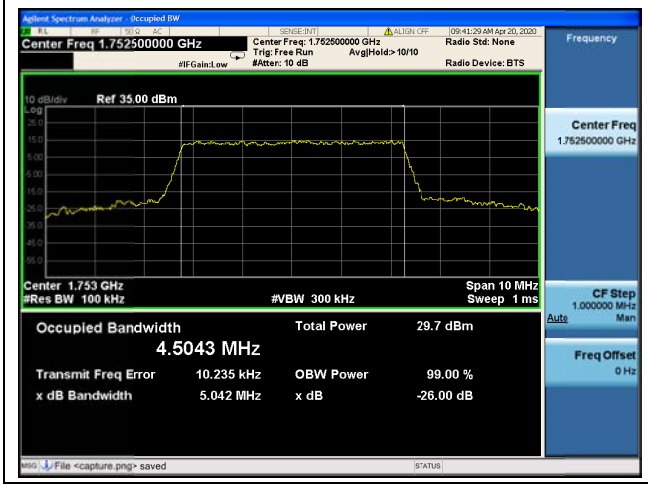
Band4 / 5MHz / Mid CH / QPSK



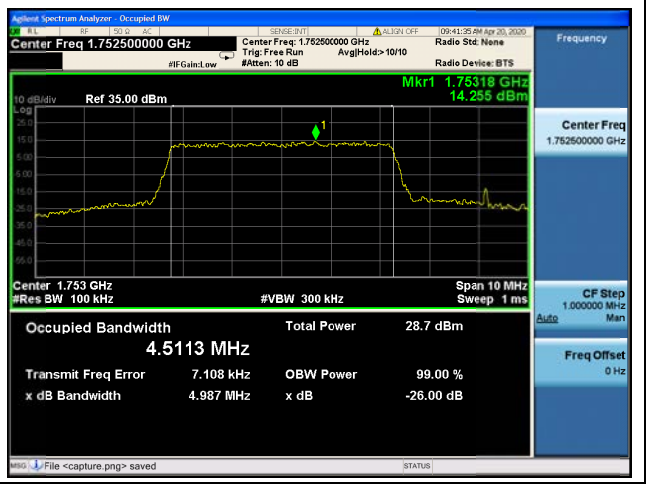
Band4 / 5MHz / Mid CH / 16QAM



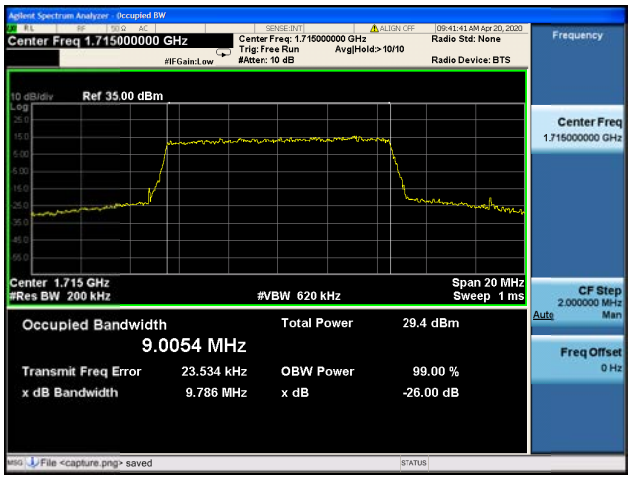
Band4 / 5MHz / High CH / QPSK



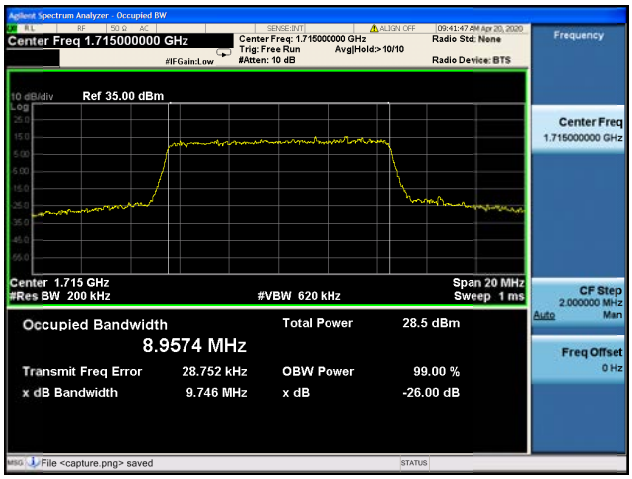
Band4 / 5MHz / High CH / 16QAM



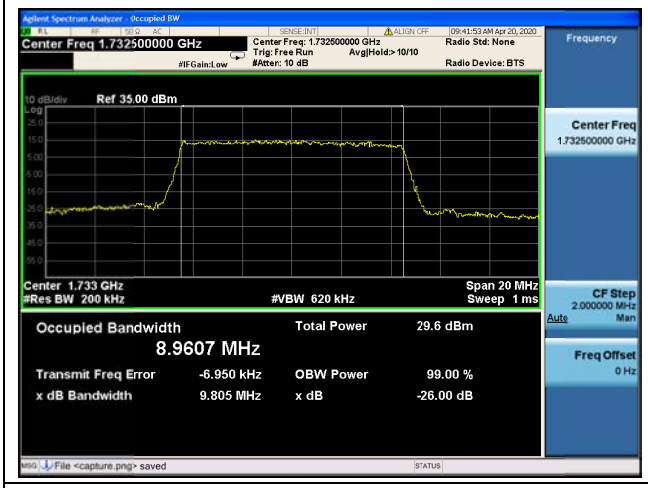
Band4 / 10MHz / Low CH / QPSK



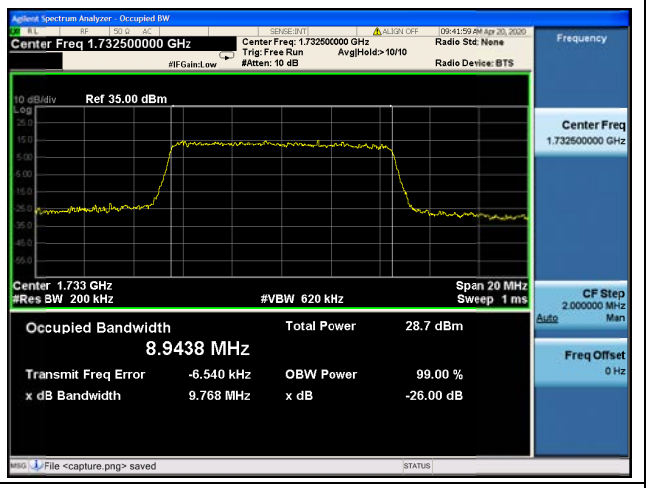
Band4 / 10MHz / Low CH / 16QAM



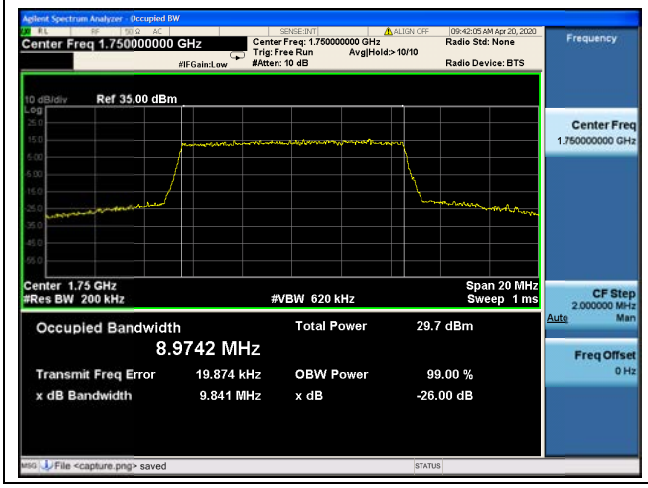
Band4 / 10MHz / Mid CH / QPSK



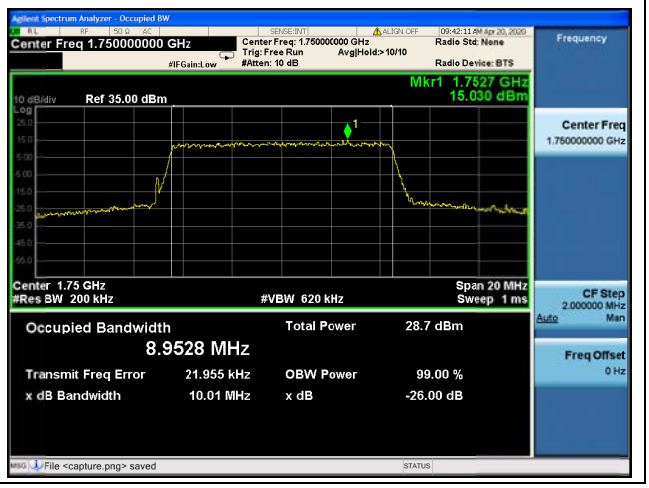
Band4 / 10MHz / Mid CH / 16QAM



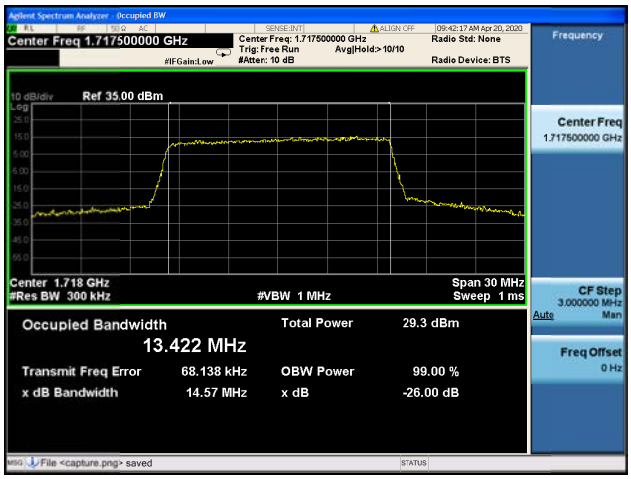
Band4 / 10MHz / High CH / QPSK



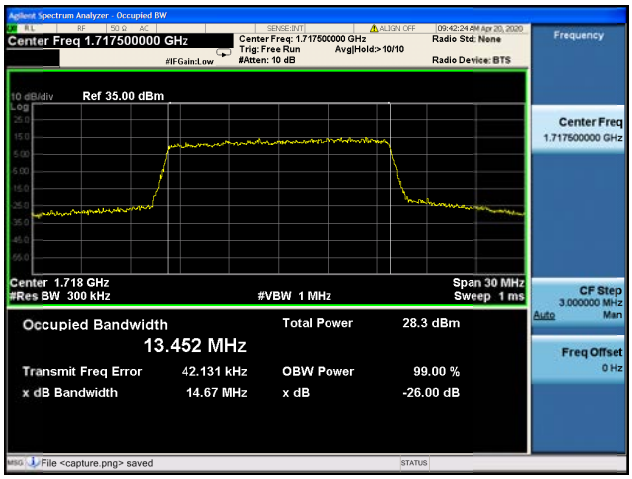
Band4 / 10MHz / High CH / 16QAM



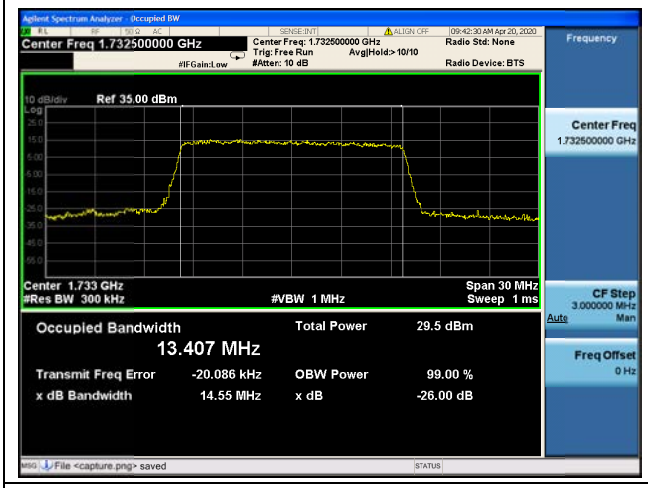
Band4 / 15MHz / Low CH / QPSK



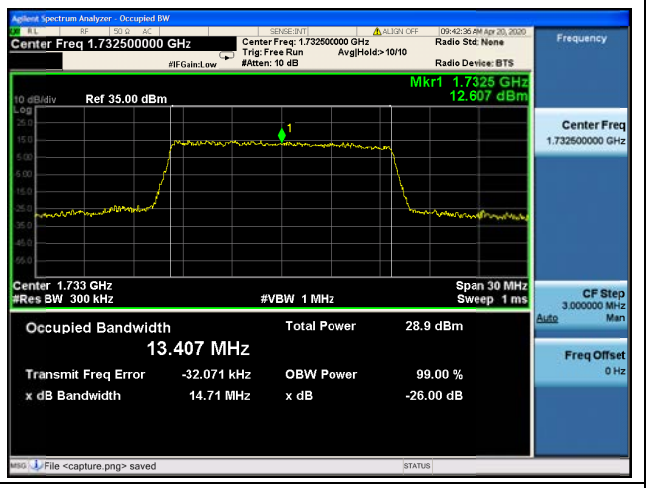
Band4 / 15MHz / Low CH / 16QAM



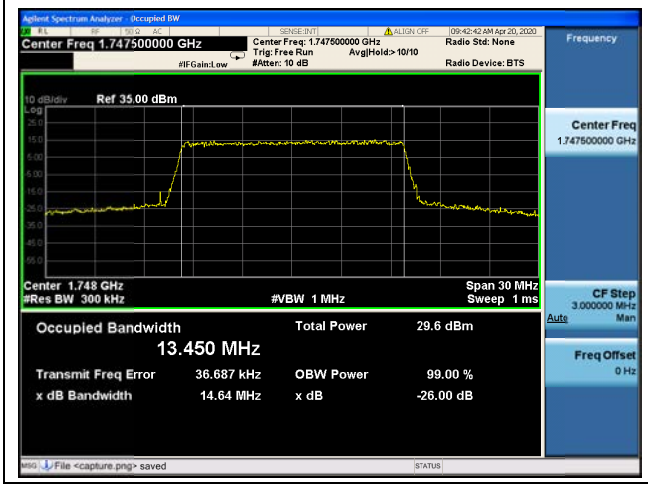
