TEST REPORT

APPLICANT	:	Nubia Technology Co., Ltd.
PRODUCT NAME	:	5G Mobile Phone
MODEL NAME	:	NX709S
BRAND NAME	:	REDMAGIC
FCC ID	:	2AHJO-NX709S
STANDARD(S)	:	47 CFR Part 2 47 CFR Part 22, Subpart H 47 CFR Part 24, Subpart E 47 CFR Part 27, Subpart H&L&M
RECEIPT DATE	:	2022-05-19
TEST DATE	:	2022-05-23 to 2022-06-16
ISSUE DATE	:	2022-07-06

Edited by: Peng Mi (Rapporteur)

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Change History		
Version	Date	Reason for change
1.0	2022-07-06	First edition

1. Technical Information

Note: Provide by applicant.

1.1. Applicant and Manufacturer Information

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

1.2. Equipment Under Test (EUT) Description

Product Name:	5G Mobile Phone	
Sample No.:	6#	
Hardware Version:	NX709J_V1AMB	
Software Version:	NX709S_UNCommon_V3.02	
Modulation Type:	QPSK, 16QAM, 64QAM	
Carrier Aggregation:	Only support downlink	
Operation Band:	Band 2 / 4 / 5 / 7 / 12 / 17 / 18 / 19 / 26 / 38 / 40 / 41 / 66	
Frequency Range:	LTE Band 2	Tx: 1850MHz–1910MHz
		Rx: 1930MHz–1990MHz
	LTE Band 4	Tx: 1710MHz–1755MHz
		Rx: 2110MHz–2155MHz
	LTE Band 5	Tx: 824MHz–849MHz
		Rx: 869MHz–894MHz
	LTE Band 7	Tx: 2500MHz–2570MHz
		Rx: 2620MHz–2690MHz
	LTE Band 12	Tx: 699MHz–716MHz
		Rx: 729MHz–746MHz
	LTE Band 17	Tx: 704MHz–716MHz
		Rx: 734MHz–746MHz

Frequency Range:	LTE Band 18	Tx: 824MHz–830MHz
		Rx: 869MHz–875MHz
	LTE Band 19	Tx: 830MHz–845MHz
		Rx: 875MHz–890MHz
	LTE Band 26	Tx: 824MHz–849MHz
		Rx: 869MHz–894MHz
	LTE Band 38	Tx: 2570MHz–2620MHz
		Rx: 2570MHz–2620MHz
	LTE Band 40 Block A	Tx: 2305MHz–2315MHz
		Rx: 2305MHz–2315MHz
	LTE Band 40 Block B	Tx: 2350MHz–2360MHz
		Rx: 2350MHz–2360MHz
	LTE Band 41	Tx: 2496MHz–2690MHz
		Rx: 2496MHz–2690MHz
	LTE Band 66	Tx: 1710MHz–1780MHz
		Rx: 2110MHz–2200MHz
Channel Bandwidth:	LTE Band 2	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
	LTE Band 4	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
	LTE Band 5	1.4MHz, 3MHz, 5MHz, 10MHz
	LTE Band 7	5 MHz, 10MHz, 15MHz, 20MHz
	LTE Band 12	1.4MHz, 3 MHz, 5 MHz, 10MHz
	LTE Band 17	5 MHz, 10MHz
	LTE Band 18	5 MHz
	LTE Band 19	5 MHz, 10MHz, 15MHz
	LTE Band 26	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz
	LTE Band 38	5 MHz, 10MHz, 15MHz, 20MHz
	LTE Band 40	5 MHz, 10MHz
	LTE Band 41	5 MHz, 10MHz, 15MHz, 20MHz
	LTE Band 66	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz

Antenna Type:	Fixed Internal Antenna	
Antenna Gain:	LTE Band 2	-1.50dBi
	LTE Band 4	-1.50dBi
	LTE Band 5	-3.40dBi
	LTE Band 7	-1.65dBi
	LTE Band 12	-4.70dBi
	LTE Band 17	-4.70dBi
	LTE Band 18	-3.40dBi
	LTE Band 19	-3.60dBi
	LTE Band 26	-3.60dBi
	LTE Band 38	-2.07dBi
	LTE Band 40	-1.00dBi
	LTE Band 41	-1.50dBi
	LTE Band 66	-1.50dBi
Accessory Information:	Battery	
	Brand Name:	nubia
	Model No.:	Li3923T89P8h636590
	Serial No.:	N/A
	Capacity:	2380mAh
	Rated Voltage:	7.78V
	Charge Limit:	8.96V
	Manufacturer:	Dongguan Amperex Technology Limited
	AC Adapter	
	Brand Name:	nubia
	Model No.:	STC-A59152050AC-Z
	Serial No.:	N/A
	Rated Output:	5V⎓3A, 9V⎓3A, 15V⎓3A, 20V⎓3.25A PPS: 5V-11V⎓5A, 5V-20V⎓3.25A
	Rated Input:	100-240V~50/60Hz, 1.5A
	Manufacturer:	ShenZhen KunXing Technology Co., Ltd.
	USB Cable	
	Model No.:	N52111200016D

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

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

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

LTE Band 2	Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20	0.146	0.116	0.115	18M0G7D	18M0W7D	18M0W7D
15	0.144	0.114	0.112	13M5G7D	13M5W7D	13M5W7D
10	0.142	0.112	0.114	9M01G7D	9M03W7D	9M04W7D
5	0.145	0.115	0.112	4M53G7D	4M53W7D	4M52W7D
3	0.145	0.113	0.114	2M72G7D	2M72W7D	2M72W7D
1.4	0.145	0.113	0.114	1M11G7D	1M11W7D	1M11W7D
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	0.145	0.115	0.115	18M0G7D	18M0W7D	18M1W7D
15	0.144	0.114	0.114	13M5G7D	13M5W7D	13M5W7D
10	0.143	0.115	0.112	9M02G7D	9M05W7D	9M03W7D
5	0.142	0.113	0.112	4M53G7D	4M54W7D	4M53W7D
3	0.143	0.115	0.114	2M72G7D	2M72W7D	2M72W7D
1.4	0.144	0.113	0.114	1M11G7D	1M12W7D	1M11W7D
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	0.057	0.052	0.049	9M01G7D	9M01W7D	9M00W7D
5	0.057	0.050	0.049	4M53G7D	4M52W7D	4M53W7D
3	0.056	0.049	0.048	2M71G7D	2M71W7D	2M72W7D
1.4	0.056	0.050	0.047	1M10G7D	1M11W7D	1M10W7D
LTE Band 7	**Maximum E.R.P./E.I.R.P. (W)**			**Emission Designator (99%OBW)**		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20	0.138	0.111	0.110	18M0G7D	18M1W7D	18M0W7D
15	0.134	0.109	0.109	13M5G7D	13M5W7D	13M5W7D
10	0.136	0.108	0.107	9M01G7D	9M04W7D	9M03W7D
5	0.138	0.108	0.109	4M52G7D	4M52W7D	4M52W7D
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	0.042	0.036	0.036	9M01G7D	8M99W7D	9M00W7D
5	0.042	0.035	0.035	4M52G7D	4M53W7D	4M53W7D
3	0.042	0.035	0.035	2M72G7D	2M72W7D	2M72W7D
1.4	0.042	0.035	0.035	1M11G7D	1M11W7D	1M11W7D

LTE Band 17	Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10	0.043	0.036	0.035	9M01G7D	8M99W7D	9M01W7D
5	0.043	0.036	0.034	4M53G7D	4M53W7D	4M52W7D
LTE Band 18	**Maximum E.R.P./E.I.R.P. (W)**			**Emission Designator (99%OBW)**		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
5	0.055	0.044	0.045	4M53G7D	4M52W7D	4M53W7D
LTE Band 19	**Maximum E.R.P./E.I.R.P. (W)**			**Emission Designator (99%OBW)**		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
15	0.054	0.043	0.044	13M5G7D	13M5W7D	13M5W7D
10	0.054	0.042	0.043	9M03G7D	9M02W7D	9M00W7D
5	0.053	0.042	0.044	4M53G7D	4M54W7D	4M52W7D
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	0.056	0.045	0.046	13M5G7D	13M5W7D	13M5W7D
10	0.054	0.044	0.043	9M01G7D	9M00W7D	9M00W7D
5	0.055	0.045	0.043	4M53G7D	4M53W7D	4M53W7D
3	0.055	0.045	0.043	2M72G7D	2M72W7D	2M72W7D
1.4	0.054	0.045	0.043	1M10G7D	1M11W7D	1M11W7D
LTE Band 38	**Maximum E.R.P./E.I.R.P. (W)**			**Emission Designator (99%OBW)**		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20	0.133	0.110	0.108	18M0G7D	18M0W7D	18M1W7D
15	0.132	0.108	0.108	13M5G7D	13M5W7D	13M5W7D
10	0.132	0.109	0.109	9M01G7D	9M03W7D	9M01W7D
5	0.132	0.111	0.108	4M52G7D	4M54W7D	4M52W7D
LTE Band 40 Block A	**Maximum E.R.P./E.I.R.P. (W)**			**Emission Designator (99%OBW)**		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10	0.163	0.132	0.135	9M02G7D	9M01W7D	9M01W7D
5	0.161	0.140	0.134	4M52G7D	4M53W7D	4M54W7D
LTE Band 40 Block B	**Maximum E.R.P./E.I.R.P. (W)**			**Emission Designator (99%OBW)**		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10	0.161	0.136	0.128	9M02G7D	9M01W7D	9M04W7D
5	0.161	0.140	0.137	4M52G7D	4M54W7D	4M54W7D

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	0.145	0.125	0.122	18M0G7D	18M0W7D	18M0W7D
15	0.142	0.125	0.124	13M5G7D	13M5W7D	13M5W7D
10	0.143	0.124	0.120	9M01G7D	9M04W7D	9M02W7D
5	0.143	0.125	0.121	4M52G7D	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	0.150	0.123	0.121	18M0G7D	18M0W7D	18M0W7D
15	0.148	0.121	0.122	13M5G7D	13M5W7D	13M5W7D
10	0.146	0.123	0.124	9M02G7D	9M02W7D	9M02W7D
5	0.148	0.120	0.122	4M54G7D	4M53W7D	4M53W7D
3	0.148	0.121	0.124	2M72G7D	2M71W7D	2M72W7D
1.4	0.149	0.121	0.122	1M10G7D	1M11W7D	1M11W7D

1.4. Test Standards and Results

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

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

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

Section	Description	Test Date	Test Engineer	Result	Method Determination /Remark
2.1046 22.913(a) 22.913(a)(2) 24.232(c) 27.50(a)(3) 27.50(c)(10) 27.50(d)(4) 27.50(h)(2)	Transmitter Conducted Output Power and E.R.P./E.I.R.P.	Jun. 15, 2022	Tan Xiaowei Li Huaijie	PASS	No deviation
2.1049	Occupied Bandwidth	May 31, 2022 Jun. 01, 2022	Li Huaijie	PASS	No deviation
2.1055 22.355 24.235 27.54	Frequency Stability	Jun. 15, 2022	Li Huaijie	PASS	No deviation
24.232(d), 27.50(d)(5)	Peak to Average Radio	Jun. 01, 2022	Li Huaijie	PASS	No deviation
2.1051 22.917(a) 24.238(a) 27.53(a)(4) 27.53(g) 27.53(h) 27.53(m)(4)	Conducted Spurious Emissions	May 31, 2022 Jun. 01&02&15, 2022	Li Huaijie	PASS	No deviation
2.1051	Band Edge	May 31, 2022	Li Huaijie	PASS	No

22.917(a) 24.238(a) 27.53(a)(4) 27.53(g) 27.53(h) 27.53(m)(4)		Jun. 01&02&15, 2022			deviation
2.1053 22.917(a) 24.238(a) 27.53(a)(4) 27.53(g) 27.53(h) 27.53(m)(4)	Radiated Spurious Emissions	Jun. 15&16, 2022	Gao Jianrou	PASS	No deviation

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

1.5. Environmental Conditions

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

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

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

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

2.1.1. Requirement

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

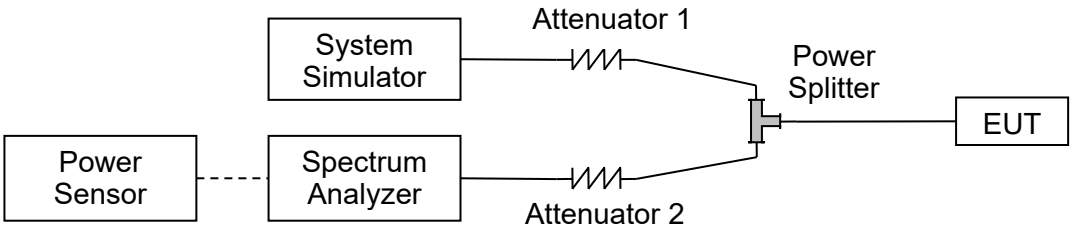
According to FCC section 24.232 (c) for LTE Band 2, Mobile and portable stations are limited to 2 watts E.I.R.P. and the equipment must employ a means for limiting power to the minimum necessary for successful communications.
According to FCC section 27.50 (d)(4) for LTE Band 4/66, Fixed, mobile and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

According to FCC section 27.50 (h)(2) for LTE Band 7/38/41, 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 (c)(10) for LTE Band 12/17, Portable stations (hand-held devices) operating in the 704-716MHz band are limited to 3watts E.R.P.

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

2.1.2. Test Description



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

2.1.3. Test Procedure

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

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

2.1.4. Result

Conducted Output Power:

LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18700	18900	19100
Frequency (MHz)				1860	1880	1900
20	QPSK	1	0	23.04	23.15	23.09
20	QPSK	1	49	22.95	23.07	23.00
20	QPSK	1	99	22.87	22.98	22.89
20	QPSK	50	0	22.10	22.21	22.18
20	QPSK	50	24	22.01	22.09	22.11
20	QPSK	50	50	21.95	22.00	22.05
20	QPSK	100	0	21.98	22.03	22.04
20	16QAM	1	0	22.02	22.11	22.13
20	16QAM	1	49	21.95	22.02	22.05
20	16QAM	1	99	21.88	21.91	21.96
20	16QAM	50	0	21.21	21.35	21.32
20	16QAM	50	24	21.06	21.22	21.20
20	16QAM	50	50	21.09	21.13	21.15
20	16QAM	100	0	21.03	21.09	21.16
20	64QAM	1	0	22.03	22.09	22.10
20	64QAM	1	49	21.90	22.01	22.03
20	64QAM	1	99	22.00	21.95	21.94
20	64QAM	50	0	21.28	21.30	21.40
20	64QAM	50	24	21.23	21.16	21.22
20	64QAM	50	50	21.12	21.20	21.09
20	64QAM	100	0	21.18	21.15	21.16

LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18675	18900	19125
Frequency (MHz)				1857.5	1880	1902.5
15	QPSK	1	0	22.93	23.07	23.03
15	QPSK	1	37	22.89	23.04	22.98
15	QPSK	1	74	22.72	22.87	22.82
15	QPSK	36	0	21.96	22.12	22.11
15	QPSK	36	20	21.94	22.06	22.05
15	QPSK	36	39	21.94	21.96	22.03
15	QPSK	75	0	21.97	21.92	21.95
15	16QAM	1	0	21.92	22.05	21.98
15	16QAM	1	37	21.94	21.96	21.91
15	16QAM	1	74	21.86	21.91	21.95
15	16QAM	36	0	21.17	21.33	21.26
15	16QAM	36	20	20.95	21.16	21.05
15	16QAM	36	39	20.97	21.06	21.06
15	16QAM	75	0	20.97	20.94	21.07
15	64QAM	1	0	22.01	21.95	21.96
15	64QAM	1	37	21.81	21.97	21.91
15	64QAM	1	74	21.92	21.83	21.81
15	64QAM	36	0	21.16	21.21	21.39
15	64QAM	36	20	21.16	21.14	21.09
15	64QAM	36	39	21.09	21.14	21.08
15	64QAM	75	0	21.17	21.13	21.04

LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18650	18900	19150
Frequency (MHz)				1855	1880	1905
10	QPSK	1	0	22.97	23.03	23.02
10	QPSK	1	25	22.82	22.95	22.92
10	QPSK	1	49	22.72	22.91	22.77
10	QPSK	25	0	22.01	22.17	22.11
10	QPSK	25	12	22.01	21.97	22.06
10	QPSK	25	25	21.84	21.86	21.96
10	QPSK	50	0	21.83	22.01	22.01
10	16QAM	1	0	21.94	21.96	21.99
10	16QAM	1	25	21.94	21.87	22.00
10	16QAM	1	49	21.80	21.82	21.87
10	16QAM	25	0	21.13	21.21	21.19
10	16QAM	25	12	20.95	21.15	21.08
10	16QAM	25	25	20.94	21.06	21.04
10	16QAM	50	0	21.00	20.95	21.03
10	64QAM	1	0	21.99	22.05	22.01
10	64QAM	1	25	21.78	21.89	21.93
10	64QAM	1	49	21.93	21.94	21.84
10	64QAM	25	0	21.26	21.16	21.38
10	64QAM	25	12	21.11	21.13	21.15
10	64QAM	25	25	20.98	21.13	20.99
10	64QAM	50	0	21.09	21.13	21.09

LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18625	18900	19175
Frequency (MHz)				1852.5	1880	1907.5
5	QPSK	1	0	22.91	23.12	23.08
5	QPSK	1	12	22.84	22.92	22.91
5	QPSK	1	24	22.83	22.95	22.84
5	QPSK	12	0	22.07	22.15	22.17
5	QPSK	12	7	21.98	22.04	22.01
5	QPSK	12	13	21.93	21.95	22.02
5	QPSK	25	0	21.96	22.01	21.92
5	16QAM	1	0	21.94	22.09	22.07
5	16QAM	1	12	21.92	21.93	21.94
5	16QAM	1	24	21.85	21.89	21.82
5	16QAM	12	0	21.15	21.22	21.24
5	16QAM	12	7	20.98	21.15	21.15
5	16QAM	12	13	21.07	21.02	21.13
5	16QAM	25	0	20.92	20.97	21.12
5	64QAM	1	0	22.00	21.95	21.96
5	64QAM	1	12	21.83	21.89	21.91
5	64QAM	1	24	21.91	21.85	21.83
5	64QAM	12	0	21.22	21.28	21.35
5	64QAM	12	7	21.13	21.11	21.08
5	64QAM	12	13	21.03	21.18	21.01
5	64QAM	25	0	21.11	21.13	21.15

LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18615	18900	19185
Frequency (MHz)				1851.5	1880	1908.5
3	QPSK	1	0	22.97	23.11	22.97
3	QPSK	1	8	22.83	23.03	22.93
3	QPSK	1	14	22.74	22.85	22.83
3	QPSK	8	0	22.09	22.18	22.14
3	QPSK	8	4	21.95	21.97	21.98
3	QPSK	8	7	21.89	21.97	21.91
3	QPSK	15	0	21.97	21.97	21.94
3	16QAM	1	0	21.99	22.04	22.02
3	16QAM	1	8	21.94	21.92	21.90
3	16QAM	1	14	21.80	21.81	21.84
3	16QAM	8	0	21.16	21.30	21.31
3	16QAM	8	4	21.01	21.17	21.09
3	16QAM	8	7	21.07	20.99	21.14
3	16QAM	15	0	20.97	21.02	21.11
3	64QAM	1	0	21.99	22.01	22.05
3	64QAM	1	8	21.81	21.91	21.98
3	64QAM	1	14	21.95	21.83	21.91
3	64QAM	8	0	21.19	21.24	21.26
3	64QAM	8	4	21.15	21.09	21.12
3	64QAM	8	7	21.07	21.07	21.03
3	64QAM	15	0	21.09	21.06	21.11

LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18607	18900	19193
Frequency (MHz)				1850.7	1880	1909.3
1.4	QPSK	1	0	22.92	23.12	23.06
1.4	QPSK	1	3	22.84	22.94	22.99
1.4	QPSK	1	5	22.83	22.92	22.77
1.4	QPSK	3	0	22.04	22.18	22.15
1.4	QPSK	3	1	22.07	22.08	22.04
1.4	QPSK	3	3	22.11	22.05	22.01
1.4	QPSK	6	0	21.96	21.94	21.97
1.4	16QAM	1	0	21.91	21.99	22.03
1.4	16QAM	1	3	21.83	21.88	21.98
1.4	16QAM	1	5	21.74	21.85	21.94
1.4	16QAM	3	0	21.15	21.26	21.26
1.4	16QAM	3	1	21.03	21.19	21.09
1.4	16QAM	3	3	21.00	21.07	21.07
1.4	16QAM	6	0	20.96	21.05	21.07
1.4	64QAM	1	0	21.91	22.05	21.96
1.4	64QAM	1	3	21.89	21.86	22.02
1.4	64QAM	1	5	21.98	21.82	21.92
1.4	64QAM	3	0	21.18	21.24	21.33
1.4	64QAM	3	1	21.10	21.06	21.12
1.4	64QAM	3	3	21.08	21.14	21.11
1.4	64QAM	6	0	21.11	21.14	21.08

LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20050	20175	20300
Frequency (MHz)				1720	1732.5	1745
20	QPSK	1	0	23.01	23.11	22.95
20	QPSK	1	49	22.89	23.04	22.94
20	QPSK	1	99	22.85	22.87	22.8
20	QPSK	50	0	21.99	22.15	22.14
20	QPSK	50	24	22.00	22.01	21.99
20	QPSK	50	50	21.83	21.86	21.92
20	QPSK	100	0	21.87	22.02	21.99
20	16QAM	1	0	21.92	22.05	22.11
20	16QAM	1	49	21.81	21.89	22.02
20	16QAM	1	99	21.77	21.88	21.87
20	16QAM	50	0	21.14	21.24	21.22
20	16QAM	50	24	20.92	21.14	21.08
20	16QAM	50	50	21.05	21.07	21.03
20	16QAM	100	0	21.01	21.03	21.10
20	64QAM	1	0	21.88	22.03	22.09
20	64QAM	1	49	21.76	21.93	21.96
20	64QAM	1	99	21.92	21.82	21.86
20	64QAM	50	0	21.21	21.16	21.30
20	64QAM	50	24	21.16	21.14	21.22
20	64QAM	50	50	21.07	21.09	21.03
20	64QAM	100	0	21.04	21.13	21.06

LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20025	20175	20325
Frequency (MHz)				1717.5	1732.5	1747.5
15	QPSK	1	0	23.03	23.08	23.01
15	QPSK	1	37	22.77	22.91	22.79
15	QPSK	1	74	22.71	22.74	22.76
15	QPSK	36	0	21.87	22.05	22.06
15	QPSK	36	20	21.98	21.95	21.89
15	QPSK	36	39	21.81	21.75	21.87
15	QPSK	75	0	21.82	21.92	21.95
15	16QAM	1	0	21.86	21.99	22.07
15	16QAM	1	37	21.77	21.82	21.90
15	16QAM	1	74	21.68	21.86	21.76
15	16QAM	36	0	21.09	21.21	21.13
15	16QAM	36	20	20.91	21.03	21.01
15	16QAM	36	39	20.99	21.06	21.01
15	16QAM	75	0	20.99	20.97	21.07
15	64QAM	1	0	21.85	21.95	22.06
15	64QAM	1	37	21.81	21.81	21.87
15	64QAM	1	74	21.79	21.75	21.71
15	64QAM	36	0	21.11	21.04	21.28
15	64QAM	36	20	21.06	21.02	21.16
15	64QAM	36	39	20.96	20.96	20.92
15	64QAM	75	0	21.01	21.01	20.95

LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20000	20175	20350
Frequency (MHz)				1715	1732.5	1750
10	QPSK	1	0	22.86	23.05	22.89
10	QPSK	1	25	22.77	23.02	22.88
10	QPSK	1	49	22.78	22.81	22.77
10	QPSK	25	0	21.87	22.03	22.08
10	QPSK	25	12	21.99	22.01	21.86
10	QPSK	25	25	21.73	21.85	21.81
10	QPSK	50	0	21.73	21.99	21.95
10	16QAM	1	0	21.83	22.04	22.09
10	16QAM	1	25	21.75	21.88	21.97
10	16QAM	1	49	21.67	21.84	21.76
10	16QAM	25	0	21.01	21.17	21.1
10	16QAM	25	12	20.81	21.03	21.02
10	16QAM	25	25	21.02	21.05	20.93
10	16QAM	50	0	21.00	20.95	20.96
10	64QAM	1	0	21.79	21.94	21.99
10	64QAM	1	25	21.68	21.80	21.82
10	64QAM	1	49	21.84	21.81	21.73
10	64QAM	25	0	21.07	21.06	21.16
10	64QAM	25	12	21.02	21.02	21.15
10	64QAM	25	25	20.92	20.98	20.97
10	64QAM	50	0	20.95	21.07	21.02

LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				19975	20175	20375
Frequency (MHz)				1712.5	1732.5	1752.5
5	QPSK	1	0	22.94	23.03	22.86
5	QPSK	1	12	22.74	22.92	22.89
5	QPSK	1	24	22.76	22.72	22.67
5	QPSK	12	0	21.85	22.06	21.99
5	QPSK	12	7	21.89	21.97	21.88
5	QPSK	12	13	21.68	21.79	21.87
5	QPSK	25	0	21.82	21.97	21.9
5	16QAM	1	0	21.91	22.04	22.03
5	16QAM	1	12	21.78	21.77	21.93
5	16QAM	1	24	21.64	21.84	21.76
5	16QAM	12	0	21.06	21.18	21.11
5	16QAM	12	7	20.77	21.04	20.96
5	16QAM	12	13	21.02	20.98	21.02
5	16QAM	25	0	20.96	20.92	21.06
5	64QAM	1	0	21.87	21.91	21.98
5	64QAM	1	12	21.72	21.85	21.94
5	64QAM	1	24	21.9	21.75	21.81
5	64QAM	12	0	21.17	21.01	21.19
5	64QAM	12	7	21.06	21.02	21.12
5	64QAM	12	13	20.99	21.08	21.01
5	64QAM	25	0	20.96	20.96	20.95

LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				19965	20175	20385
Frequency (MHz)				1711.5	1732.5	1753.5
3	QPSK	1	0	22.86	23.06	22.87
3	QPSK	1	8	22.84	22.95	22.82
3	QPSK	1	14	22.82	22.79	22.66
3	QPSK	8	0	21.92	22.06	22.07
3	QPSK	8	4	21.90	21.98	21.86
3	QPSK	8	7	21.77	21.76	21.79
3	QPSK	15	0	21.75	21.94	21.84
3	16QAM	1	0	21.77	21.93	22.10
3	16QAM	1	8	21.73	21.85	21.97
3	16QAM	1	14	21.74	21.82	21.75
3	16QAM	8	0	21.06	21.22	21.16
3	16QAM	8	4	20.82	21.00	20.94
3	16QAM	8	7	21.01	20.93	21.02
3	16QAM	15	0	20.95	21.01	21.03
3	64QAM	1	0	21.84	21.96	22.06
3	64QAM	1	8	21.69	21.81	21.84
3	64QAM	1	14	21.89	21.70	21.72
3	64QAM	8	0	21.17	21.02	21.27
3	64QAM	8	4	21.09	21.13	21.17
3	64QAM	8	7	20.92	21.05	21.02
3	64QAM	15	0	20.96	21.02	20.91

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				19957	20175	20393
Frequency (MHz)				1710.7	1732.5	1754.3
1.4	QPSK	1	0	22.87	23.08	22.87
1.4	QPSK	1	3	22.82	23.03	22.93
1.4	QPSK	1	5	22.79	22.83	22.67
1.4	QPSK	3	0	22.11	22.05	22.01
1.4	QPSK	3	1	22.03	22.07	22.08
1.4	QPSK	3	3	22.07	22.05	22.02
1.4	QPSK	6	0	21.77	21.91	21.88
1.4	16QAM	1	0	21.86	21.94	22.03
1.4	16QAM	1	3	21.74	21.85	22.01
1.4	16QAM	1	5	21.71	21.79	21.79
1.4	16QAM	3	0	21.13	21.11	21.13
1.4	16QAM	3	1	21.04	21.01	21.08
1.4	16QAM	3	3	21.09	21.02	21.05
1.4	16QAM	6	0	20.92	20.99	21.07
1.4	64QAM	1	0	21.87	21.92	22.07
1.4	64QAM	1	3	21.73	21.81	21.88
1.4	64QAM	1	5	21.89	21.81	21.72
1.4	64QAM	3	0	21.11	21.06	21.16
1.4	64QAM	3	1	21.11	21.06	21.13
1.4	64QAM	3	3	21.02	21.08	21.04
1.4	64QAM	6	0	20.99	20.99	21.02

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	23.05	23.11	23.06
10	QPSK	1	25	22.91	22.93	22.99
10	QPSK	1	49	22.97	22.93	22.98
10	QPSK	25	0	22.09	22.11	22.08
10	QPSK	25	12	22.08	22.10	22.08
10	QPSK	25	25	22.07	22.10	22.09
10	QPSK	50	0	22.04	22.09	21.94
10	16QAM	1	0	22.69	22.65	22.55
10	16QAM	1	25	22.40	22.54	22.38
10	16QAM	1	49	22.33	22.58	22.25
10	16QAM	25	0	21.14	21.10	21.09
10	16QAM	25	12	21.22	21.10	21.08
10	16QAM	25	25	21.21	21.16	21.06
10	16QAM	50	0	21.13	21.16	20.99
10	64QAM	1	0	22.37	22.21	21.99
10	64QAM	1	25	22.45	22.16	21.99
10	64QAM	1	49	21.99	22.36	22.09
10	64QAM	25	0	21.09	21.21	21.07
10	64QAM	25	12	21.25	21.14	21.06
10	64QAM	25	25	21.20	21.20	21.09
10	64QAM	50	0	21.18	21.13	20.99

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	22.90	23.08	22.95
5	QPSK	1	12	22.82	22.82	22.89
5	QPSK	1	24	22.89	22.90	22.85
5	QPSK	12	0	21.99	22.09	21.97
5	QPSK	12	7	22.07	22.02	22.02
5	QPSK	12	13	22.12	22.04	22.02
5	QPSK	25	0	22.13	22.07	21.86
5	16QAM	1	0	22.45	22.48	22.45
5	16QAM	1	12	22.39	22.42	22.28
5	16QAM	1	24	22.24	22.54	22.17
5	16QAM	12	0	21.03	21.15	21.06
5	16QAM	12	7	21.10	20.95	21.03
5	16QAM	12	13	21.09	21.07	21.01
5	16QAM	25	0	21.02	21.08	20.90
5	64QAM	1	0	22.23	22.30	22.07
5	64QAM	1	12	22.44	22.12	22.02
5	64QAM	1	24	22.05	22.11	22.09
5	64QAM	12	0	21.02	21.13	21.03
5	64QAM	12	7	21.10	21.05	21.01
5	64QAM	12	13	21.12	21.06	20.94
5	64QAM	25	0	20.96	21.04	20.86

LTE Band 5						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20415	20525	20635
Frequency (MHz)				825.5	836.5	847.5
3	QPSK	1	0	22.99	23.03	23.04
3	QPSK	1	8	22.89	22.92	22.97
3	QPSK	1	14	22.84	22.90	22.96
3	QPSK	8	0	22.04	22.10	21.84
3	QPSK	8	4	22.09	22.03	22.04
3	QPSK	8	7	22.08	21.96	22.04
3	QPSK	15	0	22.18	22.03	21.90
3	16QAM	1	0	22.41	22.46	22.48
3	16QAM	1	8	22.34	22.43	22.29
3	16QAM	1	14	22.26	22.47	22.16
3	16QAM	8	0	21.09	20.95	21.05
3	16QAM	8	4	21.08	21.06	20.96
3	16QAM	8	7	21.18	21.15	21.03
3	16QAM	15	0	21.11	21.03	20.95
3	64QAM	1	0	22.31	22.19	22.18
3	64QAM	1	8	22.32	22.04	22.02
3	64QAM	1	14	21.98	22.26	22.04
3	64QAM	8	0	21.03	21.15	21.06
3	64QAM	8	4	21.17	21.08	21.03
3	64QAM	8	7	21.08	21.05	20.96
3	64QAM	15	0	21.05	21.00	20.84

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	22.94	23.01	23.00
1.4	QPSK	1	3	22.85	22.87	22.85
1.4	QPSK	1	5	22.96	22.82	22.93
1.4	QPSK	3	0	22.02	22.12	22.03
1.4	QPSK	3	1	22.15	22.01	22.01
1.4	QPSK	3	3	22.16	22.07	22.05
1.4	QPSK	6	0	22.12	22.00	21.91
1.4	16QAM	1	0	22.56	22.57	22.51
1.4	16QAM	1	3	22.28	22.44	22.27
1.4	16QAM	1	5	22.30	22.46	22.17
1.4	16QAM	3	0	21.12	21.18	21.05
1.4	16QAM	3	1	21.13	21.00	21.04
1.4	16QAM	3	3	21.08	21.07	21.03
1.4	16QAM	6	0	21.08	21.12	20.86
1.4	64QAM	1	0	22.25	22.06	22.05
1.4	64QAM	1	3	22.30	22.02	21.94
1.4	64QAM	1	5	21.97	22.23	22.04
1.4	64QAM	3	0	21.09	21.18	21.04
1.4	64QAM	3	1	21.16	21.00	21.03
1.4	64QAM	3	3	21.17	21.11	21.06
1.4	64QAM	6	0	21.17	21.12	20.97

LTE Band 7						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20850	21100	21350
Frequency (MHz)				2510	2535	2560
20	QPSK	1	0	22.92	23.05	22.98
20	QPSK	1	49	22.77	23.01	22.92
20	QPSK	1	99	22.82	22.85	22.68
20	QPSK	50	0	21.93	22.12	22.11
20	QPSK	50	24	21.97	21.92	21.86
20	QPSK	50	50	21.75	21.82	21.81
20	QPSK	100	0	21.77	21.90	21.97
20	16QAM	1	0	21.79	21.96	22.09
20	16QAM	1	49	21.78	21.87	21.97
20	16QAM	1	99	21.65	21.75	21.74
20	16QAM	50	0	21.08	21.17	21.19
20	16QAM	50	24	20.90	21.11	20.93
20	16QAM	50	50	21.02	20.92	20.90
20	16QAM	100	0	20.96	20.96	21.07
20	64QAM	1	0	21.85	21.91	22.06
20	64QAM	1	49	21.67	21.89	21.94
20	64QAM	1	99	21.78	21.67	21.83
20	64QAM	50	0	21.12	21.12	21.16
20	64QAM	50	24	21.03	21.02	21.15
20	64QAM	50	50	20.97	20.97	20.98
20	64QAM	100	0	20.99	21.03	20.93

LTE Band 7						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20825	21100	21375
Frequency (MHz)				2507.5	2535	2562.5
15	QPSK	1	0	22.80	22.92	22.86
15	QPSK	1	37	22.69	22.91	22.79
15	QPSK	1	74	22.80	22.73	22.62
15	QPSK	36	0	21.80	22.08	21.99
15	QPSK	36	20	21.82	21.85	21.74
15	QPSK	36	39	21.66	21.79	21.73
15	QPSK	75	0	21.75	21.80	21.88
15	16QAM	1	0	21.78	21.86	22.03
15	16QAM	1	37	21.65	21.73	21.92
15	16QAM	1	74	21.59	21.70	21.72
15	16QAM	36	0	21.01	21.16	21.04
15	16QAM	36	20	20.82	21.01	20.90
15	16QAM	36	39	20.94	20.87	20.89
15	16QAM	75	0	20.86	20.92	21.04
15	64QAM	1	0	21.83	21.87	22.03
15	64QAM	1	37	21.54	21.86	21.85
15	64QAM	1	74	21.75	21.63	21.76
15	64QAM	36	0	21.10	21.06	21.07
15	64QAM	36	20	21.02	20.87	21.14
15	64QAM	36	39	20.83	20.89	20.93
15	64QAM	75	0	20.85	20.91	20.92

LTE Band 7						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20800	21100	21400
Frequency (MHz)				2505	2535	2565
10	QPSK	1	0	22.77	22.93	22.87
10	QPSK	1	25	22.75	22.98	22.84
10	QPSK	1	49	22.68	22.72	22.62
10	QPSK	25	0	21.78	22.05	22.03
10	QPSK	25	12	21.86	21.90	21.75
10	QPSK	25	25	21.73	21.79	21.72
10	QPSK	50	0	21.65	21.75	21.89
10	16QAM	1	0	21.78	21.88	22.00
10	16QAM	1	25	21.77	21.83	21.82
10	16QAM	1	49	21.59	21.71	21.65
10	16QAM	25	0	20.98	21.10	21.07
10	16QAM	25	12	20.80	21.02	20.78
10	16QAM	25	25	21.01	20.85	20.80
10	16QAM	50	0	20.91	20.83	20.97
10	64QAM	1	0	21.75	21.85	21.96
10	64QAM	1	25	21.62	21.87	21.93
10	64QAM	1	49	21.73	21.54	21.70
10	64QAM	25	0	21.07	21.07	21.12
10	64QAM	25	12	20.93	20.88	21.09
10	64QAM	25	25	20.95	20.82	20.96
10	64QAM	50	0	20.96	20.90	20.92

LTE Band 7						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20775	21100	21425
Frequency (MHz)				2502.5	2535	2567.5
5	QPSK	1	0	22.84	23.04	22.91
5	QPSK	1	12	22.72	22.94	22.88
5	QPSK	1	24	22.75	22.71	22.61
5	QPSK	12	0	21.85	22.01	22.09
5	QPSK	12	7	21.93	21.91	21.77
5	QPSK	12	13	21.74	21.72	21.79
5	QPSK	25	0	21.75	21.84	21.87
5	16QAM	1	0	21.77	21.86	22.00
5	16QAM	1	12	21.66	21.78	21.87
5	16QAM	1	24	21.57	21.71	21.73
5	16QAM	12	0	20.97	21.09	21.08
5	16QAM	12	7	20.82	20.97	20.89
5	16QAM	12	13	20.96	20.85	20.87
5	16QAM	25	0	20.91	20.83	21.04
5	64QAM	1	0	21.82	21.87	22.03
5	64QAM	1	12	21.56	21.81	21.90
5	64QAM	1	24	21.68	21.54	21.77
5	64QAM	12	0	21.00	21.05	21.12
5	64QAM	12	7	20.91	20.88	21.14
5	64QAM	12	13	20.90	20.86	20.92
5	64QAM	25	0	20.96	20.88	20.78

