TEST REPORT

APPLICANT	:	Hot Pepper Mobile Inc.
PRODUCT NAME	:	Smart Phone
MODEL NAME	:	HPPL60A
BRAND NAME	:	Hot Pepper
FCC ID	:	2A33N-L60C
STANDARD(S)	:	47 CFR Part 2 47 CFR Part 22, Subpart H 47 CFR Part 24, Subpart E 47 CFR Part 27, Subpart F&H&L 47 CFR Part 27, Subpart M&N
RECEIPT DATE	:	2022-01-13
TEST DATE	:	2022-01-19 to 2022-04-18
ISSUE DATE	:	2023-11-03

Edited by: Peng Mi (Rapporteur)

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Change History		
Version	Date	Reason for change
1.0	2023-11-03	First edition

1. Technical Information

Note: Provide by applicant.

1.1. Applicant and Manufacturer Information

Applicant:	Hot Pepper Mobile Inc.
Applicant Address:	350 10th Ave 1000 Ste San Diego CA 92101-8705
Manufacturer:	Hot Pepper Mobile Inc.
Manufacturer Address:	350 10th Ave 1000 Ste San Diego CA 92101-8705

1.2. Equipment Under Test (EUT) Description

Product Name:	Smart Phone	
Serial No.:	17#	
Hardware Version:	AA20_P2	
Software Version:	HPP-L60A-3.0.6	
Modulation Type:	QPSK, 16QAM, 64QAM	
Carrier Aggregation:	Only support downlink	
Operation Band:	Band 2 / 4 / 5 / 12 / 13 / 25 / 26 / 41 / 66 / 71	
Power Class:	Class 3 (Except for LTE Band 41 support both class 2 and class 3)	
Frequency Range:	LTE Band 2	Tx: 1850MHz–1910MHz
		Rx: 1930MHz–1990MHz
	LTE Band 4	Tx: 1710MHz–1755MHz
		Rx: 2110MHz–2155MHz
	LTE Band 5	Tx: 824MHz–849MHz
		Rx: 869MHz–894MHz
	LTE Band 12	Tx: 699MHz–716MHz
		Rx: 729MHz–746MHz
	LTE Band 13	Tx: 777MHz–787MHz
		Rx: 746MHz–756MHz
	LTE Band 25	Tx: 1850MHz–1915MHz
		Rx: 1930MHz–1995MHz
	LTE Band 26	Tx: 824MHz–849MHz
		Rx: 869MHz–894MHz

Frequency Range:	LTE Band 41	Tx: 2496MHz –2690MHz
		Tx: 2496MHz –2690MHz
	LTE Band 66	Tx: 1710MHz –1780MHz
		Rx: 2110MHz –2200MHz
	LTE Band 71	Tx: 663MHz –698MHz
		Rx: 617MHz –652MHz
Channel Bandwidth:	LTE Band 2	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
	LTE Band 4	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
	LTE Band 5	1.4MHz, 3MHz, 5MHz, 10MHz
	LTE Band 12	1.4MHz, 3 MHz, 5 MHz, 10MHz
	LTE Band 13	5 MHz, 10MHz
	LTE Band 25	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
	LTE Band 26	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz
	LTE Band 41	5 MHz, 10MHz, 15MHz, 20MHz
	LTE Band 66	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
	LTE Band 71	5MHz, 10MHz, 15MHz, 20MHz
Antenna Type:	Fixed Internal Antenna	
Antenna Gain:	LTE Band 2	0.5dBi
	LTE Band 4	0.2dBi
	LTE Band 5	-0.3dBi
	LTE Band 12	-0.5dBi
	LTE Band 13	-5.0dBi
	LTE Band 25	0.3dBi
	LTE Band 26	-0.3dBi
	LTE Band 41	0.8dBi
	LTE Band 66	0.2dBi
	LTE Band 71	-0.5dBi
Accessory Information:	Battery	
	Brand Name:	Hot Pepper
	Model No.:	HPP-L60A
	Serial No.:	N/A
	Capacity:	3200mAh
	Rated Voltage:	3.8V
	Charge Limit:	4.35V
	Manufacturer:	Shenzhen Aerospace Electronic Co., Ltd.

Accessory Information:	AC Adapter	
	Brand Name:	N/A
	Model No.:	TPA-46050200UU
	Serial No.:	N/A
	Rated Output:	5V⎓2A
	Rated Input:	100-240V~50/60Hz, 0.3A
	Manufacturer:	SHENZHEN TIANYIN ELECTRONICS CO.,LTD.
	USB Cable	
	Model No.:	Y50005
	Manufacturer:	ShenZhen Zhengda Electronic Technology CO.,LTD

Note 1: This test report is variant from the original report (Report No.: SZ21120041W02, FCC ID: 2A33N-L60A), based on the similarity between before, made the following changes:

1. Add LTE B13 by change software version
2. Changed Camera
3. Changed the RAM
4. Changed the FCC ID: 2A33N-L60C

The changes do not affect the test results.

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	0.239	0.195	0.154	18M0G7D	18M0W7D	18M0W7D
15	0.229	0.193	0.155	13M5G7D	13M5W7D	13M5W7D
10	0.230	0.194	0.154	9M00G7D	8M98W7D	8M99W7D
5	0.229	0.192	0.154	4M50G7D	4M51W7D	4M52W7D
3	0.231	0.195	0.155	2M69G7D	2M69W7D	2M70W7D
1.4	0.233	0.195	0.154	1M10G7D	1M10W7D	1M10W7D
LTE Band 4	**Maximum E.R.P./E.I.R.P. (W)**			**Emission Designator (99%OBW)**		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20	0.203	0.178	0.140	18M0G7D	18M0W7D	18M0W7D
15	0.200	0.175	0.138	13M5G7D	13M5W7D	13M5W7D
10	0.202	0.177	0.139	9M00G7D	8M97W7D	8M99W7D
5	0.201	0.176	0.139	4M50G7D	4M51W7D	4M51W7D
3	0.200	0.173	0.136	2M69G7D	2M70W7D	2M70W7D
1.4	0.197	0.173	0.141	1M10G7D	1M10W7D	1M10W7D
LTE Band 5	**Maximum E.R.P./E.I.R.P. (W)**			**Emission Designator (99%OBW)**		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10	0.135	0.109	0.087	9M00G7D	8M98W7D	8M99W7D
5	0.132	0.106	0.086	4M50G7D	4M50W7D	4M50W7D
3	0.132	0.107	0.086	2M69G7D	2M69W7D	2M70W7D
1.4	0.130	0.105	0.085	1M10G7D	1M10W7D	1M10W7D
LTE Band 12	**Maximum E.R.P./E.I.R.P. (W)**			**Emission Designator (99%OBW)**		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10	0.125	0.103	0.083	9M02G7D	9M00W7D	9M04W7D
5	0.124	0.102	0.082	4M52G7D	4M53W7D	4M52W7D
3	0.122	0.101	0.081	2M69G7D	2M70W7D	2M70W7D
1.4	0.124	0.102	0.082	1M107D	1M10W7D	1M10W7D
LTE Band 13	**Maximum E.R.P./E.I.R.P. (W)**			**Emission Designator (99%OBW)**		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10	0.046	0.036	0.030	9M02G7D	8M98W7D	9M01W7D
5	0.045	0.035	0.029	4M51G7D	4M52W7D	4M52W7D

LTE Band 25	Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20	0.228	0.186	0.146	18M0G7D	18M0W7D	18M0W7D
15	0.222	0.185	0.146	13M5G7D	13M5W7D	13M5W7D
10	0.223	0.186	0.146	9M03G7D	9M00W7D	9M02W7D
5	0.221	0.185	0.145	4M52G7D	4M52W7D	4M53W7D
3	0.225	0.186	0.147	2M69G7D	2M70W7D	2M70W7D
1.4	0.227	0.185	0.148	1M10G7D	1M10W7D	1M10W7D
LTE Band 26	**Maximum E.R.P./E.I.R.P. (W)**			**Emission Designator (99%OBW)**		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
15	0.131	0.105	0.085	13M5G7D	13M5W7D	13M5W7D
10	0.127	0.103	0.083	9M01G7D	8M99W7D	8M99W7D
5	0.127	0.103	0.083	4M50G7D	4M50W7D	4M50W7D
3	0.129	0.105	0.085	2M69G7D	2M69W7D	2M70W7D
1.4	0.128	0.104	0.085	1M10G7D	1M10W7D	1M10W7D
LTE Band 41	**Maximum E.R.P./E.I.R.P. (W)**			**Emission Designator (99%OBW)**		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20	0.410	0.336	0.261	18M0G7D	18M0W7D	18M0W7D
15	0.408	0.333	0.257	13M5G7D	13M5W7D	13M5W7D
10	0.403	0.334	0.256	9M00G7D	8M98W7D	9M00W7D
5	0.400	0.333	0.255	4M50G7D	4M53W7D	4M53W7D
LTE Band 66	**Maximum E.R.P./E.I.R.P. (W)**			**Emission Designator (99%OBW)**		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20	0.207	0.174	0.142	18M0G7D	18M0W7D	18M0W7D
15	0.201	0.170	0.138	13M5G7D	13M5W7D	13M5W7D
10	0.203	0.171	0.139	9M03G7D	8M99W7D	9M02W7D
5	0.200	0.169	0.137	4M52G7D	4M52W7D	4M53W7D
3	0.204	0.172	0.140	2M69G7D	2M69W7D	2M70W7D
1.4	0.206	0.174	0.141	1M10G7D	1M10W7D	1M10W7D
LTE Band 71	**Maximum E.R.P./E.I.R.P. (W)**			**Emission Designator (99%OBW)**		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20	0.127	0.105	0.085	18M0G7D	18M0W7D	18M0W7D
15	0.126	0.104	0.084	13M5G7D	13M5W7D	13M5W7D
10	0.125	0.103	0.084	9M02G7D	8M99W7D	9M02W7D
5	0.125	0.104	0.084	4M52G7D	4M51W7D	4M52W7D

1.4. Test Standards and Results

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

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

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

Section	Description	Test Date	Test Engineer	Result	Method Determination /Remark
2.1046 22.913(a)(2) 24.232(c) 27.50(b)(10) 27.50(c)(10) 27.50(d)(4) 27.50(h)(2)	Transmitter Conducted Output Power and E.R.P./E.I.R.P.	Apr. 15&18, 2022	Tan Xiaowei Li Huaijie	PASS	No deviation
2.1049	Occupied Bandwidth	Feb. 14, 2022	Li Huaijie	PASS	No deviation
2.1055 22.355 24.235 27.54	Frequency Stability	Feb. 17, 2022	Li Huaijie	PASS	No deviation
24.232(d), 27.50(d)(5)	Peak to Average Radio	Jan 21, 2022 Apr. 13, 2022	Li Huaijie	PASS	No deviation
2.1051 22.917(a) 24.238(a) 27.53(c)(2) 27.53(g) 27.53(h) 27.53(m)(4)	Conducted Spurious Emissions	Jan 21, 2022 Feb. 09&14, 2022	Li Huaijie	PASS	No deviation
2.1051 22.917(a)	Band Edge	Jan 20, 2022 Feb. 09, 2022	Li Huaijie	PASS	No deviation

24.238(a) 27.53(c)(2) 27.53(g) 27.53(h) 27.53(m)(4)					
2.1053 22.917(a) 24.238(a) 27.53(c)(2) 27.53(g) 27.53(h) 27.53(m)(4)	Radiated Spurious Emissions	Feb. 10&11, 2022	Lin Jiayong	PASS	No deviation

Note 1: The tests were performed according to the method of measurements prescribed in KDB971168 D01 v03 and ANSI/TIA-603-E-2016.
Note 2: The path loss during the RF test is calibrated to correct the results by the offset setting in the test equipments. The ref offset 24.5dB contains two parts that cable loss 14.5dB and Attenuator 10dB.
Note 3: Additions to, deviation, or exclusions from the method shall be judged in the "method determination" column of add, deviate or exclude from the specific method shall be explained in the "Remark" of the above table.
Note 4: When the test result is a critical value, we will use the measurement uncertainty give the judgment result based on the 95% confidence intervals.

1.5. Environmental Conditions

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

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

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

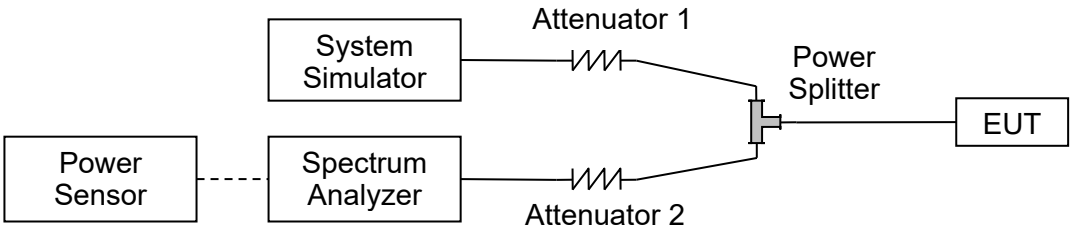
2.1. Transmitter Conducted Output Power and E.R.P./E.I.R.P.

2.1.1. Requirement

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

According to FCC section 24.232 (c) for LTE Band 2/25, Mobile and portable stations are limited to 2 watts E.I.R.P. and the equipment must employ a means for limiting power to the minimum necessary for successful communications.
According to FCC section 27.50 (d)(4) for LTE Band 4/66, Fixed, mobile and portable (hand-held) stations in the 1710-1755MHz band are limited to 1wat E.I.R.P.
According to FCC section22.913 (a)(2) for LTE Band 5/26, the E.R.P. of mobile transmitters and auxiliary test transmitters must not exceed 7 watts.
According to FCC section 27.50 (h)(2) for LTE Band 41, Mobile and other user stations. Mobile stations are limited to 2 watts E.I.R.P. All user stations are limited to 2 watts transmitter output power.
According to FCC section 27.50 (b)(10) for LTE Band 13, Portable stations (hand-held devices) transmitting in the 746-757 MHz, 776-788 MHz, and 805-806 MHz bands are limited to 3 watts E.R.P.
According to FCC section 27.50 (c)(10) for LTE Band 12/71, Portable stations (hand-held devices) operating in the 704-716MHz band are limited to 3watts E.R.P.

2.1.2. Test Description



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

2.1.3. Test Procedure

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

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

2.1.4. Result

Conducted Output Power

LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18700	18900	19100
Frequency (MHz)				1860	1880	1900
20	QPSK	1	0	23.27	23.28	23.21
20	QPSK	1	49	23.21	23.21	23.24
20	QPSK	1	99	23.08	23.18	23.06
20	QPSK	50	0	22.25	22.40	22.24
20	QPSK	50	24	22.14	22.29	22.07
20	QPSK	50	50	22.06	22.18	22.21
20	QPSK	100	0	22.35	22.37	22.17
20	16QAM	1	0	22.21	22.40	22.39
20	16QAM	1	49	22.23	22.36	22.40
20	16QAM	1	99	22.31	22.22	22.24
20	16QAM	50	0	21.33	21.39	21.40
20	16QAM	50	24	21.25	21.35	21.33
20	16QAM	50	50	21.22	21.36	21.21
20	16QAM	100	0	21.27	21.25	21.26
20	64QAM	1	0	21.28	21.23	21.31
20	64QAM	1	49	21.38	21.23	21.24
20	64QAM	1	99	21.34	21.38	21.32
20	64QAM	50	0	20.35	20.23	20.36
20	64QAM	50	24	20.21	20.40	20.37
20	64QAM	50	50	20.16	20.29	20.21
20	64QAM	100	0	20.31	20.27	20.29

LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18675	18900	19125
Frequency (MHz)				1857.5	1880	1902.5
15	QPSK	1	0	23.09	23.10	23.02
15	QPSK	1	37	23.03	23.03	23.05
15	QPSK	1	74	22.90	23.00	22.87
15	QPSK	36	0	22.17	22.37	22.15
15	QPSK	36	20	22.06	22.21	21.98
15	QPSK	36	39	21.98	22.10	22.12
15	QPSK	75	0	22.27	22.29	22.08
15	16QAM	1	0	22.33	22.32	22.30
15	16QAM	1	37	22.35	22.28	22.31
15	16QAM	1	74	22.23	22.34	22.35
15	16QAM	36	0	21.25	21.31	21.31
15	16QAM	36	20	21.17	21.27	21.24
15	16QAM	36	39	21.14	21.28	21.32
15	16QAM	75	0	21.19	21.17	21.17
15	64QAM	1	0	21.40	21.35	21.22
15	64QAM	1	37	21.30	21.35	21.35
15	64QAM	1	74	21.26	21.30	21.23
15	64QAM	36	0	20.27	20.35	20.27
15	64QAM	36	20	20.13	20.32	20.28
15	64QAM	36	39	20.08	20.21	20.32
15	64QAM	75	0	20.23	20.19	20.20

LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18650	18900	19150
Frequency (MHz)				1855	1880	1905
10	QPSK	1	0	23.10	23.12	23.04
10	QPSK	1	25	23.04	23.05	23.07
10	QPSK	1	49	22.91	23.02	22.89
10	QPSK	25	0	22.18	22.39	22.17
10	QPSK	25	12	22.07	22.23	22.00
10	QPSK	25	25	21.99	22.12	22.14
10	QPSK	50	0	22.28	22.31	22.10
10	16QAM	1	0	22.34	22.34	22.32
10	16QAM	1	25	22.36	22.30	22.33
10	16QAM	1	49	22.24	22.36	22.37
10	16QAM	25	0	21.26	21.33	21.33
10	16QAM	25	12	21.18	21.29	21.26
10	16QAM	25	25	21.15	21.30	21.34
10	16QAM	50	0	21.20	21.19	21.19
10	64QAM	1	0	21.21	21.37	21.24
10	64QAM	1	25	21.31	21.33	21.37
10	64QAM	1	49	21.27	21.32	21.25
10	64QAM	25	0	20.28	20.37	20.29
10	64QAM	25	12	20.14	20.34	20.30
10	64QAM	25	25	20.09	20.23	20.34
10	64QAM	50	0	20.24	20.21	20.22

LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18625	18900	19175
Frequency (MHz)				1852.5	1880	1907.5
5	QPSK	1	0	23.07	23.09	23.01
5	QPSK	1	12	23.01	23.02	23.04
5	QPSK	1	24	22.88	22.99	22.86
5	QPSK	12	0	22.15	22.36	22.14
5	QPSK	12	7	22.04	22.20	21.97
5	QPSK	12	13	21.96	22.09	22.11
5	QPSK	25	0	22.25	22.28	22.07
5	16QAM	1	0	22.31	22.31	22.29
5	16QAM	1	12	22.33	22.27	22.30
5	16QAM	1	24	22.21	22.33	22.34
5	16QAM	12	0	21.23	21.30	21.30
5	16QAM	12	7	21.15	21.26	21.23
5	16QAM	12	13	21.12	21.27	21.31
5	16QAM	25	0	21.17	21.16	21.16
5	64QAM	1	0	21.38	21.34	21.21
5	64QAM	1	12	21.28	21.34	21.34
5	64QAM	1	24	21.24	21.29	21.22
5	64QAM	12	0	20.25	20.34	20.26
5	64QAM	12	7	20.11	20.31	20.27
5	64QAM	12	13	20.06	20.20	20.31
5	64QAM	25	0	20.21	20.18	20.19

LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18615	18900	19185
Frequency (MHz)				1851.5	1880	1908.5
3	QPSK	1	0	23.12	23.14	23.06
3	QPSK	1	8	23.06	23.07	23.09
3	QPSK	1	14	22.93	23.04	22.91
3	QPSK	8	0	22.20	22.40	22.19
3	QPSK	8	4	22.09	22.25	22.02
3	QPSK	8	7	22.01	22.14	22.16
3	QPSK	15	0	22.30	22.33	22.12
3	16QAM	1	0	22.36	22.36	22.34
3	16QAM	1	8	22.38	22.32	22.35
3	16QAM	1	14	22.26	22.38	22.39
3	16QAM	8	0	21.28	21.35	21.35
3	16QAM	8	4	21.20	21.31	21.28
3	16QAM	8	7	21.17	21.32	21.36
3	16QAM	15	0	21.22	21.21	21.21
3	64QAM	1	0	21.23	21.39	21.26
3	64QAM	1	8	21.33	21.39	21.39
3	64QAM	1	14	21.29	21.34	21.27
3	64QAM	8	0	20.30	20.39	20.31
3	64QAM	8	4	20.16	20.36	20.32
3	64QAM	8	7	20.11	20.25	20.36
3	64QAM	15	0	20.26	20.23	20.24

LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18607	18900	19193
Frequency (MHz)				1850.7	1880	1909.3
1.4	QPSK	1	0	23.15	23.17	23.08
1.4	QPSK	1	3	23.09	23.10	23.11
1.4	QPSK	1	5	22.96	23.07	22.93
1.4	QPSK	3	0	22.23	22.24	22.21
1.4	QPSK	3	1	22.12	22.28	22.04
1.4	QPSK	3	3	22.04	22.17	22.18
1.4	QPSK	6	0	22.33	22.36	22.14
1.4	16QAM	1	0	22.39	22.39	22.36
1.4	16QAM	1	3	22.21	22.35	22.37
1.4	16QAM	1	5	22.29	22.21	22.31
1.4	16QAM	3	0	21.31	21.38	21.37
1.4	16QAM	3	1	21.23	21.34	21.30
1.4	16QAM	3	3	21.20	21.35	21.38
1.4	16QAM	6	0	21.25	21.24	21.23
1.4	64QAM	1	0	21.26	21.22	21.28
1.4	64QAM	1	3	21.36	21.22	21.21
1.4	64QAM	1	5	21.32	21.37	21.29
1.4	64QAM	3	0	20.33	20.22	20.33
1.4	64QAM	3	1	20.19	20.39	20.34
1.4	64QAM	3	3	20.14	20.28	20.38
1.4	64QAM	6	0	20.29	20.25	20.27

LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20050	20175	20300
Frequency (MHz)				1720	1732.5	1745
20	QPSK	1	0	22.82	22.87	22.80
20	QPSK	1	49	22.86	22.84	22.81
20	QPSK	1	99	22.72	22.77	22.70
20	QPSK	50	0	21.73	22.11	22.06
20	QPSK	50	24	21.98	21.95	21.94
20	QPSK	50	50	22.03	21.89	22.06
20	QPSK	100	0	22.05	22.01	22.08
20	16QAM	1	0	22.19	22.06	21.97
20	16QAM	1	49	22.01	22.16	21.99
20	16QAM	1	99	22.13	22.03	22.30
20	16QAM	50	0	21.04	21.06	20.99
20	16QAM	50	24	21.01	21.10	21.06
20	16QAM	50	50	21.12	20.94	21.20
20	16QAM	100	0	20.94	20.87	21.00
20	64QAM	1	0	21.02	21.11	21.27
20	64QAM	1	49	21.21	21.05	20.88
20	64QAM	1	99	21.03	20.96	21.08
20	64QAM	50	0	19.96	20.07	20.12
20	64QAM	50	24	20.00	20.01	20.14
20	64QAM	50	50	20.10	20.13	20.10
20	64QAM	100	0	20.03	20.20	19.91

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	22.76	22.82	22.74
15	QPSK	1	37	22.80	22.79	22.75
15	QPSK	1	74	22.66	22.72	22.64
15	QPSK	36	0	21.67	22.06	22.00
15	QPSK	36	20	21.92	21.90	21.88
15	QPSK	36	39	21.97	21.84	22.00
15	QPSK	75	0	21.99	21.96	22.05
15	16QAM	1	0	22.13	22.01	21.91
15	16QAM	1	37	21.95	22.11	21.93
15	16QAM	1	74	22.07	21.98	22.24
15	16QAM	36	0	20.98	21.01	20.93
15	16QAM	36	20	20.95	21.05	21.00
15	16QAM	36	39	21.06	20.89	21.14
15	16QAM	75	0	20.88	20.82	20.94
15	64QAM	1	0	20.96	21.06	21.21
15	64QAM	1	37	21.15	21.00	20.82
15	64QAM	1	74	20.97	20.91	21.02
15	64QAM	36	0	19.90	20.02	20.06
15	64QAM	36	20	19.94	19.96	20.08
15	64QAM	36	39	20.04	20.08	20.04
15	64QAM	75	0	19.97	20.15	19.85

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	22.81	22.86	22.79
10	QPSK	1	25	22.85	22.83	22.80
10	QPSK	1	49	22.71	22.76	22.69
10	QPSK	25	0	21.72	22.10	22.05
10	QPSK	25	12	21.97	21.94	21.93
10	QPSK	25	25	22.02	21.88	22.05
10	QPSK	50	0	22.04	22.00	22.07
10	16QAM	1	0	22.18	22.05	21.96
10	16QAM	1	25	22.00	22.15	21.98
10	16QAM	1	49	22.12	22.02	22.29
10	16QAM	25	0	21.03	21.05	20.98
10	16QAM	25	12	21.00	21.09	21.05
10	16QAM	25	25	21.11	20.93	21.19
10	16QAM	50	0	20.93	20.86	20.99
10	64QAM	1	0	20.99	21.08	21.24
10	64QAM	1	25	21.18	21.02	20.85
10	64QAM	1	49	21.00	20.93	21.05
10	64QAM	25	0	19.93	20.04	20.09
10	64QAM	25	12	19.97	19.98	20.11
10	64QAM	25	25	20.07	20.10	20.07
10	64QAM	50	0	20.00	20.17	19.88

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	22.78	22.83	22.76
5	QPSK	1	12	22.82	22.80	22.77
5	QPSK	1	24	22.68	22.73	22.66
5	QPSK	12	0	21.69	22.04	22.02
5	QPSK	12	7	21.94	21.91	21.90
5	QPSK	12	13	21.99	21.85	22.02
5	QPSK	25	0	22.01	21.97	22.07
5	16QAM	1	0	22.15	22.02	21.93
5	16QAM	1	12	21.97	22.12	21.95
5	16QAM	1	24	22.09	21.99	22.26
5	16QAM	12	0	21.00	21.02	20.95
5	16QAM	12	7	20.97	21.06	21.02
5	16QAM	12	13	21.08	20.90	21.16
5	16QAM	25	0	20.90	20.83	20.96
5	64QAM	1	0	20.98	21.07	21.23
5	64QAM	1	12	21.17	21.01	20.84
5	64QAM	1	24	20.99	20.92	21.04
5	64QAM	12	0	19.92	20.03	20.08
5	64QAM	12	7	19.96	19.97	20.10
5	64QAM	12	13	20.06	20.09	20.06
5	64QAM	25	0	19.99	20.16	19.87

LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				19965	20175	20385
Frequency (MHz)				1711.5	1732.5	1753.5
3	QPSK	1	0	22.70	22.81	22.68
3	QPSK	1	8	22.74	22.78	22.69
3	QPSK	1	14	22.60	22.71	22.58
3	QPSK	8	0	21.61	22.02	21.94
3	QPSK	8	4	21.86	21.89	21.82
3	QPSK	8	7	21.91	21.83	21.94
3	QPSK	15	0	21.93	21.95	21.99
3	16QAM	1	0	22.07	22.00	21.85
3	16QAM	1	8	21.89	22.10	21.87
3	16QAM	1	14	22.01	21.97	22.18
3	16QAM	8	0	20.92	21.00	20.87
3	16QAM	8	4	20.89	21.04	20.94
3	16QAM	8	7	21.00	20.88	21.08
3	16QAM	15	0	20.82	20.81	20.88
3	64QAM	1	0	20.90	21.05	21.15
3	64QAM	1	8	21.09	20.99	20.76
3	64QAM	1	14	20.91	20.90	20.96
3	64QAM	8	0	19.84	20.01	20.00
3	64QAM	8	4	19.88	19.95	20.02
3	64QAM	8	7	19.98	20.07	19.98
3	64QAM	15	0	19.97	20.26	19.97

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	22.69	22.74	22.67
1.4	QPSK	1	3	22.73	22.71	22.68
1.4	QPSK	1	5	22.59	22.64	22.57
1.4	QPSK	3	0	21.60	21.95	21.93
1.4	QPSK	3	1	21.85	21.82	21.81
1.4	QPSK	3	3	21.90	21.76	21.93
1.4	QPSK	6	0	21.92	21.88	21.98
1.4	16QAM	1	0	22.06	21.93	21.84
1.4	16QAM	1	3	21.88	22.03	21.86
1.4	16QAM	1	5	22.00	21.90	22.17
1.4	16QAM	3	0	20.91	20.93	20.86
1.4	16QAM	3	1	20.88	20.97	20.93
1.4	16QAM	3	3	20.99	20.81	21.07
1.4	16QAM	6	0	20.95	20.88	21.01
1.4	64QAM	1	0	21.03	21.12	21.28
1.4	64QAM	1	3	21.22	21.06	20.89
1.4	64QAM	1	5	21.04	20.97	21.09
1.4	64QAM	3	0	19.97	20.08	20.13
1.4	64QAM	3	1	20.01	20.02	20.15
1.4	64QAM	3	3	20.11	20.14	20.11
1.4	64QAM	6	0	20.04	20.21	19.92

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	23.67	23.74	23.59
10	QPSK	1	25	23.61	23.70	23.51
10	QPSK	1	49	23.51	23.59	23.54
10	QPSK	25	0	22.72	22.73	22.64
10	QPSK	25	12	22.66	22.61	22.70
10	QPSK	25	25	22.58	22.56	22.54
10	QPSK	50	0	22.71	22.61	22.60
10	16QAM	1	0	22.77	22.82	22.73
10	16QAM	1	25	22.73	22.80	22.66
10	16QAM	1	49	22.70	22.71	22.63
10	16QAM	25	0	21.70	21.67	21.71
10	16QAM	25	12	21.58	21.61	21.70
10	16QAM	25	25	21.62	21.52	21.60
10	16QAM	50	0	21.69	21.64	21.73
10	64QAM	1	0	21.84	21.71	21.87
10	64QAM	1	25	21.54	21.60	21.72
10	64QAM	1	49	21.56	21.51	21.67
10	64QAM	25	0	20.76	20.70	20.77
10	64QAM	25	12	20.60	20.57	20.55
10	64QAM	25	25	20.58	20.49	20.51
10	64QAM	50	0	20.65	20.66	20.67