Band4 / 15MHz / Mid CH / QPSK



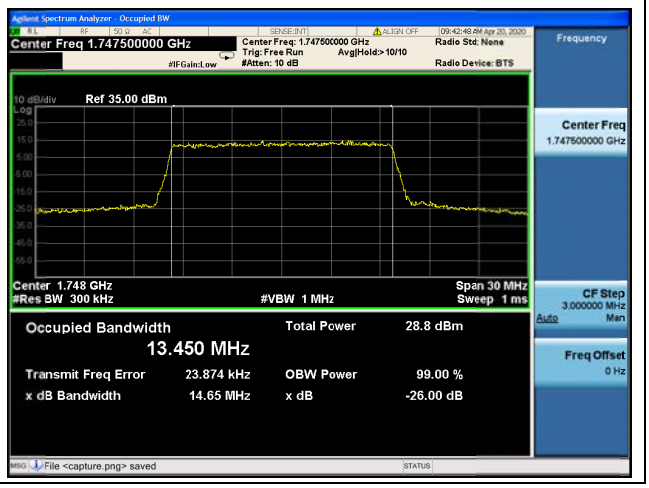
Band4 / 15MHz / Mid CH / 16QAM



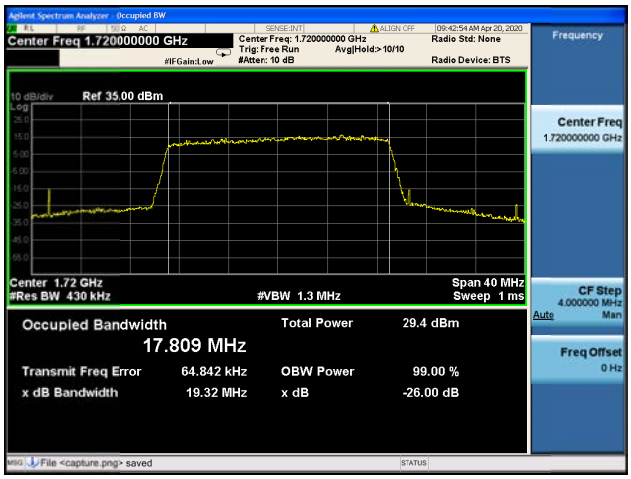
Band4 / 15MHz / High CH / QPSK



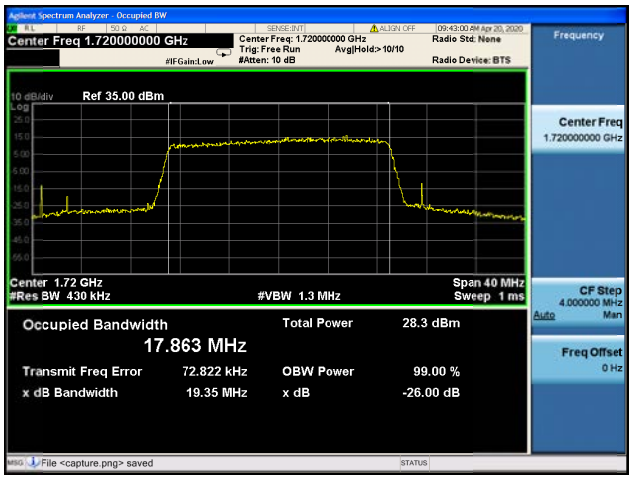
Band4 / 15MHz / High CH / 16QAM



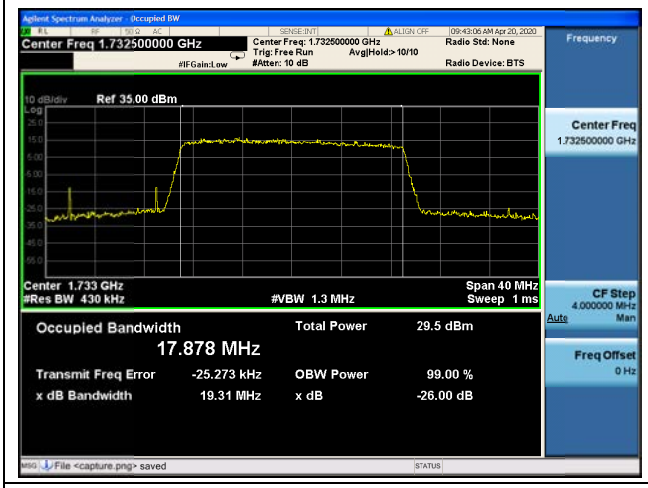
Band4 / 20MHz / Low CH / QPSK



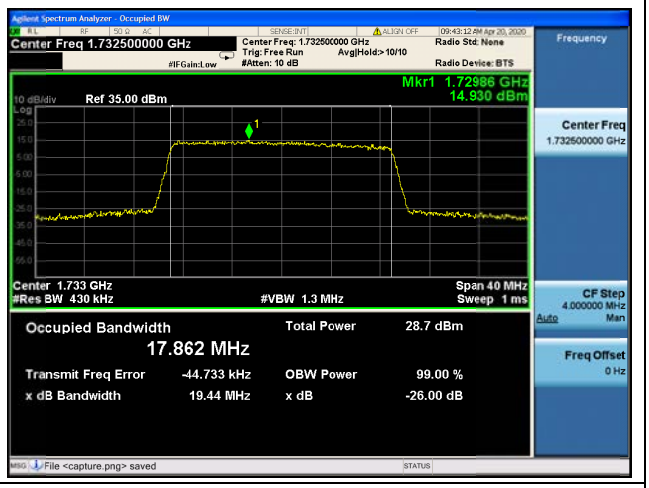
Band4 / 20MHz / Low CH / 16QAM



Band4 / 20MHz / Mid CH / QPSK

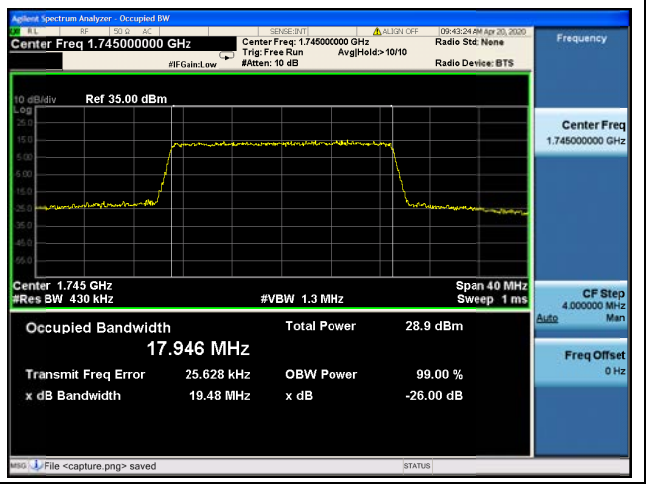


Band4 / 20MHz / Mid CH / 16QAM

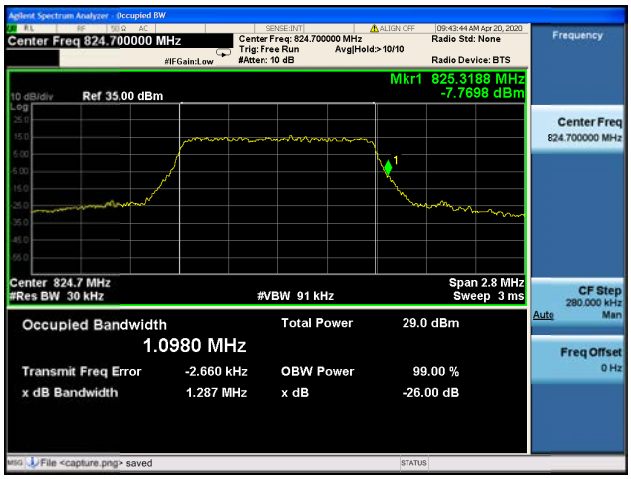


Band4 / 20MHz / High CH / QPSK

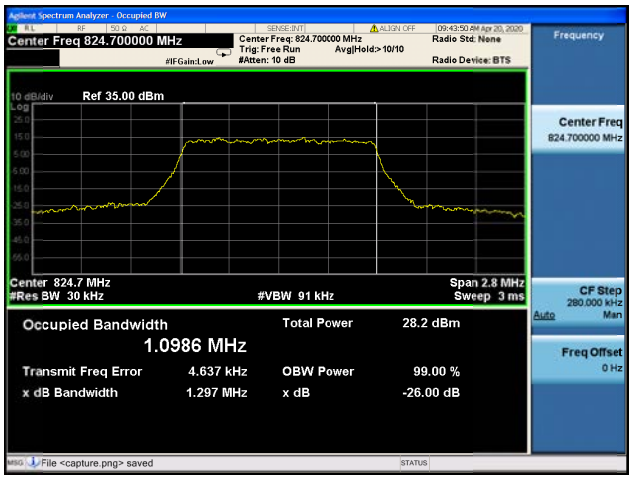
Band4 / 20MHz / High CH / 16QAM



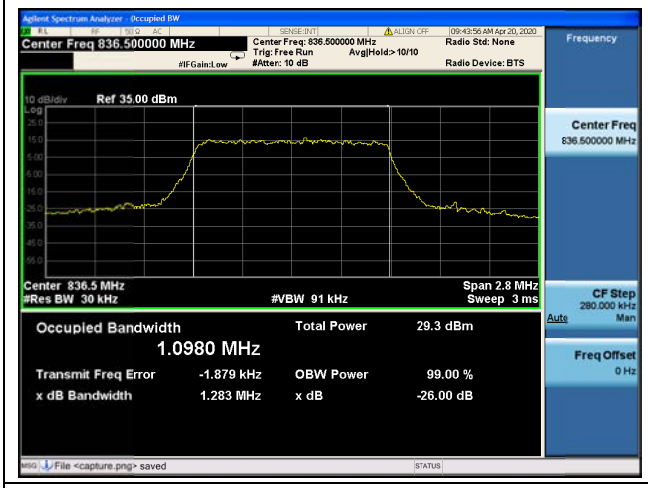
Band5 / 1.4MHz / Low CH / QPSK



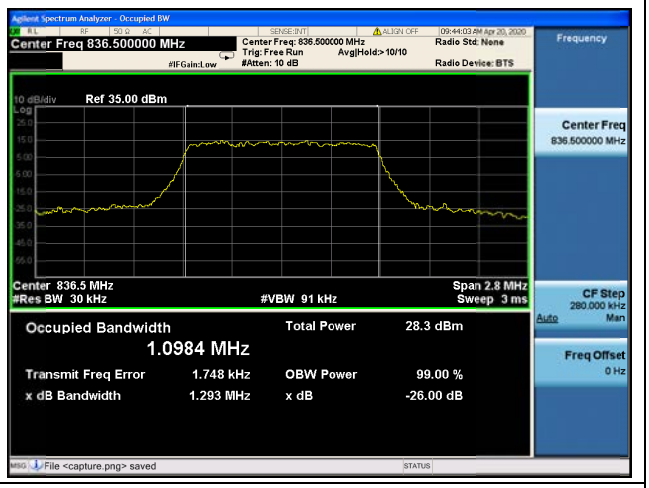
Band5 / 1.4MHz / Low CH / 16QAM



Band5 / 1.4MHz / Mid CH / QPSK

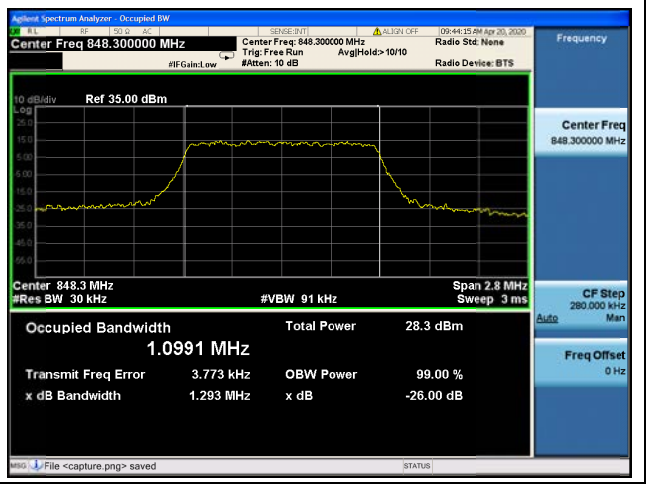


Band5 / 1.4MHz / Mid CH / 16QAM