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	23.09	23.13	23.07
10	QPSK	1	25	23.09	23.05	23.06
10	QPSK	1	49	23.05	23.08	23.09
10	QPSK	25	0	22.12	22.18	22.14
10	QPSK	25	12	22.16	22.08	22.16
10	QPSK	25	25	22.09	22.07	22.13
10	QPSK	50	0	22.05	22.04	22.11
10	16QAM	1	0	22.47	22.46	22.37
10	16QAM	1	25	22.03	22.20	22.38
10	16QAM	1	49	22.20	22.27	22.33
10	16QAM	25	0	21.02	21.17	21.01
10	16QAM	25	12	21.13	21.12	21.15
10	16QAM	25	25	21.12	21.23	21.08
10	16QAM	50	0	21.14	21.12	21.16
10	64QAM	1	0	22.02	22.12	22.18
10	64QAM	1	25	22.01	22.18	22.37
10	64QAM	1	49	22.32	22.35	22.14
10	64QAM	25	0	20.93	21.13	21.11
10	64QAM	25	12	21.23	21.08	21.19
10	64QAM	25	25	21.03	21.16	21.20
10	64QAM	50	0	21.16	21.11	20.83

LTE Band 12						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23035	23095	23155
Frequency (MHz)				701.5	707.5	713.5
5	QPSK	1	0	22.97	23.02	22.92
5	QPSK	1	12	23.00	22.95	22.97
5	QPSK	1	24	22.98	22.93	23.07
5	QPSK	12	0	22.04	21.91	21.97
5	QPSK	12	7	22.12	21.93	22.04
5	QPSK	12	13	22.04	22.02	22.11
5	QPSK	25	0	21.97	22.02	22.12
5	16QAM	1	0	22.35	22.33	22.25
5	16QAM	1	12	21.95	22.15	22.25
5	16QAM	1	24	22.05	22.12	22.22
5	16QAM	12	0	20.91	21.16	20.99
5	16QAM	12	7	21.07	21.09	21.05
5	16QAM	12	13	21.11	21.14	20.97
5	16QAM	25	0	21.01	20.97	21.13
5	64QAM	1	0	21.94	21.98	22.15
5	64QAM	1	12	21.99	22.04	22.30
5	64QAM	1	24	22.25	22.32	22.08
5	64QAM	12	0	20.89	20.99	21.06
5	64QAM	12	7	21.13	21.07	21.13
5	64QAM	12	13	20.98	21.08	21.14
5	64QAM	25	0	21.05	21.01	20.68

LTE Band 12						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23025	23095	23165
Frequency (MHz)				700.5	707.5	714.5
3	QPSK	1	0	22.98	23.01	22.97
3	QPSK	1	8	23.08	23.04	22.96
3	QPSK	1	14	23.02	23.01	22.96
3	QPSK	8	0	21.99	21.99	21.97
3	QPSK	8	4	22.01	22.03	22.08
3	QPSK	8	7	21.95	22.05	22.12
3	QPSK	15	0	21.94	22.03	22.08
3	16QAM	1	0	22.25	22.30	22.27
3	16QAM	1	8	21.93	22.05	22.28
3	16QAM	1	14	22.12	22.24	22.29
3	16QAM	8	0	20.99	21.05	20.88
3	16QAM	8	4	21.11	21.06	21.12
3	16QAM	8	7	21.03	21.15	21.07
3	16QAM	15	0	21.07	21.05	21.06
3	64QAM	1	0	21.95	22.10	22.08
3	64QAM	1	8	21.92	22.12	22.25
3	64QAM	1	14	22.26	22.22	22.05
3	64QAM	8	0	20.91	21.04	20.98
3	64QAM	8	4	21.21	21.00	21.06
3	64QAM	8	7	20.96	21.12	21.06
3	64QAM	15	0	21.01	21.07	20.69

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	23.03	23.07	23.00
1.4	QPSK	1	3	22.97	22.95	22.99
1.4	QPSK	1	5	23.00	23.06	23.04
1.4	QPSK	3	0	22.06	22.05	22.01
1.4	QPSK	3	1	22.02	22.04	22.09
1.4	QPSK	3	3	22.04	22.05	22.02
1.4	QPSK	6	0	21.99	22.02	22.16
1.4	16QAM	1	0	22.25	22.31	22.30
1.4	16QAM	1	3	22.00	22.15	22.24
1.4	16QAM	1	5	22.06	22.20	22.19
1.4	16QAM	3	0	21.02	21.11	21.05
1.4	16QAM	3	1	21.07	21.06	21.08
1.4	16QAM	3	3	21.07	21.17	21.05
1.4	16QAM	6	0	21.03	20.98	21.11
1.4	64QAM	1	0	22.01	22.07	22.07
1.4	64QAM	1	3	21.87	22.10	22.29
1.4	64QAM	1	5	22.22	22.21	22.00
1.4	64QAM	3	0	20.87	21.07	21.07
1.4	64QAM	3	1	21.16	21.02	21.15
1.4	64QAM	3	3	20.92	21.14	21.19
1.4	64QAM	6	0	21.05	21.02	20.78

LTE Band 17						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23780	23790	23800
Frequency (MHz)				709	710	711
10	QPSK	1	0	23.13	23.22	23.10
10	QPSK	1	25	23.05	23.07	23.05
10	QPSK	1	49	22.97	22.92	23.08
10	QPSK	25	0	22.03	22.09	22.05
10	QPSK	25	12	22.02	22.08	22.05
10	QPSK	25	25	22.09	22.06	22.01
10	QPSK	50	0	22.02	22.08	22.03
10	16QAM	1	0	22.22	22.44	22.37
10	16QAM	1	25	22.35	22.41	22.23
10	16QAM	1	49	22.38	22.24	22.19
10	16QAM	25	0	21.15	21.17	21.11
10	16QAM	25	12	21.25	21.18	21.22
10	16QAM	25	25	21.16	21.13	21.23
10	16QAM	50	0	21.12	21.08	21.01
10	64QAM	1	0	22.28	22.15	22.16
10	64QAM	1	25	22.22	22.26	22.02
10	64QAM	1	49	22.03	22.14	22.19
10	64QAM	25	0	21.11	21.09	21.13
10	64QAM	25	12	21.28	21.21	21.18
10	64QAM	25	25	21.08	21.10	21.13
10	64QAM	50	0	21.14	21.08	21.06

LTE Band 17						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23755	23790	23825
Frequency (MHz)				706.5	710	713.5
5	QPSK	1	0	23.10	23.15	23.08
5	QPSK	1	12	22.93	23.05	22.90
5	QPSK	1	24	22.87	22.88	23.00
5	QPSK	12	0	22.03	22.05	22.05
5	QPSK	12	7	22.12	22.00	22.21
5	QPSK	12	13	22.01	22.09	22.08
5	QPSK	25	0	21.89	22.06	21.99
5	16QAM	1	0	22.08	22.40	22.27
5	16QAM	1	12	22.30	22.38	22.16
5	16QAM	1	24	22.23	22.13	22.17
5	16QAM	12	0	21.02	21.14	21.10
5	16QAM	12	7	21.21	21.06	21.08
5	16QAM	12	13	21.10	21.08	21.08
5	16QAM	25	0	21.05	20.93	20.91
5	64QAM	1	0	22.17	22.06	22.03
5	64QAM	1	12	22.19	22.22	22.00
5	64QAM	1	24	21.89	22.12	22.09
5	64QAM	12	0	21.04	20.97	21.00
5	64QAM	12	7	21.16	21.19	21.16
5	64QAM	12	13	20.95	20.95	21.04
5	64QAM	25	0	21.05	21.00	21.00

LTE Band 18						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23965	23970	23975
Frequency (MHz)				826.5	827	827.5
5	QPSK	1	0	22.89	22.81	22.93
5	QPSK	1	12	22.96	22.93	22.98
5	QPSK	1	24	22.76	22.74	22.80
5	QPSK	12	0	21.96	21.94	22.01
5	QPSK	12	7	21.80	21.84	21.92
5	QPSK	12	13	21.85	21.81	21.90
5	QPSK	25	0	21.79	21.77	21.88
5	16QAM	1	0	21.87	21.85	21.93
5	16QAM	1	12	21.76	21.82	21.83
5	16QAM	1	24	22.00	22.01	22.02
5	16QAM	12	0	20.90	20.85	20.94
5	16QAM	12	7	20.92	20.94	20.96
5	16QAM	12	13	20.78	20.81	20.82
5	16QAM	25	0	20.89	20.91	21.01
5	64QAM	1	0	21.99	22.00	22.08
5	64QAM	1	12	21.99	21.95	22.03
5	64QAM	1	24	21.86	21.76	21.87
5	64QAM	12	0	20.92	20.89	20.98
5	64QAM	12	7	20.87	20.86	20.94
5	64QAM	12	13	20.90	20.91	21.02
5	64QAM	25	0	20.87	20.94	20.95

LTE Band 19						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				/	24075	/
Frequency (MHz)				/	837.5	/
15	QPSK	1	0	/	23.08	/
15	QPSK	1	37	/	23.05	/
15	QPSK	1	74	/	22.95	/
15	QPSK	36	0	/	22.14	/
15	QPSK	36	20	/	22.08	/
15	QPSK	36	39	/	22.09	/
15	QPSK	75	0	/	22.02	/
15	16QAM	1	0	/	22.06	/
15	16QAM	1	37	/	21.99	/
15	16QAM	1	74	/	22.04	/
15	16QAM	36	0	/	21.09	/
15	16QAM	36	20	/	21.16	/
15	16QAM	36	39	/	21.02	/
15	16QAM	75	0	/	21.18	/
15	64QAM	1	0	/	22.13	/
15	64QAM	1	37	/	22.18	/
15	64QAM	1	74	/	22.16	/
15	64QAM	36	0	/	21.07	/
15	64QAM	36	20	/	21.09	/
15	64QAM	36	39	/	21.11	/
15	64QAM	75	0	/	21.01	/

LTE Band 19						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				24050	24075	24100
Frequency (MHz)				835	837.5	840
10	QPSK	1	0	23.01	23.04	22.87
10	QPSK	1	25	22.75	22.99	23.00
10	QPSK	1	49	22.79	22.83	22.78
10	QPSK	25	0	21.96	22.03	21.89
10	QPSK	25	12	21.86	21.97	21.82
10	QPSK	25	25	21.80	22.01	21.91
10	QPSK	50	0	21.78	21.96	21.87
10	16QAM	1	0	21.87	21.97	21.81
10	16QAM	1	25	21.76	21.94	21.69
10	16QAM	1	49	21.85	22.02	21.83
10	16QAM	25	0	20.93	21.06	20.93
10	16QAM	25	12	20.83	21.07	20.85
10	16QAM	25	25	20.90	20.95	20.82
10	16QAM	50	0	20.97	21.14	20.90
10	64QAM	1	0	21.79	21.99	21.95
10	64QAM	1	25	21.96	22.12	21.98
10	64QAM	1	49	21.88	22.09	21.88
10	64QAM	25	0	20.90	21.04	20.99
10	64QAM	25	12	20.82	20.96	20.91
10	64QAM	25	25	20.81	20.97	20.96
10	64QAM	50	0	20.95	20.99	20.86

LTE Band 19						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				24025	24075	24125
Frequency (MHz)				832.5	837.5	842.5
5	QPSK	1	0	22.96	23.03	22.95
5	QPSK	1	12	22.72	22.99	22.87
5	QPSK	1	24	22.79	22.87	22.84
5	QPSK	12	0	21.93	22.02	21.92
5	QPSK	12	7	21.81	22.07	21.89
5	QPSK	12	13	21.80	21.99	21.93
5	QPSK	25	0	21.74	21.95	21.87
5	16QAM	1	0	21.73	22.02	21.85
5	16QAM	1	12	21.75	21.98	21.81
5	16QAM	1	24	21.84	22.00	21.95
5	16QAM	12	0	20.93	21.06	20.97
5	16QAM	12	7	20.87	21.03	20.75
5	16QAM	12	13	20.94	21.00	20.71
5	16QAM	25	0	20.92	21.16	20.90
5	64QAM	1	0	21.78	21.99	22.00
5	64QAM	1	12	21.85	22.14	22.05
5	64QAM	1	24	21.81	22.02	21.85
5	64QAM	12	0	20.91	21.01	20.95
5	64QAM	12	7	20.91	21.02	20.87
5	64QAM	12	13	20.86	21.03	20.93
5	64QAM	25	0	20.84	20.99	20.81

LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26865	26915	26965
Frequency (MHz)				831.5	836.5	841.5
15	QPSK	1	0	23.23	23.19	23.20
15	QPSK	1	37	22.92	22.80	23.13
15	QPSK	1	74	23.10	23.07	23.07
15	QPSK	36	0	22.15	22.14	22.14
15	QPSK	36	20	22.07	21.97	22.08
15	QPSK	36	39	22.12	22.11	22.09
15	QPSK	75	0	22.11	22.06	22.02
15	16QAM	1	0	22.13	22.04	22.32
15	16QAM	1	37	22.31	22.20	21.96
15	16QAM	1	74	22.21	22.13	22.07
15	16QAM	36	0	21.23	21.21	21.13
15	16QAM	36	20	21.22	21.18	21.18
15	16QAM	36	39	21.08	20.96	21.30
15	16QAM	75	0	21.19	21.13	21.22
15	64QAM	1	0	22.34	22.27	22.09
15	64QAM	1	37	22.27	22.15	21.97
15	64QAM	1	74	22.25	22.19	22.11
15	64QAM	36	0	21.14	21.02	21.06
15	64QAM	36	20	21.20	21.15	21.27
15	64QAM	36	39	21.18	21.14	21.14
15	64QAM	75	0	21.31	21.29	21.15

LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26840	26915	26990
Frequency (MHz)				829.0	836.5	844.0
10	QPSK	1	0	23.02	23.06	23.11
10	QPSK	1	25	22.96	23.00	23.04
10	QPSK	1	49	22.87	22.85	22.97
10	QPSK	25	0	22.02	22.08	22.11
10	QPSK	25	12	21.95	22.02	22.04
10	QPSK	25	25	22.13	22.06	22.18
10	QPSK	50	0	22.09	22.05	22.17
10	16QAM	1	0	22.11	22.11	22.18
10	16QAM	1	25	21.82	21.85	21.88
10	16QAM	1	49	21.89	21.88	21.97
10	16QAM	25	0	20.98	21.03	21.10
10	16QAM	25	12	21.06	21.04	21.15
10	16QAM	25	25	21.13	21.17	21.19
10	16QAM	50	0	21.03	21.02	21.11
10	64QAM	1	0	21.87	21.85	21.97
10	64QAM	1	25	21.87	21.89	21.96
10	64QAM	1	49	21.95	22.00	22.06
10	64QAM	25	0	20.87	20.89	20.96
10	64QAM	25	12	21.19	21.13	21.21
10	64QAM	25	25	21.05	21.04	21.12
10	64QAM	50	0	20.99	20.94	21.06

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	23.08	23.13	23.17
5	QPSK	1	12	22.99	22.96	23.01
5	QPSK	1	24	22.86	22.91	22.97
5	QPSK	12	0	21.88	21.96	22.00
5	QPSK	12	7	21.94	21.99	22.05
5	QPSK	12	13	22.04	22.02	22.12
5	QPSK	25	0	22.15	22.10	22.20
5	16QAM	1	0	22.16	22.18	22.28
5	16QAM	1	12	21.78	21.82	21.90
5	16QAM	1	24	21.84	21.88	21.96
5	16QAM	12	0	20.98	20.94	21.05
5	16QAM	12	7	21.08	21.06	21.09
5	16QAM	12	13	21.28	21.25	21.29
5	16QAM	25	0	21.06	21.13	21.14
5	64QAM	1	0	21.96	21.95	22.05
5	64QAM	1	12	21.92	21.85	21.94
5	64QAM	1	24	21.95	21.95	21.98
5	64QAM	12	0	20.94	20.97	21.00
5	64QAM	12	7	21.09	21.10	21.20
5	64QAM	12	13	20.97	20.97	21.05
5	64QAM	25	0	20.94	21.01	21.06

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	23.04	23.11	23.12
3	QPSK	1	8	22.91	22.93	23.01
3	QPSK	1	14	22.90	22.82	22.94
3	QPSK	8	0	21.90	21.90	22.01
3	QPSK	8	4	21.88	21.88	21.98
3	QPSK	8	7	22.08	22.07	22.18
3	QPSK	15	0	22.00	22.05	22.11
3	16QAM	1	0	22.20	22.22	22.26
3	16QAM	1	8	21.82	21.89	21.94
3	16QAM	1	14	21.90	21.84	21.96
3	16QAM	8	0	20.93	20.93	21.02
3	16QAM	8	4	20.99	20.98	21.10
3	16QAM	8	7	21.16	21.17	21.20
3	16QAM	15	0	21.10	21.08	21.12
3	64QAM	1	0	21.99	21.96	22.08
3	64QAM	1	8	21.81	21.82	21.92
3	64QAM	1	14	21.94	22.04	22.06
3	64QAM	8	0	20.98	20.95	21.02
3	64QAM	8	4	21.15	21.18	21.26
3	64QAM	8	7	20.94	20.90	21.02
3	64QAM	15	0	20.89	20.98	21.00

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	23.05	23.00	23.08
1.4	QPSK	1	3	22.96	22.99	23.02
1.4	QPSK	1	5	22.88	22.83	22.94
1.4	QPSK	3	0	21.96	21.99	22.07
1.4	QPSK	3	1	21.87	21.92	21.98
1.4	QPSK	3	3	22.14	22.04	22.15
1.4	QPSK	6	0	22.06	22.09	22.18
1.4	16QAM	1	0	22.26	22.23	22.29
1.4	16QAM	1	3	21.88	21.83	21.92
1.4	16QAM	1	5	21.99	21.92	22.02
1.4	16QAM	3	0	20.97	20.96	21.04
1.4	16QAM	3	1	21.08	21.15	21.17
1.4	16QAM	3	3	21.14	21.18	21.24
1.4	16QAM	6	0	21.06	21.03	21.08
1.4	64QAM	1	0	21.96	22.05	22.06
1.4	64QAM	1	3	21.86	21.89	21.94
1.4	64QAM	1	5	21.98	22.00	22.09
1.4	64QAM	3	0	20.89	20.84	20.91
1.4	64QAM	3	1	21.14	21.08	21.17
1.4	64QAM	3	3	21.05	21.06	21.13
1.4	64QAM	6	0	21.01	21.05	21.11

LTE Band 38						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				37850	38000	38150
Frequency (MHz)				2580	2595	2610
20	QPSK	1	0	23.17	23.32	23.27
20	QPSK	1	49	23.20	23.11	23.25
20	QPSK	1	99	23.11	23.17	23.15
20	QPSK	50	0	22.15	22.20	22.13
20	QPSK	50	24	22.17	22.16	22.08
20	QPSK	50	50	22.13	22.13	22.09
20	QPSK	100	0	22.06	22.12	22.17
20	16QAM	1	0	22.37	22.28	22.40
20	16QAM	1	49	22.38	22.50	22.10
20	16QAM	1	99	22.34	22.27	22.13
20	16QAM	50	0	21.20	21.28	21.25
20	16QAM	50	24	21.36	21.41	21.25
20	16QAM	50	50	21.30	21.13	21.42
20	16QAM	100	0	21.13	21.33	21.38
20	64QAM	1	0	22.25	22.14	22.24
20	64QAM	1	49	22.25	22.39	22.02
20	64QAM	1	99	22.24	22.37	22.18
20	64QAM	50	0	21.28	21.32	21.23
20	64QAM	50	24	21.18	21.35	21.39
20	64QAM	50	50	21.37	21.30	21.19
20	64QAM	100	0	21.17	21.50	21.34