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	23.57	23.64	23.49
5	QPSK	1	12	23.51	23.60	23.41
5	QPSK	1	24	23.41	23.39	23.34
5	QPSK	12	0	22.62	22.63	22.54
5	QPSK	12	7	22.56	22.51	22.60
5	QPSK	12	13	22.48	22.46	22.44
5	QPSK	25	0	22.61	22.51	22.50
5	16QAM	1	0	22.67	22.72	22.63
5	16QAM	1	12	22.63	22.70	22.56
5	16QAM	1	24	22.60	22.61	22.53
5	16QAM	12	0	21.60	21.57	21.61
5	16QAM	12	7	21.48	21.51	21.60
5	16QAM	12	13	21.52	21.42	21.50
5	16QAM	25	0	21.59	21.54	21.63
5	64QAM	1	0	21.74	21.61	21.77
5	64QAM	1	12	21.44	21.50	21.62
5	64QAM	1	24	21.46	21.41	21.57
5	64QAM	12	0	20.66	20.60	20.67
5	64QAM	12	7	20.50	20.47	20.45
5	64QAM	12	13	20.48	20.39	20.41
5	64QAM	25	0	20.55	20.56	20.57

LTE Band 5						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20415	20525	20635
Frequency (MHz)				825.5	836.5	847.5
3	QPSK	1	0	23.60	23.67	23.52
3	QPSK	1	8	23.54	23.63	23.44
3	QPSK	1	14	23.47	23.45	23.40
3	QPSK	8	0	22.65	22.66	22.57
3	QPSK	8	4	22.59	22.54	22.63
3	QPSK	8	7	22.51	22.49	22.47
3	QPSK	15	0	22.64	22.54	22.53
3	16QAM	1	0	22.70	22.75	22.66
3	16QAM	1	8	22.66	22.73	22.59
3	16QAM	1	14	22.63	22.64	22.56
3	16QAM	8	0	21.63	21.60	21.64
3	16QAM	8	4	21.51	21.54	21.63
3	16QAM	8	7	21.55	21.45	21.53
3	16QAM	15	0	21.62	21.57	21.66
3	64QAM	1	0	21.77	21.64	21.80
3	64QAM	1	8	21.47	21.53	21.65
3	64QAM	1	14	21.49	21.44	21.60
3	64QAM	8	0	20.69	20.63	20.70
3	64QAM	8	4	20.53	20.50	20.48
3	64QAM	8	7	20.51	20.42	20.44
3	64QAM	15	0	20.58	20.59	20.60

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	23.53	23.60	23.45
1.4	QPSK	1	3	23.47	23.56	23.37
1.4	QPSK	1	5	23.57	23.55	23.50
1.4	QPSK	3	0	22.66	22.67	22.58
1.4	QPSK	3	1	22.60	22.55	22.64
1.4	QPSK	3	3	22.52	22.50	22.48
1.4	QPSK	6	0	22.65	22.55	22.54
1.4	16QAM	1	0	22.63	22.68	22.59
1.4	16QAM	1	3	22.59	22.66	22.52
1.4	16QAM	1	5	22.56	22.57	22.49
1.4	16QAM	3	0	21.56	21.53	21.57
1.4	16QAM	3	1	21.44	21.47	21.56
1.4	16QAM	3	3	21.48	21.38	21.46
1.4	16QAM	6	0	21.55	21.50	21.59
1.4	64QAM	1	0	21.70	21.57	21.73
1.4	64QAM	1	3	21.40	21.46	21.58
1.4	64QAM	1	5	21.42	21.37	21.53
1.4	64QAM	3	0	20.62	20.56	20.63
1.4	64QAM	3	1	20.46	20.43	20.41
1.4	64QAM	3	3	20.44	20.35	20.37
1.4	64QAM	6	0	20.51	20.52	20.53

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	23.57	23.61	23.56
10	QPSK	1	25	23.51	23.56	23.54
10	QPSK	1	49	23.50	23.52	23.58
10	QPSK	25	0	22.81	22.82	22.70
10	QPSK	25	12	22.75	22.81	22.68
10	QPSK	25	25	22.64	22.71	22.56
10	QPSK	50	0	22.74	22.69	22.66
10	16QAM	1	0	22.73	22.65	22.76
10	16QAM	1	25	22.66	22.56	22.71
10	16QAM	1	49	22.70	22.64	22.63
10	16QAM	25	0	21.66	21.72	21.71
10	16QAM	25	12	21.56	21.80	21.74
10	16QAM	25	25	21.64	21.63	21.62
10	16QAM	50	0	21.68	21.74	21.65
10	64QAM	1	0	21.64	21.65	21.78
10	64QAM	1	25	21.84	21.58	21.64
10	64QAM	1	49	21.52	21.73	21.62
10	64QAM	25	0	20.82	20.83	20.75
10	64QAM	25	12	20.76	20.80	20.73
10	64QAM	25	25	20.65	20.59	20.63
10	64QAM	50	0	20.63	20.64	20.67

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	23.54	23.58	23.53
5	QPSK	1	12	23.48	23.53	23.51
5	QPSK	1	24	23.47	23.49	23.55
5	QPSK	12	0	22.74	22.79	22.67
5	QPSK	12	7	22.72	22.78	22.65
5	QPSK	12	13	22.61	22.68	22.53
5	QPSK	25	0	22.71	22.66	22.63
5	16QAM	1	0	22.70	22.62	22.73
5	16QAM	1	12	22.63	22.53	22.68
5	16QAM	1	24	22.67	22.61	22.60
5	16QAM	12	0	21.63	21.69	21.68
5	16QAM	12	7	21.53	21.77	21.71
5	16QAM	12	13	21.61	21.60	21.59
5	16QAM	25	0	21.65	21.71	21.62
5	64QAM	1	0	21.61	21.62	21.75
5	64QAM	1	12	21.81	21.55	21.61
5	64QAM	1	24	21.49	21.70	21.59
5	64QAM	12	0	20.79	20.80	20.72
5	64QAM	12	7	20.73	20.77	20.70
5	64QAM	12	13	20.62	20.56	20.60
5	64QAM	25	0	20.60	20.61	20.64

LTE Band 12						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23025	23095	23165
Frequency (MHz)				700.5	707.5	714.5
3	QPSK	1	0	23.49	23.53	23.49
3	QPSK	1	8	23.43	23.48	23.51
3	QPSK	1	14	23.42	23.44	23.50
3	QPSK	8	0	22.69	22.74	22.63
3	QPSK	8	4	22.67	22.73	22.61
3	QPSK	8	7	22.56	22.63	22.49
3	QPSK	15	0	22.66	22.61	22.59
3	16QAM	1	0	22.65	22.57	22.69
3	16QAM	1	8	22.58	22.48	22.64
3	16QAM	1	14	22.62	22.56	22.56
3	16QAM	8	0	21.58	21.64	21.64
3	16QAM	8	4	21.48	21.72	21.67
3	16QAM	8	7	21.56	21.55	21.55
3	16QAM	15	0	21.60	21.66	21.58
3	64QAM	1	0	21.56	21.57	21.71
3	64QAM	1	8	21.76	21.50	21.57
3	64QAM	1	14	21.44	21.65	21.55
3	64QAM	8	0	20.74	20.75	20.68
3	64QAM	8	4	20.68	20.72	20.66
3	64QAM	8	7	20.57	20.51	20.56
3	64QAM	15	0	20.55	20.56	20.60

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	23.53	23.57	23.52
1.4	QPSK	1	3	23.47	23.52	23.50
1.4	QPSK	1	5	23.46	23.48	23.54
1.4	QPSK	3	0	22.73	22.78	22.66
1.4	QPSK	3	1	22.71	22.77	22.64
1.4	QPSK	3	3	22.60	22.67	22.52
1.4	QPSK	6	0	22.70	22.65	22.62
1.4	16QAM	1	0	22.69	22.61	22.72
1.4	16QAM	1	3	22.62	22.52	22.67
1.4	16QAM	1	5	22.66	22.60	22.59
1.4	16QAM	3	0	21.62	21.68	21.67
1.4	16QAM	3	1	21.52	21.76	21.70
1.4	16QAM	3	3	21.60	21.59	21.58
1.4	16QAM	6	0	21.64	21.70	21.61
1.4	64QAM	1	0	21.60	21.61	21.74
1.4	64QAM	1	3	21.80	21.54	21.60
1.4	64QAM	1	5	21.48	21.69	21.58
1.4	64QAM	3	0	20.78	20.79	20.71
1.4	64QAM	3	1	20.72	20.76	20.69
1.4	64QAM	3	3	20.61	20.55	20.59
1.4	64QAM	6	0	20.59	20.60	20.63

LTE Band 13						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				/	23230	/
Frequency (MHz)				/	782	/
10	QPSK	1	0	/	23.75	/
10	QPSK	1	25	/	23.72	/
10	QPSK	1	49	/	23.65	/
10	QPSK	25	0	/	22.63	/
10	QPSK	25	12	/	22.51	/
10	QPSK	25	25	/	22.57	/
10	QPSK	50	0	/	22.52	/
10	16QAM	1	0	/	22.72	/
10	16QAM	1	25	/	22.67	/
10	16QAM	1	49	/	22.54	/
10	16QAM	25	0	/	21.61	/
10	16QAM	25	12	/	21.60	/
10	16QAM	25	25	/	21.64	/
10	16QAM	50	0	/	21.70	/
10	64QAM	1	0	/	21.88	/
10	64QAM	1	25	/	21.82	/
10	64QAM	1	49	/	21.64	/
10	64QAM	25	0	/	20.53	/
10	64QAM	25	12	/	20.61	/
10	64QAM	25	25	/	20.54	/
10	64QAM	50	0	/	20.64	/

LTE Band 13						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23205	23230	23255
Frequency (MHz)				779.5	782	784.5
5	QPSK	1	0	23.60	23.68	23.63
5	QPSK	1	12	23.54	23.59	23.57
5	QPSK	1	24	23.51	23.53	23.50
5	QPSK	12	0	22.59	22.61	22.52
5	QPSK	12	7	22.45	22.55	22.58
5	QPSK	12	13	22.59	22.51	22.52
5	QPSK	25	0	22.54	22.50	22.58
5	16QAM	1	0	22.64	22.60	22.57
5	16QAM	1	12	22.59	22.55	22.52
5	16QAM	1	24	22.56	22.52	22.49
5	16QAM	12	0	21.63	21.59	21.56
5	16QAM	12	7	21.62	21.58	21.55
5	16QAM	12	13	21.66	21.62	21.59
5	16QAM	25	0	21.62	21.58	21.55
5	64QAM	1	0	21.80	21.76	21.73
5	64QAM	1	12	21.74	21.70	21.67
5	64QAM	1	24	21.56	21.52	21.49
5	64QAM	12	0	20.55	20.51	20.48
5	64QAM	12	7	20.63	20.59	20.56
5	64QAM	12	13	20.56	20.52	20.49
5	64QAM	25	0	20.66	20.62	20.59

LTE Band 25						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26140	26365	26590
Frequency (MHz)				1860	1882.5	1905
20	QPSK	1	0	23.12	23.27	23.18
20	QPSK	1	49	23.26	23.22	23.19
20	QPSK	1	99	23.00	23.08	23.15
20	QPSK	50	0	22.31	22.40	22.39
20	QPSK	50	24	22.33	22.21	22.37
20	QPSK	50	50	22.27	22.26	22.40
20	QPSK	100	0	22.35	22.23	22.27
20	16QAM	1	0	22.39	22.33	22.23
20	16QAM	1	49	22.24	22.24	22.11
20	16QAM	1	99	22.18	22.16	22.23
20	16QAM	50	0	21.25	21.34	21.31
20	16QAM	50	24	21.17	21.26	21.32
20	16QAM	50	50	21.20	21.30	21.22
20	16QAM	100	0	21.16	21.35	21.24
20	64QAM	1	0	21.34	21.23	21.28
20	64QAM	1	49	21.30	21.18	21.23
20	64QAM	1	99	21.26	21.12	21.28
20	64QAM	50	0	20.34	20.38	20.30
20	64QAM	50	24	20.37	20.30	20.27
20	64QAM	50	50	20.24	20.31	20.28
20	64QAM	100	0	20.33	20.26	20.32

LTE Band 25						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26115	26365	26615
Frequency (MHz)				1857.5	1882.5	1907.5
15	QPSK	1	0	23.01	23.17	23.08
15	QPSK	1	37	23.15	23.11	23.08
15	QPSK	1	74	22.89	22.97	23.04
15	QPSK	36	0	22.30	22.29	22.28
15	QPSK	36	20	22.22	22.10	22.26
15	QPSK	36	39	22.16	22.15	22.29
15	QPSK	75	0	22.34	22.22	22.26
15	16QAM	1	0	22.38	22.32	22.22
15	16QAM	1	37	22.23	22.23	22.10
15	16QAM	1	74	22.17	22.15	22.22
15	16QAM	36	0	21.24	21.33	21.30
15	16QAM	36	20	21.16	21.25	21.31
15	16QAM	36	39	21.19	21.29	21.21
15	16QAM	75	0	21.15	21.34	21.23
15	64QAM	1	0	21.33	21.22	21.27
15	64QAM	1	37	21.29	21.17	21.22
15	64QAM	1	74	21.25	21.11	21.27
15	64QAM	36	0	20.33	20.37	20.29
15	64QAM	36	20	20.36	20.29	20.26
15	64QAM	36	39	20.13	20.20	20.17
15	64QAM	75	0	20.22	20.15	20.21

LTE Band 25						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26090	26365	26640
Frequency (MHz)				1855	1882.5	1910
10	QPSK	1	0	23.03	23.19	23.09
10	QPSK	1	25	23.17	23.14	23.10
10	QPSK	1	49	22.91	23.00	23.06
10	QPSK	25	0	22.32	22.32	22.30
10	QPSK	25	12	22.24	22.13	22.28
10	QPSK	25	25	22.18	22.18	22.31
10	QPSK	50	0	22.36	22.25	22.28
10	16QAM	1	0	22.40	22.35	22.24
10	16QAM	1	25	22.25	22.26	22.12
10	16QAM	1	49	22.19	22.18	22.24
10	16QAM	25	0	21.26	21.36	21.32
10	16QAM	25	12	21.18	21.28	21.33
10	16QAM	25	25	21.21	21.32	21.23
10	16QAM	50	0	21.17	21.37	21.25
10	64QAM	1	0	21.35	21.25	21.29
10	64QAM	1	25	21.31	21.20	21.24
10	64QAM	1	49	21.27	21.14	21.29
10	64QAM	25	0	20.35	20.40	20.31
10	64QAM	25	12	20.38	20.32	20.28
10	64QAM	25	25	20.15	20.23	20.19
10	64QAM	50	0	20.24	20.18	20.23

LTE Band 25						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26065	26365	26665
Frequency (MHz)				1852.5	1882.5	1912.5
5	QPSK	1	0	23.00	23.15	23.06
5	QPSK	1	12	23.14	23.10	23.07
5	QPSK	1	24	22.88	22.96	23.03
5	QPSK	12	0	22.29	22.28	22.27
5	QPSK	12	7	22.21	22.09	22.25
5	QPSK	12	13	22.15	22.14	22.28
5	QPSK	25	0	22.33	22.21	22.25
5	16QAM	1	0	22.37	22.31	22.21
5	16QAM	1	12	22.22	22.22	22.09
5	16QAM	1	24	22.16	22.14	22.21
5	16QAM	12	0	21.22	21.31	21.28
5	16QAM	12	7	21.14	21.23	21.29
5	16QAM	12	13	21.17	21.27	21.19
5	16QAM	25	0	21.13	21.32	21.21
5	64QAM	1	0	21.31	21.20	21.25
5	64QAM	1	12	21.27	21.15	21.20
5	64QAM	1	24	21.23	21.09	21.25
5	64QAM	12	0	20.31	20.35	20.27
5	64QAM	12	7	20.34	20.27	20.24
5	64QAM	12	13	20.11	20.18	20.15
5	64QAM	25	0	20.20	20.13	20.19

LTE Band 25						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26055	26365	26675
Frequency (MHz)				1851.5	1882.5	1913.5
3	QPSK	1	0	23.06	23.23	23.12
3	QPSK	1	8	23.20	23.18	23.13
3	QPSK	1	14	22.94	23.04	23.09
3	QPSK	8	0	22.35	22.36	22.33
3	QPSK	8	4	22.27	22.17	22.31
3	QPSK	8	7	22.21	22.22	22.34
3	QPSK	15	0	22.39	22.29	22.31
3	16QAM	1	0	22.33	22.39	22.27
3	16QAM	1	8	22.28	22.30	22.15
3	16QAM	1	14	22.22	22.22	22.27
3	16QAM	8	0	21.29	21.40	21.35
3	16QAM	8	4	21.21	21.32	21.36
3	16QAM	8	7	21.24	21.36	21.26
3	16QAM	15	0	21.20	21.31	21.28
3	64QAM	1	0	21.38	21.29	21.32
3	64QAM	1	8	21.34	21.24	21.27
3	64QAM	1	14	21.30	21.18	21.32
3	64QAM	8	0	20.38	20.34	20.34
3	64QAM	8	4	20.31	20.36	20.31
3	64QAM	8	7	20.18	20.27	20.22
3	64QAM	15	0	20.27	20.22	20.26

LTE Band 25						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26047	26365	26683
Frequency (MHz)				1850.7	1882.5	1914.3
1.4	QPSK	1	0	23.11	23.26	23.17
1.4	QPSK	1	3	23.21	23.17	23.14
1.4	QPSK	1	5	22.95	23.03	23.10
1.4	QPSK	3	0	22.36	22.35	22.34
1.4	QPSK	3	1	22.28	22.16	22.32
1.4	QPSK	3	3	22.22	22.21	22.35
1.4	QPSK	6	0	22.40	22.28	22.32
1.4	16QAM	1	0	22.34	22.38	22.28
1.4	16QAM	1	3	22.29	22.29	22.16
1.4	16QAM	1	5	22.23	22.21	22.28
1.4	16QAM	3	0	21.30	21.39	21.36
1.4	16QAM	3	1	21.22	21.31	21.37
1.4	16QAM	3	3	21.25	21.35	21.27
1.4	16QAM	6	0	21.21	21.40	21.29
1.4	64QAM	1	0	21.39	21.28	21.33
1.4	64QAM	1	3	21.35	21.23	21.28
1.4	64QAM	1	5	21.31	21.17	21.33
1.4	64QAM	3	0	20.39	20.33	20.35
1.4	64QAM	3	1	20.32	20.35	20.32
1.4	64QAM	3	3	20.19	20.26	20.23
1.4	64QAM	6	0	20.28	20.21	20.27

LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26865	26915	26965
Frequency (MHz)				831.5	836.5	841.5
15	QPSK	1	0	23.63	23.44	23.51
15	QPSK	1	37	23.59	23.56	23.58
15	QPSK	1	74	23.45	23.32	23.38
15	QPSK	36	0	22.65	22.51	22.61
15	QPSK	36	20	22.58	22.52	22.60
15	QPSK	36	39	22.54	22.41	22.53
15	QPSK	75	0	22.55	22.54	22.59
15	16QAM	1	0	22.65	22.63	22.68
15	16QAM	1	37	22.64	22.62	22.63
15	16QAM	1	74	22.58	22.60	22.61
15	16QAM	36	0	21.60	21.53	21.54
15	16QAM	36	20	21.55	21.56	21.58
15	16QAM	36	39	21.50	21.45	21.56
15	16QAM	75	0	21.61	21.57	21.64
15	64QAM	1	0	21.72	21.65	21.73
15	64QAM	1	37	21.70	21.42	21.54
15	64QAM	1	74	21.63	21.55	21.63
15	64QAM	36	0	20.63	20.50	20.58
15	64QAM	36	20	20.63	20.49	20.54
15	64QAM	36	39	20.57	20.55	20.60
15	64QAM	75	0	20.69	20.49	20.55

LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26840	26915	26990
Frequency (MHz)				829.0	836.5	844.0
10	QPSK	1	0	23.32	23.41	23.42
10	QPSK	1	25	23.46	23.38	23.49
10	QPSK	1	49	23.17	23.17	23.29
10	QPSK	25	0	22.45	22.41	22.52
10	QPSK	25	12	22.46	22.43	22.51
10	QPSK	25	25	22.41	22.41	22.44
10	QPSK	50	0	22.42	22.40	22.50
10	16QAM	1	0	22.50	22.50	22.59
10	16QAM	1	25	22.52	22.51	22.54
10	16QAM	1	49	22.44	22.41	22.52
10	16QAM	25	0	21.44	21.44	21.45
10	16QAM	25	12	21.44	21.45	21.49
10	16QAM	25	25	21.40	21.36	21.47
10	16QAM	50	0	21.50	21.52	21.55
10	64QAM	1	0	21.54	21.54	21.64
10	64QAM	1	25	21.33	21.34	21.45
10	64QAM	1	49	21.52	21.43	21.54
10	64QAM	25	0	20.37	20.46	20.49
10	64QAM	25	12	20.41	20.39	20.45
10	64QAM	25	25	20.42	20.40	20.51
10	64QAM	50	0	20.44	20.39	20.46

LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26815	26915	27015
Frequency (MHz)				826.5	836.5	846.5
5	QPSK	1	0	23.26	23.24	23.35
5	QPSK	1	12	23.45	23.37	23.47
5	QPSK	1	24	23.44	23.40	23.48
5	QPSK	12	0	22.41	22.44	22.50
5	QPSK	12	7	22.47	22.43	22.49
5	QPSK	12	13	22.40	22.41	22.42
5	QPSK	25	0	22.44	22.47	22.48
5	16QAM	1	0	22.56	22.48	22.57
5	16QAM	1	12	22.49	22.40	22.52
5	16QAM	1	24	22.39	22.40	22.50
5	16QAM	12	0	21.37	21.39	21.43
5	16QAM	12	7	21.37	21.39	21.47
5	16QAM	12	13	21.38	21.44	21.45
5	16QAM	25	0	21.44	21.50	21.53
5	64QAM	1	0	21.53	21.51	21.62
5	64QAM	1	12	21.39	21.35	21.43
5	64QAM	1	24	21.41	21.50	21.52
5	64QAM	12	0	20.41	20.45	20.47
5	64QAM	12	7	20.31	20.42	20.43
5	64QAM	12	13	20.43	20.48	20.49
5	64QAM	25	0	20.60	20.55	20.64

LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26805	26915	27025
Frequency (MHz)				825.5	836.5	847.5
3	QPSK	1	0	23.38	23.45	23.50
3	QPSK	1	8	23.50	23.51	23.57
3	QPSK	1	14	23.26	23.32	23.37
3	QPSK	8	0	22.54	22.48	22.60
3	QPSK	8	4	22.48	22.49	22.59
3	QPSK	8	7	22.50	22.42	22.52
3	QPSK	15	0	22.50	22.57	22.58
3	16QAM	1	0	22.56	22.65	22.67
3	16QAM	1	8	22.57	22.50	22.62
3	16QAM	1	14	22.50	22.57	22.60
3	16QAM	8	0	21.48	21.51	21.53
3	16QAM	8	4	21.45	21.48	21.57
3	16QAM	8	7	21.54	21.52	21.55
3	16QAM	15	0	21.55	21.53	21.63
3	64QAM	1	0	21.62	21.70	21.72
3	64QAM	1	8	21.46	21.45	21.53
3	64QAM	1	14	21.54	21.55	21.62
3	64QAM	8	0	20.51	20.48	20.57
3	64QAM	8	4	20.42	20.45	20.53
3	64QAM	8	7	20.57	20.52	20.59
3	64QAM	15	0	20.43	20.47	20.54

LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26797	26915	27033
Frequency (MHz)				824.7	836.5	848.3
1.4	QPSK	1	0	23.33	23.34	23.45
1.4	QPSK	1	3	23.48	23.40	23.52
1.4	QPSK	1	5	23.21	23.30	23.32
1.4	QPSK	3	0	22.44	22.52	22.55
1.4	QPSK	3	1	22.47	22.49	22.54
1.4	QPSK	3	3	22.45	22.36	22.47
1.4	QPSK	6	0	22.43	22.50	22.53
1.4	16QAM	1	0	22.52	22.59	22.62
1.4	16QAM	1	3	22.55	22.52	22.57
1.4	16QAM	1	5	22.44	22.53	22.55
1.4	16QAM	3	0	21.46	21.42	21.48
1.4	16QAM	3	1	21.42	21.48	21.52
1.4	16QAM	3	3	21.39	21.39	21.50
1.4	16QAM	6	0	21.61	21.60	21.65
1.4	64QAM	1	0	21.70	21.62	21.74
1.4	64QAM	1	3	21.50	21.49	21.55
1.4	64QAM	1	5	21.59	21.52	21.64
1.4	64QAM	3	0	20.54	20.55	20.59
1.4	64QAM	3	1	20.51	20.54	20.55
1.4	64QAM	3	3	20.53	20.51	20.61
1.4	64QAM	6	0	20.49	20.51	20.56

LTE Band 41						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39750	40620	41490
Frequency (MHz)				2506	2593	2680
20	QPSK	1	0	25.26	25.33	25.22
20	QPSK	1	49	25.21	25.30	25.17
20	QPSK	1	99	25.19	25.12	25.06
20	QPSK	50	0	24.29	24.45	24.38
20	QPSK	50	24	24.31	24.35	24.32
20	QPSK	50	50	24.20	24.25	24.25
20	QPSK	100	0	24.42	24.42	24.41
20	16QAM	1	0	24.46	24.46	24.35
20	16QAM	1	49	24.40	24.45	24.31
20	16QAM	1	99	24.32	24.32	24.30
20	16QAM	50	0	23.31	23.41	23.39
20	16QAM	50	24	23.30	23.40	23.31
20	16QAM	50	50	23.25	23.27	23.26
20	16QAM	100	0	23.41	23.29	23.34
20	64QAM	1	0	23.36	23.28	23.26
20	64QAM	1	49	23.25	23.30	23.21
20	64QAM	1	99	23.24	23.22	23.17
20	64QAM	50	0	22.31	22.36	22.41
20	64QAM	50	24	22.28	22.29	22.35
20	64QAM	50	50	22.14	22.38	22.29
20	64QAM	100	0	22.42	22.31	22.36

LTE Band 41						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39725	40620	41515
Frequency (MHz)				2503.5	2593	2682.5
15	QPSK	1	0	25.20	25.31	25.16
15	QPSK	1	37	25.15	25.19	25.11
15	QPSK	1	74	25.13	25.09	25.00
15	QPSK	36	0	24.23	24.42	24.32
15	QPSK	36	20	24.25	24.32	24.26
15	QPSK	36	39	24.14	24.22	24.19
15	QPSK	75	0	24.36	24.39	24.35
15	16QAM	1	0	24.40	24.43	24.29
15	16QAM	1	37	24.34	24.42	24.25
15	16QAM	1	74	24.26	24.29	24.24
15	16QAM	36	0	23.25	23.38	23.33
15	16QAM	36	20	23.24	23.37	23.25
15	16QAM	36	39	23.19	23.24	23.20
15	16QAM	75	0	23.35	23.26	23.28
15	64QAM	1	0	23.30	23.25	23.20
15	64QAM	1	37	23.19	23.27	23.15
15	64QAM	1	74	23.18	23.19	23.11
15	64QAM	36	0	22.25	22.33	22.35
15	64QAM	36	20	22.22	22.26	22.29
15	64QAM	36	39	22.08	22.35	22.23
15	64QAM	75	0	22.36	22.31	22.30

LTE Band 41						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39700	40620	41540
Frequency (MHz)				2501	2593	2685
10	QPSK	1	0	25.18	25.25	25.13
10	QPSK	1	25	25.13	25.21	25.08
10	QPSK	1	49	25.11	25.10	24.97
10	QPSK	25	0	24.21	24.43	24.29
10	QPSK	25	12	24.23	24.33	24.23
10	QPSK	25	25	24.12	24.23	24.16
10	QPSK	50	0	24.34	24.40	24.32
10	16QAM	1	0	24.38	24.44	24.26
10	16QAM	1	25	24.32	24.43	24.22
10	16QAM	1	49	24.24	24.30	24.21
10	16QAM	25	0	23.23	23.39	23.30
10	16QAM	25	12	23.22	23.38	23.22
10	16QAM	25	25	23.17	23.25	23.17
10	16QAM	50	0	23.33	23.27	23.25
10	64QAM	1	0	23.28	23.26	23.17
10	64QAM	1	25	23.17	23.28	23.12
10	64QAM	1	49	23.16	23.20	23.08
10	64QAM	25	0	22.23	22.34	22.32
10	64QAM	25	12	22.20	22.27	22.26
10	64QAM	25	25	22.06	22.36	22.20
10	64QAM	50	0	22.34	22.31	22.32

LTE Band 41						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39675	40620	41565
Frequency (MHz)				2498.5	2593	2687.5
5	QPSK	1	0	25.19	25.22	25.11
5	QPSK	1	12	25.10	25.21	25.10
5	QPSK	1	24	25.08	25.08	24.99
5	QPSK	12	0	24.18	24.41	24.31
5	QPSK	12	7	24.20	24.31	24.25
5	QPSK	12	13	24.09	24.21	24.18
5	QPSK	25	0	24.31	24.38	24.34
5	16QAM	1	0	24.35	24.42	24.28
5	16QAM	1	12	24.29	24.41	24.24
5	16QAM	1	24	24.21	24.28	24.23
5	16QAM	12	0	23.20	23.37	23.32
5	16QAM	12	7	23.19	23.36	23.24
5	16QAM	12	13	23.14	23.23	23.19
5	16QAM	25	0	23.30	23.25	23.27
5	64QAM	1	0	23.25	23.24	23.19
5	64QAM	1	12	23.14	23.26	23.14
5	64QAM	1	24	23.13	23.18	23.10
5	64QAM	12	0	22.20	22.32	22.34
5	64QAM	12	7	22.17	22.25	22.28
5	64QAM	12	13	22.03	22.34	22.22
5	64QAM	25	0	22.31	22.27	22.29

LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				132072	132322	132572
Frequency (MHz)				1720	1745	1770
20	QPSK	1	0	22.93	22.95	22.89
20	QPSK	1	49	22.88	22.93	22.87
20	QPSK	1	99	22.75	22.82	22.82
20	QPSK	50	0	22.08	22.16	22.13
20	QPSK	50	24	22.01	22.04	22.06
20	QPSK	50	50	21.96	22.00	22.13
20	QPSK	100	0	22.03	21.95	22.08
20	16QAM	1	0	22.15	22.21	21.98
20	16QAM	1	49	22.04	22.11	21.95
20	16QAM	1	99	21.87	22.03	22.01
20	16QAM	50	0	21.17	21.13	21.17
20	16QAM	50	24	21.00	20.97	21.13
20	16QAM	50	50	21.02	20.86	21.04
20	16QAM	100	0	21.12	21.02	21.16
20	64QAM	1	0	21.30	21.28	21.26
20	64QAM	1	49	21.23	21.14	21.14
20	64QAM	1	99	21.18	21.31	21.16
20	64QAM	50	0	20.03	20.19	20.30
20	64QAM	50	24	20.21	20.04	20.11
20	64QAM	50	50	20.10	20.01	20.04
20	64QAM	100	0	20.13	20.10	20.08

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	22.83	22.84	22.79
15	QPSK	1	37	22.78	22.82	22.77
15	QPSK	1	74	22.65	22.71	22.72
15	QPSK	36	0	21.98	22.05	22.03
15	QPSK	36	20	21.91	21.93	21.96
15	QPSK	36	39	21.86	21.89	22.03
15	QPSK	75	0	21.93	21.84	21.98
15	16QAM	1	0	22.05	22.10	21.88
15	16QAM	1	37	21.94	22.00	21.85
15	16QAM	1	74	21.77	21.92	21.91
15	16QAM	36	0	21.07	21.02	21.07
15	16QAM	36	20	20.90	20.86	21.03
15	16QAM	36	39	20.92	20.75	20.94
15	16QAM	75	0	21.02	20.91	21.06
15	64QAM	1	0	21.20	21.17	21.16
15	64QAM	1	37	21.13	21.03	21.04
15	64QAM	1	74	21.08	21.20	21.06
15	64QAM	36	0	19.93	20.08	20.20
15	64QAM	36	20	20.11	19.93	20.01
15	64QAM	36	39	20.00	19.90	19.94
15	64QAM	75	0	20.03	19.99	19.98

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	22.84	22.87	22.80
10	QPSK	1	25	22.79	22.85	22.78
10	QPSK	1	49	22.66	22.74	22.73
10	QPSK	25	0	21.99	22.08	22.04
10	QPSK	25	12	21.92	21.96	21.97
10	QPSK	25	25	21.87	21.92	22.04
10	QPSK	50	0	21.94	21.87	21.99
10	16QAM	1	0	22.06	22.13	21.89
10	16QAM	1	25	21.95	22.03	21.86
10	16QAM	1	49	21.78	21.95	21.92
10	16QAM	25	0	21.08	21.05	21.08
10	16QAM	25	12	20.91	20.89	21.04
10	16QAM	25	25	20.93	20.78	20.95
10	16QAM	50	0	21.03	20.94	21.07
10	64QAM	1	0	21.21	21.20	21.17
10	64QAM	1	25	21.14	21.06	21.05
10	64QAM	1	49	21.09	21.23	21.07
10	64QAM	25	0	19.94	20.11	20.21
10	64QAM	25	12	20.12	19.96	20.02
10	64QAM	25	25	20.01	19.93	19.95
10	64QAM	50	0	20.04	20.02	19.99

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	22.79	22.82	22.74
5	QPSK	1	12	22.74	22.80	22.72
5	QPSK	1	24	22.61	22.69	22.67
5	QPSK	12	0	21.94	22.03	21.98
5	QPSK	12	7	21.87	21.91	21.91
5	QPSK	12	13	21.82	21.87	21.98
5	QPSK	25	0	21.89	21.82	21.93
5	16QAM	1	0	22.01	22.08	21.83
5	16QAM	1	12	21.90	21.98	21.80
5	16QAM	1	24	21.73	21.90	21.86
5	16QAM	12	0	21.03	21.00	21.02
5	16QAM	12	7	20.86	20.84	20.98
5	16QAM	12	13	20.88	20.73	20.89
5	16QAM	25	0	20.98	20.89	21.01
5	64QAM	1	0	21.16	21.15	21.11
5	64QAM	1	12	21.09	21.01	20.99
5	64QAM	1	24	21.04	21.18	21.01
5	64QAM	12	0	19.89	20.06	20.15
5	64QAM	12	7	20.07	19.91	19.96
5	64QAM	12	13	19.96	19.88	19.89
5	64QAM	25	0	19.99	19.97	19.93

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	22.86	22.89	22.84
3	QPSK	1	8	22.81	22.87	22.82
3	QPSK	1	14	22.68	22.76	22.77
3	QPSK	8	0	22.01	22.10	22.08
3	QPSK	8	4	21.94	21.98	22.01
3	QPSK	8	7	21.89	21.94	22.08
3	QPSK	15	0	21.96	21.89	22.03
3	16QAM	1	0	22.08	22.15	21.93
3	16QAM	1	8	21.97	22.05	21.90
3	16QAM	1	14	21.80	21.97	21.96
3	16QAM	8	0	21.10	21.07	21.12
3	16QAM	8	4	20.93	20.91	21.08
3	16QAM	8	7	20.95	20.80	20.99
3	16QAM	15	0	21.05	20.96	21.11
3	64QAM	1	0	21.23	21.22	21.21
3	64QAM	1	8	21.16	21.08	21.09
3	64QAM	1	14	21.11	21.25	21.11
3	64QAM	8	0	19.96	20.13	20.25
3	64QAM	8	4	20.14	19.98	20.06
3	64QAM	8	7	20.03	19.95	19.99
3	64QAM	15	0	20.06	20.04	20.03

LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				131979	132322	132665
Frequency (MHz)				1710.7	1745	1779.3
1.4	QPSK	1	0	22.90	22.94	22.85
1.4	QPSK	1	3	22.85	22.92	22.83
1.4	QPSK	1	5	22.72	22.81	22.78
1.4	QPSK	3	0	22.05	22.15	22.09
1.4	QPSK	3	1	21.98	22.03	22.02
1.4	QPSK	3	3	21.93	21.99	22.09
1.4	QPSK	6	0	22.00	21.94	22.04
1.4	16QAM	1	0	22.12	22.20	21.94
1.4	16QAM	1	3	22.01	22.10	21.91
1.4	16QAM	1	5	21.84	22.02	21.97
1.4	16QAM	3	0	21.14	21.12	21.13
1.4	16QAM	3	1	20.97	20.96	21.09
1.4	16QAM	3	3	20.99	20.85	21.00
1.4	16QAM	6	0	21.09	21.01	21.12
1.4	64QAM	1	0	21.27	21.27	21.22
1.4	64QAM	1	3	21.20	21.13	21.10
1.4	64QAM	1	5	21.15	21.30	21.12
1.4	64QAM	3	0	20.00	20.18	20.26
1.4	64QAM	3	1	20.18	20.03	20.07
1.4	64QAM	3	3	20.07	20.00	20.00
1.4	64QAM	6	0	20.10	20.09	20.04

LTE Band 71						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				133222	133322	133372
Frequency (MHz)				673	683	688
20	QPSK	1	0	23.64	23.68	23.59
20	QPSK	1	49	23.62	23.67	23.54
20	QPSK	1	99	23.51	23.52	23.51
20	QPSK	50	0	22.76	22.92	22.81
20	QPSK	50	24	22.64	22.87	22.83
20	QPSK	50	50	22.81	22.74	22.66
20	QPSK	100	0	22.73	22.86	22.73
20	16QAM	1	0	22.77	22.84	22.58
20	16QAM	1	49	22.73	22.85	22.52
20	16QAM	1	99	22.64	22.61	22.53
20	16QAM	50	0	21.78	21.89	21.87
20	16QAM	50	24	21.69	21.65	21.74
20	16QAM	50	50	21.84	21.63	21.65
20	16QAM	100	0	21.80	21.70	21.64
20	64QAM	1	0	21.95	21.77	21.85
20	64QAM	1	49	21.67	21.71	21.62
20	64QAM	1	99	21.68	21.62	21.70
20	64QAM	50	0	20.74	20.83	20.90
20	64QAM	50	24	20.60	20.83	20.77
20	64QAM	50	50	20.71	20.74	20.65
20	64QAM	100	0	21.00	20.65	20.82

LTE Band 71						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				133197	133297	133397
Frequency (MHz)				670.5	680.5	690.5
15	QPSK	1	0	23.60	23.65	23.55
15	QPSK	1	37	23.58	23.64	23.52
15	QPSK	1	74	23.60	23.59	23.57
15	QPSK	36	0	22.72	22.89	22.77
15	QPSK	36	20	22.60	22.84	22.79
15	QPSK	36	39	22.77	22.71	22.62
15	QPSK	75	0	22.69	22.83	22.69
15	16QAM	1	0	22.73	22.81	22.54
15	16QAM	1	37	22.69	22.82	22.68
15	16QAM	1	74	22.60	22.58	22.64
15	16QAM	36	0	21.74	21.86	21.83
15	16QAM	36	20	21.65	21.62	21.70
15	16QAM	36	39	21.80	21.60	21.61
15	16QAM	75	0	21.76	21.67	21.60
15	64QAM	1	0	21.91	21.74	21.81
15	64QAM	1	37	21.63	21.68	21.58
15	64QAM	1	74	21.64	21.59	21.66
15	64QAM	36	0	20.70	20.80	20.86
15	64QAM	36	20	20.56	20.80	20.73
15	64QAM	36	39	20.67	20.71	20.61
15	64QAM	75	0	20.96	20.62	20.78

LTE Band 71						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				133172	133272	133422
Frequency (MHz)				668	678	693
10	QPSK	1	0	23.56	23.62	23.53
10	QPSK	1	25	23.54	23.61	23.58
10	QPSK	1	49	23.53	23.56	23.55
10	QPSK	25	0	22.68	22.86	22.75
10	QPSK	25	12	22.56	22.81	22.77
10	QPSK	25	25	22.73	22.68	22.60
10	QPSK	50	0	22.65	22.80	22.67
10	16QAM	1	0	22.69	22.78	22.52
10	16QAM	1	25	22.65	22.79	22.56
10	16QAM	1	49	22.56	22.55	22.57
10	16QAM	25	0	21.70	21.83	21.81
10	16QAM	25	12	21.61	21.59	21.68
10	16QAM	25	25	21.76	21.57	21.59
10	16QAM	50	0	21.72	21.64	21.58
10	64QAM	1	0	21.87	21.71	21.79
10	64QAM	1	25	21.59	21.65	21.56
10	64QAM	1	49	21.60	21.56	21.64
10	64QAM	25	0	20.66	20.77	20.84
10	64QAM	25	12	20.52	20.77	20.71
10	64QAM	25	25	20.63	20.68	20.59
10	64QAM	50	0	20.92	20.59	20.76

LTE Band 71						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				133147	133247	133447
Frequency (MHz)				665.5	675.5	695.5
5	QPSK	1	0	23.59	23.63	23.54
5	QPSK	1	12	23.57	23.62	23.55
5	QPSK	1	24	23.52	23.53	23.52
5	QPSK	12	0	22.71	22.87	22.76
5	QPSK	12	7	22.59	22.82	22.78
5	QPSK	12	13	22.76	22.69	22.61
5	QPSK	25	0	22.68	22.81	22.68
5	16QAM	1	0	22.72	22.79	22.53
5	16QAM	1	12	22.68	22.80	22.53
5	16QAM	1	24	22.59	22.56	22.54
5	16QAM	12	0	21.73	21.84	21.82
5	16QAM	12	7	21.64	21.60	21.69
5	16QAM	12	13	21.79	21.58	21.60
5	16QAM	25	0	21.75	21.65	21.59
5	64QAM	1	0	21.90	21.72	21.80
5	64QAM	1	12	21.62	21.66	21.57
5	64QAM	1	24	21.63	21.57	21.65
5	64QAM	12	0	20.69	20.78	20.85
5	64QAM	12	7	20.55	20.78	20.72
5	64QAM	12	13	20.66	20.69	20.60
5	64QAM	25	0	20.95	20.60	20.77

Effective Radiated Power and Effective Isotropic Radiated Power

LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18700		18900		19100	
Frequency (MHz)				1860		1880		1900	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	23.77	0.238	23.78	0.239	23.71	0.235
20	QPSK	1	49	23.71	0.235	23.71	0.235	23.74	0.237
20	QPSK	1	99	23.58	0.228	23.68	0.233	23.56	0.227
20	QPSK	50	0	22.75	0.188	22.90	0.195	22.74	0.188
20	QPSK	50	24	22.64	0.184	22.79	0.190	22.57	0.181
20	QPSK	50	50	22.56	0.180	22.68	0.185	22.71	0.187
20	QPSK	100	0	22.85	0.193	22.87	0.194	22.67	0.185
20	16QAM	1	0	22.71	0.187	22.90	0.195	22.89	0.195
20	16QAM	1	49	22.73	0.187	22.86	0.193	22.90	0.195
20	16QAM	1	99	22.81	0.191	22.72	0.187	22.74	0.188
20	16QAM	50	0	21.83	0.152	21.89	0.155	21.90	0.155
20	16QAM	50	24	21.75	0.150	21.85	0.153	21.83	0.152
20	16QAM	50	50	21.72	0.149	21.86	0.153	21.71	0.148
20	16QAM	100	0	21.77	0.150	21.75	0.150	21.76	0.150
20	64QAM	1	0	21.78	0.151	21.73	0.149	21.81	0.152
20	64QAM	1	49	21.88	0.154	21.73	0.149	21.74	0.149
20	64QAM	1	99	21.84	0.153	21.88	0.154	21.82	0.152
20	64QAM	50	0	20.85	0.122	20.73	0.118	20.86	0.122
20	64QAM	50	24	20.71	0.118	20.90	0.123	20.87	0.122
20	64QAM	50	50	20.66	0.116	20.79	0.120	20.71	0.118
20	64QAM	100	0	20.81	0.121	20.77	0.119	20.79	0.120

LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18675		18900		19125	
Frequency (MHz)				1857.5		1880		1902.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	23.59	0.229	23.60	0.229	23.52	0.225
15	QPSK	1	37	23.53	0.225	23.53	0.225	23.55	0.226
15	QPSK	1	74	23.40	0.219	23.50	0.224	23.37	0.217
15	QPSK	36	0	22.67	0.185	22.87	0.194	22.65	0.184
15	QPSK	36	20	22.56	0.180	22.71	0.187	22.48	0.177
15	QPSK	36	39	22.48	0.177	22.60	0.182	22.62	0.183
15	QPSK	75	0	22.77	0.189	22.79	0.190	22.58	0.181
15	16QAM	1	0	22.83	0.192	22.82	0.191	22.80	0.191
15	16QAM	1	37	22.85	0.193	22.78	0.190	22.81	0.191
15	16QAM	1	74	22.73	0.187	22.84	0.192	22.85	0.193
15	16QAM	36	0	21.75	0.150	21.81	0.152	21.81	0.152
15	16QAM	36	20	21.67	0.147	21.77	0.150	21.74	0.149
15	16QAM	36	39	21.64	0.146	21.78	0.151	21.82	0.152
15	16QAM	75	0	21.69	0.148	21.67	0.147	21.67	0.147
15	64QAM	1	0	21.90	0.155	21.85	0.153	21.72	0.149
15	64QAM	1	37	21.80	0.151	21.85	0.153	21.85	0.153
15	64QAM	1	74	21.76	0.150	21.80	0.151	21.73	0.149
15	64QAM	36	0	20.77	0.119	20.85	0.122	20.77	0.119
15	64QAM	36	20	20.63	0.116	20.82	0.121	20.78	0.120
15	64QAM	36	39	20.58	0.114	20.71	0.118	20.82	0.121
15	64QAM	75	0	20.73	0.118	20.69	0.117	20.70	0.117

LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18650		18900		19150	
Frequency (MHz)				1855		1880		1905	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	23.60	0.229	23.62	0.230	23.54	0.226
10	QPSK	1	25	23.54	0.226	23.55	0.226	23.57	0.228
10	QPSK	1	49	23.41	0.219	23.52	0.225	23.39	0.218
10	QPSK	25	0	22.68	0.185	22.89	0.195	22.67	0.185
10	QPSK	25	12	22.57	0.181	22.73	0.187	22.50	0.178
10	QPSK	25	25	22.49	0.177	22.62	0.183	22.64	0.184
10	QPSK	50	0	22.78	0.190	22.81	0.191	22.60	0.182
10	16QAM	1	0	22.84	0.192	22.84	0.192	22.82	0.191
10	16QAM	1	25	22.86	0.193	22.80	0.191	22.83	0.192
10	16QAM	1	49	22.74	0.188	22.86	0.193	22.87	0.194
10	16QAM	25	0	21.76	0.150	21.83	0.152	21.83	0.152
10	16QAM	25	12	21.68	0.147	21.79	0.151	21.76	0.150
10	16QAM	25	25	21.65	0.146	21.80	0.151	21.84	0.153
10	16QAM	50	0	21.70	0.148	21.69	0.148	21.69	0.148
10	64QAM	1	0	21.71	0.148	21.87	0.154	21.74	0.149
10	64QAM	1	25	21.81	0.152	21.83	0.152	21.87	0.154
10	64QAM	1	49	21.77	0.150	21.82	0.152	21.75	0.150
10	64QAM	25	0	20.78	0.120	20.87	0.122	20.79	0.120
10	64QAM	25	12	20.64	0.116	20.84	0.121	20.80	0.120
10	64QAM	25	25	20.59	0.115	20.73	0.118	20.84	0.121
10	64QAM	50	0	20.74	0.119	20.71	0.118	20.72	0.118

LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18625		18900		19175	
Frequency (MHz)				1852.5		1880		1907.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	23.57	0.228	23.59	0.229	23.51	0.224
5	QPSK	1	12	23.51	0.224	23.52	0.225	23.54	0.226
5	QPSK	1	24	23.38	0.218	23.49	0.223	23.36	0.217
5	QPSK	12	0	22.65	0.184	22.86	0.193	22.64	0.184
5	QPSK	12	7	22.54	0.179	22.70	0.186	22.47	0.177
5	QPSK	12	13	22.46	0.176	22.59	0.182	22.61	0.182
5	QPSK	25	0	22.75	0.188	22.78	0.190	22.57	0.181
5	16QAM	1	0	22.81	0.191	22.81	0.191	22.79	0.190
5	16QAM	1	12	22.83	0.192	22.77	0.189	22.80	0.191
5	16QAM	1	24	22.71	0.187	22.83	0.192	22.84	0.192
5	16QAM	12	0	21.73	0.149	21.80	0.151	21.80	0.151
5	16QAM	12	7	21.65	0.146	21.76	0.150	21.73	0.149
5	16QAM	12	13	21.62	0.145	21.77	0.150	21.81	0.152
5	16QAM	25	0	21.67	0.147	21.66	0.147	21.66	0.147
5	64QAM	1	0	21.88	0.154	21.84	0.153	21.71	0.148
5	64QAM	1	12	21.78	0.151	21.84	0.153	21.84	0.153
5	64QAM	1	24	21.74	0.149	21.79	0.151	21.72	0.149
5	64QAM	12	0	20.75	0.119	20.84	0.121	20.76	0.119
5	64QAM	12	7	20.61	0.115	20.81	0.121	20.77	0.119
5	64QAM	12	13	20.56	0.114	20.70	0.117	20.81	0.121
5	64QAM	25	0	20.71	0.118	20.68	0.117	20.69	0.117

LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18615		18900		19185	
Frequency (MHz)				1851.5		1880		1908.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	23.62	0.230	23.64	0.231	23.56	0.227
3	QPSK	1	8	23.56	0.227	23.57	0.228	23.59	0.229
3	QPSK	1	14	23.43	0.220	23.54	0.226	23.41	0.219
3	QPSK	8	0	22.70	0.186	22.90	0.195	22.69	0.186
3	QPSK	8	4	22.59	0.182	22.75	0.188	22.52	0.179
3	QPSK	8	7	22.51	0.178	22.64	0.184	22.66	0.185
3	QPSK	15	0	22.80	0.191	22.83	0.192	22.62	0.183
3	16QAM	1	0	22.86	0.193	22.86	0.193	22.84	0.192
3	16QAM	1	8	22.88	0.194	22.82	0.191	22.85	0.193
3	16QAM	1	14	22.76	0.189	22.88	0.194	22.89	0.195
3	16QAM	8	0	21.78	0.151	21.85	0.153	21.85	0.153
3	16QAM	8	4	21.70	0.148	21.81	0.152	21.78	0.151
3	16QAM	8	7	21.67	0.147	21.82	0.152	21.86	0.153
3	16QAM	15	0	21.72	0.149	21.71	0.148	21.71	0.148
3	64QAM	1	0	21.73	0.149	21.89	0.155	21.76	0.150
3	64QAM	1	8	21.83	0.152	21.89	0.155	21.89	0.155
3	64QAM	1	14	21.79	0.151	21.84	0.153	21.77	0.150
3	64QAM	8	0	20.80	0.120	20.89	0.123	20.81	0.121
3	64QAM	8	4	20.66	0.116	20.86	0.122	20.82	0.121
3	64QAM	8	7	20.61	0.115	20.75	0.119	20.86	0.122
3	64QAM	15	0	20.76	0.119	20.73	0.118	20.74	0.119

LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18607		18900		19193	
Frequency (MHz)				1850.7		1880		1909.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	23.65	0.232	23.67	0.233	23.58	0.228
1.4	QPSK	1	3	23.59	0.229	23.60	0.229	23.61	0.230
1.4	QPSK	1	5	23.46	0.222	23.57	0.228	23.43	0.220
1.4	QPSK	3	0	22.73	0.187	22.74	0.188	22.71	0.187
1.4	QPSK	3	1	22.62	0.183	22.78	0.190	22.54	0.179
1.4	QPSK	3	3	22.54	0.179	22.67	0.185	22.68	0.185
1.4	QPSK	6	0	22.83	0.192	22.86	0.193	22.64	0.184
1.4	16QAM	1	0	22.89	0.195	22.89	0.195	22.86	0.193
1.4	16QAM	1	3	22.71	0.187	22.85	0.193	22.87	0.194
1.4	16QAM	1	5	22.79	0.190	22.71	0.187	22.81	0.191
1.4	16QAM	3	0	21.81	0.152	21.88	0.154	21.87	0.154
1.4	16QAM	3	1	21.73	0.149	21.84	0.153	21.80	0.151
1.4	16QAM	3	3	21.70	0.148	21.85	0.153	21.88	0.154
1.4	16QAM	6	0	21.75	0.150	21.74	0.149	21.73	0.149
1.4	64QAM	1	0	21.76	0.150	21.72	0.149	21.78	0.151
1.4	64QAM	1	3	21.86	0.153	21.72	0.149	21.71	0.148
1.4	64QAM	1	5	21.82	0.152	21.87	0.154	21.79	0.151
1.4	64QAM	3	0	20.83	0.121	20.72	0.118	20.83	0.121
1.4	64QAM	3	1	20.69	0.117	20.89	0.123	20.84	0.121
1.4	64QAM	3	3	20.64	0.116	20.78	0.120	20.88	0.122
1.4	64QAM	6	0	20.79	0.120	20.75	0.119	20.77	0.119

LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20050		20175		20300	
Frequency (MHz)				1720		1732.5		1745	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	23.02	0.200	23.07	0.203	23.00	0.200
20	QPSK	1	49	23.06	0.202	23.04	0.201	23.01	0.200
20	QPSK	1	99	22.92	0.196	22.97	0.198	22.90	0.195
20	QPSK	50	0	21.93	0.156	22.31	0.170	22.26	0.168
20	QPSK	50	24	22.18	0.165	22.15	0.164	22.14	0.164
20	QPSK	50	50	22.23	0.167	22.09	0.162	22.26	0.168
20	QPSK	100	0	22.25	0.168	22.21	0.166	22.28	0.169
20	16QAM	1	0	22.39	0.173	22.26	0.168	22.17	0.165
20	16QAM	1	49	22.21	0.166	22.36	0.172	22.19	0.166
20	16QAM	1	99	22.33	0.171	22.23	0.167	22.50	0.178
20	16QAM	50	0	21.24	0.133	21.26	0.134	21.19	0.132
20	16QAM	50	24	21.21	0.132	21.30	0.135	21.26	0.134
20	16QAM	50	50	21.32	0.136	21.14	0.130	21.40	0.138
20	16QAM	100	0	21.14	0.130	21.07	0.128	21.20	0.132
20	64QAM	1	0	21.22	0.132	21.31	0.135	21.47	0.140
20	64QAM	1	49	21.41	0.138	21.25	0.133	21.08	0.128
20	64QAM	1	99	21.23	0.133	21.16	0.131	21.28	0.134
20	64QAM	50	0	20.16	0.104	20.27	0.106	20.32	0.108
20	64QAM	50	24	20.20	0.105	20.21	0.105	20.34	0.108
20	64QAM	50	50	20.30	0.107	20.33	0.108	20.30	0.107
20	64QAM	100	0	20.23	0.105	20.40	0.110	20.11	0.103

LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20025		20175		20325	
Frequency (MHz)				1717.5		1732.5		1747.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	22.96	0.198	23.02	0.200	22.94	0.197
15	QPSK	1	37	23.00	0.200	22.99	0.199	22.95	0.197
15	QPSK	1	74	22.86	0.193	22.92	0.196	22.84	0.192
15	QPSK	36	0	21.87	0.154	22.26	0.168	22.20	0.166
15	QPSK	36	20	22.12	0.163	22.10	0.162	22.08	0.161
15	QPSK	36	39	22.17	0.165	22.04	0.160	22.20	0.166
15	QPSK	75	0	22.19	0.166	22.16	0.164	22.25	0.168
15	16QAM	1	0	22.33	0.171	22.21	0.166	22.11	0.163
15	16QAM	1	37	22.15	0.164	22.31	0.170	22.13	0.163
15	16QAM	1	74	22.27	0.169	22.18	0.165	22.44	0.175
15	16QAM	36	0	21.18	0.131	21.21	0.132	21.13	0.130
15	16QAM	36	20	21.15	0.130	21.25	0.133	21.20	0.132
15	16QAM	36	39	21.26	0.134	21.09	0.129	21.34	0.136
15	16QAM	75	0	21.08	0.128	21.02	0.126	21.14	0.130
15	64QAM	1	0	21.16	0.131	21.26	0.134	21.41	0.138
15	64QAM	1	37	21.35	0.136	21.20	0.132	21.02	0.126
15	64QAM	1	74	21.17	0.131	21.11	0.129	21.22	0.132
15	64QAM	36	0	20.10	0.102	20.22	0.105	20.26	0.106
15	64QAM	36	20	20.14	0.103	20.16	0.104	20.28	0.107
15	64QAM	36	39	20.24	0.106	20.28	0.107	20.24	0.106
15	64QAM	75	0	20.17	0.104	20.35	0.108	20.05	0.101

LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20000		20175		20350	
Frequency (MHz)				1715		1732.5		1750	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	23.01	0.200	23.06	0.202	22.99	0.199
10	QPSK	1	25	23.05	0.202	23.03	0.201	23.00	0.200
10	QPSK	1	49	22.91	0.195	22.96	0.198	22.89	0.195
10	QPSK	25	0	21.92	0.156	22.30	0.170	22.25	0.168
10	QPSK	25	12	22.17	0.165	22.14	0.164	22.13	0.163
10	QPSK	25	25	22.22	0.167	22.08	0.161	22.25	0.168
10	QPSK	50	0	22.24	0.167	22.20	0.166	22.27	0.169
10	16QAM	1	0	22.38	0.173	22.25	0.168	22.16	0.164
10	16QAM	1	25	22.20	0.166	22.35	0.172	22.18	0.165
10	16QAM	1	49	22.32	0.171	22.22	0.167	22.49	0.177
10	16QAM	25	0	21.23	0.133	21.25	0.133	21.18	0.131
10	16QAM	25	12	21.20	0.132	21.29	0.135	21.25	0.133
10	16QAM	25	25	21.31	0.135	21.13	0.130	21.39	0.138
10	16QAM	50	0	21.13	0.130	21.06	0.128	21.19	0.132
10	64QAM	1	0	21.19	0.132	21.28	0.134	21.44	0.139
10	64QAM	1	25	21.38	0.137	21.22	0.132	21.05	0.127
10	64QAM	1	49	21.20	0.132	21.13	0.130	21.25	0.133
10	64QAM	25	0	20.13	0.103	20.24	0.106	20.29	0.107
10	64QAM	25	12	20.17	0.104	20.18	0.104	20.31	0.107
10	64QAM	25	25	20.27	0.106	20.30	0.107	20.27	0.106
10	64QAM	50	0	20.20	0.105	20.37	0.109	20.08	0.102

LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				19975		20175		20375	
Frequency (MHz)				1712.5		1732.5		1752.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	22.98	0.199	23.03	0.201	22.96	0.198
5	QPSK	1	12	23.02	0.200	23.00	0.200	22.97	0.198
5	QPSK	1	24	22.88	0.194	22.93	0.196	22.86	0.193
5	QPSK	12	0	21.89	0.155	22.24	0.167	22.22	0.167
5	QPSK	12	7	22.14	0.164	22.11	0.163	22.10	0.162
5	QPSK	12	13	22.19	0.166	22.05	0.160	22.22	0.167
5	QPSK	25	0	22.21	0.166	22.17	0.165	22.27	0.169
5	16QAM	1	0	22.35	0.172	22.22	0.167	22.13	0.163
5	16QAM	1	12	22.17	0.165	22.32	0.171	22.15	0.164
5	16QAM	1	24	22.29	0.169	22.19	0.166	22.46	0.176
5	16QAM	12	0	21.20	0.132	21.22	0.132	21.15	0.130
5	16QAM	12	7	21.17	0.131	21.26	0.134	21.22	0.132
5	16QAM	12	13	21.28	0.134	21.10	0.129	21.36	0.137
5	16QAM	25	0	21.10	0.129	21.03	0.127	21.16	0.131
5	64QAM	1	0	21.18	0.131	21.27	0.134	21.43	0.139
5	64QAM	1	12	21.37	0.137	21.21	0.132	21.04	0.127
5	64QAM	1	24	21.19	0.132	21.12	0.129	21.24	0.133
5	64QAM	12	0	20.12	0.103	20.23	0.105	20.28	0.107
5	64QAM	12	7	20.16	0.104	20.17	0.104	20.30	0.107
5	64QAM	12	13	20.26	0.106	20.29	0.107	20.26	0.106
5	64QAM	25	0	20.19	0.104	20.36	0.109	20.07	0.102

LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				19965		20175		20385	
Frequency (MHz)				1711.5		1732.5		1753.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	22.90	0.195	23.01	0.200	22.88	0.194
3	QPSK	1	8	22.94	0.197	22.98	0.199	22.89	0.195
3	QPSK	1	14	22.80	0.191	22.91	0.195	22.78	0.190
3	QPSK	8	0	21.81	0.152	22.22	0.167	22.14	0.164
3	QPSK	8	4	22.06	0.161	22.09	0.162	22.02	0.159
3	QPSK	8	7	22.11	0.163	22.03	0.160	22.14	0.164
3	QPSK	15	0	22.13	0.163	22.15	0.164	22.19	0.166
3	16QAM	1	0	22.27	0.169	22.20	0.166	22.05	0.160
3	16QAM	1	8	22.09	0.162	22.30	0.170	22.07	0.161
3	16QAM	1	14	22.21	0.166	22.17	0.165	22.38	0.173
3	16QAM	8	0	21.12	0.129	21.20	0.132	21.07	0.128
3	16QAM	8	4	21.09	0.129	21.24	0.133	21.14	0.130
3	16QAM	8	7	21.20	0.132	21.08	0.128	21.28	0.134
3	16QAM	15	0	21.02	0.126	21.01	0.126	21.08	0.128
3	64QAM	1	0	21.10	0.129	21.25	0.133	21.35	0.136
3	64QAM	1	8	21.29	0.135	21.19	0.132	20.96	0.125
3	64QAM	1	14	21.11	0.129	21.10	0.129	21.16	0.131
3	64QAM	8	0	20.04	0.101	20.21	0.105	20.20	0.105
3	64QAM	8	4	20.08	0.102	20.15	0.104	20.22	0.105
3	64QAM	8	7	20.18	0.104	20.27	0.106	20.18	0.104
3	64QAM	15	0	20.17	0.104	20.46	0.111	20.17	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				19957		20175		20393	
Frequency (MHz)				1710.7		1732.5		1754.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	22.89	0.195	22.94	0.197	22.87	0.194
1.4	QPSK	1	3	22.93	0.196	22.91	0.195	22.88	0.194
1.4	QPSK	1	5	22.79	0.190	22.84	0.192	22.77	0.189
1.4	QPSK	3	0	21.80	0.151	22.15	0.164	22.13	0.163
1.4	QPSK	3	1	22.05	0.160	22.02	0.159	22.01	0.159
1.4	QPSK	3	3	22.10	0.162	21.96	0.157	22.13	0.163
1.4	QPSK	6	0	22.12	0.163	22.08	0.161	22.18	0.165
1.4	16QAM	1	0	22.26	0.168	22.13	0.163	22.04	0.160
1.4	16QAM	1	3	22.08	0.161	22.23	0.167	22.06	0.161
1.4	16QAM	1	5	22.20	0.166	22.10	0.162	22.37	0.173
1.4	16QAM	3	0	21.11	0.129	21.13	0.130	21.06	0.128
1.4	16QAM	3	1	21.08	0.128	21.17	0.131	21.13	0.130
1.4	16QAM	3	3	21.19	0.132	21.01	0.126	21.27	0.134
1.4	16QAM	6	0	21.15	0.130	21.08	0.128	21.21	0.132
1.4	64QAM	1	0	21.23	0.133	21.32	0.136	21.48	0.141
1.4	64QAM	1	3	21.42	0.139	21.26	0.134	21.09	0.129
1.4	64QAM	1	5	21.24	0.133	21.17	0.131	21.29	0.135
1.4	64QAM	3	0	20.17	0.104	20.28	0.107	20.33	0.108
1.4	64QAM	3	1	20.21	0.105	20.22	0.105	20.35	0.108
1.4	64QAM	3	3	20.31	0.107	20.34	0.108	20.31	0.107
1.4	64QAM	6	0	20.24	0.106	20.41	0.110	20.12	0.103

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	21.22	0.132	21.29	0.135	21.14	0.130
10	QPSK	1	25	21.16	0.131	21.25	0.133	21.06	0.128
10	QPSK	1	49	21.06	0.128	21.14	0.130	21.09	0.129
10	QPSK	25	0	20.27	0.106	20.28	0.107	20.19	0.104
10	QPSK	25	12	20.21	0.105	20.16	0.104	20.25	0.106
10	QPSK	25	25	20.13	0.103	20.11	0.103	20.09	0.102
10	QPSK	50	0	20.26	0.106	20.16	0.104	20.15	0.104
10	16QAM	1	0	20.32	0.108	20.37	0.109	20.28	0.107
10	16QAM	1	25	20.28	0.107	20.35	0.108	20.21	0.105
10	16QAM	1	49	20.25	0.106	20.26	0.106	20.18	0.104
10	16QAM	25	0	19.25	0.084	19.22	0.084	19.26	0.084
10	16QAM	25	12	19.13	0.082	19.16	0.082	19.25	0.084
10	16QAM	25	25	19.17	0.083	19.07	0.081	19.15	0.082
10	16QAM	50	0	19.24	0.084	19.19	0.083	19.28	0.085
10	64QAM	1	0	19.39	0.087	19.26	0.084	19.42	0.087
10	64QAM	1	25	19.09	0.081	19.15	0.082	19.27	0.085
10	64QAM	1	49	19.11	0.081	19.06	0.081	19.22	0.084
10	64QAM	25	0	18.31	0.068	18.25	0.067	18.32	0.068
10	64QAM	25	12	18.15	0.065	18.12	0.065	18.10	0.065
10	64QAM	25	25	18.13	0.065	18.04	0.064	18.06	0.064
10	64QAM	50	0	18.20	0.066	18.21	0.066	18.22	0.066

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	21.12	0.129	21.19	0.132	21.04	0.127
5	QPSK	1	12	21.06	0.128	21.15	0.130	20.96	0.125
5	QPSK	1	24	20.96	0.125	20.94	0.124	20.89	0.123
5	QPSK	12	0	20.17	0.104	20.18	0.104	20.09	0.102
5	QPSK	12	7	20.11	0.103	20.06	0.101	20.15	0.104
5	QPSK	12	13	20.03	0.101	20.01	0.100	19.99	0.100
5	QPSK	25	0	20.16	0.104	20.06	0.101	20.05	0.101
5	16QAM	1	0	20.22	0.105	20.27	0.106	20.18	0.104
5	16QAM	1	12	20.18	0.104	20.25	0.106	20.11	0.103
5	16QAM	1	24	20.15	0.104	20.16	0.104	20.08	0.102
5	16QAM	12	0	19.15	0.082	19.12	0.082	19.16	0.082
5	16QAM	12	7	19.03	0.080	19.06	0.081	19.15	0.082
5	16QAM	12	13	19.07	0.081	18.97	0.079	19.05	0.080
5	16QAM	25	0	19.14	0.082	19.09	0.081	19.18	0.083
5	64QAM	1	0	19.29	0.085	19.16	0.082	19.32	0.086
5	64QAM	1	12	18.99	0.079	19.05	0.080	19.17	0.083
5	64QAM	1	24	19.01	0.080	18.96	0.079	19.12	0.082
5	64QAM	12	0	18.21	0.066	18.15	0.065	18.22	0.066
5	64QAM	12	7	18.05	0.064	18.02	0.063	18.00	0.063
5	64QAM	12	13	18.03	0.064	17.94	0.062	17.96	0.063
5	64QAM	25	0	18.10	0.065	18.11	0.065	18.12	0.065

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	21.15	0.130	21.22	0.132	21.07	0.128
3	QPSK	1	8	21.09	0.129	21.18	0.131	20.99	0.126
3	QPSK	1	14	21.02	0.126	21.00	0.126	20.95	0.124
3	QPSK	8	0	20.20	0.105	20.21	0.105	20.12	0.103
3	QPSK	8	4	20.14	0.103	20.09	0.102	20.18	0.104
3	QPSK	8	7	20.06	0.101	20.04	0.101	20.02	0.100
3	QPSK	15	0	20.19	0.104	20.09	0.102	20.08	0.102
3	16QAM	1	0	20.25	0.106	20.30	0.107	20.21	0.105
3	16QAM	1	8	20.21	0.105	20.28	0.107	20.14	0.103
3	16QAM	1	14	20.18	0.104	20.19	0.104	20.11	0.103
3	16QAM	8	0	19.18	0.083	19.15	0.082	19.19	0.083
3	16QAM	8	4	19.06	0.081	19.09	0.081	19.18	0.083
3	16QAM	8	7	19.10	0.081	19.00	0.079	19.08	0.081
3	16QAM	15	0	19.17	0.083	19.12	0.082	19.21	0.083
3	64QAM	1	0	19.32	0.086	19.19	0.083	19.35	0.086
3	64QAM	1	8	19.02	0.080	19.08	0.081	19.20	0.083
3	64QAM	1	14	19.04	0.080	18.99	0.079	19.15	0.082
3	64QAM	8	0	18.24	0.067	18.18	0.066	18.25	0.067
3	64QAM	8	4	18.08	0.064	18.05	0.064	18.03	0.064
3	64QAM	8	7	18.06	0.064	17.97	0.063	17.99	0.063
3	64QAM	15	0	18.13	0.065	18.14	0.065	18.15	0.065

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	21.08	0.128	21.15	0.130	21.00	0.126
1.4	QPSK	1	3	21.02	0.126	21.11	0.129	20.92	0.124
1.4	QPSK	1	5	21.12	0.129	21.10	0.129	21.05	0.127
1.4	QPSK	3	0	20.21	0.105	20.22	0.105	20.13	0.103
1.4	QPSK	3	1	20.15	0.104	20.10	0.102	20.19	0.104
1.4	QPSK	3	3	20.07	0.102	20.05	0.101	20.03	0.101
1.4	QPSK	6	0	20.20	0.105	20.10	0.102	20.09	0.102
1.4	16QAM	1	0	20.18	0.104	20.23	0.105	20.14	0.103
1.4	16QAM	1	3	20.14	0.103	20.21	0.105	20.07	0.102
1.4	16QAM	1	5	20.11	0.103	20.12	0.103	20.04	0.101
1.4	16QAM	3	0	19.11	0.081	19.08	0.081	19.12	0.082
1.4	16QAM	3	1	18.99	0.079	19.02	0.080	19.11	0.081
1.4	16QAM	3	3	19.03	0.080	18.93	0.078	19.01	0.080
1.4	16QAM	6	0	19.10	0.081	19.05	0.080	19.14	0.082
1.4	64QAM	1	0	19.25	0.084	19.12	0.082	19.28	0.085
1.4	64QAM	1	3	18.95	0.079	19.01	0.080	19.13	0.082
1.4	64QAM	1	5	18.97	0.079	18.92	0.078	19.08	0.081
1.4	64QAM	3	0	18.17	0.066	18.11	0.065	18.18	0.066
1.4	64QAM	3	1	18.01	0.063	17.98	0.063	17.96	0.063
1.4	64QAM	3	3	17.99	0.063	17.90	0.062	17.92	0.062
1.4	64QAM	6	0	18.06	0.064	18.07	0.064	18.08	0.064

LTE Band 12				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23060		23095		23130	
Frequency (MHz)				704		707.5		711	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	20.92	0.124	20.96	0.125	20.91	0.123
10	QPSK	1	25	20.86	0.122	20.91	0.123	20.89	0.123
10	QPSK	1	49	20.85	0.122	20.87	0.122	20.93	0.124
10	QPSK	25	0	20.16	0.104	20.17	0.104	20.05	0.101
10	QPSK	25	12	20.10	0.102	20.16	0.104	20.03	0.101
10	QPSK	25	25	19.99	0.100	20.06	0.101	19.91	0.098
10	QPSK	50	0	20.09	0.102	20.04	0.101	20.01	0.100
10	16QAM	1	0	20.08	0.102	20.00	0.100	20.11	0.103
10	16QAM	1	25	20.01	0.100	19.91	0.098	20.06	0.101
10	16QAM	1	49	20.05	0.101	19.99	0.100	19.98	0.100
10	16QAM	25	0	19.01	0.080	19.07	0.081	19.06	0.081
10	16QAM	25	12	18.91	0.078	19.15	0.082	19.09	0.081
10	16QAM	25	25	18.99	0.079	18.98	0.079	18.97	0.079
10	16QAM	50	0	19.03	0.080	19.09	0.081	19.00	0.079
10	64QAM	1	0	18.99	0.079	19.00	0.079	19.13	0.082
10	64QAM	1	25	19.19	0.083	18.93	0.078	18.99	0.079
10	64QAM	1	49	18.87	0.077	19.08	0.081	18.97	0.079
10	64QAM	25	0	18.17	0.066	18.18	0.066	18.10	0.065
10	64QAM	25	12	18.11	0.065	18.15	0.065	18.08	0.064
10	64QAM	25	25	18.00	0.063	17.94	0.062	17.98	0.063
10	64QAM	50	0	17.98	0.063	17.99	0.063	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	20.89	0.123	20.93	0.124	20.88	0.122
5	QPSK	1	12	20.83	0.121	20.88	0.122	20.86	0.122
5	QPSK	1	24	20.82	0.121	20.84	0.121	20.90	0.123
5	QPSK	12	0	20.09	0.102	20.14	0.103	20.02	0.100
5	QPSK	12	7	20.07	0.102	20.13	0.103	20.00	0.100
5	QPSK	12	13	19.96	0.099	20.03	0.101	19.88	0.097
5	QPSK	25	0	20.06	0.101	20.01	0.100	19.98	0.100
5	16QAM	1	0	20.05	0.101	19.97	0.099	20.08	0.102
5	16QAM	1	12	19.98	0.100	19.88	0.097	20.03	0.101
5	16QAM	1	24	20.02	0.100	19.96	0.099	19.95	0.099
5	16QAM	12	0	18.98	0.079	19.04	0.080	19.03	0.080
5	16QAM	12	7	18.88	0.077	19.12	0.082	19.06	0.081
5	16QAM	12	13	18.96	0.079	18.95	0.079	18.94	0.078
5	16QAM	25	0	19.00	0.079	19.06	0.081	18.97	0.079
5	64QAM	1	0	18.96	0.079	18.97	0.079	19.10	0.081
5	64QAM	1	12	19.16	0.082	18.90	0.078	18.96	0.079
5	64QAM	1	24	18.84	0.077	19.05	0.080	18.94	0.078
5	64QAM	12	0	18.14	0.065	18.15	0.065	18.07	0.064
5	64QAM	12	7	18.08	0.064	18.12	0.065	18.05	0.064
5	64QAM	12	13	17.97	0.063	17.91	0.062	17.95	0.062
5	64QAM	25	0	17.95	0.062	17.96	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	20.84	0.121	20.88	0.122	20.84	0.121
3	QPSK	1	8	20.78	0.120	20.83	0.121	20.86	0.122
3	QPSK	1	14	20.77	0.119	20.79	0.120	20.85	0.122
3	QPSK	8	0	20.04	0.101	20.09	0.102	19.98	0.100
3	QPSK	8	4	20.02	0.100	20.08	0.102	19.96	0.099
3	QPSK	8	7	19.91	0.098	19.98	0.100	19.84	0.096
3	QPSK	15	0	20.01	0.100	19.96	0.099	19.94	0.099
3	16QAM	1	0	20.00	0.100	19.92	0.098	20.04	0.101
3	16QAM	1	8	19.93	0.098	19.83	0.096	19.99	0.100
3	16QAM	1	14	19.97	0.099	19.91	0.098	19.91	0.098
3	16QAM	8	0	18.93	0.078	18.99	0.079	18.99	0.079
3	16QAM	8	4	18.83	0.076	19.07	0.081	19.02	0.080
3	16QAM	8	7	18.91	0.078	18.90	0.078	18.90	0.078
3	16QAM	15	0	18.95	0.079	19.01	0.080	18.93	0.078
3	64QAM	1	0	18.91	0.078	18.92	0.078	19.06	0.081
3	64QAM	1	8	19.11	0.081	18.85	0.077	18.92	0.078
3	64QAM	1	14	18.79	0.076	19.00	0.079	18.90	0.078
3	64QAM	8	0	18.09	0.064	18.10	0.065	18.03	0.064
3	64QAM	8	4	18.03	0.064	18.07	0.064	18.01	0.063
3	64QAM	8	7	17.92	0.062	17.86	0.061	17.91	0.062
3	64QAM	15	0	17.90	0.062	17.91	0.062	17.95	0.062

LTE Band 12				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23017		23095		23173	
Frequency (MHz)				699.7		707.5		715.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	20.88	0.122	20.92	0.124	20.87	0.122
1.4	QPSK	1	3	20.82	0.121	20.87	0.122	20.85	0.122
1.4	QPSK	1	5	20.81	0.121	20.83	0.121	20.89	0.123
1.4	QPSK	3	0	20.08	0.102	20.13	0.103	20.01	0.100
1.4	QPSK	3	1	20.06	0.101	20.12	0.103	19.99	0.100
1.4	QPSK	3	3	19.95	0.099	20.02	0.100	19.87	0.097
1.4	QPSK	6	0	20.05	0.101	20.00	0.100	19.97	0.099
1.4	16QAM	1	0	20.04	0.101	19.96	0.099	20.07	0.102
1.4	16QAM	1	3	19.97	0.099	19.87	0.097	20.02	0.100
1.4	16QAM	1	5	20.01	0.100	19.95	0.099	19.94	0.099
1.4	16QAM	3	0	18.97	0.079	19.03	0.080	19.02	0.080
1.4	16QAM	3	1	18.87	0.077	19.11	0.081	19.05	0.080
1.4	16QAM	3	3	18.95	0.079	18.94	0.078	18.93	0.078
1.4	16QAM	6	0	18.99	0.079	19.05	0.080	18.96	0.079
1.4	64QAM	1	0	18.95	0.079	18.96	0.079	19.09	0.081
1.4	64QAM	1	3	19.15	0.082	18.89	0.077	18.95	0.079
1.4	64QAM	1	5	18.83	0.076	19.04	0.080	18.93	0.078
1.4	64QAM	3	0	18.13	0.065	18.14	0.065	18.06	0.064
1.4	64QAM	3	1	18.07	0.064	18.11	0.065	18.04	0.064
1.4	64QAM	3	3	17.96	0.063	17.90	0.062	17.94	0.062
1.4	64QAM	6	0	17.94	0.062	17.95	0.062	17.98	0.063

LTE Band 13				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				/		23230		/	
Frequency (MHz)				/		782		/	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	/	/	16.60	0.046	/	/
10	QPSK	1	25	/	/	16.57	0.045	/	/
10	QPSK	1	49	/	/	16.50	0.045	/	/
10	QPSK	25	0	/	/	15.48	0.035	/	/
10	QPSK	25	12	/	/	15.36	0.034	/	/
10	QPSK	25	25	/	/	15.42	0.035	/	/
10	QPSK	50	0	/	/	15.37	0.034	/	/
10	16QAM	1	0	/	/	15.57	0.036	/	/
10	16QAM	1	25	/	/	15.52	0.036	/	/
10	16QAM	1	49	/	/	15.39	0.035	/	/
10	16QAM	25	0	/	/	14.46	0.028	/	/
10	16QAM	25	12	/	/	14.45	0.028	/	/
10	16QAM	25	25	/	/	14.49	0.028	/	/
10	16QAM	50	0	/	/	14.55	0.029	/	/
10	64QAM	1	0	/	/	14.73	0.030	/	/
10	64QAM	1	25	/	/	14.67	0.029	/	/
10	64QAM	1	49	/	/	14.49	0.028	/	/
10	64QAM	25	0	/	/	13.38	0.022	/	/
10	64QAM	25	12	/	/	13.46	0.022	/	/
10	64QAM	25	25	/	/	13.39	0.022	/	/
10	64QAM	50	0	/	/	13.49	0.022	/	/

LTE Band 13				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23205		23230		23255	
Frequency (MHz)				779.5		782		784.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	16.45	0.044	16.53	0.045	16.48	0.044
5	QPSK	1	12	16.39	0.044	16.44	0.044	16.42	0.044
5	QPSK	1	24	16.36	0.043	16.38	0.043	16.35	0.043
5	QPSK	12	0	15.44	0.035	15.46	0.035	15.37	0.034
5	QPSK	12	7	15.30	0.034	15.40	0.035	15.43	0.035
5	QPSK	12	13	15.44	0.035	15.36	0.034	15.37	0.034
5	QPSK	25	0	15.39	0.035	15.35	0.034	15.43	0.035
5	16QAM	1	0	15.49	0.035	15.45	0.035	15.42	0.035
5	16QAM	1	12	15.44	0.035	15.40	0.035	15.37	0.034
5	16QAM	1	24	15.41	0.035	15.37	0.034	15.34	0.034
5	16QAM	12	0	14.48	0.028	14.44	0.028	14.41	0.028
5	16QAM	12	7	14.47	0.028	14.43	0.028	14.40	0.028
5	16QAM	12	13	14.51	0.028	14.47	0.028	14.44	0.028
5	16QAM	25	0	14.47	0.028	14.43	0.028	14.40	0.028
5	64QAM	1	0	14.65	0.029	14.61	0.029	14.58	0.029
5	64QAM	1	12	14.59	0.029	14.55	0.029	14.52	0.028
5	64QAM	1	24	14.41	0.028	14.37	0.027	14.34	0.027
5	64QAM	12	0	13.40	0.022	13.36	0.022	13.33	0.022
5	64QAM	12	7	13.48	0.022	13.44	0.022	13.41	0.022
5	64QAM	12	13	13.41	0.022	13.37	0.022	13.34	0.022
5	64QAM	25	0	13.51	0.022	13.47	0.022	13.44	0.022

LTE Band 25				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26140		26365		26590	
Frequency (MHz)				1860		1882.5		1905	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	23.42	0.220	23.57	0.228	23.48	0.223
20	QPSK	1	49	23.56	0.227	23.52	0.225	23.49	0.223
20	QPSK	1	99	23.30	0.214	23.38	0.218	23.45	0.221
20	QPSK	50	0	22.61	0.182	22.70	0.186	22.69	0.186
20	QPSK	50	24	22.63	0.183	22.51	0.178	22.67	0.185
20	QPSK	50	50	22.57	0.181	22.56	0.180	22.70	0.186
20	QPSK	100	0	22.65	0.184	22.53	0.179	22.57	0.181
20	16QAM	1	0	22.69	0.186	22.63	0.183	22.53	0.179
20	16QAM	1	49	22.54	0.179	22.54	0.179	22.41	0.174
20	16QAM	1	99	22.48	0.177	22.46	0.176	22.53	0.179
20	16QAM	50	0	21.55	0.143	21.64	0.146	21.61	0.145
20	16QAM	50	24	21.47	0.140	21.56	0.143	21.62	0.145
20	16QAM	50	50	21.50	0.141	21.60	0.145	21.52	0.142
20	16QAM	100	0	21.46	0.140	21.65	0.146	21.54	0.143
20	64QAM	1	0	21.64	0.146	21.53	0.142	21.58	0.144
20	64QAM	1	49	21.60	0.145	21.48	0.141	21.53	0.142
20	64QAM	1	99	21.56	0.143	21.42	0.139	21.58	0.144
20	64QAM	50	0	20.64	0.116	20.68	0.117	20.60	0.115
20	64QAM	50	24	20.67	0.117	20.60	0.115	20.57	0.114
20	64QAM	50	50	20.54	0.113	20.61	0.115	20.58	0.114
20	64QAM	100	0	20.63	0.116	20.56	0.114	20.62	0.115

LTE Band 25				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26115		26365		26615	
Frequency (MHz)				1857.5		1882.5		1907.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	23.31	0.214	23.47	0.222	23.38	0.218
15	QPSK	1	37	23.45	0.221	23.41	0.219	23.38	0.218
15	QPSK	1	74	23.19	0.208	23.27	0.212	23.34	0.216
15	QPSK	36	0	22.60	0.182	22.59	0.182	22.58	0.181
15	QPSK	36	20	22.52	0.179	22.40	0.174	22.56	0.180
15	QPSK	36	39	22.46	0.176	22.45	0.176	22.59	0.182
15	QPSK	75	0	22.64	0.184	22.52	0.179	22.56	0.180
15	16QAM	1	0	22.68	0.185	22.62	0.183	22.52	0.179
15	16QAM	1	37	22.53	0.179	22.53	0.179	22.40	0.174
15	16QAM	1	74	22.47	0.177	22.45	0.176	22.52	0.179
15	16QAM	36	0	21.54	0.143	21.63	0.146	21.60	0.145
15	16QAM	36	20	21.46	0.140	21.55	0.143	21.61	0.145
15	16QAM	36	39	21.49	0.141	21.59	0.144	21.51	0.142
15	16QAM	75	0	21.45	0.140	21.64	0.146	21.53	0.142
15	64QAM	1	0	21.63	0.146	21.52	0.142	21.57	0.144
15	64QAM	1	37	21.59	0.144	21.47	0.140	21.52	0.142
15	64QAM	1	74	21.55	0.143	21.41	0.138	21.57	0.144
15	64QAM	36	0	20.63	0.116	20.67	0.117	20.59	0.115
15	64QAM	36	20	20.66	0.116	20.59	0.115	20.56	0.114
15	64QAM	36	39	20.43	0.110	20.50	0.112	20.47	0.111
15	64QAM	75	0	20.52	0.113	20.45	0.111	20.51	0.112

LTE Band 25				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26090		26365		26640	
Frequency (MHz)				1855		1882.5		1910	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	23.33	0.215	23.49	0.223	23.39	0.218
10	QPSK	1	25	23.47	0.222	23.44	0.221	23.40	0.219
10	QPSK	1	49	23.21	0.209	23.30	0.214	23.36	0.217
10	QPSK	25	0	22.62	0.183	22.62	0.183	22.60	0.182
10	QPSK	25	12	22.54	0.179	22.43	0.175	22.58	0.181
10	QPSK	25	25	22.48	0.177	22.48	0.177	22.61	0.182
10	QPSK	50	0	22.66	0.185	22.55	0.180	22.58	0.181
10	16QAM	1	0	22.70	0.186	22.65	0.184	22.54	0.179
10	16QAM	1	25	22.55	0.180	22.56	0.180	22.42	0.175
10	16QAM	1	49	22.49	0.177	22.48	0.177	22.54	0.179
10	16QAM	25	0	21.56	0.143	21.66	0.147	21.62	0.145
10	16QAM	25	12	21.48	0.141	21.58	0.144	21.63	0.146
10	16QAM	25	25	21.51	0.142	21.62	0.145	21.53	0.142
10	16QAM	50	0	21.47	0.140	21.67	0.147	21.55	0.143
10	64QAM	1	0	21.65	0.146	21.55	0.143	21.59	0.144
10	64QAM	1	25	21.61	0.145	21.50	0.141	21.54	0.143
10	64QAM	1	49	21.57	0.144	21.44	0.139	21.59	0.144
10	64QAM	25	0	20.65	0.116	20.70	0.117	20.61	0.115
10	64QAM	25	12	20.68	0.117	20.62	0.115	20.58	0.114
10	64QAM	25	25	20.45	0.111	20.53	0.113	20.49	0.112
10	64QAM	50	0	20.54	0.113	20.48	0.112	20.53	0.113

LTE Band 25				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26065		26365		26665	
Frequency (MHz)				1852.5		1882.5		1912.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	23.30	0.214	23.45	0.221	23.36	0.217
5	QPSK	1	12	23.44	0.221	23.40	0.219	23.37	0.217
5	QPSK	1	24	23.18	0.208	23.26	0.212	23.33	0.215
5	QPSK	12	0	22.59	0.182	22.58	0.181	22.57	0.181
5	QPSK	12	7	22.51	0.178	22.39	0.173	22.55	0.180
5	QPSK	12	13	22.45	0.176	22.44	0.175	22.58	0.181
5	QPSK	25	0	22.63	0.183	22.51	0.178	22.55	0.180
5	16QAM	1	0	22.67	0.185	22.61	0.182	22.51	0.178
5	16QAM	1	12	22.52	0.179	22.52	0.179	22.39	0.173
5	16QAM	1	24	22.46	0.176	22.44	0.175	22.51	0.178
5	16QAM	12	0	21.52	0.142	21.61	0.145	21.58	0.144
5	16QAM	12	7	21.44	0.139	21.53	0.142	21.59	0.144
5	16QAM	12	13	21.47	0.140	21.57	0.144	21.49	0.141
5	16QAM	25	0	21.43	0.139	21.62	0.145	21.51	0.142
5	64QAM	1	0	21.61	0.145	21.50	0.141	21.55	0.143
5	64QAM	1	12	21.57	0.144	21.45	0.140	21.50	0.141
5	64QAM	1	24	21.53	0.142	21.39	0.138	21.55	0.143
5	64QAM	12	0	20.61	0.115	20.65	0.116	20.57	0.114
5	64QAM	12	7	20.64	0.116	20.57	0.114	20.54	0.113
5	64QAM	12	13	20.41	0.110	20.48	0.112	20.45	0.111
5	64QAM	25	0	20.50	0.112	20.43	0.110	20.49	0.112