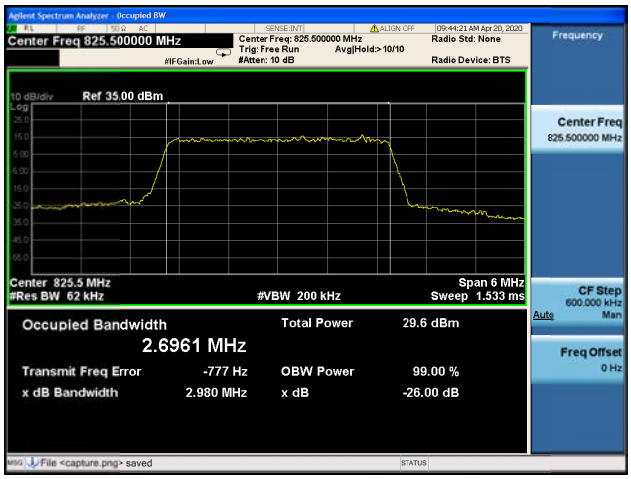


Band5 / 1.4MHz / High CH / QPSK

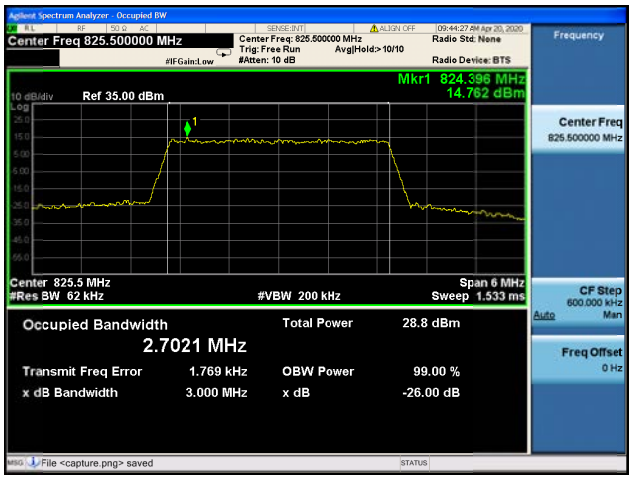
Band5 / 1.4MHz / High CH / 16QAM



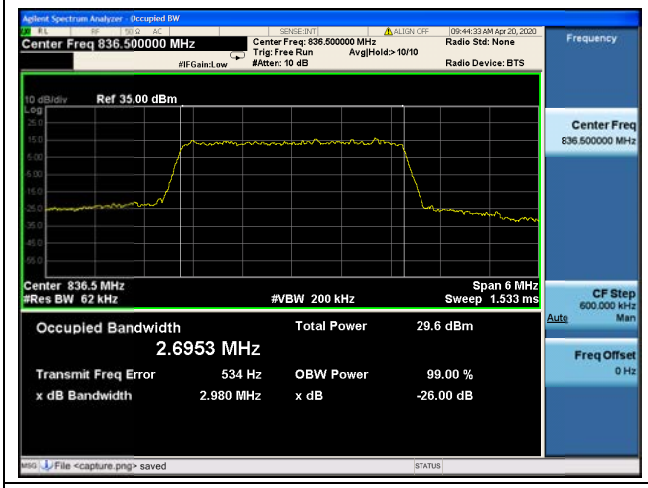
Band5 / 3MHz / Low CH / QPSK



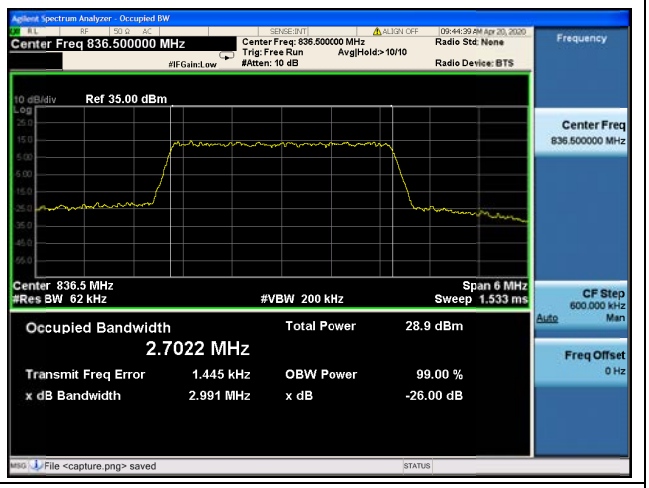
Band5 / 3MHz / Low CH / 16QAM



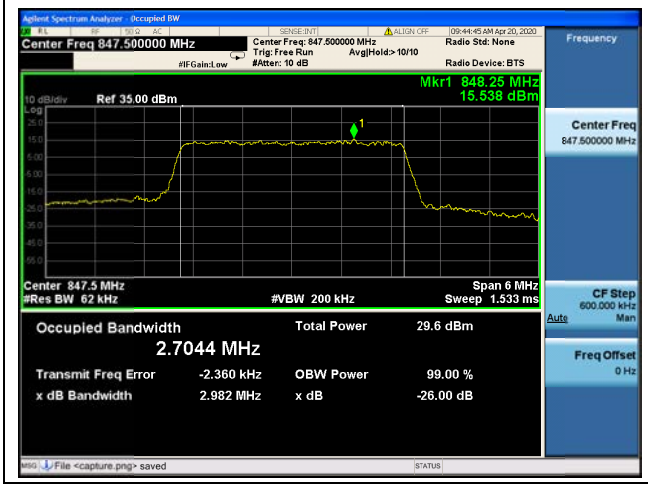
Band5 / 3MHz / Mid CH / QPSK



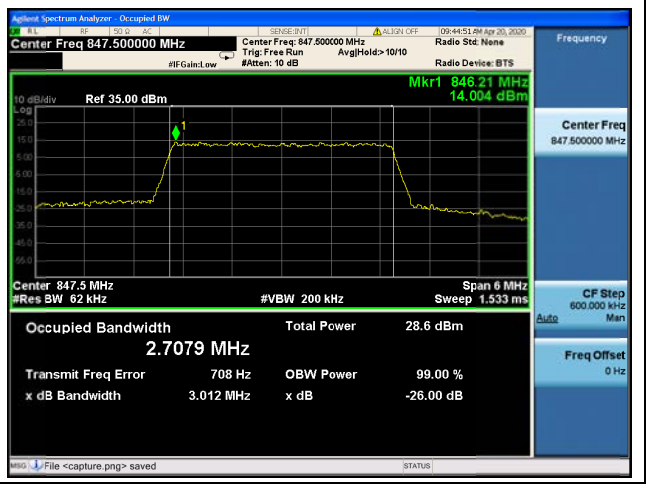
Band5 / 3MHz / Mid CH / 16QAM



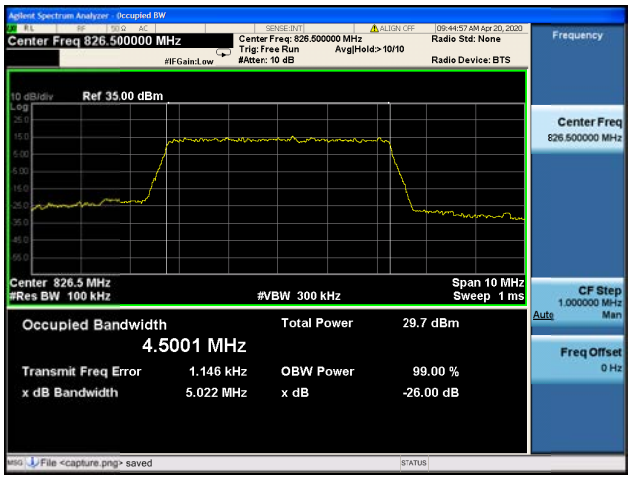
Band5 / 3MHz / High CH / QPSK



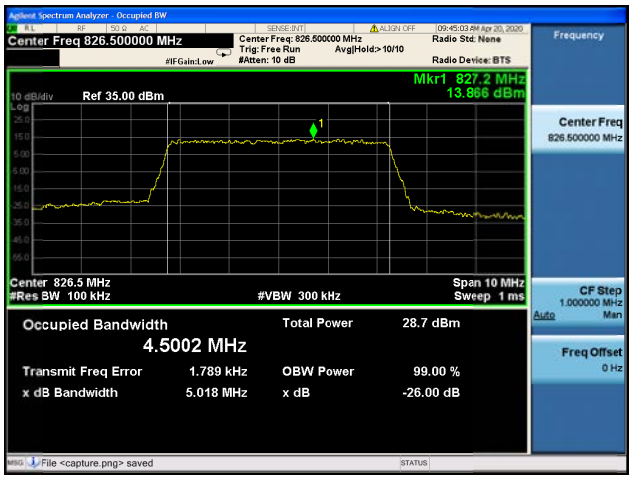
Band5 / 3MHz / High CH / 16QAM



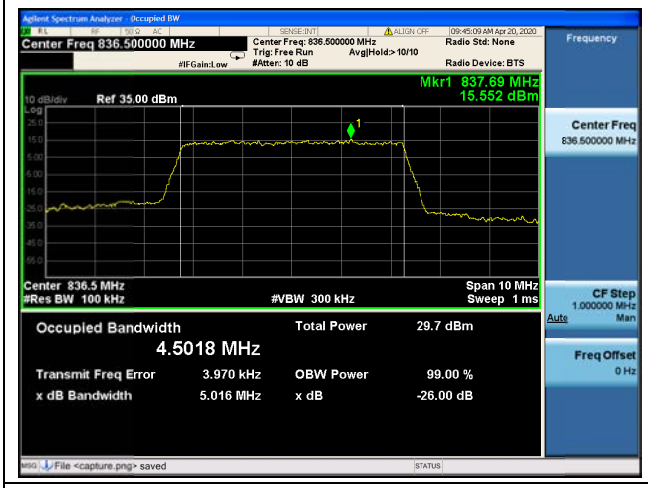
Band5 / 5MHz / Low CH / QPSK



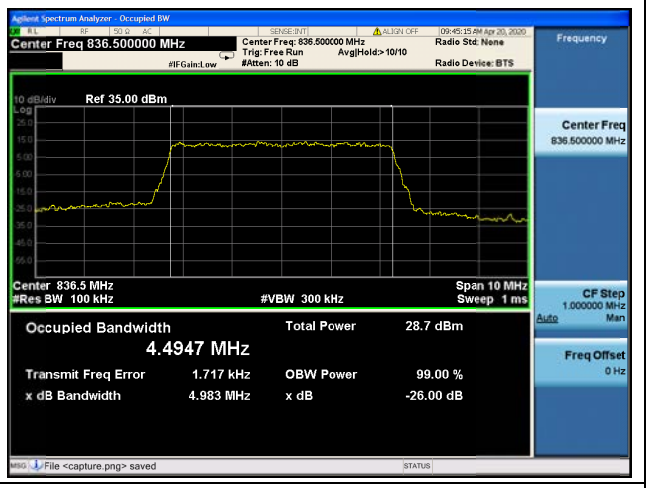
Band5 / 5MHz / Low CH / 16QAM



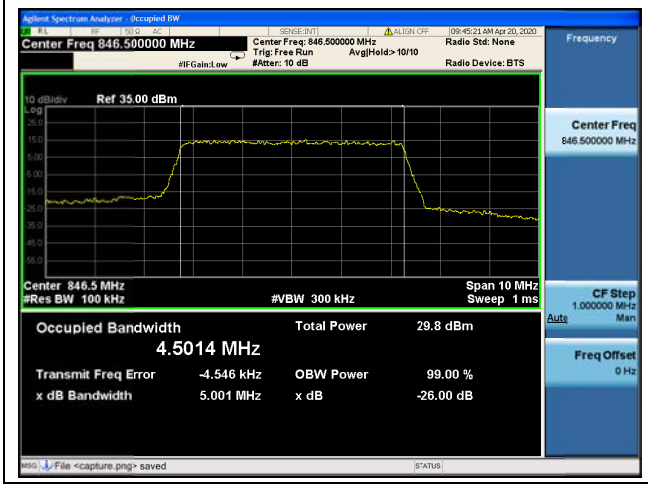
Band5 / 5MHz / Mid CH / QPSK



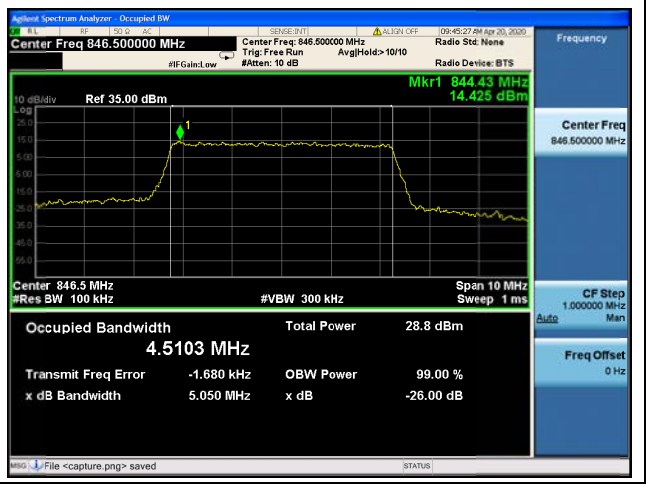
Band5 / 5MHz / Mid CH / 16QAM



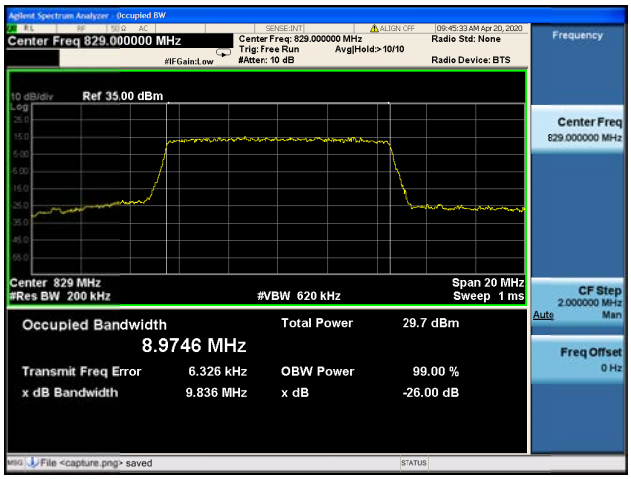