LTE Band 38						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				37825	38000	38175
Frequency (MHz)				2577.5	2595	2612.5
15	QPSK	1	0	23.16	23.29	23.23
15	QPSK	1	37	23.22	22.91	23.22
15	QPSK	1	74	23.11	23.15	23.24
15	QPSK	36	0	22.25	22.19	22.31
15	QPSK	36	20	22.29	22.23	22.13
15	QPSK	36	39	22.21	22.36	22.27
15	QPSK	75	0	22.21	22.13	22.20
15	16QAM	1	0	22.33	22.26	22.35
15	16QAM	1	37	22.32	22.40	22.10
15	16QAM	1	74	22.35	22.18	22.13
15	16QAM	36	0	21.22	21.26	21.22
15	16QAM	36	20	21.29	21.37	21.17
15	16QAM	36	39	21.25	21.05	21.41
15	16QAM	75	0	21.11	21.26	21.33
15	64QAM	1	0	22.35	22.42	22.16
15	64QAM	1	37	22.20	22.35	22.00
15	64QAM	1	74	22.26	22.40	22.13
15	64QAM	36	0	21.18	21.30	21.17
15	64QAM	36	20	21.19	21.38	21.41
15	64QAM	36	39	21.38	21.30	21.15
15	64QAM	75	0	21.20	21.41	21.38

LTE Band 38						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				37800	38000	38200
Frequency (MHz)				2575	2595	2615
10	QPSK	1	0	23.07	23.20	23.21
10	QPSK	1	25	23.12	22.93	23.16
10	QPSK	1	49	23.12	23.20	23.28
10	QPSK	25	0	22.15	22.13	22.24
10	QPSK	25	12	22.19	22.16	22.17
10	QPSK	25	25	22.31	22.40	22.23
10	QPSK	50	0	22.28	22.16	22.17
10	16QAM	1	0	22.40	22.32	22.42
10	16QAM	1	25	22.33	22.43	22.01
10	16QAM	1	49	22.31	22.22	22.04
10	16QAM	25	0	21.21	21.30	21.18
10	16QAM	25	12	21.36	21.37	21.18
10	16QAM	25	25	21.23	21.12	21.39
10	16QAM	50	0	21.06	21.31	21.30
10	64QAM	1	0	22.37	22.45	22.27
10	64QAM	1	25	22.16	22.32	22.02
10	64QAM	1	49	22.17	22.30	22.10
10	64QAM	25	0	21.32	21.34	21.14
10	64QAM	25	12	21.15	21.30	21.36
10	64QAM	25	25	21.40	21.33	21.10
10	64QAM	50	0	21.13	21.49	21.35

LTE Band 38						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				37775	38000	38225
Frequency (MHz)				2572.5	2595	2617.5
5	QPSK	1	0	23.16	23.24	23.23
5	QPSK	1	12	23.10	23.03	23.26
5	QPSK	1	24	23.13	23.09	23.18
5	QPSK	12	0	22.25	22.24	22.37
5	QPSK	12	7	22.20	22.28	22.22
5	QPSK	12	13	22.30	22.36	22.24
5	QPSK	25	0	22.28	22.25	22.22
5	16QAM	1	0	22.33	22.29	22.33
5	16QAM	1	12	22.30	22.54	22.09
5	16QAM	1	24	22.27	22.23	22.15
5	16QAM	12	0	21.15	21.19	21.26
5	16QAM	12	7	21.30	21.31	21.21
5	16QAM	12	13	21.33	21.03	21.34
5	16QAM	25	0	21.16	21.37	21.32
5	64QAM	1	0	22.25	22.42	22.28
5	64QAM	1	12	22.20	22.37	22.06
5	64QAM	1	24	22.28	22.34	22.17
5	64QAM	12	0	21.26	21.35	21.18
5	64QAM	12	7	21.09	21.31	21.33
5	64QAM	12	13	21.37	21.33	21.13
5	64QAM	25	0	21.20	21.41	21.24

LTE Band 40, Block A						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				/	38750	/
Frequency (MHz)				/	2310	/
10	QPSK	1	0	/	23.11	/
10	QPSK	1	25	/	22.92	/
10	QPSK	1	49	/	22.98	/
10	QPSK	25	0	/	22.14	/
10	QPSK	25	12	/	22.12	/
10	QPSK	25	25	/	22.09	/
10	QPSK	50	0	/	22.06	/
10	16QAM	1	0	/	22.15	/
10	16QAM	1	25	/	22.13	/
10	16QAM	1	49	/	22.19	/
10	16QAM	25	0	/	21.17	/
10	16QAM	25	12	/	21.25	/
10	16QAM	25	25	/	21.23	/
10	16QAM	50	0	/	21.09	/
10	64QAM	1	0	/	22.27	/
10	64QAM	1	25	/	22.29	/
10	64QAM	1	49	/	21.99	/
10	64QAM	25	0	/	21.03	/
10	64QAM	25	12	/	21.29	/
10	64QAM	25	25	/	21.12	/
10	64QAM	50	0	/	21.22	/

LTE Band 40, Block A						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				38725	38750	38775
Frequency (MHz)				2307.5	2310	2312.5
5	QPSK	1	0	23.05	23.08	23.03
5	QPSK	1	12	22.97	22.93	23.00
5	QPSK	1	24	22.91	22.97	22.89
5	QPSK	12	0	22.03	22.02	22.00
5	QPSK	12	7	22.22	22.13	22.05
5	QPSK	12	13	22.19	22.12	22.10
5	QPSK	25	0	22.28	22.18	21.86
5	16QAM	1	0	22.46	22.42	22.44
5	16QAM	1	12	22.23	22.46	22.23
5	16QAM	1	24	22.34	22.37	22.09
5	16QAM	12	0	21.13	21.12	21.00
5	16QAM	12	7	21.20	21.01	20.99
5	16QAM	12	13	21.19	21.20	20.97
5	16QAM	25	0	21.05	21.12	20.92
5	64QAM	1	0	22.20	22.12	22.00
5	64QAM	1	12	22.26	22.15	21.94
5	64QAM	1	24	21.95	22.21	22.13
5	64QAM	12	0	21.10	21.20	20.98
5	64QAM	12	7	21.25	21.05	21.10
5	64QAM	12	13	21.12	21.14	21.13
5	64QAM	25	0	21.11	21.16	20.97

LTE Band 40, Block B						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				/	39200	/
Frequency (MHz)				/	2355	/
10	QPSK	1	0	/	23.08	/
10	QPSK	1	25	/	23.01	/
10	QPSK	1	49	/	22.92	/
10	QPSK	25	0	/	21.88	/
10	QPSK	25	12	/	21.83	/
10	QPSK	25	25	/	21.80	/
10	QPSK	50	0	/	21.86	/
10	16QAM	1	0	/	22.35	/
10	16QAM	1	25	/	22.28	/
10	16QAM	1	49	/	22.10	/
10	16QAM	25	0	/	21.06	/
10	16QAM	25	12	/	21.07	/
10	16QAM	25	25	/	20.98	/
10	16QAM	50	0	/	20.93	/
10	64QAM	1	0	/	21.99	/
10	64QAM	1	25	/	21.93	/
10	64QAM	1	49	/	22.08	/
10	64QAM	25	0	/	21.11	/
10	64QAM	25	12	/	21.09	/
10	64QAM	25	25	/	21.02	/
10	64QAM	50	0	/	20.96	/

LTE Band 40, Block B						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39175	39200	39225
Frequency (MHz)				2352.5	2355	2357.5
5	QPSK	1	0	23.00	23.06	23.03
5	QPSK	1	12	22.95	22.94	22.98
5	QPSK	1	24	22.89	22.96	22.89
5	QPSK	12	0	22.07	22.06	22.02
5	QPSK	12	7	22.12	22.09	22.12
5	QPSK	12	13	22.14	22.10	22.04
5	QPSK	25	0	22.26	22.17	21.87
5	16QAM	1	0	22.45	22.36	22.38
5	16QAM	1	12	22.20	22.40	22.23
5	16QAM	1	24	22.35	22.39	22.07
5	16QAM	12	0	21.14	21.09	20.99
5	16QAM	12	7	21.19	21.00	21.09
5	16QAM	12	13	21.19	21.12	21.08
5	16QAM	25	0	21.09	21.19	20.99
5	64QAM	1	0	22.27	22.21	21.93
5	64QAM	1	12	22.31	22.06	21.92
5	64QAM	1	24	21.92	22.36	22.12
5	64QAM	12	0	21.01	21.25	20.97
5	64QAM	12	7	21.18	21.11	21.09
5	64QAM	12	13	21.15	21.24	21.11
5	64QAM	25	0	21.19	21.07	20.95

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	22.92	23.11	22.96
20	QPSK	1	49	22.91	22.95	22.95
20	QPSK	1	99	22.90	22.90	22.95
20	QPSK	50	0	21.95	22.13	22.06
20	QPSK	50	24	22.08	22.10	22.05
20	QPSK	50	50	22.05	22.09	21.99
20	QPSK	100	0	22.09	22.10	22.06
20	16QAM	1	0	22.38	22.47	22.34
20	16QAM	1	49	22.20	22.45	22.20
20	16QAM	1	99	22.16	22.39	22.05
20	16QAM	50	0	21.05	21.26	20.98
20	16QAM	50	24	21.04	21.11	20.97
20	16QAM	50	50	21.01	21.13	21.05
20	16QAM	100	0	21.04	21.10	21.06
20	64QAM	1	0	22.10	22.35	22.04
20	64QAM	1	49	22.13	22.10	22.12
20	64QAM	1	99	22.02	22.20	21.94
20	64QAM	50	0	21.02	21.17	21.11
20	64QAM	50	24	21.06	21.13	21.15
20	64QAM	50	50	21.03	21.12	21.03
20	64QAM	100	0	21.09	21.07	21.09

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	22.93	23.02	22.91
15	QPSK	1	37	23.02	22.88	22.92
15	QPSK	1	74	22.90	22.88	22.96
15	QPSK	36	0	21.94	22.07	21.98
15	QPSK	36	20	22.09	22.06	22.11
15	QPSK	36	39	22.13	22.15	22.08
15	QPSK	75	0	21.86	22.12	21.94
15	16QAM	1	0	22.29	22.39	22.35
15	16QAM	1	37	22.26	22.42	22.23
15	16QAM	1	74	22.02	22.47	22.15
15	16QAM	36	0	21.07	21.09	21.07
15	16QAM	36	20	21.03	21.10	21.10
15	16QAM	36	39	21.04	21.10	21.00
15	16QAM	75	0	20.98	21.13	21.02
15	64QAM	1	0	21.92	22.42	22.00
15	64QAM	1	37	21.99	22.08	22.01
15	64QAM	1	74	22.09	22.35	22.11
15	64QAM	36	0	21.06	21.19	21.01
15	64QAM	36	20	21.06	21.06	21.00
15	64QAM	36	39	20.99	21.10	21.07
15	64QAM	75	0	21.03	21.14	20.91

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	22.97	23.06	22.97
10	QPSK	1	25	22.84	22.90	22.92
10	QPSK	1	49	22.92	22.88	22.95
10	QPSK	25	0	21.99	22.04	22.11
10	QPSK	25	12	22.25	22.13	22.24
10	QPSK	25	25	22.19	22.10	22.14
10	QPSK	50	0	22.19	22.10	22.15
10	16QAM	1	0	22.32	22.45	22.35
10	16QAM	1	25	22.19	22.42	22.17
10	16QAM	1	49	22.31	22.35	22.30
10	16QAM	25	0	21.05	21.12	21.16
10	16QAM	25	12	21.15	21.14	21.23
10	16QAM	25	25	21.24	21.18	21.18
10	16QAM	50	0	21.06	21.15	21.11
10	64QAM	1	0	21.98	22.15	21.95
10	64QAM	1	25	21.92	22.09	21.95
10	64QAM	1	49	22.04	22.28	22.01
10	64QAM	25	0	21.02	21.12	21.07
10	64QAM	25	12	21.10	21.10	21.09
10	64QAM	25	25	21.00	21.14	21.12
10	64QAM	50	0	20.91	21.05	20.90

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	22.97	23.06	22.98
5	QPSK	1	12	22.94	22.83	23.02
5	QPSK	1	24	22.93	22.92	22.96
5	QPSK	12	0	22.01	22.05	21.91
5	QPSK	12	7	22.08	22.05	22.11
5	QPSK	12	13	22.03	22.10	22.05
5	QPSK	25	0	21.94	22.17	21.91
5	16QAM	1	0	22.29	22.47	22.31
5	16QAM	1	12	22.18	22.31	22.23
5	16QAM	1	24	22.03	22.28	22.10
5	16QAM	12	0	21.01	21.05	21.12
5	16QAM	12	7	21.09	21.04	21.08
5	16QAM	12	13	21.09	21.07	20.98
5	16QAM	25	0	20.98	21.13	20.98
5	64QAM	1	0	22.01	22.19	22.02
5	64QAM	1	12	22.00	22.16	21.98
5	64QAM	1	24	22.04	22.33	22.06
5	64QAM	12	0	20.98	21.24	21.08
5	64QAM	12	7	21.04	21.09	21.07
5	64QAM	12	13	21.09	21.10	21.07
5	64QAM	25	0	21.02	21.11	21.03

LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				132072	132322	132572
Frequency (MHz)				1720	1745	1770
20	QPSK	1	0	23.07	23.26	23.21
20	QPSK	1	49	23.10	22.91	23.15
20	QPSK	1	99	23.01	23.07	23.15
20	QPSK	50	0	22.05	22.10	22.03
20	QPSK	50	24	22.07	22.03	22.09
20	QPSK	50	50	22.02	22.06	22.02
20	QPSK	100	0	22.06	22.08	22.07
20	16QAM	1	0	22.27	22.18	22.30
20	16QAM	1	49	22.28	22.40	22.00
20	16QAM	1	99	22.24	22.17	22.03
20	16QAM	50	0	21.10	21.18	21.15
20	16QAM	50	24	21.26	21.31	21.15
20	16QAM	50	50	21.20	21.03	21.32
20	16QAM	100	0	21.03	21.23	21.28
20	64QAM	1	0	22.24	22.32	22.14
20	64QAM	1	49	22.15	22.29	21.92
20	64QAM	1	99	22.14	22.27	22.08
20	64QAM	50	0	21.18	21.22	21.13
20	64QAM	50	24	21.08	21.25	21.29
20	64QAM	50	50	21.27	21.20	21.09
20	64QAM	100	0	21.07	21.40	21.24

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	22.99	23.20	23.14
15	QPSK	1	37	23.06	22.89	23.06
15	QPSK	1	74	23.01	23.07	23.09
15	QPSK	36	0	22.09	22.01	22.17
15	QPSK	36	20	22.09	22.16	22.03
15	QPSK	36	39	22.20	22.25	22.16
15	QPSK	75	0	22.20	22.15	22.13
15	16QAM	1	0	22.25	22.19	22.31
15	16QAM	1	37	22.22	22.30	22.01
15	16QAM	1	74	22.26	22.07	22.01
15	16QAM	36	0	21.14	21.13	21.16
15	16QAM	36	20	21.26	21.26	21.10
15	16QAM	36	39	21.21	21.07	21.26
15	16QAM	75	0	20.95	21.27	21.18
15	64QAM	1	0	22.23	22.35	22.04
15	64QAM	1	37	22.07	22.23	21.92
15	64QAM	1	74	22.08	22.24	22.10
15	64QAM	36	0	21.08	21.19	21.14
15	64QAM	36	20	21.03	21.20	21.25
15	64QAM	36	39	21.23	21.19	21.04
15	64QAM	75	0	21.09	21.39	21.21

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	23.04	23.15	23.11
10	QPSK	1	25	23.04	22.89	23.07
10	QPSK	1	49	22.98	22.97	23.05
10	QPSK	25	0	22.07	22.08	22.26
10	QPSK	25	12	22.07	22.10	22.14
10	QPSK	25	25	22.13	22.24	22.21
10	QPSK	50	0	22.09	22.03	22.10
10	16QAM	1	0	22.25	22.17	22.24
10	16QAM	1	25	22.31	22.39	21.96
10	16QAM	1	49	22.28	22.13	22.06
10	16QAM	25	0	21.05	21.11	21.11
10	16QAM	25	12	21.29	21.31	21.14
10	16QAM	25	25	21.21	21.01	21.30
10	16QAM	50	0	20.95	21.19	21.32
10	64QAM	1	0	22.14	22.42	22.18
10	64QAM	1	25	22.11	22.21	21.97
10	64QAM	1	49	22.07	22.18	22.03
10	64QAM	25	0	21.08	21.22	21.10
10	64QAM	25	12	21.10	21.21	21.24
10	64QAM	25	25	21.23	21.14	21.02
10	64QAM	50	0	20.97	21.31	21.16

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	23.00	23.18	23.20
5	QPSK	1	12	23.06	22.94	23.15
5	QPSK	1	24	23.04	23.07	23.10
5	QPSK	12	0	22.12	22.14	22.24
5	QPSK	12	7	22.09	22.18	22.05
5	QPSK	12	13	22.23	22.24	22.12
5	QPSK	25	0	22.18	22.15	22.14
5	16QAM	1	0	22.29	22.11	22.24
5	16QAM	1	12	22.26	22.30	22.01
5	16QAM	1	24	22.19	22.17	22.07
5	16QAM	12	0	21.00	21.16	21.18
5	16QAM	12	7	21.25	21.22	21.05
5	16QAM	12	13	21.13	21.04	21.34
5	16QAM	25	0	21.07	21.23	21.29
5	64QAM	1	0	22.20	22.35	22.18
5	64QAM	1	12	22.18	22.23	21.95
5	64QAM	1	24	22.11	22.19	22.06
5	64QAM	12	0	21.15	21.16	21.12
5	64QAM	12	7	21.00	21.27	21.22
5	64QAM	12	13	21.20	21.10	20.99
5	64QAM	25	0	21.01	21.43	21.15

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	22.99	23.12	23.17
3	QPSK	1	8	23.08	22.86	23.19
3	QPSK	1	14	23.03	22.98	23.11
3	QPSK	8	0	22.09	22.05	22.25
3	QPSK	8	4	22.13	22.16	22.01
3	QPSK	8	7	22.13	22.18	22.17
3	QPSK	15	0	22.13	22.13	22.09
3	16QAM	1	0	22.23	22.10	22.23
3	16QAM	1	8	22.22	22.32	21.98
3	16QAM	1	14	22.21	22.08	21.99
3	16QAM	8	0	21.13	21.18	21.09
3	16QAM	8	4	21.26	21.30	21.12
3	16QAM	8	7	21.10	20.96	21.30
3	16QAM	15	0	20.99	21.19	21.25
3	64QAM	1	0	22.26	22.43	22.08
3	64QAM	1	8	22.14	22.24	21.98
3	64QAM	1	14	22.12	22.30	21.99
3	64QAM	8	0	21.13	21.20	21.11
3	64QAM	8	4	21.01	21.24	21.20
3	64QAM	8	7	21.18	21.16	21.13
3	64QAM	15	0	21.10	21.42	21.15

