TEST REPORT

APPLICANT	:	Nubia Technology Co.,Ltd.
PRODUCT NAME	:	5G Mobile Phone
MODEL NAME	:	NX669J
BRAND NAME	:	REDMAGIC
FCC ID	:	2AHJO-NX669J
STANDARD(S)	:	47 CFR Part 22, Subpart H 47 CFR Part 24, Subpart E 47 CFR Part 27, Subpart H&L&M
RECEIPT DATE	:	2020-12-29
TEST DATE	:	2020-12-31 to 2021-03-04
ISSUE DATE	:	2021-07-19

Edited by: Peng Mi (Rapporteur)

Approved by: Shen Junsehng (Supervisor)

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MORLAB

Shenzhen Morlab Communications Technology Co., Ltd.
FL1-3, Building A, FeiYang Science Park, No.8 LongChang Road,
Block67, BaoAn District, ShenZhen , GuangDong Province, P. R. China

Tel: 86-755-36698555 Fax: 86-755-36698525
Http://www.morlab.cn E-mail: service@morlab.cn

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Change History		
Version	Date	Reason for change
1.0	2021-03-13	First edition
2.0	2021-07-19	Update TDD B40 duty <38% test data and replaced the version 1.0.

1. Technical Information

Note: Provide by applicant.

1.1. Applicant and Manufacturer Information

Applicant:	Nubia Technology Co.,Ltd.
Applicant Address:	Room 1801, Building 2, Chongwen Park, Nanshan Zhiyuan, No.3370, Liuxian Rd, Nanshan District, Shenzhen City, Guangdong Province, P. R. China
Manufacturer:	Nubia Technology Co.,Ltd.
Manufacturer Address:	Room 1801, Building 2, Chongwen Park, Nanshan Zhiyuan, No.3370, Liuxian Rd, Nanshan District, Shenzhen City, Guangdong Province, P. R. China

1.2. Equipment Under Test (EUT) Description

Product Name:	5G Mobile Phone	
Serial No.:	(N/A, marked #1 by test site)	
Hardware Version:	NX669J_V1AMB	
Software Version:	NX669J_EUCommon_V3.05	
Modulation Type:	QPSK, 16QAM, 64QAM	
Carrier Aggregation:	Not support	
Operation Band:	Band 2 / 4 / 5 / 7 / 12 / 17 / 18 / 19 / 26 / 38 / 40 / 66	
Frequency Range:	LTE Band 2	Tx: 1850MHz–1910MHz
		Rx: 1930MHz–1990MHz
	LTE Band 4	Tx: 1710MHz–1755MHz
		Rx: 2110MHz–2155MHz
	LTE Band 5	Tx: 824MHz–849MHz
		Rx: 869MHz–894MHz
	LTE Band 7	Tx: 2500MHz–2570MHz
		Rx: 2620MHz–2690MHz
	LTE Band 12	Tx: 699MHz - 716MHz
		Rx: 729MHz – 746MHz
	LTE Band 17	Tx: 704MHz - 716MHz
		Rx: 734MHz – 746MHz

Frequency Range:	LTE Band 18	Tx: 824MHz–830MHz
		Rx: 869MHz–875MHz
	LTE Band 19	Tx: 830MHz–845MHz
		Rx: 875MHz–890MHz
	LTE Band 26	Tx: 824MHz–849MHz
		Rx: 869MHz–894MHz
	LTE Band 38	Tx: 2570MHz–2620MHz
		Rx: 2570MHz–2620MHz
	LTE Band 40 Block A	Tx: 2305MHz–2315MHz
		Rx: 2305MHz–2315MHz
	LTE Band 40 Block B	Tx: 2350MHz–2360MHz
		Rx: 2350MHz–2360MHz
	LTE Band 66	Tx: 1710MHz –1780MHz
		Rx: 2110MHz –2200MHz
Channel Bandwidth:	LTE Band 2	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
	LTE Band 4	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
	LTE Band 5	1.4MHz, 3MHz, 5MHz, 10MHz
	LTE Band 7	5 MHz, 10MHz, 15MHz, 20MHz
	LTE Band 12	1.4MHz, 3 MHz, 5 MHz, 10MHz
	LTE Band 17	5 MHz, 10MHz
	LTE Band 18	5 MHz
	LTE Band 19	5 MHz, 10MHz, 15MHz
	LTE Band 26	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz
	LTE Band 38	5 MHz, 10MHz, 15MHz, 20MHz
	LTE Band 40	5 MHz, 10MHz
	LTE Band 66	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
Antenna Type:	PIFA Antenna	
Antenna Gain:	LTE Band 2	-0.3dBi
	LTE Band 4	-0.5dBi
	LTE Band 5	-1.0dBi
	LTE Band 7	0.2dBi
	LTE Band 12	-1.2dBi
	LTE Band 17	-1.2dBi
	LTE Band 18	-1.0dBi
	LTE Band 19	-1.0dBi
	LTE Band 26	-1.0dBi

Antenna Gain:	LTE Band 38	0dBi
	LTE Band 40	0.2dBi
	LTE Band 66	-0.3dBi
Accessory Information:	Battery	
	Brand Name:	nubia
	Model No.:	Li3945T44P8h906455
	Serial No.:	(N/A, marked #1 by test site)
	Capacity:	4960mAh
	Rated Voltage:	3.87V
	Charge Limit:	4.45V
	Manufacturer:	Dongguan Amperex Technology Limited
	AC Adapter	
	Brand Name:	nubia
	Model No.:	NB-A930A-A, NB-A930A-USBA-1
	Serial No.:	(N/A, marked #1 by test site)
	Rated Output:	5V⎓3A, 9V⎓3A, 12V⎓2.5A, 15V⎓2A,
	Rated Input:	100-240V~50/60Hz, Max 0.8A
	Manufacturer:	ShenZhen Kingfulin Technology Co., Ltd

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

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

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

LTE Band 2	Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20	0.193	0.161	0.129	18M0G7D	18M0W7D	18M0W7D
15	0.172	0.146	0.118	13M5G7D	13M5W7D	13M5W7D
10	0.168	0.148	0.110	8M99G7D	8M96W7D	8M98W7D
5	0.169	0.148	0.117	4M50G7D	4M50W7D	4M50W7D
3	0.173	0.140	0.120	2M70G7D	2M70W7D	2M71W7D
1.4	0.168	0.139	0.114	1M10G7D	1M10W7D	1M09W7D
LTE Band 4	**Maximum E.R.P./E.I.R.P. (W)**			**Emission Designator (99%OBW)**		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20	0.161	0.127	0.107	17M9G7D	18M0W7D	18M0W7D
15	0.157	0.123	0.107	13M5G7D	13M5W7D	13M5W7D
10	0.156	0.124	0.108	9M00G7D	8M96W7D	8M99W7D
5	0.155	0.125	0.107	4M50G7D	4M50W7D	4M50W7D
3	0.158	0.128	0.102	2M70G7D	2M70W7D	2M71W7D
1.4	0.154	0.124	0.102	1M10G7D	1M10W7D	1M09W7D
LTE Band 5	**Maximum E.R.P./E.I.R.P. (W)**			**Emission Designator (99%OBW)**		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10	0.102	0.085	0.067	9M00G7D	8M96W7D	8M97W7D
5	0.100	0.087	0.066	4M50G7D	4M50W7D	4M50W7D
3	0.100	0.086	0.065	2M70G7D	2M70W7D	2M71W7D
1.4	0.101	0.083	0.064	1M10G7D	1M09W7D	1M09W7D
LTE Band 7	**Maximum E.R.P./E.I.R.P. (W)**			**Emission Designator (99%OBW)**		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20	0.181	0.147	0.124	18M0G7D	18M0W7D	18M0W7D
15	0.178	0.160	0.125	13M5G7D	13M5W7D	13M5W7D
10	0.174	0.157	0.122	8M99G7D	8M96W7D	8M97W7D
5	0.175	0.146	0.119	4M51G7D	4M51W7D	4M50W7D
LTE Band 12	**Maximum E.R.P./E.I.R.P. (W)**			**Emission Designator (99%OBW)**		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10	0.102	0.082	0.071	9M00G7D	8M95W7D	8M97W7D
5	0.100	0.081	0.070	4M50G7D	4M51W7D	4M50W7D
3	0.100	0.085	0.068	2M70G7D	2M70W7D	2M71W7D
1.4	0.098	0.084	0.066	1M09G7D	1M10W7D	1M09W7D

LTE Band 17	Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10	0.098	0.084	0.069	9M01G7D	8M95W7D	8M97W7D
5	0.095	0.077	0.063	4M50G7D	4M51W7D	4M50W7D
LTE Band 18	**Maximum E.R.P./E.I.R.P. (W)**			**Emission Designator (99%OBW)**		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
5	0.205	0.176	0.145	4M49G7D	4M49W7D	4M49W7D
LTE Band 19	**Maximum E.R.P./E.I.R.P. (W)**			**Emission Designator (99%OBW)**		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
15	0.215	0.175	0.143	13M5G7D	13M5W7D	13M5W7D
10	0.100	0.082	0.066	9M00G7D	8M96W7D	8M98W7D
5	0.100	0.081	0.066	4M51G7D	4M50W7D	4M50W7D
LTE Band 26	**Maximum E.R.P./E.I.R.P. (W)**			**Emission Designator (99%OBW)**		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
15	0.207	0.182	0.145	13M5G7D	13M5W7D	13M5W7D
10	0.212	0.178	0.136	8M98G7D	9M00W7D	8M98W7D
5	0.202	0.176	0.140	4M49G7D	4M50W7D	4M50W7D
3	0.200	0.182	0.149	2M69G7D	2M70W7D	2M70W7D
1.4	0.195	0.179	0.143	1M09G7D	1M09W7D	1M09W7D
LTE Band 38	**Maximum E.R.P./E.I.R.P. (W)**			**Emission Designator (99%OBW)**		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20	0.189	0.147	0.126	18M0G7D	18M0W7D	17M9W7D
15	0.188	0.148	0.126	13M5G7D	13M5W7D	13M5W7D
10	0.182	0.143	0.119	8M97G7D	8M97W7D	8M98W7D
5	0.185	0.146	0.120	4M50G7D	4M51W7D	4M50W7D
LTE Band 40 Block A	**Maximum E.R.P./E.I.R.P. (W)**			**Emission Designator (99%OBW)**		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10	0.190	0.155	0.119	8M95G7D	8M94W7D	8M96W7D
5	0.199	0.171	0.132	4M50G7D	4M49W7D	4M50W7D
LTE Band 40 Block B	**Maximum E.R.P./E.I.R.P. (W)**			**Emission Designator (99%OBW)**		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10	0.188	0.150	0.121	8M97G7D	8M97W7D	8M95W7D
5	0.203	0.171	0.132	4M50G7D	4M50W7D	4M49W7D

LTE Band 66	Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20	0.191	0.160	0.129	18M0G7D	18M0W7D	18M0W7D
15	0.185	0.164	0.132	13M5G7D	13M5W7D	13M5W7D
10	0.187	0.157	0.136	8M99G7D	8M98W7D	8M98W7D
5	0.187	0.149	0.124	4M50G7D	4M49W7D	4M49W7D
3	0.177	0.157	0.127	2M70G7D	2M70W7D	2M69W7D
1.4	0.169	0.149	0.129	1M09G7D	1M09W7D	1M09W7D

1.4. Test Standards and Results

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

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

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

Section	Description	Test Date	Test Engineer	Result	Method Determination /Remark
2.1046 22.913(a) 22.913(a)(2) 24.232(c) 27.50(a)(3) 27.50(c)(10) 27.50(d)(4) 27.50(h)(2)	Transmitter Conducted Output Power and E.R.P./E.I.R.P.	Mar 03&04, 2021	Chen Hao Gao Jianrou	PASS	No deviation
2.1049	Occupied Bandwidth	Jan 09&11&12&23, 2021	Ling Keye	PASS	No deviation
2.1055 22.355 24.235 27.54	Frequency Stability	Feb 19, 2021	Ling Keye	PASS	No deviation
24.232(d), 27.50(d)(5)	Peak to Average Radio	Jan 11&23, 2021	Ling Keye	PASS	No deviation
2.1051 22.917(a) 24.238(a) 27.53(a)(4) 27.53(g) 27.53(h) 27.53(m)(4)	Conducted Spurious Emissions	Dec 31, 2020 Jan 11&23&28&29, 2021	Ling Keye	PASS	No deviation

2.1051 22.917(a) 24.238(a) 27.53(a)(4) 27.53(g) 27.53(h) 27.53(m)(4)	Band Edge	Dec 31, 2020 Jan 02&09, 2021	Ling Keye	PASS	No deviation
2.1051 22.917(a) 24.238(a) 27.53(a)(4) 27.53(g) 27.53(h) 27.53(m)(4)	Radiated Spurious Emissions	Jan 13&08, 2021 Feb 09&12&18, 2021	Gao Jianrou	PASS	No deviation

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

Note 2: The path loss during the RF test is calibrated to correct the results by the offset setting in the test equipments. The ref offset 23.5dB contains two parts that cable loss 13.5dB and Attenuator 10dB.

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

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

1.5. Environmental Conditions

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

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

2. 47 CFR Part 2, Part 22H, Part 24E, Part 27 H&L&M Requirements

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

2.1.1. Requirement

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

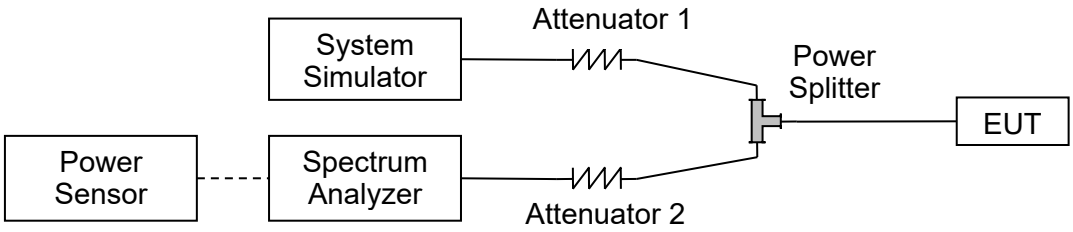
According to FCC section 24.232 (c) for LTE Band 2, Mobile and portable stations are limited to 2 watts E.I.R.P. and the equipment must employ a means for limiting power to the minimum necessary for successful communications.
According to FCC section 27.50 (d)(4) for LTE Band 4/66, Fixed, mobile and portable (hand-held) stations in the 1710-1755MHz band are limited to 1wat E.I.R.P.
According to FCC section22.913 (a)(2) for LTE Band 5/18/19/26, the E.R.P. of mobile transmitters and auxiliary test transmitters must not exceed 7 watts.

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

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

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

2.1.2. Test Description



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

2.1.3. Test Procedure

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

E.I.R.P. (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)
E.R.P. (dBm) = E.I.R.P. (dBm) - 2.15

2.1.4. Result

Conducted Output Power:

LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18700	18900	19100
Frequency (MHz)				1860	1880	1900
20	QPSK	1	0	22.58	22.75	22.72
20	QPSK	1	49	22.54	22.62	22.55
20	QPSK	1	99	22.52	22.68	22.66
20	QPSK	50	0	21.63	21.72	21.65
20	QPSK	50	24	21.64	21.69	21.69
20	QPSK	50	50	21.69	21.65	21.71
20	QPSK	100	0	21.62	21.71	21.67
20	16QAM	1	0	21.68	21.68	21.70
20	16QAM	1	49	21.52	21.82	21.78
20	16QAM	1	99	21.77	21.62	22.02
20	16QAM	50	0	21.70	21.67	21.65
20	16QAM	50	24	21.66	21.71	21.72
20	16QAM	50	50	21.74	21.71	21.78
20	16QAM	100	0	21.77	21.78	21.65
20	64QAM	1	0	20.72	20.91	20.65
20	64QAM	1	49	20.67	20.85	20.76
20	64QAM	1	99	20.62	20.95	20.95
20	64QAM	50	0	20.72	20.64	20.69
20	64QAM	50	24	20.75	20.69	20.74
20	64QAM	50	50	20.74	20.75	20.69
20	64QAM	100	0	20.74	20.71	20.72

LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18675	18900	19125
Frequency (MHz)				1857.5	1880	1902.5
15	QPSK	1	0	22.49	22.52	22.43
15	QPSK	1	37	22.28	22.64	22.52
15	QPSK	1	74	22.65	22.57	22.65
15	QPSK	36	0	21.61	21.70	21.69
15	QPSK	36	20	21.60	21.79	21.76
15	QPSK	36	39	21.72	21.73	21.70
15	QPSK	75	0	21.64	21.70	21.66
15	16QAM	1	0	21.73	21.81	21.75
15	16QAM	1	37	21.86	21.89	21.75
15	16QAM	1	74	21.81	21.93	21.93
15	16QAM	36	0	21.60	21.65	21.68
15	16QAM	36	20	21.69	21.62	21.75
15	16QAM	36	39	21.74	21.83	21.80
15	16QAM	75	0	21.61	21.63	21.72
15	64QAM	1	0	20.81	20.57	20.63
15	64QAM	1	37	20.80	20.61	21.03
15	64QAM	1	74	20.69	20.73	20.88
15	64QAM	36	0	20.54	20.71	20.59
15	64QAM	36	20	20.74	20.76	20.66
15	64QAM	36	39	20.62	20.67	20.76
15	64QAM	75	0	20.61	20.68	20.67

LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18650	18900	19150
Frequency (MHz)				1855	1880	1905
10	QPSK	1	0	22.34	22.33	22.43
10	QPSK	1	25	22.45	22.55	22.43
10	QPSK	1	49	22.34	22.42	22.34
10	QPSK	25	0	21.60	21.61	21.57
10	QPSK	25	12	21.56	21.68	21.61
10	QPSK	25	25	21.47	21.60	21.56
10	QPSK	50	0	21.53	21.62	21.60
10	16QAM	1	0	22.01	21.94	21.93
10	16QAM	1	25	21.70	21.66	21.73
10	16QAM	1	49	21.65	21.73	21.52
10	16QAM	25	0	21.55	21.54	21.09
10	16QAM	25	12	21.17	21.13	21.12
10	16QAM	25	25	21.12	21.08	21.07
10	16QAM	50	0	21.08	21.01	21.05
10	64QAM	1	0	20.59	20.64	20.64
10	64QAM	1	25	20.62	20.67	20.71
10	64QAM	1	49	20.29	20.42	20.39
10	64QAM	25	0	20.59	20.63	20.64
10	64QAM	25	12	20.62	20.60	20.61
10	64QAM	25	25	20.55	20.33	20.55
10	64QAM	50	0	20.56	20.56	20.53

LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18625	18900	19175
Frequency (MHz)				1852.5	1880	1907.5
5	QPSK	1	0	22.48	22.53	22.47
5	QPSK	1	12	22.47	22.58	22.45
5	QPSK	1	24	22.43	22.59	22.52
5	QPSK	12	0	21.59	21.50	21.57
5	QPSK	12	7	21.60	21.65	21.57
5	QPSK	12	13	21.59	21.58	21.61
5	QPSK	25	0	21.58	21.56	21.58
5	16QAM	1	0	21.71	21.61	21.99
5	16QAM	1	12	21.69	21.62	21.99
5	16QAM	1	24	21.72	21.59	21.98
5	16QAM	12	0	21.42	21.45	21.22
5	16QAM	12	7	21.14	21.16	21.10
5	16QAM	12	13	21.17	21.06	21.01
5	16QAM	25	0	21.09	21.07	21.05
5	64QAM	1	0	20.98	20.53	20.58
5	64QAM	1	12	20.97	20.63	20.74
5	64QAM	1	24	20.98	20.62	20.64
5	64QAM	12	0	20.63	20.56	20.55
5	64QAM	12	7	20.69	20.53	20.53
5	64QAM	12	13	20.66	20.62	20.60
5	64QAM	25	0	20.73	20.53	20.60

LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18615	18900	19185
Frequency (MHz)				1851.5	1880	1908.5
3	QPSK	1	0	22.53	22.31	22.43
3	QPSK	1	8	22.46	22.67	22.50
3	QPSK	1	14	22.65	22.52	22.52
3	QPSK	8	0	21.59	21.54	21.56
3	QPSK	8	4	21.65	21.59	21.60
3	QPSK	8	7	21.65	21.59	21.55
3	QPSK	15	0	21.57	21.65	21.58
3	16QAM	1	0	21.73	21.64	21.58
3	16QAM	1	8	21.77	21.71	21.67
3	16QAM	1	14	21.70	21.67	21.55
3	16QAM	8	0	21.13	21.26	21.18
3	16QAM	8	4	21.20	21.17	21.23
3	16QAM	8	7	21.10	21.15	21.18
3	16QAM	15	0	21.13	21.17	21.12
3	64QAM	1	0	20.66	20.59	20.62
3	64QAM	1	8	21.08	21.07	20.67
3	64QAM	1	14	20.69	21.05	20.69
3	64QAM	8	0	20.61	20.63	20.47
3	64QAM	8	4	20.71	20.61	20.61
3	64QAM	8	7	20.81	20.70	20.56
3	64QAM	15	0	20.66	20.66	20.64

LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18607	18900	19193
Frequency (MHz)				1850.7	1880	1909.3
1.4	QPSK	1	0	22.40	22.42	22.38
1.4	QPSK	1	3	22.50	22.48	22.47
1.4	QPSK	1	5	22.47	22.45	22.43
1.4	QPSK	3	0	22.46	22.46	22.42
1.4	QPSK	3	1	22.50	22.47	22.45
1.4	QPSK	3	3	22.52	22.56	22.45
1.4	QPSK	6	0	21.55	21.53	21.52
1.4	16QAM	1	0	21.58	21.58	21.52
1.4	16QAM	1	3	21.54	21.74	21.72
1.4	16QAM	1	5	21.42	21.62	21.30
1.4	16QAM	3	0	21.44	21.49	21.46
1.4	16QAM	3	1	21.62	21.44	21.49
1.4	16QAM	3	3	21.64	21.61	21.35
1.4	16QAM	6	0	21.65	21.58	21.53
1.4	64QAM	1	0	20.53	20.45	20.48
1.4	64QAM	1	3	20.55	20.76	20.64
1.4	64QAM	1	5	20.53	20.88	20.47
1.4	64QAM	3	0	20.56	20.62	20.63
1.4	64QAM	3	1	20.65	20.62	20.36
1.4	64QAM	3	3	20.57	20.71	20.48
1.4	64QAM	6	0	20.62	20.65	20.54

LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20050	20175	20300
Frequency (MHz)				1720	1732.5	1745
20	QPSK	1	0	22.44	22.56	22.51
20	QPSK	1	49	22.30	22.38	22.37
20	QPSK	1	99	22.22	22.35	22.47
20	QPSK	50	0	21.51	21.64	21.61
20	QPSK	50	24	21.51	21.59	21.59
20	QPSK	50	50	21.40	21.51	21.52
20	QPSK	100	0	21.50	21.54	21.61
20	16QAM	1	0	21.37	21.45	21.34
20	16QAM	1	49	21.52	21.29	21.43
20	16QAM	1	99	21.31	21.53	21.29
20	16QAM	50	0	21.18	21.23	21.33
20	16QAM	50	24	21.14	21.25	21.14
20	16QAM	50	50	21.10	21.11	21.11
20	16QAM	100	0	21.12	21.20	21.21
20	64QAM	1	0	20.48	20.59	20.81
20	64QAM	1	49	20.52	20.45	20.33
20	64QAM	1	99	20.79	20.36	20.83
20	64QAM	50	0	20.49	20.58	20.53
20	64QAM	50	24	20.51	20.62	20.56
20	64QAM	50	50	20.55	20.50	20.52
20	64QAM	100	0	20.58	20.56	20.65

LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20025	20175	20325
Frequency (MHz)				1717.5	1732.5	1747.5
15	QPSK	1	0	22.31	22.35	22.45
15	QPSK	1	37	22.35	22.44	22.36
15	QPSK	1	74	22.22	22.44	22.47
15	QPSK	36	0	21.45	21.52	21.55
15	QPSK	36	20	21.49	21.62	21.58
15	QPSK	36	39	21.54	21.53	21.62
15	QPSK	75	0	21.49	21.51	21.52
15	16QAM	1	0	21.19	21.41	21.13
15	16QAM	1	37	21.27	21.27	21.11
15	16QAM	1	74	21.13	21.43	21.22
15	16QAM	36	0	21.14	21.16	21.35
15	16QAM	36	20	21.09	21.16	21.22
15	16QAM	36	39	21.05	21.14	21.20
15	16QAM	75	0	21.16	21.17	21.26
15	64QAM	1	0	20.35	20.66	20.71
15	64QAM	1	37	20.77	20.53	20.59
15	64QAM	1	74	20.81	20.52	20.56
15	64QAM	36	0	20.46	20.53	20.57
15	64QAM	36	20	20.52	20.54	20.56
15	64QAM	36	39	20.55	20.51	20.53
15	64QAM	75	0	20.48	20.59	20.52

LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20000	20175	20350
Frequency (MHz)				1715	1732.5	1750
10	QPSK	1	0	22.23	22.42	22.25
10	QPSK	1	25	22.21	22.34	22.35
10	QPSK	1	49	22.29	22.12	22.35
10	QPSK	25	0	21.28	21.50	21.52
10	QPSK	25	12	21.40	21.46	21.50
10	QPSK	25	25	21.29	21.40	21.47
10	QPSK	50	0	21.35	21.45	21.37
10	16QAM	1	0	21.10	21.25	21.01
10	16QAM	1	25	21.37	21.11	21.43
10	16QAM	1	49	21.44	21.34	21.33
10	16QAM	25	0	21.10	21.09	21.08
10	16QAM	25	12	21.02	21.12	21.09
10	16QAM	25	25	21.36	21.27	21.36
10	16QAM	50	0	21.30	21.34	21.46
10	64QAM	1	0	20.40	20.48	20.38
10	64QAM	1	25	20.47	20.76	20.85
10	64QAM	1	49	20.45	20.49	20.44
10	64QAM	25	0	20.29	20.43	20.42
10	64QAM	25	12	20.38	20.49	20.53
10	64QAM	25	25	20.26	20.38	20.40
10	64QAM	50	0	20.32	20.39	20.38

LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				19975	20175	20375
Frequency (MHz)				1712.5	1732.5	1752.5
5	QPSK	1	0	22.13	22.35	22.40
5	QPSK	1	12	22.19	22.34	22.31
5	QPSK	1	24	22.14	22.26	22.25
5	QPSK	12	0	21.36	21.36	21.40
5	QPSK	12	7	21.36	21.47	21.44
5	QPSK	12	13	21.31	21.48	21.40
5	QPSK	25	0	21.34	21.38	21.44
5	16QAM	1	0	21.00	21.41	21.09
5	16QAM	1	12	21.11	21.46	21.05
5	16QAM	1	24	21.05	21.40	21.00
5	16QAM	12	0	21.04	20.98	21.01
5	16QAM	12	7	21.07	21.11	21.09
5	16QAM	12	13	21.34	21.41	21.45
5	16QAM	25	0	21.35	21.46	21.39
5	64QAM	1	0	20.36	20.80	20.78
5	64QAM	1	12	20.74	20.50	20.77
5	64QAM	1	24	20.70	20.40	20.47
5	64QAM	12	0	20.37	20.44	20.46
5	64QAM	12	7	20.36	20.45	20.51
5	64QAM	12	13	20.37	20.43	20.42
5	64QAM	25	0	20.32	20.46	20.37

LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				19965	20175	20385
Frequency (MHz)				1711.5	1732.5	1753.5
3	QPSK	1	0	22.25	22.26	22.38
3	QPSK	1	8	22.34	22.48	22.42
3	QPSK	1	14	22.14	22.33	22.33
3	QPSK	8	0	21.34	21.40	21.41
3	QPSK	8	4	21.40	21.48	21.50
3	QPSK	8	7	21.36	21.46	21.46
3	QPSK	15	0	21.36	21.42	21.36
3	16QAM	1	0	21.20	21.29	21.33
3	16QAM	1	8	21.42	21.42	21.16
3	16QAM	1	14	21.33	21.11	21.19
3	16QAM	8	0	21.12	21.13	21.22
3	16QAM	8	4	21.22	21.22	21.23
3	16QAM	8	7	21.44	21.52	21.56
3	16QAM	15	0	21.44	21.42	21.49
3	64QAM	1	0	20.35	20.44	20.42
3	64QAM	1	8	20.54	20.42	20.58
3	64QAM	1	14	20.35	20.42	20.25
3	64QAM	8	0	20.33	20.37	20.31
3	64QAM	8	4	20.45	20.43	20.47
3	64QAM	8	7	20.39	20.46	20.58
3	64QAM	15	0	20.35	20.43	20.34

LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				19957	20175	20393
Frequency (MHz)				1710.7	1732.5	1754.3
1.4	QPSK	1	0	22.00	22.21	22.22
1.4	QPSK	1	3	22.34	22.34	22.38
1.4	QPSK	1	5	22.20	22.29	22.31
1.4	QPSK	3	0	22.28	22.25	22.24
1.4	QPSK	3	1	22.24	22.34	22.39
1.4	QPSK	3	3	22.23	22.30	22.29
1.4	QPSK	6	0	21.12	21.21	21.21
1.4	16QAM	1	0	21.09	21.56	21.22
1.4	16QAM	1	3	21.22	21.30	21.34
1.4	16QAM	1	5	21.28	21.44	21.24
1.4	16QAM	3	0	21.31	21.35	21.26
1.4	16QAM	3	1	21.32	21.35	21.37
1.4	16QAM	3	3	21.31	21.43	21.32
1.4	16QAM	6	0	21.22	21.23	21.14
1.4	64QAM	1	0	20.24	20.18	20.32
1.4	64QAM	1	3	20.50	20.48	20.60
1.4	64QAM	1	5	20.41	20.37	20.21
1.4	64QAM	3	0	20.32	20.30	20.49
1.4	64QAM	3	1	20.23	20.38	20.35
1.4	64QAM	3	3	20.29	20.46	20.34
1.4	64QAM	6	0	20.28	20.29	20.36

LTE Band 5						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20450	20525	20600
Frequency (MHz)				829	836.5	844
10	QPSK	1	0	23.21	23.22	23.03
10	QPSK	1	25	23.07	23.10	22.90
10	QPSK	1	49	22.99	23.11	22.79
10	QPSK	25	0	22.30	22.32	22.13
10	QPSK	25	12	22.06	22.08	22.13
10	QPSK	25	25	22.06	22.17	22.22
10	QPSK	50	0	22.12	22.00	22.14
10	16QAM	1	0	22.16	22.35	22.06
10	16QAM	1	25	22.39	22.42	22.10
10	16QAM	1	49	22.22	22.28	22.35
10	16QAM	25	0	22.31	22.32	22.14
10	16QAM	25	12	22.25	22.33	22.11
10	16QAM	25	25	22.28	22.21	22.24
10	16QAM	50	0	22.29	22.20	22.10
10	64QAM	1	0	21.25	21.35	21.23
10	64QAM	1	25	21.22	21.42	21.22
10	64QAM	1	49	21.11	21.33	21.24
10	64QAM	25	0	21.22	21.33	21.00
10	64QAM	25	12	21.21	21.38	21.09
10	64QAM	25	25	21.33	21.22	20.92
10	64QAM	50	0	21.29	21.25	21.11

LTE Band 5						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20425	20525	20625
Frequency (MHz)				826.5	836.5	846.5
5	QPSK	1	0	23.16	23.12	23.10
5	QPSK	1	12	23.06	23.17	23.01
5	QPSK	1	24	23.06	23.01	23.01
5	QPSK	12	0	22.21	22.26	22.12
5	QPSK	12	7	22.28	22.29	22.21
5	QPSK	12	13	22.33	22.17	22.12
5	QPSK	25	0	22.24	22.20	22.12
5	16QAM	1	0	22.53	22.46	22.22
5	16QAM	1	12	22.23	22.45	22.21
5	16QAM	1	24	22.10	22.45	22.28
5	16QAM	12	0	22.19	22.28	22.27
5	16QAM	12	7	22.26	22.29	22.11
5	16QAM	12	13	22.26	22.17	22.22
5	16QAM	25	0	22.27	22.32	22.27
5	64QAM	1	0	21.34	21.22	21.33
5	64QAM	1	12	21.22	21.16	21.30
5	64QAM	1	24	21.36	21.20	21.14
5	64QAM	12	0	21.08	21.22	21.02
5	64QAM	12	7	21.12	21.28	21.06
5	64QAM	12	13	21.30	21.25	20.82
5	64QAM	25	0	21.18	21.25	20.86

LTE Band 5						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20415	20525	20635
Frequency (MHz)				825.5	836.5	847.5
3	QPSK	1	0	22.85	23.16	23.01
3	QPSK	1	8	23.11	23.12	23.03
3	QPSK	1	14	23.12	23.10	22.84
3	QPSK	8	0	22.14	22.27	22.25
3	QPSK	8	4	22.28	22.34	22.31
3	QPSK	8	7	22.23	22.25	22.12
3	QPSK	15	0	22.21	22.27	22.26
3	16QAM	1	0	22.23	22.34	22.41
3	16QAM	1	8	22.16	22.42	22.26
3	16QAM	1	14	22.21	22.47	22.22
3	16QAM	8	0	22.17	22.26	22.00
3	16QAM	8	4	22.33	22.44	22.01
3	16QAM	8	7	22.25	22.31	22.05
3	16QAM	15	0	22.19	22.21	21.76
3	64QAM	1	0	21.14	21.02	21.23
3	64QAM	1	8	21.02	21.26	21.02
3	64QAM	1	14	21.04	21.22	21.03
3	64QAM	8	0	21.14	21.24	21.22
3	64QAM	8	4	21.36	21.20	21.14
3	64QAM	8	7	21.31	21.23	21.20
3	64QAM	15	0	21.20	21.30	21.10

LTE Band 5						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20407	20525	20643
Frequency (MHz)				824.7	836.5	848.3
1.4	QPSK	1	0	23.06	23.13	23.17
1.4	QPSK	1	3	23.19	23.12	23.19
1.4	QPSK	1	5	23.08	23.02	23.03
1.4	QPSK	3	0	23.09	23.15	23.11
1.4	QPSK	3	1	23.15	23.02	23.12
1.4	QPSK	3	3	23.16	23.08	23.08
1.4	QPSK	6	0	22.19	22.18	22.17
1.4	16QAM	1	0	22.32	22.13	22.30
1.4	16QAM	1	3	22.12	22.36	22.25
1.4	16QAM	1	5	22.51	22.19	22.25
1.4	16QAM	3	0	22.04	22.02	22.16
1.4	16QAM	3	1	22.07	22.34	22.20
1.4	16QAM	3	3	22.15	22.26	22.14
1.4	16QAM	6	0	22.34	22.21	22.25
1.4	64QAM	1	0	20.87	21.04	21.06
1.4	64QAM	1	3	21.18	21.19	21.14
1.4	64QAM	1	5	21.13	21.12	21.00
1.4	64QAM	3	0	20.79	21.06	21.07
1.4	64QAM	3	1	21.07	21.01	21.02
1.4	64QAM	3	3	20.97	21.14	21.18
1.4	64QAM	6	0	21.18	21.30	21.19

LTE Band 7						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20850	21100	21350
Frequency (MHz)				2510	2535	2560
20	QPSK	1	0	22.36	22.37	22.29
20	QPSK	1	49	22.31	22.35	22.24
20	QPSK	1	99	22.26	22.21	22.26
20	QPSK	50	0	21.25	21.62	21.29
20	QPSK	50	24	21.31	21.28	21.18
20	QPSK	50	50	21.41	21.44	21.41
20	QPSK	100	0	21.36	21.38	21.35
20	16QAM	1	0	21.17	21.27	21.45
20	16QAM	1	49	21.32	21.18	21.46
20	16QAM	1	99	21.26	21.57	21.22
20	16QAM	50	0	21.11	21.21	21.14
20	16QAM	50	24	21.16	21.08	21.19
20	16QAM	50	50	21.24	21.29	21.12
20	16QAM	100	0	21.12	21.24	21.22
20	64QAM	1	0	20.72	20.56	20.29
20	64QAM	1	49	20.66	20.63	20.68
20	64QAM	1	99	20.64	20.69	20.60
20	64QAM	50	0	20.38	20.39	20.44
20	64QAM	50	24	20.43	20.44	20.44
20	64QAM	50	50	20.47	20.54	20.39
20	64QAM	100	0	20.40	20.37	20.49

LTE Band 7						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20825	21100	21375
Frequency (MHz)				2507.5	2535	2562.5
15	QPSK	1	0	22.19	22.28	22.28
15	QPSK	1	37	22.29	22.26	22.30
15	QPSK	1	74	22.23	22.30	22.30
15	QPSK	36	0	21.34	21.43	21.45
15	QPSK	36	20	21.42	21.49	21.44
15	QPSK	36	39	21.45	21.48	21.52
15	QPSK	75	0	21.51	21.44	21.46
15	16QAM	1	0	21.67	21.78	21.85
15	16QAM	1	37	21.49	21.60	21.58
15	16QAM	1	74	21.53	21.53	21.75
15	16QAM	36	0	21.12	21.23	21.25
15	16QAM	36	20	21.19	21.22	21.21
15	16QAM	36	39	21.25	21.23	21.12
15	16QAM	75	0	21.20	21.28	21.20
15	64QAM	1	0	20.62	20.59	20.47
15	64QAM	1	37	20.52	20.67	20.76
15	64QAM	1	74	20.51	20.63	20.69
15	64QAM	36	0	20.36	20.44	20.43
15	64QAM	36	20	20.47	20.46	20.53
15	64QAM	36	39	20.51	20.42	20.44
15	64QAM	75	0	20.36	20.46	20.41

LTE Band 7						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20800	21100	21400
Frequency (MHz)				2505	2535	2565
10	QPSK	1	0	22.18	22.05	22.08
10	QPSK	1	25	22.21	22.11	22.13
10	QPSK	1	49	22.14	22.11	22.13
10	QPSK	25	0	21.26	21.26	21.25
10	QPSK	25	12	21.22	21.34	21.39
10	QPSK	25	25	21.15	21.33	21.33
10	QPSK	50	0	21.24	21.36	21.35
10	16QAM	1	0	21.29	21.47	21.32
10	16QAM	1	25	21.28	21.30	21.35
10	16QAM	1	49	21.75	21.65	21.56
10	16QAM	25	0	21.18	21.06	21.14
10	16QAM	25	12	21.00	21.17	21.10
10	16QAM	25	25	21.05	21.08	21.00
10	16QAM	50	0	21.08	21.17	21.02
10	64QAM	1	0	20.62	20.58	20.56
10	64QAM	1	25	20.31	20.56	20.39
10	64QAM	1	49	20.42	20.66	20.47
10	64QAM	25	0	20.28	20.26	20.30
10	64QAM	25	12	20.30	20.41	20.34
10	64QAM	25	25	20.23	20.13	20.12
10	64QAM	50	0	20.17	20.23	20.15