Band5 / 5MHz / High CH / QPSK



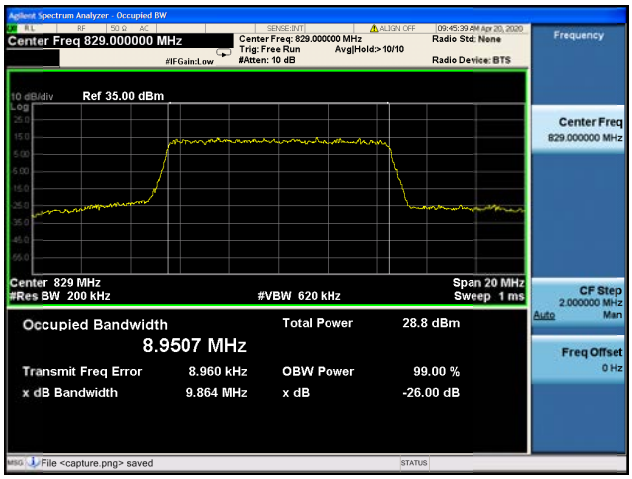
Band5 / 5MHz / High CH / 16QAM



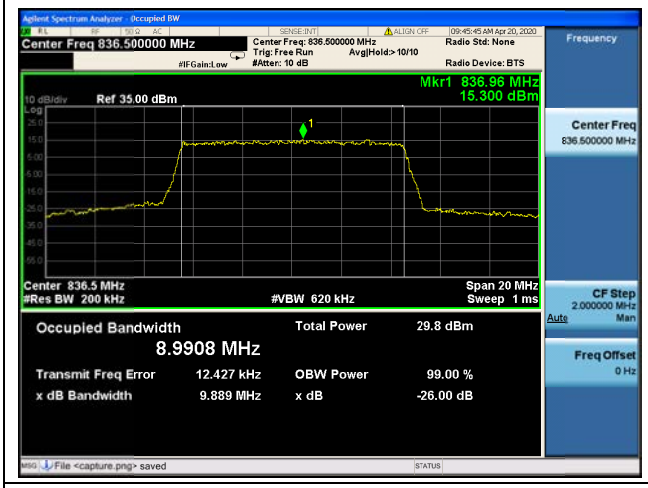
Band5 / 10MHz / Low CH / QPSK



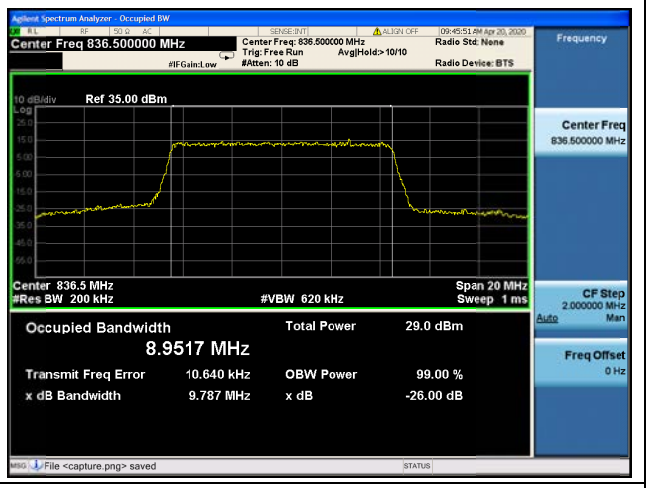
Band5 / 10MHz / Low CH / 16QAM



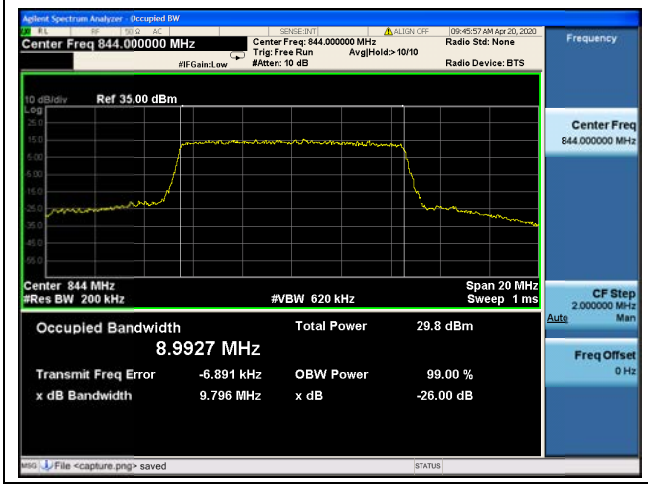
Band5 / 10MHz / Mid CH / QPSK



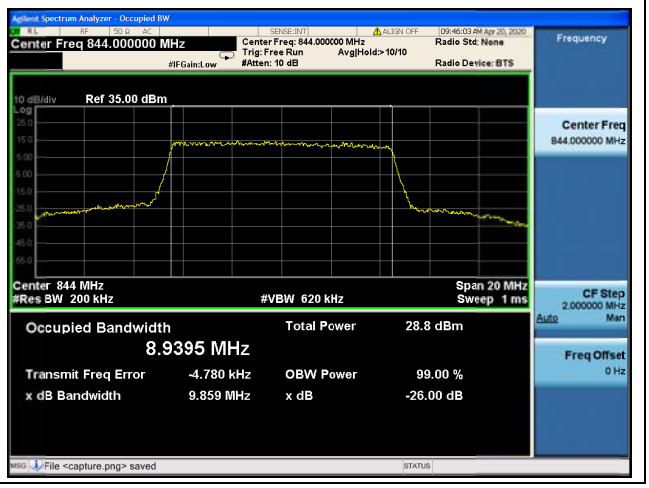
Band5 / 10MHz / Mid CH / 16QAM



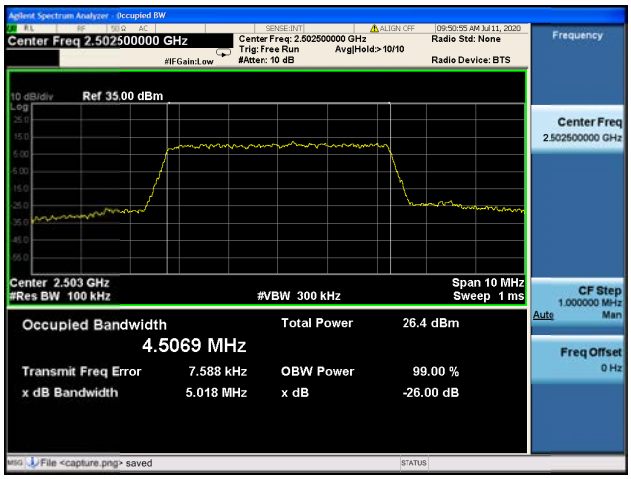
Band5 / 10MHz / High CH / QPSK



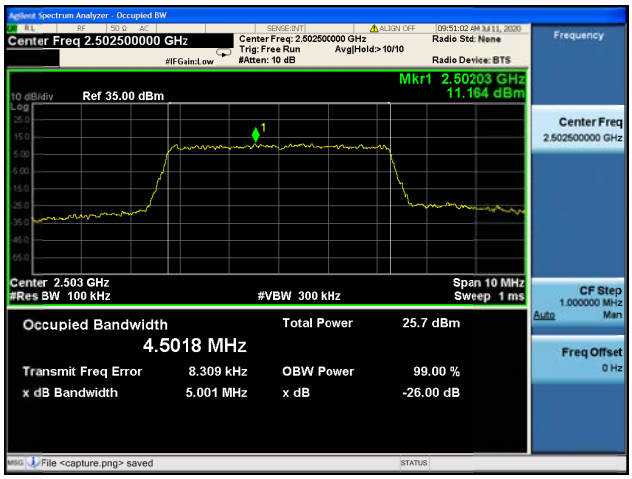
Band5 / 10MHz / High CH / 16QAM



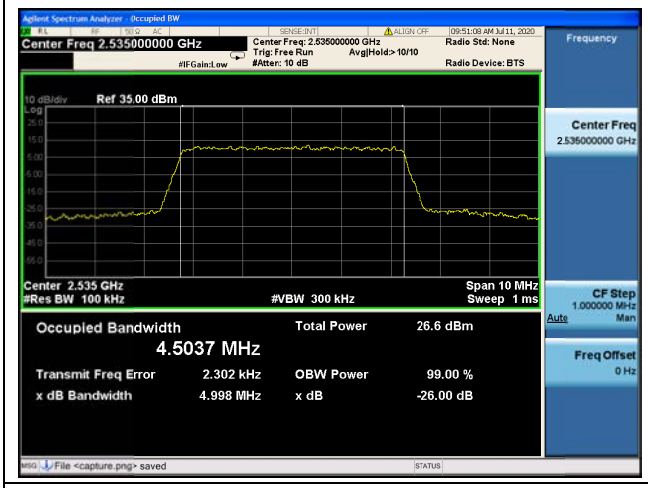
Band7 / 5MHz / Low CH / QPSK



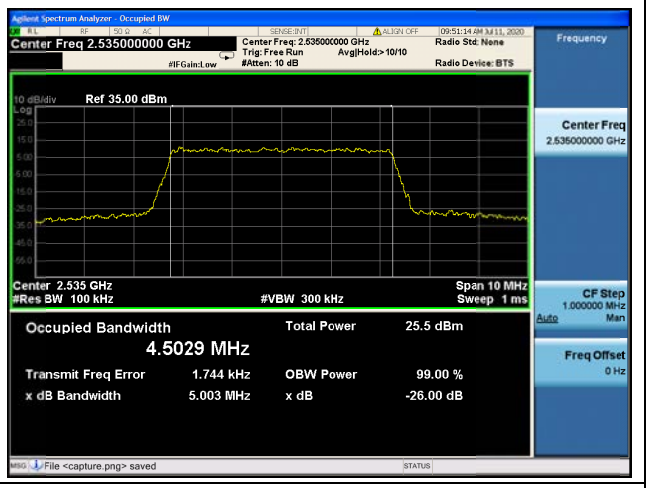
Band7 / 5MHz / Low CH / 16QAM



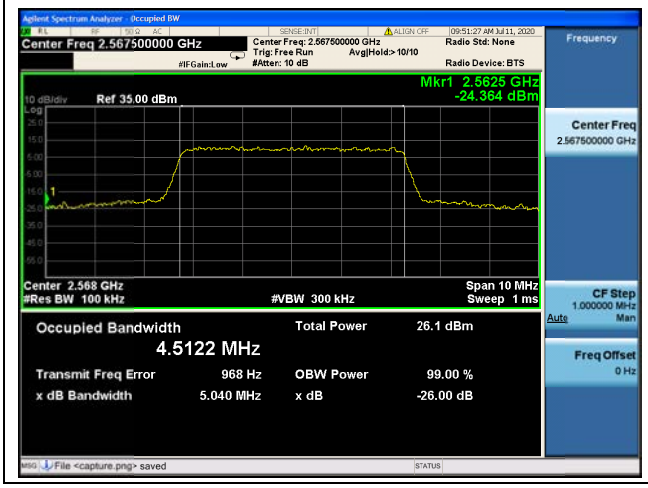
Band7 / 5MHz / Mid CH / QPSK



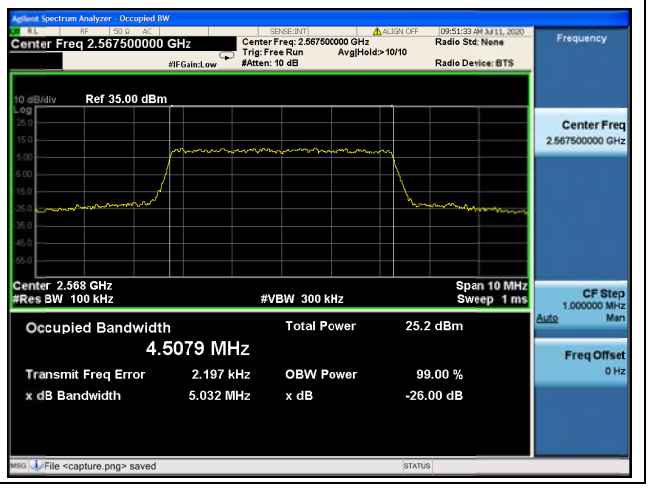
Band7 / 5MHz / Mid CH / 16QAM



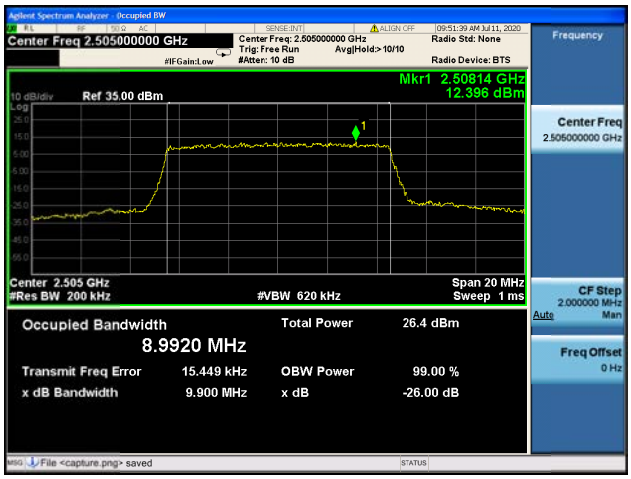
Band7 / 5MHz / High CH / QPSK