LTE Band 25				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26055		26365		26675	
Frequency (MHz)				1851.5		1882.5		1913.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	23.36	0.217	23.53	0.225	23.42	0.220
3	QPSK	1	8	23.50	0.224	23.48	0.223	23.43	0.220
3	QPSK	1	14	23.24	0.211	23.34	0.216	23.39	0.218
3	QPSK	8	0	22.65	0.184	22.66	0.185	22.63	0.183
3	QPSK	8	4	22.57	0.181	22.47	0.177	22.61	0.182
3	QPSK	8	7	22.51	0.178	22.52	0.179	22.64	0.184
3	QPSK	15	0	22.69	0.186	22.59	0.182	22.61	0.182
3	16QAM	1	0	22.63	0.183	22.69	0.186	22.57	0.181
3	16QAM	1	8	22.58	0.181	22.60	0.182	22.45	0.176
3	16QAM	1	14	22.52	0.179	22.52	0.179	22.57	0.181
3	16QAM	8	0	21.59	0.144	21.70	0.148	21.65	0.146
3	16QAM	8	4	21.51	0.142	21.62	0.145	21.66	0.147
3	16QAM	8	7	21.54	0.143	21.66	0.147	21.56	0.143
3	16QAM	15	0	21.50	0.141	21.61	0.145	21.58	0.144
3	64QAM	1	0	21.68	0.147	21.59	0.144	21.62	0.145
3	64QAM	1	8	21.64	0.146	21.54	0.143	21.57	0.144
3	64QAM	1	14	21.60	0.145	21.48	0.141	21.62	0.145
3	64QAM	8	0	20.68	0.117	20.64	0.116	20.64	0.116
3	64QAM	8	4	20.61	0.115	20.66	0.116	20.61	0.115
3	64QAM	8	7	20.48	0.112	20.57	0.114	20.52	0.113
3	64QAM	15	0	20.57	0.114	20.52	0.113	20.56	0.114

LTE Band 25				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26047		26365		26683	
Frequency (MHz)				1850.7		1882.5		1914.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	23.41	0.219	23.56	0.227	23.47	0.222
1.4	QPSK	1	3	23.51	0.224	23.47	0.222	23.44	0.221
1.4	QPSK	1	5	23.25	0.211	23.33	0.215	23.40	0.219
1.4	QPSK	3	0	22.66	0.185	22.65	0.184	22.64	0.184
1.4	QPSK	3	1	22.58	0.181	22.46	0.176	22.62	0.183
1.4	QPSK	3	3	22.52	0.179	22.51	0.178	22.65	0.184
1.4	QPSK	6	0	22.70	0.186	22.58	0.181	22.62	0.183
1.4	16QAM	1	0	22.64	0.184	22.68	0.185	22.58	0.181
1.4	16QAM	1	3	22.59	0.182	22.59	0.182	22.46	0.176
1.4	16QAM	1	5	22.53	0.179	22.51	0.178	22.58	0.181
1.4	16QAM	3	0	21.60	0.145	21.69	0.148	21.66	0.147
1.4	16QAM	3	1	21.52	0.142	21.61	0.145	21.67	0.147
1.4	16QAM	3	3	21.55	0.143	21.65	0.146	21.57	0.144
1.4	16QAM	6	0	21.51	0.142	21.70	0.148	21.59	0.144
1.4	64QAM	1	0	21.69	0.148	21.58	0.144	21.63	0.146
1.4	64QAM	1	3	21.65	0.146	21.53	0.142	21.58	0.144
1.4	64QAM	1	5	21.61	0.145	21.47	0.140	21.63	0.146
1.4	64QAM	3	0	20.69	0.117	20.63	0.116	20.65	0.116
1.4	64QAM	3	1	20.62	0.115	20.65	0.116	20.62	0.115
1.4	64QAM	3	3	20.49	0.112	20.56	0.114	20.53	0.113
1.4	64QAM	6	0	20.58	0.114	20.51	0.112	20.57	0.114

LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26865		26915		26965	
Frequency (MHz)				831.5		836.5		841.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	21.18	0.131	20.99	0.126	21.06	0.128
15	QPSK	1	37	21.14	0.130	21.11	0.129	21.13	0.130
15	QPSK	1	74	21.00	0.126	20.87	0.122	20.93	0.124
15	QPSK	36	0	20.20	0.105	20.06	0.101	20.16	0.104
15	QPSK	36	20	20.13	0.103	20.07	0.102	20.15	0.104
15	QPSK	36	39	20.09	0.102	19.96	0.099	20.08	0.102
15	QPSK	75	0	20.10	0.102	20.09	0.102	20.14	0.103
15	16QAM	1	0	20.20	0.105	20.18	0.104	20.23	0.105
15	16QAM	1	37	20.19	0.104	20.17	0.104	20.18	0.104
15	16QAM	1	74	20.13	0.103	20.15	0.104	20.16	0.104
15	16QAM	36	0	19.15	0.082	19.08	0.081	19.09	0.081
15	16QAM	36	20	19.10	0.081	19.11	0.081	19.13	0.082
15	16QAM	36	39	19.05	0.080	19.00	0.079	19.11	0.081
15	16QAM	75	0	19.16	0.082	19.12	0.082	19.19	0.083
15	64QAM	1	0	19.27	0.085	19.20	0.083	19.28	0.085
15	64QAM	1	37	19.25	0.084	18.97	0.079	19.09	0.081
15	64QAM	1	74	19.18	0.083	19.10	0.081	19.18	0.083
15	64QAM	36	0	18.18	0.066	18.05	0.064	18.13	0.065
15	64QAM	36	20	18.18	0.066	18.04	0.064	18.09	0.064
15	64QAM	36	39	18.12	0.065	18.10	0.065	18.15	0.065
15	64QAM	75	0	18.24	0.067	18.04	0.064	18.10	0.065

LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26840		26915		26990	
Frequency (MHz)				829.0		836.5		844.0	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	20.87	0.122	20.96	0.125	20.97	0.125
10	QPSK	1	25	21.01	0.126	20.93	0.124	21.04	0.127
10	QPSK	1	49	20.72	0.118	20.72	0.118	20.84	0.121
10	QPSK	25	0	20.00	0.100	19.96	0.099	20.07	0.102
10	QPSK	25	12	20.01	0.100	19.98	0.100	20.06	0.101
10	QPSK	25	25	19.96	0.099	19.96	0.099	19.99	0.100
10	QPSK	50	0	19.97	0.099	19.95	0.099	20.05	0.101
10	16QAM	1	0	20.05	0.101	20.05	0.101	20.14	0.103
10	16QAM	1	25	20.07	0.102	20.06	0.101	20.09	0.102
10	16QAM	1	49	19.99	0.100	19.96	0.099	20.07	0.102
10	16QAM	25	0	18.99	0.079	18.99	0.079	19.00	0.079
10	16QAM	25	12	18.99	0.079	19.00	0.079	19.04	0.080
10	16QAM	25	25	18.95	0.079	18.91	0.078	19.02	0.080
10	16QAM	50	0	19.05	0.080	19.07	0.081	19.10	0.081
10	64QAM	1	0	19.09	0.081	19.09	0.081	19.19	0.083
10	64QAM	1	25	18.88	0.077	18.89	0.077	19.00	0.079
10	64QAM	1	49	19.07	0.081	18.98	0.079	19.09	0.081
10	64QAM	25	0	17.92	0.062	18.01	0.063	18.04	0.064
10	64QAM	25	12	17.96	0.063	17.94	0.062	18.00	0.063
10	64QAM	25	25	17.97	0.063	17.95	0.062	18.06	0.064
10	64QAM	50	0	17.99	0.063	17.94	0.062	18.01	0.063

LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26815		26915		27015	
Frequency (MHz)				826.5		836.5		846.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	20.81	0.121	20.79	0.120	20.90	0.123
5	QPSK	1	12	21.00	0.126	20.92	0.124	21.02	0.126
5	QPSK	1	24	20.99	0.126	20.95	0.124	21.03	0.127
5	QPSK	12	0	19.96	0.099	19.99	0.100	20.05	0.101
5	QPSK	12	7	20.02	0.100	19.98	0.100	20.04	0.101
5	QPSK	12	13	19.95	0.099	19.96	0.099	19.97	0.099
5	QPSK	25	0	19.99	0.100	20.02	0.100	20.03	0.101
5	16QAM	1	0	20.11	0.103	20.03	0.101	20.12	0.103
5	16QAM	1	12	20.04	0.101	19.95	0.099	20.07	0.102
5	16QAM	1	24	19.94	0.099	19.95	0.099	20.05	0.101
5	16QAM	12	0	18.92	0.078	18.94	0.078	18.98	0.079
5	16QAM	12	7	18.92	0.078	18.94	0.078	19.02	0.080
5	16QAM	12	13	18.93	0.078	18.99	0.079	19.00	0.079
5	16QAM	25	0	18.99	0.079	19.05	0.080	19.08	0.081
5	64QAM	1	0	19.08	0.081	19.06	0.081	19.17	0.083
5	64QAM	1	12	18.94	0.078	18.90	0.078	18.98	0.079
5	64QAM	1	24	18.96	0.079	19.05	0.080	19.07	0.081
5	64QAM	12	0	17.96	0.063	18.00	0.063	18.02	0.063
5	64QAM	12	7	17.86	0.061	17.97	0.063	17.98	0.063
5	64QAM	12	13	17.98	0.063	18.03	0.064	18.04	0.064
5	64QAM	25	0	18.15	0.065	18.10	0.065	18.19	0.066

LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26805		26915		27025	
Frequency (MHz)				825.5		836.5		847.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	20.93	0.124	21.00	0.126	21.05	0.127
3	QPSK	1	8	21.05	0.127	21.06	0.128	21.12	0.129
3	QPSK	1	14	20.81	0.121	20.87	0.122	20.92	0.124
3	QPSK	8	0	20.09	0.102	20.03	0.101	20.15	0.104
3	QPSK	8	4	20.03	0.101	20.04	0.101	20.14	0.103
3	QPSK	8	7	20.05	0.101	19.97	0.099	20.07	0.102
3	QPSK	15	0	20.05	0.101	20.12	0.103	20.13	0.103
3	16QAM	1	0	20.11	0.103	20.20	0.105	20.22	0.105
3	16QAM	1	8	20.12	0.103	20.05	0.101	20.17	0.104
3	16QAM	1	14	20.05	0.101	20.12	0.103	20.15	0.104
3	16QAM	8	0	19.03	0.080	19.06	0.081	19.08	0.081
3	16QAM	8	4	19.00	0.079	19.03	0.080	19.12	0.082
3	16QAM	8	7	19.09	0.081	19.07	0.081	19.10	0.081
3	16QAM	15	0	19.10	0.081	19.08	0.081	19.18	0.083
3	64QAM	1	0	19.17	0.083	19.25	0.084	19.27	0.085
3	64QAM	1	8	19.01	0.080	19.00	0.079	19.08	0.081
3	64QAM	1	14	19.09	0.081	19.10	0.081	19.17	0.083
3	64QAM	8	0	18.06	0.064	18.03	0.064	18.12	0.065
3	64QAM	8	4	17.97	0.063	18.00	0.063	18.08	0.064
3	64QAM	8	7	18.12	0.065	18.07	0.064	18.14	0.065
3	64QAM	15	0	17.98	0.063	18.02	0.063	18.09	0.064

LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26797		26915		27033	
Frequency (MHz)				824.7		836.5		848.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	20.88	0.122	20.89	0.123	21.00	0.126
1.4	QPSK	1	3	21.03	0.127	20.95	0.124	21.07	0.128
1.4	QPSK	1	5	20.76	0.119	20.85	0.122	20.87	0.122
1.4	QPSK	3	0	19.99	0.100	20.07	0.102	20.10	0.102
1.4	QPSK	3	1	20.02	0.100	20.04	0.101	20.09	0.102
1.4	QPSK	3	3	20.00	0.100	19.91	0.098	20.02	0.100
1.4	QPSK	6	0	19.98	0.100	20.05	0.101	20.08	0.102
1.4	16QAM	1	0	20.07	0.102	20.14	0.103	20.17	0.104
1.4	16QAM	1	3	20.10	0.102	20.07	0.102	20.12	0.103
1.4	16QAM	1	5	19.99	0.100	20.08	0.102	20.10	0.102
1.4	16QAM	3	0	19.01	0.080	18.97	0.079	19.03	0.080
1.4	16QAM	3	1	18.97	0.079	19.03	0.080	19.07	0.081
1.4	16QAM	3	3	18.94	0.078	18.94	0.078	19.05	0.080
1.4	16QAM	6	0	19.16	0.082	19.15	0.082	19.20	0.083
1.4	64QAM	1	0	19.25	0.084	19.17	0.083	19.29	0.085
1.4	64QAM	1	3	19.05	0.080	19.04	0.080	19.10	0.081
1.4	64QAM	1	5	19.14	0.082	19.07	0.081	19.19	0.083
1.4	64QAM	3	0	18.09	0.064	18.10	0.065	18.14	0.065
1.4	64QAM	3	1	18.06	0.064	18.09	0.064	18.10	0.065
1.4	64QAM	3	3	18.08	0.064	18.06	0.064	18.16	0.065
1.4	64QAM	6	0	18.04	0.064	18.06	0.064	18.11	0.065

LTE Band 41				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39750		40620		41490	
Frequency (MHz)				2506		2593		2680	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	26.06	0.404	26.13	0.410	26.02	0.400
20	QPSK	1	49	26.01	0.399	26.10	0.407	25.97	0.395
20	QPSK	1	99	25.99	0.397	25.92	0.391	25.86	0.385
20	QPSK	50	0	25.09	0.323	25.25	0.335	25.18	0.330
20	QPSK	50	24	25.11	0.324	25.15	0.327	25.12	0.325
20	QPSK	50	50	25.00	0.316	25.05	0.320	25.05	0.320
20	QPSK	100	0	25.22	0.333	25.22	0.333	25.21	0.332
20	16QAM	1	0	25.26	0.336	25.26	0.336	25.15	0.327
20	16QAM	1	49	25.20	0.331	25.25	0.335	25.11	0.324
20	16QAM	1	99	25.12	0.325	25.12	0.325	25.10	0.324
20	16QAM	50	0	24.11	0.258	24.21	0.264	24.19	0.262
20	16QAM	50	24	24.10	0.257	24.20	0.263	24.11	0.258
20	16QAM	50	50	24.05	0.254	24.07	0.255	24.06	0.255
20	16QAM	100	0	24.21	0.264	24.09	0.256	24.14	0.259
20	64QAM	1	0	24.16	0.261	24.08	0.256	24.06	0.255
20	64QAM	1	49	24.05	0.254	24.10	0.257	24.01	0.252
20	64QAM	1	99	24.04	0.254	24.02	0.252	23.97	0.249
20	64QAM	50	0	23.11	0.205	23.16	0.207	23.21	0.209
20	64QAM	50	24	23.08	0.203	23.09	0.204	23.15	0.207
20	64QAM	50	50	22.94	0.197	23.18	0.208	23.09	0.204
20	64QAM	100	0	23.22	0.210	23.11	0.205	23.16	0.207

LTE Band 41				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39725		40620		41515	
Frequency (MHz)				2503.5		2593		2682.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	26.00	0.398	26.11	0.408	25.96	0.394
15	QPSK	1	37	25.95	0.394	25.99	0.397	25.91	0.390
15	QPSK	1	74	25.93	0.392	25.89	0.388	25.80	0.380
15	QPSK	36	0	25.03	0.318	25.22	0.333	25.12	0.325
15	QPSK	36	20	25.05	0.320	25.12	0.325	25.06	0.321
15	QPSK	36	39	24.94	0.312	25.02	0.318	24.99	0.316
15	QPSK	75	0	25.16	0.328	25.19	0.330	25.15	0.327
15	16QAM	1	0	25.20	0.331	25.23	0.333	25.09	0.323
15	16QAM	1	37	25.14	0.327	25.22	0.333	25.05	0.320
15	16QAM	1	74	25.06	0.321	25.09	0.323	25.04	0.319
15	16QAM	36	0	24.05	0.254	24.18	0.262	24.13	0.259
15	16QAM	36	20	24.04	0.254	24.17	0.261	24.05	0.254
15	16QAM	36	39	23.99	0.251	24.04	0.254	24.00	0.251
15	16QAM	75	0	24.15	0.260	24.06	0.255	24.08	0.256
15	64QAM	1	0	24.10	0.257	24.05	0.254	24.00	0.251
15	64QAM	1	37	23.99	0.251	24.07	0.255	23.95	0.248
15	64QAM	1	74	23.98	0.250	23.99	0.251	23.91	0.246
15	64QAM	36	0	23.05	0.202	23.13	0.206	23.15	0.207
15	64QAM	36	20	23.02	0.200	23.06	0.202	23.09	0.204
15	64QAM	36	39	22.88	0.194	23.15	0.207	23.03	0.201
15	64QAM	75	0	23.16	0.207	23.11	0.205	23.10	0.204

LTE Band 41				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39700		40620		41540	
Frequency (MHz)				2501		2593		2685	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	25.98	0.396	26.05	0.403	25.93	0.392
10	QPSK	1	25	25.93	0.392	26.01	0.399	25.88	0.387
10	QPSK	1	49	25.91	0.390	25.90	0.389	25.77	0.378
10	QPSK	25	0	25.01	0.317	25.23	0.333	25.09	0.323
10	QPSK	25	12	25.03	0.318	25.13	0.326	25.03	0.318
10	QPSK	25	25	24.92	0.310	25.03	0.318	24.96	0.313
10	QPSK	50	0	25.14	0.327	25.20	0.331	25.12	0.325
10	16QAM	1	0	25.18	0.330	25.24	0.334	25.06	0.321
10	16QAM	1	25	25.12	0.325	25.23	0.333	25.02	0.318
10	16QAM	1	49	25.04	0.319	25.10	0.324	25.01	0.317
10	16QAM	25	0	24.03	0.253	24.19	0.262	24.10	0.257
10	16QAM	25	12	24.02	0.252	24.18	0.262	24.02	0.252
10	16QAM	25	25	23.97	0.249	24.05	0.254	23.97	0.249
10	16QAM	50	0	24.13	0.259	24.07	0.255	24.05	0.254
10	64QAM	1	0	24.08	0.256	24.06	0.255	23.97	0.249
10	64QAM	1	25	23.97	0.249	24.08	0.256	23.92	0.247
10	64QAM	1	49	23.96	0.249	24.00	0.251	23.88	0.244
10	64QAM	25	0	23.03	0.201	23.14	0.206	23.12	0.205
10	64QAM	25	12	23.00	0.200	23.07	0.203	23.06	0.202
10	64QAM	25	25	22.86	0.193	23.16	0.207	23.00	0.200
10	64QAM	50	0	23.14	0.206	23.11	0.205	23.12	0.205

LTE Band 41				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39675		40620		41565	
Frequency (MHz)				2498.5		2593		2687.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	25.99	0.397	26.02	0.400	25.91	0.390
5	QPSK	1	12	25.90	0.389	26.01	0.399	25.90	0.389
5	QPSK	1	24	25.88	0.387	25.88	0.387	25.79	0.379
5	QPSK	12	0	24.98	0.315	25.21	0.332	25.11	0.324
5	QPSK	12	7	25.00	0.316	25.11	0.324	25.05	0.320
5	QPSK	12	13	24.89	0.308	25.01	0.317	24.98	0.315
5	QPSK	25	0	25.11	0.324	25.18	0.330	25.14	0.327
5	16QAM	1	0	25.15	0.327	25.22	0.333	25.08	0.322
5	16QAM	1	12	25.09	0.323	25.21	0.332	25.04	0.319
5	16QAM	1	24	25.01	0.317	25.08	0.322	25.03	0.318
5	16QAM	12	0	24.00	0.251	24.17	0.261	24.12	0.258
5	16QAM	12	7	23.99	0.251	24.16	0.261	24.04	0.254
5	16QAM	12	13	23.94	0.248	24.03	0.253	23.99	0.251
5	16QAM	25	0	24.10	0.257	24.05	0.254	24.07	0.255
5	64QAM	1	0	24.05	0.254	24.04	0.254	23.99	0.251
5	64QAM	1	12	23.94	0.248	24.06	0.255	23.94	0.248
5	64QAM	1	24	23.93	0.247	23.98	0.250	23.90	0.245
5	64QAM	12	0	23.00	0.200	23.12	0.205	23.14	0.206
5	64QAM	12	7	22.97	0.198	23.05	0.202	23.08	0.203
5	64QAM	12	13	22.83	0.192	23.14	0.206	23.02	0.200
5	64QAM	25	0	23.11	0.205	23.07	0.203	23.09	0.204

LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				132072		132322		132572	
Frequency (MHz)				1720		1745		1770	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	23.13	0.206	23.15	0.207	23.09	0.204
20	QPSK	1	49	23.08	0.203	23.13	0.206	23.07	0.203
20	QPSK	1	99	22.95	0.197	23.02	0.200	23.02	0.200
20	QPSK	50	0	22.28	0.169	22.36	0.172	22.33	0.171
20	QPSK	50	24	22.21	0.166	22.24	0.167	22.26	0.168
20	QPSK	50	50	22.16	0.164	22.20	0.166	22.33	0.171
20	QPSK	100	0	22.23	0.167	22.15	0.164	22.28	0.169
20	16QAM	1	0	22.35	0.172	22.41	0.174	22.18	0.165
20	16QAM	1	49	22.24	0.167	22.31	0.170	22.15	0.164
20	16QAM	1	99	22.07	0.161	22.23	0.167	22.21	0.166
20	16QAM	50	0	21.37	0.137	21.33	0.136	21.37	0.137
20	16QAM	50	24	21.20	0.132	21.17	0.131	21.33	0.136
20	16QAM	50	50	21.22	0.132	21.06	0.128	21.24	0.133
20	16QAM	100	0	21.32	0.136	21.22	0.132	21.36	0.137
20	64QAM	1	0	21.50	0.141	21.48	0.141	21.46	0.140
20	64QAM	1	49	21.43	0.139	21.34	0.136	21.34	0.136
20	64QAM	1	99	21.38	0.137	21.51	0.142	21.36	0.137
20	64QAM	50	0	20.23	0.105	20.39	0.109	20.50	0.112
20	64QAM	50	24	20.41	0.110	20.24	0.106	20.31	0.107
20	64QAM	50	50	20.30	0.107	20.21	0.105	20.24	0.106
20	64QAM	100	0	20.33	0.108	20.30	0.107	20.28	0.107

LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				132047		132322		132597	
Frequency (MHz)				1717.5		1745		1772.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	23.03	0.201	23.04	0.201	22.99	0.199
15	QPSK	1	37	22.98	0.199	23.02	0.200	22.97	0.198
15	QPSK	1	74	22.85	0.193	22.91	0.195	22.92	0.196
15	QPSK	36	0	22.18	0.165	22.25	0.168	22.23	0.167
15	QPSK	36	20	22.11	0.163	22.13	0.163	22.16	0.164
15	QPSK	36	39	22.06	0.161	22.09	0.162	22.23	0.167
15	QPSK	75	0	22.13	0.163	22.04	0.160	22.18	0.165
15	16QAM	1	0	22.25	0.168	22.30	0.170	22.08	0.161
15	16QAM	1	37	22.14	0.164	22.20	0.166	22.05	0.160
15	16QAM	1	74	21.97	0.157	22.12	0.163	22.11	0.163
15	16QAM	36	0	21.27	0.134	21.22	0.132	21.27	0.134
15	16QAM	36	20	21.10	0.129	21.06	0.128	21.23	0.133
15	16QAM	36	39	21.12	0.129	20.95	0.124	21.14	0.130
15	16QAM	75	0	21.22	0.132	21.11	0.129	21.26	0.134
15	64QAM	1	0	21.40	0.138	21.37	0.137	21.36	0.137
15	64QAM	1	37	21.33	0.136	21.23	0.133	21.24	0.133
15	64QAM	1	74	21.28	0.134	21.40	0.138	21.26	0.134
15	64QAM	36	0	20.13	0.103	20.28	0.107	20.40	0.110
15	64QAM	36	20	20.31	0.107	20.13	0.103	20.21	0.105
15	64QAM	36	39	20.20	0.105	20.10	0.102	20.14	0.103
15	64QAM	75	0	20.23	0.105	20.19	0.104	20.18	0.104

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	23.04	0.201	23.07	0.203	23.00	0.200
10	QPSK	1	25	22.99	0.199	23.05	0.202	22.98	0.199
10	QPSK	1	49	22.86	0.193	22.94	0.197	22.93	0.196
10	QPSK	25	0	22.19	0.166	22.28	0.169	22.24	0.167
10	QPSK	25	12	22.12	0.163	22.16	0.164	22.17	0.165
10	QPSK	25	25	22.07	0.161	22.12	0.163	22.24	0.167
10	QPSK	50	0	22.14	0.164	22.07	0.161	22.19	0.166
10	16QAM	1	0	22.26	0.168	22.33	0.171	22.09	0.162
10	16QAM	1	25	22.15	0.164	22.23	0.167	22.06	0.161
10	16QAM	1	49	21.98	0.158	22.15	0.164	22.12	0.163
10	16QAM	25	0	21.28	0.134	21.25	0.133	21.28	0.134
10	16QAM	25	12	21.11	0.129	21.09	0.129	21.24	0.133
10	16QAM	25	25	21.13	0.130	20.98	0.125	21.15	0.130
10	16QAM	50	0	21.23	0.133	21.14	0.130	21.27	0.134
10	64QAM	1	0	21.41	0.138	21.40	0.138	21.37	0.137
10	64QAM	1	25	21.34	0.136	21.26	0.134	21.25	0.133
10	64QAM	1	49	21.29	0.135	21.43	0.139	21.27	0.134
10	64QAM	25	0	20.14	0.103	20.31	0.107	20.41	0.110
10	64QAM	25	12	20.32	0.108	20.16	0.104	20.22	0.105
10	64QAM	25	25	20.21	0.105	20.13	0.103	20.15	0.104
10	64QAM	50	0	20.24	0.106	20.22	0.105	20.19	0.104

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	22.99	0.199	23.02	0.200	22.94	0.197
5	QPSK	1	12	22.94	0.197	23.00	0.200	22.92	0.196
5	QPSK	1	24	22.81	0.191	22.89	0.195	22.87	0.194
5	QPSK	12	0	22.14	0.164	22.23	0.167	22.18	0.165
5	QPSK	12	7	22.07	0.161	22.11	0.163	22.11	0.163
5	QPSK	12	13	22.02	0.159	22.07	0.161	22.18	0.165
5	QPSK	25	0	22.09	0.162	22.02	0.159	22.13	0.163
5	16QAM	1	0	22.21	0.166	22.28	0.169	22.03	0.160
5	16QAM	1	12	22.10	0.162	22.18	0.165	22.00	0.158
5	16QAM	1	24	21.93	0.156	22.10	0.162	22.06	0.161
5	16QAM	12	0	21.23	0.133	21.20	0.132	21.22	0.132
5	16QAM	12	7	21.06	0.128	21.04	0.127	21.18	0.131
5	16QAM	12	13	21.08	0.128	20.93	0.124	21.09	0.129
5	16QAM	25	0	21.18	0.131	21.09	0.129	21.21	0.132
5	64QAM	1	0	21.36	0.137	21.35	0.136	21.31	0.135
5	64QAM	1	12	21.29	0.135	21.21	0.132	21.19	0.132
5	64QAM	1	24	21.24	0.133	21.38	0.137	21.21	0.132
5	64QAM	12	0	20.09	0.102	20.26	0.106	20.35	0.108
5	64QAM	12	7	20.27	0.106	20.11	0.103	20.16	0.104
5	64QAM	12	13	20.16	0.104	20.08	0.102	20.09	0.102
5	64QAM	25	0	20.19	0.104	20.17	0.104	20.13	0.103

LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				131987		132322		132657	
Frequency (MHz)				1711.5		1745		1778.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	23.06	0.202	23.09	0.204	23.04	0.201
3	QPSK	1	8	23.01	0.200	23.07	0.203	23.02	0.200
3	QPSK	1	14	22.88	0.194	22.96	0.198	22.97	0.198
3	QPSK	8	0	22.21	0.166	22.30	0.170	22.28	0.169
3	QPSK	8	4	22.14	0.164	22.18	0.165	22.21	0.166
3	QPSK	8	7	22.09	0.162	22.14	0.164	22.28	0.169
3	QPSK	15	0	22.16	0.164	22.09	0.162	22.23	0.167
3	16QAM	1	0	22.28	0.169	22.35	0.172	22.13	0.163
3	16QAM	1	8	22.17	0.165	22.25	0.168	22.10	0.162
3	16QAM	1	14	22.00	0.158	22.17	0.165	22.16	0.164
3	16QAM	8	0	21.30	0.135	21.27	0.134	21.32	0.136
3	16QAM	8	4	21.13	0.130	21.11	0.129	21.28	0.134
3	16QAM	8	7	21.15	0.130	21.00	0.126	21.19	0.132
3	16QAM	15	0	21.25	0.133	21.16	0.131	21.31	0.135
3	64QAM	1	0	21.43	0.139	21.42	0.139	21.41	0.138
3	64QAM	1	8	21.36	0.137	21.28	0.134	21.29	0.135
3	64QAM	1	14	21.31	0.135	21.45	0.140	21.31	0.135
3	64QAM	8	0	20.16	0.104	20.33	0.108	20.45	0.111
3	64QAM	8	4	20.34	0.108	20.18	0.104	20.26	0.106
3	64QAM	8	7	20.23	0.105	20.15	0.104	20.19	0.104
3	64QAM	15	0	20.26	0.106	20.24	0.106	20.23	0.105