LTE Band 7						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20775	21100	21425
Frequency (MHz)				2502.5	2535	2567.5
5	QPSK	1	0	22.22	22.13	22.03
5	QPSK	1	12	22.09	22.02	22.10
5	QPSK	1	24	22.03	22.09	22.13
5	QPSK	12	0	21.06	21.14	21.06
5	QPSK	12	7	21.13	21.28	21.20
5	QPSK	12	13	21.15	21.31	21.16
5	QPSK	25	0	21.16	21.17	21.12
5	16QAM	1	0	21.14	21.12	21.18
5	16QAM	1	12	21.19	21.41	21.31
5	16QAM	1	24	21.25	21.44	21.26
5	16QAM	12	0	21.16	21.22	21.13
5	16QAM	12	7	21.05	21.07	21.03
5	16QAM	12	13	21.05	21.11	21.24
5	16QAM	25	0	21.02	21.07	21.09
5	64QAM	1	0	20.38	20.43	20.39
5	64QAM	1	12	20.43	20.55	20.43
5	64QAM	1	24	20.47	20.57	20.53
5	64QAM	12	0	20.18	20.15	20.20
5	64QAM	12	7	20.27	20.32	20.11
5	64QAM	12	13	20.22	20.31	20.17
5	64QAM	25	0	20.17	20.16	20.21

LTE Band 12						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23060	23095	23130
Frequency (MHz)				704	707.5	711
10	QPSK	1	0	23.26	23.42	23.31
10	QPSK	1	25	23.12	23.25	23.28
10	QPSK	1	49	23.22	23.23	23.22
10	QPSK	25	0	22.51	22.61	22.52
10	QPSK	25	12	22.48	22.42	22.21
10	QPSK	25	25	22.53	22.59	22.52
10	QPSK	50	0	22.54	22.56	22.47
10	16QAM	1	0	22.47	22.02	22.15
10	16QAM	1	25	22.22	22.17	22.31
10	16QAM	1	49	22.31	22.36	22.25
10	16QAM	25	0	22.20	22.22	22.16
10	16QAM	25	12	22.24	22.28	22.17
10	16QAM	25	25	22.29	22.30	22.24
10	16QAM	50	0	22.19	22.27	22.32
10	64QAM	1	0	21.34	21.46	21.80
10	64QAM	1	25	21.78	21.84	21.43
10	64QAM	1	49	21.80	21.48	21.41
10	64QAM	25	0	21.31	21.25	21.22
10	64QAM	25	12	21.36	21.39	21.31
10	64QAM	25	25	21.41	21.38	21.38
10	64QAM	50	0	21.33	21.26	21.37

LTE Band 12						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23035	23095	23155
Frequency (MHz)				701.5	707.5	713.5
5	QPSK	1	0	23.01	23.17	23.12
5	QPSK	1	12	23.17	23.33	23.17
5	QPSK	1	24	23.13	23.32	23.18
5	QPSK	12	0	22.24	22.31	22.30
5	QPSK	12	7	22.35	22.37	22.34
5	QPSK	12	13	22.30	22.33	22.30
5	QPSK	25	0	22.26	22.38	22.34
5	16QAM	1	0	22.27	22.29	22.31
5	16QAM	1	12	22.44	22.39	22.40
5	16QAM	1	24	22.40	22.38	22.34
5	16QAM	12	0	22.14	22.11	22.14
5	16QAM	12	7	22.28	22.33	22.17
5	16QAM	12	13	22.23	22.20	22.25
5	16QAM	25	0	22.24	22.20	22.22
5	64QAM	1	0	21.32	21.33	21.38
5	64QAM	1	12	21.77	21.47	21.40
5	64QAM	1	24	21.75	21.44	21.49
5	64QAM	12	0	21.29	21.31	21.26
5	64QAM	12	7	21.39	21.27	21.33
5	64QAM	12	13	21.26	21.36	21.41
5	64QAM	25	0	21.41	21.37	21.34

LTE Band 12						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23025	23095	23165
Frequency (MHz)				700.5	707.5	714.5
3	QPSK	1	0	23.09	23.18	23.03
3	QPSK	1	8	23.27	23.26	23.36
3	QPSK	1	14	23.21	23.32	23.27
3	QPSK	8	0	22.32	22.30	22.30
3	QPSK	8	4	22.35	22.38	22.39
3	QPSK	8	7	22.30	22.38	22.32
3	QPSK	15	0	22.29	22.37	22.23
3	16QAM	1	0	22.30	22.66	22.25
3	16QAM	1	8	22.50	22.48	22.43
3	16QAM	1	14	22.33	22.38	22.24
3	16QAM	8	0	22.30	22.19	22.22
3	16QAM	8	4	22.35	22.32	22.43
3	16QAM	8	7	22.19	22.22	22.28
3	16QAM	15	0	22.17	22.10	22.09
3	64QAM	1	0	21.33	21.67	21.66
3	64QAM	1	8	21.62	21.52	21.53
3	64QAM	1	14	21.55	21.40	21.51
3	64QAM	8	0	21.22	21.30	21.21
3	64QAM	8	4	21.31	21.35	21.34
3	64QAM	8	7	21.30	21.22	21.37
3	64QAM	15	0	21.29	21.31	21.23

LTE Band 12						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23017	23095	23173
Frequency (MHz)				699.7	707.5	715.3
1.4	QPSK	1	0	23.12	23.16	23.09
1.4	QPSK	1	3	23.23	23.22	23.24
1.4	QPSK	1	5	23.12	23.17	23.13
1.4	QPSK	3	0	23.07	23.20	23.18
1.4	QPSK	3	1	23.28	23.28	23.29
1.4	QPSK	3	3	23.23	23.25	23.21
1.4	QPSK	6	0	22.29	22.26	22.24
1.4	16QAM	1	0	22.33	22.27	22.12
1.4	16QAM	1	3	22.14	22.57	22.24
1.4	16QAM	1	5	22.26	22.27	22.26
1.4	16QAM	3	0	22.10	22.13	22.14
1.4	16QAM	3	1	22.26	22.34	22.18
1.4	16QAM	3	3	22.09	22.23	22.23
1.4	16QAM	6	0	22.02	22.22	22.12
1.4	64QAM	1	0	21.17	21.32	21.16
1.4	64QAM	1	3	21.29	21.22	21.27
1.4	64QAM	1	5	21.45	21.48	21.44
1.4	64QAM	3	0	21.35	21.36	21.19
1.4	64QAM	3	1	21.33	21.57	21.42
1.4	64QAM	3	3	21.35	21.19	21.35
1.4	64QAM	6	0	21.31	21.32	21.19

LTE Band 17						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23780	23790	23800
Frequency (MHz)				709	710	711
10	QPSK	1	0	23.12	23.25	22.90
10	QPSK	1	25	23.11	23.02	23.11
10	QPSK	1	49	23.08	22.92	23.08
10	QPSK	25	0	22.34	22.42	22.22
10	QPSK	25	12	22.26	22.25	22.31
10	QPSK	25	25	22.32	22.19	22.27
10	QPSK	50	0	22.30	22.32	22.32
10	16QAM	1	0	22.20	22.28	22.22
10	16QAM	1	25	22.32	22.32	22.32
10	16QAM	1	49	22.56	22.58	22.24
10	16QAM	25	0	22.32	22.02	22.36
10	16QAM	25	12	21.92	22.23	22.07
10	16QAM	25	25	22.06	22.23	21.94
10	16QAM	50	0	22.03	22.06	22.09
10	64QAM	1	0	21.73	21.42	21.68
10	64QAM	1	25	21.71	21.38	21.38
10	64QAM	1	49	21.61	21.34	21.42
10	64QAM	25	0	21.38	21.38	21.38
10	64QAM	25	12	21.26	21.34	21.30
10	64QAM	25	25	21.38	21.08	21.42
10	64QAM	50	0	21.12	21.29	21.13

LTE Band 17						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23755	23790	23825
Frequency (MHz)				706.5	710	713.5
5	QPSK	1	0	22.66	22.83	22.85
5	QPSK	1	12	23.10	23.14	23.14
5	QPSK	1	24	22.98	22.92	22.94
5	QPSK	12	0	22.09	22.06	22.10
5	QPSK	12	7	22.20	22.24	22.25
5	QPSK	12	13	22.17	22.19	22.16
5	QPSK	25	0	22.18	22.07	22.11
5	16QAM	1	0	22.09	22.02	22.22
5	16QAM	1	12	22.14	22.06	22.12
5	16QAM	1	24	22.12	22.03	22.11
5	16QAM	12	0	22.05	22.10	22.08
5	16QAM	12	7	22.20	22.10	22.22
5	16QAM	12	13	22.16	22.15	22.15
5	16QAM	25	0	22.17	22.11	22.15
5	64QAM	1	0	21.22	21.33	21.16
5	64QAM	1	12	21.21	21.32	21.17
5	64QAM	1	24	21.22	21.22	21.22
5	64QAM	12	0	21.32	21.09	21.10
5	64QAM	12	7	21.19	21.12	21.26
5	64QAM	12	13	21.17	21.19	21.12
5	64QAM	25	0	21.13	21.17	21.18

LTE Band 18						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				/	23925	/
Frequency (MHz)				/	822.5	/
15	QPSK	1	0	/	23.34	/
15	QPSK	1	37	/	23.26	/
15	QPSK	1	74	/	23.21	/
15	QPSK	36	0	/	22.51	/
15	QPSK	36	20	/	22.42	/
15	QPSK	36	39	/	22.34	/
15	QPSK	75	0	/	22.22	/
15	16QAM	1	0	/	22.31	/
15	16QAM	1	37	/	22.22	/
15	16QAM	1	74	/	22.34	/
15	16QAM	36	0	/	22.46	/
15	16QAM	36	20	/	22.24	/
15	16QAM	36	39	/	22.19	/
15	16QAM	75	0	/	22.34	/
15	64QAM	1	0	/	21.33	/
15	64QAM	1	37	/	21.22	/
15	64QAM	1	74	/	21.42	/
15	64QAM	36	0	/	21.38	/
15	64QAM	36	20	/	21.29	/
15	64QAM	36	39	/	21.37	/
15	64QAM	75	0	/	21.28	/

LTE Band 18						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23900	23925	23950
Frequency (MHz)				820	822.5	825
10	QPSK	1	0	23.02	23.27	23.28
10	QPSK	1	25	23.09	23.02	22.89
10	QPSK	1	49	23.20	22.96	22.84
10	QPSK	25	0	22.17	22.31	22.13
10	QPSK	25	12	22.12	22.16	22.22
10	QPSK	25	25	22.11	22.09	22.10
10	QPSK	50	0	22.20	22.17	22.16
10	16QAM	1	0	22.24	22.15	22.30
10	16QAM	1	25	22.30	22.18	22.17
10	16QAM	1	49	22.50	22.19	22.19
10	16QAM	25	0	22.23	22.16	22.20
10	16QAM	25	12	22.24	22.04	22.27
10	16QAM	25	25	22.04	22.05	22.00
10	16QAM	50	0	22.07	22.18	22.23
10	64QAM	1	0	21.33	21.23	21.34
10	64QAM	1	25	21.23	21.22	21.22
10	64QAM	1	49	21.25	21.15	21.23
10	64QAM	25	0	21.25	21.22	21.12
10	64QAM	25	12	21.05	21.11	21.10
10	64QAM	25	25	21.00	21.15	21.06
10	64QAM	50	0	21.14	21.14	21.12

LTE Band 18						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23875	23925	23975
Frequency (MHz)				817.5	822.5	827.5
5	QPSK	1	0	22.88	22.99	23.00
5	QPSK	1	12	23.05	23.09	22.96
5	QPSK	1	24	23.05	23.09	23.11
5	QPSK	12	0	22.09	22.13	22.13
5	QPSK	12	7	22.21	22.17	22.17
5	QPSK	12	13	22.25	22.19	22.18
5	QPSK	25	0	22.19	22.16	22.14
5	16QAM	1	0	22.21	22.34	22.21
5	16QAM	1	12	22.12	22.24	22.36
5	16QAM	1	24	22.16	22.19	22.13
5	16QAM	12	0	22.13	22.09	22.08
5	16QAM	12	7	22.15	22.10	22.25
5	16QAM	12	13	22.34	22.14	22.14
5	16QAM	25	0	22.20	22.21	22.09
5	64QAM	1	0	21.21	21.16	21.12
5	64QAM	1	12	21.17	21.19	21.28
5	64QAM	1	24	21.12	21.34	21.16
5	64QAM	12	0	21.26	21.25	21.11
5	64QAM	12	7	21.18	21.17	21.21
5	64QAM	12	13	21.34	21.25	21.20
5	64QAM	25	0	21.09	21.16	21.12

LTE Band 19						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				/	24075	/
Frequency (MHz)				/	837.5	/
15	QPSK	1	0	/	23.32	/
15	QPSK	1	37	/	23.22	/
15	QPSK	1	74	/	23.16	/
15	QPSK	36	0	/	22.31	/
15	QPSK	36	20	/	22.28	/
15	QPSK	36	39	/	22.23	/
15	QPSK	75	0	/	22.31	/
15	16QAM	1	0	/	22.29	/
15	16QAM	1	37	/	22.20	/
15	16QAM	1	74	/	22.31	/
15	16QAM	36	0	/	22.42	/
15	16QAM	36	20	/	22.22	/
15	16QAM	36	39	/	22.26	/
15	16QAM	75	0	/	22.24	/
15	64QAM	1	0	/	21.51	/
15	64QAM	1	37	/	21.42	/
15	64QAM	1	74	/	21.34	/
15	64QAM	36	0	/	21.55	/
15	64QAM	36	20	/	21.46	/
15	64QAM	36	39	/	21.34	/
15	64QAM	75	0	/	21.22	/

LTE Band 19						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				24050	24075	24100
Frequency (MHz)				835	837.5	840
10	QPSK	1	0	23.12	23.16	22.99
10	QPSK	1	25	23.00	23.11	22.99
10	QPSK	1	49	22.99	22.81	22.92
10	QPSK	25	0	22.16	22.18	22.18
10	QPSK	25	12	22.13	22.23	22.10
10	QPSK	25	25	22.28	22.10	22.19
10	QPSK	50	0	22.18	22.20	22.17
10	16QAM	1	0	22.14	22.25	22.30
10	16QAM	1	25	22.14	22.09	22.20
10	16QAM	1	49	22.18	22.15	22.21
10	16QAM	25	0	22.03	22.17	22.22
10	16QAM	25	12	22.09	21.97	21.98
10	16QAM	25	25	22.07	22.01	22.08
10	16QAM	50	0	21.99	22.10	22.06
10	64QAM	1	0	21.16	21.15	21.26
10	64QAM	1	25	21.24	21.26	21.34
10	64QAM	1	49	21.16	21.34	21.22
10	64QAM	25	0	21.20	21.24	21.15
10	64QAM	25	12	21.27	21.11	21.23
10	64QAM	25	25	21.22	21.14	21.22
10	64QAM	50	0	21.19	21.24	21.12

LTE Band 19						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				24025	24075	24125
Frequency (MHz)				832.5	837.5	842.5
5	QPSK	1	0	23.01	22.93	23.04
5	QPSK	1	12	23.10	23.07	23.07
5	QPSK	1	24	23.16	23.11	23.01
5	QPSK	12	0	22.07	22.10	22.10
5	QPSK	12	7	22.22	22.21	22.25
5	QPSK	12	13	22.21	22.23	22.13
5	QPSK	25	0	22.15	22.17	22.09
5	16QAM	1	0	22.02	22.09	22.24
5	16QAM	1	12	22.22	22.22	22.14
5	16QAM	1	24	22.17	22.25	22.25
5	16QAM	12	0	21.93	21.96	22.03
5	16QAM	12	7	22.12	22.14	22.06
5	16QAM	12	13	22.07	22.06	22.11
5	16QAM	25	0	21.96	22.07	22.00
5	64QAM	1	0	21.20	21.22	21.17
5	64QAM	1	12	21.13	21.34	21.24
5	64QAM	1	24	21.26	21.24	21.36
5	64QAM	12	0	21.03	21.12	21.22
5	64QAM	12	7	21.17	21.22	21.19
5	64QAM	12	13	21.26	21.13	21.06
5	64QAM	25	0	21.14	21.16	20.97

LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26865	26915	26965
Frequency (MHz)				831.5	836.5	841.5
15	QPSK	1	0	22.88	23.15	23.11
15	QPSK	1	37	22.81	22.77	22.84
15	QPSK	1	74	22.91	22.87	22.64
15	QPSK	36	0	22.16	22.24	22.18
15	QPSK	36	20	22.13	22.05	22.03
15	QPSK	36	39	22.12	21.99	21.99
15	QPSK	75	0	21.91	22.02	22.01
15	16QAM	1	0	22.11	22.14	22.13
15	16QAM	1	37	22.10	22.06	21.94
15	16QAM	1	74	22.06	22.36	22.00
15	16QAM	36	0	21.02	21.17	21.06
15	16QAM	36	20	21.15	21.12	21.15
15	16QAM	36	39	21.22	21.25	21.02
15	16QAM	75	0	21.00	21.02	21.01
15	64QAM	1	0	21.24	21.32	21.14
15	64QAM	1	37	21.12	21.14	21.13
15	64QAM	1	74	21.22	21.11	21.16
15	64QAM	36	0	21.42	21.04	21.15
15	64QAM	36	20	21.22	20.97	21.01
15	64QAM	36	39	21.00	21.03	21.04
15	64QAM	75	0	21.02	21.10	21.15

LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26840	26915	26990
Frequency (MHz)				829.0	836.5	844.0
10	QPSK	1	0	22.87	22.99	22.99
10	QPSK	1	25	22.95	22.68	22.88
10	QPSK	1	49	22.71	22.89	22.92
10	QPSK	25	0	21.93	22.01	22.10
10	QPSK	25	12	22.00	21.99	22.08
10	QPSK	25	25	21.92	22.08	22.06
10	QPSK	50	0	21.99	21.96	22.06
10	16QAM	1	0	22.06	22.42	22.21
10	16QAM	1	25	22.12	22.27	22.15
10	16QAM	1	49	22.22	22.04	22.05
10	16QAM	25	0	21.65	21.62	21.55
10	16QAM	25	12	21.66	21.55	21.67
10	16QAM	25	25	21.63	21.62	21.66
10	16QAM	50	0	21.00	21.04	21.06
10	64QAM	1	0	21.26	21.24	21.16
10	64QAM	1	25	21.22	21.12	21.25
10	64QAM	1	49	21.23	21.22	21.22
10	64QAM	25	0	21.05	21.11	21.18
10	64QAM	25	12	21.22	21.01	21.11
10	64QAM	25	25	21.01	21.12	21.02
10	64QAM	50	0	20.92	21.03	21.03

LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26815	26915	27015
Frequency (MHz)				826.5	836.5	846.5
5	QPSK	1	0	22.53	22.67	22.77
5	QPSK	1	12	22.83	22.77	23.02
5	QPSK	1	24	22.80	22.81	22.93
5	QPSK	12	0	21.72	21.83	21.83
5	QPSK	12	7	21.83	21.91	21.91
5	QPSK	12	13	21.90	21.97	22.00
5	QPSK	25	0	21.78	21.88	21.91
5	16QAM	1	0	22.26	21.97	22.18
5	16QAM	1	12	21.96	22.24	22.03
5	16QAM	1	24	21.96	22.04	21.85
5	16QAM	12	0	21.24	21.29	21.38
5	16QAM	12	7	21.46	21.44	21.43
5	16QAM	12	13	21.42	21.49	21.53
5	16QAM	25	0	21.39	21.42	21.42
5	64QAM	1	0	21.22	21.33	21.12
5	64QAM	1	12	21.39	21.23	21.09
5	64QAM	1	24	21.19	21.22	21.19
5	64QAM	12	0	21.13	21.03	21.13
5	64QAM	12	7	21.21	21.20	21.23
5	64QAM	12	13	21.21	21.16	21.14
5	64QAM	25	0	21.11	21.26	21.21

LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26805	26915	27025
Frequency (MHz)				825.5	836.5	847.5
3	QPSK	1	0	22.57	22.73	22.78
3	QPSK	1	8	22.73	22.82	22.78
3	QPSK	1	14	22.77	22.82	22.87
3	QPSK	8	0	22.08	22.20	22.23
3	QPSK	8	4	22.14	22.26	22.30
3	QPSK	8	7	22.10	22.20	22.24
3	QPSK	15	0	21.76	21.82	21.83
3	16QAM	1	0	21.95	22.22	22.29
3	16QAM	1	8	22.20	22.25	22.36
3	16QAM	1	14	22.22	22.23	22.31
3	16QAM	8	0	21.21	21.27	21.15
3	16QAM	8	4	21.22	21.32	21.27
3	16QAM	8	7	21.08	21.19	21.28
3	16QAM	15	0	21.17	21.24	21.22
3	64QAM	1	0	21.48	21.45	21.57
3	64QAM	1	8	21.49	21.56	21.56
3	64QAM	1	14	21.56	21.50	21.49
3	64QAM	8	0	21.47	21.15	21.27
3	64QAM	8	4	21.11	21.26	21.19
3	64QAM	8	7	21.16	21.22	21.26
3	64QAM	15	0	21.16	21.08	21.25

LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26797	26915	27033
Frequency (MHz)				824.7	836.5	848.3
1.4	QPSK	1	0	22.56	22.72	22.77
1.4	QPSK	1	3	22.72	22.81	22.77
1.4	QPSK	1	5	22.76	22.81	22.86
1.4	QPSK	3	0	22.07	22.19	22.22
1.4	QPSK	3	1	22.13	22.25	22.29
1.4	QPSK	3	3	22.09	22.19	22.23
1.4	QPSK	6	0	22.06	22.12	22.13
1.4	16QAM	1	0	22.04	22.21	22.28
1.4	16QAM	1	3	22.19	22.24	22.35
1.4	16QAM	1	5	22.21	22.22	22.30
1.4	16QAM	3	0	21.20	21.26	21.14
1.4	16QAM	3	1	21.21	21.31	21.26
1.4	16QAM	3	3	21.07	21.18	21.27
1.4	16QAM	6	0	21.16	21.23	21.21
1.4	64QAM	1	0	20.89	21.22	20.91
1.4	64QAM	1	3	20.96	21.13	20.96
1.4	64QAM	1	5	21.49	21.10	20.92
1.4	64QAM	3	0	20.89	21.02	21.26
1.4	64QAM	3	1	21.10	21.25	21.18
1.4	64QAM	3	3	21.15	21.21	20.87
1.4	64QAM	6	0	21.15	21.07	21.24

LTE Band 38						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				37850	38000	38150
Frequency (MHz)				2580	2595	2610
20	QPSK	1	0	22.61	22.77	22.72
20	QPSK	1	49	22.60	22.67	22.65
20	QPSK	1	99	22.56	22.54	22.54
20	QPSK	50	0	21.48	21.54	21.41
20	QPSK	50	24	21.44	21.51	21.51
20	QPSK	50	50	21.51	21.36	21.35
20	QPSK	100	0	21.48	21.58	21.54
20	16QAM	1	0	21.59	21.68	21.59
20	16QAM	1	49	21.55	21.54	21.68
20	16QAM	1	99	21.65	21.61	21.57
20	16QAM	50	0	21.19	21.12	21.29
20	16QAM	50	24	21.22	21.22	21.22
20	16QAM	50	50	21.26	21.19	21.18
20	16QAM	100	0	21.00	21.16	21.01
20	64QAM	1	0	20.90	20.90	21.01
20	64QAM	1	49	21.02	21.02	20.94
20	64QAM	1	99	20.90	20.87	21.01
20	64QAM	50	0	20.81	20.84	20.80
20	64QAM	50	24	20.79	20.84	20.85
20	64QAM	50	50	20.76	20.86	20.71
20	64QAM	100	0	20.88	20.88	20.80

LTE Band 38						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				37825	38000	38175
Frequency (MHz)				2577.5	2595	2612.5
15	QPSK	1	0	22.63	22.72	22.71
15	QPSK	1	37	22.73	22.65	22.74
15	QPSK	1	74	22.56	22.59	22.64
15	QPSK	36	0	21.49	21.49	21.45
15	QPSK	36	20	21.51	21.55	21.55
15	QPSK	36	39	21.35	21.58	21.49
15	QPSK	75	0	21.47	21.60	21.50
15	16QAM	1	0	21.59	21.66	21.58
15	16QAM	1	37	21.69	21.53	21.58
15	16QAM	1	74	21.55	21.48	21.52
15	16QAM	36	0	21.22	21.11	21.33
15	16QAM	36	20	21.32	21.31	21.37
15	16QAM	36	39	21.33	21.39	21.36
15	16QAM	75	0	21.34	21.42	21.23
15	64QAM	1	0	20.64	20.58	20.66
15	64QAM	1	37	20.89	20.62	20.72
15	64QAM	1	74	20.99	20.69	20.89
15	64QAM	36	0	20.84	20.98	20.88
15	64QAM	36	20	20.86	20.93	20.88
15	64QAM	36	39	20.96	20.96	20.83
15	64QAM	75	0	20.89	20.85	20.87

LTE Band 38						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				37800	38000	38200
Frequency (MHz)				2575	2595	2615
10	QPSK	1	0	22.40	22.60	22.44
10	QPSK	1	25	22.35	22.47	22.45
10	QPSK	1	49	22.33	22.48	22.46
10	QPSK	25	0	21.34	21.48	21.35
10	QPSK	25	12	21.35	21.41	21.35
10	QPSK	25	25	21.36	21.46	21.39
10	QPSK	50	0	21.35	21.40	21.36
10	16QAM	1	0	21.31	21.47	21.44
10	16QAM	1	25	21.37	21.54	21.41
10	16QAM	1	49	21.34	21.42	21.46
10	16QAM	25	0	21.18	21.19	21.27
10	16QAM	25	12	21.17	21.17	21.14
10	16QAM	25	25	21.17	21.23	21.23
10	16QAM	50	0	20.92	20.66	20.67
10	64QAM	1	0	20.65	20.64	20.54
10	64QAM	1	25	20.55	20.24	20.57
10	64QAM	1	49	20.55	20.56	20.62
10	64QAM	25	0	20.62	20.72	20.59
10	64QAM	25	12	20.74	20.70	20.65
10	64QAM	25	25	20.65	20.65	20.68
10	64QAM	50	0	20.68	20.73	20.74

LTE Band 38						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				37775	38000	38225
Frequency (MHz)				2572.5	2595	2617.5
5	QPSK	1	0	22.25	22.55	22.47
5	QPSK	1	12	22.42	22.67	22.55
5	QPSK	1	24	22.49	22.56	22.44
5	QPSK	12	0	21.28	21.34	21.33
5	QPSK	12	7	21.37	21.52	21.43
5	QPSK	12	13	21.33	21.41	21.43
5	QPSK	25	0	21.40	21.29	21.26
5	16QAM	1	0	21.36	21.47	21.40
5	16QAM	1	12	21.51	21.64	21.47
5	16QAM	1	24	21.45	21.50	21.46
5	16QAM	12	0	21.03	21.02	21.06
5	16QAM	12	7	21.08	21.14	21.16
5	16QAM	12	13	21.07	21.11	21.11
5	16QAM	25	0	21.02	21.02	21.05
5	64QAM	1	0	20.65	20.63	20.58
5	64QAM	1	12	20.66	20.72	20.69
5	64QAM	1	24	20.59	20.59	20.66
5	64QAM	12	0	20.60	20.59	20.73
5	64QAM	12	7	20.66	20.78	20.74
5	64QAM	12	13	20.70	20.80	20.73
5	64QAM	25	0	20.68	20.64	20.63

LTE Band 40, Block A						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				/	38750	/
Frequency (MHz)				/	2310	/
10	QPSK	1	0	/	22.79	/
10	QPSK	1	25	/	22.73	/
10	QPSK	1	49	/	22.55	/
10	QPSK	25	0	/	21.91	/
10	QPSK	25	12	/	21.81	/
10	QPSK	25	25	/	21.82	/
10	QPSK	50	0	/	21.84	/
10	16QAM	1	0	/	21.72	/
10	16QAM	1	25	/	21.90	/
10	16QAM	1	49	/	21.76	/
10	16QAM	25	0	/	20.93	/
10	16QAM	25	12	/	20.91	/
10	16QAM	25	25	/	20.86	/
10	16QAM	50	0	/	20.94	/
10	64QAM	1	0	/	20.62	/
10	64QAM	1	25	/	20.63	/
10	64QAM	1	49	/	20.82	/
10	64QAM	25	0	/	20.76	/
10	64QAM	25	12	/	20.72	/
10	64QAM	25	25	/	20.69	/
10	64QAM	50	0	/	20.59	/

LTE Band 40, Block A						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				38725	38750	38775
Frequency (MHz)				2307.5	2310	2312.5
5	QPSK	1	0	22.66	22.73	22.75
5	QPSK	1	12	22.67	22.78	22.66
5	QPSK	1	24	22.63	22.71	22.70
5	QPSK	12	0	21.86	21.93	21.90
5	QPSK	12	7	21.93	22.01	22.07
5	QPSK	12	13	21.87	21.96	22.02
5	QPSK	25	0	21.93	21.96	21.99
5	16QAM	1	0	22.01	22.13	22.05
5	16QAM	1	12	22.00	22.06	22.13
5	16QAM	1	24	21.83	21.93	21.94
5	16QAM	12	0	20.95	21.02	21.01
5	16QAM	12	7	20.98	21.05	21.02
5	16QAM	12	13	20.99	21.05	21.06
5	16QAM	25	0	21.07	20.98	21.06
5	64QAM	1	0	20.86	20.88	20.67
5	64QAM	1	12	20.77	20.88	20.69
5	64QAM	1	24	20.88	20.62	20.67
5	64QAM	12	0	20.93	20.69	20.68
5	64QAM	12	7	20.93	20.99	20.98
5	64QAM	12	13	20.93	20.94	20.92
5	64QAM	25	0	20.98	21.01	20.99

LTE Band 40, Block B						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				/	39200	/
Frequency (MHz)				/	2355	/
10	QPSK	1	0	/	22.75	/
10	QPSK	1	25	/	22.66	/
10	QPSK	1	49	/	22.69	/
10	QPSK	25	0	/	21.88	/
10	QPSK	25	12	/	21.85	/
10	QPSK	25	25	/	21.77	/
10	QPSK	50	0	/	21.85	/
10	16QAM	1	0	/	21.62	/
10	16QAM	1	25	/	21.66	/
10	16QAM	1	49	/	21.76	/
10	16QAM	25	0	/	20.66	/
10	16QAM	25	12	/	20.88	/
10	16QAM	25	25	/	20.76	/
10	16QAM	50	0	/	20.62	/
10	64QAM	1	0	/	20.81	/
10	64QAM	1	25	/	20.64	/
10	64QAM	1	49	/	20.69	/
10	64QAM	25	0	/	20.83	/
10	64QAM	25	12	/	20.66	/
10	64QAM	25	25	/	20.67	/
10	64QAM	50	0	/	20.65	/

LTE Band 40, Block B						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39175	39200	39225
Frequency (MHz)				2352.5	2355	2357.5
5	QPSK	1	0	22.83	22.80	22.86
5	QPSK	1	12	22.84	22.75	22.88
5	QPSK	1	24	22.60	22.76	22.75
5	QPSK	12	0	21.92	22.05	22.09
5	QPSK	12	7	21.99	21.97	22.02
5	QPSK	12	13	21.93	21.94	22.01
5	QPSK	25	0	21.94	21.95	22.00
5	16QAM	1	0	22.03	22.05	22.12
5	16QAM	1	12	22.08	22.06	22.03
5	16QAM	1	24	21.93	21.99	21.97
5	16QAM	12	0	20.66	20.86	20.67
5	16QAM	12	7	20.64	20.85	20.71
5	16QAM	12	13	20.96	20.99	20.69
5	16QAM	25	0	20.74	20.85	20.89
5	64QAM	1	0	20.89	20.97	20.85
5	64QAM	1	12	20.99	20.89	20.82
5	64QAM	1	24	20.62	20.96	20.99
5	64QAM	12	0	20.64	20.75	20.68
5	64QAM	12	7	20.68	20.48	20.67
5	64QAM	12	13	20.68	20.55	20.96
5	64QAM	25	0	20.94	20.92	20.67

LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				132072	132322	132572
Frequency (MHz)				1720	1745	1770
20	QPSK	1	0	22.77	23.12	23.09
20	QPSK	1	49	22.79	22.76	22.84
20	QPSK	1	99	22.70	22.86	22.63
20	QPSK	50	0	22.12	22.24	22.08
20	QPSK	50	24	22.22	22.04	22.02
20	QPSK	50	50	22.12	21.98	21.98
20	QPSK	100	0	21.90	22.01	22.00
20	16QAM	1	0	22.10	22.13	22.12
20	16QAM	1	49	22.09	22.05	21.93
20	16QAM	1	99	22.05	22.35	21.99
20	16QAM	50	0	21.01	20.96	21.05
20	16QAM	50	24	21.24	21.11	21.32
20	16QAM	50	50	21.33	21.34	21.22
20	16QAM	100	0	21.22	21.16	21.34
20	64QAM	1	0	21.35	21.39	21.26
20	64QAM	1	49	21.22	21.22	21.22
20	64QAM	1	99	21.22	21.36	21.42
20	64QAM	50	0	20.97	21.03	21.03
20	64QAM	50	24	20.95	20.96	21.00
20	64QAM	50	50	20.99	21.02	21.03
20	64QAM	100	0	21.01	21.09	21.14

LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				132047	132322	132597
Frequency (MHz)				1717.5	1745	1772.5
15	QPSK	1	0	22.86	22.98	22.98
15	QPSK	1	37	22.94	22.67	22.87
15	QPSK	1	74	22.70	22.88	22.91
15	QPSK	36	0	21.92	22.00	22.09
15	QPSK	36	20	21.99	21.98	22.07
15	QPSK	36	39	21.91	22.07	22.05
15	QPSK	75	0	21.98	21.95	22.05
15	16QAM	1	0	22.05	22.41	22.20
15	16QAM	1	37	21.94	22.26	22.14
15	16QAM	1	74	21.82	22.03	22.44
15	16QAM	36	0	20.95	21.07	21.12
15	16QAM	36	20	20.90	21.01	21.10
15	16QAM	36	39	21.00	21.12	21.02
15	16QAM	75	0	20.99	21.03	21.05
15	64QAM	1	0	21.22	21.32	21.25
15	64QAM	1	37	21.42	21.52	21.34
15	64QAM	1	74	21.22	21.44	21.26
15	64QAM	36	0	21.16	21.35	21.22
15	64QAM	36	20	21.00	21.11	21.01
15	64QAM	36	39	20.91	21.02	21.02
15	64QAM	75	0	20.84	20.98	20.97

LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				132022	132322	132622
Frequency (MHz)				1715	1745	1775
10	QPSK	1	0	22.52	22.66	22.76
10	QPSK	1	25	22.82	22.76	23.01
10	QPSK	1	49	22.79	22.80	22.92
10	QPSK	25	0	21.71	21.82	21.82
10	QPSK	25	12	21.82	21.90	21.90
10	QPSK	25	25	21.89	21.96	21.99
10	QPSK	50	0	21.77	21.87	21.90
10	16QAM	1	0	22.25	21.96	22.08
10	16QAM	1	25	21.89	22.23	22.02
10	16QAM	1	49	21.99	21.83	21.72
10	16QAM	25	0	21.52	21.52	21.66
10	16QAM	25	12	21.53	21.34	21.12
10	16QAM	25	25	21.62	21.26	21.00
10	16QAM	50	0	21.52	21.33	21.12
10	64QAM	1	0	21.32	21.26	21.12
10	64QAM	1	25	21.39	21.33	21.22
10	64QAM	1	49	21.53	21.63	21.52
10	64QAM	25	0	20.81	20.71	20.81
10	64QAM	25	12	20.89	20.88	20.91
10	64QAM	25	25	20.89	20.84	20.82
10	64QAM	50	0	20.79	20.94	20.89

LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				131997	132322	132647
Frequency (MHz)				1712.5	1745	1777.5
5	QPSK	1	0	22.52	22.66	22.76
5	QPSK	1	12	22.82	22.76	23.01
5	QPSK	1	24	22.79	22.80	22.92
5	QPSK	12	0	21.71	21.82	21.82
5	QPSK	12	7	21.82	21.90	21.90
5	QPSK	12	13	21.89	21.96	21.99
5	QPSK	25	0	21.77	21.87	21.90
5	16QAM	1	0	21.89	21.62	21.86
5	16QAM	1	12	21.95	21.88	22.02
5	16QAM	1	24	21.95	21.83	22.12
5	16QAM	12	0	21.55	21.12	21.22
5	16QAM	12	7	21.16	21.14	21.13
5	16QAM	12	13	21.12	21.19	21.23
5	16QAM	25	0	21.09	21.12	21.12
5	64QAM	1	0	21.12	21.11	21.22
5	64QAM	1	12	21.02	21.09	21.06
5	64QAM	1	24	21.06	20.92	20.99
5	64QAM	12	0	20.81	20.71	20.81
5	64QAM	12	7	20.89	20.88	20.91
5	64QAM	12	13	20.89	20.84	20.82
5	64QAM	25	0	20.79	20.94	20.89

LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				131987	132322	132657
Frequency (MHz)				1711.5	1745	1778.5
3	QPSK	1	0	22.67	22.79	22.79
3	QPSK	1	8	22.75	22.48	22.68
3	QPSK	1	14	22.51	22.69	22.72
3	QPSK	8	0	21.73	21.81	21.90
3	QPSK	8	4	21.80	21.79	21.88
3	QPSK	8	7	21.72	21.88	21.86
3	QPSK	15	0	21.79	21.76	21.86
3	16QAM	1	0	21.86	22.22	22.01
3	16QAM	1	8	21.75	22.07	21.95
3	16QAM	1	14	21.63	21.84	22.25
3	16QAM	8	0	20.76	20.88	20.93
3	16QAM	8	4	20.71	20.82	20.91
3	16QAM	8	7	20.81	20.93	20.83
3	16QAM	15	0	20.80	20.84	20.86
3	64QAM	1	0	21.03	21.13	21.06
3	64QAM	1	8	21.23	21.33	21.15
3	64QAM	1	14	21.03	21.25	21.07
3	64QAM	8	0	20.97	21.16	21.03
3	64QAM	8	4	20.81	20.92	20.82
3	64QAM	8	7	20.72	20.83	20.83
3	64QAM	15	0	20.65	20.79	20.78

LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				131979	132322	132665
Frequency (MHz)				1710.7	1745	1779.3
1.4	QPSK	1	0	22.29	22.43	22.53
1.4	QPSK	1	3	22.59	22.53	22.78
1.4	QPSK	1	5	22.56	22.57	22.69
1.4	QPSK	3	0	22.14	22.25	22.25
1.4	QPSK	3	1	22.25	22.33	22.33
1.4	QPSK	3	3	22.32	22.39	22.42
1.4	QPSK	6	0	21.54	21.64	21.67
1.4	16QAM	1	0	22.02	21.73	21.85
1.4	16QAM	1	3	21.66	22.00	21.79
1.4	16QAM	1	5	21.76	21.60	21.49
1.4	16QAM	3	0	21.29	21.29	21.43
1.4	16QAM	3	1	21.30	21.11	20.89
1.4	16QAM	3	3	21.39	21.03	20.77
1.4	16QAM	6	0	21.29	21.10	20.89
1.4	64QAM	1	0	21.09	21.03	20.89
1.4	64QAM	1	3	21.16	21.10	20.99
1.4	64QAM	1	5	21.30	21.40	21.29
1.4	64QAM	3	0	20.58	20.48	20.58
1.4	64QAM	3	1	20.66	20.65	20.68
1.4	64QAM	3	3	20.66	20.61	20.59
1.4	64QAM	6	0	20.56	20.71	20.66