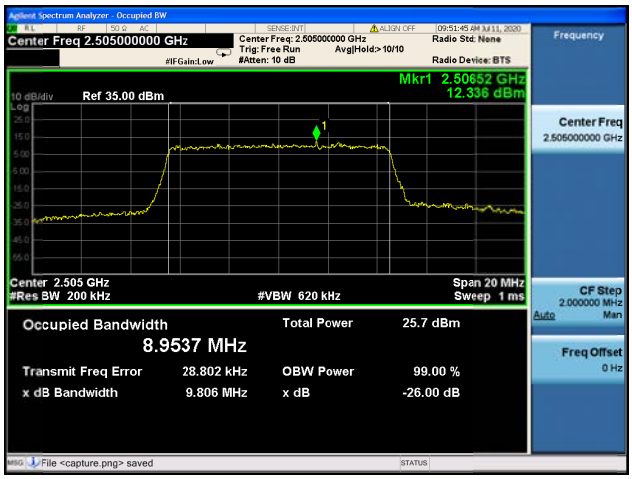
Band7 / 5MHz / High CH / 16QAM



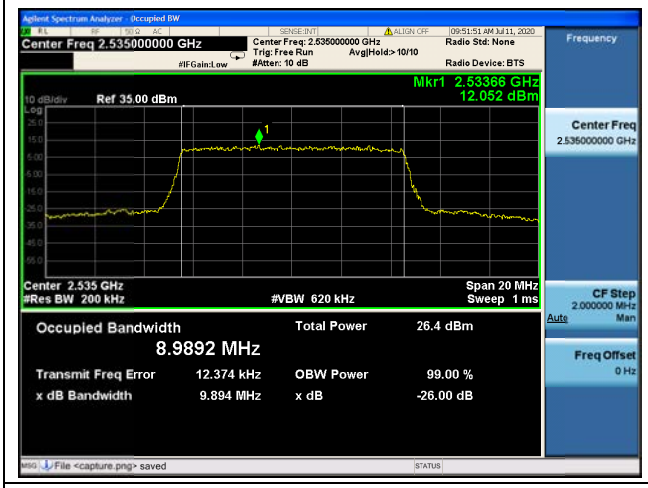
Band7 / 10MHz / Low CH / QPSK



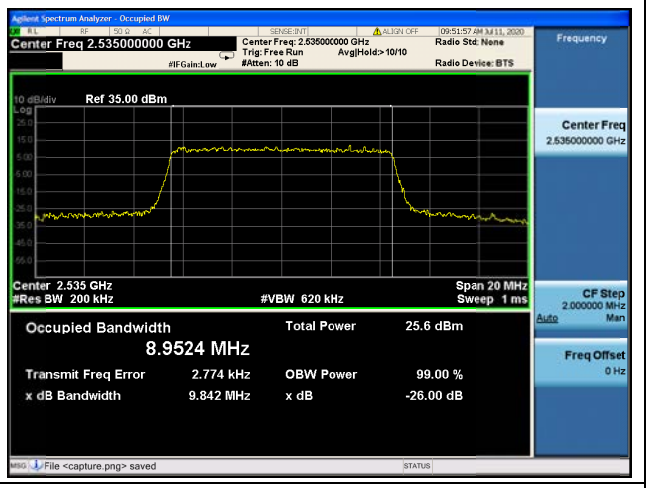
Band7 / 10MHz / Low CH / 16QAM



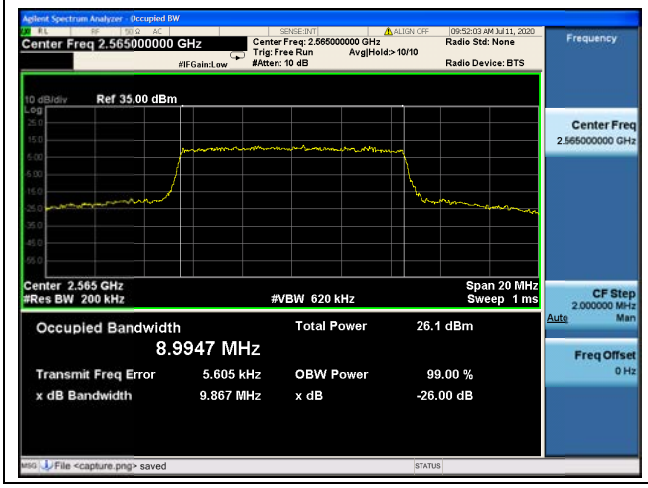
Band7 / 10MHz / Mid CH / QPSK



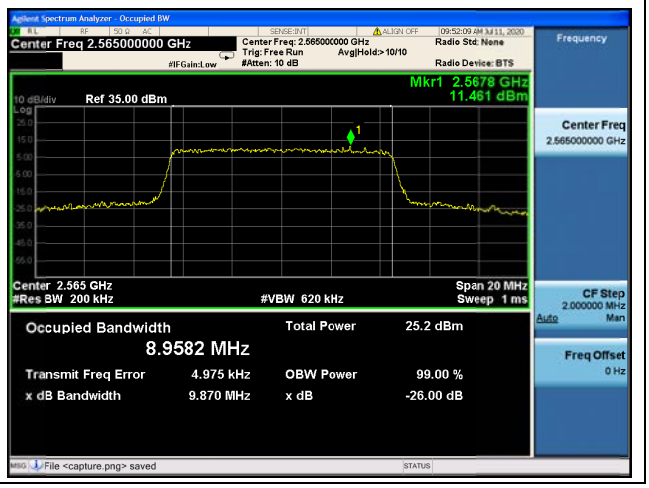
Band7 / 10MHz / Mid CH / 16QAM



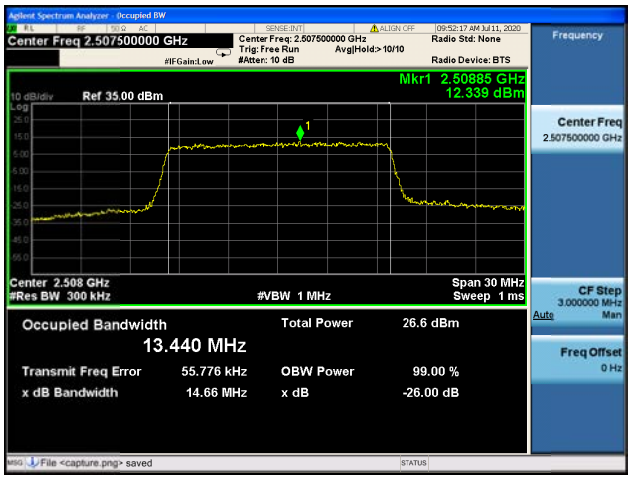
Band7 / 10MHz / High CH / QPSK



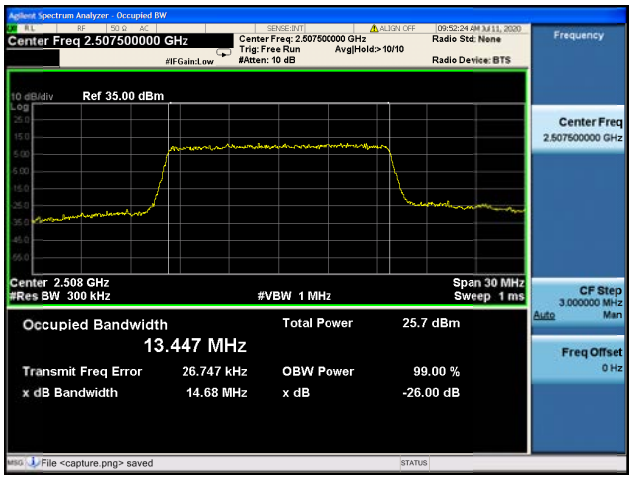
Band7 / 10MHz / High CH / 16QAM



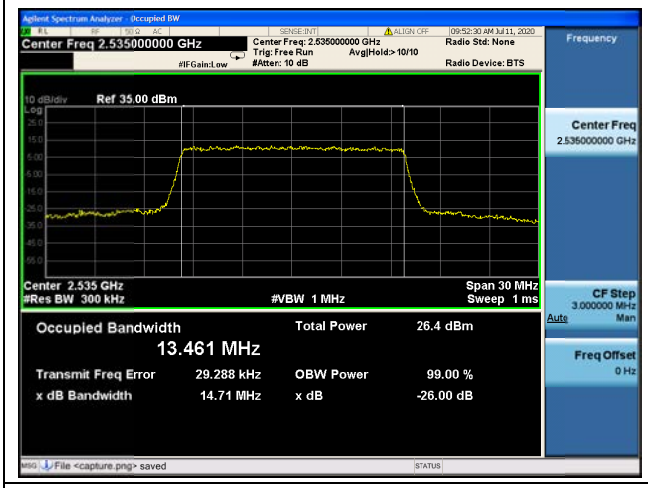
Band7 / 15MHz / Low CH / QPSK



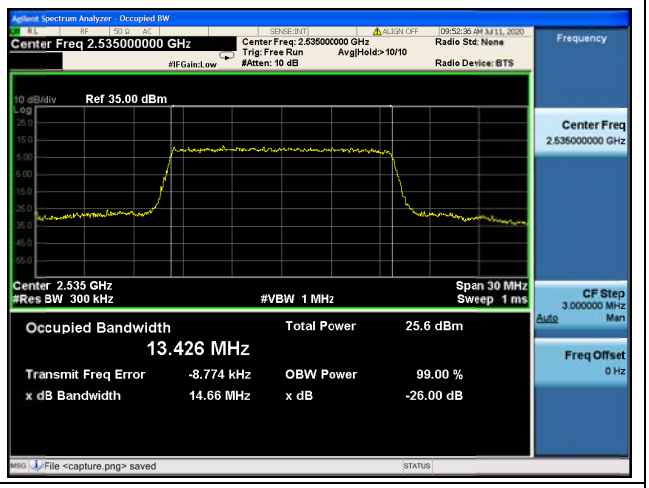
Band7 / 15MHz / Low CH / 16QAM



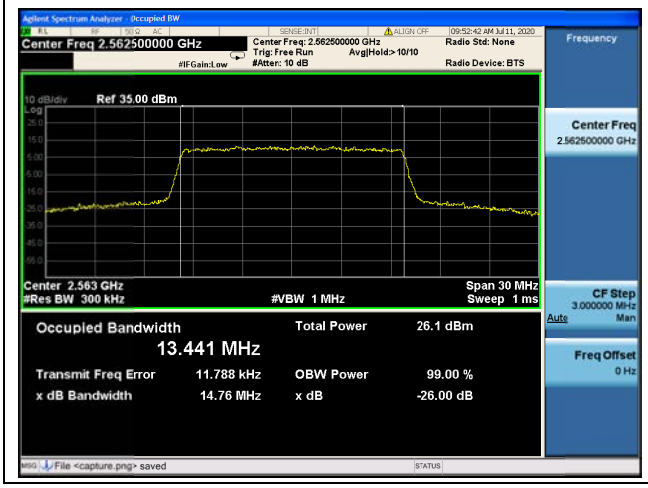
Band7 / 15MHz / Mid CH / QPSK



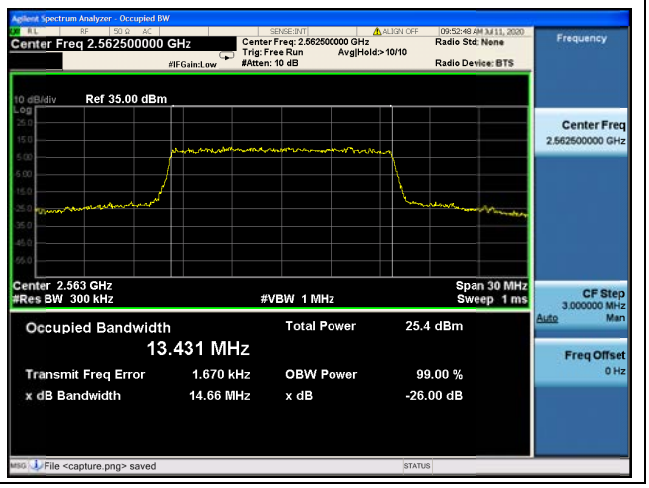
Band7 / 15MHz / Mid CH / 16QAM



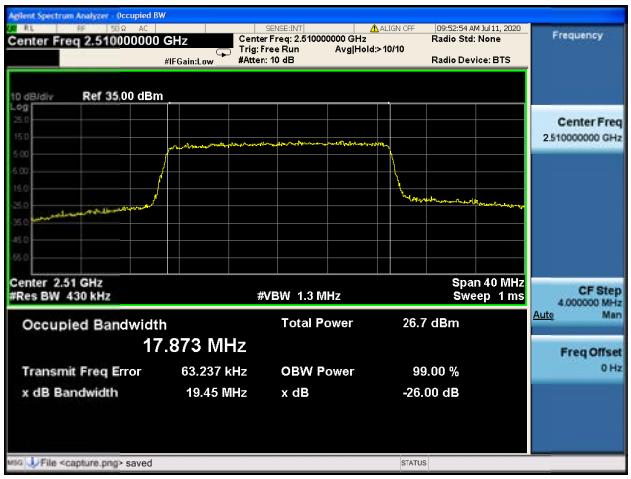
Band7 / 15MHz / High CH / QPSK



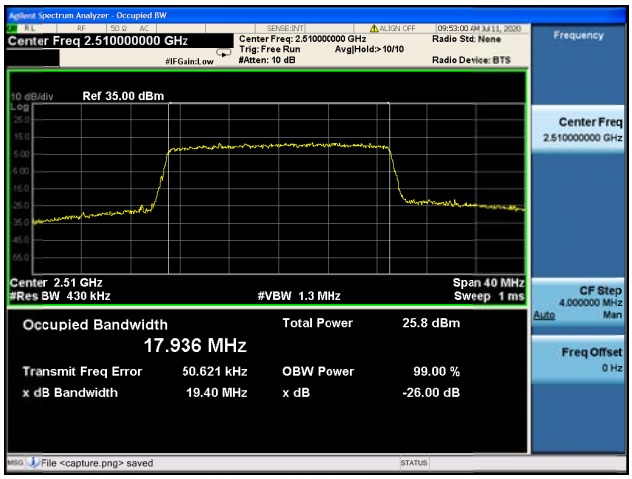