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	23.04	23.19	23.22
1.4	QPSK	1	3	23.05	22.90	23.16
1.4	QPSK	1	5	22.98	23.06	23.14
1.4	QPSK	3	0	22.11	22.13	22.20
1.4	QPSK	3	1	22.07	22.20	22.00
1.4	QPSK	3	3	22.12	22.30	22.14
1.4	QPSK	6	0	22.15	22.15	22.17
1.4	16QAM	1	0	22.28	22.13	22.32
1.4	16QAM	1	3	22.24	22.31	22.01
1.4	16QAM	1	5	22.24	22.12	22.07
1.4	16QAM	3	0	21.07	21.14	21.14
1.4	16QAM	3	1	21.28	21.21	21.10
1.4	16QAM	3	3	21.20	21.00	21.23
1.4	16QAM	6	0	20.95	21.18	21.25
1.4	64QAM	1	0	22.14	22.37	22.09
1.4	64QAM	1	3	22.06	22.26	21.96
1.4	64QAM	1	5	22.09	22.25	22.07
1.4	64QAM	3	0	21.20	21.19	21.09
1.4	64QAM	3	1	21.10	21.20	21.31
1.4	64QAM	3	3	21.19	21.23	21.10
1.4	64QAM	6	0	21.07	21.36	21.22

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	21.54	0.143	21.65	0.146	21.59	0.144
20	QPSK	1	49	21.45	0.140	21.57	0.144	21.50	0.141
20	QPSK	1	99	21.37	0.137	21.48	0.141	21.39	0.138
20	QPSK	50	0	20.60	0.115	20.71	0.118	20.68	0.117
20	QPSK	50	24	20.51	0.112	20.59	0.115	20.61	0.115
20	QPSK	50	50	20.45	0.111	20.50	0.112	20.55	0.114
20	QPSK	100	0	20.48	0.112	20.53	0.113	20.54	0.113
20	16QAM	1	0	20.52	0.113	20.61	0.115	20.63	0.116
20	16QAM	1	49	20.45	0.111	20.52	0.113	20.55	0.114
20	16QAM	1	99	20.38	0.109	20.41	0.110	20.46	0.111
20	16QAM	50	0	19.71	0.094	19.85	0.097	19.82	0.096
20	16QAM	50	24	19.56	0.090	19.72	0.094	19.70	0.093
20	16QAM	50	50	19.59	0.091	19.63	0.092	19.65	0.092
20	16QAM	100	0	19.53	0.090	19.59	0.091	19.66	0.092
20	64QAM	1	0	20.53	0.113	20.59	0.115	20.60	0.115
20	64QAM	1	49	20.40	0.110	20.51	0.112	20.53	0.113
20	64QAM	1	99	20.50	0.112	20.45	0.111	20.44	0.111
20	64QAM	50	0	19.78	0.095	19.80	0.095	19.90	0.098
20	64QAM	50	24	19.73	0.094	19.66	0.092	19.72	0.094
20	64QAM	50	50	19.62	0.092	19.70	0.093	19.59	0.091
20	64QAM	100	0	19.68	0.093	19.65	0.092	19.66	0.092

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	21.43	0.139	21.57	0.144	21.53	0.142
15	QPSK	1	37	21.39	0.138	21.54	0.143	21.48	0.141
15	QPSK	1	74	21.22	0.132	21.37	0.137	21.32	0.136
15	QPSK	36	0	20.46	0.111	20.62	0.115	20.61	0.115
15	QPSK	36	20	20.44	0.111	20.56	0.114	20.55	0.114
15	QPSK	36	39	20.44	0.111	20.46	0.111	20.53	0.113
15	QPSK	75	0	20.47	0.111	20.42	0.110	20.45	0.111
15	16QAM	1	0	20.42	0.110	20.55	0.114	20.48	0.112
15	16QAM	1	37	20.44	0.111	20.46	0.111	20.41	0.110
15	16QAM	1	74	20.36	0.109	20.41	0.110	20.45	0.111
15	16QAM	36	0	19.67	0.093	19.83	0.096	19.76	0.095
15	16QAM	36	20	19.45	0.088	19.66	0.092	19.55	0.090
15	16QAM	36	39	19.47	0.089	19.56	0.090	19.56	0.090
15	16QAM	75	0	19.47	0.089	19.44	0.088	19.57	0.091
15	64QAM	1	0	20.51	0.112	20.45	0.111	20.46	0.111
15	64QAM	1	37	20.31	0.107	20.47	0.111	20.41	0.110
15	64QAM	1	74	20.42	0.110	20.33	0.108	20.31	0.107
15	64QAM	36	0	19.66	0.092	19.71	0.094	19.89	0.097
15	64QAM	36	20	19.66	0.092	19.64	0.092	19.59	0.091
15	64QAM	36	39	19.59	0.091	19.64	0.092	19.58	0.091
15	64QAM	75	0	19.67	0.093	19.63	0.092	19.54	0.090

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	21.47	0.140	21.53	0.142	21.52	0.142
10	QPSK	1	25	21.32	0.136	21.45	0.140	21.42	0.139
10	QPSK	1	49	21.22	0.132	21.41	0.138	21.27	0.134
10	QPSK	25	0	20.51	0.112	20.67	0.117	20.61	0.115
10	QPSK	25	12	20.51	0.112	20.47	0.111	20.56	0.114
10	QPSK	25	25	20.34	0.108	20.36	0.109	20.46	0.111
10	QPSK	50	0	20.33	0.108	20.51	0.112	20.51	0.112
10	16QAM	1	0	20.44	0.111	20.46	0.111	20.49	0.112
10	16QAM	1	25	20.44	0.111	20.37	0.109	20.50	0.112
10	16QAM	1	49	20.30	0.107	20.32	0.108	20.37	0.109
10	16QAM	25	0	19.63	0.092	19.71	0.094	19.69	0.093
10	16QAM	25	12	19.45	0.088	19.65	0.092	19.58	0.091
10	16QAM	25	25	19.44	0.088	19.56	0.090	19.54	0.090
10	16QAM	50	0	19.50	0.089	19.45	0.088	19.53	0.090
10	64QAM	1	0	20.49	0.112	20.55	0.114	20.51	0.112
10	64QAM	1	25	20.28	0.107	20.39	0.109	20.43	0.110
10	64QAM	1	49	20.43	0.110	20.44	0.111	20.34	0.108
10	64QAM	25	0	19.76	0.095	19.66	0.092	19.88	0.097
10	64QAM	25	12	19.61	0.091	19.63	0.092	19.65	0.092
10	64QAM	25	25	19.48	0.089	19.63	0.092	19.49	0.089
10	64QAM	50	0	19.59	0.091	19.63	0.092	19.59	0.091

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	21.41	0.138	21.62	0.145	21.58	0.144
5	QPSK	1	12	21.34	0.136	21.42	0.139	21.41	0.138
5	QPSK	1	24	21.33	0.136	21.45	0.140	21.34	0.136
5	QPSK	12	0	20.57	0.114	20.65	0.116	20.67	0.117
5	QPSK	12	7	20.48	0.112	20.54	0.113	20.51	0.112
5	QPSK	12	13	20.43	0.110	20.45	0.111	20.52	0.113
5	QPSK	25	0	20.46	0.111	20.51	0.112	20.42	0.110
5	16QAM	1	0	20.44	0.111	20.59	0.115	20.57	0.114
5	16QAM	1	12	20.42	0.110	20.43	0.110	20.44	0.111
5	16QAM	1	24	20.35	0.108	20.39	0.109	20.32	0.108
5	16QAM	12	0	19.65	0.092	19.72	0.094	19.74	0.094
5	16QAM	12	7	19.48	0.089	19.65	0.092	19.65	0.092
5	16QAM	12	13	19.57	0.091	19.52	0.090	19.63	0.092
5	16QAM	25	0	19.42	0.087	19.47	0.089	19.62	0.092
5	64QAM	1	0	20.50	0.112	20.45	0.111	20.46	0.111
5	64QAM	1	12	20.33	0.108	20.39	0.109	20.41	0.110
5	64QAM	1	24	20.41	0.110	20.35	0.108	20.33	0.108
5	64QAM	12	0	19.72	0.094	19.78	0.095	19.85	0.097
5	64QAM	12	7	19.63	0.092	19.61	0.091	19.58	0.091
5	64QAM	12	13	19.53	0.090	19.68	0.093	19.51	0.089
5	64QAM	25	0	19.61	0.091	19.63	0.092	19.65	0.092

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	21.47	0.140	21.61	0.145	21.47	0.140
3	QPSK	1	8	21.33	0.136	21.53	0.142	21.43	0.139
3	QPSK	1	14	21.24	0.133	21.35	0.136	21.33	0.136
3	QPSK	8	0	20.59	0.115	20.68	0.117	20.64	0.116
3	QPSK	8	4	20.45	0.111	20.47	0.111	20.48	0.112
3	QPSK	8	7	20.39	0.109	20.47	0.111	20.41	0.110
3	QPSK	15	0	20.47	0.111	20.47	0.111	20.44	0.111
3	16QAM	1	0	20.49	0.112	20.54	0.113	20.52	0.113
3	16QAM	1	8	20.44	0.111	20.42	0.110	20.40	0.110
3	16QAM	1	14	20.30	0.107	20.31	0.107	20.34	0.108
3	16QAM	8	0	19.66	0.092	19.80	0.095	19.81	0.096
3	16QAM	8	4	19.51	0.089	19.67	0.093	19.59	0.091
3	16QAM	8	7	19.57	0.091	19.49	0.089	19.64	0.092
3	16QAM	15	0	19.47	0.089	19.52	0.090	19.61	0.091
3	64QAM	1	0	20.49	0.112	20.51	0.112	20.55	0.114
3	64QAM	1	8	20.31	0.107	20.41	0.110	20.48	0.112
3	64QAM	1	14	20.45	0.111	20.33	0.108	20.41	0.110
3	64QAM	8	0	19.69	0.093	19.74	0.094	19.76	0.095
3	64QAM	8	4	19.65	0.092	19.59	0.091	19.62	0.092
3	64QAM	8	7	19.57	0.091	19.57	0.091	19.53	0.090
3	64QAM	15	0	19.59	0.091	19.56	0.090	19.61	0.091

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	21.42	0.139	21.62	0.145	21.56	0.143
1.4	QPSK	1	3	21.34	0.136	21.44	0.139	21.49	0.141
1.4	QPSK	1	5	21.33	0.136	21.42	0.139	21.27	0.134
1.4	QPSK	3	0	20.54	0.113	20.68	0.117	20.65	0.116
1.4	QPSK	3	1	20.57	0.114	20.58	0.114	20.54	0.113
1.4	QPSK	3	3	20.61	0.115	20.55	0.114	20.51	0.112
1.4	QPSK	6	0	20.46	0.111	20.44	0.111	20.47	0.111
1.4	16QAM	1	0	20.41	0.110	20.49	0.112	20.53	0.113
1.4	16QAM	1	3	20.33	0.108	20.38	0.109	20.48	0.112
1.4	16QAM	1	5	20.24	0.106	20.35	0.108	20.44	0.111
1.4	16QAM	3	0	19.65	0.092	19.76	0.095	19.76	0.095
1.4	16QAM	3	1	19.53	0.090	19.69	0.093	19.59	0.091
1.4	16QAM	3	3	19.50	0.089	19.57	0.091	19.57	0.091
1.4	16QAM	6	0	19.46	0.088	19.55	0.090	19.57	0.091
1.4	64QAM	1	0	20.41	0.110	20.55	0.114	20.46	0.111
1.4	64QAM	1	3	20.39	0.109	20.36	0.109	20.52	0.113
1.4	64QAM	1	5	20.48	0.112	20.32	0.108	20.42	0.110
1.4	64QAM	3	0	19.68	0.093	19.74	0.094	19.83	0.096
1.4	64QAM	3	1	19.60	0.091	19.56	0.090	19.62	0.092
1.4	64QAM	3	3	19.58	0.091	19.64	0.092	19.61	0.091
1.4	64QAM	6	0	19.61	0.091	19.64	0.092	19.58	0.091

LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20050		20175		20300	
Frequency (MHz)				1720		1732.5		1745	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	21.51	0.142	21.61	0.145	21.45	0.140
20	QPSK	1	49	21.39	0.138	21.54	0.143	21.44	0.139
20	QPSK	1	99	21.35	0.136	21.37	0.137	21.30	0.135
20	QPSK	50	0	20.49	0.112	20.65	0.116	20.64	0.116
20	QPSK	50	24	20.50	0.112	20.51	0.112	20.49	0.112
20	QPSK	50	50	20.33	0.108	20.36	0.109	20.42	0.110
20	QPSK	100	0	20.37	0.109	20.52	0.113	20.49	0.112
20	16QAM	1	0	20.42	0.110	20.55	0.114	20.61	0.115
20	16QAM	1	49	20.31	0.107	20.39	0.109	20.52	0.113
20	16QAM	1	99	20.27	0.106	20.38	0.109	20.37	0.109
20	16QAM	50	0	19.64	0.092	19.74	0.094	19.72	0.094
20	16QAM	50	24	19.42	0.087	19.64	0.092	19.58	0.091
20	16QAM	50	50	19.55	0.090	19.57	0.091	19.53	0.090
20	16QAM	100	0	19.51	0.089	19.53	0.090	19.60	0.091
20	64QAM	1	0	20.38	0.109	20.53	0.113	20.59	0.115
20	64QAM	1	49	20.26	0.106	20.43	0.110	20.46	0.111
20	64QAM	1	99	20.42	0.110	20.32	0.108	20.36	0.109
20	64QAM	50	0	19.71	0.094	19.66	0.092	19.80	0.095
20	64QAM	50	24	19.66	0.092	19.64	0.092	19.72	0.094
20	64QAM	50	50	19.57	0.091	19.59	0.091	19.53	0.090
20	64QAM	100	0	19.54	0.090	19.63	0.092	19.56	0.090

LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20025		20175		20325	
Frequency (MHz)				1717.5		1732.5		1747.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	21.53	0.142	21.58	0.144	21.51	0.142
15	QPSK	1	37	21.27	0.134	21.41	0.138	21.29	0.135
15	QPSK	1	74	21.21	0.132	21.24	0.133	21.26	0.134
15	QPSK	36	0	20.37	0.109	20.55	0.114	20.56	0.114
15	QPSK	36	20	20.48	0.112	20.45	0.111	20.39	0.109
15	QPSK	36	39	20.31	0.107	20.25	0.106	20.37	0.109
15	QPSK	75	0	20.32	0.108	20.42	0.110	20.45	0.111
15	16QAM	1	0	20.36	0.109	20.49	0.112	20.57	0.114
15	16QAM	1	37	20.27	0.106	20.32	0.108	20.40	0.110
15	16QAM	1	74	20.18	0.104	20.36	0.109	20.26	0.106
15	16QAM	36	0	19.59	0.091	19.71	0.094	19.63	0.092
15	16QAM	36	20	19.41	0.087	19.53	0.090	19.51	0.089
15	16QAM	36	39	19.49	0.089	19.56	0.090	19.51	0.089
15	16QAM	75	0	19.49	0.089	19.47	0.089	19.57	0.091
15	64QAM	1	0	20.35	0.108	20.45	0.111	20.56	0.114
15	64QAM	1	37	20.31	0.107	20.31	0.107	20.37	0.109
15	64QAM	1	74	20.29	0.107	20.25	0.106	20.21	0.105
15	64QAM	36	0	19.61	0.091	19.54	0.090	19.78	0.095
15	64QAM	36	20	19.56	0.090	19.52	0.090	19.66	0.092
15	64QAM	36	39	19.46	0.088	19.46	0.088	19.42	0.087
15	64QAM	75	0	19.51	0.089	19.51	0.089	19.45	0.088

LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20000		20175		20350	
Frequency (MHz)				1715		1732.5		1750	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	21.36	0.137	21.55	0.143	21.39	0.138
10	QPSK	1	25	21.27	0.134	21.52	0.142	21.38	0.137
10	QPSK	1	49	21.28	0.134	21.31	0.135	21.27	0.134
10	QPSK	25	0	20.37	0.109	20.53	0.113	20.58	0.114
10	QPSK	25	12	20.49	0.112	20.51	0.112	20.36	0.109
10	QPSK	25	25	20.23	0.105	20.35	0.108	20.31	0.107
10	QPSK	50	0	20.23	0.105	20.49	0.112	20.45	0.111
10	16QAM	1	0	20.33	0.108	20.54	0.113	20.59	0.115
10	16QAM	1	25	20.25	0.106	20.38	0.109	20.47	0.111
10	16QAM	1	49	20.17	0.104	20.34	0.108	20.26	0.106
10	16QAM	25	0	19.51	0.089	19.67	0.093	19.60	0.091
10	16QAM	25	12	19.31	0.085	19.53	0.090	19.52	0.090
10	16QAM	25	25	19.52	0.090	19.55	0.090	19.43	0.088
10	16QAM	50	0	19.50	0.089	19.45	0.088	19.46	0.088
10	64QAM	1	0	20.29	0.107	20.44	0.111	20.49	0.112
10	64QAM	1	25	20.18	0.104	20.30	0.107	20.32	0.108
10	64QAM	1	49	20.34	0.108	20.31	0.107	20.23	0.105
10	64QAM	25	0	19.57	0.091	19.56	0.090	19.66	0.092
10	64QAM	25	12	19.52	0.090	19.52	0.090	19.65	0.092
10	64QAM	25	25	19.42	0.087	19.48	0.089	19.47	0.089
10	64QAM	50	0	19.45	0.088	19.57	0.091	19.52	0.090

LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				19975		20175		20375	
Frequency (MHz)				1712.5		1732.5		1752.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	21.44	0.139	21.53	0.142	21.36	0.137
5	QPSK	1	12	21.24	0.133	21.42	0.139	21.39	0.138
5	QPSK	1	24	21.26	0.134	21.22	0.132	21.17	0.131
5	QPSK	12	0	20.35	0.108	20.56	0.114	20.49	0.112
5	QPSK	12	7	20.39	0.109	20.47	0.111	20.38	0.109
5	QPSK	12	13	20.18	0.104	20.29	0.107	20.37	0.109
5	QPSK	25	0	20.32	0.108	20.47	0.111	20.40	0.110
5	16QAM	1	0	20.41	0.110	20.54	0.113	20.53	0.113
5	16QAM	1	12	20.28	0.107	20.27	0.106	20.43	0.110
5	16QAM	1	24	20.14	0.103	20.34	0.108	20.26	0.106
5	16QAM	12	0	19.56	0.090	19.68	0.093	19.61	0.091
5	16QAM	12	7	19.27	0.085	19.54	0.090	19.46	0.088
5	16QAM	12	13	19.52	0.090	19.48	0.089	19.52	0.090
5	16QAM	25	0	19.46	0.088	19.42	0.087	19.56	0.090
5	64QAM	1	0	20.37	0.109	20.41	0.110	20.48	0.112
5	64QAM	1	12	20.22	0.105	20.35	0.108	20.44	0.111
5	64QAM	1	24	20.40	0.110	20.25	0.106	20.31	0.107
5	64QAM	12	0	19.67	0.093	19.51	0.089	19.69	0.093
5	64QAM	12	7	19.56	0.090	19.52	0.090	19.62	0.092
5	64QAM	12	13	19.49	0.089	19.58	0.091	19.51	0.089
5	64QAM	25	0	19.46	0.088	19.46	0.088	19.45	0.088

LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				19965		20175		20385	
Frequency (MHz)				1711.5		1732.5		1753.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	21.36	0.137	21.56	0.143	21.37	0.137
3	QPSK	1	8	21.34	0.136	21.45	0.140	21.32	0.136
3	QPSK	1	14	21.32	0.136	21.29	0.135	21.16	0.131
3	QPSK	8	0	20.42	0.110	20.56	0.114	20.57	0.114
3	QPSK	8	4	20.40	0.110	20.48	0.112	20.36	0.109
3	QPSK	8	7	20.27	0.106	20.26	0.106	20.29	0.107
3	QPSK	15	0	20.25	0.106	20.44	0.111	20.34	0.108
3	16QAM	1	0	20.27	0.106	20.43	0.110	20.60	0.115
3	16QAM	1	8	20.23	0.105	20.35	0.108	20.47	0.111
3	16QAM	1	14	20.24	0.106	20.32	0.108	20.25	0.106
3	16QAM	8	0	19.56	0.090	19.72	0.094	19.66	0.092
3	16QAM	8	4	19.32	0.086	19.50	0.089	19.44	0.088
3	16QAM	8	7	19.51	0.089	19.43	0.088	19.52	0.090
3	16QAM	15	0	19.45	0.088	19.51	0.089	19.53	0.090
3	64QAM	1	0	20.34	0.108	20.46	0.111	20.56	0.114
3	64QAM	1	8	20.19	0.104	20.31	0.107	20.34	0.108
3	64QAM	1	14	20.39	0.109	20.20	0.105	20.22	0.105
3	64QAM	8	0	19.67	0.093	19.52	0.090	19.77	0.095
3	64QAM	8	4	19.59	0.091	19.63	0.092	19.67	0.093
3	64QAM	8	7	19.42	0.087	19.55	0.090	19.52	0.090
3	64QAM	15	0	19.46	0.088	19.52	0.090	19.41	0.087

LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				19957		20175		20393	
Frequency (MHz)				1710.7		1732.5		1754.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	21.37	0.137	21.58	0.144	21.37	0.137
1.4	QPSK	1	3	21.32	0.136	21.53	0.142	21.43	0.139
1.4	QPSK	1	5	21.29	0.135	21.33	0.136	21.17	0.131
1.4	QPSK	3	0	20.61	0.115	20.55	0.114	20.51	0.112
1.4	QPSK	3	1	20.53	0.113	20.57	0.114	20.58	0.114
1.4	QPSK	3	3	20.57	0.114	20.55	0.114	20.52	0.113
1.4	QPSK	6	0	20.27	0.106	20.41	0.110	20.38	0.109
1.4	16QAM	1	0	20.36	0.109	20.44	0.111	20.53	0.113
1.4	16QAM	1	3	20.24	0.106	20.35	0.108	20.51	0.112
1.4	16QAM	1	5	20.21	0.105	20.29	0.107	20.29	0.107
1.4	16QAM	3	0	19.63	0.092	19.61	0.091	19.63	0.092
1.4	16QAM	3	1	19.54	0.090	19.51	0.089	19.58	0.091
1.4	16QAM	3	3	19.59	0.091	19.52	0.090	19.55	0.090
1.4	16QAM	6	0	19.42	0.087	19.49	0.089	19.57	0.091
1.4	64QAM	1	0	20.37	0.109	20.42	0.110	20.57	0.114
1.4	64QAM	1	3	20.23	0.105	20.31	0.107	20.38	0.109
1.4	64QAM	1	5	20.39	0.109	20.31	0.107	20.22	0.105
1.4	64QAM	3	0	19.61	0.091	19.56	0.090	19.66	0.092
1.4	64QAM	3	1	19.61	0.091	19.56	0.090	19.63	0.092
1.4	64QAM	3	3	19.52	0.090	19.58	0.091	19.54	0.090
1.4	64QAM	6	0	19.49	0.089	19.49	0.089	19.52	0.090

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	17.50	0.056	17.56	0.057	17.51	0.056
10	QPSK	1	25	17.36	0.054	17.38	0.055	17.44	0.055
10	QPSK	1	49	17.42	0.055	17.38	0.055	17.43	0.055
10	QPSK	25	0	16.54	0.045	16.56	0.045	16.53	0.045
10	QPSK	25	12	16.53	0.045	16.55	0.045	16.53	0.045
10	QPSK	25	25	16.52	0.045	16.55	0.045	16.54	0.045
10	QPSK	50	0	16.49	0.045	16.54	0.045	16.39	0.044
10	16QAM	1	0	17.14	0.052	17.10	0.051	17.00	0.050
10	16QAM	1	25	16.85	0.048	16.99	0.050	16.83	0.048
10	16QAM	1	49	16.78	0.048	17.03	0.050	16.70	0.047
10	16QAM	25	0	15.59	0.036	15.55	0.036	15.54	0.036
10	16QAM	25	12	15.67	0.037	15.55	0.036	15.53	0.036
10	16QAM	25	25	15.66	0.037	15.61	0.036	15.51	0.036
10	16QAM	50	0	15.58	0.036	15.61	0.036	15.44	0.035
10	64QAM	1	0	16.82	0.048	16.66	0.046	16.44	0.044
10	64QAM	1	25	16.90	0.049	16.61	0.046	16.44	0.044
10	64QAM	1	49	16.44	0.044	16.81	0.048	16.54	0.045
10	64QAM	25	0	15.54	0.036	15.66	0.037	15.52	0.036
10	64QAM	25	12	15.70	0.037	15.59	0.036	15.51	0.036
10	64QAM	25	25	15.65	0.037	15.65	0.037	15.54	0.036
10	64QAM	50	0	15.63	0.037	15.58	0.036	15.44	0.035

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	17.35	0.054	17.53	0.057	17.40	0.055
5	QPSK	1	12	17.27	0.053	17.27	0.053	17.34	0.054
5	QPSK	1	24	17.34	0.054	17.35	0.054	17.30	0.054
5	QPSK	12	0	16.44	0.044	16.54	0.045	16.42	0.044
5	QPSK	12	7	16.52	0.045	16.47	0.044	16.47	0.044
5	QPSK	12	13	16.57	0.045	16.49	0.045	16.47	0.044
5	QPSK	25	0	16.58	0.045	16.52	0.045	16.31	0.043
5	16QAM	1	0	16.90	0.049	16.93	0.049	16.90	0.049
5	16QAM	1	12	16.84	0.048	16.87	0.049	16.73	0.047
5	16QAM	1	24	16.69	0.047	16.99	0.050	16.62	0.046
5	16QAM	12	0	15.48	0.035	15.60	0.036	15.51	0.036
5	16QAM	12	7	15.55	0.036	15.40	0.035	15.48	0.035
5	16QAM	12	13	15.54	0.036	15.52	0.036	15.46	0.035
5	16QAM	25	0	15.47	0.035	15.53	0.036	15.35	0.034
5	64QAM	1	0	16.68	0.047	16.75	0.047	16.52	0.045
5	64QAM	1	12	16.89	0.049	16.57	0.045	16.47	0.044
5	64QAM	1	24	16.50	0.045	16.56	0.045	16.54	0.045
5	64QAM	12	0	15.47	0.035	15.58	0.036	15.48	0.035
5	64QAM	12	7	15.55	0.036	15.50	0.035	15.46	0.035
5	64QAM	12	13	15.57	0.036	15.51	0.036	15.39	0.035
5	64QAM	25	0	15.41	0.035	15.49	0.035	15.31	0.034

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	17.44	0.055	17.48	0.056	17.49	0.056
3	QPSK	1	8	17.34	0.054	17.37	0.055	17.42	0.055
3	QPSK	1	14	17.29	0.054	17.35	0.054	17.41	0.055
3	QPSK	8	0	16.49	0.045	16.55	0.045	16.29	0.043
3	QPSK	8	4	16.54	0.045	16.48	0.044	16.49	0.045
3	QPSK	8	7	16.53	0.045	16.41	0.044	16.49	0.045
3	QPSK	15	0	16.63	0.046	16.48	0.044	16.35	0.043
3	16QAM	1	0	16.86	0.049	16.91	0.049	16.93	0.049
3	16QAM	1	8	16.79	0.048	16.88	0.049	16.74	0.047
3	16QAM	1	14	16.71	0.047	16.92	0.049	16.61	0.046
3	16QAM	8	0	15.54	0.036	15.40	0.035	15.50	0.035
3	16QAM	8	4	15.53	0.036	15.51	0.036	15.41	0.035
3	16QAM	8	7	15.63	0.037	15.60	0.036	15.48	0.035
3	16QAM	15	0	15.56	0.036	15.48	0.035	15.40	0.035
3	64QAM	1	0	16.76	0.047	16.64	0.046	16.63	0.046
3	64QAM	1	8	16.77	0.048	16.49	0.045	16.47	0.044
3	64QAM	1	14	16.43	0.044	16.71	0.047	16.49	0.045
3	64QAM	8	0	15.48	0.035	15.60	0.036	15.51	0.036
3	64QAM	8	4	15.62	0.036	15.53	0.036	15.48	0.035
3	64QAM	8	7	15.53	0.036	15.50	0.035	15.41	0.035
3	64QAM	15	0	15.50	0.035	15.45	0.035	15.29	0.034

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	17.39	0.055	17.46	0.056	17.45	0.056
1.4	QPSK	1	3	17.30	0.054	17.32	0.054	17.30	0.054
1.4	QPSK	1	5	17.41	0.055	17.27	0.053	17.38	0.055
1.4	QPSK	3	0	16.47	0.044	16.57	0.045	16.48	0.044
1.4	QPSK	3	1	16.60	0.046	16.46	0.044	16.46	0.044
1.4	QPSK	3	3	16.61	0.046	16.52	0.045	16.50	0.045
1.4	QPSK	6	0	16.57	0.045	16.45	0.044	16.36	0.043
1.4	16QAM	1	0	17.01	0.050	17.02	0.050	16.96	0.050
1.4	16QAM	1	3	16.73	0.047	16.89	0.049	16.72	0.047
1.4	16QAM	1	5	16.75	0.047	16.91	0.049	16.62	0.046
1.4	16QAM	3	0	15.57	0.036	15.63	0.037	15.50	0.035
1.4	16QAM	3	1	15.58	0.036	15.45	0.035	15.49	0.035
1.4	16QAM	3	3	15.53	0.036	15.52	0.036	15.48	0.035
1.4	16QAM	6	0	15.53	0.036	15.57	0.036	15.31	0.034
1.4	64QAM	1	0	16.70	0.047	16.51	0.045	16.50	0.045
1.4	64QAM	1	3	16.75	0.047	16.47	0.044	16.39	0.044
1.4	64QAM	1	5	16.42	0.044	16.68	0.047	16.49	0.045
1.4	64QAM	3	0	15.54	0.036	15.63	0.037	15.49	0.035
1.4	64QAM	3	1	15.61	0.036	15.45	0.035	15.48	0.035
1.4	64QAM	3	3	15.62	0.036	15.56	0.036	15.51	0.036
1.4	64QAM	6	0	15.62	0.036	15.57	0.036	15.42	0.035

LTE Band 7				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20850		21100		21350	
Frequency (MHz)				2510		2535		2560	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	21.27	0.134	21.40	0.138	21.33	0.136
20	QPSK	1	49	21.12	0.129	21.36	0.137	21.27	0.134
20	QPSK	1	99	21.17	0.131	21.20	0.132	21.03	0.127
20	QPSK	50	0	20.28	0.107	20.47	0.111	20.46	0.111
20	QPSK	50	24	20.32	0.108	20.27	0.106	20.21	0.105
20	QPSK	50	50	20.10	0.102	20.17	0.104	20.16	0.104
20	QPSK	100	0	20.12	0.103	20.25	0.106	20.32	0.108
20	16QAM	1	0	20.14	0.103	20.31	0.107	20.44	0.111
20	16QAM	1	49	20.13	0.103	20.22	0.105	20.32	0.108
20	16QAM	1	99	20.00	0.100	20.10	0.102	20.09	0.102
20	16QAM	50	0	19.43	0.088	19.52	0.090	19.54	0.090
20	16QAM	50	24	19.25	0.084	19.46	0.088	19.28	0.085
20	16QAM	50	50	19.37	0.086	19.27	0.085	19.25	0.084
20	16QAM	100	0	19.31	0.085	19.31	0.085	19.42	0.087
20	64QAM	1	0	20.20	0.105	20.26	0.106	20.41	0.110
20	64QAM	1	49	20.02	0.100	20.24	0.106	20.29	0.107
20	64QAM	1	99	20.13	0.103	20.02	0.100	20.18	0.104
20	64QAM	50	0	19.47	0.089	19.47	0.089	19.51	0.089
20	64QAM	50	24	19.38	0.087	19.37	0.086	19.50	0.089
20	64QAM	50	50	19.32	0.086	19.32	0.086	19.33	0.086
20	64QAM	100	0	19.34	0.086	19.38	0.087	19.28	0.085

LTE Band 7				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20825		21100		21375	
Frequency (MHz)				2507.5		2535		2562.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	21.15	0.130	21.27	0.134	21.21	0.132
15	QPSK	1	37	21.04	0.127	21.26	0.134	21.14	0.130
15	QPSK	1	74	21.15	0.130	21.08	0.128	20.97	0.125
15	QPSK	36	0	20.15	0.104	20.43	0.110	20.34	0.108
15	QPSK	36	20	20.17	0.104	20.20	0.105	20.09	0.102
15	QPSK	36	39	20.01	0.100	20.14	0.103	20.08	0.102
15	QPSK	75	0	20.10	0.102	20.15	0.104	20.23	0.105
15	16QAM	1	0	20.13	0.103	20.21	0.105	20.38	0.109
15	16QAM	1	37	20.00	0.100	20.08	0.102	20.27	0.106
15	16QAM	1	74	19.94	0.099	20.05	0.101	20.07	0.102
15	16QAM	36	0	19.36	0.086	19.51	0.089	19.39	0.087
15	16QAM	36	20	19.17	0.083	19.36	0.086	19.25	0.084
15	16QAM	36	39	19.29	0.085	19.22	0.084	19.24	0.084
15	16QAM	75	0	19.21	0.083	19.27	0.085	19.39	0.087
15	64QAM	1	0	20.18	0.104	20.22	0.105	20.38	0.109
15	64QAM	1	37	19.89	0.097	20.21	0.105	20.20	0.105
15	64QAM	1	74	20.10	0.102	19.98	0.100	20.11	0.103
15	64QAM	36	0	19.45	0.088	19.41	0.087	19.42	0.087
15	64QAM	36	20	19.37	0.086	19.22	0.084	19.49	0.089
15	64QAM	36	39	19.18	0.083	19.24	0.084	19.28	0.085
15	64QAM	75	0	19.20	0.083	19.26	0.084	19.27	0.085

LTE Band 7				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20800		21100		21400	
Frequency (MHz)				2505		2535		2565	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	21.12	0.129	21.28	0.134	21.22	0.132
10	QPSK	1	25	21.10	0.129	21.33	0.136	21.19	0.132
10	QPSK	1	49	21.03	0.127	21.07	0.128	20.97	0.125
10	QPSK	25	0	20.13	0.103	20.40	0.110	20.38	0.109
10	QPSK	25	12	20.21	0.105	20.25	0.106	20.10	0.102
10	QPSK	25	25	20.08	0.102	20.14	0.103	20.07	0.102
10	QPSK	50	0	20.00	0.100	20.10	0.102	20.24	0.106
10	16QAM	1	0	20.13	0.103	20.23	0.105	20.35	0.108
10	16QAM	1	25	20.12	0.103	20.18	0.104	20.17	0.104
10	16QAM	1	49	19.94	0.099	20.06	0.101	20.00	0.100
10	16QAM	25	0	19.33	0.086	19.45	0.088	19.42	0.087
10	16QAM	25	12	19.15	0.082	19.37	0.086	19.13	0.082
10	16QAM	25	25	19.36	0.086	19.20	0.083	19.15	0.082
10	16QAM	50	0	19.26	0.084	19.18	0.083	19.32	0.086
10	64QAM	1	0	20.10	0.102	20.20	0.105	20.31	0.107
10	64QAM	1	25	19.97	0.099	20.22	0.105	20.28	0.107
10	64QAM	1	49	20.08	0.102	19.89	0.097	20.05	0.101
10	64QAM	25	0	19.42	0.087	19.42	0.087	19.47	0.089
10	64QAM	25	12	19.28	0.085	19.23	0.084	19.44	0.088
10	64QAM	25	25	19.30	0.085	19.17	0.083	19.31	0.085
10	64QAM	50	0	19.31	0.085	19.25	0.084	19.27	0.085

LTE Band 7				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20775		21100		21425	
Frequency (MHz)				2502.5		2535		2567.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	21.19	0.132	21.39	0.138	21.26	0.134
5	QPSK	1	12	21.07	0.128	21.29	0.135	21.23	0.133
5	QPSK	1	24	21.10	0.129	21.06	0.128	20.96	0.125
5	QPSK	12	0	20.20	0.105	20.36	0.109	20.44	0.111
5	QPSK	12	7	20.28	0.107	20.26	0.106	20.12	0.103
5	QPSK	12	13	20.09	0.102	20.07	0.102	20.14	0.103
5	QPSK	25	0	20.10	0.102	20.19	0.104	20.22	0.105
5	16QAM	1	0	20.12	0.103	20.21	0.105	20.35	0.108
5	16QAM	1	12	20.01	0.100	20.13	0.103	20.22	0.105
5	16QAM	1	24	19.92	0.098	20.06	0.101	20.08	0.102
5	16QAM	12	0	19.32	0.086	19.44	0.088	19.43	0.088
5	16QAM	12	7	19.17	0.083	19.32	0.086	19.24	0.084
5	16QAM	12	13	19.31	0.085	19.20	0.083	19.22	0.084
5	16QAM	25	0	19.26	0.084	19.18	0.083	19.39	0.087
5	64QAM	1	0	20.17	0.104	20.22	0.105	20.38	0.109
5	64QAM	1	12	19.91	0.098	20.16	0.104	20.25	0.106
5	64QAM	1	24	20.03	0.101	19.89	0.097	20.12	0.103
5	64QAM	12	0	19.35	0.086	19.40	0.087	19.47	0.089
5	64QAM	12	7	19.26	0.084	19.23	0.084	19.49	0.089
5	64QAM	12	13	19.25	0.084	19.21	0.083	19.27	0.085
5	64QAM	25	0	19.31	0.085	19.23	0.084	19.13	0.082