Effective Radiated Power and Effective Isotropic Radiated Power:

LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18700		18900		19100	
Frequency (MHz)				1860		1880		1900	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	22.58	0.181	22.85	0.193	22.81	0.191
20	QPSK	1	49	22.51	0.178	22.47	0.177	22.54	0.179
20	QPSK	1	99	22.61	0.182	22.57	0.181	22.34	0.171
20	QPSK	50	0	21.86	0.153	21.94	0.156	21.88	0.154
20	QPSK	50	24	21.83	0.152	21.75	0.150	21.73	0.149
20	QPSK	50	50	21.82	0.152	21.69	0.148	21.69	0.148
20	QPSK	100	0	21.61	0.145	21.72	0.149	21.71	0.148
20	16QAM	1	0	21.81	0.152	21.84	0.153	21.83	0.152
20	16QAM	1	49	21.80	0.151	21.76	0.150	21.64	0.146
20	16QAM	1	99	21.76	0.150	22.06	0.161	21.70	0.148
20	16QAM	50	0	20.72	0.118	20.87	0.122	20.76	0.119
20	16QAM	50	24	20.85	0.122	20.82	0.121	20.85	0.122
20	16QAM	50	50	20.92	0.124	20.95	0.124	20.72	0.118
20	16QAM	100	0	20.70	0.117	20.72	0.118	20.71	0.118
20	64QAM	1	0	20.94	0.124	21.02	0.126	20.84	0.121
20	64QAM	1	49	20.82	0.121	20.84	0.121	20.83	0.121
20	64QAM	1	99	20.92	0.124	20.81	0.121	20.86	0.122
20	64QAM	50	0	21.12	0.129	20.74	0.119	20.85	0.122
20	64QAM	50	24	20.92	0.124	20.67	0.117	20.71	0.118
20	64QAM	50	50	20.70	0.117	20.73	0.118	20.74	0.119
20	64QAM	100	0	20.72	0.118	20.80	0.120	20.85	0.122

LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18675		18900		19125	
Frequency (MHz)				1857.5		1880		1902.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	22.19	0.166	22.22	0.167	22.13	0.163
15	QPSK	1	37	21.98	0.158	22.34	0.171	22.22	0.167
15	QPSK	1	74	22.35	0.172	22.27	0.169	22.35	0.172
15	QPSK	36	0	21.31	0.135	21.40	0.138	21.39	0.138
15	QPSK	36	20	21.30	0.135	21.49	0.141	21.46	0.140
15	QPSK	36	39	21.42	0.139	21.43	0.139	21.40	0.138
15	QPSK	75	0	21.34	0.136	21.40	0.138	21.36	0.137
15	16QAM	1	0	21.43	0.139	21.51	0.142	21.45	0.140
15	16QAM	1	37	21.56	0.143	21.59	0.144	21.45	0.140
15	16QAM	1	74	21.51	0.142	21.63	0.146	21.63	0.146
15	16QAM	36	0	21.30	0.135	21.35	0.136	21.38	0.137
15	16QAM	36	20	21.39	0.138	21.32	0.136	21.45	0.140
15	16QAM	36	39	21.44	0.139	21.53	0.142	21.50	0.141
15	16QAM	75	0	21.31	0.135	21.33	0.136	21.42	0.139
15	64QAM	1	0	20.51	0.112	20.27	0.106	20.33	0.108
15	64QAM	1	37	20.50	0.112	20.31	0.107	20.73	0.118
15	64QAM	1	74	20.39	0.109	20.43	0.110	20.58	0.114
15	64QAM	36	0	20.24	0.106	20.41	0.110	20.29	0.107
15	64QAM	36	20	20.44	0.111	20.46	0.111	20.36	0.109
15	64QAM	36	39	20.32	0.108	20.37	0.109	20.46	0.111
15	64QAM	75	0	20.31	0.107	20.38	0.109	20.37	0.109

LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18650		18900		19150	
Frequency (MHz)				1855		1880		1905	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	22.04	0.160	22.03	0.160	22.13	0.163
10	QPSK	1	25	22.15	0.164	22.25	0.168	22.13	0.163
10	QPSK	1	49	22.04	0.160	22.12	0.163	22.04	0.160
10	QPSK	25	0	21.30	0.135	21.31	0.135	21.27	0.134
10	QPSK	25	12	21.26	0.134	21.38	0.137	21.31	0.135
10	QPSK	25	25	21.17	0.131	21.30	0.135	21.26	0.134
10	QPSK	50	0	21.23	0.133	21.32	0.136	21.30	0.135
10	16QAM	1	0	21.71	0.148	21.64	0.146	21.63	0.146
10	16QAM	1	25	21.40	0.138	21.36	0.137	21.43	0.139
10	16QAM	1	49	21.35	0.136	21.43	0.139	21.22	0.132
10	16QAM	25	0	21.25	0.133	21.24	0.133	20.79	0.120
10	16QAM	25	12	20.87	0.122	20.83	0.121	20.82	0.121
10	16QAM	25	25	20.82	0.121	20.78	0.120	20.77	0.119
10	16QAM	50	0	20.78	0.120	20.71	0.118	20.75	0.119
10	64QAM	1	0	20.29	0.107	20.34	0.108	20.34	0.108
10	64QAM	1	25	20.32	0.108	20.37	0.109	20.41	0.110
10	64QAM	1	49	19.99	0.100	20.12	0.103	20.09	0.102
10	64QAM	25	0	20.29	0.107	20.33	0.108	20.34	0.108
10	64QAM	25	12	20.32	0.108	20.30	0.107	20.31	0.107
10	64QAM	25	25	20.25	0.106	20.03	0.101	20.25	0.106
10	64QAM	50	0	20.26	0.106	20.26	0.106	20.23	0.105

LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18625		18900		19175	
Frequency (MHz)				1852.5		1880		1907.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	22.18	0.165	22.23	0.167	22.17	0.165
5	QPSK	1	12	22.17	0.165	22.28	0.169	22.15	0.164
5	QPSK	1	24	22.13	0.163	22.29	0.169	22.22	0.167
5	QPSK	12	0	21.29	0.135	21.20	0.132	21.27	0.134
5	QPSK	12	7	21.30	0.135	21.35	0.136	21.27	0.134
5	QPSK	12	13	21.29	0.135	21.28	0.134	21.31	0.135
5	QPSK	25	0	21.28	0.134	21.26	0.134	21.28	0.134
5	16QAM	1	0	21.41	0.138	21.31	0.135	21.69	0.148
5	16QAM	1	12	21.39	0.138	21.32	0.136	21.69	0.148
5	16QAM	1	24	21.42	0.139	21.29	0.135	21.68	0.147
5	16QAM	12	0	21.12	0.129	21.15	0.130	20.92	0.124
5	16QAM	12	7	20.84	0.121	20.86	0.122	20.80	0.120
5	16QAM	12	13	20.87	0.122	20.76	0.119	20.71	0.118
5	16QAM	25	0	20.79	0.120	20.77	0.119	20.75	0.119
5	64QAM	1	0	20.68	0.117	20.23	0.105	20.28	0.107
5	64QAM	1	12	20.67	0.117	20.33	0.108	20.44	0.111
5	64QAM	1	24	20.68	0.117	20.32	0.108	20.34	0.108
5	64QAM	12	0	20.33	0.108	20.26	0.106	20.25	0.106
5	64QAM	12	7	20.39	0.109	20.23	0.105	20.23	0.105
5	64QAM	12	13	20.36	0.109	20.32	0.108	20.30	0.107
5	64QAM	25	0	20.43	0.110	20.23	0.105	20.30	0.107

LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18615		18900		19185	
Frequency (MHz)				1851.5		1880		1908.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	22.23	0.167	22.01	0.159	22.13	0.163
3	QPSK	1	8	22.16	0.164	22.37	0.173	22.20	0.166
3	QPSK	1	14	22.35	0.172	22.22	0.167	22.22	0.167
3	QPSK	8	0	21.29	0.135	21.24	0.133	21.26	0.134
3	QPSK	8	4	21.35	0.136	21.29	0.135	21.30	0.135
3	QPSK	8	7	21.35	0.136	21.29	0.135	21.25	0.133
3	QPSK	15	0	21.27	0.134	21.35	0.136	21.28	0.134
3	16QAM	1	0	21.43	0.139	21.34	0.136	21.28	0.134
3	16QAM	1	8	21.47	0.140	21.41	0.138	21.37	0.137
3	16QAM	1	14	21.40	0.138	21.37	0.137	21.25	0.133
3	16QAM	8	0	20.83	0.121	20.96	0.125	20.88	0.122
3	16QAM	8	4	20.90	0.123	20.87	0.122	20.93	0.124
3	16QAM	8	7	20.80	0.120	20.85	0.122	20.88	0.122
3	16QAM	15	0	20.83	0.121	20.87	0.122	20.82	0.121
3	64QAM	1	0	20.36	0.109	20.29	0.107	20.32	0.108
3	64QAM	1	8	20.78	0.120	20.77	0.119	20.37	0.109
3	64QAM	1	14	20.39	0.109	20.75	0.119	20.39	0.109
3	64QAM	8	0	20.31	0.107	20.33	0.108	20.17	0.104
3	64QAM	8	4	20.41	0.110	20.31	0.107	20.31	0.107
3	64QAM	8	7	20.51	0.112	20.40	0.110	20.26	0.106
3	64QAM	15	0	20.36	0.109	20.36	0.109	20.34	0.108

LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18607		18900		19193	
Frequency (MHz)				1850.7		1880		1909.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	22.10	0.162	22.12	0.163	22.08	0.161
1.4	QPSK	1	3	22.20	0.166	22.18	0.165	22.17	0.165
1.4	QPSK	1	5	22.17	0.165	22.15	0.164	22.13	0.163
1.4	QPSK	3	0	22.16	0.164	22.16	0.164	22.12	0.163
1.4	QPSK	3	1	22.20	0.166	22.17	0.165	22.15	0.164
1.4	QPSK	3	3	22.22	0.167	22.26	0.168	22.15	0.164
1.4	QPSK	6	0	21.25	0.133	21.23	0.133	21.22	0.132
1.4	16QAM	1	0	21.28	0.134	21.28	0.134	21.22	0.132
1.4	16QAM	1	3	21.24	0.133	21.44	0.139	21.42	0.139
1.4	16QAM	1	5	21.12	0.129	21.32	0.136	21.00	0.126
1.4	16QAM	3	0	21.14	0.130	21.19	0.132	21.16	0.131
1.4	16QAM	3	1	21.32	0.136	21.14	0.130	21.19	0.132
1.4	16QAM	3	3	21.34	0.136	21.31	0.135	21.05	0.127
1.4	16QAM	6	0	21.35	0.136	21.28	0.134	21.23	0.133
1.4	64QAM	1	0	20.23	0.105	20.15	0.104	20.18	0.104
1.4	64QAM	1	3	20.25	0.106	20.46	0.111	20.34	0.108
1.4	64QAM	1	5	20.23	0.105	20.58	0.114	20.17	0.104
1.4	64QAM	3	0	20.26	0.106	20.32	0.108	20.33	0.108
1.4	64QAM	3	1	20.35	0.108	20.32	0.108	20.06	0.101
1.4	64QAM	3	3	20.27	0.106	20.41	0.110	20.18	0.104
1.4	64QAM	6	0	20.32	0.108	20.35	0.108	20.24	0.106

LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20050		20175		20300	
Frequency (MHz)				1720		1732.5		1745	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	21.94	0.156	22.06	0.161	22.01	0.159
20	QPSK	1	49	21.80	0.151	21.88	0.154	21.87	0.154
20	QPSK	1	99	21.72	0.149	21.85	0.153	21.97	0.157
20	QPSK	50	0	21.01	0.126	21.14	0.130	21.11	0.129
20	QPSK	50	24	21.01	0.126	21.09	0.129	21.09	0.129
20	QPSK	50	50	20.90	0.123	21.01	0.126	21.02	0.126
20	QPSK	100	0	21.00	0.126	21.04	0.127	21.11	0.129
20	16QAM	1	0	20.87	0.122	20.95	0.124	20.84	0.121
20	16QAM	1	49	21.02	0.126	20.79	0.120	20.93	0.124
20	16QAM	1	99	20.81	0.121	21.03	0.127	20.79	0.120
20	16QAM	50	0	20.68	0.117	20.73	0.118	20.83	0.121
20	16QAM	50	24	20.64	0.116	20.75	0.119	20.64	0.116
20	16QAM	50	50	20.60	0.115	20.61	0.115	20.61	0.115
20	16QAM	100	0	20.62	0.115	20.70	0.117	20.71	0.118
20	64QAM	1	0	19.98	0.100	20.09	0.102	20.31	0.107
20	64QAM	1	49	20.02	0.100	19.95	0.099	19.83	0.096
20	64QAM	1	99	20.29	0.107	19.86	0.097	20.33	0.108
20	64QAM	50	0	19.99	0.100	20.08	0.102	20.03	0.101
20	64QAM	50	24	20.01	0.100	20.12	0.103	20.06	0.101
20	64QAM	50	50	20.05	0.101	20.00	0.100	20.02	0.100
20	64QAM	100	0	20.08	0.102	20.06	0.101	20.15	0.104

LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20025		20175		20325	
Frequency (MHz)				1717.5		1732.5		1747.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	21.81	0.152	21.85	0.153	21.95	0.157
15	QPSK	1	37	21.85	0.153	21.94	0.156	21.86	0.153
15	QPSK	1	74	21.72	0.149	21.94	0.156	21.97	0.157
15	QPSK	36	0	20.95	0.124	21.02	0.126	21.05	0.127
15	QPSK	36	20	20.99	0.126	21.12	0.129	21.08	0.128
15	QPSK	36	39	21.04	0.127	21.03	0.127	21.12	0.129
15	QPSK	75	0	20.99	0.126	21.01	0.126	21.02	0.126
15	16QAM	1	0	20.69	0.117	20.91	0.123	20.63	0.116
15	16QAM	1	37	20.77	0.119	20.77	0.119	20.61	0.115
15	16QAM	1	74	20.63	0.116	20.93	0.124	20.72	0.118
15	16QAM	36	0	20.64	0.116	20.66	0.116	20.85	0.122
15	16QAM	36	20	20.59	0.115	20.66	0.116	20.72	0.118
15	16QAM	36	39	20.55	0.114	20.64	0.116	20.70	0.117
15	16QAM	75	0	20.66	0.116	20.67	0.117	20.76	0.119
15	64QAM	1	0	19.85	0.097	20.16	0.104	20.21	0.105
15	64QAM	1	37	20.27	0.106	20.03	0.101	20.09	0.102
15	64QAM	1	74	20.31	0.107	20.02	0.100	20.06	0.101
15	64QAM	36	0	19.96	0.099	20.03	0.101	20.07	0.102
15	64QAM	36	20	20.02	0.100	20.04	0.101	20.06	0.101
15	64QAM	36	39	20.05	0.101	20.01	0.100	20.03	0.101
15	64QAM	75	0	19.98	0.100	20.09	0.102	20.02	0.100

LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20000		20175		20350	
Frequency (MHz)				1715		1732.5		1750	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	21.73	0.149	21.92	0.156	21.75	0.150
10	QPSK	1	25	21.71	0.148	21.84	0.153	21.85	0.153
10	QPSK	1	49	21.79	0.151	21.62	0.145	21.85	0.153
10	QPSK	25	0	20.78	0.120	21.00	0.126	21.02	0.126
10	QPSK	25	12	20.90	0.123	20.96	0.125	21.00	0.126
10	QPSK	25	25	20.79	0.120	20.90	0.123	20.97	0.125
10	QPSK	50	0	20.85	0.122	20.95	0.124	20.87	0.122
10	16QAM	1	0	20.60	0.115	20.75	0.119	20.51	0.112
10	16QAM	1	25	20.87	0.122	20.61	0.115	20.93	0.124
10	16QAM	1	49	20.94	0.124	20.84	0.121	20.83	0.121
10	16QAM	25	0	20.60	0.115	20.59	0.115	20.58	0.114
10	16QAM	25	12	20.52	0.113	20.62	0.115	20.59	0.115
10	16QAM	25	25	20.86	0.122	20.77	0.119	20.86	0.122
10	16QAM	50	0	20.80	0.120	20.84	0.121	20.96	0.125
10	64QAM	1	0	19.90	0.098	19.98	0.100	19.88	0.097
10	64QAM	1	25	19.97	0.099	20.26	0.106	20.35	0.108
10	64QAM	1	49	19.95	0.099	19.99	0.100	19.94	0.099
10	64QAM	25	0	19.79	0.095	19.93	0.098	19.92	0.098
10	64QAM	25	12	19.88	0.097	19.99	0.100	20.03	0.101
10	64QAM	25	25	19.76	0.095	19.88	0.097	19.90	0.098
10	64QAM	50	0	19.82	0.096	19.89	0.097	19.88	0.097

LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				19975		20175		20375	
Frequency (MHz)				1712.5		1732.5		1752.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	21.63	0.146	21.85	0.153	21.90	0.155
5	QPSK	1	12	21.69	0.148	21.84	0.153	21.81	0.152
5	QPSK	1	24	21.64	0.146	21.76	0.150	21.75	0.150
5	QPSK	12	0	20.86	0.122	20.86	0.122	20.90	0.123
5	QPSK	12	7	20.86	0.122	20.97	0.125	20.94	0.124
5	QPSK	12	13	20.81	0.121	20.98	0.125	20.90	0.123
5	QPSK	25	0	20.84	0.121	20.88	0.122	20.94	0.124
5	16QAM	1	0	20.50	0.112	20.91	0.123	20.59	0.115
5	16QAM	1	12	20.61	0.115	20.96	0.125	20.55	0.114
5	16QAM	1	24	20.55	0.114	20.90	0.123	20.50	0.112
5	16QAM	12	0	20.54	0.113	20.48	0.112	20.51	0.112
5	16QAM	12	7	20.57	0.114	20.61	0.115	20.59	0.115
5	16QAM	12	13	20.84	0.121	20.91	0.123	20.95	0.124
5	16QAM	25	0	20.85	0.122	20.96	0.125	20.89	0.123
5	64QAM	1	0	19.86	0.097	20.30	0.107	20.28	0.107
5	64QAM	1	12	20.24	0.106	20.00	0.100	20.27	0.106
5	64QAM	1	24	20.20	0.105	19.90	0.098	19.97	0.099
5	64QAM	12	0	19.87	0.097	19.94	0.099	19.96	0.099
5	64QAM	12	7	19.86	0.097	19.95	0.099	20.01	0.100
5	64QAM	12	13	19.87	0.097	19.93	0.098	19.92	0.098
5	64QAM	25	0	19.82	0.096	19.96	0.099	19.87	0.097

LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				19965		20175		20385	
Frequency (MHz)				1711.5		1732.5		1753.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	21.75	0.150	21.76	0.150	21.88	0.154
3	QPSK	1	8	21.84	0.153	21.98	0.158	21.92	0.156
3	QPSK	1	14	21.64	0.146	21.83	0.152	21.83	0.152
3	QPSK	8	0	20.84	0.121	20.90	0.123	20.91	0.123
3	QPSK	8	4	20.90	0.123	20.98	0.125	21.00	0.126
3	QPSK	8	7	20.86	0.122	20.96	0.125	20.96	0.125
3	QPSK	15	0	20.86	0.122	20.92	0.124	20.86	0.122
3	16QAM	1	0	20.70	0.117	20.79	0.120	20.83	0.121
3	16QAM	1	8	20.92	0.124	20.92	0.124	20.66	0.116
3	16QAM	1	14	20.83	0.121	20.61	0.115	20.69	0.117
3	16QAM	8	0	20.62	0.115	20.63	0.116	20.72	0.118
3	16QAM	8	4	20.72	0.118	20.72	0.118	20.73	0.118
3	16QAM	8	7	20.94	0.124	21.02	0.126	21.06	0.128
3	16QAM	15	0	20.94	0.124	20.92	0.124	20.99	0.126
3	64QAM	1	0	19.85	0.097	19.94	0.099	19.92	0.098
3	64QAM	1	8	20.04	0.101	19.92	0.098	20.08	0.102
3	64QAM	1	14	19.85	0.097	19.92	0.098	19.75	0.094
3	64QAM	8	0	19.83	0.096	19.87	0.097	19.81	0.096
3	64QAM	8	4	19.95	0.099	19.93	0.098	19.97	0.099
3	64QAM	8	7	19.89	0.097	19.96	0.099	20.08	0.102
3	64QAM	15	0	19.85	0.097	19.93	0.098	19.84	0.096

LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				19957		20175		20393	
Frequency (MHz)				1710.7		1732.5		1754.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	21.50	0.141	21.71	0.148	21.72	0.149
1.4	QPSK	1	3	21.84	0.153	21.84	0.153	21.88	0.154
1.4	QPSK	1	5	21.70	0.148	21.79	0.151	21.81	0.152
1.4	QPSK	3	0	21.78	0.151	21.75	0.150	21.74	0.149
1.4	QPSK	3	1	21.74	0.149	21.84	0.153	21.89	0.155
1.4	QPSK	3	3	21.73	0.149	21.80	0.151	21.79	0.151
1.4	QPSK	6	0	20.62	0.115	20.71	0.118	20.71	0.118
1.4	16QAM	1	0	20.59	0.115	21.06	0.128	20.72	0.118
1.4	16QAM	1	3	20.72	0.118	20.80	0.120	20.84	0.121
1.4	16QAM	1	5	20.78	0.120	20.94	0.124	20.74	0.119
1.4	16QAM	3	0	20.81	0.121	20.85	0.122	20.76	0.119
1.4	16QAM	3	1	20.82	0.121	20.85	0.122	20.87	0.122
1.4	16QAM	3	3	20.81	0.121	20.93	0.124	20.82	0.121
1.4	16QAM	6	0	20.72	0.118	20.73	0.118	20.64	0.116
1.4	64QAM	1	0	19.74	0.094	19.68	0.093	19.82	0.096
1.4	64QAM	1	3	20.00	0.100	19.98	0.100	20.10	0.102
1.4	64QAM	1	5	19.91	0.098	19.87	0.097	19.71	0.094
1.4	64QAM	3	0	19.82	0.096	19.80	0.095	19.99	0.100
1.4	64QAM	3	1	19.73	0.094	19.88	0.097	19.85	0.097
1.4	64QAM	3	3	19.79	0.095	19.96	0.099	19.84	0.096
1.4	64QAM	6	0	19.78	0.095	19.79	0.095	19.86	0.097

LTE Band 5				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20450		20525		20600	
Frequency (MHz)				829		836.5		844	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	20.06	0.101	20.07	0.102	19.88	0.097
10	QPSK	1	25	19.92	0.098	19.95	0.099	19.75	0.094
10	QPSK	1	49	19.84	0.096	19.96	0.099	19.64	0.092
10	QPSK	25	0	19.15	0.082	19.17	0.083	18.98	0.079
10	QPSK	25	12	18.91	0.078	18.93	0.078	18.98	0.079
10	QPSK	25	25	18.91	0.078	19.02	0.080	19.07	0.081
10	QPSK	50	0	18.97	0.079	18.85	0.077	18.99	0.079
10	16QAM	1	0	19.01	0.080	19.20	0.083	18.91	0.078
10	16QAM	1	25	19.24	0.084	19.27	0.085	18.95	0.079
10	16QAM	1	49	19.07	0.081	19.13	0.082	19.20	0.083
10	16QAM	25	0	19.16	0.082	19.17	0.083	18.99	0.079
10	16QAM	25	12	19.10	0.081	19.18	0.083	18.96	0.079
10	16QAM	25	25	19.13	0.082	19.06	0.081	19.09	0.081
10	16QAM	50	0	19.14	0.082	19.05	0.080	18.95	0.079
10	64QAM	1	0	18.10	0.065	18.20	0.066	18.08	0.064
10	64QAM	1	25	18.07	0.064	18.27	0.067	18.07	0.064
10	64QAM	1	49	17.96	0.063	18.18	0.066	18.09	0.064
10	64QAM	25	0	18.07	0.064	18.18	0.066	17.85	0.061
10	64QAM	25	12	18.06	0.064	18.23	0.067	17.94	0.062
10	64QAM	25	25	18.18	0.066	18.07	0.064	17.77	0.060
10	64QAM	50	0	18.14	0.065	18.10	0.065	17.96	0.063

LTE Band 5				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20425		20525		20625	
Frequency (MHz)				826.5		836.5		846.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	20.01	0.100	19.97	0.099	19.95	0.099
5	QPSK	1	12	19.91	0.098	20.02	0.100	19.86	0.097
5	QPSK	1	24	19.91	0.098	19.86	0.097	19.86	0.097
5	QPSK	12	0	19.06	0.081	19.11	0.081	18.97	0.079
5	QPSK	12	7	19.13	0.082	19.14	0.082	19.06	0.081
5	QPSK	12	13	19.18	0.083	19.02	0.080	18.97	0.079
5	QPSK	25	0	19.09	0.081	19.05	0.080	18.97	0.079
5	16QAM	1	0	19.38	0.087	19.31	0.085	19.07	0.081
5	16QAM	1	12	19.08	0.081	19.30	0.085	19.06	0.081
5	16QAM	1	24	18.95	0.079	19.30	0.085	19.13	0.082
5	16QAM	12	0	19.04	0.080	19.13	0.082	19.12	0.082
5	16QAM	12	7	19.11	0.081	19.14	0.082	18.96	0.079
5	16QAM	12	13	19.11	0.081	19.02	0.080	19.07	0.081
5	16QAM	25	0	19.12	0.082	19.17	0.083	19.12	0.082
5	64QAM	1	0	18.19	0.066	18.07	0.064	18.18	0.066
5	64QAM	1	12	18.07	0.064	18.01	0.063	18.15	0.065
5	64QAM	1	24	18.21	0.066	18.05	0.064	17.99	0.063
5	64QAM	12	0	17.93	0.062	18.07	0.064	17.87	0.061
5	64QAM	12	7	17.97	0.063	18.13	0.065	17.91	0.062
5	64QAM	12	13	18.15	0.065	18.10	0.065	17.67	0.058
5	64QAM	25	0	18.03	0.064	18.10	0.065	17.71	0.059

LTE Band 5				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20415		20525		20635	
Frequency (MHz)				825.5		836.5		847.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	19.70	0.093	20.01	0.100	19.86	0.097
3	QPSK	1	8	19.96	0.099	19.97	0.099	19.88	0.097
3	QPSK	1	14	19.97	0.099	19.95	0.099	19.69	0.093
3	QPSK	8	0	18.99	0.079	19.12	0.082	19.10	0.081
3	QPSK	8	4	19.13	0.082	19.19	0.083	19.16	0.082
3	QPSK	8	7	19.08	0.081	19.10	0.081	18.97	0.079
3	QPSK	15	0	19.06	0.081	19.12	0.082	19.11	0.081
3	16QAM	1	0	19.08	0.081	19.19	0.083	19.26	0.084
3	16QAM	1	8	19.01	0.080	19.27	0.085	19.11	0.081
3	16QAM	1	14	19.06	0.081	19.32	0.086	19.07	0.081
3	16QAM	8	0	19.02	0.080	19.11	0.081	18.85	0.077
3	16QAM	8	4	19.18	0.083	19.29	0.085	18.86	0.077
3	16QAM	8	7	19.10	0.081	19.16	0.082	18.90	0.078
3	16QAM	15	0	19.04	0.080	19.06	0.081	18.61	0.073
3	64QAM	1	0	17.99	0.063	17.87	0.061	18.08	0.064
3	64QAM	1	8	17.87	0.061	18.11	0.065	17.87	0.061
3	64QAM	1	14	17.89	0.062	18.07	0.064	17.88	0.061
3	64QAM	8	0	17.99	0.063	18.09	0.064	18.07	0.064
3	64QAM	8	4	18.21	0.066	18.05	0.064	17.99	0.063
3	64QAM	8	7	18.16	0.065	18.08	0.064	18.05	0.064
3	64QAM	15	0	18.05	0.064	18.15	0.065	17.95	0.062

LTE Band 5				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20407		20525		20643	
Frequency (MHz)				824.7		836.5		848.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	19.91	0.098	19.98	0.100	20.02	0.100
1.4	QPSK	1	3	20.04	0.101	19.97	0.099	20.04	0.101
1.4	QPSK	1	5	19.93	0.098	19.87	0.097	19.88	0.097
1.4	QPSK	3	0	19.94	0.099	20.00	0.100	19.96	0.099
1.4	QPSK	3	1	20.00	0.100	19.87	0.097	19.97	0.099
1.4	QPSK	3	3	20.01	0.100	19.93	0.098	19.93	0.098
1.4	QPSK	6	0	19.04	0.080	19.03	0.080	19.02	0.080
1.4	16QAM	1	0	19.17	0.083	18.98	0.079	19.15	0.082
1.4	16QAM	1	3	18.97	0.079	19.21	0.083	19.10	0.081
1.4	16QAM	1	5	19.36	0.086	19.04	0.080	19.10	0.081
1.4	16QAM	3	0	18.89	0.077	18.87	0.077	19.01	0.080
1.4	16QAM	3	1	18.92	0.078	19.19	0.083	19.05	0.080
1.4	16QAM	3	3	19.00	0.079	19.11	0.081	18.99	0.079
1.4	16QAM	6	0	19.19	0.083	19.06	0.081	19.10	0.081
1.4	64QAM	1	0	17.72	0.059	17.89	0.062	17.91	0.062
1.4	64QAM	1	3	18.03	0.064	18.04	0.064	17.99	0.063
1.4	64QAM	1	5	17.98	0.063	17.97	0.063	17.85	0.061
1.4	64QAM	3	0	17.64	0.058	17.91	0.062	17.92	0.062
1.4	64QAM	3	1	17.92	0.062	17.86	0.061	17.87	0.061
1.4	64QAM	3	3	17.82	0.061	17.99	0.063	18.03	0.064
1.4	64QAM	6	0	18.03	0.064	18.15	0.065	18.04	0.064

LTE Band 7				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20850		21100		21350	
Frequency (MHz)				2510		2535		2560	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	22.56	0.180	22.57	0.181	22.49	0.177
20	QPSK	1	49	22.51	0.178	22.55	0.180	22.44	0.175
20	QPSK	1	99	22.46	0.176	22.41	0.174	22.46	0.176
20	QPSK	50	0	21.45	0.140	21.82	0.152	21.49	0.141
20	QPSK	50	24	21.51	0.142	21.48	0.141	21.38	0.137
20	QPSK	50	50	21.61	0.145	21.64	0.146	21.61	0.145
20	QPSK	100	0	21.56	0.143	21.58	0.144	21.55	0.143
20	16QAM	1	0	21.37	0.137	21.47	0.140	21.65	0.146
20	16QAM	1	49	21.52	0.142	21.38	0.137	21.66	0.147
20	16QAM	1	99	21.46	0.140	21.77	0.150	21.42	0.139
20	16QAM	50	0	21.31	0.135	21.41	0.138	21.34	0.136
20	16QAM	50	24	21.36	0.137	21.28	0.134	21.39	0.138
20	16QAM	50	50	21.44	0.139	21.49	0.141	21.32	0.136
20	16QAM	100	0	21.32	0.136	21.44	0.139	21.42	0.139
20	64QAM	1	0	20.92	0.124	20.76	0.119	20.49	0.112
20	64QAM	1	49	20.86	0.122	20.83	0.121	20.88	0.122
20	64QAM	1	99	20.84	0.121	20.89	0.123	20.80	0.120
20	64QAM	50	0	20.58	0.114	20.59	0.115	20.64	0.116
20	64QAM	50	24	20.63	0.116	20.64	0.116	20.64	0.116
20	64QAM	50	50	20.67	0.117	20.74	0.119	20.59	0.115
20	64QAM	100	0	20.60	0.115	20.57	0.114	20.69	0.117

LTE Band 7				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20825		21100		21375	
Frequency (MHz)				2507.5		2535		2562.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	22.39	0.173	22.48	0.177	22.48	0.177
15	QPSK	1	37	22.49	0.177	22.46	0.176	22.50	0.178
15	QPSK	1	74	22.43	0.175	22.50	0.178	22.50	0.178
15	QPSK	36	0	21.54	0.143	21.63	0.146	21.65	0.146
15	QPSK	36	20	21.62	0.145	21.69	0.148	21.64	0.146
15	QPSK	36	39	21.65	0.146	21.68	0.147	21.72	0.149
15	QPSK	75	0	21.71	0.148	21.64	0.146	21.66	0.147
15	16QAM	1	0	21.87	0.154	21.98	0.158	22.05	0.160
15	16QAM	1	37	21.69	0.148	21.80	0.151	21.78	0.151
15	16QAM	1	74	21.73	0.149	21.73	0.149	21.95	0.157
15	16QAM	36	0	21.32	0.136	21.43	0.139	21.45	0.140
15	16QAM	36	20	21.39	0.138	21.42	0.139	21.41	0.138
15	16QAM	36	39	21.45	0.140	21.43	0.139	21.32	0.136
15	16QAM	75	0	21.40	0.138	21.48	0.141	21.40	0.138
15	64QAM	1	0	20.82	0.121	20.79	0.120	20.67	0.117
15	64QAM	1	37	20.72	0.118	20.87	0.122	20.96	0.125
15	64QAM	1	74	20.71	0.118	20.83	0.121	20.89	0.123
15	64QAM	36	0	20.56	0.114	20.64	0.116	20.63	0.116
15	64QAM	36	20	20.67	0.117	20.66	0.116	20.73	0.118
15	64QAM	36	39	20.71	0.118	20.62	0.115	20.64	0.116
15	64QAM	75	0	20.56	0.114	20.66	0.116	20.61	0.115

LTE Band 7				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20800		21100		21400	
Frequency (MHz)				2505		2535		2565	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	22.38	0.173	22.25	0.168	22.28	0.169
10	QPSK	1	25	22.41	0.174	22.31	0.170	22.33	0.171
10	QPSK	1	49	22.34	0.171	22.31	0.170	22.33	0.171
10	QPSK	25	0	21.46	0.140	21.46	0.140	21.45	0.140
10	QPSK	25	12	21.42	0.139	21.54	0.143	21.59	0.144
10	QPSK	25	25	21.35	0.136	21.53	0.142	21.53	0.142
10	QPSK	50	0	21.44	0.139	21.56	0.143	21.55	0.143
10	16QAM	1	0	21.49	0.141	21.67	0.147	21.52	0.142
10	16QAM	1	25	21.48	0.141	21.50	0.141	21.55	0.143
10	16QAM	1	49	21.95	0.157	21.85	0.153	21.76	0.150
10	16QAM	25	0	21.38	0.137	21.26	0.134	21.34	0.136
10	16QAM	25	12	21.20	0.132	21.37	0.137	21.30	0.135
10	16QAM	25	25	21.25	0.133	21.28	0.134	21.20	0.132
10	16QAM	50	0	21.28	0.134	21.37	0.137	21.22	0.132
10	64QAM	1	0	20.82	0.121	20.78	0.120	20.76	0.119
10	64QAM	1	25	20.51	0.112	20.76	0.119	20.59	0.115
10	64QAM	1	49	20.62	0.115	20.86	0.122	20.67	0.117
10	64QAM	25	0	20.48	0.112	20.46	0.111	20.50	0.112
10	64QAM	25	12	20.50	0.112	20.61	0.115	20.54	0.113
10	64QAM	25	25	20.43	0.110	20.33	0.108	20.32	0.108
10	64QAM	50	0	20.37	0.109	20.43	0.110	20.35	0.108

LTE Band 7				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20775		21100		21425	
Frequency (MHz)				2502.5		2535		2567.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	22.42	0.175	22.33	0.171	22.23	0.167
5	QPSK	1	12	22.29	0.169	22.22	0.167	22.30	0.170
5	QPSK	1	24	22.23	0.167	22.29	0.169	22.33	0.171
5	QPSK	12	0	21.26	0.134	21.34	0.136	21.26	0.134
5	QPSK	12	7	21.33	0.136	21.48	0.141	21.40	0.138
5	QPSK	12	13	21.35	0.136	21.51	0.142	21.36	0.137
5	QPSK	25	0	21.36	0.137	21.37	0.137	21.32	0.136
5	16QAM	1	0	21.34	0.136	21.32	0.136	21.38	0.137
5	16QAM	1	12	21.39	0.138	21.61	0.145	21.51	0.142
5	16QAM	1	24	21.45	0.140	21.64	0.146	21.46	0.140
5	16QAM	12	0	21.36	0.137	21.42	0.139	21.33	0.136
5	16QAM	12	7	21.25	0.133	21.27	0.134	21.23	0.133
5	16QAM	12	13	21.25	0.133	21.31	0.135	21.44	0.139
5	16QAM	25	0	21.22	0.132	21.27	0.134	21.29	0.135
5	64QAM	1	0	20.58	0.114	20.63	0.116	20.59	0.115
5	64QAM	1	12	20.63	0.116	20.75	0.119	20.63	0.116
5	64QAM	1	24	20.67	0.117	20.77	0.119	20.73	0.118
5	64QAM	12	0	20.38	0.109	20.35	0.108	20.40	0.110
5	64QAM	12	7	20.47	0.111	20.52	0.113	20.31	0.107
5	64QAM	12	13	20.42	0.110	20.51	0.112	20.37	0.109
5	64QAM	25	0	20.37	0.109	20.36	0.109	20.41	0.110

LTE Band 12				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23060		23095		23130	
Frequency (MHz)				704		707.5		711	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	19.91	0.098	20.07	0.102	19.96	0.099
10	QPSK	1	25	19.77	0.095	19.90	0.098	19.93	0.098
10	QPSK	1	49	19.87	0.097	19.88	0.097	19.87	0.097
10	QPSK	25	0	19.16	0.082	19.26	0.084	19.17	0.083
10	QPSK	25	12	19.13	0.082	19.07	0.081	18.86	0.077
10	QPSK	25	25	19.18	0.083	19.24	0.084	19.17	0.083
10	QPSK	50	0	19.19	0.083	19.21	0.083	19.12	0.082
10	16QAM	1	0	19.12	0.082	18.67	0.074	18.80	0.076
10	16QAM	1	25	18.87	0.077	18.82	0.076	18.96	0.079
10	16QAM	1	49	18.96	0.079	19.01	0.080	18.90	0.078
10	16QAM	25	0	18.85	0.077	18.87	0.077	18.81	0.076
10	16QAM	25	12	18.89	0.077	18.93	0.078	18.82	0.076
10	16QAM	25	25	18.94	0.078	18.95	0.079	18.89	0.077
10	16QAM	50	0	18.84	0.077	18.92	0.078	18.97	0.079
10	64QAM	1	0	17.99	0.063	18.11	0.065	18.45	0.070
10	64QAM	1	25	18.43	0.070	18.49	0.071	18.08	0.064
10	64QAM	1	49	18.45	0.070	18.13	0.065	18.06	0.064
10	64QAM	25	0	17.96	0.063	17.90	0.062	17.87	0.061
10	64QAM	25	12	18.01	0.063	18.04	0.064	17.96	0.063
10	64QAM	25	25	18.06	0.064	18.03	0.064	18.03	0.064
10	64QAM	50	0	17.98	0.063	17.91	0.062	18.02	0.063