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	23.10	0.204	23.14	0.206	23.05	0.202
1.4	QPSK	1	3	23.05	0.202	23.12	0.205	23.03	0.201
1.4	QPSK	1	5	22.92	0.196	23.01	0.200	22.98	0.199
1.4	QPSK	3	0	22.25	0.168	22.35	0.172	22.29	0.169
1.4	QPSK	3	1	22.18	0.165	22.23	0.167	22.22	0.167
1.4	QPSK	3	3	22.13	0.163	22.19	0.166	22.29	0.169
1.4	QPSK	6	0	22.20	0.166	22.14	0.164	22.24	0.167
1.4	16QAM	1	0	22.32	0.171	22.40	0.174	22.14	0.164
1.4	16QAM	1	3	22.21	0.166	22.30	0.170	22.11	0.163
1.4	16QAM	1	5	22.04	0.160	22.22	0.167	22.17	0.165
1.4	16QAM	3	0	21.34	0.136	21.32	0.136	21.33	0.136
1.4	16QAM	3	1	21.17	0.131	21.16	0.131	21.29	0.135
1.4	16QAM	3	3	21.19	0.132	21.05	0.127	21.20	0.132
1.4	16QAM	6	0	21.29	0.135	21.21	0.132	21.32	0.136
1.4	64QAM	1	0	21.47	0.140	21.47	0.140	21.42	0.139
1.4	64QAM	1	3	21.40	0.138	21.33	0.136	21.30	0.135
1.4	64QAM	1	5	21.35	0.136	21.50	0.141	21.32	0.136
1.4	64QAM	3	0	20.20	0.105	20.38	0.109	20.46	0.111
1.4	64QAM	3	1	20.38	0.109	20.23	0.105	20.27	0.106
1.4	64QAM	3	3	20.27	0.106	20.20	0.105	20.20	0.105
1.4	64QAM	6	0	20.30	0.107	20.29	0.107	20.24	0.106

LTE Band 71				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				133222		133322		133372	
Frequency (MHz)				673		683		688	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	20.99	0.126	21.03	0.127	20.94	0.124
20	QPSK	1	49	20.97	0.125	21.02	0.126	20.89	0.123
20	QPSK	1	99	20.86	0.122	20.87	0.122	20.86	0.122
20	QPSK	50	0	20.11	0.103	20.27	0.106	20.16	0.104
20	QPSK	50	24	19.99	0.100	20.22	0.105	20.18	0.104
20	QPSK	50	50	20.16	0.104	20.09	0.102	20.01	0.100
20	QPSK	100	0	20.08	0.102	20.21	0.105	20.08	0.102
20	16QAM	1	0	20.12	0.103	20.19	0.104	19.93	0.098
20	16QAM	1	49	20.08	0.102	20.20	0.105	19.87	0.097
20	16QAM	1	99	19.99	0.100	19.96	0.099	19.88	0.097
20	16QAM	50	0	19.13	0.082	19.24	0.084	19.22	0.084
20	16QAM	50	24	19.04	0.080	19.00	0.079	19.09	0.081
20	16QAM	50	50	19.19	0.083	18.98	0.079	19.00	0.079
20	16QAM	100	0	19.15	0.082	19.05	0.080	18.99	0.079
20	64QAM	1	0	19.30	0.085	19.12	0.082	19.20	0.083
20	64QAM	1	49	19.02	0.080	19.06	0.081	18.97	0.079
20	64QAM	1	99	19.03	0.080	18.97	0.079	19.05	0.080
20	64QAM	50	0	18.09	0.064	18.18	0.066	18.25	0.067
20	64QAM	50	24	17.95	0.062	18.18	0.066	18.12	0.065
20	64QAM	50	50	18.06	0.064	18.09	0.064	18.00	0.063
20	64QAM	100	0	18.35	0.068	18.00	0.063	18.17	0.066

LTE Band 71				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				133197		133297		133397	
Frequency (MHz)				670.5		680.5		690.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	20.95	0.124	21.00	0.126	20.90	0.123
15	QPSK	1	37	20.93	0.124	20.99	0.126	20.87	0.122
15	QPSK	1	74	20.95	0.124	20.94	0.124	20.92	0.124
15	QPSK	36	0	20.07	0.102	20.24	0.106	20.12	0.103
15	QPSK	36	20	19.95	0.099	20.19	0.104	20.14	0.103
15	QPSK	36	39	20.12	0.103	20.06	0.101	19.97	0.099
15	QPSK	75	0	20.04	0.101	20.18	0.104	20.04	0.101
15	16QAM	1	0	20.08	0.102	20.16	0.104	19.89	0.097
15	16QAM	1	37	20.04	0.101	20.17	0.104	20.03	0.101
15	16QAM	1	74	19.95	0.099	19.93	0.098	19.99	0.100
15	16QAM	36	0	19.09	0.081	19.21	0.083	19.18	0.083
15	16QAM	36	20	19.00	0.079	18.97	0.079	19.05	0.080
15	16QAM	36	39	19.15	0.082	18.95	0.079	18.96	0.079
15	16QAM	75	0	19.11	0.081	19.02	0.080	18.95	0.079
15	64QAM	1	0	19.26	0.084	19.09	0.081	19.16	0.082
15	64QAM	1	37	18.98	0.079	19.03	0.080	18.93	0.078
15	64QAM	1	74	18.99	0.079	18.94	0.078	19.01	0.080
15	64QAM	36	0	18.05	0.064	18.15	0.065	18.21	0.066
15	64QAM	36	20	17.91	0.062	18.15	0.065	18.08	0.064
15	64QAM	36	39	18.02	0.063	18.06	0.064	17.96	0.063
15	64QAM	75	0	18.31	0.068	17.97	0.063	18.13	0.065

LTE Band 71				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				133172		133297		133422	
Frequency (MHz)				668		680.5		693	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	20.91	0.123	20.97	0.125	20.88	0.122
10	QPSK	1	25	20.89	0.123	20.96	0.125	20.93	0.124
10	QPSK	1	49	20.88	0.122	20.91	0.123	20.90	0.123
10	QPSK	25	0	20.03	0.101	20.21	0.105	20.10	0.102
10	QPSK	25	12	19.91	0.098	20.16	0.104	20.12	0.103
10	QPSK	25	25	20.08	0.102	20.03	0.101	19.95	0.099
10	QPSK	50	0	20.00	0.100	20.15	0.104	20.02	0.100
10	16QAM	1	0	20.04	0.101	20.13	0.103	19.87	0.097
10	16QAM	1	25	20.00	0.100	20.14	0.103	19.91	0.098
10	16QAM	1	49	19.91	0.098	19.90	0.098	19.92	0.098
10	16QAM	25	0	19.05	0.080	19.18	0.083	19.16	0.082
10	16QAM	25	12	18.96	0.079	18.94	0.078	19.03	0.080
10	16QAM	25	25	19.11	0.081	18.92	0.078	18.94	0.078
10	16QAM	50	0	19.07	0.081	18.99	0.079	18.93	0.078
10	64QAM	1	0	19.22	0.084	19.06	0.081	19.14	0.082
10	64QAM	1	25	18.94	0.078	19.00	0.079	18.91	0.078
10	64QAM	1	49	18.95	0.079	18.91	0.078	18.99	0.079
10	64QAM	25	0	18.01	0.063	18.12	0.065	18.19	0.066
10	64QAM	25	12	17.87	0.061	18.12	0.065	18.06	0.064
10	64QAM	25	25	17.98	0.063	18.03	0.064	17.94	0.062
10	64QAM	50	0	18.27	0.067	17.94	0.062	18.11	0.065

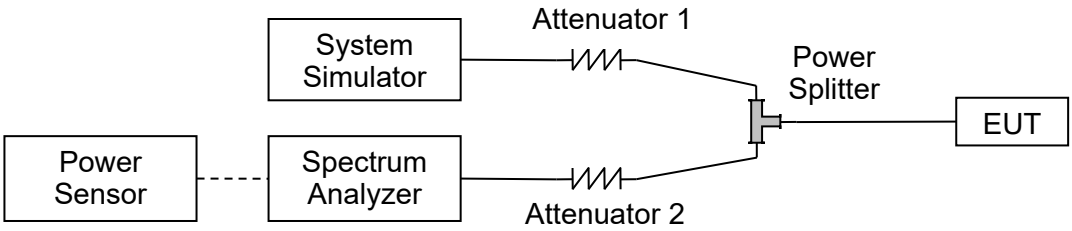
LTE Band 71				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				133147		133297		133447	
Frequency (MHz)				665.5		680.5		695.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	20.94	0.124	20.98	0.125	20.89	0.123
5	QPSK	1	12	20.92	0.124	20.97	0.125	20.90	0.123
5	QPSK	1	24	20.87	0.122	20.88	0.122	20.87	0.122
5	QPSK	12	0	20.06	0.101	20.22	0.105	20.11	0.103
5	QPSK	12	7	19.94	0.099	20.17	0.104	20.13	0.103
5	QPSK	12	13	20.11	0.103	20.04	0.101	19.96	0.099
5	QPSK	25	0	20.03	0.101	20.16	0.104	20.03	0.101
5	16QAM	1	0	20.07	0.102	20.14	0.103	19.88	0.097
5	16QAM	1	12	20.03	0.101	20.15	0.104	19.88	0.097
5	16QAM	1	24	19.94	0.099	19.91	0.098	19.89	0.097
5	16QAM	12	0	19.08	0.081	19.19	0.083	19.17	0.083
5	16QAM	12	7	18.99	0.079	18.95	0.079	19.04	0.080
5	16QAM	12	13	19.14	0.082	18.93	0.078	18.95	0.079
5	16QAM	25	0	19.10	0.081	19.00	0.079	18.94	0.078
5	64QAM	1	0	19.25	0.084	19.07	0.081	19.15	0.082
5	64QAM	1	12	18.97	0.079	19.01	0.080	18.92	0.078
5	64QAM	1	24	18.98	0.079	18.92	0.078	19.00	0.079
5	64QAM	12	0	18.04	0.064	18.13	0.065	18.20	0.066
5	64QAM	12	7	17.90	0.062	18.13	0.065	18.07	0.064
5	64QAM	12	13	18.01	0.063	18.04	0.064	17.95	0.062
5	64QAM	25	0	18.30	0.068	17.95	0.062	18.12	0.065

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	1.29
	Low	16QAM	1.09	1.29
	Low	64QAM	1.10	1.29
	Mid	QPSK	1.09	1.29
	Mid	16QAM	1.10	1.29
	Mid	64QAM	1.09	1.25
	High	QPSK	1.10	1.28
	High	16QAM	1.10	1.27
	High	64QAM	1.10	1.27
3	Low	QPSK	2.69	2.93
	Low	16QAM	2.69	2.94
	Low	64QAM	2.69	2.92
	Mid	QPSK	2.69	2.92
	Mid	16QAM	2.69	2.92
	Mid	64QAM	2.70	2.92
	High	QPSK	2.69	2.89
	High	16QAM	2.69	2.94
	High	64QAM	2.69	2.92
5	Low	QPSK	4.49	4.94
	Low	16QAM	4.50	4.92
	Low	64QAM	4.51	4.92
	Mid	QPSK	4.50	4.93
	Mid	16QAM	4.50	4.93
	Mid	64QAM	4.50	4.93
	High	QPSK	4.50	4.91
	High	16QAM	4.51	5.08
	High	64QAM	4.52	4.93
10	Low	QPSK	9.00	9.73
	Low	16QAM	8.97	9.75
	Low	64QAM	8.99	9.76
	Mid	QPSK	9.00	9.75
	Mid	16QAM	8.98	9.73
	Mid	64QAM	8.99	9.78
	High	QPSK	8.99	9.77
	High	16QAM	8.97	9.67
	High	64QAM	8.98	9.72

15	Low	QPSK	13.46	14.54
	Low	16QAM	13.48	14.64
	Low	64QAM	13.46	14.64
	Mid	QPSK	13.48	14.58
	Mid	16QAM	13.48	14.66
	Mid	64QAM	13.47	14.59
	High	QPSK	13.51	14.57
	High	16QAM	13.45	14.59
	High	64QAM	13.45	14.57
20	Low	QPSK	17.94	19.39
	Low	16QAM	17.96	19.31
	Low	64QAM	17.94	19.36
	Mid	QPSK	17.98	19.31
	Mid	16QAM	17.99	19.37
	Mid	64QAM	18.01	19.42
	High	QPSK	17.94	19.37
	High	16QAM	17.93	19.44
	High	64QAM	17.94	19.42

LTE Band 4				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.09	1.27
	Low	16QAM	1.10	1.29
	Low	64QAM	1.10	1.29
	Mid	QPSK	1.09	1.27
	Mid	16QAM	1.10	1.31
	Mid	64QAM	1.10	1.29
	High	QPSK	1.10	1.28
	High	16QAM	1.10	1.29
	High	64QAM	1.10	1.26
3	Low	QPSK	2.69	2.91
	Low	16QAM	2.69	2.93
	Low	64QAM	2.70	2.91
	Mid	QPSK	2.68	2.91
	Mid	16QAM	2.68	2.93
	Mid	64QAM	2.70	2.92
	High	QPSK	2.69	2.9
	High	16QAM	2.70	2.94
	High	64QAM	2.70	2.93
5	Low	QPSK	4.49	4.93
	Low	16QAM	4.50	4.9
	Low	64QAM	4.50	4.94
	Mid	QPSK	4.50	4.94
	Mid	16QAM	4.50	4.93
	Mid	64QAM	4.51	4.94
	High	QPSK	4.50	4.91
	High	16QAM	4.51	4.91
	High	64QAM	4.51	4.91
10	Low	QPSK	8.99	9.74
	Low	16QAM	8.97	9.60
	Low	64QAM	8.99	9.81
	Mid	QPSK	9.00	9.75
	Mid	16QAM	8.96	9.71
	Mid	64QAM	8.98	9.76
	High	QPSK	9.00	9.80
	High	16QAM	8.97	9.72
	High	64QAM	8.98	9.75

15	Low	QPSK	13.45	14.57
	Low	16QAM	13.48	14.57
	Low	64QAM	13.46	14.64
	Mid	QPSK	13.46	14.59
	Mid	16QAM	13.44	14.47
	Mid	64QAM	13.45	14.58
	High	QPSK	13.47	14.56
	High	16QAM	13.47	14.55
	High	64QAM	13.47	14.62
20	Low	QPSK	17.94	19.26
	Low	16QAM	17.94	19.36
	Low	64QAM	17.93	19.41
	Mid	QPSK	17.95	19.39
	Mid	16QAM	17.93	19.32
	Mid	64QAM	17.94	19.4
	High	QPSK	17.96	19.26
	High	16QAM	17.98	19.46
	High	64QAM	17.98	19.35

LTE Band 5				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.09	1.27
	Low	16QAM	1.10	1.30
	Low	64QAM	1.10	1.29
	Mid	QPSK	1.10	1.28
	Mid	16QAM	1.10	1.29
	Mid	64QAM	1.10	1.29
	High	QPSK	1.09	1.27
	High	16QAM	1.09	1.29
	High	64QAM	1.10	1.29
3	Low	QPSK	2.68	2.89
	Low	16QAM	2.69	2.93
	Low	64QAM	2.70	2.92
	Mid	QPSK	2.69	2.91
	Mid	16QAM	2.69	2.93
	Mid	64QAM	2.69	2.92
	High	QPSK	2.69	2.92
	High	16QAM	2.68	2.88
	High	64QAM	2.69	2.92
5	Low	QPSK	4.50	4.93
	Low	16QAM	4.50	4.91
	Low	64QAM	4.50	4.89
	Mid	QPSK	4.49	4.92
	Mid	16QAM	4.50	4.89
	Mid	64QAM	4.49	4.93
	High	QPSK	4.49	4.93
	High	16QAM	4.49	4.94
	High	64QAM	4.50	4.93
10	Low	QPSK	9.00	9.76
	Low	16QAM	8.98	9.73
	Low	64QAM	8.99	9.75
	Mid	QPSK	8.97	9.73
	Mid	16QAM	8.96	9.72
	Mid	64QAM	8.97	9.76
	High	QPSK	9.00	9.74
	High	16QAM	8.96	9.71
	High	64QAM	8.98	9.73

LTE Band 12				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.09	1.27
	Low	16QAM	1.10	1.29
	Low	64QAM	1.10	1.31
	Mid	QPSK	1.10	1.27
	Mid	16QAM	1.10	1.29
	Mid	64QAM	1.10	1.28
	High	QPSK	1.09	1.27
	High	16QAM	1.10	1.29
	High	64QAM	1.10	1.28
3	Low	QPSK	2.68	2.92
	Low	16QAM	2.69	2.92
	Low	64QAM	2.70	2.92
	Mid	QPSK	2.69	2.91
	Mid	16QAM	2.69	2.93
	Mid	64QAM	2.69	2.91
	High	QPSK	2.69	2.92
	High	16QAM	2.70	2.92
	High	64QAM	2.69	2.92
5	Low	QPSK	4.51	5.15
	Low	16QAM	4.50	5.16
	Low	64QAM	4.52	5.10
	Mid	QPSK	4.51	5.09
	Mid	16QAM	4.53	5.22
	Mid	64QAM	4.52	5.17
	High	QPSK	4.52	5.17
	High	16QAM	4.52	5.17
	High	64QAM	4.52	5.17
10	Low	QPSK	9.02	10.08
	Low	16QAM	9.00	9.99
	Low	64QAM	9.04	10.19
	Mid	QPSK	9.02	9.94
	Mid	16QAM	8.99	9.89
	Mid	64QAM	9.01	10.17
	High	QPSK	9.01	10.09
	High	16QAM	8.96	9.94
	High	64QAM	8.98	10.00

LTE Band 13				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.51	5.12
	Low	16QAM	4.52	5.08
	Low	64QAM	4.52	5.16
	Mid	QPSK	4.51	5.15
	Mid	16QAM	4.51	5.1
	Mid	64QAM	4.52	5.14
	High	QPSK	4.51	5.2
	High	16QAM	4.51	5.08
	High	64QAM	4.52	5.14
10	Low	QPSK	9.02	10.31
	Low	16QAM	8.98	9.94
	Low	64QAM	8.97	9.97
	Mid	QPSK	9.02	10.08
	Mid	16QAM	8.97	9.99
	Mid	64QAM	9.01	10.09
	High	QPSK	9.02	10.08
	High	16QAM	8.97	9.93
	High	64QAM	9.01	10.11

LTE Band 25				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.09	1.28
	Low	16QAM	1.09	1.31
	Low	64QAM	1.10	1.30
	Mid	QPSK	1.10	1.28
	Mid	16QAM	1.10	1.29
	Mid	64QAM	1.10	1.28
	High	QPSK	1.09	1.27
	High	16QAM	1.10	1.29
	High	64QAM	1.10	1.29
3	Low	QPSK	2.69	2.91
	Low	16QAM	2.69	2.94
	Low	64QAM	2.70	2.92
	Mid	QPSK	2.69	2.92
	Mid	16QAM	2.69	2.94
	Mid	64QAM	2.70	2.91
	High	QPSK	2.69	2.91
	High	16QAM	2.70	2.93
	High	64QAM	2.70	2.92
5	Low	QPSK	4.52	5.18
	Low	16QAM	4.51	5.11
	Low	64QAM	4.52	5.16
	Mid	QPSK	4.52	5.15
	Mid	16QAM	4.52	5.24
	Mid	64QAM	4.53	5.18
	High	QPSK	4.52	5.21
	High	16QAM	4.51	5.15
	High	64QAM	4.52	5.19
10	Low	QPSK	9.02	10.06
	Low	16QAM	8.98	10.0
	Low	64QAM	9.02	10.09
	Mid	QPSK	9.01	10.47
	Mid	16QAM	9.00	10.33
	Mid	64QAM	9.02	10.12
	High	QPSK	9.03	10.09
	High	16QAM	8.99	10.03
	High	64QAM	9.00	10.12

15	Low	QPSK	13.49	15.08
	Low	16QAM	13.52	14.94
	Low	64QAM	13.48	14.98
	Mid	QPSK	13.51	15.03
	Mid	16QAM	13.53	15.09
	Mid	64QAM	13.49	14.97
	High	QPSK	13.48	14.94
	High	16QAM	13.48	14.97
	High	64QAM	13.46	14.98
20	Low	QPSK	17.94	19.65
	Low	16QAM	17.98	19.69
	Low	64QAM	17.96	19.86
	Mid	QPSK	18.01	23.35
	Mid	16QAM	18.01	19.82
	Mid	64QAM	18.02	19.96
	High	QPSK	17.93	19.50
	High	16QAM	17.99	19.74
	High	64QAM	17.98	19.64

LTE Band 26				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.09	1.28
	Low	16QAM	1.10	1.30
	Low	64QAM	1.10	1.29
	Mid	QPSK	1.09	1.28
	Mid	16QAM	1.10	1.28
	Mid	64QAM	1.10	1.28
	High	QPSK	1.09	1.29
	High	16QAM	1.10	1.29
	High	64QAM	1.10	1.29
3	Low	QPSK	2.69	2.93
	Low	16QAM	2.69	2.93
	Low	64QAM	2.69	2.92
	Mid	QPSK	2.69	2.92
	Mid	16QAM	2.69	2.91
	Mid	64QAM	2.70	2.91
	High	QPSK	2.68	2.91
	High	16QAM	2.69	2.91
	High	64QAM	2.70	2.91
5	Low	QPSK	4.50	4.90
	Low	16QAM	4.50	4.90
	Low	64QAM	4.50	4.90
	Mid	QPSK	4.50	4.96
	Mid	16QAM	4.50	4.94
	Mid	64QAM	4.50	4.93
	High	QPSK	4.49	4.91
	High	16QAM	4.49	4.89
	High	64QAM	4.50	4.95
10	Low	QPSK	8.98	9.76
	Low	16QAM	8.99	9.69
	Low	64QAM	8.99	9.75
	Mid	QPSK	8.99	9.75
	Mid	16QAM	8.97	9.67
	Mid	64QAM	8.97	9.77
	High	QPSK	9.01	9.65
	High	16QAM	8.98	9.73
	High	64QAM	8.99	9.76

15	Low	QPSK	13.48	14.59
	Low	16QAM	13.48	14.54
	Low	64QAM	13.47	14.68
	Mid	QPSK	13.45	14.53
	Mid	16QAM	13.46	14.51
	Mid	64QAM	13.45	14.5
	High	QPSK	13.49	14.55
	High	16QAM	13.48	14.8
	High	64QAM	13.44	14.53

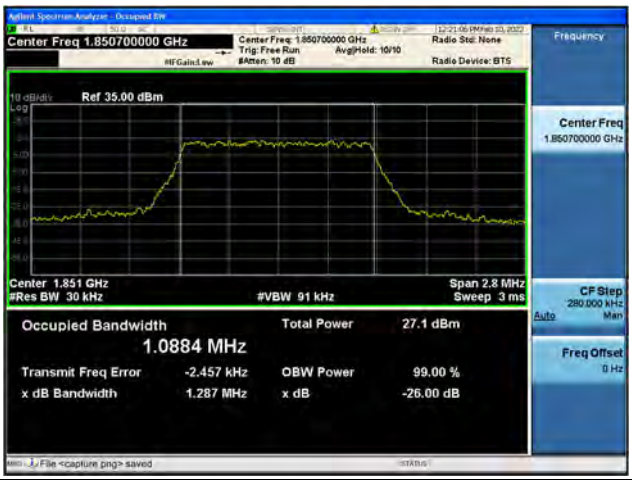
LTE Band 41				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.49	4.87
	Low	16QAM	4.51	5.32
	Low	64QAM	4.52	4.91
	Mid	QPSK	4.50	4.85
	Mid	16QAM	4.50	4.96
	Mid	64QAM	4.53	4.83
	High	QPSK	4.50	4.92
	High	16QAM	4.53	4.76
	High	64QAM	4.51	4.90
10	Low	QPSK	9.00	9.93
	Low	16QAM	8.99	9.69
	Low	64QAM	8.97	9.97
	Mid	QPSK	8.98	9.61
	Mid	16QAM	8.97	9.92
	Mid	64QAM	8.96	9.88
	High	QPSK	8.97	10.20
	High	16QAM	8.98	10.35
	High	64QAM	8.98	9.86
15	Low	QPSK	13.46	14.76
	Low	16QAM	13.47	15.08
	Low	64QAM	13.46	14.68
	Mid	QPSK	13.58	14.59
	Mid	16QAM	13.50	14.93
	Mid	64QAM	13.46	14.62
	High	QPSK	13.50	14.58
	High	16QAM	13.49	15.31
	High	64QAM	13.43	14.57
20	Low	QPSK	17.93	19.23
	Low	16QAM	17.92	19.31
	Low	64QAM	17.92	21.03
	Mid	QPSK	17.96	19.45
	Mid	16QAM	17.93	19.26
	Mid	64QAM	17.93	20.32
	High	QPSK	17.97	20.23
	High	16QAM	17.90	19.77
	High	64QAM	17.96	19.90

LTE Band 66				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.09	1.26
	Low	16QAM	1.10	1.29
	Low	64QAM	1.10	1.28
	Mid	QPSK	1.09	1.29
	Mid	16QAM	1.10	1.29
	Mid	64QAM	1.10	1.28
	High	QPSK	1.10	1.29
	High	16QAM	1.10	1.30
	High	64QAM	1.10	1.29
3	Low	QPSK	2.69	2.92
	Low	16QAM	2.69	2.94
	Low	64QAM	2.70	2.91
	Mid	QPSK	2.69	2.93
	Mid	16QAM	2.69	2.93
	Mid	64QAM	2.70	2.92
	High	QPSK	2.69	2.93
	High	16QAM	2.69	2.89
	High	64QAM	2.70	2.93
5	Low	QPSK	4.51	5.15
	Low	16QAM	4.52	5.17
	Low	64QAM	4.52	5.12
	Mid	QPSK	4.52	5.15
	Mid	16QAM	4.51	5.12
	Mid	64QAM	4.53	5.09
	High	QPSK	4.52	5.19
	High	16QAM	4.52	5.18
	High	64QAM	4.53	5.16
10	Low	QPSK	9.03	10.06
	Low	16QAM	8.98	9.85
	Low	64QAM	9.02	10.08
	Mid	QPSK	9.01	10.05
	Mid	16QAM	8.99	9.90
	Mid	64QAM	9.01	10.08
	High	QPSK	9.02	9.97
	High	16QAM	8.99	9.88
	High	64QAM	9.02	10.10

15	Low	QPSK	13.48	14.95
	Low	16QAM	13.51	15.05
	Low	64QAM	13.47	15.02
	Mid	QPSK	13.50	14.98
	Mid	16QAM	13.50	15.11
	Mid	64QAM	13.48	15.01
	High	QPSK	13.49	14.76
	High	16QAM	13.50	15.05
	High	64QAM	13.47	14.97
20	Low	QPSK	17.94	19.59
	Low	16QAM	17.97	19.60
	Low	64QAM	17.97	19.72
	Mid	QPSK	17.97	19.68
	Mid	16QAM	18.01	19.76
	Mid	64QAM	18.01	19.69
	High	QPSK	17.97	19.68
	High	16QAM	17.97	19.57
	High	64QAM	17.99	19.77

LTE Band 71				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.52	5.11
	Low	16QAM	4.51	5.09
	Low	64QAM	4.52	5.11
	Mid	QPSK	4.51	5.15
	Mid	16QAM	4.51	5.18
	Mid	64QAM	4.51	5.17
	High	QPSK	4.51	5.19
	High	16QAM	4.51	5.14
	High	64QAM	4.51	5.13
10	Low	QPSK	8.99	10.04
	Low	16QAM	8.97	9.92
	Low	64QAM	8.98	10.02
	Mid	QPSK	9.02	10.01
	Mid	16QAM	8.96	9.95
	Mid	64QAM	9.01	10.13
	High	QPSK	8.99	9.97
	High	16QAM	8.99	9.98
	High	64QAM	9.02	10.09
15	Low	QPSK	13.53	15.00
	Low	16QAM	13.49	14.98
	Low	64QAM	13.48	14.99
	Mid	QPSK	13.48	14.95
	Mid	16QAM	13.46	15.06
	Mid	64QAM	13.46	15.06
	High	QPSK	13.51	15.10
	High	16QAM	13.50	15.09
	High	64QAM	13.49	15.09
20	Low	QPSK	17.93	19.55
	Low	16QAM	17.97	19.33
	Low	64QAM	17.95	19.67
	Mid	QPSK	17.96	19.78
	Mid	16QAM	17.93	19.79
	Mid	64QAM	17.94	19.53
	High	QPSK	17.98	19.62
	High	16QAM	18.02	19.78
	High	64QAM	17.97	19.65