LTE Band 12				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23060		23095		23130	
Frequency (MHz)				704		707.5		711	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	16.24	0.042	16.28	0.042	16.22	0.042
10	QPSK	1	25	16.24	0.042	16.20	0.042	16.21	0.042
10	QPSK	1	49	16.20	0.042	16.23	0.042	16.24	0.042
10	QPSK	25	0	15.27	0.034	15.33	0.034	15.29	0.034
10	QPSK	25	12	15.31	0.034	15.23	0.033	15.31	0.034
10	QPSK	25	25	15.24	0.033	15.22	0.033	15.28	0.034
10	QPSK	50	0	15.20	0.033	15.19	0.033	15.26	0.034
10	16QAM	1	0	15.62	0.036	15.61	0.036	15.52	0.036
10	16QAM	1	25	15.18	0.033	15.35	0.034	15.53	0.036
10	16QAM	1	49	15.35	0.034	15.42	0.035	15.48	0.035
10	16QAM	25	0	14.17	0.026	14.32	0.027	14.16	0.026
10	16QAM	25	12	14.28	0.027	14.27	0.027	14.30	0.027
10	16QAM	25	25	14.27	0.027	14.38	0.027	14.23	0.026
10	16QAM	50	0	14.29	0.027	14.27	0.027	14.31	0.027
10	64QAM	1	0	15.17	0.033	15.27	0.034	15.33	0.034
10	64QAM	1	25	15.16	0.033	15.33	0.034	15.52	0.036
10	64QAM	1	49	15.47	0.035	15.50	0.035	15.29	0.034
10	64QAM	25	0	14.08	0.026	14.28	0.027	14.26	0.027
10	64QAM	25	12	14.38	0.027	14.23	0.026	14.34	0.027
10	64QAM	25	25	14.18	0.026	14.31	0.027	14.35	0.027
10	64QAM	50	0	14.31	0.027	14.26	0.027	13.98	0.025

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	16.12	0.041	16.17	0.041	16.07	0.040
5	QPSK	1	12	16.15	0.041	16.10	0.041	16.12	0.041
5	QPSK	1	24	16.13	0.041	16.08	0.041	16.22	0.042
5	QPSK	12	0	15.19	0.033	15.06	0.032	15.12	0.033
5	QPSK	12	7	15.27	0.034	15.08	0.032	15.19	0.033
5	QPSK	12	13	15.19	0.033	15.17	0.033	15.26	0.034
5	QPSK	25	0	15.12	0.033	15.17	0.033	15.27	0.034
5	16QAM	1	0	15.50	0.035	15.48	0.035	15.40	0.035
5	16QAM	1	12	15.10	0.032	15.30	0.034	15.40	0.035
5	16QAM	1	24	15.20	0.033	15.27	0.034	15.37	0.034
5	16QAM	12	0	14.06	0.025	14.31	0.027	14.14	0.026
5	16QAM	12	7	14.22	0.026	14.24	0.027	14.20	0.026
5	16QAM	12	13	14.26	0.027	14.29	0.027	14.12	0.026
5	16QAM	25	0	14.16	0.026	14.12	0.026	14.28	0.027
5	64QAM	1	0	15.09	0.032	15.13	0.033	15.30	0.034
5	64QAM	1	12	15.14	0.033	15.19	0.033	15.45	0.035
5	64QAM	1	24	15.40	0.035	15.47	0.035	15.23	0.033
5	64QAM	12	0	14.04	0.025	14.14	0.026	14.21	0.026
5	64QAM	12	7	14.28	0.027	14.22	0.026	14.28	0.027
5	64QAM	12	13	14.13	0.026	14.23	0.026	14.29	0.027
5	64QAM	25	0	14.20	0.026	14.16	0.026	13.83	0.024

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	16.13	0.041	16.16	0.041	16.12	0.041
3	QPSK	1	8	16.23	0.042	16.19	0.042	16.11	0.041
3	QPSK	1	14	16.17	0.041	16.16	0.041	16.11	0.041
3	QPSK	8	0	15.14	0.033	15.14	0.033	15.12	0.033
3	QPSK	8	4	15.16	0.033	15.18	0.033	15.23	0.033
3	QPSK	8	7	15.10	0.032	15.20	0.033	15.27	0.034
3	QPSK	15	0	15.09	0.032	15.18	0.033	15.23	0.033
3	16QAM	1	0	15.40	0.035	15.45	0.035	15.42	0.035
3	16QAM	1	8	15.08	0.032	15.20	0.033	15.43	0.035
3	16QAM	1	14	15.27	0.034	15.39	0.035	15.44	0.035
3	16QAM	8	0	14.14	0.026	14.20	0.026	14.03	0.025
3	16QAM	8	4	14.26	0.027	14.21	0.026	14.27	0.027
3	16QAM	8	7	14.18	0.026	14.30	0.027	14.22	0.026
3	16QAM	15	0	14.22	0.026	14.20	0.026	14.21	0.026
3	64QAM	1	0	15.10	0.032	15.25	0.033	15.23	0.033
3	64QAM	1	8	15.07	0.032	15.27	0.034	15.40	0.035
3	64QAM	1	14	15.41	0.035	15.37	0.034	15.20	0.033
3	64QAM	8	0	14.06	0.025	14.19	0.026	14.13	0.026
3	64QAM	8	4	14.36	0.027	14.15	0.026	14.21	0.026
3	64QAM	8	7	14.11	0.026	14.27	0.027	14.21	0.026
3	64QAM	15	0	14.16	0.026	14.22	0.026	13.84	0.024

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	16.18	0.041	16.22	0.042	16.15	0.041
1.4	QPSK	1	3	16.12	0.041	16.10	0.041	16.14	0.041
1.4	QPSK	1	5	16.15	0.041	16.21	0.042	16.19	0.042
1.4	QPSK	3	0	15.21	0.033	15.20	0.033	15.16	0.033
1.4	QPSK	3	1	15.17	0.033	15.19	0.033	15.24	0.033
1.4	QPSK	3	3	15.19	0.033	15.20	0.033	15.17	0.033
1.4	QPSK	6	0	15.14	0.033	15.17	0.033	15.31	0.034
1.4	16QAM	1	0	15.40	0.035	15.46	0.035	15.45	0.035
1.4	16QAM	1	3	15.15	0.033	15.30	0.034	15.39	0.035
1.4	16QAM	1	5	15.21	0.033	15.35	0.034	15.34	0.034
1.4	16QAM	3	0	14.17	0.026	14.26	0.027	14.20	0.026
1.4	16QAM	3	1	14.22	0.026	14.21	0.026	14.23	0.026
1.4	16QAM	3	3	14.22	0.026	14.32	0.027	14.20	0.026
1.4	16QAM	6	0	14.18	0.026	14.13	0.026	14.26	0.027
1.4	64QAM	1	0	15.16	0.033	15.22	0.033	15.22	0.033
1.4	64QAM	1	3	15.02	0.032	15.25	0.033	15.44	0.035
1.4	64QAM	1	5	15.37	0.034	15.36	0.034	15.15	0.033
1.4	64QAM	3	0	14.02	0.025	14.22	0.026	14.22	0.026
1.4	64QAM	3	1	14.31	0.027	14.17	0.026	14.30	0.027
1.4	64QAM	3	3	14.07	0.026	14.29	0.027	14.34	0.027
1.4	64QAM	6	0	14.20	0.026	14.17	0.026	13.93	0.025

LTE Band 17				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23780		23790		23800	
Frequency (MHz)				709		710		711	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	16.28	0.042	16.37	0.043	16.25	0.042
10	QPSK	1	25	16.20	0.042	16.22	0.042	16.20	0.042
10	QPSK	1	49	16.12	0.041	16.07	0.040	16.23	0.042
10	QPSK	25	0	15.18	0.033	15.24	0.033	15.20	0.033
10	QPSK	25	12	15.17	0.033	15.23	0.033	15.20	0.033
10	QPSK	25	25	15.24	0.033	15.21	0.033	15.16	0.033
10	QPSK	50	0	15.17	0.033	15.23	0.033	15.18	0.033
10	16QAM	1	0	15.37	0.034	15.59	0.036	15.52	0.036
10	16QAM	1	25	15.50	0.035	15.56	0.036	15.38	0.035
10	16QAM	1	49	15.53	0.036	15.39	0.035	15.34	0.034
10	16QAM	25	0	14.30	0.027	14.32	0.027	14.26	0.027
10	16QAM	25	12	14.40	0.028	14.33	0.027	14.37	0.027
10	16QAM	25	25	14.31	0.027	14.28	0.027	14.38	0.027
10	16QAM	50	0	14.27	0.027	14.23	0.026	14.16	0.026
10	64QAM	1	0	15.43	0.035	15.30	0.034	15.31	0.034
10	64QAM	1	25	15.37	0.034	15.41	0.035	15.17	0.033
10	64QAM	1	49	15.18	0.033	15.29	0.034	15.34	0.034
10	64QAM	25	0	14.26	0.027	14.24	0.027	14.28	0.027
10	64QAM	25	12	14.43	0.028	14.36	0.027	14.33	0.027
10	64QAM	25	25	14.23	0.026	14.25	0.027	14.28	0.027
10	64QAM	50	0	14.29	0.027	14.23	0.026	14.21	0.026

LTE Band 17				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23755		23790		23825	
Frequency (MHz)				706.5		710		713.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	16.25	0.042	16.30	0.043	16.23	0.042
5	QPSK	1	12	16.08	0.041	16.20	0.042	16.05	0.040
5	QPSK	1	24	16.02	0.040	16.03	0.040	16.15	0.041
5	QPSK	12	0	15.18	0.033	15.20	0.033	15.20	0.033
5	QPSK	12	7	15.27	0.034	15.15	0.033	15.36	0.034
5	QPSK	12	13	15.16	0.033	15.24	0.033	15.23	0.033
5	QPSK	25	0	15.04	0.032	15.21	0.033	15.14	0.033
5	16QAM	1	0	15.23	0.033	15.55	0.036	15.42	0.035
5	16QAM	1	12	15.45	0.035	15.53	0.036	15.31	0.034
5	16QAM	1	24	15.38	0.035	15.28	0.034	15.32	0.034
5	16QAM	12	0	14.17	0.026	14.29	0.027	14.25	0.027
5	16QAM	12	7	14.36	0.027	14.21	0.026	14.23	0.026
5	16QAM	12	13	14.25	0.027	14.23	0.026	14.23	0.026
5	16QAM	25	0	14.20	0.026	14.08	0.026	14.06	0.025
5	64QAM	1	0	15.32	0.034	15.21	0.033	15.18	0.033
5	64QAM	1	12	15.34	0.034	15.37	0.034	15.15	0.033
5	64QAM	1	24	15.04	0.032	15.27	0.034	15.24	0.033
5	64QAM	12	0	14.19	0.026	14.12	0.026	14.15	0.026
5	64QAM	12	7	14.31	0.027	14.34	0.027	14.31	0.027
5	64QAM	12	13	14.10	0.026	14.10	0.026	14.19	0.026
5	64QAM	25	0	14.20	0.026	14.15	0.026	14.15	0.026

LTE Band 18				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23965		23970		23975	
Frequency (MHz)				826.5		827		827.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	17.34	0.054	17.26	0.053	17.38	0.055
5	QPSK	1	12	17.41	0.055	17.38	0.055	17.43	0.055
5	QPSK	1	24	17.21	0.053	17.19	0.052	17.25	0.053
5	QPSK	12	0	16.41	0.044	16.39	0.044	16.46	0.044
5	QPSK	12	7	16.25	0.042	16.29	0.043	16.37	0.043
5	QPSK	12	13	16.30	0.043	16.26	0.042	16.35	0.043
5	QPSK	25	0	16.24	0.042	16.22	0.042	16.33	0.043
5	16QAM	1	0	16.32	0.043	16.30	0.043	16.38	0.043
5	16QAM	1	12	16.21	0.042	16.27	0.042	16.28	0.042
5	16QAM	1	24	16.45	0.044	16.46	0.044	16.47	0.044
5	16QAM	12	0	15.35	0.034	15.30	0.034	15.39	0.035
5	16QAM	12	7	15.37	0.034	15.39	0.035	15.41	0.035
5	16QAM	12	13	15.23	0.033	15.26	0.034	15.27	0.034
5	16QAM	25	0	15.34	0.034	15.36	0.034	15.46	0.035
5	64QAM	1	0	16.44	0.044	16.45	0.044	16.53	0.045
5	64QAM	1	12	16.44	0.044	16.40	0.044	16.48	0.044
5	64QAM	1	24	16.31	0.043	16.21	0.042	16.32	0.043
5	64QAM	12	0	15.37	0.034	15.34	0.034	15.43	0.035
5	64QAM	12	7	15.32	0.034	15.31	0.034	15.39	0.035
5	64QAM	12	13	15.35	0.034	15.36	0.034	15.47	0.035
5	64QAM	25	0	15.32	0.034	15.39	0.035	15.40	0.035

LTE Band19				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				/		24075		/	
Frequency (MHz)				/		837.5		/	
				/	/	dbm	W	/	/
15	QPSK	1	0	/	/	17.33	0.054	/	/
15	QPSK	1	37	/	/	17.30	0.054	/	/
15	QPSK	1	74	/	/	17.20	0.052	/	/
15	QPSK	36	0	/	/	16.39	0.044	/	/
15	QPSK	36	20	/	/	16.33	0.043	/	/
15	QPSK	36	39	/	/	16.34	0.043	/	/
15	QPSK	75	0	/	/	16.27	0.042	/	/
15	16QAM	1	0	/	/	16.31	0.043	/	/
15	16QAM	1	37	/	/	16.24	0.042	/	/
15	16QAM	1	74	/	/	16.29	0.043	/	/
15	16QAM	36	0	/	/	15.34	0.034	/	/
15	16QAM	36	20	/	/	15.41	0.035	/	/
15	16QAM	36	39	/	/	15.27	0.034	/	/
15	16QAM	75	0	/	/	15.43	0.035	/	/
15	64QAM	1	0	/	/	16.38	0.043	/	/
15	64QAM	1	37	/	/	16.43	0.044	/	/
15	64QAM	1	74	/	/	16.41	0.044	/	/
15	64QAM	36	0	/	/	15.32	0.034	/	/
15	64QAM	36	20	/	/	15.34	0.034	/	/
15	64QAM	36	39	/	/	15.36	0.034	/	/
15	64QAM	75	0	/	/	15.26	0.034	/	/

LTE Band19				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				24050		24075		24100	
Frequency (MHz)				835		837.5		840	
				dbm	W	dbm	W	dbm	W
10	QPSK	1	0	17.26	0.053	17.29	0.054	17.12	0.052
10	QPSK	1	25	17.00	0.050	17.24	0.053	17.25	0.053
10	QPSK	1	49	17.04	0.051	17.08	0.051	17.03	0.050
10	QPSK	25	0	16.21	0.042	16.28	0.042	16.14	0.041
10	QPSK	25	12	16.11	0.041	16.22	0.042	16.07	0.040
10	QPSK	25	25	16.05	0.040	16.26	0.042	16.16	0.041
10	QPSK	50	0	16.03	0.040	16.21	0.042	16.12	0.041
10	16QAM	1	0	16.12	0.041	16.22	0.042	16.06	0.040
10	16QAM	1	25	16.01	0.040	16.19	0.042	15.94	0.039
10	16QAM	1	49	16.10	0.041	16.27	0.042	16.08	0.041
10	16QAM	25	0	15.18	0.033	15.31	0.034	15.18	0.033
10	16QAM	25	12	15.08	0.032	15.32	0.034	15.10	0.032
10	16QAM	25	25	15.15	0.033	15.20	0.033	15.07	0.032
10	16QAM	50	0	15.22	0.033	15.39	0.035	15.15	0.033
10	64QAM	1	0	16.04	0.040	16.24	0.042	16.20	0.042
10	64QAM	1	12	16.21	0.042	16.37	0.043	16.23	0.042
10	64QAM	1	24	16.13	0.041	16.34	0.043	16.13	0.041
10	64QAM	12	0	15.15	0.033	15.29	0.034	15.24	0.033
10	64QAM	12	7	15.07	0.032	15.21	0.033	15.16	0.033
10	64QAM	12	13	15.06	0.032	15.22	0.033	15.21	0.033
10	64QAM	25	0	15.20	0.033	15.24	0.033	15.11	0.032

LTE Band19				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				24025		24075		24125	
Frequency (MHz)				832.5		837.5		842.5	
				dbm	W	dbm	W	dbm	W
5	QPSK	1	0	17.21	0.053	17.28	0.053	17.20	0.052
5	QPSK	1	12	16.97	0.050	17.24	0.053	17.12	0.052
5	QPSK	1	24	17.04	0.051	17.12	0.052	17.09	0.051
5	QPSK	12	0	16.18	0.041	16.27	0.042	16.17	0.041
5	QPSK	12	7	16.06	0.040	16.32	0.043	16.14	0.041
5	QPSK	12	13	16.05	0.040	16.24	0.042	16.18	0.041
5	QPSK	25	0	15.99	0.040	16.20	0.042	16.12	0.041
5	16QAM	1	0	15.98	0.040	16.27	0.042	16.10	0.041
5	16QAM	1	12	16.00	0.040	16.23	0.042	16.06	0.040
5	16QAM	1	24	16.09	0.041	16.25	0.042	16.20	0.042
5	16QAM	12	0	15.18	0.033	15.31	0.034	15.22	0.033
5	16QAM	12	7	15.12	0.033	15.28	0.034	15.00	0.032
5	16QAM	12	13	15.19	0.033	15.25	0.033	14.96	0.031
5	16QAM	25	0	15.17	0.033	15.41	0.035	15.15	0.033
5	64QAM	1	0	16.03	0.040	16.24	0.042	16.25	0.042
5	64QAM	1	12	16.10	0.041	16.39	0.044	16.30	0.043
5	64QAM	1	24	16.06	0.040	16.27	0.042	16.10	0.041
5	64QAM	12	0	15.16	0.033	15.26	0.034	15.20	0.033
5	64QAM	12	7	15.16	0.033	15.27	0.034	15.12	0.033
5	64QAM	12	13	15.11	0.032	15.28	0.034	15.18	0.033
5	64QAM	25	0	15.09	0.032	15.24	0.033	15.06	0.032

LTE Band26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26865		26915		26965	
Frequency (MHz)				831.5		836.5		841.5	
				dbm	W	dbm	W	dbm	W
15	QPSK	1	0	17.48	0.056	17.44	0.055	17.45	0.056
15	QPSK	1	37	17.17	0.052	17.05	0.051	17.38	0.055
15	QPSK	1	74	17.35	0.054	17.32	0.054	17.32	0.054
15	QPSK	36	0	16.40	0.044	16.39	0.044	16.39	0.044
15	QPSK	36	20	16.32	0.043	16.22	0.042	16.33	0.043
15	QPSK	36	39	16.37	0.043	16.36	0.043	16.34	0.043
15	QPSK	75	0	16.36	0.043	16.31	0.043	16.27	0.042
15	16QAM	1	0	16.38	0.043	16.29	0.043	16.57	0.045
15	16QAM	1	37	16.56	0.045	16.45	0.044	16.21	0.042
15	16QAM	1	74	16.46	0.044	16.38	0.043	16.32	0.043
15	16QAM	36	0	15.48	0.035	15.46	0.035	15.38	0.035
15	16QAM	36	20	15.47	0.035	15.43	0.035	15.43	0.035
15	16QAM	36	39	15.33	0.034	15.21	0.033	15.55	0.036
15	16QAM	75	0	15.44	0.035	15.38	0.035	15.47	0.035
15	64QAM	1	0	16.59	0.046	16.52	0.045	16.34	0.043
15	64QAM	1	37	16.52	0.045	16.40	0.044	16.22	0.042
15	64QAM	1	74	16.50	0.045	16.44	0.044	16.36	0.043
15	64QAM	36	0	15.39	0.035	15.27	0.034	15.31	0.034
15	64QAM	36	20	15.45	0.035	15.40	0.035	15.52	0.036
15	64QAM	36	39	15.43	0.035	15.39	0.035	15.39	0.035
15	64QAM	75	0	15.56	0.036	15.54	0.036	15.40	0.035