LTE Band 12				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23035		23095		23155	
Frequency (MHz)				701.5		707.5		713.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	19.66	0.092	19.82	0.096	19.77	0.095
5	QPSK	1	12	19.82	0.096	19.98	0.100	19.82	0.096
5	QPSK	1	24	19.78	0.095	19.97	0.099	19.83	0.096
5	QPSK	12	0	18.89	0.077	18.96	0.079	18.95	0.079
5	QPSK	12	7	19.00	0.079	19.02	0.080	18.99	0.079
5	QPSK	12	13	18.95	0.079	18.98	0.079	18.95	0.079
5	QPSK	25	0	18.91	0.078	19.03	0.080	18.99	0.079
5	16QAM	1	0	18.92	0.078	18.94	0.078	18.96	0.079
5	16QAM	1	12	19.09	0.081	19.04	0.080	19.05	0.080
5	16QAM	1	24	19.05	0.080	19.03	0.080	18.99	0.079
5	16QAM	12	0	18.79	0.076	18.76	0.075	18.79	0.076
5	16QAM	12	7	18.93	0.078	18.98	0.079	18.82	0.076
5	16QAM	12	13	18.88	0.077	18.85	0.077	18.90	0.078
5	16QAM	25	0	18.89	0.077	18.85	0.077	18.87	0.077
5	64QAM	1	0	17.97	0.063	17.98	0.063	18.03	0.064
5	64QAM	1	12	18.42	0.070	18.12	0.065	18.05	0.064
5	64QAM	1	24	18.40	0.069	18.09	0.064	18.14	0.065
5	64QAM	12	0	17.94	0.062	17.96	0.063	17.91	0.062
5	64QAM	12	7	18.04	0.064	17.92	0.062	17.98	0.063
5	64QAM	12	13	17.91	0.062	18.01	0.063	18.06	0.064
5	64QAM	25	0	18.06	0.064	18.02	0.063	17.99	0.063

LTE Band 12				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23025		23095		23165	
Frequency (MHz)				700.5		707.5		714.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	19.74	0.094	19.83	0.096	19.68	0.093
3	QPSK	1	8	19.92	0.098	19.91	0.098	20.01	0.100
3	QPSK	1	14	19.86	0.097	19.97	0.099	19.92	0.098
3	QPSK	8	0	18.97	0.079	18.95	0.079	18.95	0.079
3	QPSK	8	4	19.00	0.079	19.03	0.080	19.04	0.080
3	QPSK	8	7	18.95	0.079	19.03	0.080	18.97	0.079
3	QPSK	15	0	18.94	0.078	19.02	0.080	18.88	0.077
3	16QAM	1	0	18.95	0.079	19.31	0.085	18.90	0.078
3	16QAM	1	8	19.15	0.082	19.13	0.082	19.08	0.081
3	16QAM	1	14	18.98	0.079	19.03	0.080	18.89	0.077
3	16QAM	8	0	18.95	0.079	18.84	0.077	18.87	0.077
3	16QAM	8	4	19.00	0.079	18.97	0.079	19.08	0.081
3	16QAM	8	7	18.84	0.077	18.87	0.077	18.93	0.078
3	16QAM	15	0	18.82	0.076	18.75	0.075	18.74	0.075
3	64QAM	1	0	17.98	0.063	18.32	0.068	18.31	0.068
3	64QAM	1	8	18.27	0.067	18.17	0.066	18.18	0.066
3	64QAM	1	14	18.20	0.066	18.05	0.064	18.16	0.065
3	64QAM	8	0	17.87	0.061	17.95	0.062	17.86	0.061
3	64QAM	8	4	17.96	0.063	18.00	0.063	17.99	0.063
3	64QAM	8	7	17.95	0.062	17.87	0.061	18.02	0.063
3	64QAM	15	0	17.94	0.062	17.96	0.063	17.88	0.061

LTE Band 12				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23017		23095		23173	
Frequency (MHz)				699.7		707.5		715.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	19.77	0.095	19.81	0.096	19.74	0.094
1.4	QPSK	1	3	19.88	0.097	19.87	0.097	19.89	0.097
1.4	QPSK	1	5	19.77	0.095	19.82	0.096	19.78	0.095
1.4	QPSK	3	0	19.72	0.094	19.85	0.097	19.83	0.096
1.4	QPSK	3	1	19.93	0.098	19.93	0.098	19.94	0.099
1.4	QPSK	3	3	19.88	0.097	19.90	0.098	19.86	0.097
1.4	QPSK	6	0	18.94	0.078	18.91	0.078	18.89	0.077
1.4	16QAM	1	0	18.98	0.079	18.92	0.078	18.77	0.075
1.4	16QAM	1	3	18.79	0.076	19.22	0.084	18.89	0.077
1.4	16QAM	1	5	18.91	0.078	18.92	0.078	18.91	0.078
1.4	16QAM	3	0	18.75	0.075	18.78	0.076	18.79	0.076
1.4	16QAM	3	1	18.91	0.078	18.99	0.079	18.83	0.076
1.4	16QAM	3	3	18.74	0.075	18.88	0.077	18.88	0.077
1.4	16QAM	6	0	18.67	0.074	18.87	0.077	18.77	0.075
1.4	64QAM	1	0	17.82	0.061	17.97	0.063	17.81	0.060
1.4	64QAM	1	3	17.94	0.062	17.87	0.061	17.92	0.062
1.4	64QAM	1	5	18.10	0.065	18.13	0.065	18.09	0.064
1.4	64QAM	3	0	18.00	0.063	18.01	0.063	17.84	0.061
1.4	64QAM	3	1	17.98	0.063	18.22	0.066	18.07	0.064
1.4	64QAM	3	3	18.00	0.063	17.84	0.061	18.00	0.063
1.4	64QAM	6	0	17.96	0.063	17.97	0.063	17.84	0.061

LTE Band 17				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23780		23790		23800	
Frequency (MHz)				709		710		711	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	19.77	0.095	19.90	0.098	19.55	0.090
10	QPSK	1	25	19.76	0.095	19.67	0.093	19.76	0.095
10	QPSK	1	49	19.73	0.094	19.57	0.091	19.73	0.094
10	QPSK	25	0	18.99	0.079	19.07	0.081	18.87	0.077
10	QPSK	25	12	18.91	0.078	18.90	0.078	18.96	0.079
10	QPSK	25	25	18.97	0.079	18.84	0.077	18.92	0.078
10	QPSK	50	0	18.95	0.079	18.97	0.079	18.97	0.079
10	16QAM	1	0	18.85	0.077	18.93	0.078	18.87	0.077
10	16QAM	1	25	18.97	0.079	18.97	0.079	18.97	0.079
10	16QAM	1	49	19.21	0.083	19.23	0.084	18.89	0.077
10	16QAM	25	0	18.97	0.079	18.67	0.074	19.01	0.080
10	16QAM	25	12	18.57	0.072	18.88	0.077	18.72	0.074
10	16QAM	25	25	18.71	0.074	18.88	0.077	18.59	0.072
10	16QAM	50	0	18.68	0.074	18.71	0.074	18.74	0.075
10	64QAM	1	0	18.38	0.069	18.07	0.064	18.33	0.068
10	64QAM	1	25	18.36	0.069	18.03	0.064	18.03	0.064
10	64QAM	1	49	18.26	0.067	17.99	0.063	18.07	0.064
10	64QAM	25	0	18.03	0.064	18.03	0.064	18.03	0.064
10	64QAM	25	12	17.91	0.062	17.99	0.063	17.95	0.062
10	64QAM	25	25	18.03	0.064	17.73	0.059	18.07	0.064
10	64QAM	50	0	17.77	0.060	17.94	0.062	17.78	0.060

LTE Band 17				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23755		23790		23825	
Frequency (MHz)				706.5		710		713.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	19.31	0.085	19.48	0.089	19.50	0.089
5	QPSK	1	12	19.75	0.094	19.79	0.095	19.79	0.095
5	QPSK	1	24	19.63	0.092	19.57	0.091	19.59	0.091
5	QPSK	12	0	18.74	0.075	18.71	0.074	18.75	0.075
5	QPSK	12	7	18.85	0.077	18.89	0.077	18.90	0.078
5	QPSK	12	13	18.82	0.076	18.84	0.077	18.81	0.076
5	QPSK	25	0	18.83	0.076	18.72	0.074	18.76	0.075
5	16QAM	1	0	18.74	0.075	18.67	0.074	18.87	0.077
5	16QAM	1	12	18.79	0.076	18.71	0.074	18.77	0.075
5	16QAM	1	24	18.77	0.075	18.68	0.074	18.76	0.075
5	16QAM	12	0	18.70	0.074	18.75	0.075	18.73	0.075
5	16QAM	12	7	18.85	0.077	18.75	0.075	18.87	0.077
5	16QAM	12	13	18.81	0.076	18.80	0.076	18.80	0.076
5	16QAM	25	0	18.82	0.076	18.76	0.075	18.80	0.076
5	64QAM	1	0	17.87	0.061	17.98	0.063	17.81	0.060
5	64QAM	1	12	17.86	0.061	17.97	0.063	17.82	0.061
5	64QAM	1	24	17.87	0.061	17.87	0.061	17.87	0.061
5	64QAM	12	0	17.97	0.063	17.74	0.059	17.75	0.060
5	64QAM	12	7	17.84	0.061	17.77	0.060	17.91	0.062
5	64QAM	12	13	17.82	0.061	17.84	0.061	17.77	0.060
5	64QAM	25	0	17.78	0.060	17.82	0.061	17.83	0.061

LTE Band 18				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23965		23970		23975	
Frequency (MHz)				826.5		827		827.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	22.97	0.198	22.94	0.197	23.00	0.200
5	QPSK	1	12	22.97	0.198	23.04	0.201	22.96	0.198
5	QPSK	1	24	23.01	0.200	23.02	0.200	23.11	0.205
5	QPSK	12	0	21.95	0.157	21.97	0.157	22.13	0.163
5	QPSK	12	7	21.96	0.157	22.00	0.158	22.17	0.165
5	QPSK	12	13	22.04	0.160	21.98	0.158	22.18	0.165
5	QPSK	25	0	21.96	0.157	21.97	0.157	22.14	0.164
5	16QAM	1	0	22.45	0.176	22.13	0.163	22.21	0.166
5	16QAM	1	12	22.25	0.168	22.06	0.161	22.36	0.172
5	16QAM	1	24	21.93	0.156	22.19	0.166	22.13	0.163
5	16QAM	12	0	22.04	0.160	22.01	0.159	22.08	0.161
5	16QAM	12	7	21.95	0.157	22.10	0.162	22.25	0.168
5	16QAM	12	13	22.00	0.158	22.07	0.161	22.14	0.164
5	16QAM	25	0	21.95	0.157	21.92	0.156	22.09	0.162
5	64QAM	1	0	21.36	0.137	21.21	0.132	21.12	0.129
5	64QAM	1	12	21.60	0.145	21.23	0.133	21.28	0.134
5	64QAM	1	24	21.54	0.143	21.48	0.141	21.16	0.131
5	64QAM	12	0	21.45	0.140	21.45	0.140	21.11	0.129
5	64QAM	12	7	21.53	0.142	21.54	0.143	21.21	0.132
5	64QAM	12	13	21.61	0.145	21.42	0.139	21.20	0.132
5	64QAM	25	0	21.43	0.139	21.57	0.144	21.12	0.129

LTE Band19				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				/		24075		/	
Frequency (MHz)				/		837.5		/	
				/	/	dbm	W	/	/
15	QPSK	1	0	/	/	23.32	0.215	/	/
15	QPSK	1	37	/	/	23.22	0.210	/	/
15	QPSK	1	74	/	/	23.16	0.207	/	/
15	QPSK	36	0	/	/	22.31	0.170	/	/
15	QPSK	36	20	/	/	22.28	0.169	/	/
15	QPSK	36	39	/	/	22.23	0.167	/	/
15	QPSK	75	0	/	/	22.31	0.170	/	/
15	16QAM	1	0	/	/	22.29	0.169	/	/
15	16QAM	1	37	/	/	22.20	0.166	/	/
15	16QAM	1	74	/	/	22.31	0.170	/	/
15	16QAM	36	0	/	/	22.42	0.175	/	/
15	16QAM	36	20	/	/	22.22	0.167	/	/
15	16QAM	36	39	/	/	22.26	0.168	/	/
15	16QAM	75	0	/	/	22.24	0.167	/	/
15	64QAM	1	0	/	/	21.51	0.142	/	/
15	64QAM	1	37	/	/	21.42	0.139	/	/
15	64QAM	1	74	/	/	21.34	0.136	/	/
15	64QAM	36	0	/	/	21.55	0.143	/	/
15	64QAM	36	20	/	/	21.46	0.140	/	/
15	64QAM	36	39	/	/	21.34	0.136	/	/
15	64QAM	75	0	/	/	21.22	0.132	/	/

LTE Band19				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				24050		24075		24100	
Frequency (MHz)				835		837.5		840	
				dbm	W	dbm	W	dbm	W
10	QPSK	1	0	19.97	0.099	20.01	0.100	19.84	0.096
10	QPSK	1	25	19.85	0.097	19.96	0.099	19.84	0.096
10	QPSK	1	49	19.84	0.096	19.66	0.092	19.77	0.095
10	QPSK	25	0	19.01	0.080	19.03	0.080	19.03	0.080
10	QPSK	25	12	18.98	0.079	19.08	0.081	18.95	0.079
10	QPSK	25	25	19.13	0.082	18.95	0.079	19.04	0.080
10	QPSK	50	0	19.03	0.080	19.05	0.080	19.02	0.080
10	16QAM	1	0	18.99	0.079	19.10	0.081	19.15	0.082
10	16QAM	1	25	18.99	0.079	18.94	0.078	19.05	0.080
10	16QAM	1	49	19.03	0.080	19.00	0.079	19.06	0.081
10	16QAM	25	0	18.88	0.077	19.02	0.080	19.07	0.081
10	16QAM	25	12	18.94	0.078	18.82	0.076	18.83	0.076
10	16QAM	25	25	18.92	0.078	18.86	0.077	18.93	0.078
10	16QAM	50	0	18.84	0.077	18.95	0.079	18.91	0.078
10	64QAM	1	0	18.01	0.063	18.00	0.063	18.11	0.065
10	64QAM	1	12	18.09	0.064	18.11	0.065	18.19	0.066
10	64QAM	1	24	18.01	0.063	18.19	0.066	18.07	0.064
10	64QAM	12	0	18.05	0.064	18.09	0.064	18.00	0.063
10	64QAM	12	7	18.12	0.065	17.96	0.063	18.08	0.064
10	64QAM	12	13	18.07	0.064	17.99	0.063	18.07	0.064
10	64QAM	25	0	18.04	0.064	18.09	0.064	17.97	0.063

LTE Band19				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				24025		24075		24125	
Frequency (MHz)				832.5		837.5		842.5	
				dbm	W	dbm	W	dbm	W
5	QPSK	1	0	19.86	0.097	19.78	0.095	19.89	0.097
5	QPSK	1	12	19.95	0.099	19.92	0.098	19.92	0.098
5	QPSK	1	24	20.01	0.100	19.96	0.099	19.86	0.097
5	QPSK	12	0	18.92	0.078	18.95	0.079	18.95	0.079
5	QPSK	12	7	19.07	0.081	19.06	0.081	19.10	0.081
5	QPSK	12	13	19.06	0.081	19.08	0.081	18.98	0.079
5	QPSK	25	0	19.00	0.079	19.02	0.080	18.94	0.078
5	16QAM	1	0	18.87	0.077	18.94	0.078	19.09	0.081
5	16QAM	1	12	19.07	0.081	19.07	0.081	18.99	0.079
5	16QAM	1	24	19.02	0.080	19.10	0.081	19.10	0.081
5	16QAM	12	0	18.78	0.076	18.81	0.076	18.88	0.077
5	16QAM	12	7	18.97	0.079	18.99	0.079	18.91	0.078
5	16QAM	12	13	18.92	0.078	18.91	0.078	18.96	0.079
5	16QAM	25	0	18.81	0.076	18.92	0.078	18.85	0.077
5	64QAM	1	0	18.05	0.064	18.07	0.064	18.02	0.063
5	64QAM	1	12	17.98	0.063	18.19	0.066	18.09	0.064
5	64QAM	1	24	18.11	0.065	18.09	0.064	18.21	0.066
5	64QAM	12	0	17.88	0.061	17.97	0.063	18.07	0.064
5	64QAM	12	7	18.02	0.063	18.07	0.064	18.04	0.064
5	64QAM	12	13	18.11	0.065	17.98	0.063	17.91	0.062
5	64QAM	25	0	17.99	0.063	18.01	0.063	17.82	0.061

LTE Band26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26865		26915		26965	
Frequency (MHz)				831.5		836.5		841.5	
				dbm	W	dbm	W	dbm	W
15	QPSK	1	0	23.15	0.207	23.07	0.203	23.11	0.205
15	QPSK	1	37	22.77	0.189	22.96	0.198	22.84	0.192
15	QPSK	1	74	22.87	0.194	23.03	0.201	22.64	0.184
15	QPSK	36	0	22.24	0.167	22.16	0.164	22.18	0.165
15	QPSK	36	20	22.05	0.160	22.05	0.160	22.03	0.160
15	QPSK	36	39	21.99	0.158	22.10	0.162	21.99	0.158
15	QPSK	75	0	22.02	0.159	22.13	0.163	22.01	0.159
15	16QAM	1	0	22.14	0.164	22.29	0.169	22.13	0.163
15	16QAM	1	37	22.06	0.161	22.03	0.160	21.94	0.156
15	16QAM	1	74	22.36	0.172	22.59	0.182	22.00	0.158
15	16QAM	36	0	21.17	0.131	21.37	0.137	21.06	0.128
15	16QAM	36	20	21.12	0.129	21.30	0.135	21.15	0.130
15	16QAM	36	39	21.25	0.133	21.30	0.135	21.02	0.126
15	16QAM	75	0	21.02	0.126	21.29	0.135	21.01	0.126
15	64QAM	1	0	21.32	0.136	21.37	0.137	21.14	0.130
15	64QAM	1	37	21.14	0.130	21.40	0.138	21.13	0.130
15	64QAM	1	74	21.11	0.129	21.00	0.126	21.16	0.131
15	64QAM	36	0	21.04	0.127	21.60	0.145	21.15	0.130
15	64QAM	36	20	20.97	0.125	21.48	0.141	21.01	0.126
15	64QAM	36	39	21.03	0.127	21.48	0.141	21.04	0.127
15	64QAM	75	0	21.10	0.129	21.45	0.140	21.15	0.130

LTE Band26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26840		26915		26990	
Frequency (MHz)				829.0		836.5		844.0	
				dbm	W	dbm	W	dbm	W
10	QPSK	1	0	22.95	0.197	23.26	0.212	22.99	0.199
10	QPSK	1	25	22.84	0.192	22.79	0.190	22.88	0.194
10	QPSK	1	49	22.98	0.199	22.92	0.196	22.92	0.196
10	QPSK	25	0	22.02	0.159	22.03	0.160	22.10	0.162
10	QPSK	25	12	22.08	0.161	21.95	0.157	22.08	0.161
10	QPSK	25	25	22.06	0.161	21.95	0.157	22.06	0.161
10	QPSK	50	0	22.07	0.161	21.93	0.156	22.06	0.161
10	16QAM	1	0	22.27	0.169	22.50	0.178	22.21	0.166
10	16QAM	1	25	22.18	0.165	22.17	0.165	22.15	0.164
10	16QAM	1	49	22.31	0.170	22.23	0.167	22.05	0.160
10	16QAM	25	0	21.49	0.141	21.59	0.144	21.55	0.143
10	16QAM	25	12	21.55	0.143	21.59	0.144	21.67	0.147
10	16QAM	25	25	21.59	0.144	21.56	0.143	21.66	0.147
10	16QAM	50	0	21.51	0.142	21.38	0.137	21.06	0.128
10	64QAM	1	0	21.34	0.136	21.08	0.128	21.16	0.131
10	64QAM	1	25	21.00	0.126	21.10	0.129	21.25	0.133
10	64QAM	1	49	21.28	0.134	21.02	0.126	21.22	0.132
10	64QAM	25	0	21.20	0.132	21.14	0.130	21.18	0.131
10	64QAM	25	12	21.35	0.136	21.21	0.132	21.11	0.129
10	64QAM	25	25	21.13	0.130	21.16	0.131	21.02	0.126
10	64QAM	50	0	21.20	0.132	21.06	0.128	21.03	0.127

LTE Band26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26815		26915		27015	
Frequency (MHz)				826.5		836.5		846.5	
				dbm	W	dbm	W	dbm	W
5	QPSK	1	0	22.96	0.198	22.86	0.193	22.77	0.189
5	QPSK	1	12	22.91	0.195	23.06	0.202	23.02	0.200
5	QPSK	1	24	22.98	0.199	22.85	0.193	22.93	0.196
5	QPSK	12	0	21.97	0.157	21.99	0.158	21.83	0.152
5	QPSK	12	7	22.02	0.159	21.98	0.158	21.91	0.155
5	QPSK	12	13	22.01	0.159	21.97	0.157	22.00	0.158
5	QPSK	25	0	22.00	0.158	22.00	0.158	21.91	0.155
5	16QAM	1	0	22.23	0.167	22.14	0.164	22.18	0.165
5	16QAM	1	12	22.45	0.176	22.15	0.164	22.03	0.160
5	16QAM	1	24	22.11	0.163	22.28	0.169	21.85	0.153
5	16QAM	12	0	21.63	0.146	21.62	0.145	21.38	0.137
5	16QAM	12	7	21.66	0.147	21.57	0.144	21.43	0.139
5	16QAM	12	13	21.54	0.143	21.63	0.146	21.53	0.142
5	16QAM	25	0	21.54	0.143	21.44	0.139	21.42	0.139
5	64QAM	1	0	21.36	0.137	21.39	0.138	21.12	0.129
5	64QAM	1	12	21.37	0.137	21.28	0.134	21.09	0.129
5	64QAM	1	24	21.27	0.134	21.45	0.140	21.19	0.132
5	64QAM	12	0	21.23	0.133	21.26	0.134	21.13	0.130
5	64QAM	12	7	21.23	0.133	21.14	0.130	21.23	0.133
5	64QAM	12	13	21.26	0.134	21.26	0.134	21.14	0.130
5	64QAM	25	0	21.33	0.136	21.21	0.132	21.21	0.132

LTE Band26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26805		26915		27025	
Frequency (MHz)				825.5		836.5		847.5	
				dbm	W	dbm	W	dbm	W
3	QPSK	1	0	22.84	0.192	22.80	0.191	22.78	0.190
3	QPSK	1	8	22.93	0.196	23.00	0.200	22.78	0.190
3	QPSK	1	14	22.87	0.194	22.99	0.199	22.87	0.194
3	QPSK	8	0	22.00	0.158	22.03	0.160	22.23	0.167
3	QPSK	8	4	22.03	0.160	21.98	0.158	22.30	0.170
3	QPSK	8	7	21.96	0.157	22.01	0.159	22.24	0.167
3	QPSK	15	0	21.99	0.158	22.00	0.158	21.83	0.152
3	16QAM	1	0	21.91	0.155	22.00	0.158	22.29	0.169
3	16QAM	1	8	22.56	0.180	22.27	0.169	22.36	0.172
3	16QAM	1	14	22.49	0.177	22.60	0.182	22.31	0.170
3	16QAM	8	0	21.23	0.133	21.25	0.133	21.15	0.130
3	16QAM	8	4	21.25	0.133	21.25	0.133	21.27	0.134
3	16QAM	8	7	21.24	0.133	21.13	0.130	21.28	0.134
3	16QAM	15	0	21.23	0.133	21.12	0.129	21.22	0.132
3	64QAM	1	0	21.35	0.136	21.33	0.136	21.57	0.144
3	64QAM	1	8	21.74	0.149	21.21	0.132	21.56	0.143
3	64QAM	1	14	21.69	0.148	21.38	0.137	21.49	0.141
3	64QAM	8	0	21.16	0.131	21.30	0.135	21.27	0.134
3	64QAM	8	4	21.49	0.141	21.20	0.132	21.19	0.132
3	64QAM	8	7	21.23	0.133	21.28	0.134	21.26	0.134
3	64QAM	15	0	21.41	0.138	21.17	0.131	21.25	0.133

LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26797		26915		27033	
Frequency (MHz)				824.7		836.5		848.3	
				dbm	W	dbm	W	dbm	W
1.4	QPSK	1	0	22.76	0.189	22.78	0.190	22.77	0.189
1.4	QPSK	1	3	22.90	0.195	22.87	0.194	22.77	0.189
1.4	QPSK	1	5	22.80	0.191	22.83	0.192	22.86	0.193
1.4	QPSK	3	0	22.46	0.176	22.43	0.175	22.22	0.167
1.4	QPSK	3	1	22.49	0.177	22.40	0.174	22.29	0.169
1.4	QPSK	3	3	22.42	0.175	22.41	0.174	22.23	0.167
1.4	QPSK	6	0	21.97	0.157	21.93	0.156	22.13	0.163
1.4	16QAM	1	0	21.91	0.155	21.99	0.158	22.28	0.169
1.4	16QAM	1	3	22.47	0.177	21.98	0.158	22.35	0.172
1.4	16QAM	1	5	22.54	0.179	22.48	0.177	22.30	0.170
1.4	16QAM	3	0	21.48	0.141	21.46	0.140	21.14	0.130
1.4	16QAM	3	1	21.48	0.141	21.30	0.135	21.26	0.134
1.4	16QAM	3	3	21.45	0.140	21.56	0.143	21.27	0.134
1.4	16QAM	6	0	21.64	0.146	21.53	0.142	21.21	0.132
1.4	64QAM	1	0	21.23	0.133	20.97	0.125	20.91	0.123
1.4	64QAM	1	3	21.05	0.127	20.78	0.120	20.96	0.125
1.4	64QAM	1	5	20.96	0.125	21.23	0.133	20.92	0.124
1.4	64QAM	3	0	21.52	0.142	21.54	0.143	21.26	0.134
1.4	64QAM	3	1	21.67	0.147	21.56	0.143	21.18	0.131
1.4	64QAM	3	3	21.22	0.132	20.99	0.126	20.87	0.122
1.4	64QAM	6	0	21.47	0.140	21.50	0.141	21.24	0.133

LTE Band 38				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				37850		38000		38150	
Frequency (MHz)				2580		2595		2610	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	22.61	0.182	22.77	0.189	22.72	0.187
20	QPSK	1	49	22.60	0.182	22.67	0.185	22.65	0.184
20	QPSK	1	99	22.56	0.180	22.54	0.179	22.54	0.179
20	QPSK	50	0	21.48	0.141	21.54	0.143	21.41	0.138
20	QPSK	50	24	21.44	0.139	21.51	0.142	21.51	0.142
20	QPSK	50	50	21.51	0.142	21.36	0.137	21.35	0.136
20	QPSK	100	0	21.48	0.141	21.58	0.144	21.54	0.143
20	16QAM	1	0	21.59	0.144	21.68	0.147	21.59	0.144
20	16QAM	1	49	21.55	0.143	21.54	0.143	21.68	0.147
20	16QAM	1	99	21.65	0.146	21.61	0.145	21.57	0.144
20	16QAM	50	0	21.19	0.132	21.12	0.129	21.29	0.135
20	16QAM	50	24	21.22	0.132	21.22	0.132	21.22	0.132
20	16QAM	50	50	21.26	0.134	21.19	0.132	21.18	0.131
20	16QAM	100	0	21.00	0.126	21.16	0.131	21.01	0.126
20	64QAM	1	0	20.90	0.123	20.90	0.123	21.01	0.126
20	64QAM	1	49	21.02	0.126	21.02	0.126	20.94	0.124
20	64QAM	1	99	20.90	0.123	20.87	0.122	21.01	0.126
20	64QAM	50	0	20.81	0.121	20.84	0.121	20.80	0.120
20	64QAM	50	24	20.79	0.120	20.84	0.121	20.85	0.122
20	64QAM	50	50	20.76	0.119	20.86	0.122	20.71	0.118
20	64QAM	100	0	20.88	0.122	20.88	0.122	20.80	0.120

LTE Band 38				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				37825		38000		38175	
Frequency (MHz)				2577.5		2595		2612.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	22.63	0.183	22.72	0.187	22.71	0.187
15	QPSK	1	37	22.73	0.187	22.65	0.184	22.74	0.188
15	QPSK	1	74	22.56	0.180	22.59	0.182	22.64	0.184
15	QPSK	36	0	21.49	0.141	21.49	0.141	21.45	0.140
15	QPSK	36	20	21.51	0.142	21.55	0.143	21.55	0.143
15	QPSK	36	39	21.35	0.136	21.58	0.144	21.49	0.141
15	QPSK	75	0	21.47	0.140	21.60	0.145	21.50	0.141
15	16QAM	1	0	21.59	0.144	21.66	0.147	21.58	0.144
15	16QAM	1	37	21.69	0.148	21.53	0.142	21.58	0.144
15	16QAM	1	74	21.55	0.143	21.48	0.141	21.52	0.142
15	16QAM	36	0	21.22	0.132	21.11	0.129	21.33	0.136
15	16QAM	36	20	21.32	0.136	21.31	0.135	21.37	0.137
15	16QAM	36	39	21.33	0.136	21.39	0.138	21.36	0.137
15	16QAM	75	0	21.34	0.136	21.42	0.139	21.23	0.133
15	64QAM	1	0	20.64	0.116	20.58	0.114	20.66	0.116
15	64QAM	1	37	20.89	0.123	20.62	0.115	20.72	0.118
15	64QAM	1	74	20.99	0.126	20.69	0.117	20.89	0.123
15	64QAM	36	0	20.84	0.121	20.98	0.125	20.88	0.122
15	64QAM	36	20	20.86	0.122	20.93	0.124	20.88	0.122
15	64QAM	36	39	20.96	0.125	20.96	0.125	20.83	0.121
15	64QAM	75	0	20.89	0.123	20.85	0.122	20.87	0.122

LTE Band 38				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				37800		38000		38200	
Frequency (MHz)				2575		2595		2615	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	22.40	0.174	22.60	0.182	22.44	0.175
10	QPSK	1	25	22.35	0.172	22.47	0.177	22.45	0.176
10	QPSK	1	49	22.33	0.171	22.48	0.177	22.46	0.176
10	QPSK	25	0	21.34	0.136	21.48	0.141	21.35	0.136
10	QPSK	25	12	21.35	0.136	21.41	0.138	21.35	0.136
10	QPSK	25	25	21.36	0.137	21.46	0.140	21.39	0.138
10	QPSK	50	0	21.35	0.136	21.40	0.138	21.36	0.137
10	16QAM	1	0	21.31	0.135	21.47	0.140	21.44	0.139
10	16QAM	1	25	21.37	0.137	21.54	0.143	21.41	0.138
10	16QAM	1	49	21.34	0.136	21.42	0.139	21.46	0.140
10	16QAM	25	0	21.18	0.131	21.19	0.132	21.27	0.134
10	16QAM	25	12	21.17	0.131	21.17	0.131	21.14	0.130
10	16QAM	25	25	21.17	0.131	21.23	0.133	21.23	0.133
10	16QAM	50	0	20.92	0.124	20.66	0.116	20.67	0.117
10	64QAM	1	0	20.65	0.116	20.64	0.116	20.54	0.113
10	64QAM	1	25	20.55	0.114	20.24	0.106	20.57	0.114
10	64QAM	1	49	20.55	0.114	20.56	0.114	20.62	0.115
10	64QAM	25	0	20.62	0.115	20.72	0.118	20.59	0.115
10	64QAM	25	12	20.74	0.119	20.70	0.117	20.65	0.116
10	64QAM	25	25	20.65	0.116	20.65	0.116	20.68	0.117
10	64QAM	50	0	20.68	0.117	20.73	0.118	20.74	0.119

LTE Band 38				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				37775		38000		38225	
Frequency (MHz)				2572.5		2595		2617.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	22.25	0.168	22.55	0.180	22.47	0.177
5	QPSK	1	12	22.42	0.175	22.67	0.185	22.55	0.180
5	QPSK	1	24	22.49	0.177	22.56	0.180	22.44	0.175
5	QPSK	12	0	21.28	0.134	21.34	0.136	21.33	0.136
5	QPSK	12	7	21.37	0.137	21.52	0.142	21.43	0.139
5	QPSK	12	13	21.33	0.136	21.41	0.138	21.43	0.139
5	QPSK	25	0	21.40	0.138	21.29	0.135	21.26	0.134
5	16QAM	1	0	21.36	0.137	21.47	0.140	21.40	0.138
5	16QAM	1	12	21.51	0.142	21.64	0.146	21.47	0.140
5	16QAM	1	24	21.45	0.140	21.50	0.141	21.46	0.140
5	16QAM	12	0	21.03	0.127	21.02	0.126	21.06	0.128
5	16QAM	12	7	21.08	0.128	21.14	0.130	21.16	0.131
5	16QAM	12	13	21.07	0.128	21.11	0.129	21.11	0.129
5	16QAM	25	0	21.02	0.126	21.02	0.126	21.05	0.127
5	64QAM	1	0	20.65	0.116	20.63	0.116	20.58	0.114
5	64QAM	1	12	20.66	0.116	20.72	0.118	20.69	0.117
5	64QAM	1	24	20.59	0.115	20.59	0.115	20.66	0.116
5	64QAM	12	0	20.60	0.115	20.59	0.115	20.73	0.118
5	64QAM	12	7	20.66	0.116	20.78	0.120	20.74	0.119
5	64QAM	12	13	20.70	0.117	20.80	0.120	20.73	0.118
5	64QAM	25	0	20.68	0.117	20.64	0.116	20.63	0.177

LTE Band 40, Block A				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				/		38750		/	
Frequency (MHz)				/		2310		/	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	/	/	22.79	0.190	/	/
10	QPSK	1	25	/	/	22.73	0.187	/	/
10	QPSK	1	49	/	/	22.55	0.180	/	/
10	QPSK	25	0	/	/	21.91	0.155	/	/
10	QPSK	25	12	/	/	21.81	0.152	/	/
10	QPSK	25	25	/	/	21.82	0.152	/	/
10	QPSK	50	0	/	/	21.84	0.153	/	/
10	16QAM	1	0	/	/	21.72	0.149	/	/
10	16QAM	1	25	/	/	21.90	0.155	/	/
10	16QAM	1	49	/	/	21.76	0.150	/	/
10	16QAM	25	0	/	/	20.93	0.124	/	/
10	16QAM	25	12	/	/	20.91	0.123	/	/
10	16QAM	25	25	/	/	20.86	0.122	/	/
10	16QAM	50	0	/	/	20.94	0.124	/	/
10	64QAM	1	0	/	/	20.62	0.115	/	/
10	64QAM	1	25	/	/	20.63	0.116	/	/
10	64QAM	1	49	/	/	20.82	0.121	/	/
10	64QAM	25	0	/	/	20.76	0.119	/	/
10	64QAM	25	12	/	/	20.72	0.118	/	/
10	64QAM	25	25	/	/	20.69	0.117	/	/
10	64QAM	50	0	/	/	20.59	0.115	/	/

LTE Band 40, Block A				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				38725		38750		38775	
Frequency (MHz)				2307.5		2310		2312.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	22.86	0.193	22.93	0.196	22.95	0.197
5	QPSK	1	12	22.87	0.194	22.98	0.199	22.86	0.193
5	QPSK	1	24	22.83	0.192	22.91	0.195	22.90	0.195
5	QPSK	12	0	22.06	0.161	22.13	0.163	22.10	0.162
5	QPSK	12	7	22.13	0.163	22.21	0.166	22.27	0.169
5	QPSK	12	13	22.07	0.161	22.16	0.164	22.22	0.167
5	QPSK	25	0	22.13	0.163	22.16	0.164	22.19	0.166
5	16QAM	1	0	22.21	0.166	22.33	0.171	22.25	0.168
5	16QAM	1	12	22.20	0.166	22.26	0.168	22.33	0.171
5	16QAM	1	24	22.03	0.160	22.13	0.163	22.14	0.164
5	16QAM	12	0	21.15	0.130	21.22	0.132	21.21	0.132
5	16QAM	12	7	21.18	0.131	21.25	0.133	21.22	0.132
5	16QAM	12	13	21.19	0.132	21.25	0.133	21.26	0.134
5	16QAM	25	0	21.27	0.134	21.18	0.131	21.26	0.134
5	64QAM	1	0	21.06	0.128	21.08	0.128	20.87	0.122
5	64QAM	1	12	20.97	0.125	21.08	0.128	20.89	0.123
5	64QAM	1	24	21.08	0.128	20.82	0.121	20.87	0.122
5	64QAM	12	0	21.13	0.130	20.89	0.123	20.88	0.122
5	64QAM	12	7	21.13	0.130	21.19	0.132	21.18	0.131
5	64QAM	12	13	21.13	0.130	21.14	0.130	21.12	0.129
5	64QAM	25	0	21.18	0.131	21.21	0.132	21.19	0.132

LTE Band 40, Block B				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				/		39200		/	
Frequency (MHz)				/		2355		/	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	/	/	22.75	0.188	/	/
10	QPSK	1	25	/	/	22.66	0.185	/	/
10	QPSK	1	49	/	/	22.69	0.186	/	/
10	QPSK	25	0	/	/	21.88	0.154	/	/
10	QPSK	25	12	/	/	21.85	0.153	/	/
10	QPSK	25	25	/	/	21.77	0.150	/	/
10	QPSK	50	0	/	/	21.85	0.153	/	/
10	16QAM	1	0	/	/	21.62	0.145	/	/
10	16QAM	1	25	/	/	21.66	0.147	/	/
10	16QAM	1	49	/	/	21.76	0.150	/	/
10	16QAM	25	0	/	/	20.66	0.116	/	/
10	16QAM	25	12	/	/	20.88	0.122	/	/
10	16QAM	25	25	/	/	20.76	0.119	/	/
10	16QAM	50	0	/	/	20.62	0.115	/	/
10	64QAM	1	0	/	/	20.81	0.121	/	/
10	64QAM	1	25	/	/	20.64	0.116	/	/
10	64QAM	1	49	/	/	20.69	0.117	/	/
10	64QAM	25	0	/	/	20.83	0.121	/	/
10	64QAM	25	12	/	/	20.66	0.116	/	/
10	64QAM	25	25	/	/	20.67	0.117	/	/
10	64QAM	50	0	/	/	20.65	0.116	/	/

LTE Band 40, Block B				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39175		39200		39225	
Frequency (MHz)				2352.5		2355		2357.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	23.03	0.201	23.00	0.200	23.06	0.202
5	QPSK	1	12	23.04	0.201	22.95	0.197	23.08	0.203
5	QPSK	1	24	22.80	0.191	22.96	0.198	22.95	0.197
5	QPSK	12	0	22.12	0.163	22.25	0.168	22.29	0.169
5	QPSK	12	7	22.19	0.166	22.17	0.165	22.22	0.167
5	QPSK	12	13	22.13	0.163	22.14	0.164	22.21	0.166
5	QPSK	25	0	22.14	0.164	22.15	0.164	22.20	0.166
5	16QAM	1	0	22.23	0.167	22.25	0.168	22.32	0.171
5	16QAM	1	12	22.28	0.169	22.26	0.168	22.23	0.167
5	16QAM	1	24	22.13	0.163	22.19	0.166	22.17	0.165
5	16QAM	12	0	20.86	0.122	21.06	0.128	20.87	0.122
5	16QAM	12	7	20.84	0.121	21.05	0.127	20.91	0.123
5	16QAM	12	13	21.16	0.131	21.19	0.132	20.89	0.123
5	16QAM	25	0	20.94	0.124	21.05	0.127	21.09	0.129
5	64QAM	1	0	21.09	0.129	21.17	0.131	21.05	0.127
5	64QAM	1	12	21.19	0.132	21.09	0.129	21.02	0.126
5	64QAM	1	24	20.82	0.121	21.16	0.131	21.19	0.132
5	64QAM	12	0	20.84	0.121	20.95	0.124	20.88	0.122
5	64QAM	12	7	20.88	0.122	20.68	0.117	20.87	0.122
5	64QAM	12	13	20.88	0.122	20.75	0.119	21.16	0.131
5	64QAM	25	0	21.14	0.130	21.12	0.129	20.87	0.122

LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				132072		132322		132572	
Frequency (MHz)				1720		1745		1770	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	22.47	0.177	22.82	0.191	22.79	0.190
20	QPSK	1	49	22.49	0.177	22.46	0.176	22.54	0.179
20	QPSK	1	99	22.40	0.174	22.56	0.180	22.33	0.171
20	QPSK	50	0	21.82	0.152	21.94	0.156	21.78	0.151
20	QPSK	50	24	21.92	0.156	21.74	0.149	21.72	0.149
20	QPSK	50	50	21.82	0.152	21.68	0.147	21.68	0.147
20	QPSK	100	0	21.60	0.145	21.71	0.148	21.70	0.148
20	16QAM	1	0	21.80	0.151	21.83	0.152	21.82	0.152
20	16QAM	1	49	21.79	0.151	21.75	0.150	21.63	0.146
20	16QAM	1	99	21.75	0.150	22.05	0.160	21.69	0.148
20	16QAM	50	0	20.71	0.118	20.66	0.116	20.75	0.119
20	16QAM	50	24	20.94	0.124	20.81	0.121	21.02	0.126
20	16QAM	50	50	21.03	0.127	21.04	0.127	20.92	0.124
20	16QAM	100	0	20.92	0.124	20.86	0.122	21.04	0.127
20	64QAM	1	0	21.05	0.127	21.09	0.129	20.96	0.125
20	64QAM	1	49	20.92	0.124	20.92	0.124	20.92	0.124
20	64QAM	1	99	20.92	0.124	21.06	0.128	21.12	0.129
20	64QAM	50	0	20.67	0.117	20.73	0.118	20.73	0.118
20	64QAM	50	24	20.65	0.116	20.66	0.116	20.70	0.117
20	64QAM	50	50	20.69	0.117	20.72	0.118	20.73	0.118
20	64QAM	100	0	20.71	0.118	20.79	0.120	20.84	0.121

LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				132047		132322		132597	
Frequency (MHz)				1717.5		1745		1772.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	22.56	0.180	22.68	0.185	22.68	0.185
15	QPSK	1	37	22.64	0.184	22.37	0.173	22.57	0.181
15	QPSK	1	74	22.40	0.174	22.58	0.181	22.61	0.182
15	QPSK	36	0	21.62	0.145	21.70	0.148	21.79	0.151
15	QPSK	36	20	21.69	0.148	21.68	0.147	21.77	0.150
15	QPSK	36	39	21.61	0.145	21.77	0.150	21.75	0.150
15	QPSK	75	0	21.68	0.147	21.65	0.146	21.75	0.150
15	16QAM	1	0	21.75	0.150	22.11	0.163	21.90	0.155
15	16QAM	1	37	21.64	0.146	21.96	0.157	21.84	0.153
15	16QAM	1	74	21.52	0.142	21.73	0.149	22.14	0.164
15	16QAM	36	0	20.65	0.116	20.77	0.119	20.82	0.121
15	16QAM	36	20	20.60	0.115	20.71	0.118	20.80	0.120
15	16QAM	36	39	20.70	0.117	20.82	0.121	20.72	0.118
15	16QAM	75	0	20.69	0.117	20.73	0.118	20.75	0.119
15	64QAM	1	0	20.92	0.124	21.02	0.126	20.95	0.124
15	64QAM	1	37	21.12	0.129	21.22	0.132	21.04	0.127
15	64QAM	1	74	20.92	0.124	21.14	0.130	20.96	0.125
15	64QAM	36	0	20.86	0.122	21.05	0.127	20.92	0.124
15	64QAM	36	20	20.70	0.117	20.81	0.121	20.71	0.118
15	64QAM	36	39	20.61	0.115	20.72	0.118	20.72	0.118
15	64QAM	75	0	20.54	0.113	20.68	0.117	20.67	0.117

LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				132022		132322		132622	
Frequency (MHz)				1715		1745		1775	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	22.22	0.167	22.36	0.172	22.46	0.176
10	QPSK	1	25	22.52	0.179	22.46	0.176	22.71	0.187
10	QPSK	1	49	22.49	0.177	22.50	0.178	22.62	0.183
10	QPSK	25	0	21.41	0.138	21.52	0.142	21.52	0.142
10	QPSK	25	12	21.52	0.142	21.60	0.145	21.60	0.145
10	QPSK	25	25	21.59	0.144	21.66	0.147	21.69	0.148
10	QPSK	50	0	21.47	0.140	21.57	0.144	21.60	0.145
10	16QAM	1	0	21.95	0.157	21.66	0.147	21.78	0.151
10	16QAM	1	25	21.59	0.144	21.93	0.156	21.72	0.149
10	16QAM	1	49	21.69	0.148	21.53	0.142	21.42	0.139
10	16QAM	25	0	21.22	0.132	21.22	0.132	21.36	0.137
10	16QAM	25	12	21.23	0.133	21.04	0.127	20.82	0.121
10	16QAM	25	25	21.32	0.136	20.96	0.125	20.70	0.117
10	16QAM	50	0	21.22	0.132	21.03	0.127	20.82	0.121
10	64QAM	1	0	21.02	0.126	20.96	0.125	20.82	0.121
10	64QAM	1	25	21.09	0.129	21.03	0.127	20.92	0.124
10	64QAM	1	49	21.23	0.133	21.33	0.136	21.22	0.132
10	64QAM	25	0	20.51	0.112	20.41	0.110	20.51	0.112
10	64QAM	25	12	20.59	0.115	20.58	0.114	20.61	0.115
10	64QAM	25	25	20.59	0.115	20.54	0.113	20.52	0.113
10	64QAM	50	0	20.49	0.112	20.64	0.116	20.59	0.115

LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				131997		132322		132647	
Frequency (MHz)				1712.5		1745		1777.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	22.22	0.167	22.36	0.172	22.46	0.176
5	QPSK	1	12	22.52	0.179	22.46	0.176	22.71	0.187
5	QPSK	1	24	22.49	0.177	22.50	0.178	22.62	0.183
5	QPSK	12	0	21.41	0.138	21.52	0.142	21.52	0.142
5	QPSK	12	7	21.52	0.142	21.60	0.145	21.60	0.145
5	QPSK	12	13	21.59	0.144	21.66	0.147	21.69	0.148
5	QPSK	25	0	21.47	0.140	21.57	0.144	21.60	0.145
5	16QAM	1	0	21.59	0.144	21.32	0.136	21.56	0.143
5	16QAM	1	12	21.65	0.146	21.58	0.144	21.72	0.149
5	16QAM	1	24	21.65	0.146	21.53	0.142	21.82	0.152
5	16QAM	12	0	21.25	0.133	20.82	0.121	20.92	0.124
5	16QAM	12	7	20.86	0.122	20.84	0.121	20.83	0.121
5	16QAM	12	13	20.82	0.121	20.89	0.123	20.93	0.124
5	16QAM	25	0	20.79	0.120	20.82	0.121	20.82	0.121
5	64QAM	1	0	20.82	0.121	20.81	0.121	20.92	0.124
5	64QAM	1	12	20.72	0.118	20.79	0.120	20.76	0.119
5	64QAM	1	24	20.76	0.119	20.62	0.115	20.69	0.117
5	64QAM	12	0	20.51	0.112	20.41	0.110	20.51	0.112
5	64QAM	12	7	20.59	0.115	20.58	0.114	20.61	0.115
5	64QAM	12	13	20.59	0.115	20.54	0.113	20.52	0.113
5	64QAM	25	0	20.49	0.112	20.64	0.116	20.59	0.115

LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				131987		132322		132657	
Frequency (MHz)				1711.5		1745		1778.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	22.37	0.173	22.49	0.177	22.49	0.177
3	QPSK	1	8	22.45	0.176	22.18	0.165	22.38	0.173
3	QPSK	1	14	22.21	0.166	22.39	0.173	22.42	0.175
3	QPSK	8	0	21.43	0.139	21.51	0.142	21.60	0.145
3	QPSK	8	4	21.50	0.141	21.49	0.141	21.58	0.144
3	QPSK	8	7	21.42	0.139	21.58	0.144	21.56	0.143
3	QPSK	15	0	21.49	0.141	21.46	0.140	21.56	0.143
3	16QAM	1	0	21.56	0.143	21.92	0.156	21.71	0.148
3	16QAM	1	8	21.45	0.140	21.77	0.150	21.65	0.146
3	16QAM	1	14	21.33	0.136	21.54	0.143	21.95	0.157
3	16QAM	8	0	20.46	0.111	20.58	0.114	20.63	0.116
3	16QAM	8	4	20.41	0.110	20.52	0.113	20.61	0.115
3	16QAM	8	7	20.51	0.112	20.63	0.116	20.53	0.113
3	16QAM	15	0	20.50	0.112	20.54	0.113	20.56	0.114
3	64QAM	1	0	20.73	0.118	20.83	0.121	20.76	0.119
3	64QAM	1	8	20.93	0.124	21.03	0.127	20.85	0.122
3	64QAM	1	14	20.73	0.118	20.95	0.124	20.77	0.119
3	64QAM	8	0	20.67	0.117	20.86	0.122	20.73	0.118
3	64QAM	8	4	20.51	0.112	20.62	0.115	20.52	0.113
3	64QAM	8	7	20.42	0.110	20.53	0.113	20.53	0.113
3	64QAM	15	0	20.35	0.108	20.49	0.112	20.48	0.112

LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				131979		132322		132665	
Frequency (MHz)				1710.7		1745		1779.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	21.99	0.158	22.13	0.163	22.23	0.167
1.4	QPSK	1	3	22.29	0.169	22.23	0.167	22.48	0.177
1.4	QPSK	1	5	22.26	0.168	22.27	0.169	22.39	0.173
1.4	QPSK	3	0	21.84	0.153	21.95	0.157	21.95	0.157
1.4	QPSK	3	1	21.95	0.157	22.03	0.160	22.03	0.160
1.4	QPSK	3	3	22.02	0.159	22.09	0.162	22.12	0.163
1.4	QPSK	6	0	21.24	0.133	21.34	0.136	21.37	0.137
1.4	16QAM	1	0	21.72	0.149	21.43	0.139	21.55	0.143
1.4	16QAM	1	3	21.36	0.137	21.70	0.148	21.49	0.141
1.4	16QAM	1	5	21.46	0.140	21.30	0.135	21.19	0.132
1.4	16QAM	3	0	20.99	0.126	20.99	0.126	21.13	0.130
1.4	16QAM	3	1	21.00	0.126	20.81	0.121	20.59	0.115
1.4	16QAM	3	3	21.09	0.129	20.73	0.118	20.47	0.111
1.4	16QAM	6	0	20.99	0.126	20.80	0.120	20.59	0.115
1.4	64QAM	1	0	20.79	0.120	20.73	0.118	20.59	0.115
1.4	64QAM	1	3	20.86	0.122	20.80	0.120	20.69	0.117
1.4	64QAM	1	5	21.00	0.126	21.10	0.129	20.99	0.126
1.4	64QAM	3	0	20.28	0.107	20.18	0.104	20.28	0.107
1.4	64QAM	3	1	20.36	0.109	20.35	0.108	20.38	0.109
1.4	64QAM	3	3	20.36	0.109	20.31	0.107	20.29	0.107
1.4	64QAM	6	0	20.26	0.106	20.41	0.110	20.36	0.109

2.2. Occupied Bandwidth

2.2.1. Requirement

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

2.2.2. Test Description

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

2.2.3. Test Procedure

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

2.2.4. Test Result

LTE Band 2				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.09	1.23
	Low	16QAM	1.10	1.23
	Low	64QAM	1.09	1.24
	Mid	QPSK	1.09	1.24
	Mid	16QAM	1.09	1.24
	Mid	64QAM	1.09	1.24
	High	QPSK	1.10	1.23
	High	16QAM	1.10	1.24
	High	64QAM	1.09	1.24
3	Low	QPSK	2.70	3.00
	Low	16QAM	2.70	3.00
	Low	64QAM	2.70	3.02
	Mid	QPSK	2.70	2.99
	Mid	16QAM	2.70	2.98
	Mid	64QAM	2.70	3.00
	High	QPSK	2.70	2.99
	High	16QAM	2.70	3.00
	High	64QAM	2.71	3.01
5	Low	QPSK	4.50	4.97
	Low	16QAM	4.50	4.97
	Low	64QAM	4.50	4.96
	Mid	QPSK	4.50	5.00
	Mid	16QAM	4.50	4.97
	Mid	64QAM	4.50	4.95
	High	QPSK	4.50	4.96
	High	16QAM	4.50	4.93
	High	64QAM	4.49	4.92
10	Low	QPSK	8.97	9.84
	Low	16QAM	8.95	9.82
	Low	64QAM	8.98	9.77
	Mid	QPSK	8.99	9.80
	Mid	16QAM	8.96	9.70
	Mid	64QAM	8.98	9.75
	High	QPSK	8.98	9.77
	High	16QAM	8.95	9.78
	High	64QAM	8.95	9.77

15	Low	QPSK	13.47	14.67
	Low	16QAM	13.47	14.70
	Low	64QAM	13.45	14.70
	Mid	QPSK	13.46	14.68
	Mid	16QAM	13.47	14.57
	Mid	64QAM	13.46	14.55
	High	QPSK	13.47	14.63
	High	16QAM	13.44	14.63
	High	64QAM	13.44	14.62
20	Low	QPSK	17.96	19.57
	Low	16QAM	17.96	19.42
	Low	64QAM	17.93	19.62
	Mid	QPSK	17.95	19.38
	Mid	16QAM	17.94	19.56
	Mid	64QAM	17.95	19.45
	High	QPSK	17.92	19.44
	High	16QAM	17.95	19.53
	High	64QAM	17.93	19.47

LTE Band 4				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.09	1.23
	Low	16QAM	1.10	1.23
	Low	64QAM	1.09	1.24
	Mid	QPSK	1.10	1.24
	Mid	16QAM	1.10	1.23
	Mid	64QAM	1.09	1.24
	High	QPSK	1.09	1.24
	High	16QAM	1.10	1.24
	High	64QAM	1.09	1.24
3	Low	QPSK	2.70	3.00
	Low	16QAM	2.70	3.01
	Low	64QAM	2.71	3.02
	Mid	QPSK	2.70	3.00
	Mid	16QAM	2.70	3.00
	Mid	64QAM	2.71	3.00
	High	QPSK	2.70	3.00
	High	16QAM	2.70	3.00
	High	64QAM	2.71	3.0
5	Low	QPSK	4.50	4.99
	Low	16QAM	4.50	4.98
	Low	64QAM	4.50	4.94
	Mid	QPSK	4.50	4.98
	Mid	16QAM	4.50	4.96
	Mid	64QAM	4.49	4.97
	High	QPSK	4.50	4.97
	High	16QAM	4.50	5.00
	High	64QAM	4.50	4.94
10	Low	QPSK	8.99	9.79
	Low	16QAM	8.94	9.77
	Low	64QAM	8.97	9.80
	Mid	QPSK	8.98	9.73
	Mid	16QAM	8.95	9.76
	Mid	64QAM	8.99	9.80
	High	QPSK	9.00	9.81
	High	16QAM	8.96	9.79
	High	64QAM	8.96	9.72

15	Low	QPSK	13.44	14.67
	Low	16QAM	13.45	14.66
	Low	64QAM	13.44	14.64
	Mid	QPSK	13.49	14.65
	Mid	16QAM	13.46	14.66
	Mid	64QAM	13.45	14.69
	High	QPSK	13.47	14.67
	High	16QAM	13.45	14.74
	High	64QAM	13.46	14.61
20	Low	QPSK	17.89	19.57
	Low	16QAM	17.94	19.48
	Low	64QAM	17.90	19.60
	Mid	QPSK	17.94	19.51
	Mid	16QAM	17.97	19.46
	Mid	64QAM	17.96	19.45
	High	QPSK	17.92	19.50
	High	16QAM	17.94	19.51
	High	64QAM	17.93	19.56

LTE Band 5				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.10	1.24
	Low	16QAM	1.09	1.24
	Low	64QAM	1.09	1.24
	Mid	QPSK	1.10	1.24
	Mid	16QAM	1.09	1.25
	Mid	64QAM	1.09	1.25
	High	QPSK	1.09	1.24
	High	16QAM	1.09	1.24
	High	64QAM	1.09	1.24
3	Low	QPSK	2.70	2.99
	Low	16QAM	2.70	2.99
	Low	64QAM	2.71	3.01
	Mid	QPSK	2.70	3.00
	Mid	16QAM	2.70	3.02
	Mid	64QAM	2.71	3.02
	High	QPSK	2.70	2.97
	High	16QAM	2.70	3.01
	High	64QAM	2.71	3.01
5	Low	QPSK	4.50	4.97
	Low	16QAM	4.50	4.98
	Low	64QAM	4.49	4.95
	Mid	QPSK	4.50	4.96
	Mid	16QAM	4.50	4.95
	Mid	64QAM	4.50	4.96
	High	QPSK	4.50	4.97
	High	16QAM	4.50	4.95
	High	64QAM	4.49	4.95
10	Low	QPSK	9.00	9.82
	Low	16QAM	8.96	9.76
	Low	64QAM	8.97	9.79
	Mid	QPSK	9.00	9.76
	Mid	16QAM	8.96	9.75
	Mid	64QAM	8.97	9.81
	High	QPSK	8.99	9.77
	High	16QAM	8.95	9.77
	High	64QAM	8.95	9.81

LTE Band 7				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.51	4.90
	Low	16QAM	4.51	4.98
	Low	64QAM	4.50	4.96
	Mid	QPSK	4.48	4.82
	Mid	16QAM	4.47	4.77
	Mid	64QAM	4.49	4.80
	High	QPSK	4.49	4.97
	High	16QAM	4.50	4.95
	High	64QAM	4.49	4.95
10	Low	QPSK	8.99	9.81
	Low	16QAM	8.96	9.79
	Low	64QAM	8.95	9.49
	Mid	QPSK	8.97	9.53
	Mid	16QAM	8.93	9.38
	Mid	64QAM	8.95	9.66
	High	QPSK	8.97	9.80
	High	16QAM	8.95	9.76
	High	64QAM	8.97	9.77
15	Low	QPSK	13.48	14.59
	Low	16QAM	13.47	14.65
	Low	64QAM	13.48	14.69
	Mid	QPSK	13.41	14.13
	Mid	16QAM	13.46	17.71
	Mid	64QAM	13.38	17.23
	High	QPSK	13.50	14.66
	High	16QAM	13.47	14.62
	High	64QAM	13.49	14.7
20	Low	QPSK	17.95	19.56
	Low	16QAM	17.95	19.49
	Low	64QAM	17.96	19.45
	Mid	QPSK	17.97	18.89
	Mid	16QAM	17.99	19.49
	Mid	64QAM	17.99	19.53
	High	QPSK	17.95	19.42
	High	16QAM	18.00	19.55
	High	64QAM	17.97	19.55

LTE Band 12				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.09	1.23
	Low	16QAM	1.10	1.24
	Low	64QAM	1.09	1.25
	Mid	QPSK	1.09	1.24
	Mid	16QAM	1.10	1.24
	Mid	64QAM	1.09	1.24
	High	QPSK	1.09	1.23
	High	16QAM	1.10	1.24
	High	64QAM	1.09	1.24
3	Low	QPSK	2.70	3.01
	Low	16QAM	2.70	3.00
	Low	64QAM	2.71	3.01
	Mid	QPSK	2.70	2.99
	Mid	16QAM	2.70	3.01
	Mid	64QAM	2.71	3.01
	High	QPSK	2.70	2.98
	High	16QAM	2.70	3.01
	High	64QAM	2.71	2.99
5	Low	QPSK	4.49	4.97
	Low	16QAM	4.50	4.97
	Low	64QAM	4.50	4.95
	Mid	QPSK	4.50	4.98
	Mid	16QAM	4.51	4.96
	Mid	64QAM	4.50	4.96
	High	QPSK	4.50	4.98
	High	16QAM	4.49	4.93
	High	64QAM	4.49	4.95
10	Low	QPSK	8.98	9.75
	Low	16QAM	8.95	9.75
	Low	64QAM	8.97	9.81
	Mid	QPSK	9.00	9.82
	Mid	16QAM	8.95	9.78
	Mid	64QAM	8.97	9.84
	High	QPSK	8.97	9.78
	High	16QAM	8.95	9.73
	High	64QAM	8.97	9.81

LTE Band 17				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.50	4.99
	Low	16QAM	4.51	4.96
	Low	64QAM	4.50	4.95
	Mid	QPSK	4.50	4.97
	Mid	16QAM	4.50	4.96
	Mid	64QAM	4.50	4.93
	High	QPSK	4.49	4.98
	High	16QAM	4.50	4.98
	High	64QAM	4.49	4.95
10	Low	QPSK	9.01	9.78
	Low	16QAM	8.95	9.75
	Low	64QAM	8.97	9.81
	Mid	QPSK	8.96	9.83
	Mid	16QAM	8.95	9.73
	Mid	64QAM	8.96	9.79
	High	QPSK	8.98	9.78
	High	16QAM	8.94	9.70
	High	64QAM	8.96	9.76

LTE Band 18				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.49	4.96
	Low	16QAM	4.49	4.97
	Low	64QAM	4.49	4.97
	Mid	QPSK	4.49	4.96
	Mid	16QAM	4.49	4.95
	Mid	64QAM	4.49	4.96
	High	QPSK	4.49	4.97
	High	16QAM	4.49	4.98
	High	64QAM	4.49	4.95

LTE Band 19				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.51	4.94
	Low	16QAM	4.50	4.94
	Low	64QAM	4.50	4.96
	Mid	QPSK	4.50	4.98
	Mid	16QAM	4.50	4.95
	Mid	64QAM	4.49	4.96
	High	QPSK	4.49	4.90
	High	16QAM	4.48	4.76
	High	64QAM	4.50	4.83
10	Low	QPSK	8.99	9.80
	Low	16QAM	8.94	9.77
	Low	64QAM	8.98	9.85
	Mid	QPSK	9.00	9.84
	Mid	16QAM	8.95	9.71
	Mid	64QAM	8.98	9.81
	High	QPSK	8.96	9.43
	High	16QAM	8.96	9.71
	High	64QAM	8.96	9.51
15	Low	QPSK	13.48	14.63
	Low	16QAM	13.48	14.82
	Low	64QAM	13.46	14.68
	Mid	QPSK	13.47	14.63
	Mid	16QAM	13.47	14.68
	Mid	64QAM	13.45	14.75
	High	QPSK	13.46	14.74
	High	16QAM	13.47	14.63
	High	64QAM	13.48	14.67

LTE Band 26				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.09	1.24
	Low	16QAM	1.09	1.23
	Low	64QAM	1.09	1.24
	Mid	QPSK	1.09	1.24
	Mid	16QAM	1.09	1.24
	Mid	64QAM	1.09	1.23
	High	QPSK	1.09	1.23
	High	16QAM	1.09	1.23
	High	64QAM	1.09	1.22
3	Low	QPSK	2.69	2.96
	Low	16QAM	2.70	3.00
	Low	64QAM	2.70	2.98
	Mid	QPSK	2.69	3.01
	Mid	16QAM	2.69	2.98
	Mid	64QAM	2.69	2.99
	High	QPSK	2.69	3.00
	High	16QAM	2.69	2.99
	High	64QAM	2.69	2.99
5	Low	QPSK	4.49	4.99
	Low	16QAM	4.50	4.95
	Low	64QAM	4.50	4.96
	Mid	QPSK	4.49	4.97
	Mid	16QAM	4.49	4.96
	Mid	64QAM	4.49	4.97
	High	QPSK	4.49	4.95
	High	16QAM	4.49	4.94
	High	64QAM	4.48	4.96
10	Low	QPSK	8.97	9.74
	Low	16QAM	9.00	9.72
	Low	64QAM	8.97	9.71
	Mid	QPSK	8.97	9.74
	Mid	16QAM	8.97	9.77
	Mid	64QAM	8.98	9.74
	High	QPSK	8.98	9.77
	High	16QAM	8.97	9.63
	High	64QAM	8.95	9.79

15	Low	QPSK	13.46	14.62
	Low	16QAM	13.44	14.52
	Low	64QAM	13.45	14.59
	Mid	QPSK	13.49	14.70
	Mid	16QAM	13.48	14.57
	Mid	64QAM	13.46	14.56
	High	QPSK	13.49	14.64
	High	16QAM	13.47	14.61
	High	64QAM	13.44	14.54

LTE Band 38				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.50	4.91
	Low	16QAM	4.51	4.94
	Low	64QAM	4.48	4.93
	Mid	QPSK	4.50	4.98
	Mid	16QAM	4.50	4.96
	Mid	64QAM	4.49	4.96
	High	QPSK	4.50	4.92
	High	16QAM	4.49	4.93
	High	64QAM	4.50	4.96
10	Low	QPSK	8.97	9.73
	Low	16QAM	8.97	9.71
	Low	64QAM	8.98	9.78
	Mid	QPSK	8.97	9.74
	Mid	16QAM	8.96	9.78
	Mid	64QAM	8.96	9.78
	High	QPSK	8.96	9.74
	High	16QAM	8.97	9.73
	High	64QAM	8.97	9.73
15	Low	QPSK	13.45	14.58
	Low	16QAM	13.47	14.77
	Low	64QAM	13.45	14.53
	Mid	QPSK	13.44	14.55
	Mid	16QAM	13.50	14.77
	Mid	64QAM	13.46	14.62
	High	QPSK	13.48	14.63
	High	16QAM	13.46	14.62
	High	64QAM	13.44	14.64
20	Low	QPSK	17.97	19.37
	Low	16QAM	17.91	19.46
	Low	64QAM	17.94	19.47
	Mid	QPSK	17.93	19.40
	Mid	16QAM	17.96	19.52
	Mid	64QAM	17.92	19.49
	High	QPSK	17.95	19.47
	High	16QAM	17.92	19.48
	High	64QAM	17.92	19.32

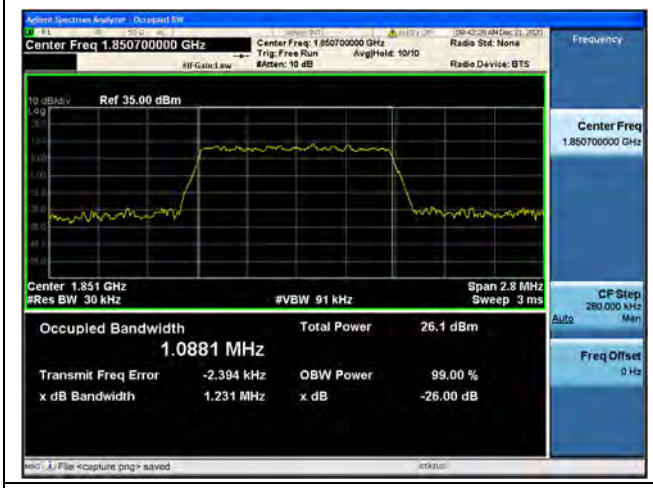
LTE Band 40, Block A				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.50	4.97
	Low	16QAM	4.49	4.95
	Low	64QAM	4.49	4.94
	Mid	QPSK	4.49	4.97
	Mid	16QAM	4.49	4.95
	Mid	64QAM	4.50	4.92
	High	QPSK	4.50	4.95
	High	16QAM	4.49	4.95
	High	64QAM	4.49	4.97
10	Mid	QPSK	8.95	9.68
	Mid	16QAM	8.94	9.69
	Mid	64QAM	8.96	9.66

LTE Band 40, Block B				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.49	4.91
	Low	16QAM	4.50	4.93
	Low	64QAM	4.49	4.97
	Mid	QPSK	4.49	4.97
	Mid	16QAM	4.49	4.95
	Mid	64QAM	4.49	4.96
	High	QPSK	4.50	4.93
	High	16QAM	4.49	4.94
	High	64QAM	4.50	4.86
10	Mid	QPSK	8.97	9.72
	Mid	16QAM	8.97	9.73
	Mid	64QAM	8.95	9.63

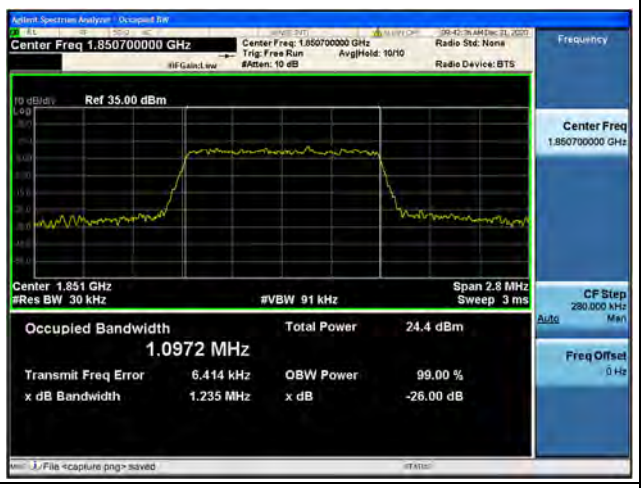
LTE Band 66				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.09	1.23
	Low	16QAM	1.09	1.23
	Low	64QAM	1.09	1.22
	Mid	QPSK	1.09	1.23
	Mid	16QAM	1.09	1.23
	Mid	64QAM	1.09	1.22
	High	QPSK	1.09	1.23
	High	16QAM	1.09	1.23
	High	64QAM	1.09	1.23
3	Low	QPSK	2.69	2.98
	Low	16QAM	2.70	2.96
	Low	64QAM	2.69	2.95
	Mid	QPSK	2.69	2.99
	Mid	16QAM	2.69	2.98
	Mid	64QAM	2.69	2.98
	High	QPSK	2.70	3.00
	High	16QAM	2.69	2.97
	High	64QAM	2.69	2.98
5	Low	QPSK	4.49	4.98
	Low	16QAM	4.48	4.94
	Low	64QAM	4.49	4.93
	Mid	QPSK	4.50	4.99
	Mid	16QAM	4.49	4.94
	Mid	64QAM	4.49	4.94
	High	QPSK	4.49	4.96
	High	16QAM	4.49	4.96
	High	64QAM	4.48	4.98
10	Low	QPSK	8.97	9.72
	Low	16QAM	8.96	9.79
	Low	64QAM	8.98	9.74
	Mid	QPSK	8.99	9.78
	Mid	16QAM	8.98	9.72
	Mid	64QAM	8.97	9.73
	High	QPSK	8.97	9.77
	High	16QAM	8.95	9.73
	High	64QAM	8.98	9.74

15	Low	QPSK	13.43	14.60
	Low	16QAM	13.47	14.56
	Low	64QAM	13.47	14.48
	Mid	QPSK	13.44	14.50
	Mid	16QAM	13.45	14.57
	Mid	64QAM	13.47	14.49
	High	QPSK	13.45	14.60
	High	16QAM	13.47	14.58
	High	64QAM	13.44	14.53
20	Low	QPSK	17.92	19.51
	Low	16QAM	17.92	19.29
	Low	64QAM	17.94	19.35
	Mid	QPSK	17.93	20.71
	Mid	16QAM	17.94	19.32
	Mid	64QAM	17.94	19.26
	High	QPSK	17.96	19.33
	High	16QAM	17.96	19.43
	High	64QAM	17.95	19.21