Band2 / 1.4MHz / Low CH / QPSK



Band2 / 1.4MHz / Low CH / 16QAM

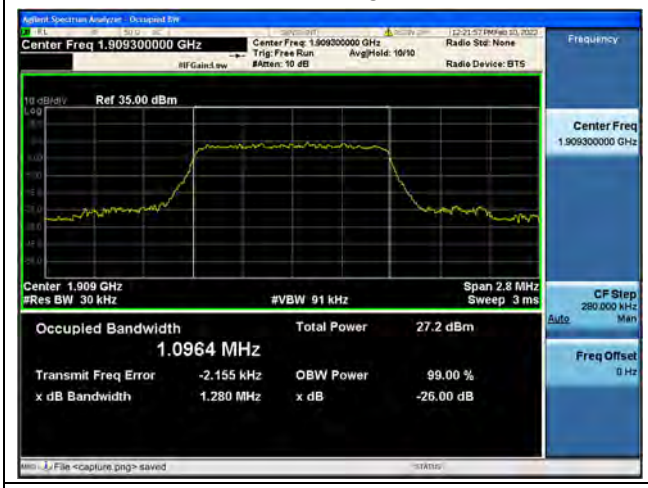
Band2 / 1.4MHz / Low CH / 64QAM

Band2 / 1.4MHz / Mid CH / QPSK

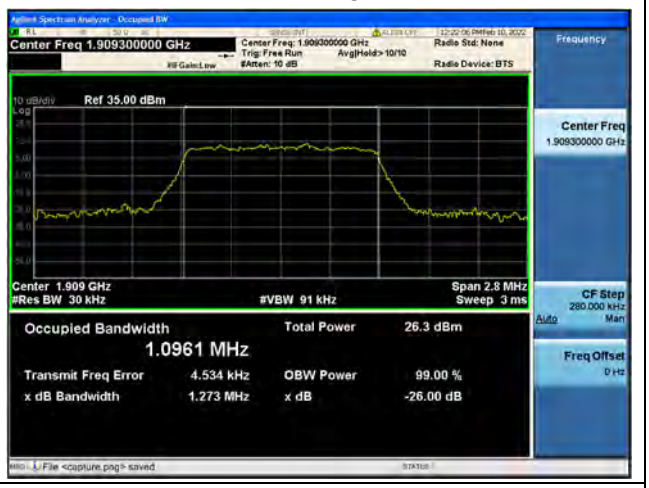
Band2 / 1.4MHz / Mid CH / 16QAM

Band2 / 1.4MHz / Mid CH / 64QAM

Band2 / 1.4MHz / High CH / QPSK

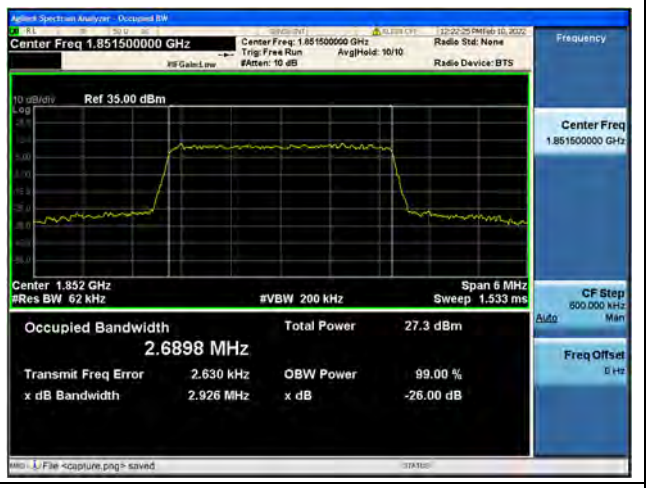


Band2 / 1.4MHz / High CH / 16QAM



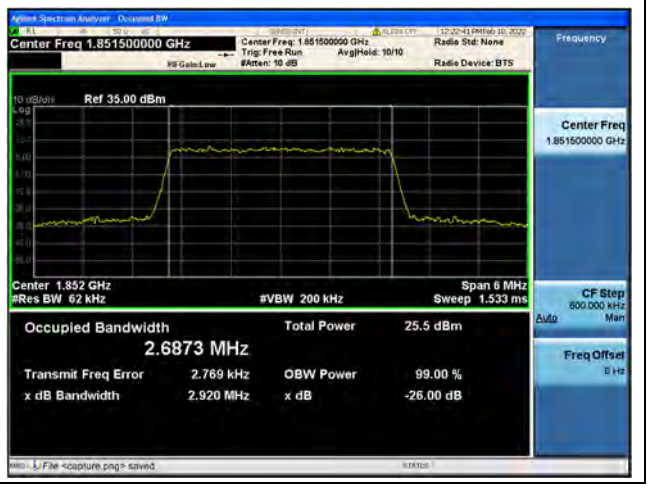
Band2 / 1.4MHz / High CH / 64QAM

Band2 / 3MHz / Low CH / QPSK



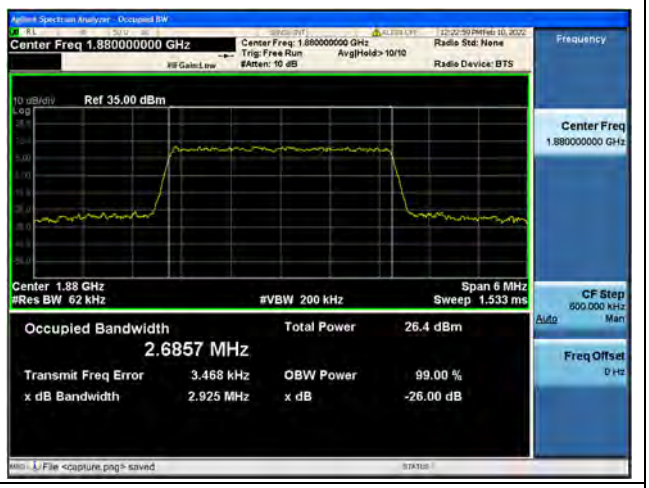
Band2 / 3MHz / Low CH / 16QAM

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

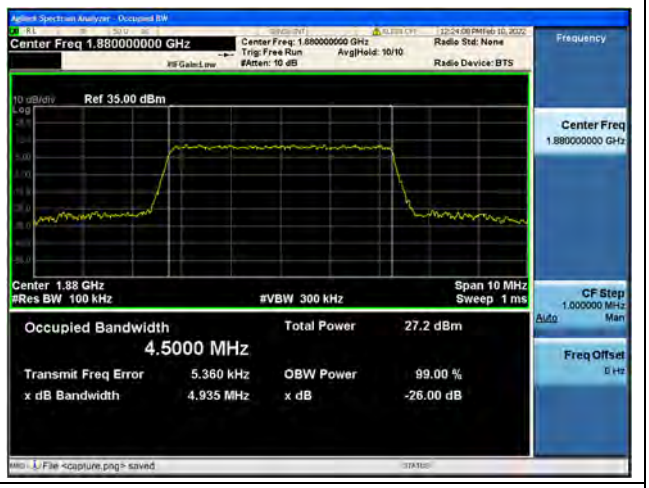
Band2 / 3MHz / High CH / 64QAM

Band2 / 5MHz / Low CH / QPSK

Band2 / 5MHz / Low CH / 16QAM

Band2 / 5MHz / Low CH / 64QAM

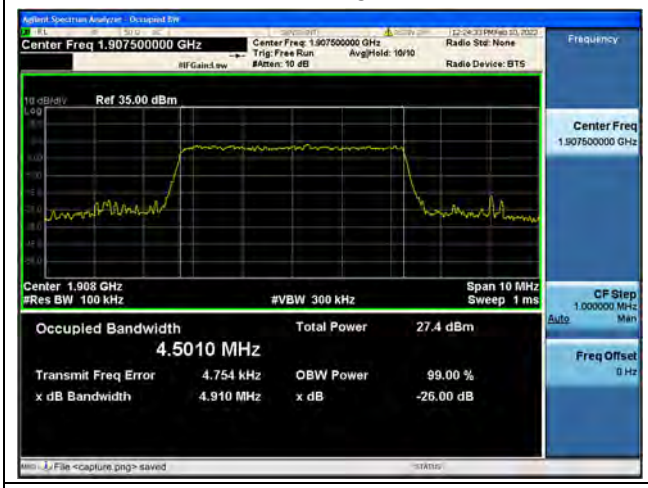
Band2 / 5MHz / Mid CH / QPSK



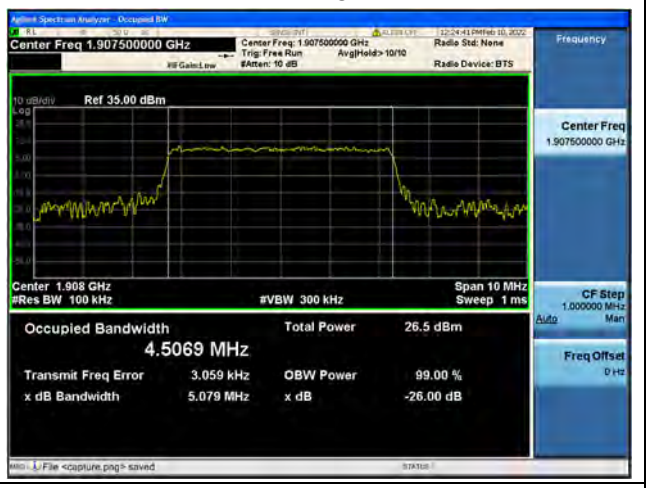
Band2 / 5MHz / Mid CH / 16QAM

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

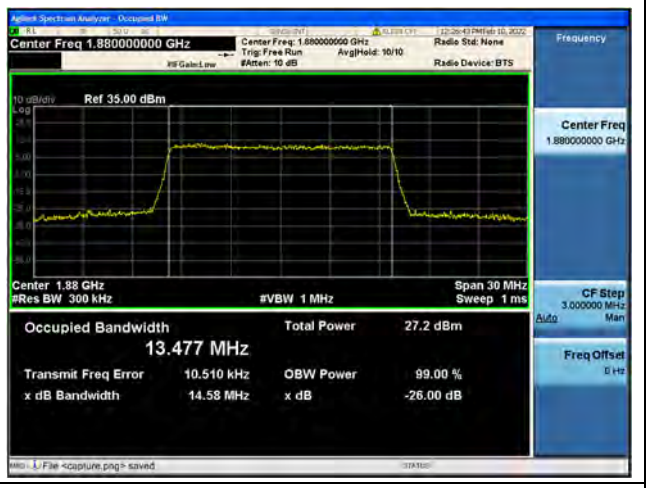
Band2 / 10MHz / High CH / 64QAM

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

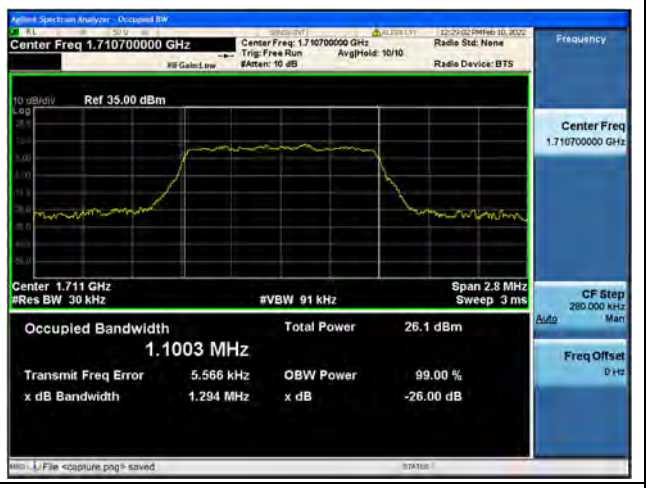
Band2 / 20MHz / High CH / QPSK

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

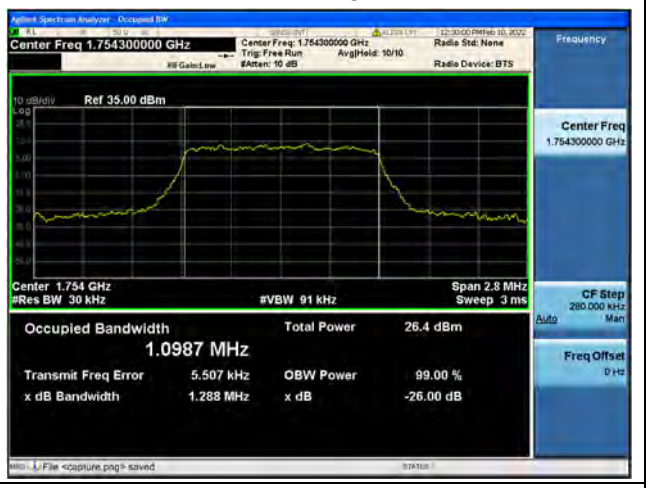
Band4 / 1.4MHz / Mid CH / QPSK

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

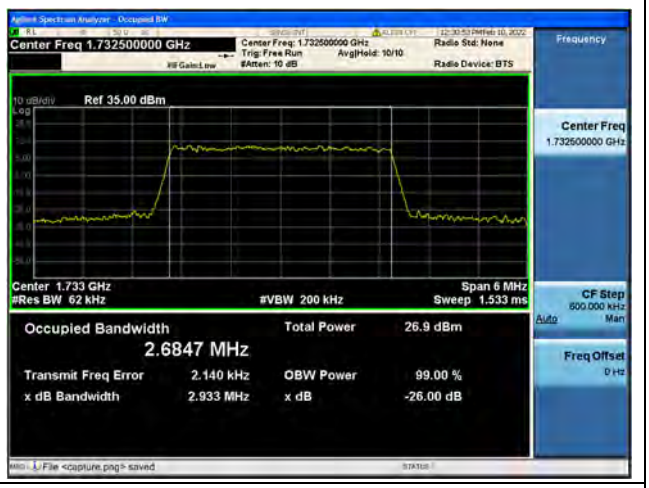
Band4 / 3MHz / Low CH / QPSK

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

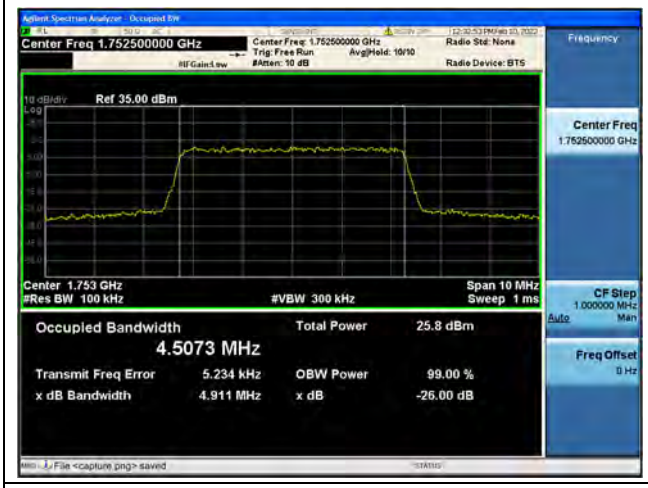
Band4 / 5MHz / Mid CH / 16QAM

Band4 / 5MHz / Mid CH / 64QAM

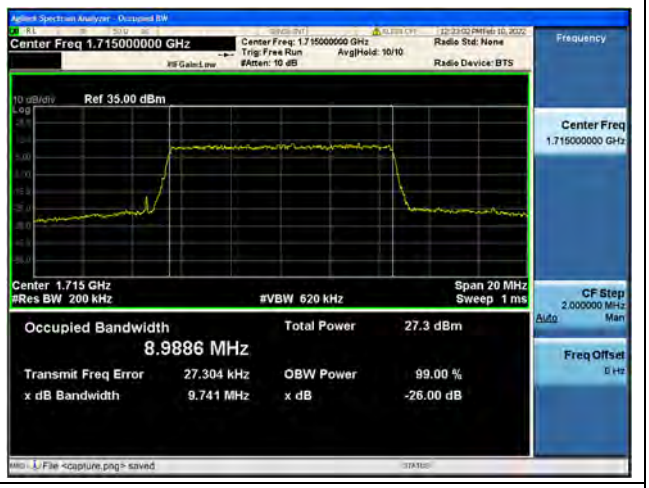
Band4 / 5MHz / High CH / QPSK

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

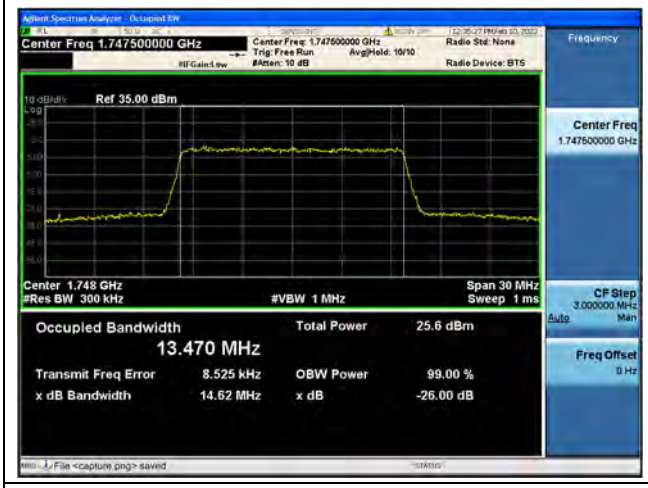
Band4 / 15MHz / Mid CH / 16QAM

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

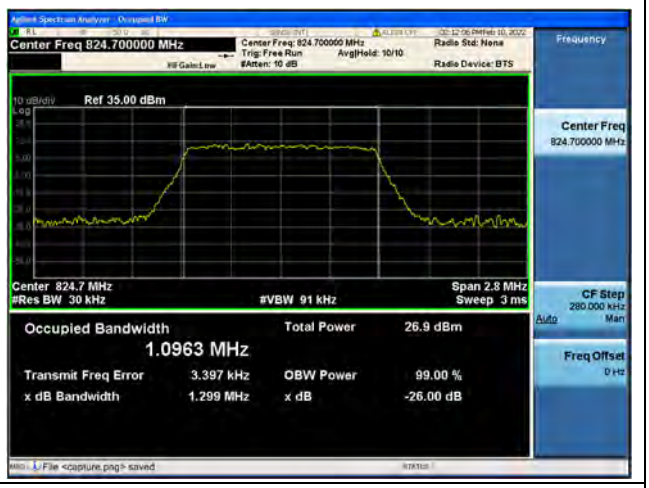
Band4 / 20MHz / High CH / QPSK

Band4 / 20MHz / High CH / 16QAM

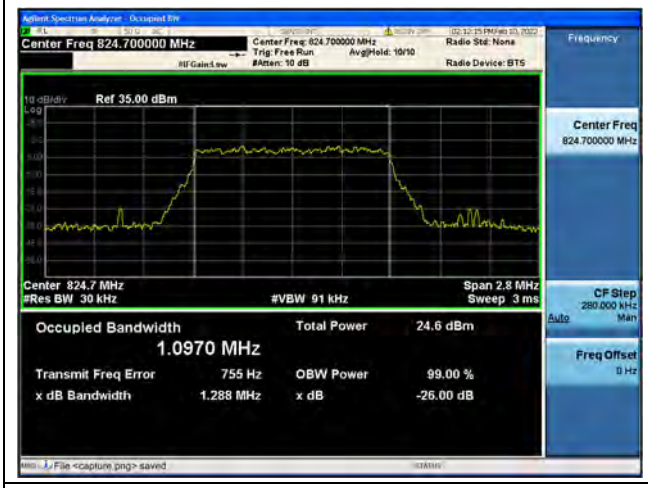
Band4 / 20MHz / High CH / 64QAM

Band5 / 1.4MHz / Low CH / QPSK

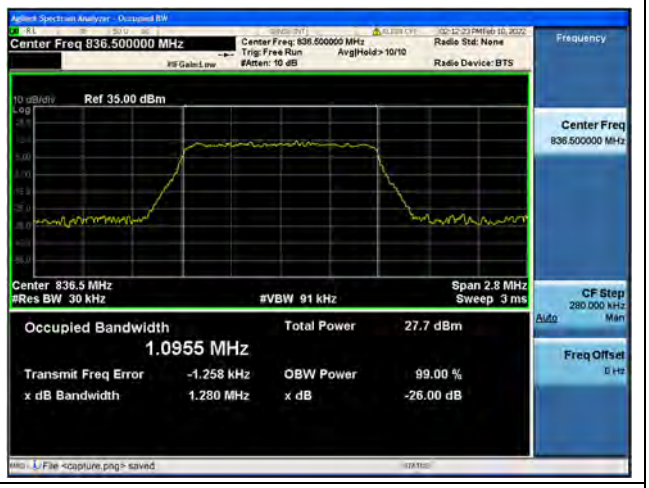
Band5 / 1.4MHz / Low CH / 16QAM



Band5 / 1.4MHz / Low CH / 64QAM

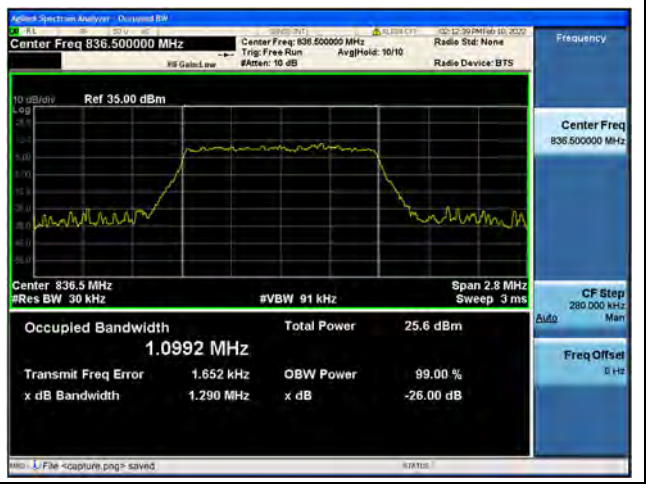


Band5 / 1.4MHz / Mid CH / QPSK



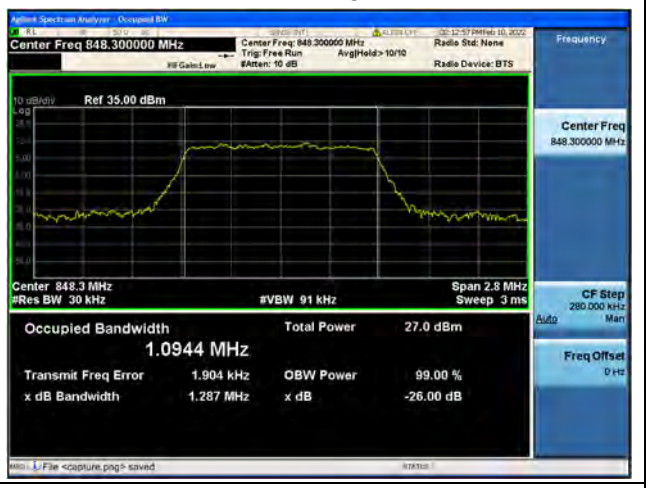
Band5 / 1.4MHz / Mid CH / 16QAM

Band5 / 1.4MHz / Mid CH / 64QAM



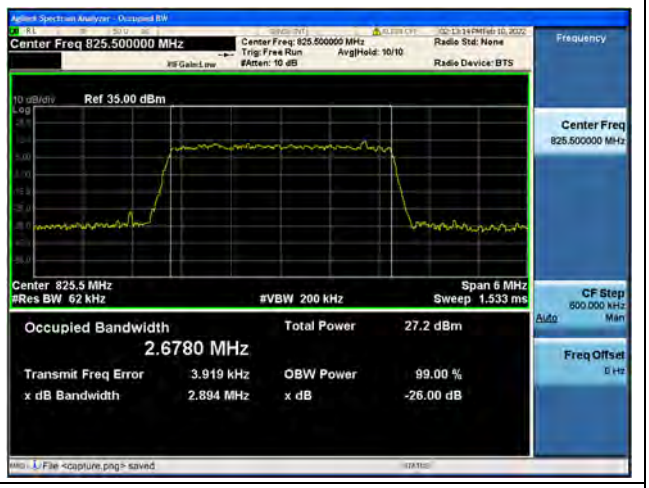
Band5 / 1.4MHz / High CH / QPSK

Band5 / 1.4MHz / High CH / 16QAM



Band5 / 1.4MHz / High CH / 64QAM

Band5 / 3MHz / Low CH / QPSK



Band5 / 3MHz / Low CH / 16QAM

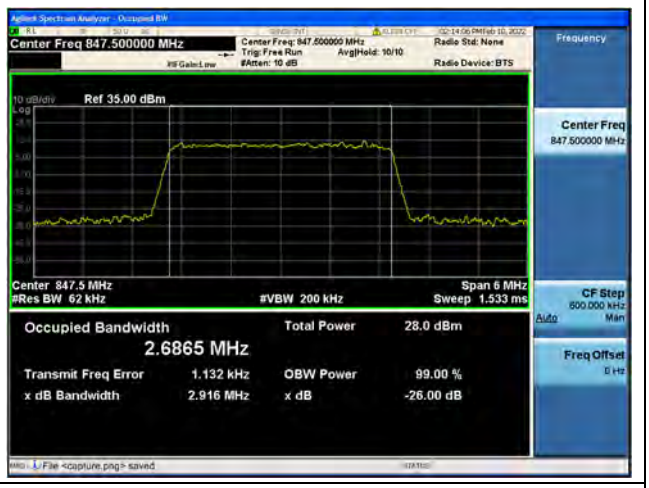
Band5 / 3MHz / Low CH / 64QAM

Band5 / 3MHz / Mid CH / QPSK

Band5 / 3MHz / Mid CH / 16QAM

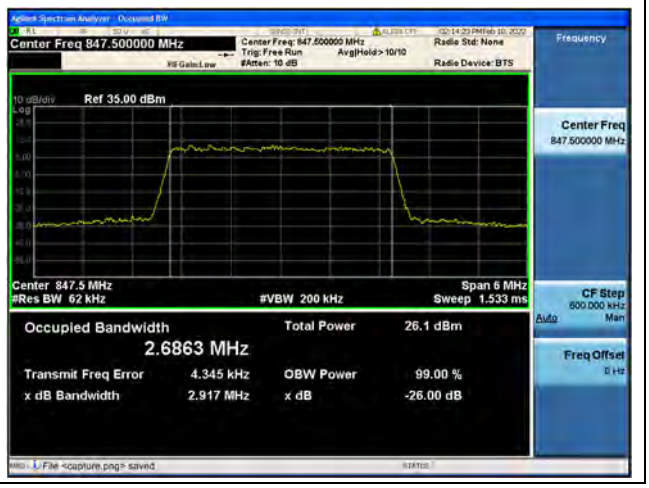
Band5 / 3MHz / Mid CH / 64QAM

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

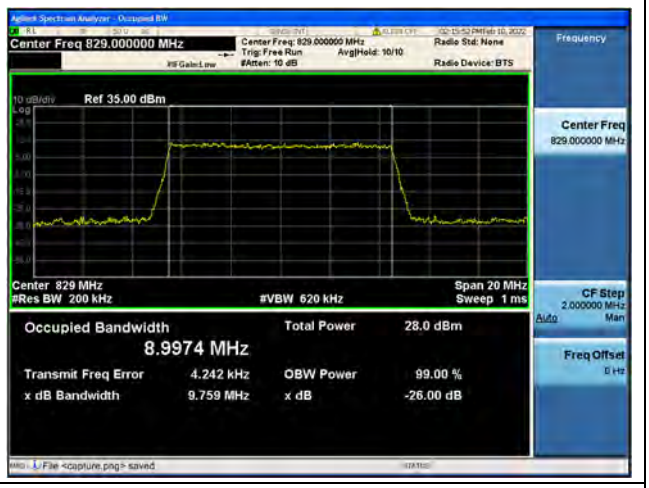
Band5 / 5MHz / Mid CH / 64QAM

Band5 / 5MHz / High CH / QPSK

Band5 / 5MHz / High CH / 16QAM

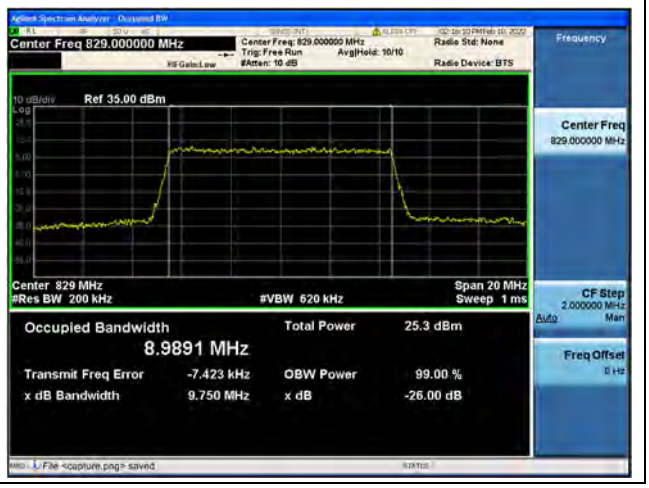
Band5 / 5MHz / High CH / 64QAM

Band5 / 10MHz / Low CH / QPSK

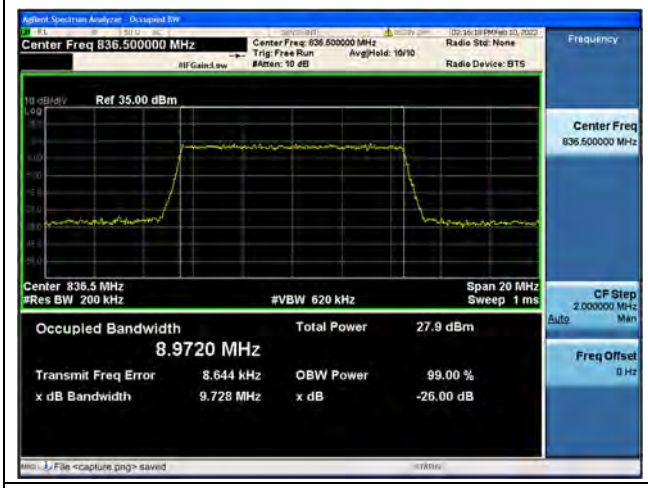


Band5 / 10MHz / Low CH / 16QAM

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

Band12 / 1.4MHz / Low CH / QPSK

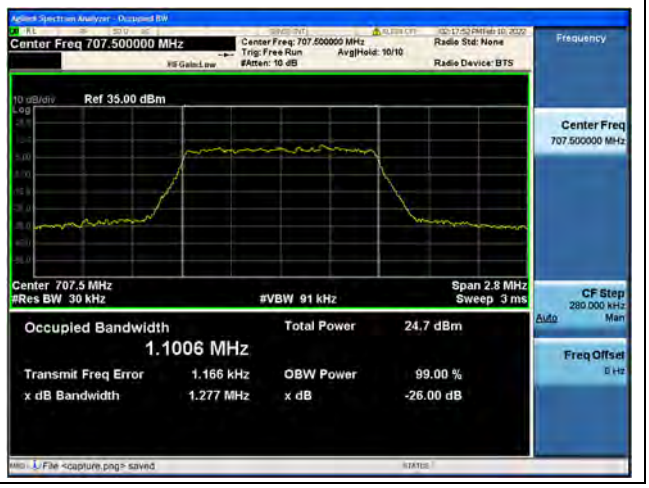
Band12 / 1.4MHz / Low CH / 16QAM

Band12 / 1.4MHz / Low CH / 64QAM

Band12 / 1.4MHz / Mid CH / QPSK

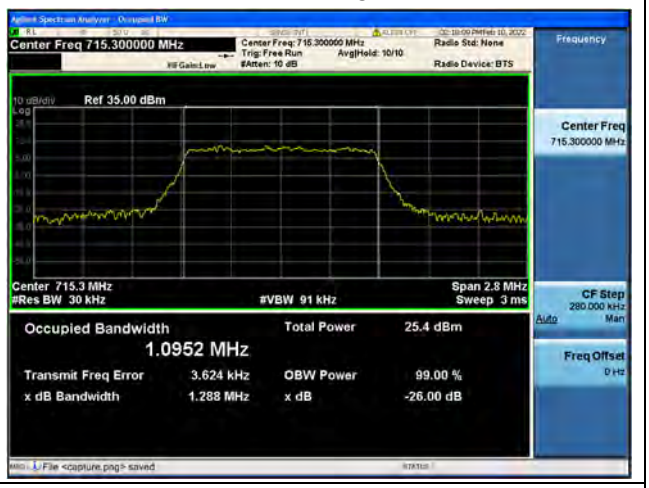
Band12 / 1.4MHz / Mid CH / 16QAM

Band12 / 1.4MHz / Mid CH / 64QAM



Band12 / 1.4MHz / High CH / QPSK

Band12 / 1.4MHz / High CH / 16QAM

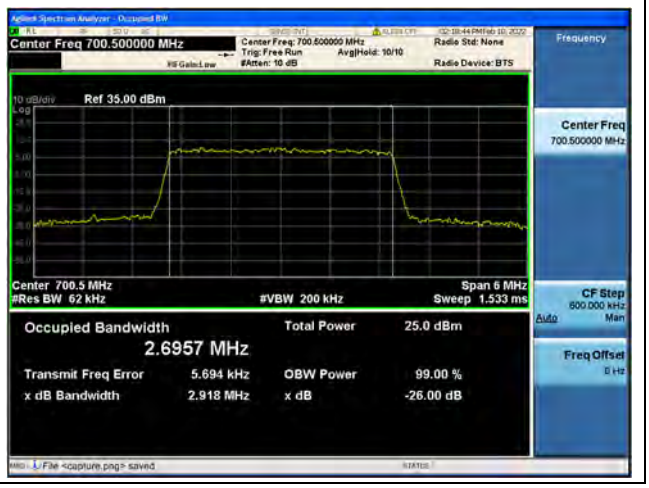


Band12 / 1.4MHz / High CH / 64QAM

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

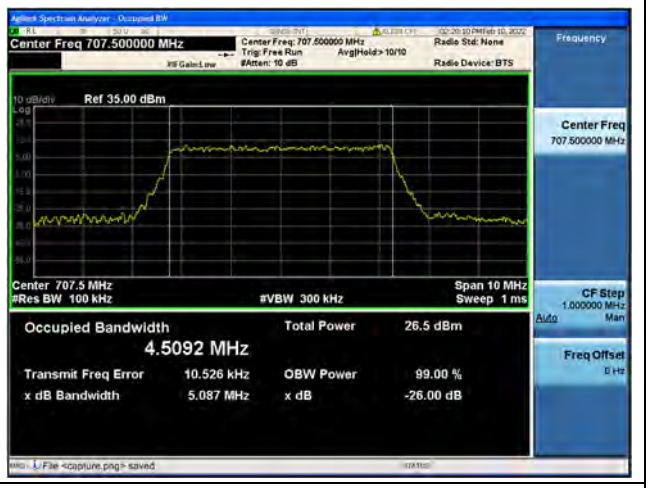
Band12 / 3MHz / High CH / 64QAM

Band12 / 5MHz / Low CH / QPSK

Band12 / 5MHz / Low CH / 16QAM

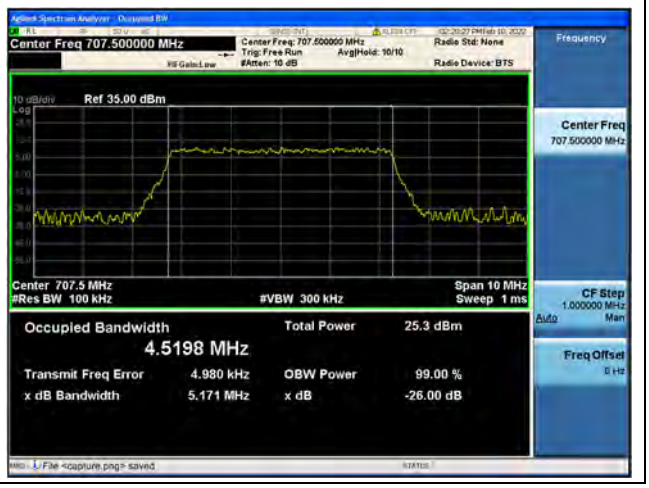
Band12 / 5MHz / Low CH / 64QAM

Band12 / 5MHz / Mid CH / QPSK