Band7 / 15MHz / High CH / 16QAM



Band7 / 20MHz / Low CH / QPSK

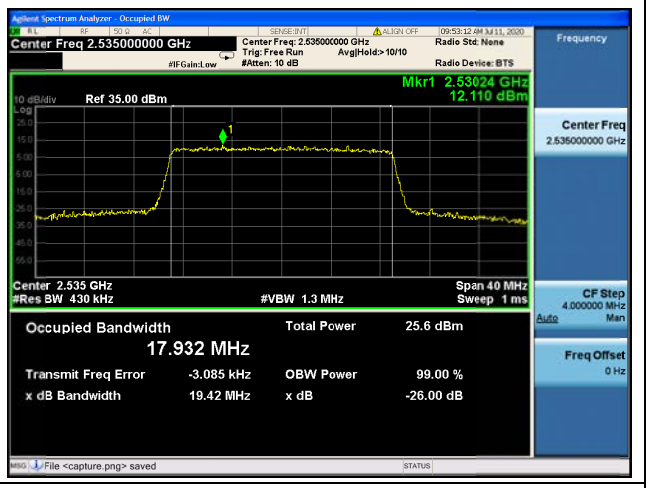


Band7 / 20MHz / Low CH / 16QAM

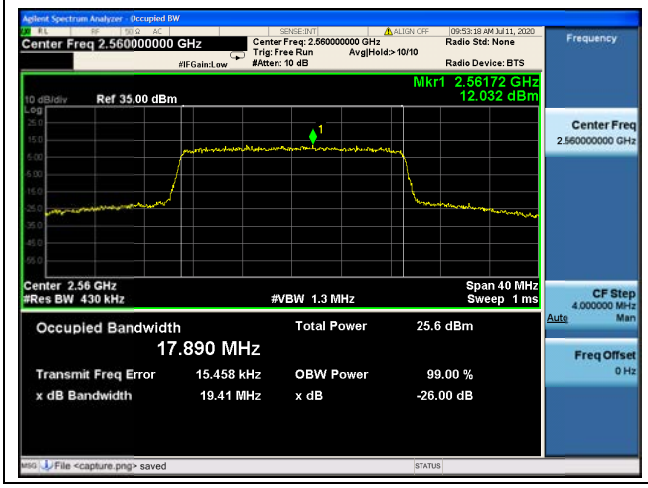


Band7 / 20MHz / Mid CH / QPSK

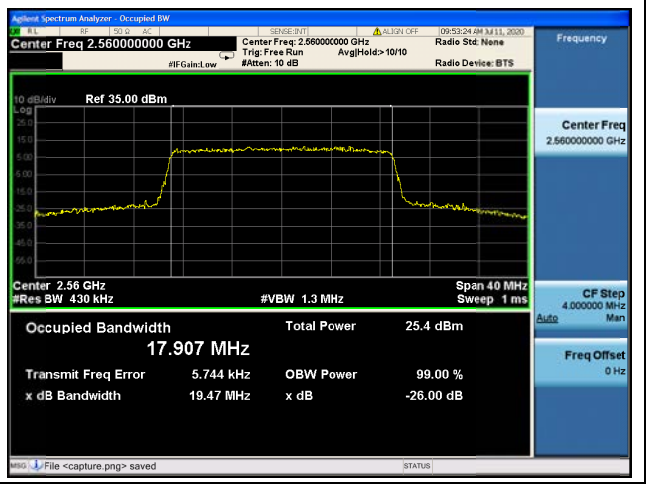
Band7 / 20MHz / Mid CH / 16QAM



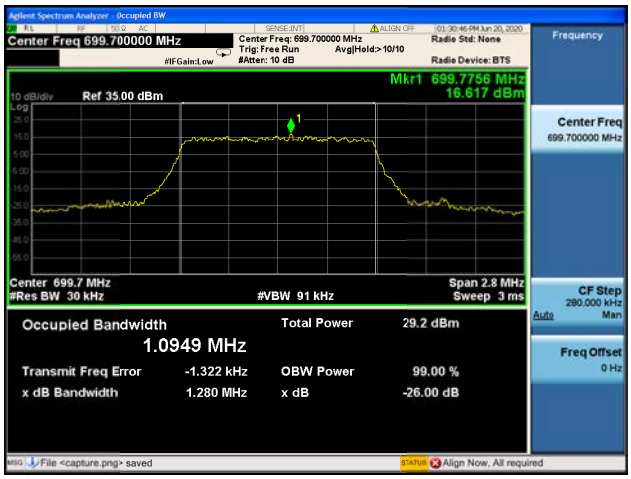
Band7 / 20MHz / High CH / QPSK



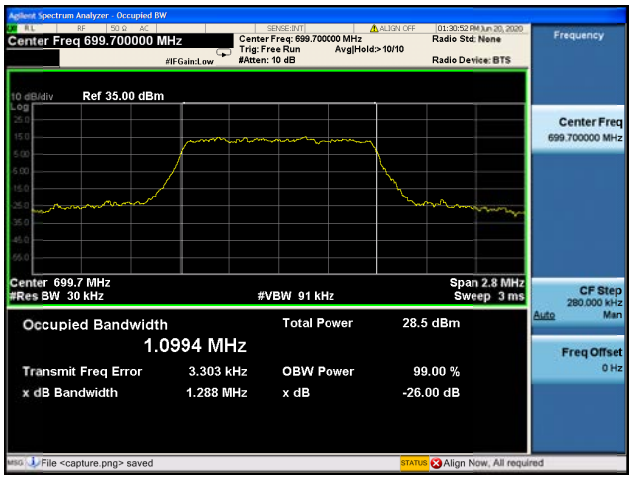
Band7 / 20MHz / High CH / 16QAM



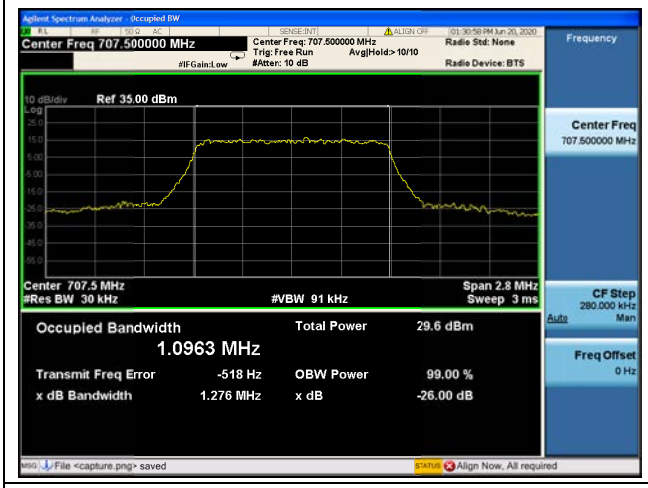
Band12 / 1.4MHz / Low CH / QPSK



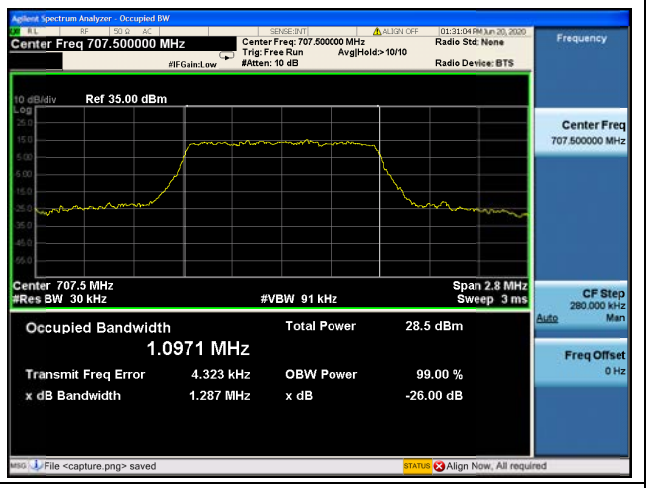
Band12 / 1.4MHz / Low CH / 16QAM



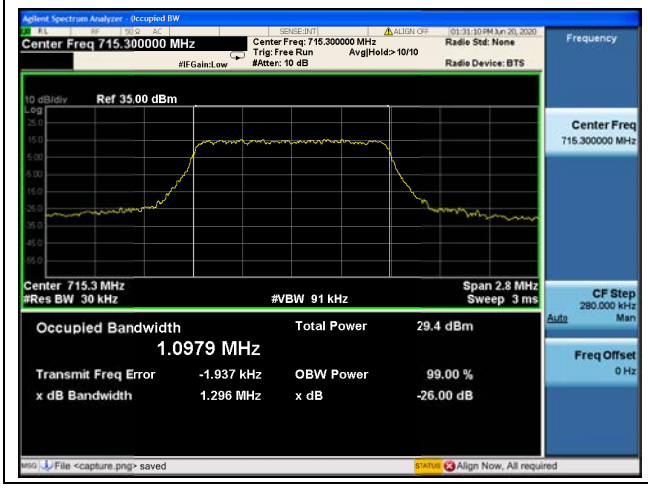
Band12 / 1.4MHz / Mid CH / QPSK



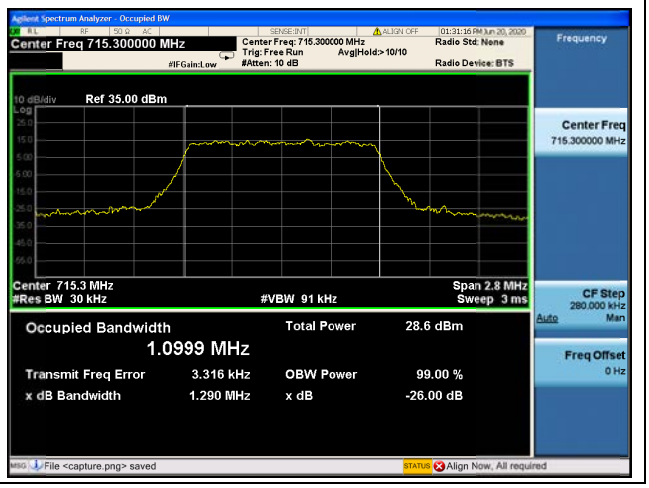
Band12 / 1.4MHz / Mid CH / 16QAM



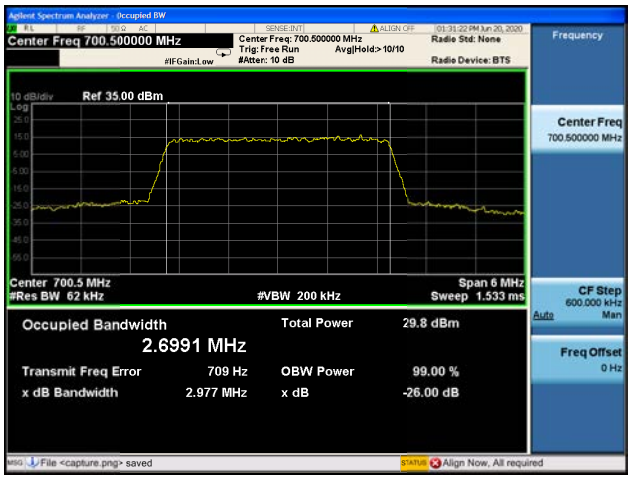
Band12 / 1.4MHz / High CH / QPSK



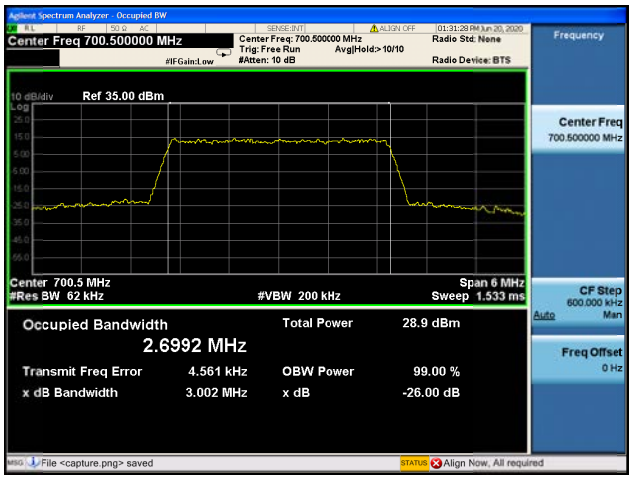
Band12 / 1.4MHz / High CH / 16QAM