Band2 / 1.4MHz / Low CH / QPSK



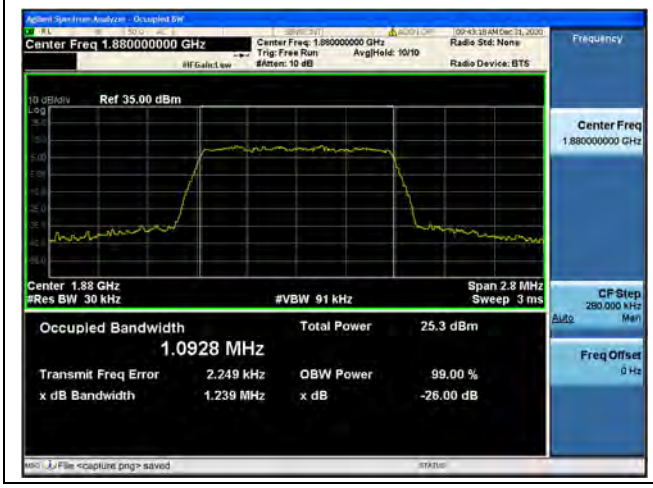
Band2 / 1.4MHz / Low CH / 16QAM



Band2 / 1.4MHz / Low CH / 64QAM

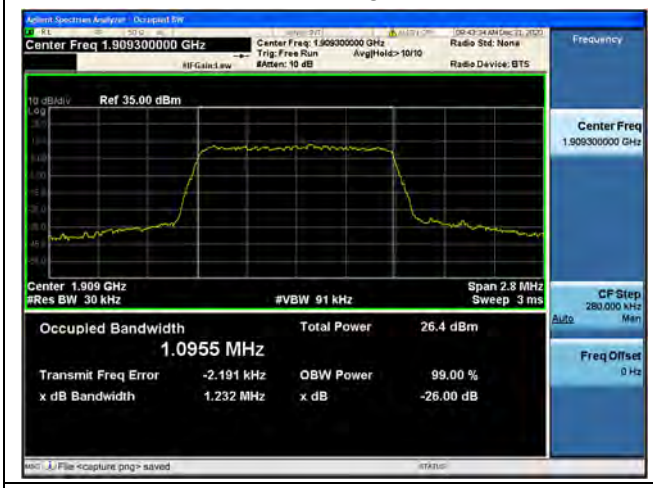
Band2 / 1.4MHz / Mid CH / QPSK

Band2 / 1.4MHz / Mid CH / 16QAM



Band2 / 1.4MHz / Mid CH / 64QAM

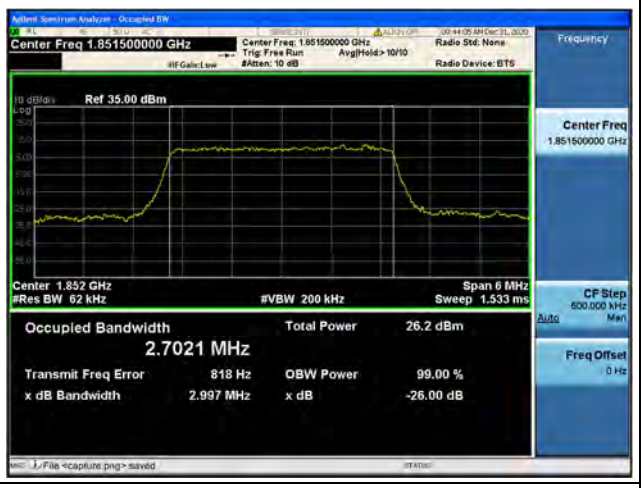
Band2 / 1.4MHz / High CH / QPSK



Band2 / 1.4MHz / High CH / 16QAM

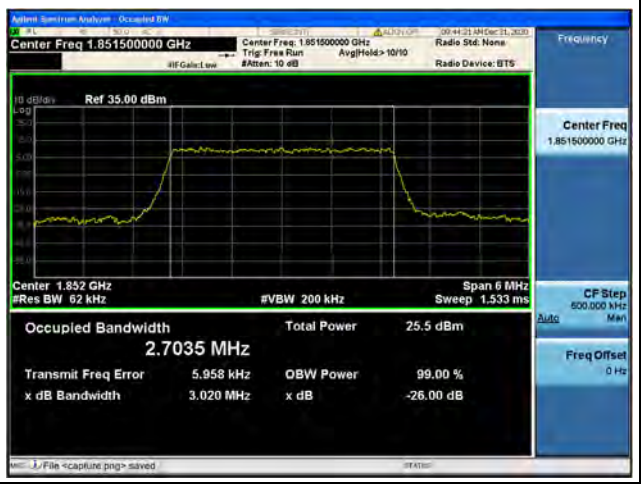
Band2 / 1.4MHz / High CH / 64QAM

Band2 / 3MHz / Low CH / QPSK



Band2 / 3MHz / Low CH / 16QAM

Band2 / 3MHz / Low CH / 64QAM



Band2 / 3MHz / Mid CH / QPSK

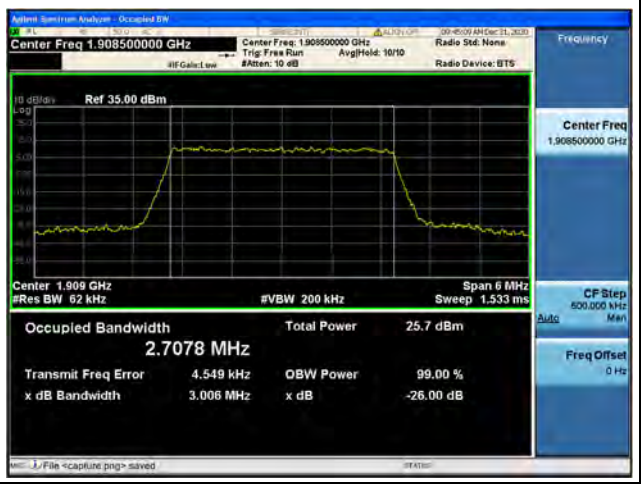
Band2 / 3MHz / Mid CH / 16QAM

Band2 / 3MHz / Mid CH / 64QAM

Band2 / 3MHz / High CH / QPSK

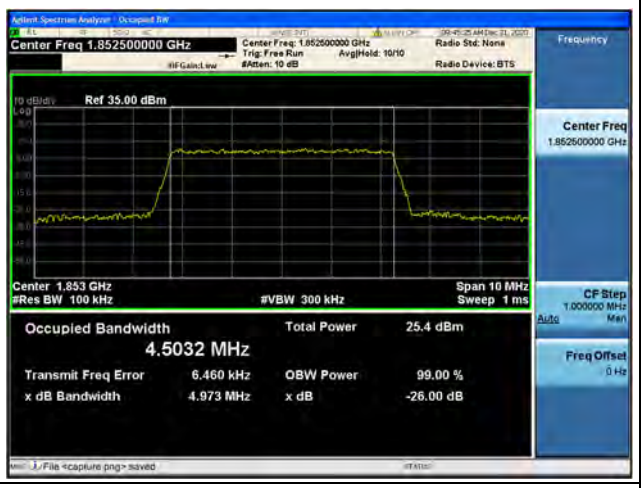
Band2 / 3MHz / High CH / 16QAM

Band2 / 3MHz / High CH / 64QAM



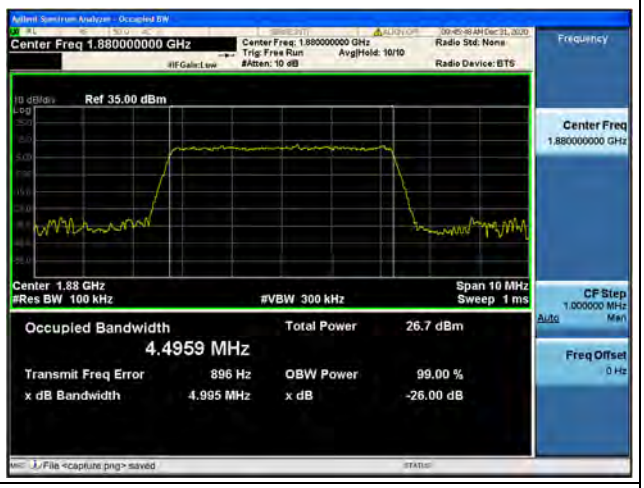
Band2 / 5MHz / Low CH / QPSK

Band2 / 5MHz / Low CH / 16QAM

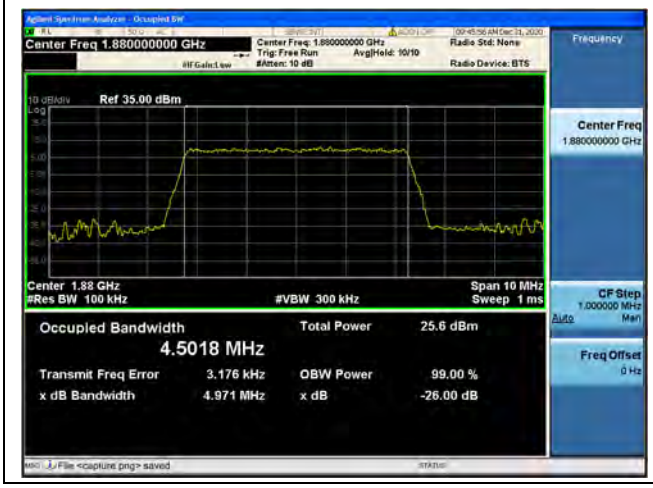


Band2 / 5MHz / Low CH / 64QAM

Band2 / 5MHz / Mid CH / QPSK



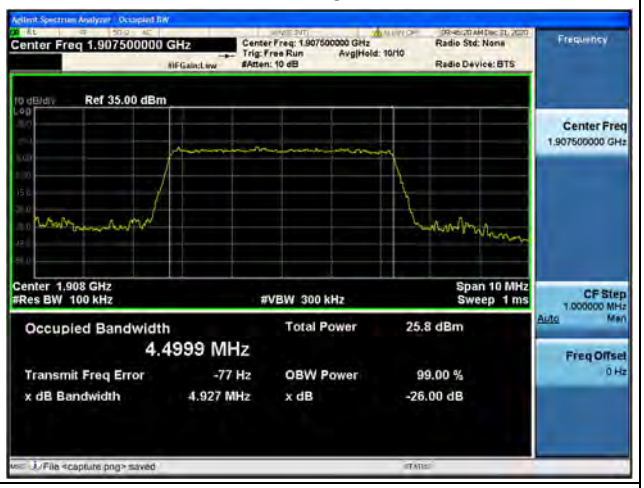
Band2 / 5MHz / Mid CH / 16QAM



Band2 / 5MHz / Mid CH / 64QAM

Band2 / 5MHz / High CH / QPSK

Band2 / 5MHz / High CH / 16QAM



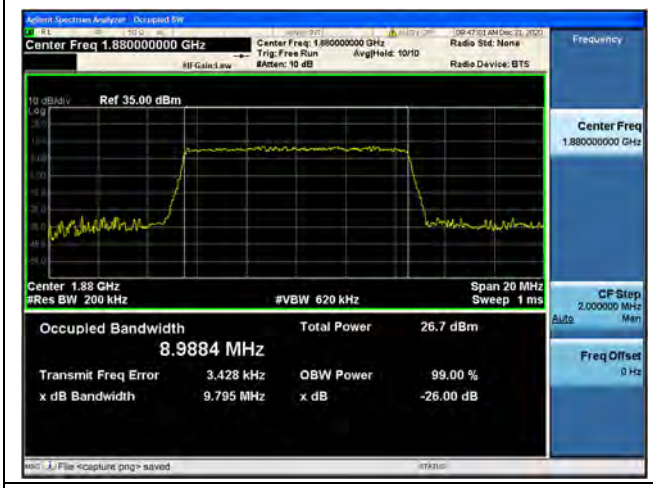
Band2 / 5MHz / High CH / 64QAM

Band2 / 10MHz / Low CH / QPSK

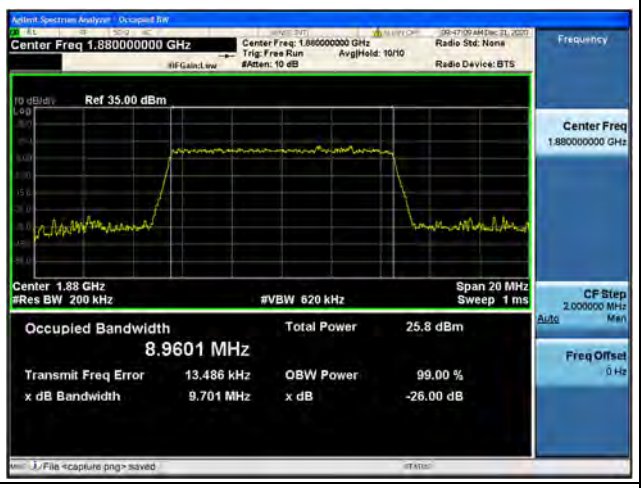
Band2 / 10MHz / Low CH / 16QAM

Band2 / 10MHz / Low CH / 64QAM

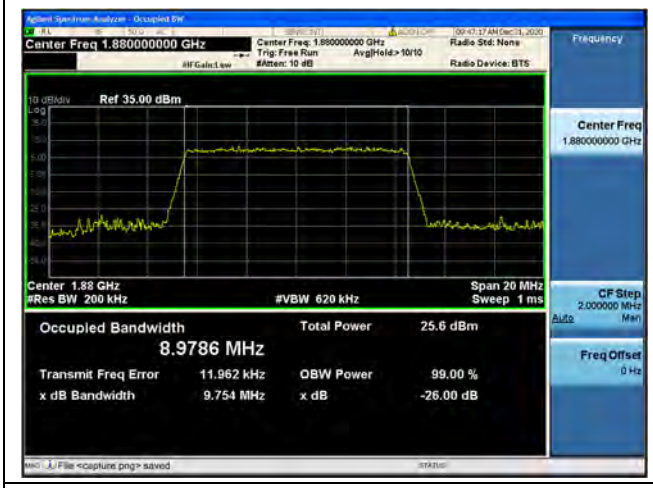
Band2 / 10MHz / Mid CH / QPSK



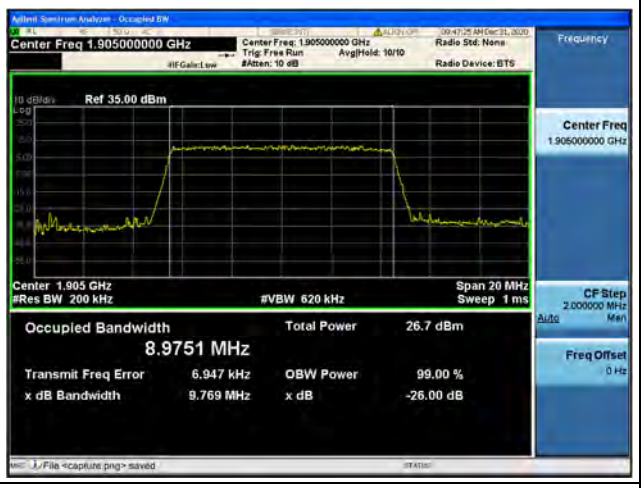
Band2 / 10MHz / Mid CH / 16QAM



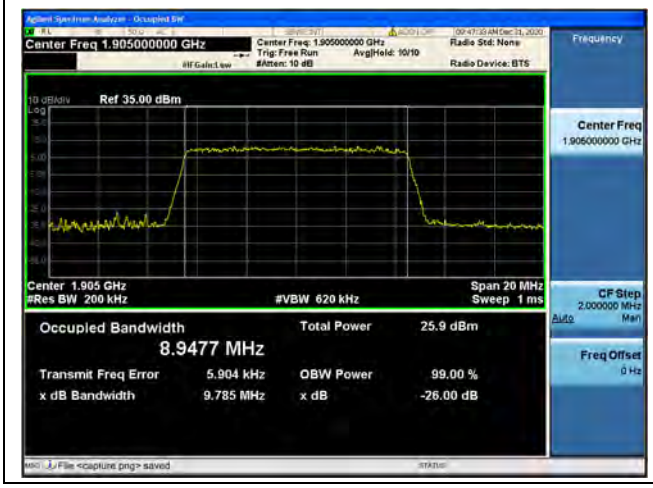
Band2 / 10MHz / Mid CH / 64QAM



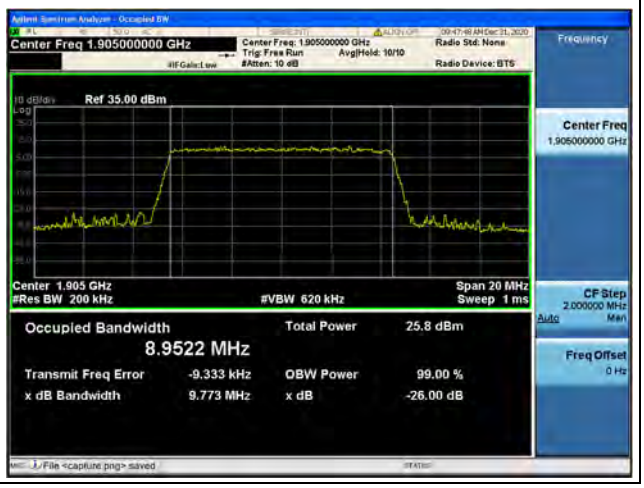
Band2 / 10MHz / High CH / QPSK



Band2 / 10MHz / High CH / 16QAM

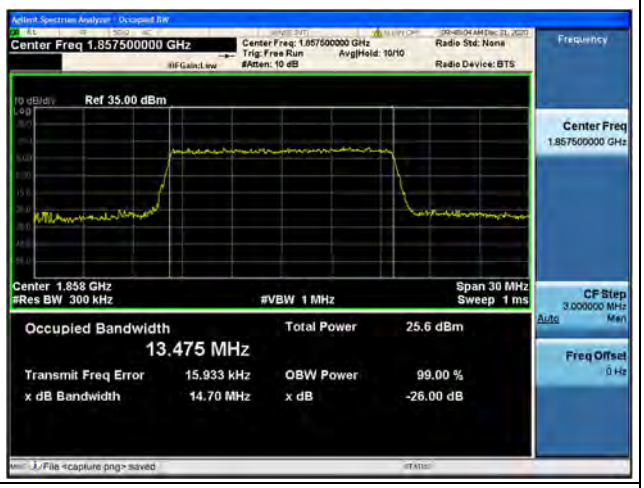


Band2 / 10MHz / High CH / 64QAM



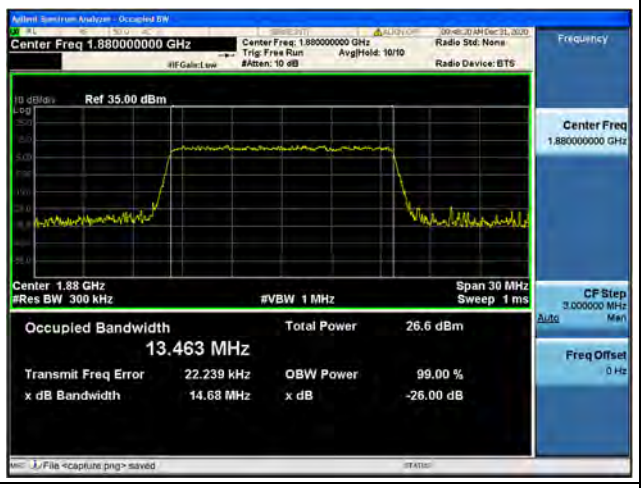
Band2 / 15MHz / Low CH / QPSK

Band2 / 15MHz / Low CH / 16QAM

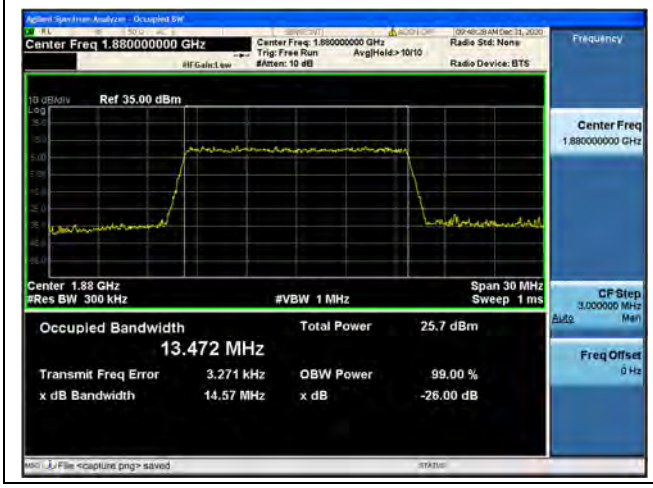


Band2 / 15MHz / Low CH / 64QAM

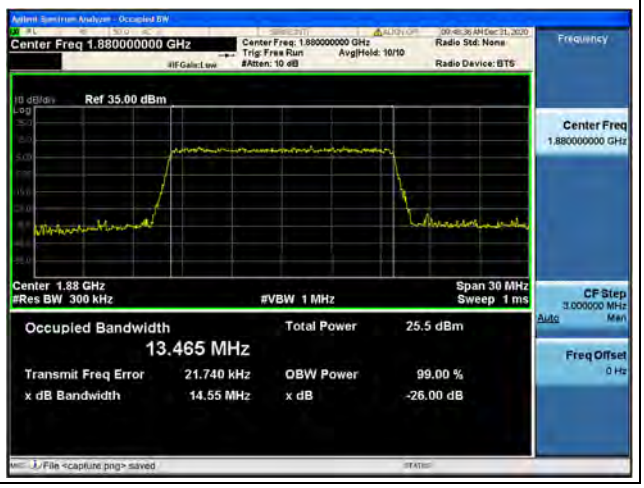
Band2 / 15MHz / Mid CH / QPSK



Band2 / 15MHz / Mid CH / 16QAM

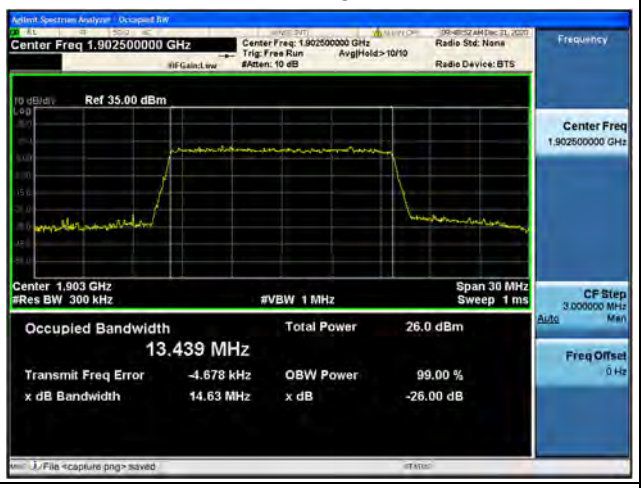


Band2 / 15MHz / Mid CH / 64QAM

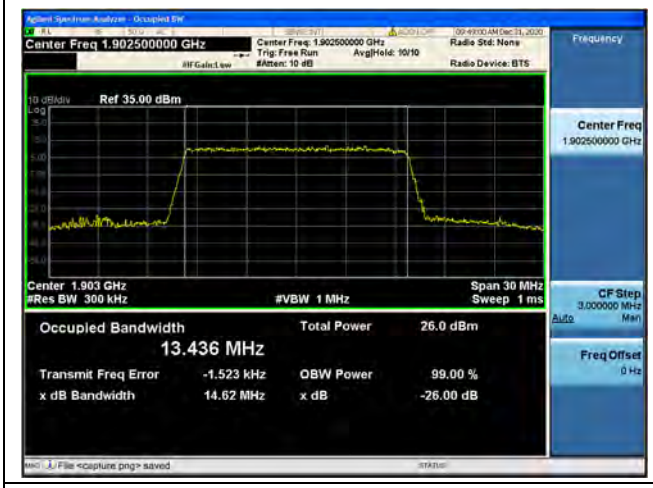


Band2 / 15MHz / High CH / QPSK

Band2 / 15MHz / High CH / 16QAM



Band2 / 15MHz / High CH / 64QAM



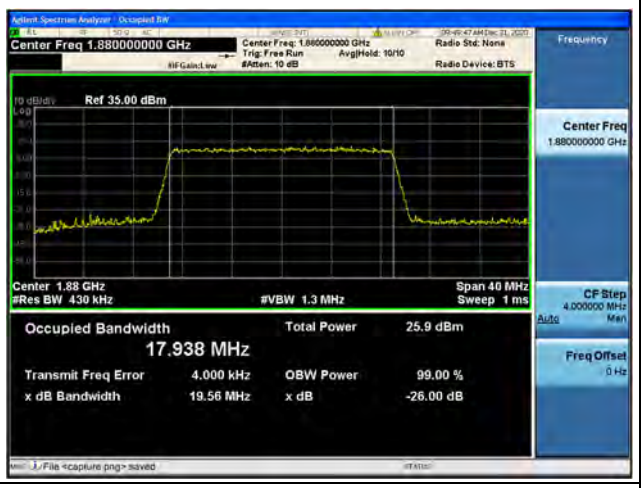
Band2 / 20MHz / Low CH / QPSK

Band2 / 20MHz / Low CH / 16QAM

Band2 / 20MHz / Low CH / 64QAM

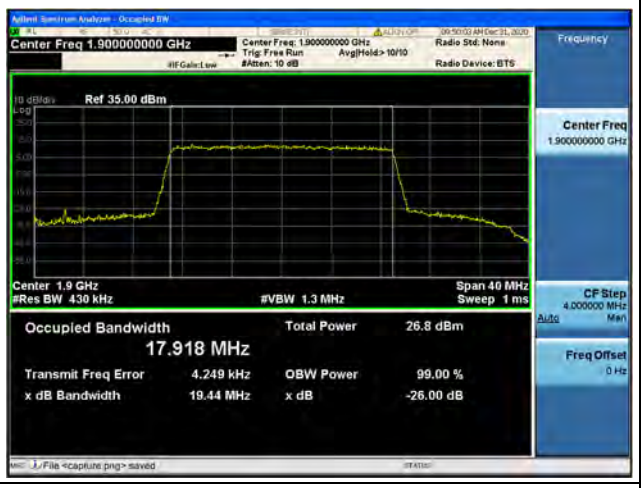
Band2 / 20MHz / Mid CH / QPSK

Band2 / 20MHz / Mid CH / 16QAM



Band2 / 20MHz / Mid CH / 64QAM

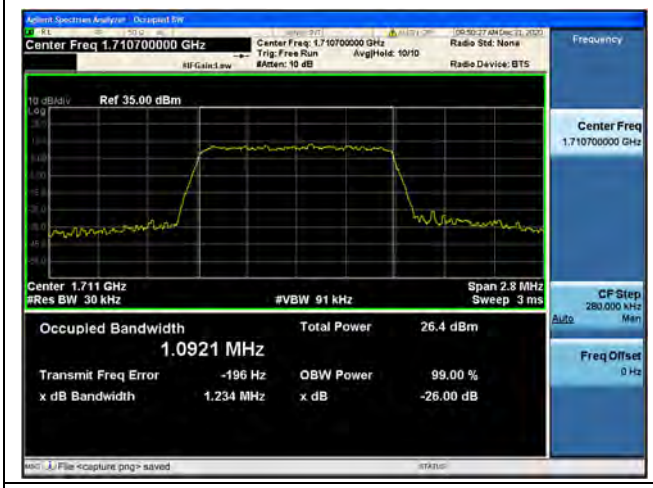
Band2 / 20MHz / High CH / QPSK



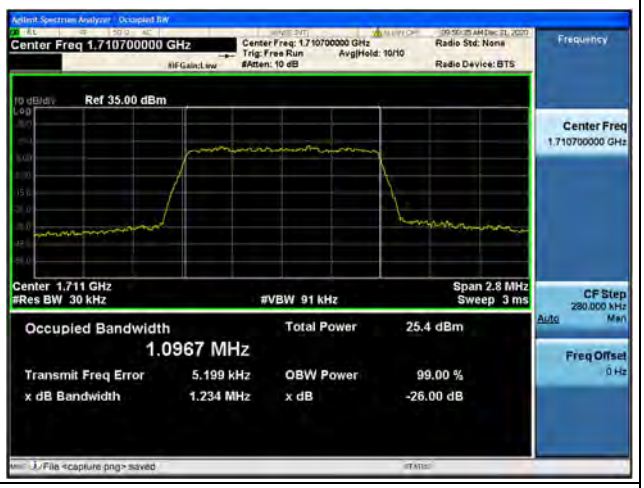
Band2 / 20MHz / High CH / 16QAM

Band2 / 20MHz / High CH / 64QAM

Band4 / 1.4MHz / Low CH / QPSK



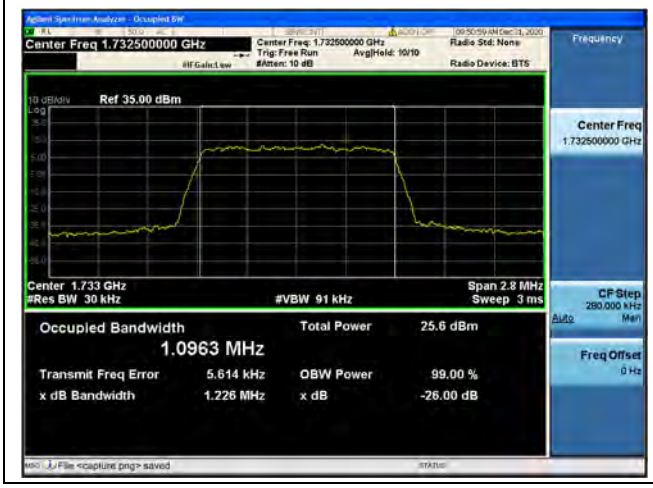
Band4 / 1.4MHz / Low CH / 16QAM



Band4 / 1.4MHz / Low CH / 64QAM

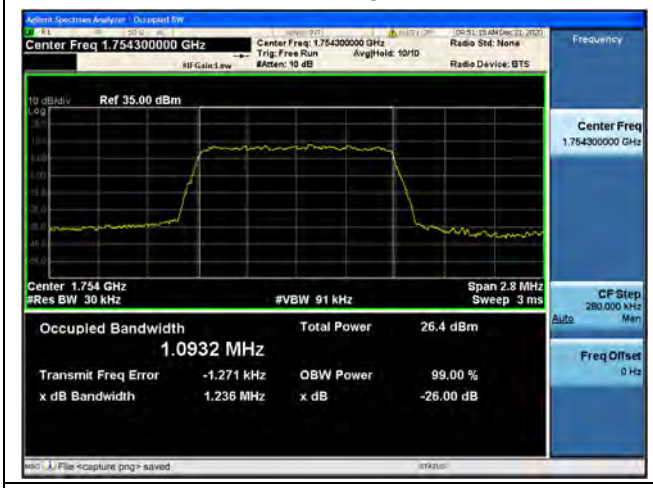
Band4 / 1.4MHz / Mid CH / QPSK

Band4 / 1.4MHz / Mid CH / 16QAM



Band4 / 1.4MHz / Mid CH / 64QAM

Band4 / 1.4MHz / High CH / QPSK



Band4 / 1.4MHz / High CH / 16QAM

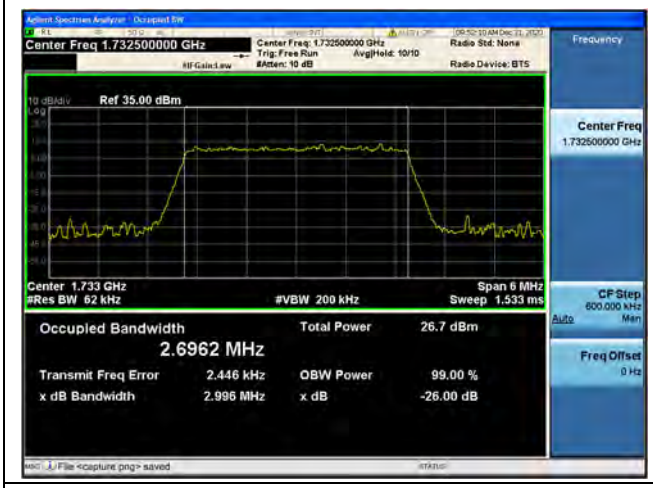
Band4 / 1.4MHz / High CH / 64QAM

Band4 / 3MHz / Low CH / QPSK

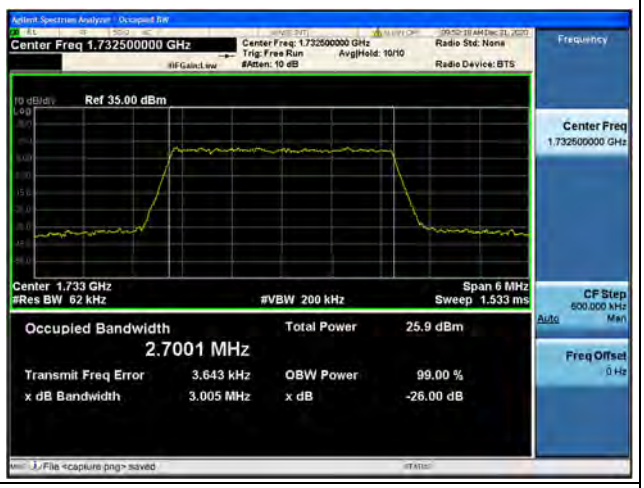
Band4 / 3MHz / Low CH / 16QAM

Band4 / 3MHz / Low CH / 64QAM

Band4 / 3MHz / Mid CH / QPSK

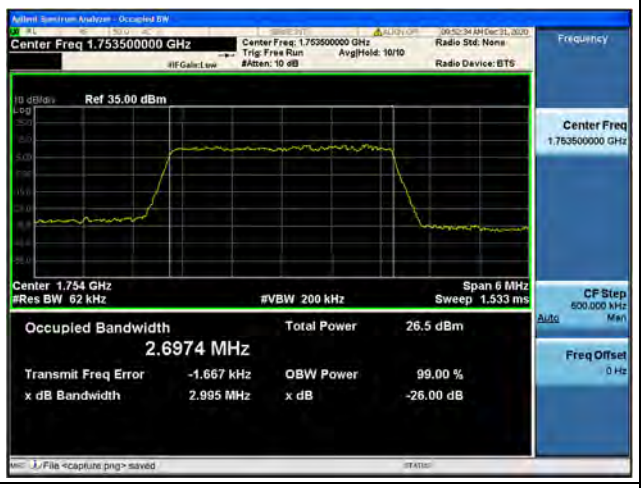


Band4 / 3MHz / Mid CH / 16QAM



Band4 / 3MHz / Mid CH / 64QAM

Band4 / 3MHz / High CH / QPSK

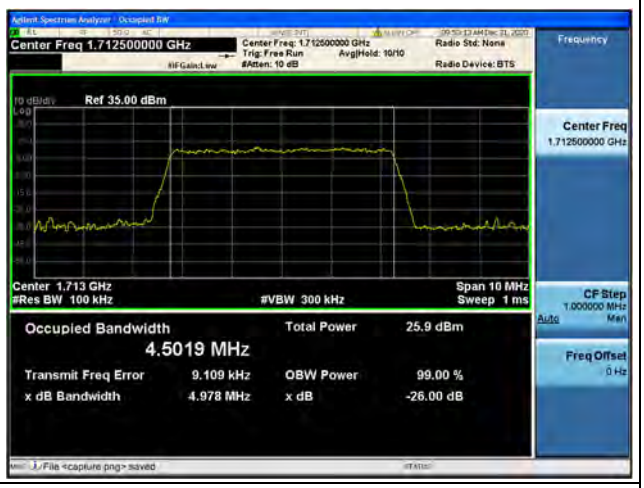


Band4 / 3MHz / High CH / 16QAM

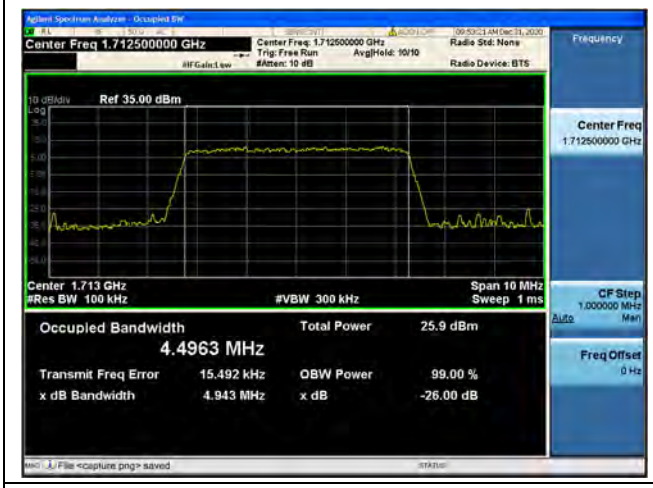
Band4 / 3MHz / High CH / 64QAM

Band4 / 5MHz / Low CH / QPSK

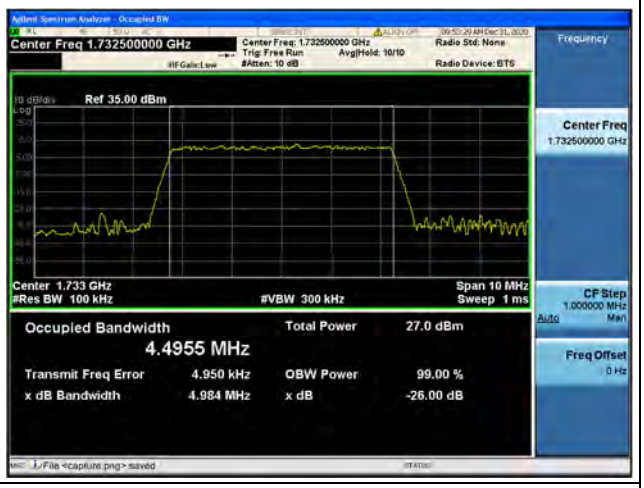
Band4 / 5MHz / Low CH / 16QAM



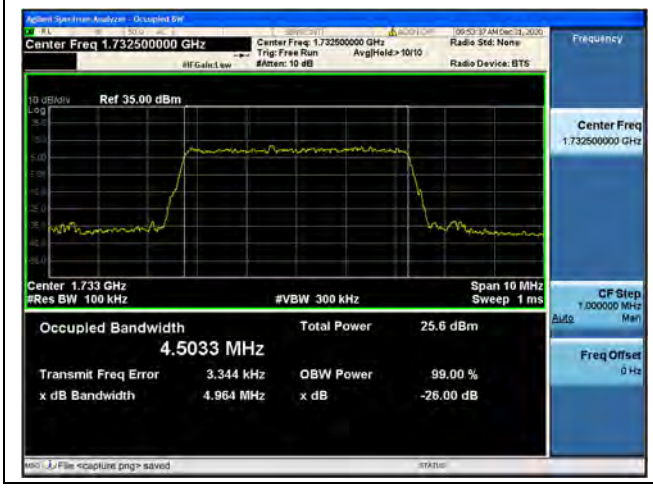
Band4 / 5MHz / Low CH / 64QAM



Band4 / 5MHz / Mid CH / QPSK

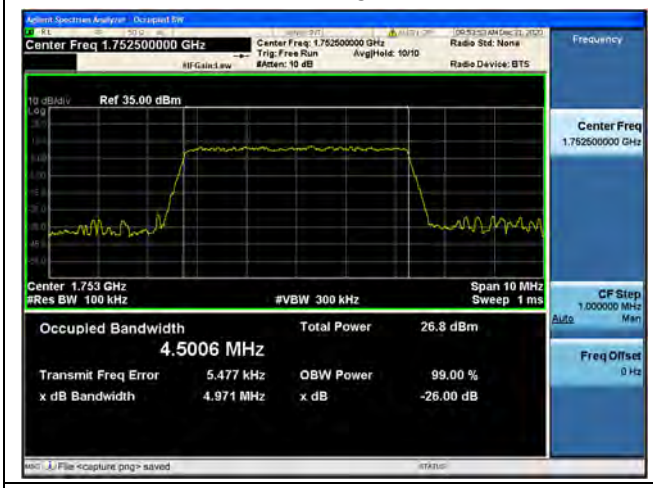


Band4 / 5MHz / Mid CH / 16QAM

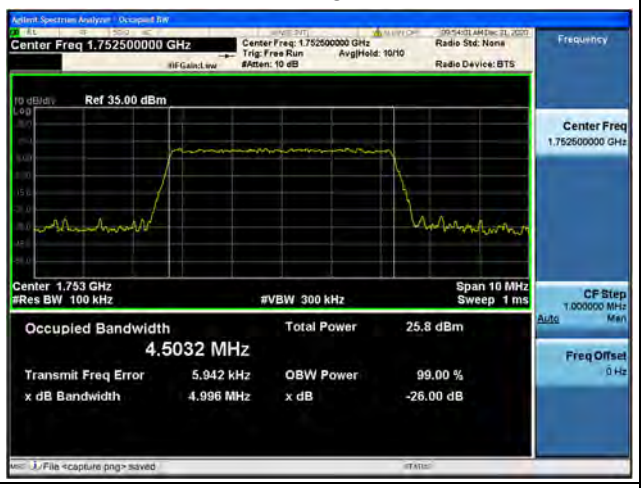


Band4 / 5MHz / Mid CH / 64QAM

Band4 / 5MHz / High CH / QPSK



Band4 / 5MHz / High CH / 16QAM



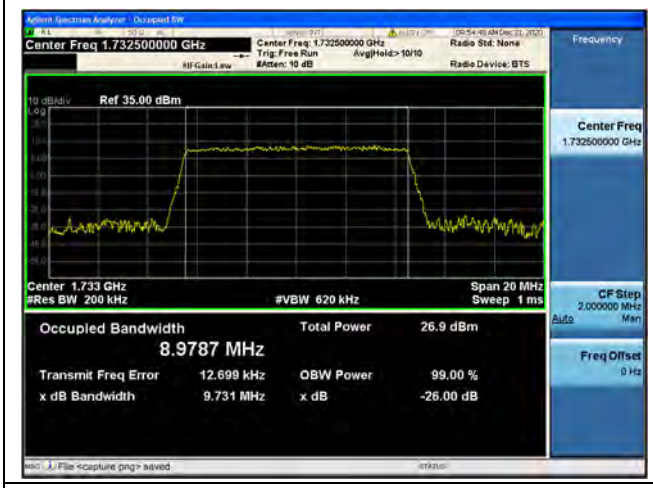
Band4 / 5MHz / High CH / 64QAM

Band4 / 10MHz / Low CH / QPSK

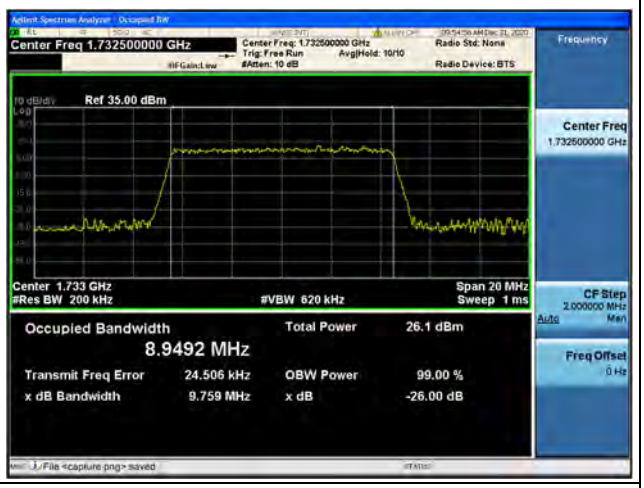
Band4 / 10MHz / Low CH / 16QAM