Band12 / 5MHz / Mid CH / 16QAM

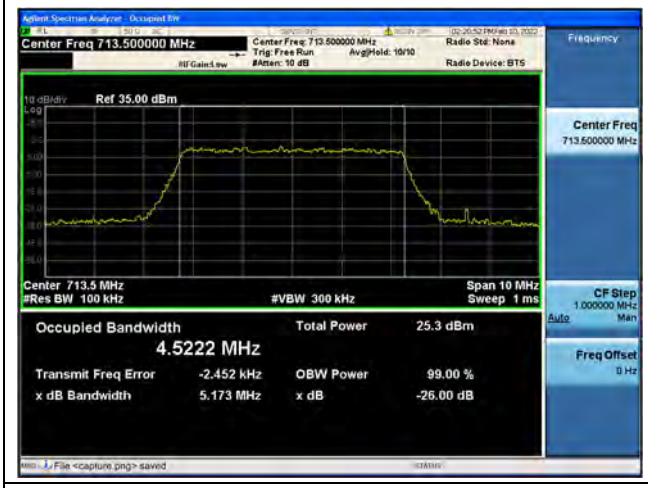
Band12 / 5MHz / Mid CH / 64QAM



Band12 / 5MHz / High CH / QPSK

Band12 / 5MHz / High CH / 16QAM

Band12 / 5MHz / High CH / 64QAM



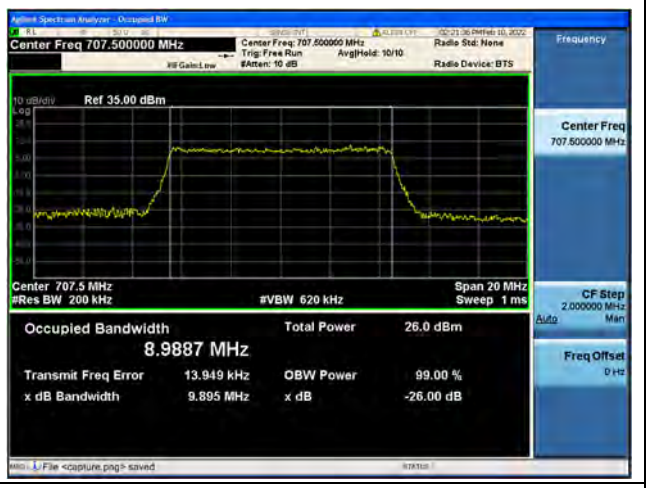
Band12 / 10MHz / Low CH / QPSK

Band12 / 10MHz / Low CH / 16QAM

Band12 / 10MHz / Low CH / 64QAM

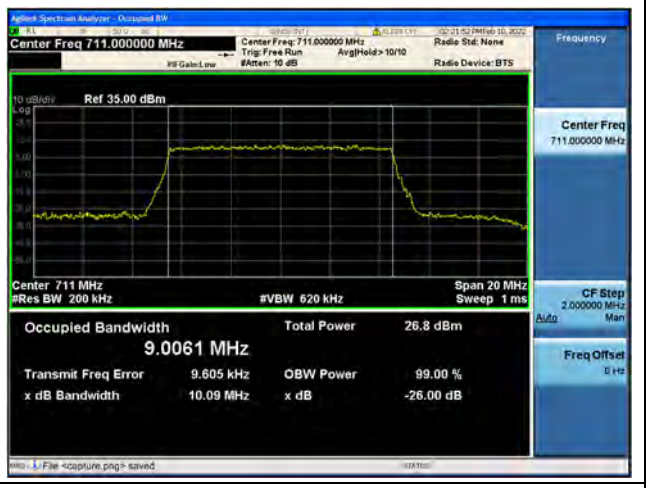
Band12 / 10MHz / Mid CH / QPSK

Band12 / 10MHz / Mid CH / 16QAM



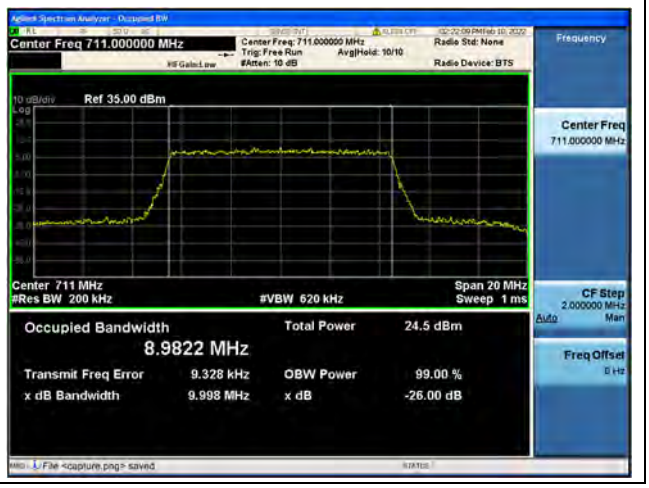
Band12 / 10MHz / Mid CH / 64QAM

Band12 / 10MHz / High CH / QPSK



Band12 / 10MHz / High CH / 16QAM

Band12 / 10MHz / High CH / 64QAM



Band13 / 5MHz / Low CH / QPSK

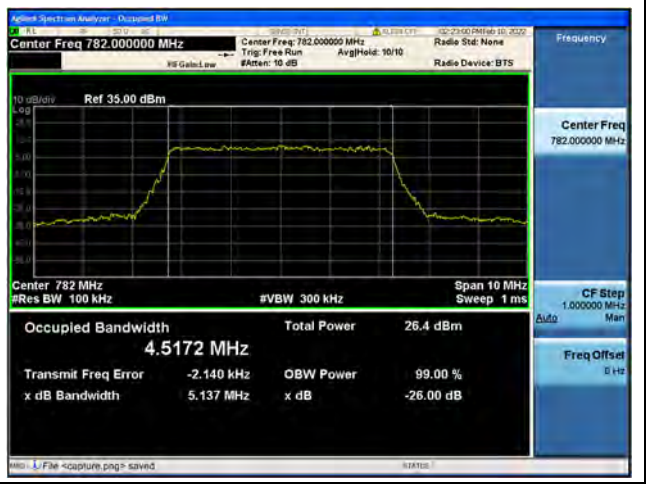
Band13 / 5MHz / Low CH / 16QAM

Band13 / 5MHz / Low CH / 64QAM

Band13 / 5MHz / Mid CH / QPSK

Band13 / 5MHz / Mid CH / 16QAM

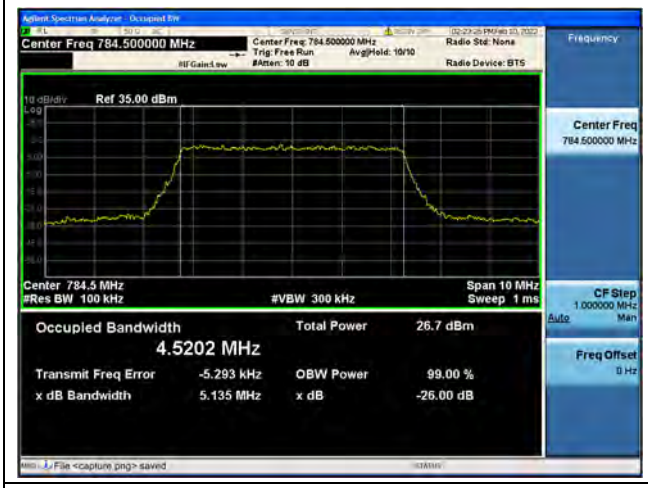
Band13 / 5MHz / Mid CH / 64QAM



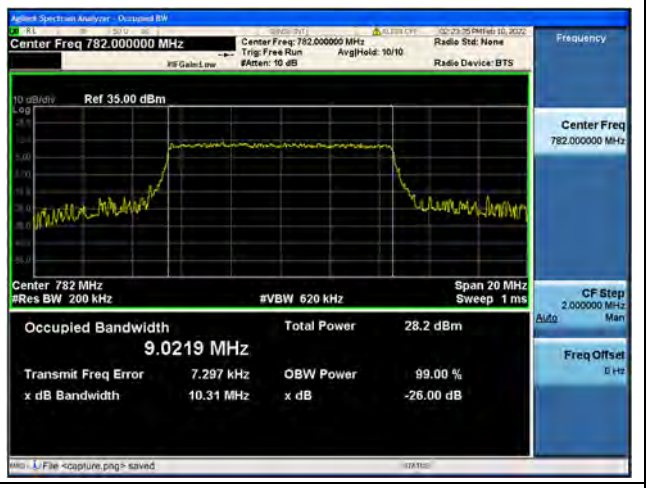
Band13 / 5MHz / High CH / QPSK

Band13 / 5MHz / High CH / 16QAM

Band13 / 5MHz / High CH / 64QAM



Band13 / 10MHz / Low CH / QPSK



Band13 / 10MHz / Low CH / 16QAM

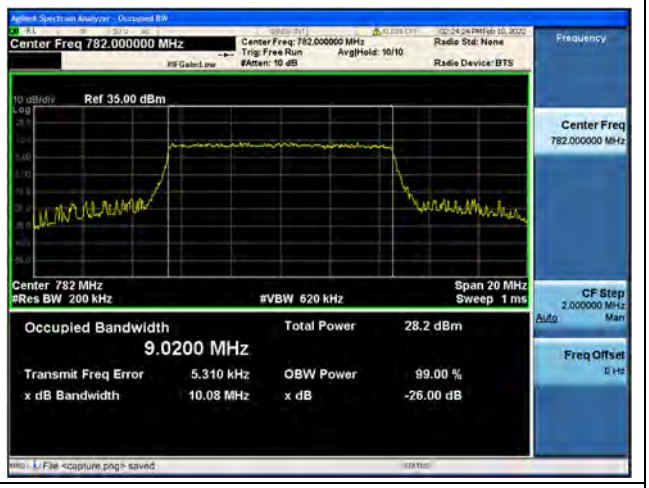
Band13 / 10MHz / Low CH / 64QAM

Band13 / 10MHz / Mid CH / QPSK

Band13 / 10MHz / Mid CH / 16QAM

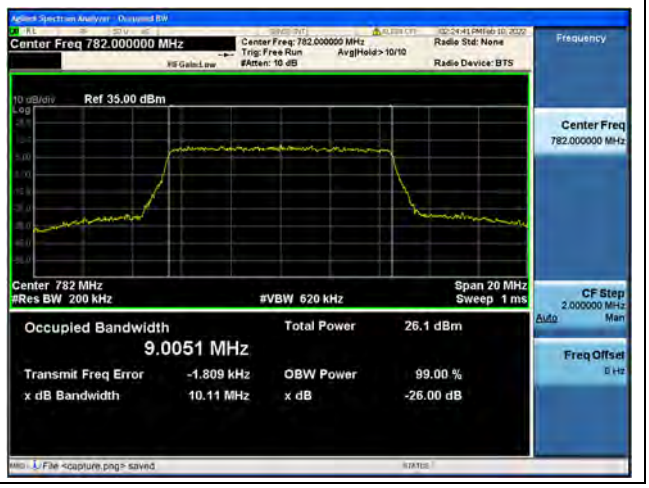
Band13 / 10MHz / Mid CH / 64QAM

Band13 / 10MHz / High CH / QPSK



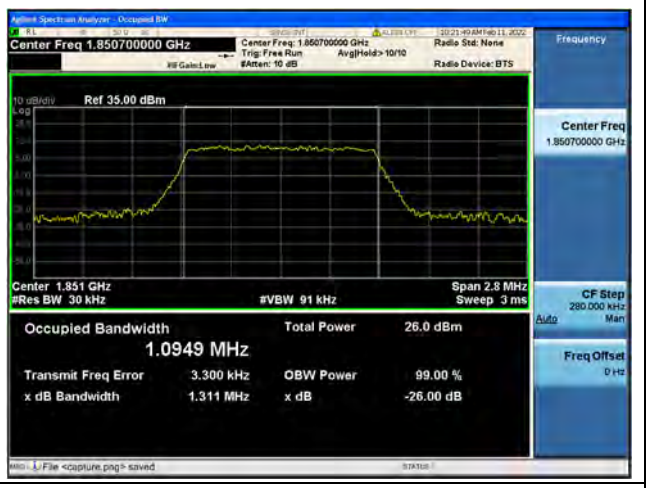
Band13 / 10MHz / High CH / 16QAM

Band13 / 10MHz / High CH / 64QAM



Band25 / 1.4MHz / Low CH / QPSK

Band25 / 1.4MHz / Low CH / 16QAM



Band25 / 1.4MHz / Low CH / 64QAM

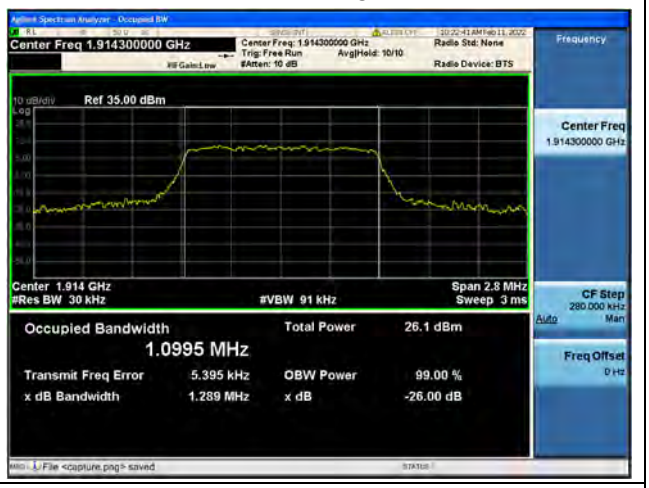
Band25 / 1.4MHz / Mid CH / QPSK

Band25 / 1.4MHz / Mid CH / 16QAM

Band25 / 1.4MHz / Mid CH / 64QAM

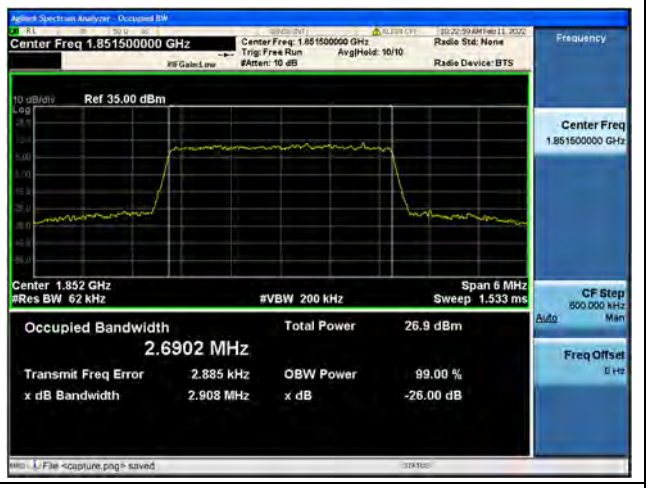
Band25 / 1.4MHz / High CH / QPSK

Band25 / 1.4MHz / High CH / 16QAM



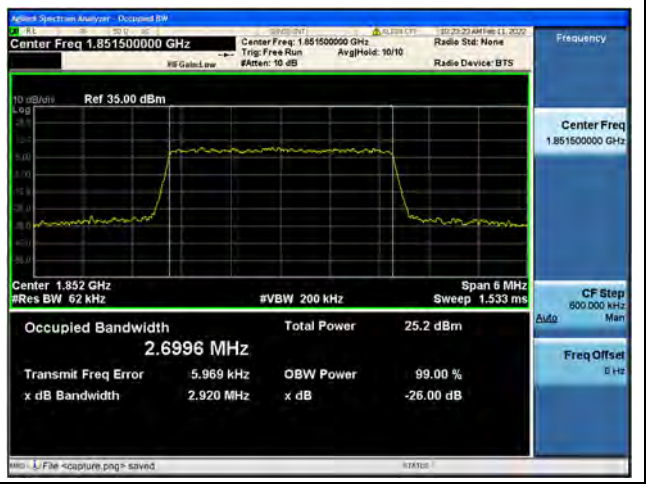
Band25 / 1.4MHz / High CH / 64QAM

Band25 / 3MHz / Low CH / QPSK



Band25 / 3MHz / Low CH / 16QAM

Band25 / 3MHz / Low CH / 64QAM



Band25 / 3MHz / Mid CH / QPSK

Band25 / 3MHz / Mid CH / 16QAM

Band25 / 3MHz / Mid CH / 64QAM

Band25 / 3MHz / High CH / QPSK

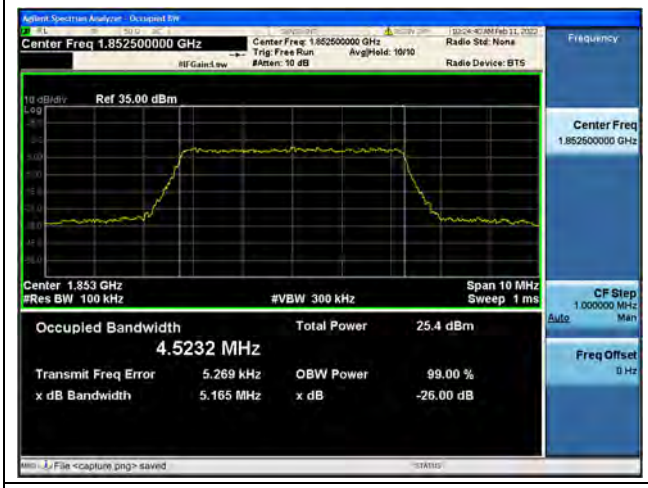
Band25 / 3MHz / High CH / 16QAM

Band25 / 3MHz / High CH / 64QAM

Band25 / 5MHz / Low CH / QPSK

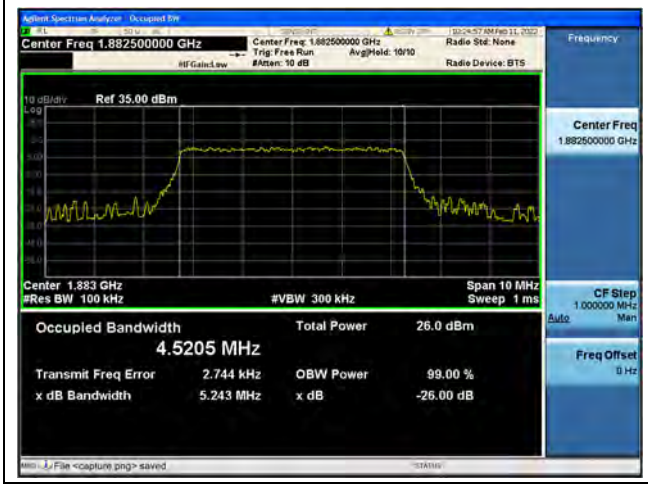
Band25 / 5MHz / Low CH / 16QAM

Band25 / 5MHz / Low CH / 64QAM

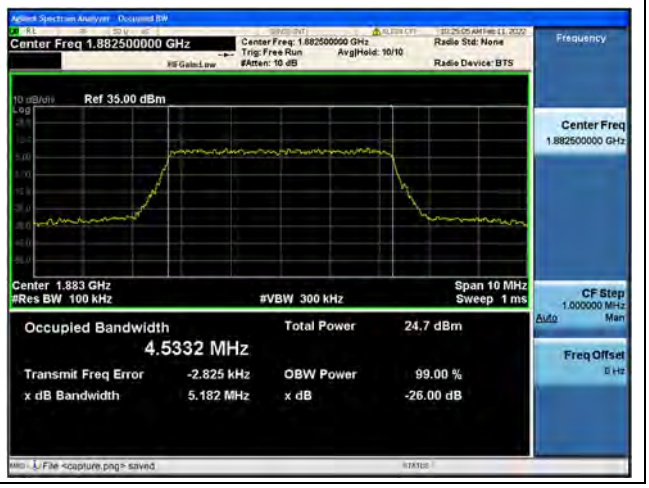


Band25 / 5MHz / Mid CH / QPSK

Band25 / 5MHz / Mid CH / 16QAM



Band25 / 5MHz / Mid CH / 64QAM



Band25 / 5MHz / High CH / QPSK

Band25 / 5MHz / High CH / 16QAM

Band25 / 5MHz / High CH / 64QAM

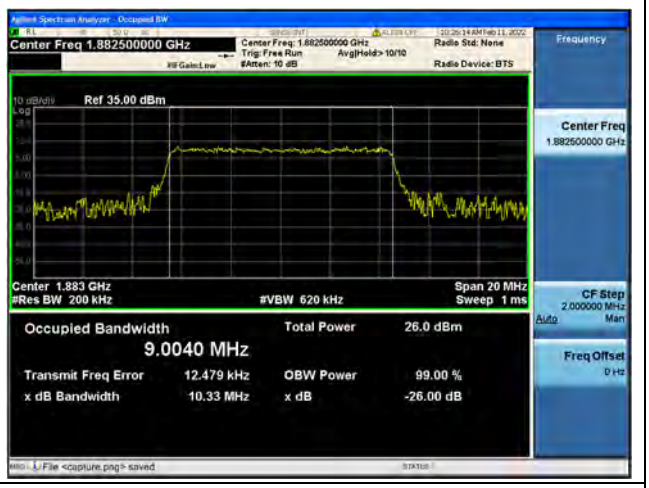
Band25 / 10MHz / Low CH / QPSK

Band25 / 10MHz / Low CH / 16QAM

Band25 / 10MHz / Low CH / 64QAM

Band25 / 10MHz / Mid CH / QPSK

Band25 / 10MHz / Mid CH / 16QAM



Band25 / 10MHz / Mid CH / 64QAM

Band25 / 10MHz / High CH / QPSK

Band25 / 10MHz / High CH / 16QAM

Band25 / 10MHz / High CH / 64QAM

Band25 / 15MHz / Low CH / QPSK

Band25 / 15MHz / Low CH / 16QAM

Band25 / 15MHz / Low CH / 64QAM

Band25 / 15MHz / Mid CH / QPSK

Band25 / 15MHz / Mid CH / 16QAM

Band25 / 15MHz / Mid CH / 64QAM

Band25 / 15MHz / High CH / QPSK

Band25 / 15MHz / High CH / 16QAM

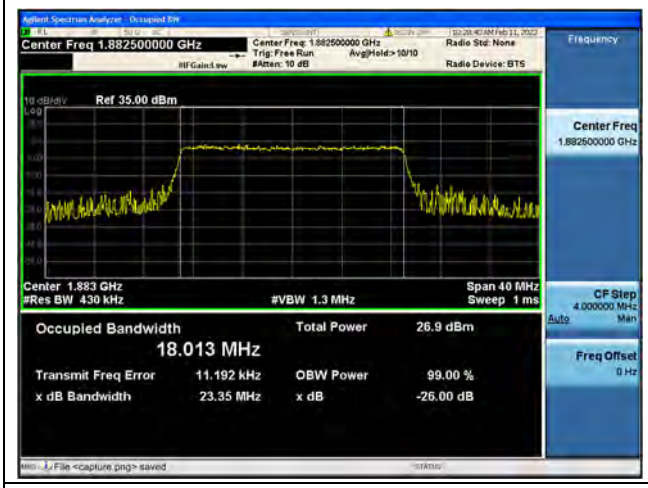
Band25 / 15MHz / High CH / 64QAM

Band25 / 20MHz / Low CH / QPSK

Band25 / 20MHz / Low CH / 16QAM

Band25 / 20MHz / Low CH / 64QAM

Band25 / 20MHz / Mid CH / QPSK



Band25 / 20MHz / Mid CH / 16QAM

Band25 / 20MHz / Mid CH / 64QAM

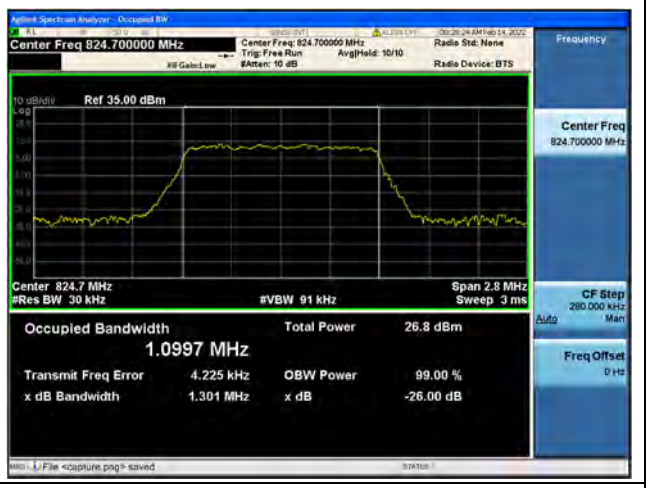
Band25 / 20MHz / High CH / QPSK

Band25 / 20MHz / High CH / 16QAM

Band25 / 20MHz / High CH / 64QAM

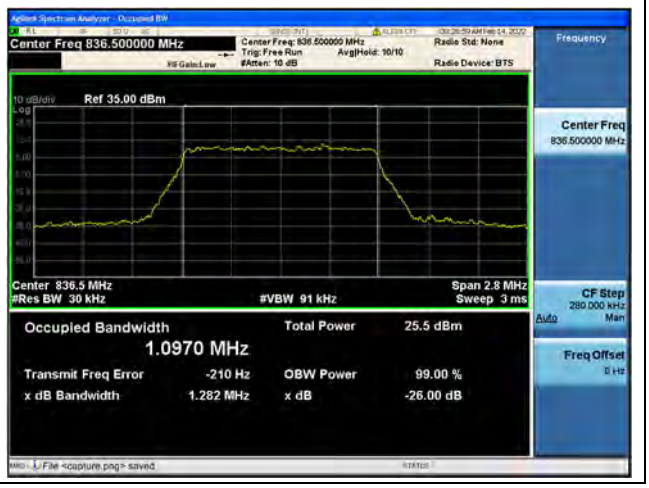
Band26Part22 / 1.4MHz / Low CH / QPSK

Band26Part22 / 1.4MHz / Low CH / 16QAM



Band26Part22 / 1.4MHz / Low CH / 64QAM

Band26Part22 / 1.4MHz / Mid CH / QPSK

Band26Part22 / 1.4MHz / Mid CH / 16QAM

Band26Part22 / 1.4MHz / Mid CH / 64QAM