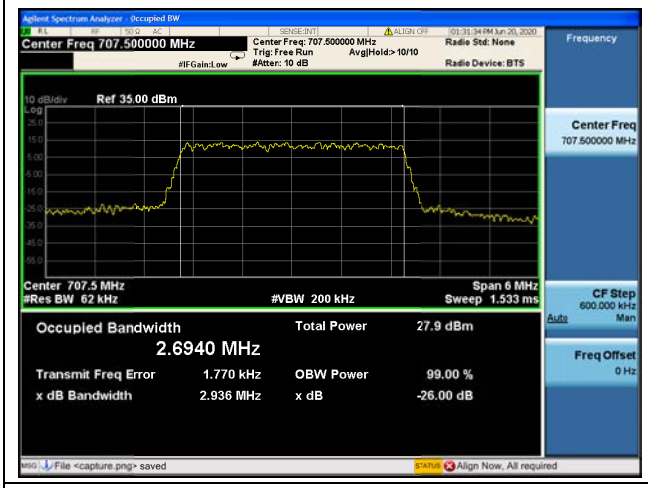
Band12 / 3MHz / Low CH / QPSK



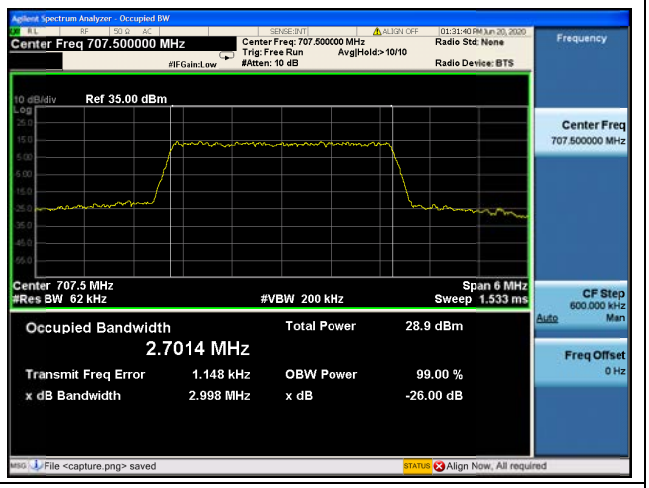
Band12 / 3MHz / Low CH / 16QAM



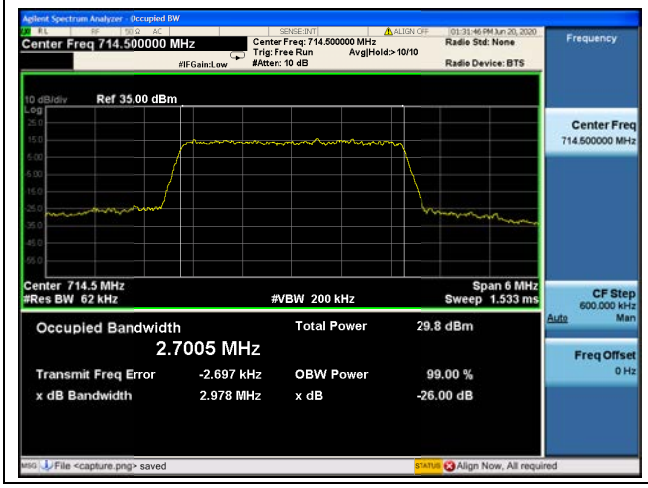
Band12 / 3MHz / Mid CH / QPSK



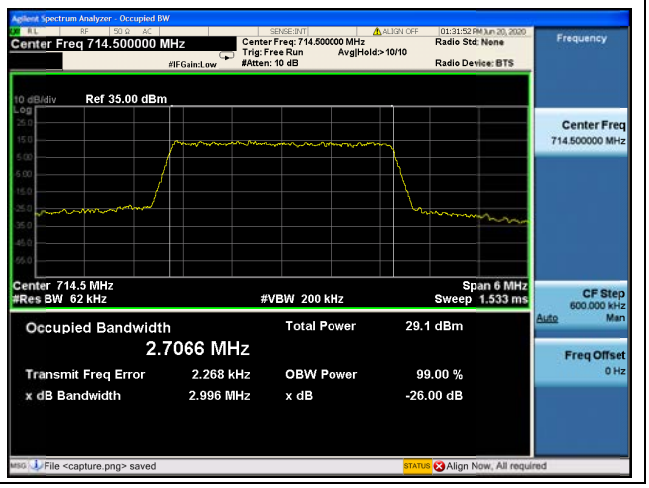
Band12 / 3MHz / Mid CH / 16QAM



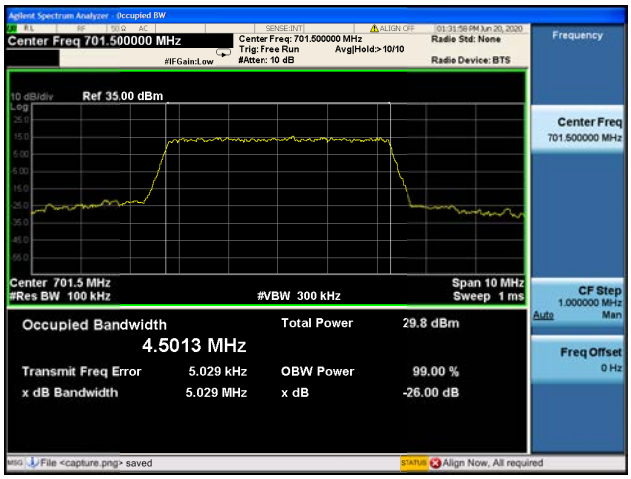
Band12 / 3MHz / High CH / QPSK



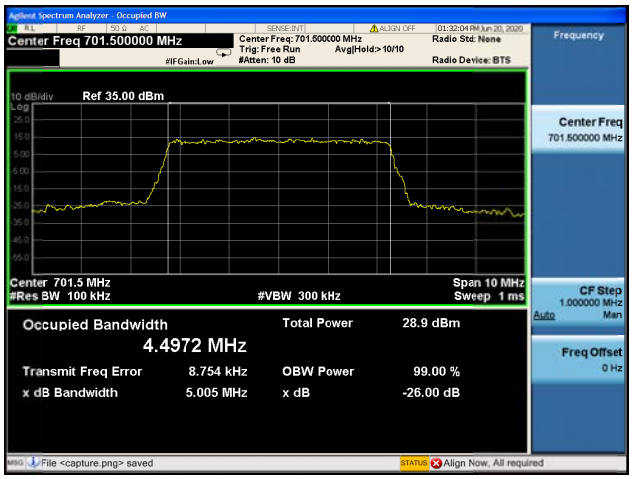
Band12 / 3MHz / High CH / 16QAM



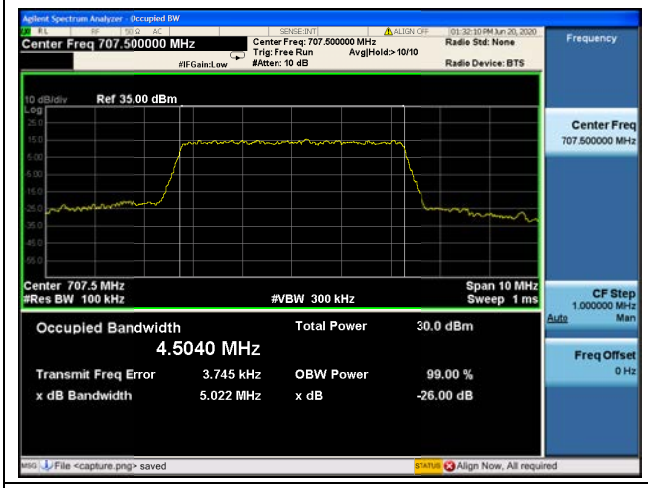
Band12 / 5MHz / Low CH / QPSK



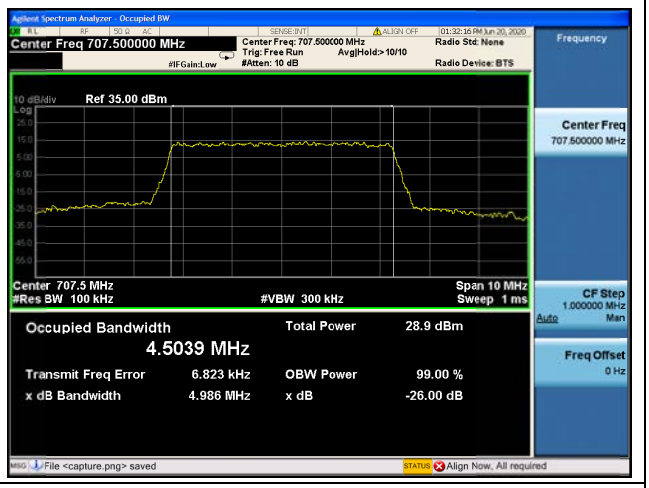
Band12 / 5MHz / Low CH / 16QAM



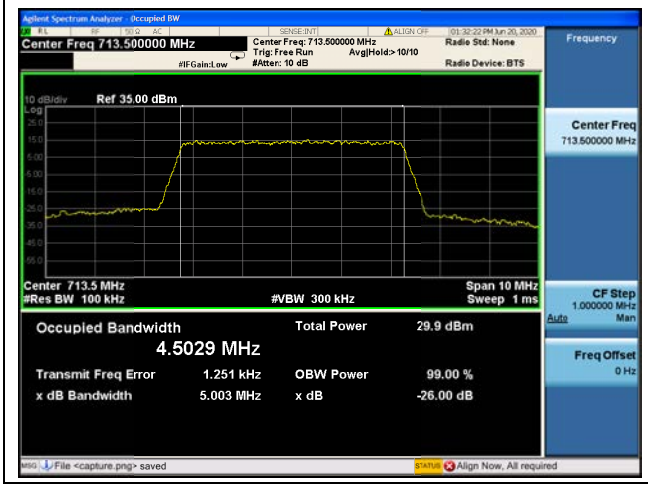
Band12 / 5MHz / Mid CH / QPSK



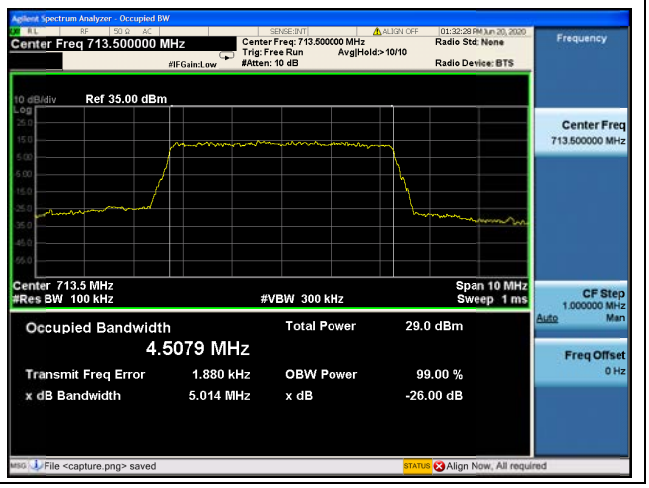
Band12 / 5MHz / Mid CH / 16QAM



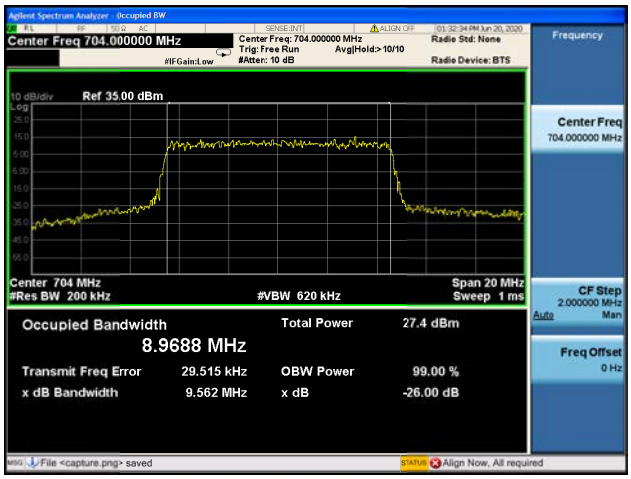
Band12 / 5MHz / High CH / QPSK



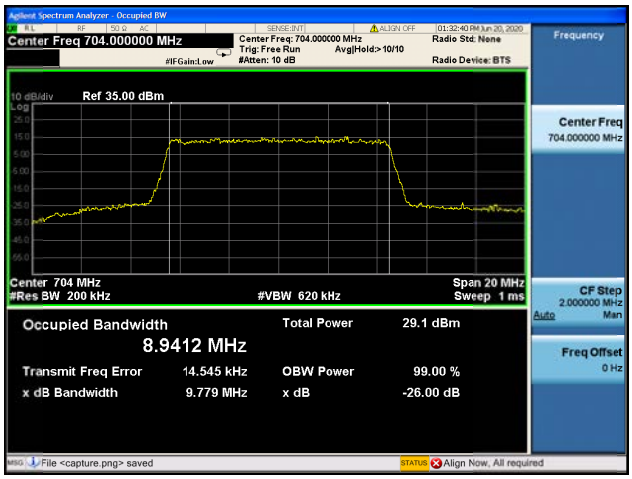
Band12 / 5MHz / High CH / 16QAM



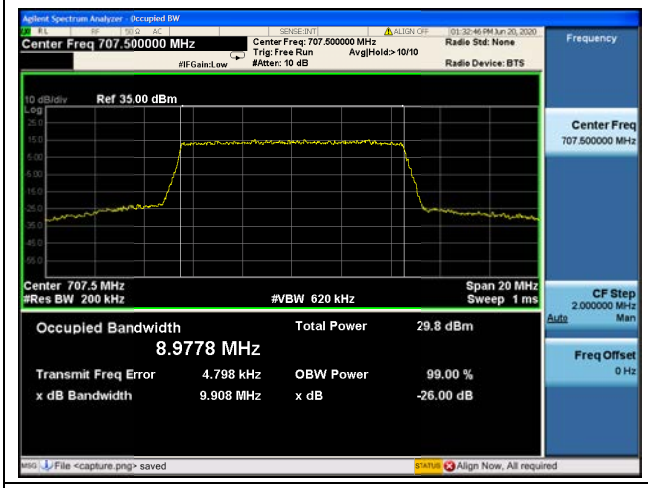