Band4 / 10MHz / Low CH / 64QAM

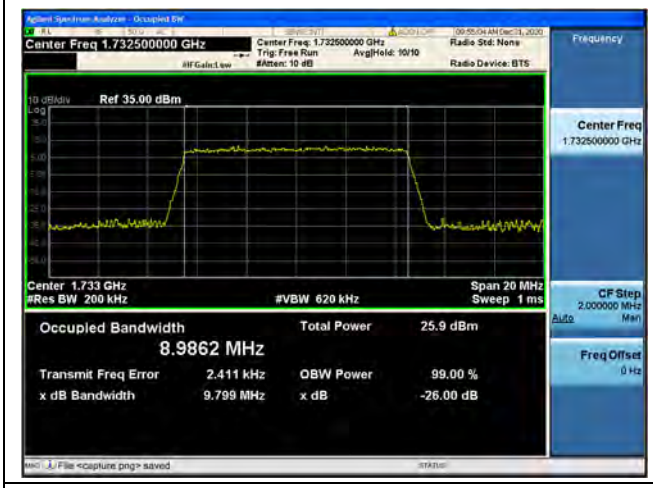
Band4 / 10MHz / Mid CH / QPSK



Band4 / 10MHz / Mid CH / 16QAM

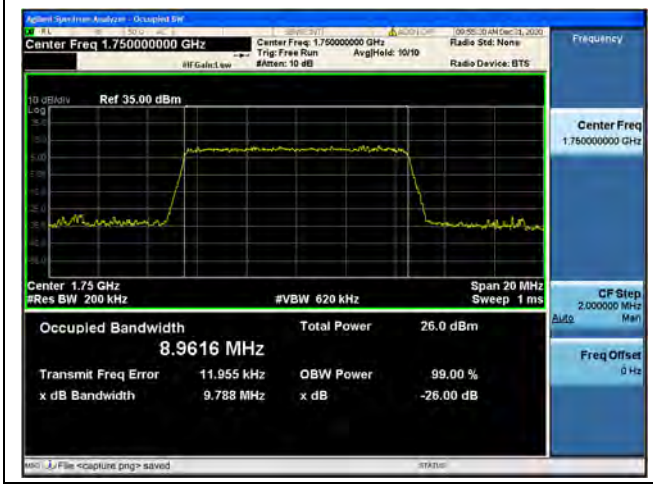


Band4 / 10MHz / Mid CH / 64QAM



Band4 / 10MHz / High CH / QPSK

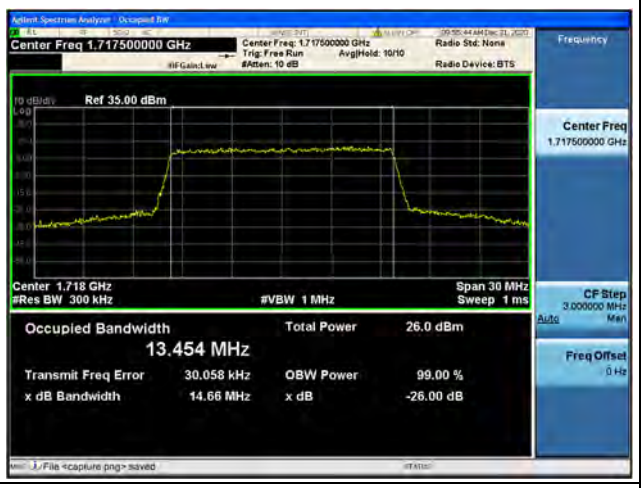
Band4 / 10MHz / High CH / 16QAM



Band4 / 10MHz / High CH / 64QAM

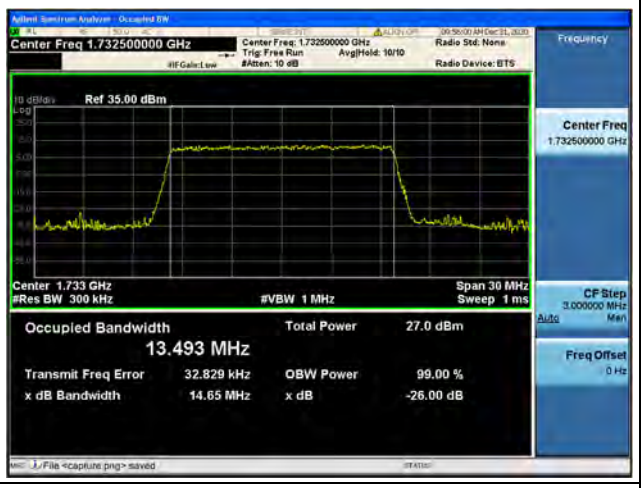
Band4 / 15MHz / Low CH / QPSK

Band4 / 15MHz / Low CH / 16QAM

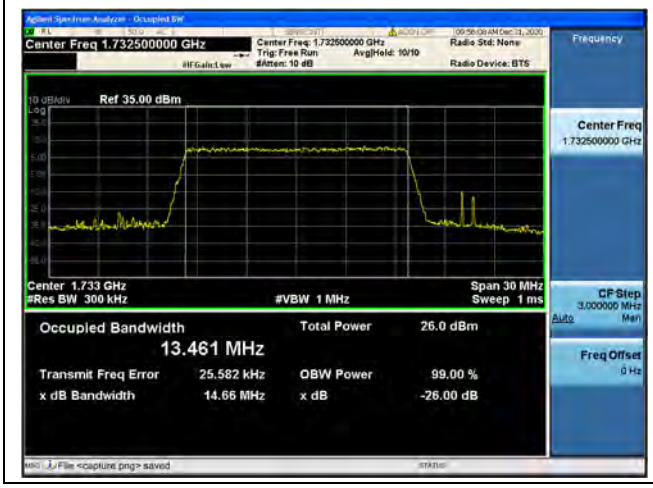


Band4 / 15MHz / Low CH / 64QAM

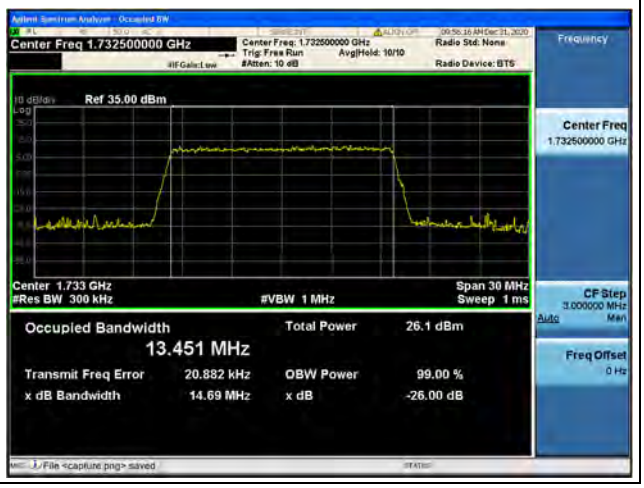
Band4 / 15MHz / Mid CH / QPSK



Band4 / 15MHz / Mid CH / 16QAM

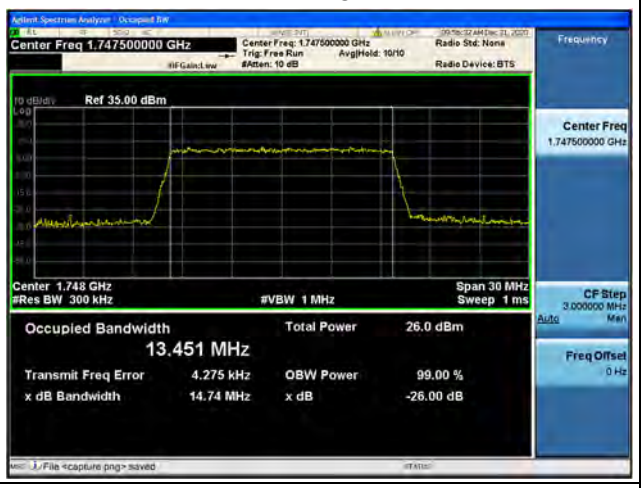


Band4 / 15MHz / Mid CH / 64QAM

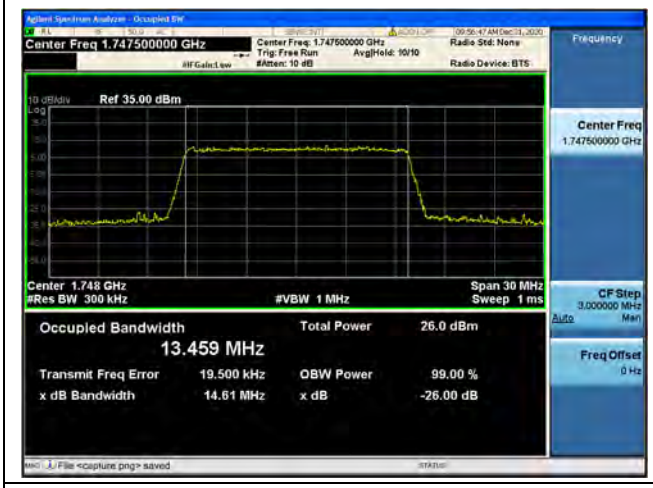


Band4 / 15MHz / High CH / QPSK

Band4 / 15MHz / High CH / 16QAM



Band4 / 15MHz / High CH / 64QAM

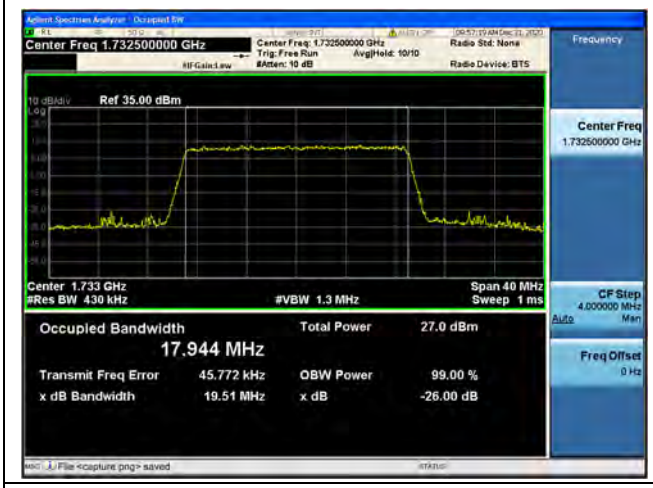


Band4 / 20MHz / Low CH / QPSK

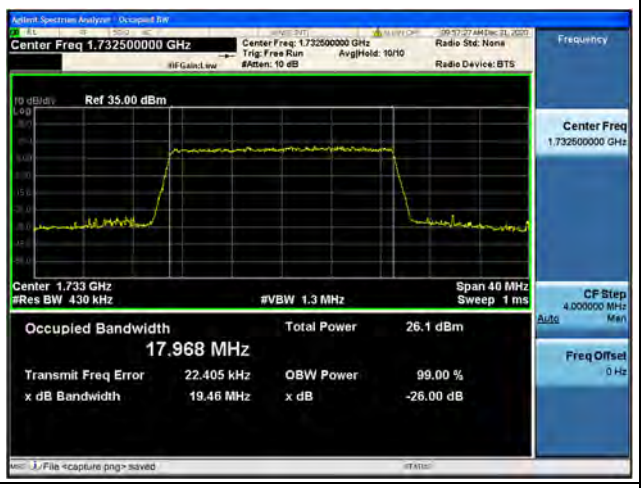
Band4 / 20MHz / Low CH / 16QAM

Band4 / 20MHz / Low CH / 64QAM

Band4 / 20MHz / Mid CH / QPSK

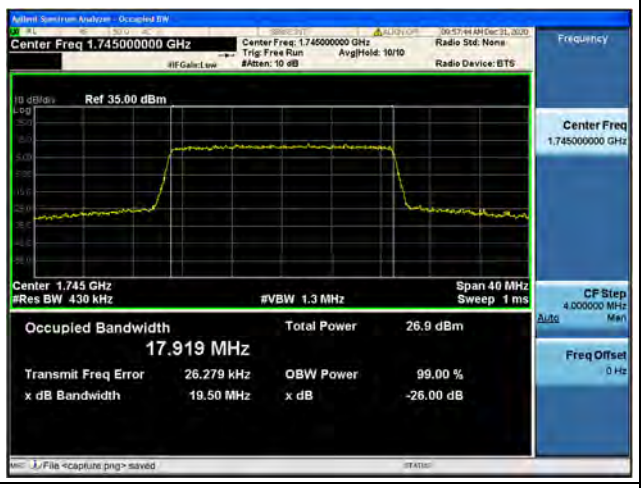


Band4 / 20MHz / Mid CH / 16QAM



Band4 / 20MHz / Mid CH / 64QAM

Band4 / 20MHz / High CH / QPSK

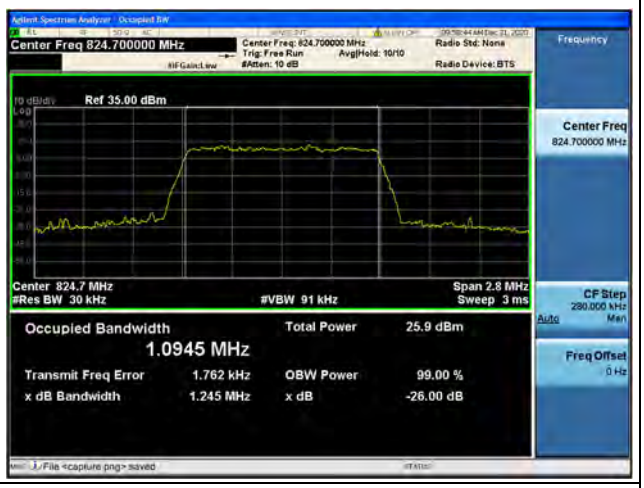


Band4 / 20MHz / High CH / 16QAM

Band4 / 20MHz / High CH / 64QAM

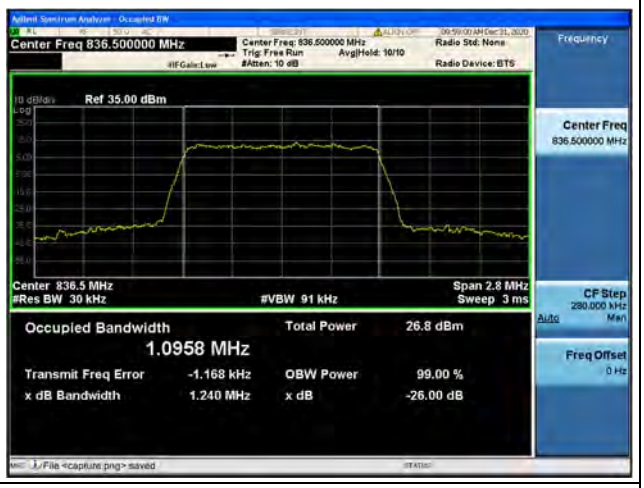
Band5 / 1.4MHz / Low CH / QPSK

Band5 / 1.4MHz / Low CH / 16QAM

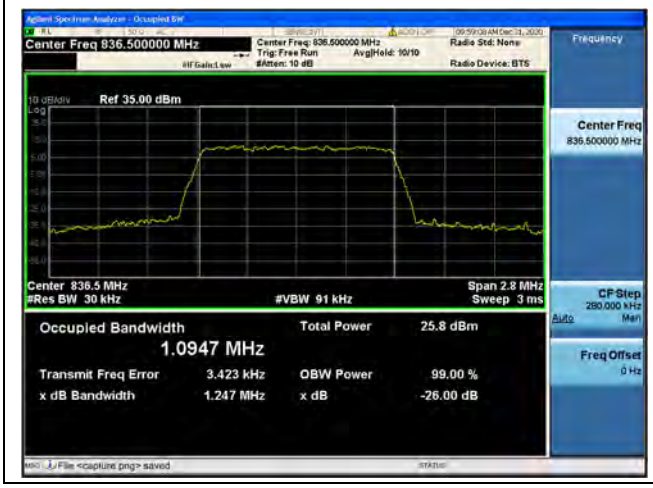


Band5 / 1.4MHz / Low CH / 64QAM

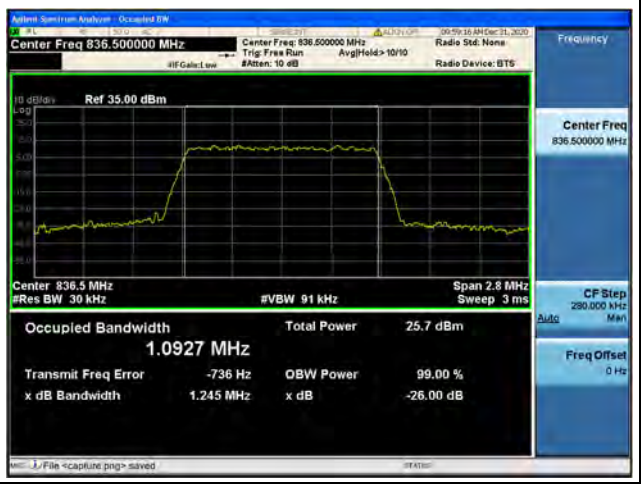
Band5 / 1.4MHz / Mid CH / QPSK



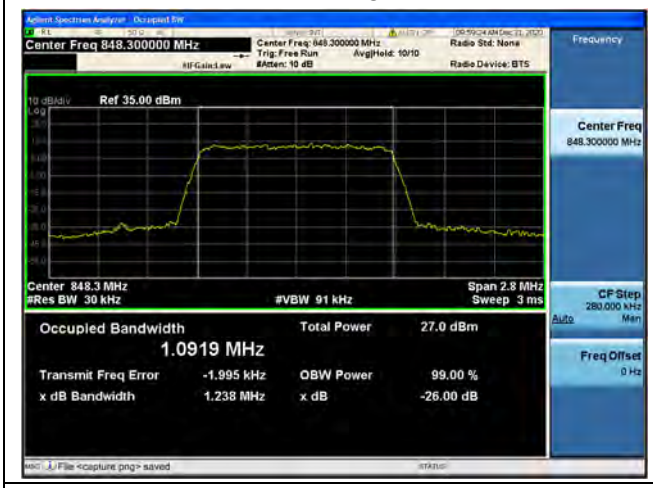
Band5 / 1.4MHz / Mid CH / 16QAM



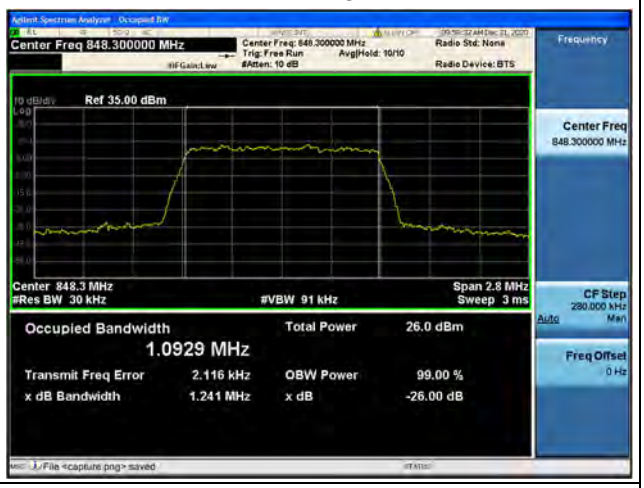
Band5 / 1.4MHz / Mid CH / 64QAM



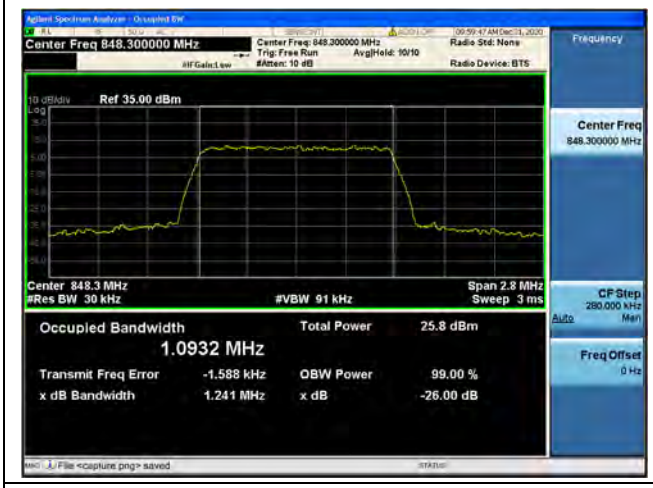
Band5 / 1.4MHz / High CH / QPSK



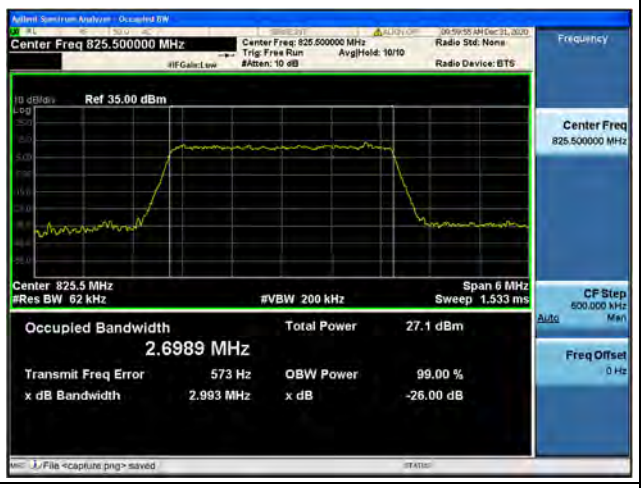
Band5 / 1.4MHz / High CH / 16QAM



Band5 / 1.4MHz / High CH / 64QAM

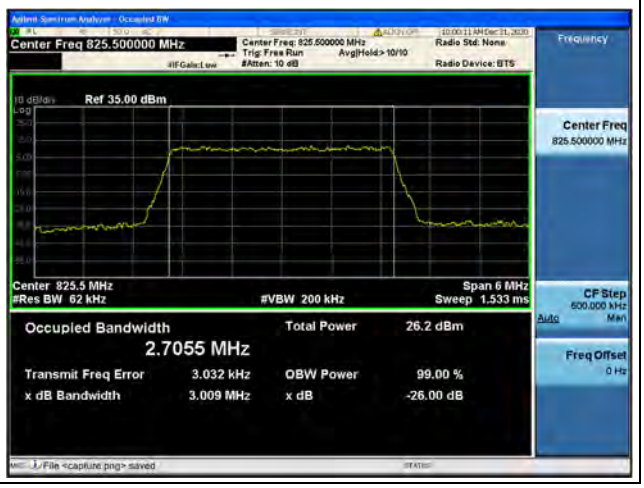


Band5 / 3MHz / Low CH / QPSK



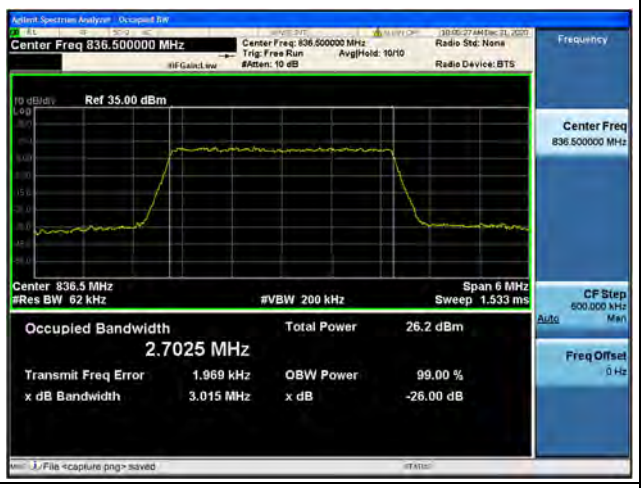
Band5 / 3MHz / Low CH / 16QAM

Band5 / 3MHz / Low CH / 64QAM



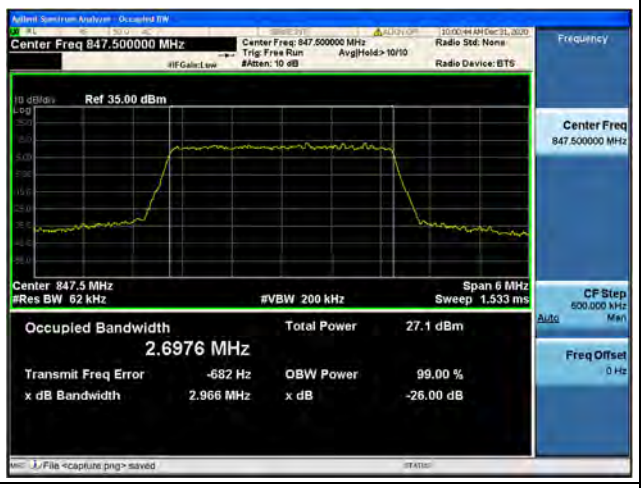
Band5 / 3MHz / Mid CH / QPSK

Band5 / 3MHz / Mid CH / 16QAM



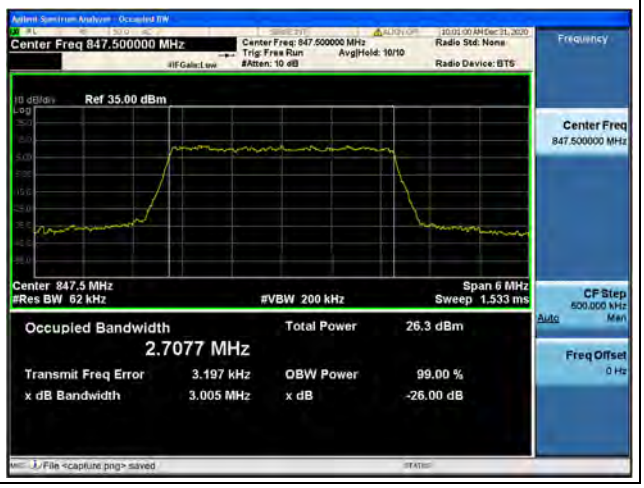
Band5 / 3MHz / Mid CH / 64QAM

Band5 / 3MHz / High CH / QPSK

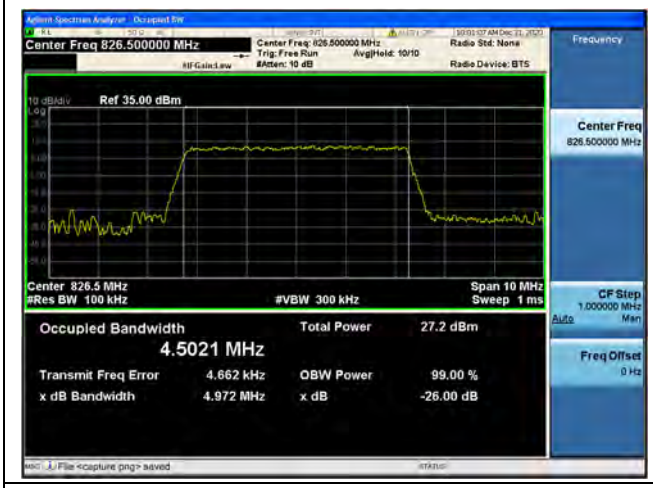


Band5 / 3MHz / High CH / 16QAM

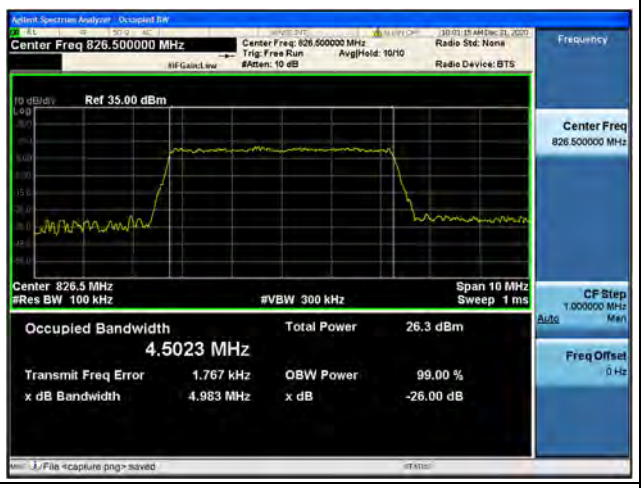
Band5 / 3MHz / High CH / 64QAM



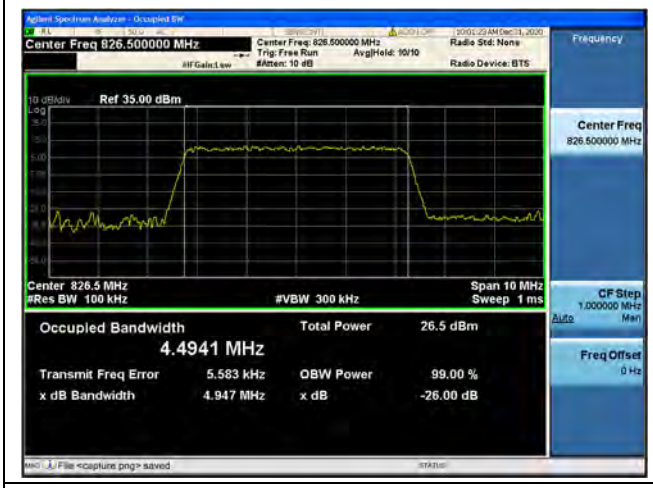
Band5 / 5MHz / Low CH / QPSK



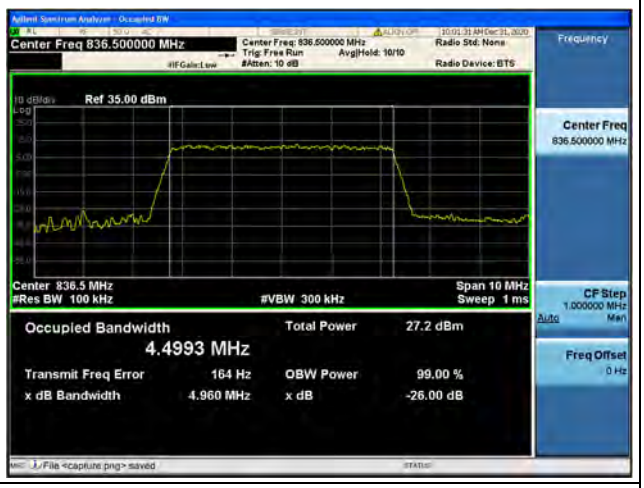
Band5 / 5MHz / Low CH / 16QAM



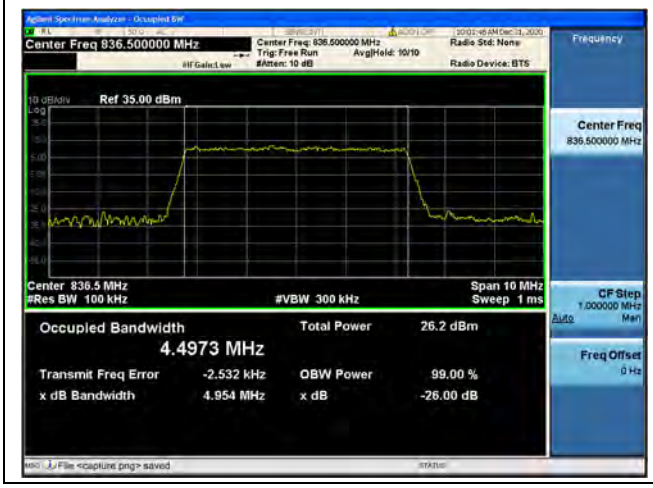
Band5 / 5MHz / Low CH / 64QAM



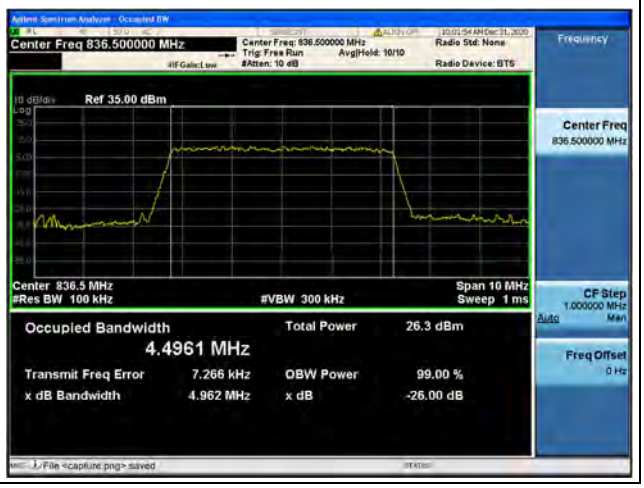
Band5 / 5MHz / Mid CH / QPSK



Band5 / 5MHz / Mid CH / 16QAM

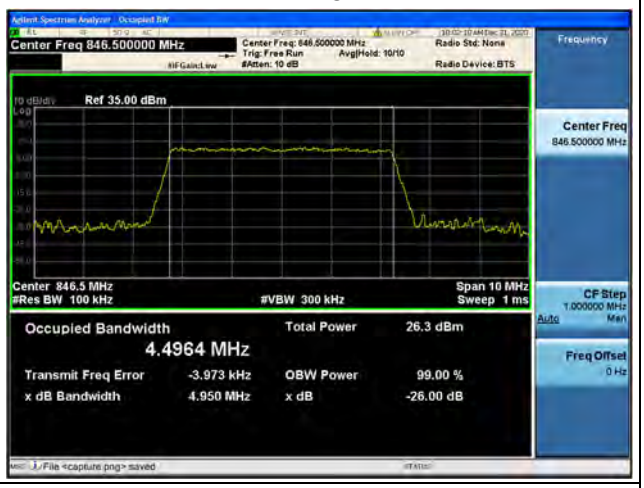


Band5 / 5MHz / Mid CH / 64QAM

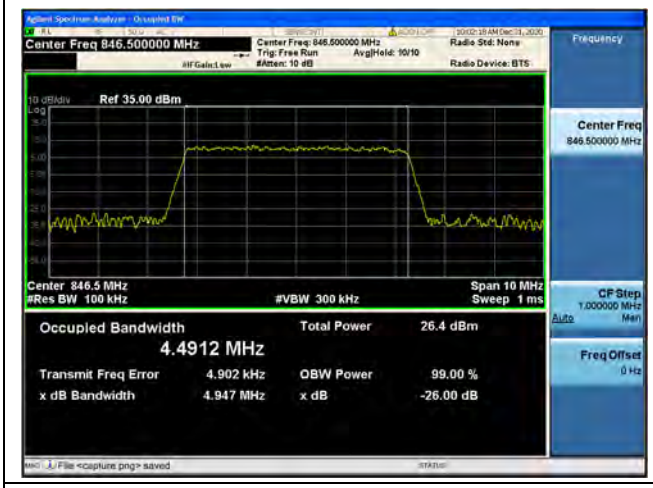


Band5 / 5MHz / High CH / QPSK

Band5 / 5MHz / High CH / 16QAM



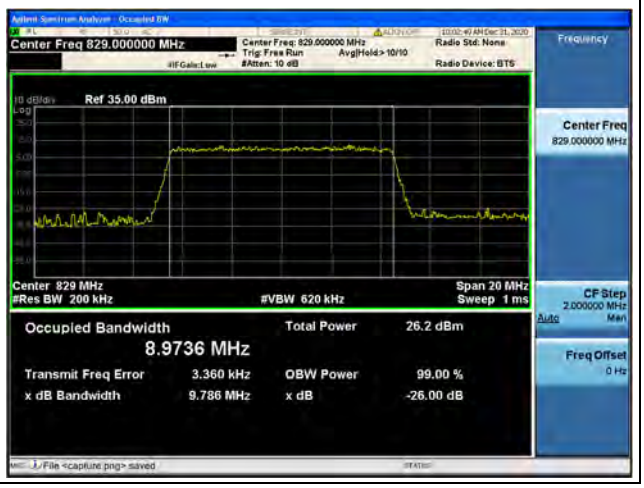
Band5 / 5MHz / High CH / 64QAM



Band5 / 10MHz / Low CH / QPSK

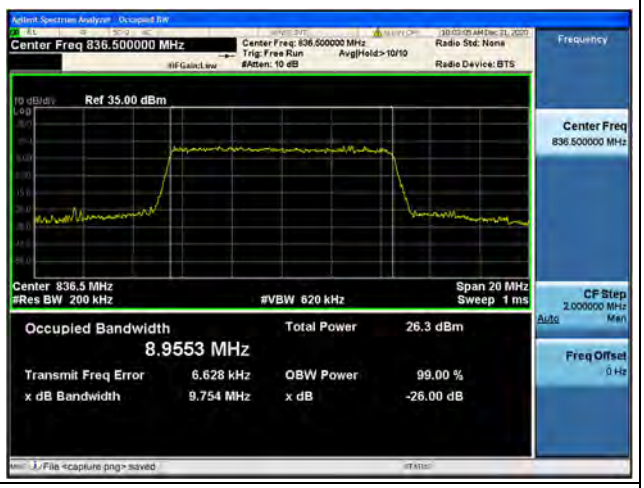
Band5 / 10MHz / Low CH / 16QAM

Band5 / 10MHz / Low CH / 64QAM



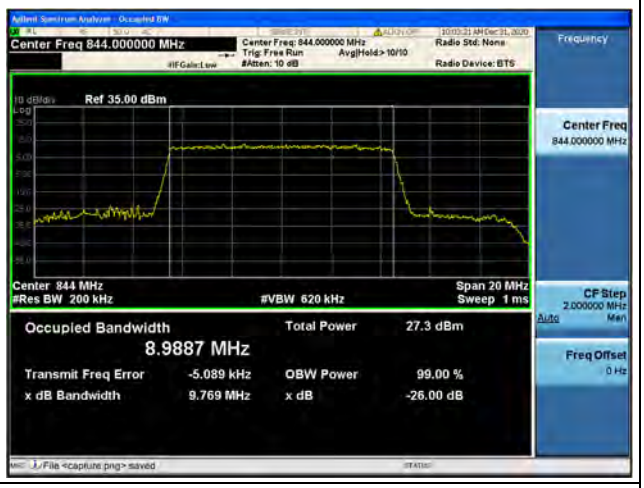
Band5 / 10MHz / Mid CH / QPSK

Band5 / 10MHz / Mid CH / 16QAM



Band5 / 10MHz / Mid CH / 64QAM

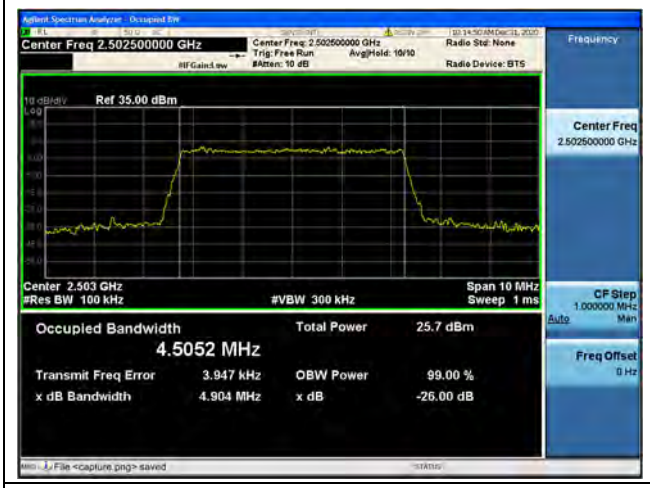
Band5 / 10MHz / High CH / QPSK



Band5 / 10MHz / High CH / 16QAM

Band5 / 10MHz / High CH / 64QAM

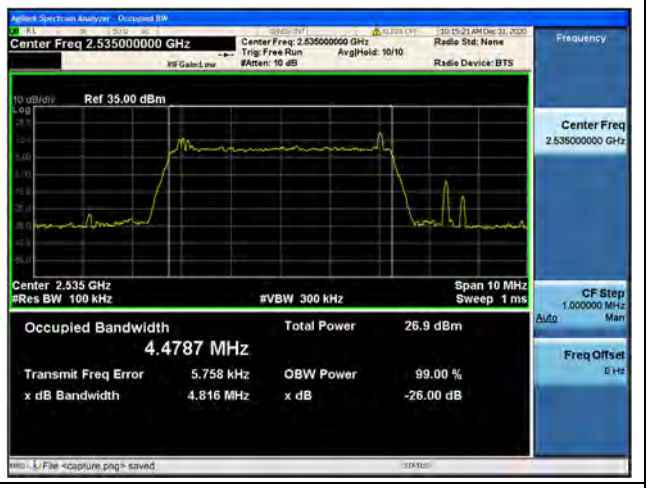
Band7 / 5MHz / Low CH / QPSK



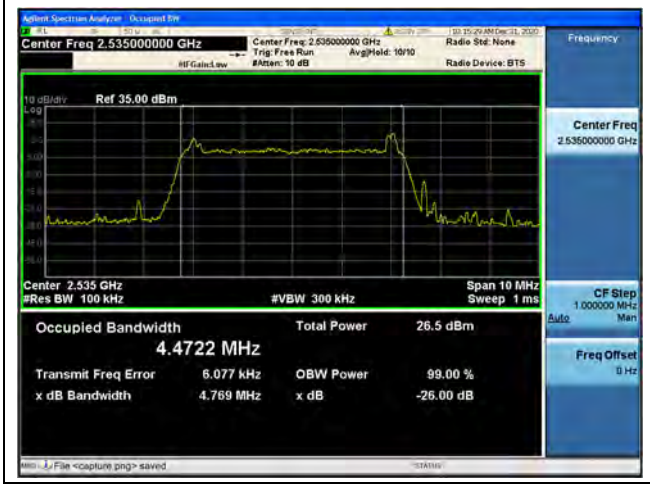
Band7 / 5MHz / Low CH / 16QAM

Band7 / 5MHz / Low CH / 64QAM

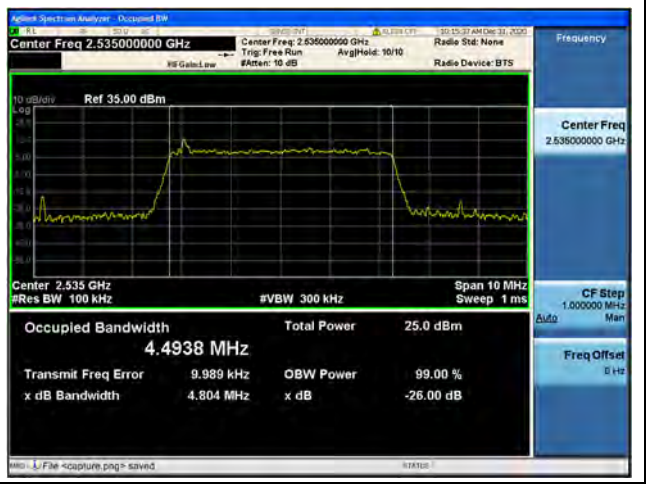
Band7 / 5MHz / Mid CH / QPSK



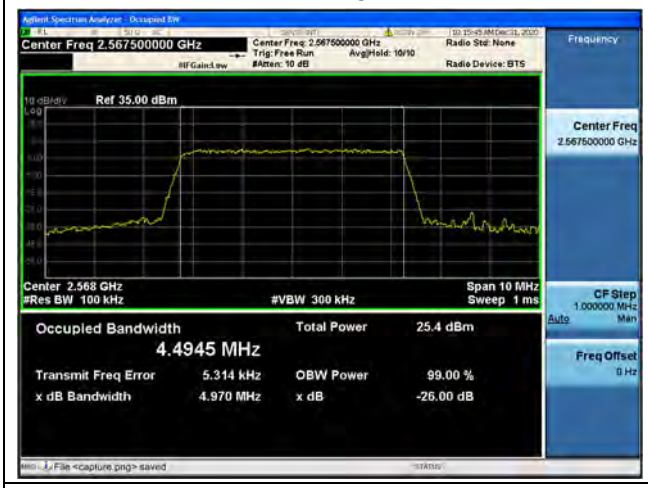
Band7 / 5MHz / Mid CH / 16QAM



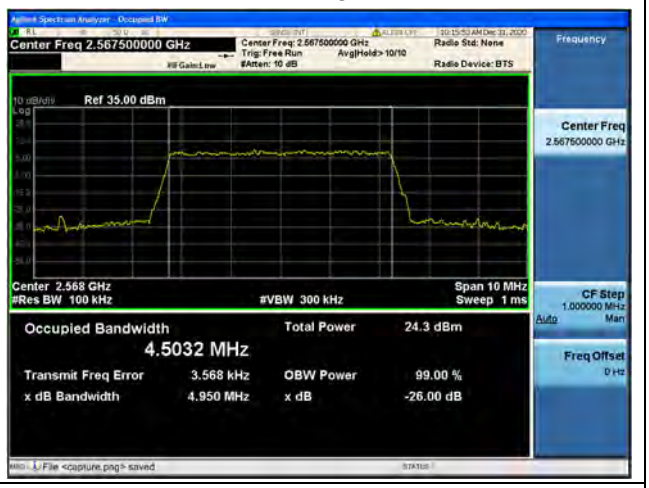
Band7 / 5MHz / Mid CH / 64QAM



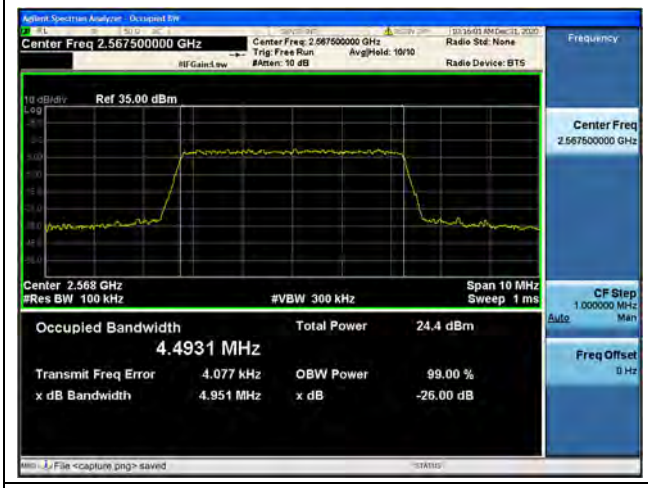
Band7 / 5MHz / High CH / QPSK



Band7 / 5MHz / High CH / 16QAM



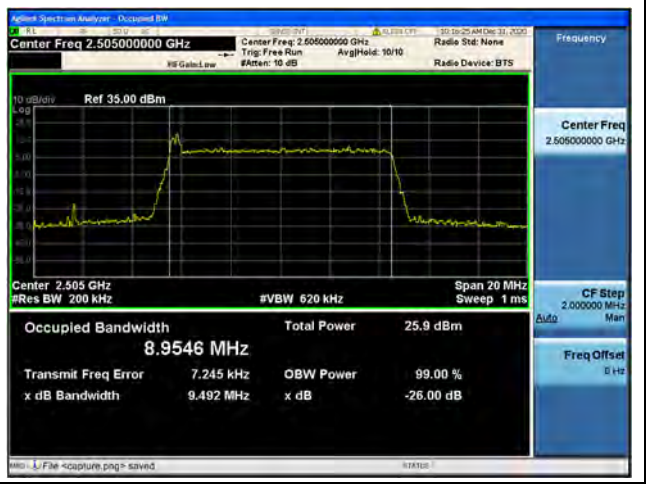
Band7 / 5MHz / High CH / 64QAM



Band7 / 10MHz / Low CH / QPSK

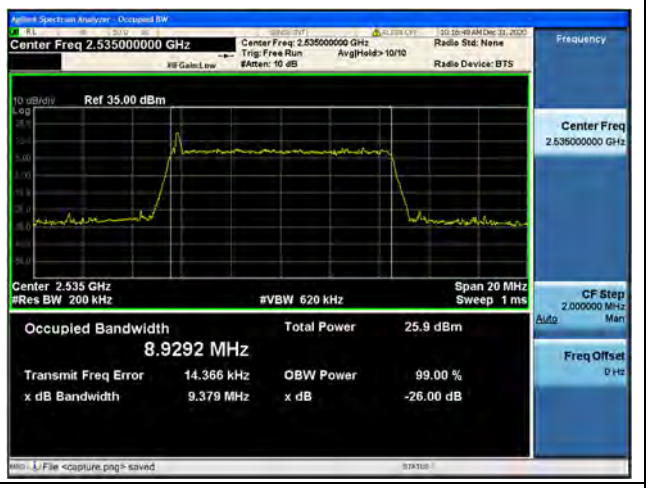
Band7 / 10MHz / Low CH / 16QAM

Band7 / 10MHz / Low CH / 64QAM



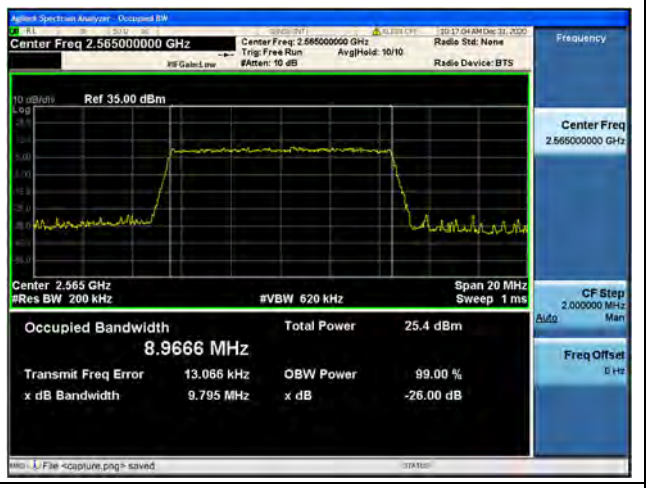
Band7 / 10MHz / Mid CH / QPSK

Band7 / 10MHz / Mid CH / 16QAM



Band7 / 10MHz / Mid CH / 64QAM

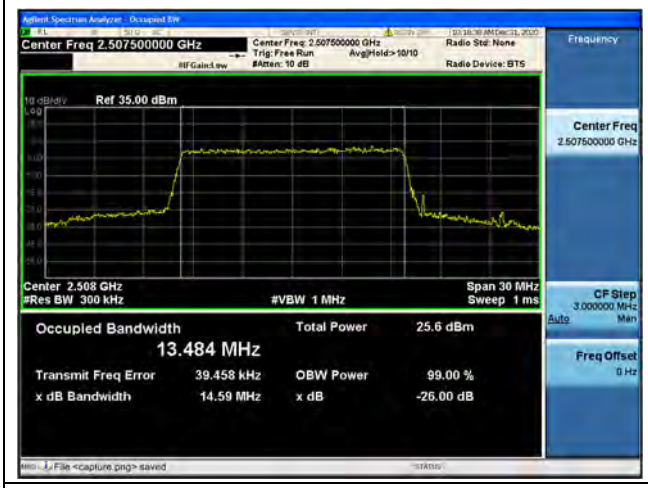
Band7 / 10MHz / High CH / QPSK



Band7 / 10MHz / High CH / 16QAM

Band7 / 10MHz / High CH / 64QAM

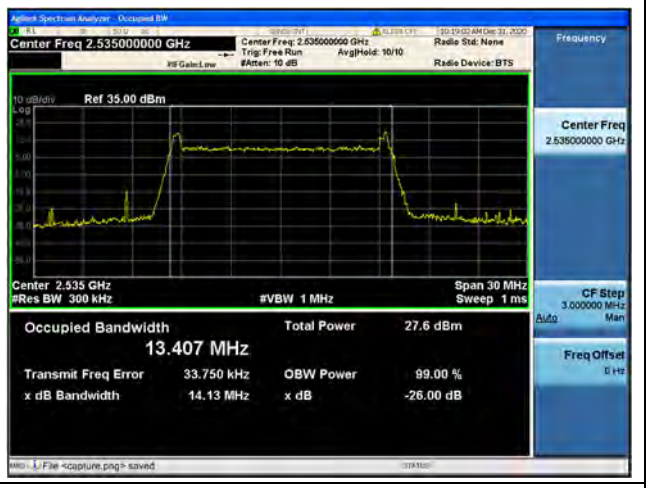
Band7 / 15MHz / Low CH / QPSK



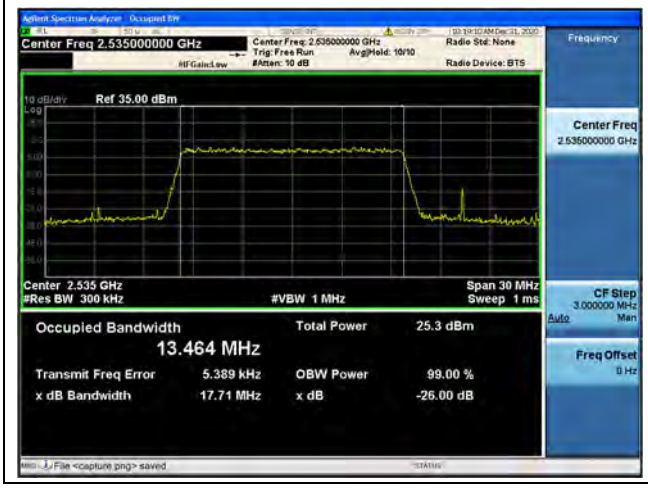
Band7 / 15MHz / Low CH / 16QAM

Band7 / 15MHz / Low CH / 64QAM

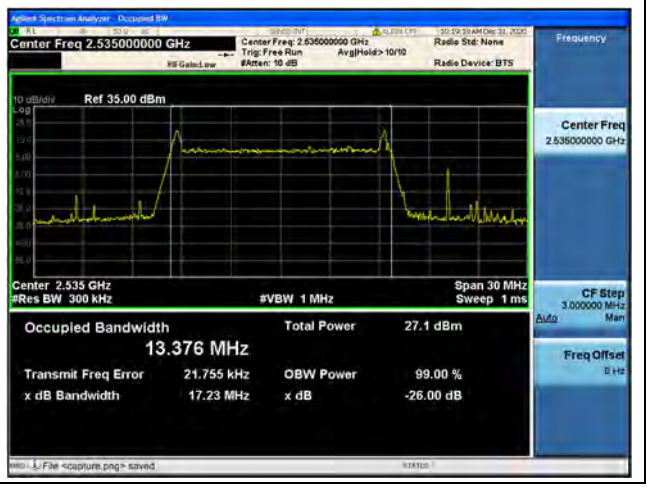
Band7 / 15MHz / Mid CH / QPSK



Band7 / 15MHz / Mid CH / 16QAM



Band7 / 15MHz / Mid CH / 64QAM



Band7 / 15MHz / High CH / QPSK

Band7 / 15MHz / High CH / 16QAM

Band7 / 15MHz / High CH / 64QAM

Band7 / 20MHz / Low CH / QPSK

Band7 / 20MHz / Low CH / 16QAM

Band7 / 20MHz / Low CH / 64QAM

Band7 / 20MHz / Mid CH / QPSK

Band7 / 20MHz / Mid CH / 16QAM

Band7 / 20MHz / Mid CH / 64QAM

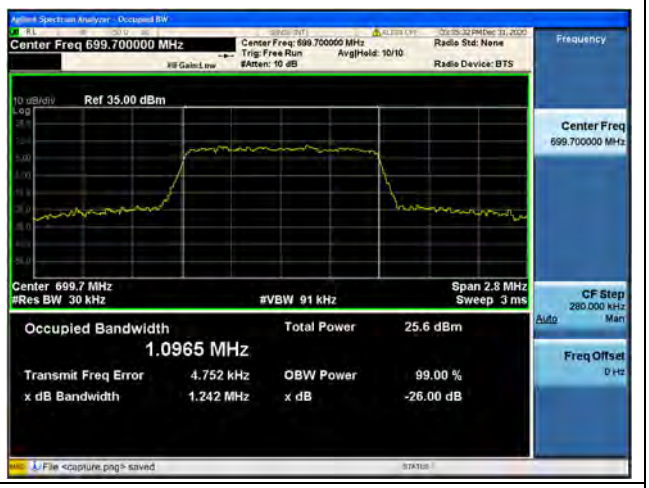
Band7 / 20MHz / High CH / QPSK

Band7 / 20MHz / High CH / 16QAM

Band7 / 20MHz / High CH / 64QAM

Band12 / 1.4MHz / Low CH / QPSK

Band12 / 1.4MHz / Low CH / 16QAM



Band12 / 1.4MHz / Low CH / 64QAM

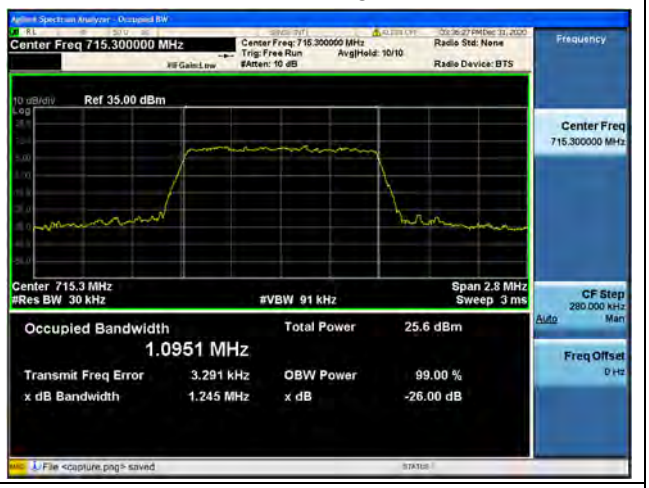
Band12 / 1.4MHz / Mid CH / QPSK

Band12 / 1.4MHz / Mid CH / 16QAM

Band12 / 1.4MHz / Mid CH / 64QAM

Band12 / 1.4MHz / High CH / QPSK

Band12 / 1.4MHz / High CH / 16QAM

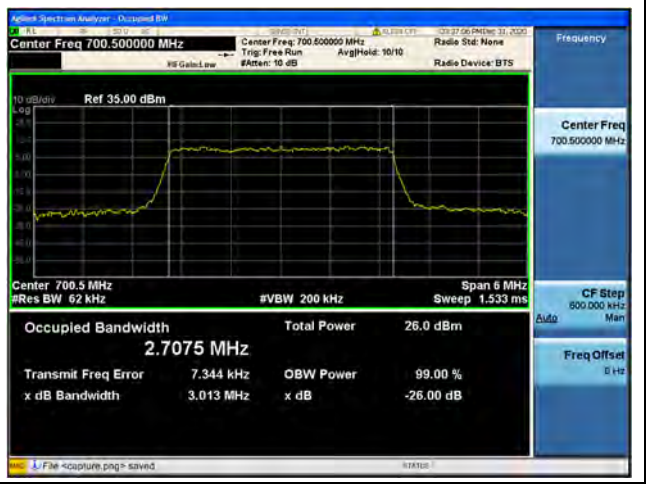


Band12 / 1.4MHz / High CH / 64QAM

Band12 / 3MHz / Low CH / QPSK

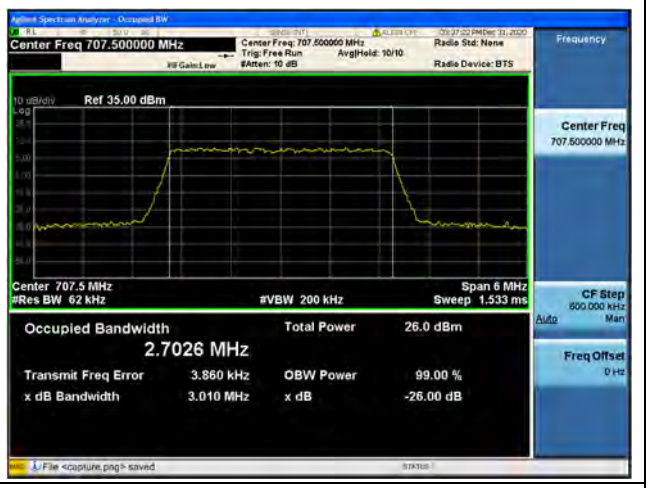
Band12 / 3MHz / Low CH / 16QAM

Band12 / 3MHz / Low CH / 64QAM



Band12 / 3MHz / Mid CH / QPSK

Band12 / 3MHz / Mid CH / 16QAM

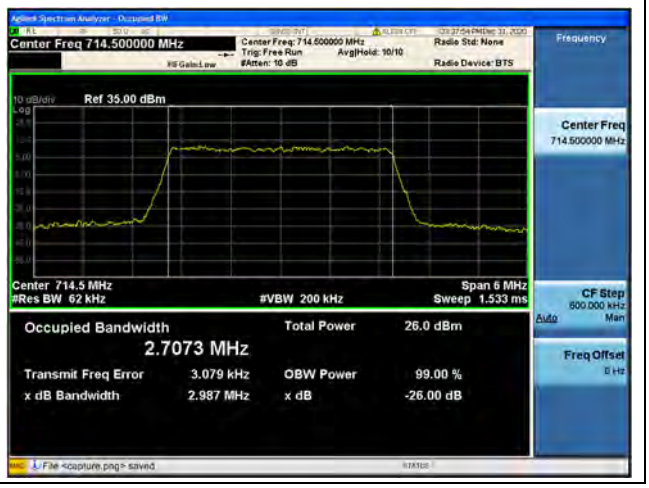


Band12 / 3MHz / Mid CH / 64QAM

Band12 / 3MHz / High CH / QPSK

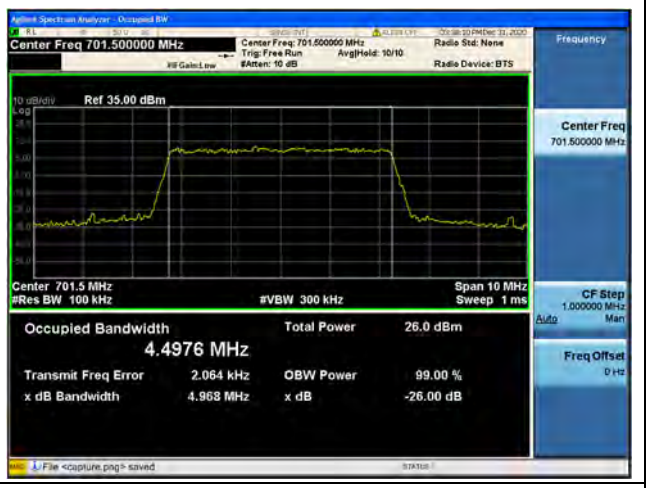
Band12 / 3MHz / High CH / 16QAM

Band12 / 3MHz / High CH / 64QAM



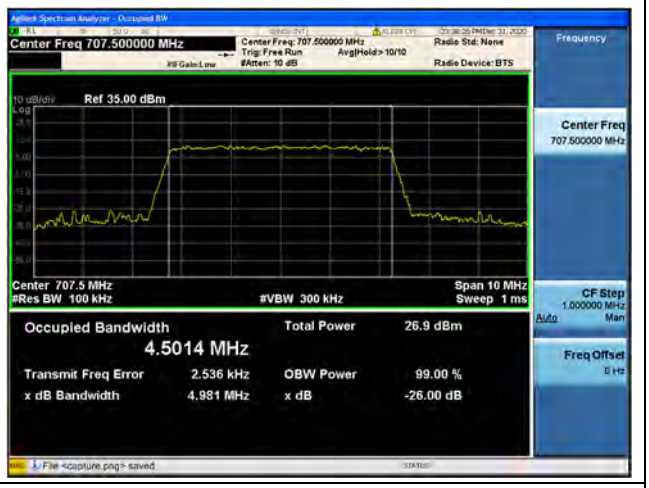
Band12 / 5MHz / Low CH / QPSK

Band12 / 5MHz / Low CH / 16QAM



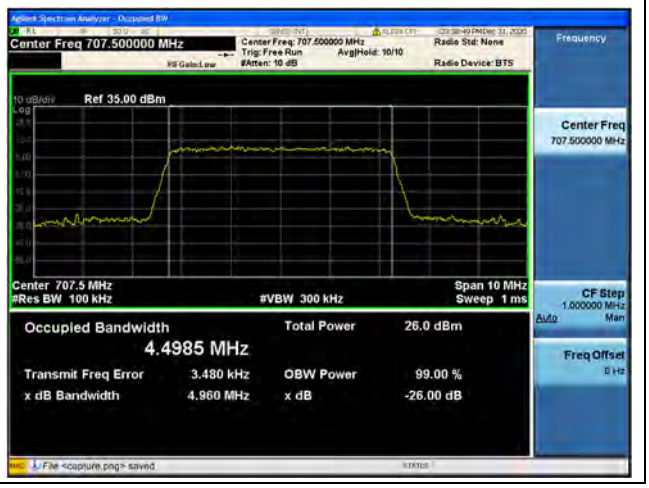
Band12 / 5MHz / Low CH / 64QAM

Band12 / 5MHz / Mid CH / QPSK

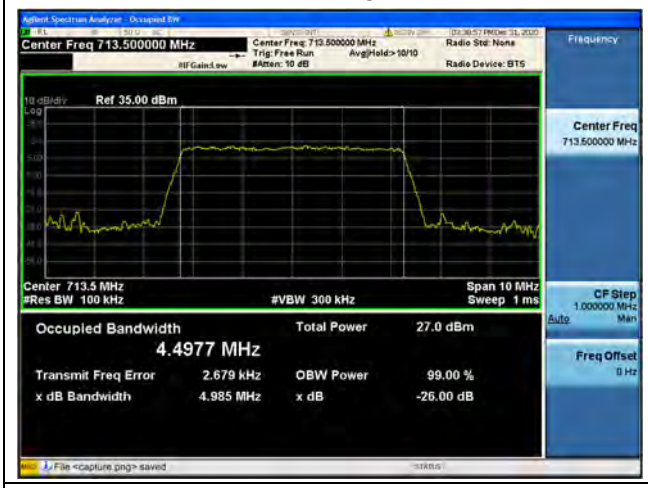


Band12 / 5MHz / Mid CH / 16QAM

Band12 / 5MHz / Mid CH / 64QAM



Band12 / 5MHz / High CH / QPSK



Band12 / 5MHz / High CH / 16QAM

Band12 / 5MHz / High CH / 64QAM

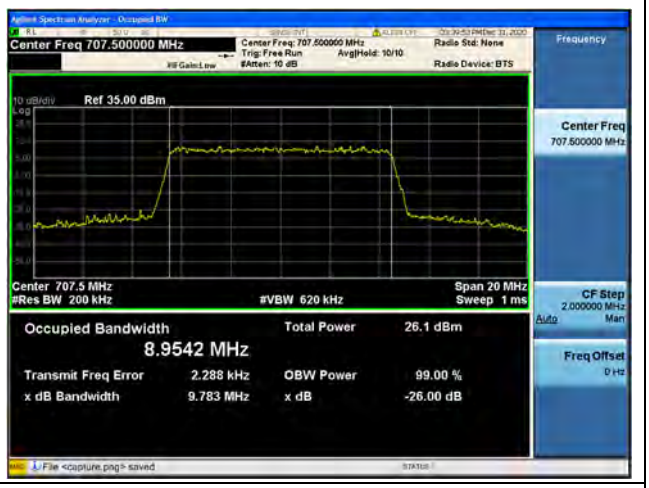
Band12 / 10MHz / Low CH / QPSK

Band12 / 10MHz / Low CH / 16QAM

Band12 / 10MHz / Low CH / 64QAM

Band12 / 10MHz / Mid CH / QPSK

Band12 / 10MHz / Mid CH / 16QAM

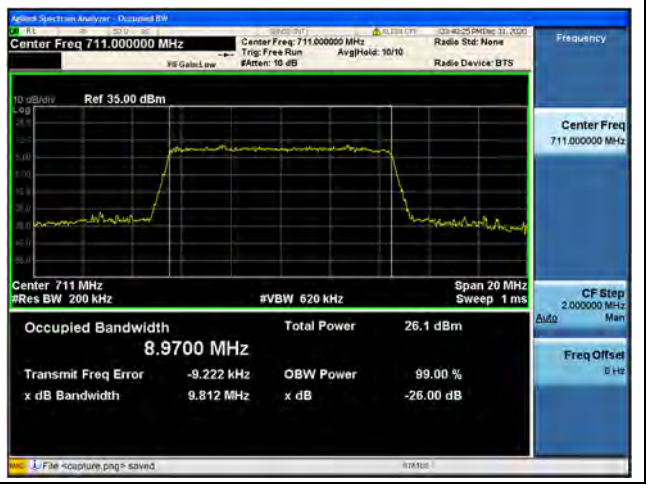


Band12 / 10MHz / Mid CH / 64QAM

Band12 / 10MHz / High CH / QPSK

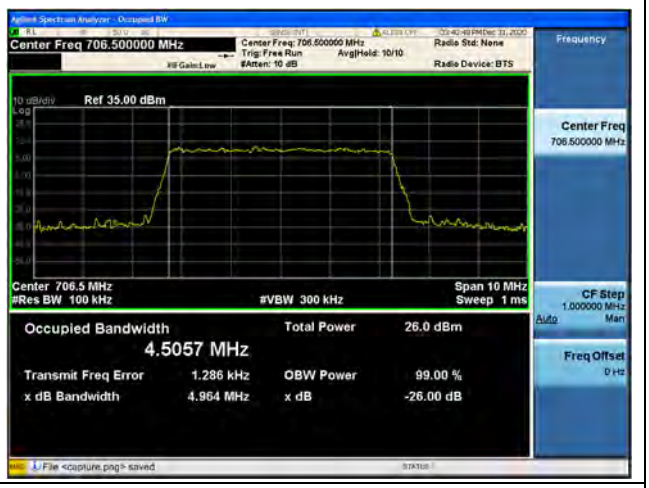
Band12 / 10MHz / High CH / 16QAM

Band12 / 10MHz / High CH / 64QAM

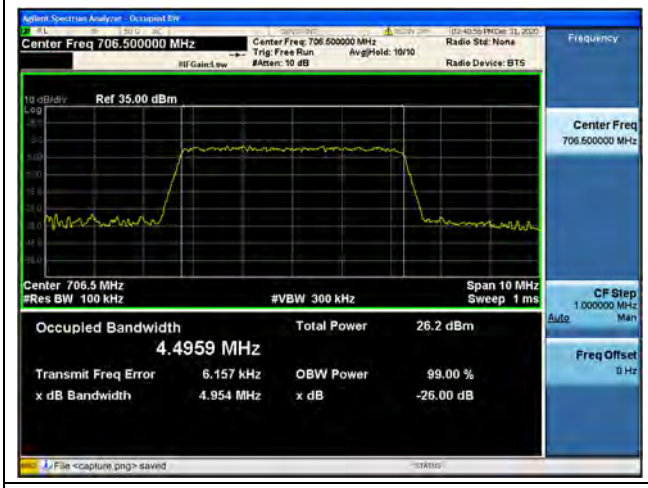


Band17 / 5MHz / Low CH / QPSK

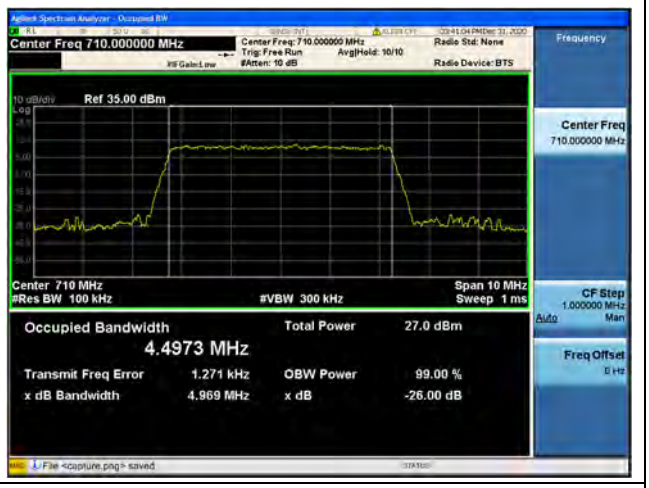
Band17 / 5MHz / Low CH / 16QAM



Band17 / 5MHz / Low CH / 64QAM

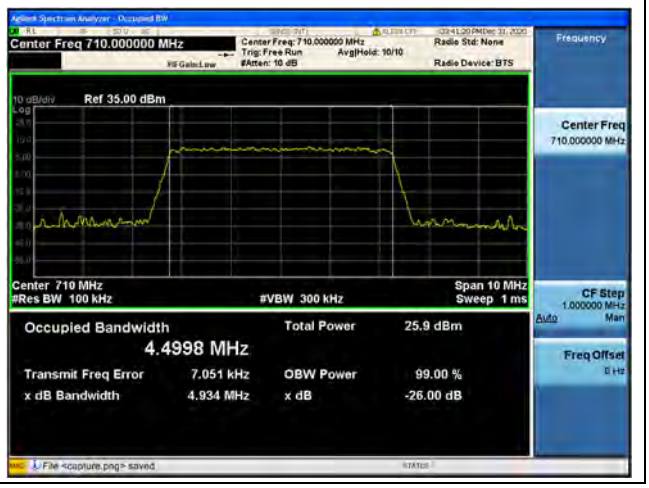


Band17 / 5MHz / Mid CH / QPSK



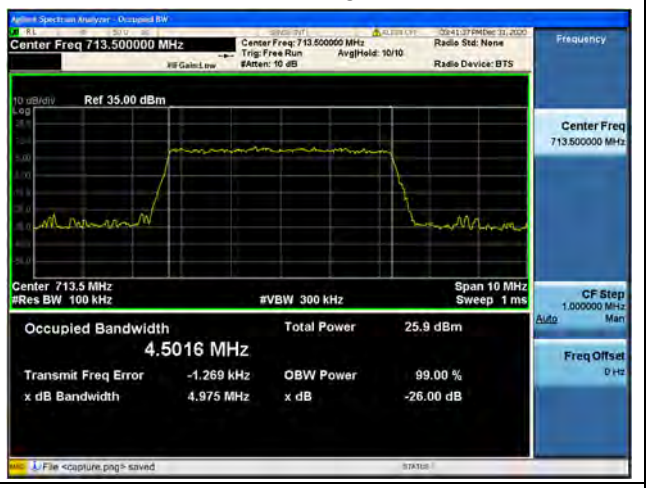
Band17 / 5MHz / Mid CH / 16QAM

Band17 / 5MHz / Mid CH / 64QAM

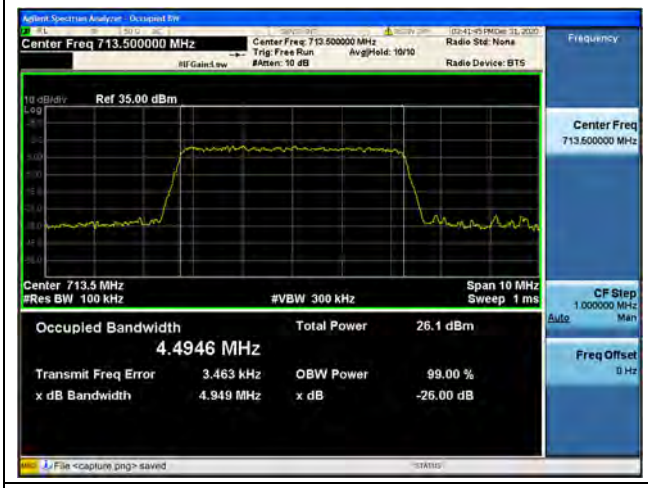


Band17 / 5MHz / High CH / QPSK

Band17 / 5MHz / High CH / 16QAM



Band17 / 5MHz / High CH / 64QAM

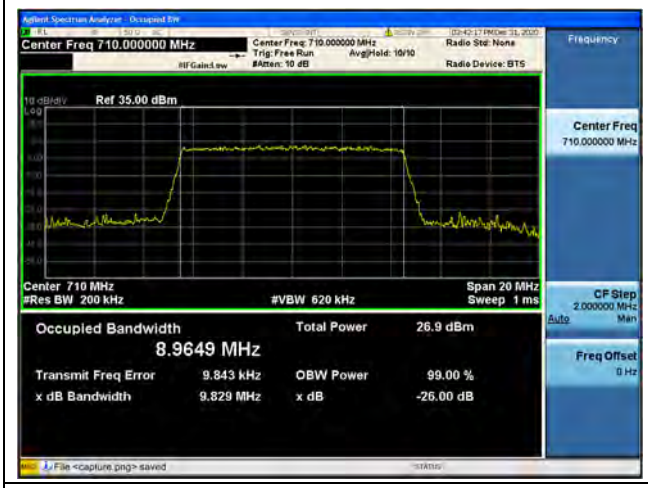


Band17 / 10MHz / Low CH / QPSK

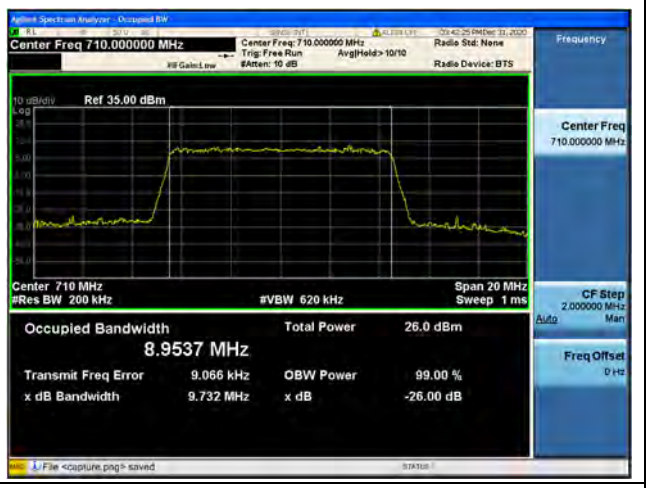
Band17 / 10MHz / Low CH / 16QAM

Band17 / 10MHz / Low CH / 64QAM

Band17 / 10MHz / Mid CH / QPSK

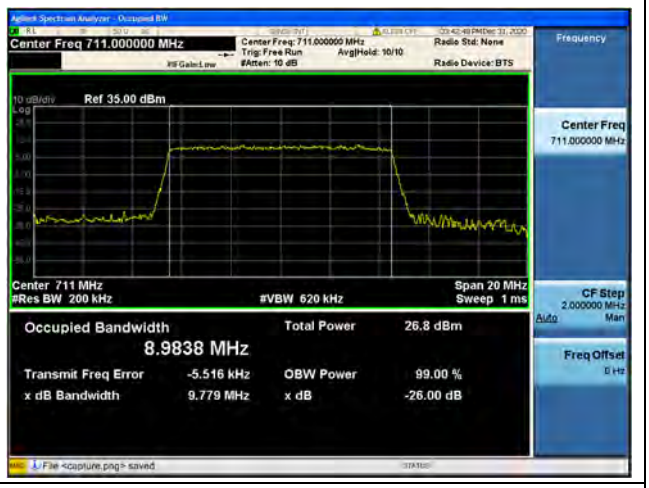


Band17 / 10MHz / Mid CH / 16QAM



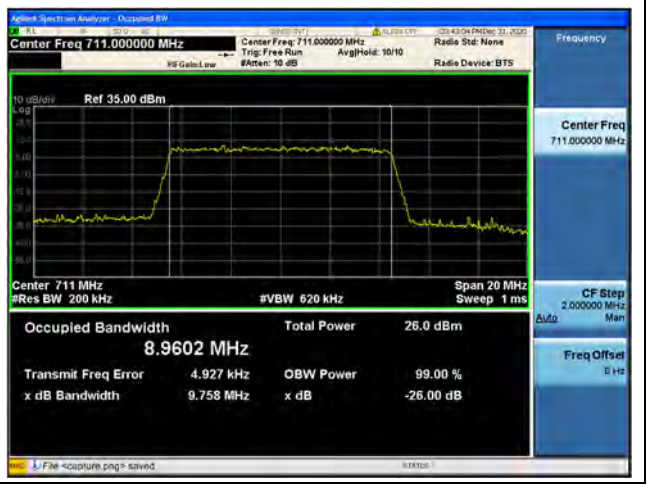
Band17 / 10MHz / Mid CH / 64QAM

Band17 / 10MHz / High CH / QPSK



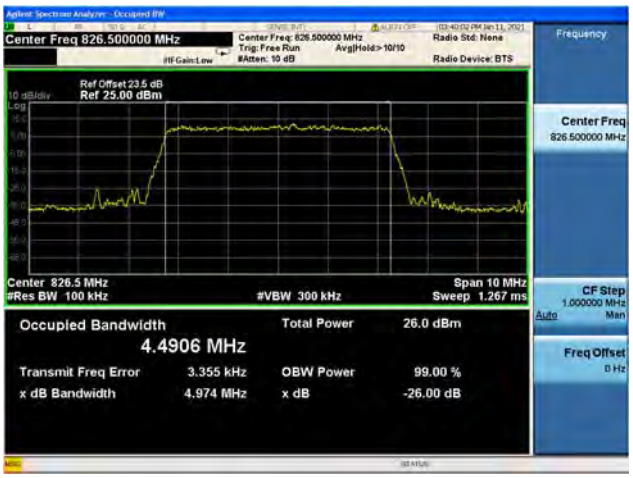
Band17 / 10MHz / High CH / 16QAM

Band17 / 10MHz / High CH / 64QAM



Band18 / 5MHz / Low CH / QPSK

Band18 / 5MHz / Low CH / 16QAM



Band18 / 5MHz / Low CH / 64QAM

Band18 / 5MHz / Mid CH / QPSK

Band18 / 5MHz / Mid CH / 16QAM

Band18 / 5MHz / Mid CH / 64QAM

Band18 / 5MHz / High CH / QPSK

Band18 / 5MHz / High CH / 16QAM

Band18 / 5MHz / High CH / 64QAM

Band19 / 5MHz / Low CH / QPSK

Band19 / 5MHz / Low CH / 16QAM

Band19 / 5MHz / Low CH / 64QAM

Band19 / 5MHz / Mid CH / QPSK

Band19 / 5MHz / Mid CH / 16QAM

Band19 / 5MHz / Mid CH / 64QAM

Band19 / 5MHz / High CH / QPSK

Band19 / 5MHz / High CH / 16QAM

Band19 / 5MHz / High CH / 64QAM

Band19 / 10MHz / Low CH / QPSK

Band19 / 10MHz / Low CH / 16QAM

Band19 / 10MHz / Low CH / 64QAM