Band12 / 10MHz / Low CH / QPSK



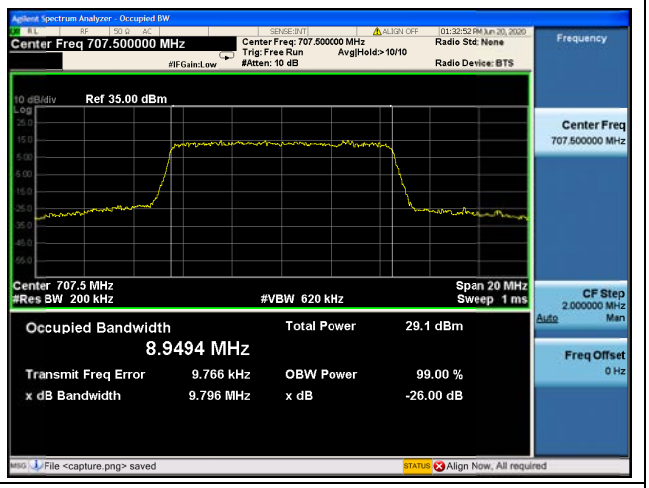
Band12 / 10MHz / Low CH / 16QAM



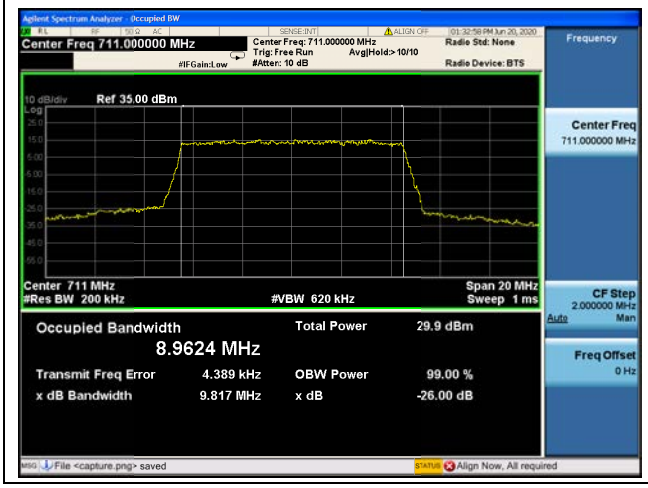
Band12 / 10MHz / Mid CH / QPSK



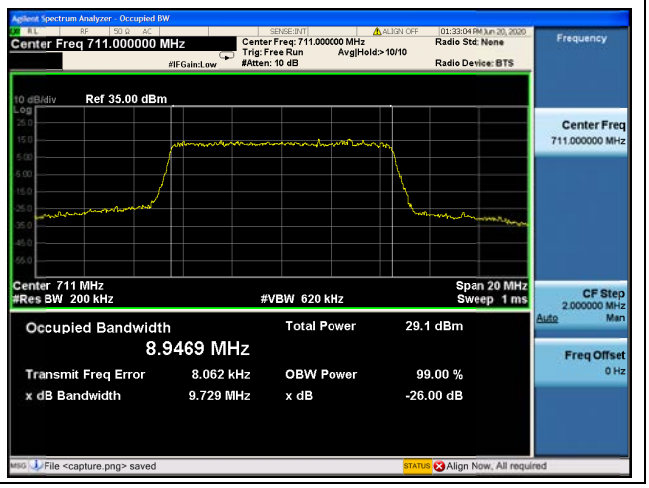
Band12 / 10MHz / Mid CH / 16QAM



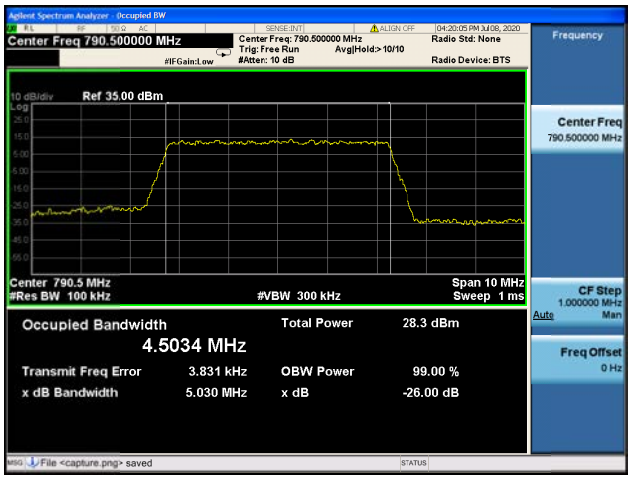
Band12 / 10MHz / High CH / QPSK



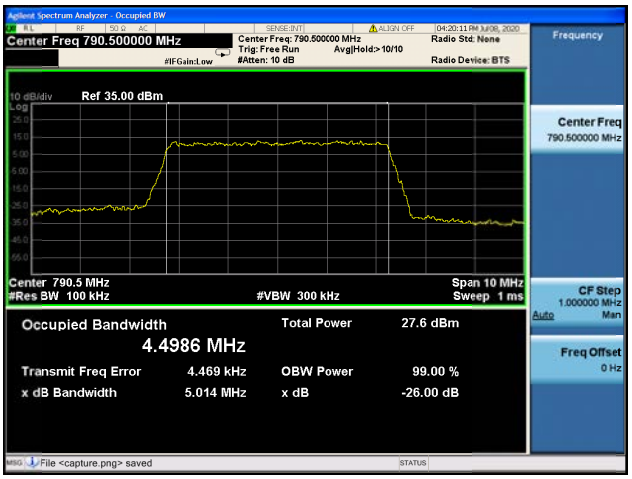
Band12 / 10MHz / High CH / 16QAM



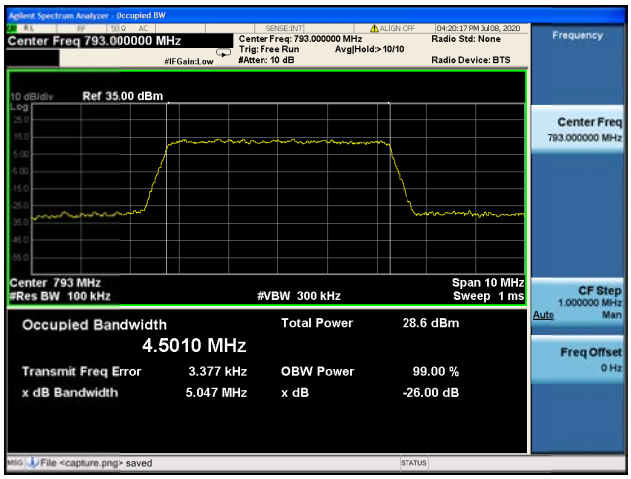
Band14 / 5MHz / Low CH / QPSK



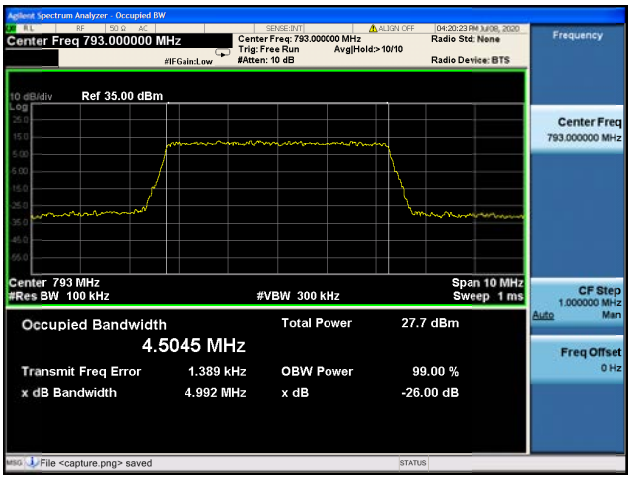
Band14 / 5MHz / Low CH / 16QAM



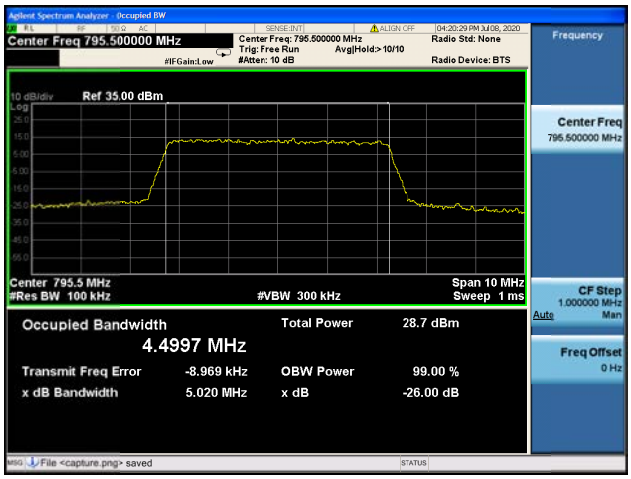
Band14 / 5MHz / Mid CH / QPSK



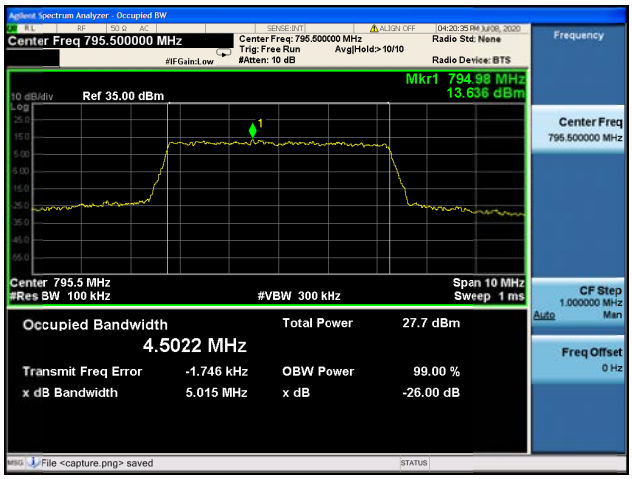
Band14 / 5MHz / Mid CH / 16QAM



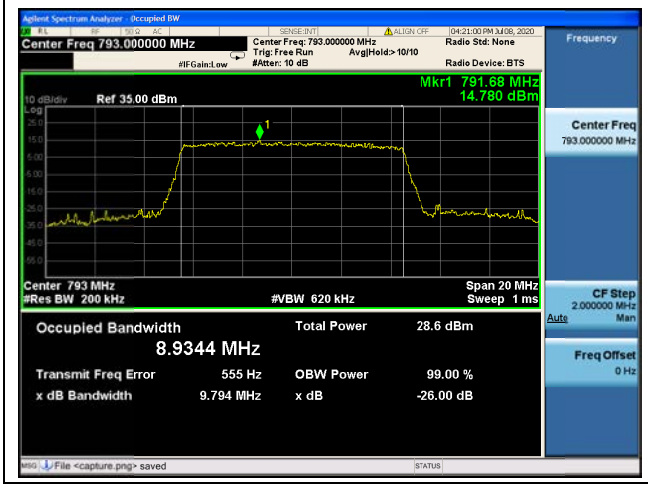
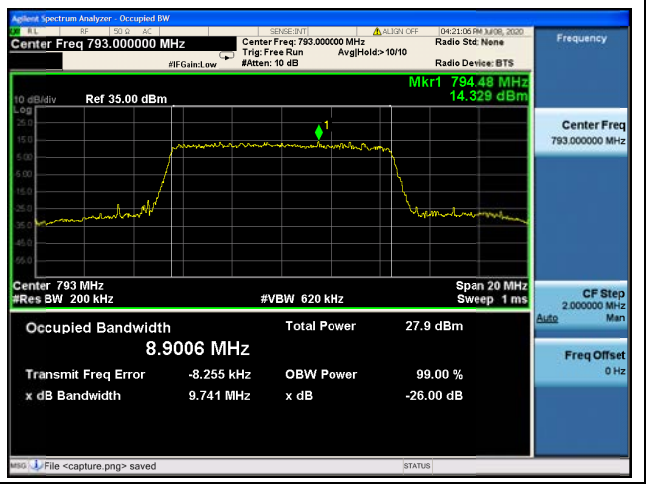
Band14 / 5MHz / High CH / QPSK



Band14 / 5MHz / High CH / 16QAM



Band14 / 10MHz / Mid CH / QPSK



Band14 / 10MHz / Mid CH / 16QAM