LTE Band26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26840		26915		26990	
Frequency (MHz)				829.0		836.5		844.0	
				dbm	W	dbm	W	dbm	W
10	QPSK	1	0	17.27	0.053	17.31	0.054	17.36	0.054
10	QPSK	1	25	17.21	0.053	17.25	0.053	17.29	0.054
10	QPSK	1	49	17.12	0.052	17.10	0.051	17.22	0.053
10	QPSK	25	0	16.27	0.042	16.33	0.043	16.36	0.043
10	QPSK	25	12	16.20	0.042	16.27	0.042	16.29	0.043
10	QPSK	25	25	16.38	0.043	16.31	0.043	16.43	0.044
10	QPSK	50	0	16.34	0.043	16.30	0.043	16.42	0.044
10	16QAM	1	0	16.36	0.043	16.36	0.043	16.43	0.044
10	16QAM	1	25	16.07	0.040	16.10	0.041	16.13	0.041
10	16QAM	1	49	16.14	0.041	16.13	0.041	16.22	0.042
10	16QAM	25	0	15.23	0.033	15.28	0.034	15.35	0.034
10	16QAM	25	12	15.31	0.034	15.29	0.034	15.40	0.035
10	16QAM	25	25	15.38	0.035	15.42	0.035	15.44	0.035
10	16QAM	50	0	15.28	0.034	15.27	0.034	15.36	0.034
10	64QAM	1	0	16.12	0.041	16.10	0.041	16.22	0.042
10	64QAM	1	25	16.12	0.041	16.14	0.041	16.21	0.042
10	64QAM	1	49	16.20	0.042	16.25	0.042	16.31	0.043
10	64QAM	25	0	15.12	0.033	15.14	0.033	15.21	0.033
10	64QAM	25	12	15.44	0.035	15.38	0.035	15.46	0.035
10	64QAM	25	25	15.30	0.034	15.29	0.034	15.37	0.034
10	64QAM	50	0	15.24	0.033	15.19	0.033	15.31	0.034

LTE Band26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26815		26915		27015	
Frequency (MHz)				826.5		836.5		846.5	
				dbm	W	dbm	W	dbm	W
5	QPSK	1	0	17.33	0.054	17.38	0.055	17.42	0.055
5	QPSK	1	12	17.24	0.053	17.21	0.053	17.26	0.053
5	QPSK	1	24	17.11	0.051	17.16	0.052	17.22	0.053
5	QPSK	12	0	16.13	0.041	16.21	0.042	16.25	0.042
5	QPSK	12	7	16.19	0.042	16.24	0.042	16.30	0.043
5	QPSK	12	13	16.29	0.043	16.27	0.042	16.37	0.043
5	QPSK	25	0	16.40	0.044	16.35	0.043	16.45	0.044
5	16QAM	1	0	16.41	0.044	16.43	0.044	16.53	0.045
5	16QAM	1	12	16.03	0.040	16.07	0.040	16.15	0.041
5	16QAM	1	24	16.09	0.041	16.13	0.041	16.21	0.042
5	16QAM	12	0	15.23	0.033	15.19	0.033	15.30	0.034
5	16QAM	12	7	15.33	0.034	15.31	0.034	15.34	0.034
5	16QAM	12	13	15.53	0.036	15.50	0.035	15.54	0.036
5	16QAM	25	0	15.31	0.034	15.38	0.035	15.39	0.035
5	64QAM	1	0	16.21	0.042	16.20	0.042	16.30	0.043
5	64QAM	1	12	16.17	0.041	16.10	0.041	16.19	0.042
5	64QAM	1	24	16.20	0.042	16.20	0.042	16.23	0.042
5	64QAM	12	0	15.19	0.033	15.22	0.033	15.25	0.033
5	64QAM	12	7	15.34	0.034	15.35	0.034	15.45	0.035
5	64QAM	12	13	15.22	0.033	15.22	0.033	15.30	0.034
5	64QAM	25	0	15.19	0.033	15.26	0.034	15.31	0.034

LTE Band26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26805		26915		27025	
Frequency (MHz)				825.5		836.5		847.5	
				dbm	W	dbm	W	dbm	W
3	QPSK	1	0	17.29	0.054	17.36	0.054	17.37	0.055
3	QPSK	1	8	17.16	0.052	17.18	0.052	17.26	0.053
3	QPSK	1	14	17.15	0.052	17.07	0.051	17.19	0.052
3	QPSK	8	0	16.15	0.041	16.15	0.041	16.26	0.042
3	QPSK	8	4	16.13	0.041	16.13	0.041	16.23	0.042
3	QPSK	8	7	16.33	0.043	16.32	0.043	16.43	0.044
3	QPSK	15	0	16.25	0.042	16.30	0.043	16.36	0.043
3	16QAM	1	0	16.45	0.044	16.47	0.044	16.51	0.045
3	16QAM	1	8	16.07	0.040	16.14	0.041	16.19	0.042
3	16QAM	1	14	16.15	0.041	16.09	0.041	16.21	0.042
3	16QAM	8	0	15.18	0.033	15.18	0.033	15.27	0.034
3	16QAM	8	4	15.24	0.033	15.23	0.033	15.35	0.034
3	16QAM	8	7	15.41	0.035	15.42	0.035	15.45	0.035
3	16QAM	15	0	15.35	0.034	15.33	0.034	15.37	0.034
3	64QAM	1	0	16.24	0.042	16.21	0.042	16.33	0.043
3	64QAM	1	8	16.06	0.040	16.07	0.040	16.17	0.041
3	64QAM	1	14	16.19	0.042	16.29	0.043	16.31	0.043
3	64QAM	8	0	15.23	0.033	15.20	0.033	15.27	0.034
3	64QAM	8	4	15.40	0.035	15.43	0.035	15.51	0.036
3	64QAM	8	7	15.19	0.033	15.15	0.033	15.27	0.034
3	64QAM	15	0	15.14	0.033	15.23	0.033	15.25	0.033

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	17.30	0.054	17.25	0.053	17.33	0.054
1.4	QPSK	1	3	17.21	0.053	17.24	0.053	17.27	0.053
1.4	QPSK	1	5	17.13	0.052	17.08	0.051	17.19	0.052
1.4	QPSK	3	0	16.21	0.042	16.24	0.042	16.32	0.043
1.4	QPSK	3	1	16.12	0.041	16.17	0.041	16.23	0.042
1.4	QPSK	3	3	16.39	0.044	16.29	0.043	16.40	0.044
1.4	QPSK	6	0	16.31	0.043	16.34	0.043	16.43	0.044
1.4	16QAM	1	0	16.51	0.045	16.48	0.044	16.54	0.045
1.4	16QAM	1	3	16.13	0.041	16.08	0.041	16.17	0.041
1.4	16QAM	1	5	16.24	0.042	16.17	0.041	16.27	0.042
1.4	16QAM	3	0	15.22	0.033	15.21	0.033	15.29	0.034
1.4	16QAM	3	1	15.33	0.034	15.40	0.035	15.42	0.035
1.4	16QAM	3	3	15.39	0.035	15.43	0.035	15.49	0.035
1.4	16QAM	6	0	15.31	0.034	15.28	0.034	15.33	0.034
1.4	64QAM	1	0	16.21	0.042	16.30	0.043	16.31	0.043
1.4	64QAM	1	3	16.11	0.041	16.14	0.041	16.19	0.042
1.4	64QAM	1	5	16.23	0.042	16.25	0.042	16.34	0.043
1.4	64QAM	3	0	15.14	0.033	15.09	0.032	15.16	0.033
1.4	64QAM	3	1	15.39	0.035	15.33	0.034	15.42	0.035
1.4	64QAM	3	3	15.30	0.034	15.31	0.034	15.38	0.035
1.4	64QAM	6	0	15.26	0.034	15.30	0.034	15.36	0.034

LTE Band 38				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				37850		38000		38150	
Frequency (MHz)				2580		2595		2610	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	21.10	0.129	21.25	0.133	21.20	0.132
20	QPSK	1	49	21.13	0.130	21.04	0.127	21.18	0.131
20	QPSK	1	99	21.04	0.127	21.10	0.129	21.08	0.128
20	QPSK	50	0	20.08	0.102	20.13	0.103	20.06	0.101
20	QPSK	50	24	20.10	0.102	20.09	0.102	20.01	0.100
20	QPSK	50	50	20.06	0.101	20.06	0.101	20.02	0.100
20	QPSK	100	0	19.99	0.100	20.05	0.101	20.10	0.102
20	16QAM	1	0	20.30	0.107	20.21	0.105	20.33	0.108
20	16QAM	1	49	20.31	0.107	20.43	0.110	20.03	0.101
20	16QAM	1	99	20.27	0.106	20.20	0.105	20.06	0.101
20	16QAM	50	0	19.13	0.082	19.21	0.083	19.18	0.083
20	16QAM	50	24	19.29	0.085	19.34	0.086	19.18	0.083
20	16QAM	50	50	19.23	0.084	19.06	0.081	19.35	0.086
20	16QAM	100	0	19.06	0.081	19.26	0.084	19.31	0.085
20	64QAM	1	0	20.18	0.104	20.07	0.102	20.17	0.104
20	64QAM	1	49	20.18	0.104	20.32	0.108	19.95	0.099
20	64QAM	1	99	20.17	0.104	20.30	0.107	20.11	0.103
20	64QAM	50	0	19.21	0.083	19.25	0.084	19.16	0.082
20	64QAM	50	24	19.11	0.081	19.28	0.085	19.32	0.086
20	64QAM	50	50	19.30	0.085	19.23	0.084	19.12	0.082
20	64QAM	100	0	19.10	0.081	19.43	0.088	19.27	0.085

LTE Band 38				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				37825		38000		38175	
Frequency (MHz)				2577.5		2595		2612.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	21.09	0.129	21.22	0.132	21.16	0.131
15	QPSK	1	37	21.15	0.130	20.84	0.121	21.15	0.130
15	QPSK	1	74	21.04	0.127	21.08	0.128	21.17	0.131
15	QPSK	36	0	20.18	0.104	20.12	0.103	20.24	0.106
15	QPSK	36	20	20.22	0.105	20.16	0.104	20.06	0.101
15	QPSK	36	39	20.14	0.103	20.29	0.107	20.20	0.105
15	QPSK	75	0	20.14	0.103	20.06	0.101	20.13	0.103
15	16QAM	1	0	20.26	0.106	20.19	0.104	20.28	0.107
15	16QAM	1	37	20.25	0.106	20.33	0.108	20.03	0.101
15	16QAM	1	74	20.28	0.107	20.11	0.103	20.06	0.101
15	16QAM	36	0	19.15	0.082	19.19	0.083	19.15	0.082
15	16QAM	36	20	19.22	0.084	19.30	0.085	19.10	0.081
15	16QAM	36	39	19.18	0.083	18.98	0.079	19.34	0.086
15	16QAM	75	0	19.04	0.080	19.19	0.083	19.26	0.084
15	64QAM	1	0	20.28	0.107	20.35	0.108	20.09	0.102
15	64QAM	1	37	20.13	0.103	20.28	0.107	19.93	0.098
15	64QAM	1	74	20.19	0.104	20.33	0.108	20.06	0.101
15	64QAM	36	0	19.11	0.081	19.23	0.084	19.10	0.081
15	64QAM	36	20	19.12	0.082	19.31	0.085	19.34	0.086
15	64QAM	36	39	19.31	0.085	19.23	0.084	19.08	0.081
15	64QAM	75	0	19.13	0.082	19.34	0.086	19.31	0.085

LTE Band 38				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				37800		38000		38200	
Frequency (MHz)				2575		2595		2615	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	21.00	0.126	21.13	0.130	21.14	0.130
10	QPSK	1	25	21.05	0.127	20.86	0.122	21.09	0.129
10	QPSK	1	49	21.05	0.127	21.13	0.130	21.21	0.132
10	QPSK	25	0	20.08	0.102	20.06	0.101	20.17	0.104
10	QPSK	25	12	20.12	0.103	20.09	0.102	20.10	0.102
10	QPSK	25	25	20.24	0.106	20.33	0.108	20.16	0.104
10	QPSK	50	0	20.21	0.105	20.09	0.102	20.10	0.102
10	16QAM	1	0	20.33	0.108	20.25	0.106	20.35	0.108
10	16QAM	1	25	20.26	0.106	20.36	0.109	19.94	0.099
10	16QAM	1	49	20.24	0.106	20.15	0.104	19.97	0.099
10	16QAM	25	0	19.14	0.082	19.23	0.084	19.11	0.081
10	16QAM	25	12	19.29	0.085	19.30	0.085	19.11	0.081
10	16QAM	25	25	19.16	0.082	19.05	0.080	19.32	0.086
10	16QAM	50	0	18.99	0.079	19.24	0.084	19.23	0.084
10	64QAM	1	0	20.30	0.107	20.38	0.109	20.20	0.105
10	64QAM	1	25	20.09	0.102	20.25	0.106	19.95	0.099
10	64QAM	1	49	20.10	0.102	20.23	0.105	20.03	0.101
10	64QAM	25	0	19.25	0.084	19.27	0.085	19.07	0.081
10	64QAM	25	12	19.08	0.081	19.23	0.084	19.29	0.085
10	64QAM	25	25	19.33	0.086	19.26	0.084	19.03	0.080
10	64QAM	50	0	19.06	0.081	19.42	0.087	19.28	0.085

LTE Band 38				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				37775		38000		38225	
Frequency (MHz)				2572.5		2595		2617.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	21.09	0.129	21.17	0.131	21.16	0.131
5	QPSK	1	12	21.03	0.127	20.96	0.125	21.19	0.132
5	QPSK	1	24	21.06	0.128	21.02	0.126	21.11	0.129
5	QPSK	12	0	20.18	0.104	20.17	0.104	20.30	0.107
5	QPSK	12	7	20.13	0.103	20.21	0.105	20.15	0.104
5	QPSK	12	13	20.23	0.105	20.29	0.107	20.17	0.104
5	QPSK	25	0	20.21	0.105	20.18	0.104	20.15	0.104
5	16QAM	1	0	20.26	0.106	20.22	0.105	20.26	0.106
5	16QAM	1	12	20.23	0.105	20.47	0.111	20.02	0.100
5	16QAM	1	24	20.20	0.105	20.16	0.104	20.08	0.102
5	16QAM	12	0	19.08	0.081	19.12	0.082	19.19	0.083
5	16QAM	12	7	19.23	0.084	19.24	0.084	19.14	0.082
5	16QAM	12	13	19.26	0.084	18.96	0.079	19.27	0.085
5	16QAM	25	0	19.09	0.081	19.30	0.085	19.25	0.084
5	64QAM	1	0	20.18	0.104	20.35	0.108	20.21	0.001
5	64QAM	1	12	20.13	0.103	20.30	0.107	19.99	0.001
5	64QAM	1	24	20.21	0.105	20.27	0.106	20.10	0.001
5	64QAM	12	0	19.19	0.083	19.28	0.085	19.11	0.001
5	64QAM	12	7	19.02	0.080	19.24	0.084	19.26	0.001
5	64QAM	12	13	19.30	0.085	19.26	0.084	19.06	0.001
5	64QAM	25	0	19.13	0.082	19.34	0.086	19.17	0.001

LTE Band 40, Block A				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				/		38750		/	
Frequency (MHz)				/		2310		/	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	/	/	22.11	0.163	/	/
10	QPSK	1	25	/	/	21.92	0.156	/	/
10	QPSK	1	49	/	/	21.98	0.158	/	/
10	QPSK	25	0	/	/	21.14	0.130	/	/
10	QPSK	25	12	/	/	21.12	0.129	/	/
10	QPSK	25	25	/	/	21.09	0.129	/	/
10	QPSK	50	0	/	/	21.06	0.128	/	/
10	16QAM	1	0	/	/	21.15	0.130	/	/
10	16QAM	1	25	/	/	21.13	0.130	/	/
10	16QAM	1	49	/	/	21.19	0.132	/	/
10	16QAM	25	0	/	/	20.17	0.104	/	/
10	16QAM	25	12	/	/	20.25	0.106	/	/
10	16QAM	25	25	/	/	20.23	0.105	/	/
10	16QAM	50	0	/	/	20.09	0.102	/	/
10	64QAM	1	0	/	/	21.27	0.134	/	/
10	64QAM	1	25	/	/	21.29	0.135	/	/
10	64QAM	1	49	/	/	20.99	0.126	/	/
10	64QAM	25	0	/	/	20.03	0.101	/	/
10	64QAM	25	12	/	/	20.29	0.107	/	/
10	64QAM	25	25	/	/	20.12	0.103	/	/
10	64QAM	50	0	/	/	20.22	0.105	/	/

LTE Band 40, Block A				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				38725		38750		38775	
Frequency (MHz)				2307.5		2310		2312.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	22.05	0.160	22.08	0.161	22.03	0.160
5	QPSK	1	12	21.97	0.157	21.93	0.156	22.00	0.158
5	QPSK	1	24	21.91	0.155	21.97	0.157	21.89	0.155
5	QPSK	12	0	21.03	0.127	21.02	0.126	21.00	0.126
5	QPSK	12	7	21.22	0.132	21.13	0.130	21.05	0.127
5	QPSK	12	13	21.19	0.132	21.12	0.129	21.10	0.129
5	QPSK	25	0	21.28	0.134	21.18	0.131	20.86	0.122
5	16QAM	1	0	21.46	0.140	21.42	0.139	21.44	0.139
5	16QAM	1	12	21.23	0.133	21.46	0.140	21.23	0.133
5	16QAM	1	24	21.34	0.136	21.37	0.137	21.09	0.129
5	16QAM	12	0	20.13	0.103	20.12	0.103	20.00	0.100
5	16QAM	12	7	20.20	0.105	20.01	0.100	19.99	0.100
5	16QAM	12	13	20.19	0.104	20.20	0.105	19.97	0.099
5	16QAM	25	0	20.05	0.101	20.12	0.103	19.92	0.098
5	64QAM	1	0	21.20	0.132	21.12	0.129	21.00	0.126
5	64QAM	1	12	21.26	0.134	21.15	0.130	20.94	0.124
5	64QAM	1	24	20.95	0.124	21.21	0.132	21.13	0.130
5	64QAM	12	0	20.10	0.102	20.20	0.105	19.98	0.100
5	64QAM	12	7	20.25	0.106	20.05	0.101	20.10	0.102
5	64QAM	12	13	20.12	0.103	20.14	0.103	20.13	0.103
5	64QAM	25	0	20.11	0.103	20.16	0.104	19.97	0.099

LTE Band 40, Block B				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				/		39200		/	
Frequency (MHz)				/		2355		/	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	/	/	22.08	0.161	/	/
10	QPSK	1	25	/	/	22.01	0.159	/	/
10	QPSK	1	49	/	/	21.92	0.156	/	/
10	QPSK	25	0	/	/	20.88	0.122	/	/
10	QPSK	25	12	/	/	20.83	0.121	/	/
10	QPSK	25	25	/	/	20.80	0.120	/	/
10	QPSK	50	0	/	/	20.86	0.122	/	/
10	16QAM	1	0	/	/	21.35	0.136	/	/
10	16QAM	1	25	/	/	21.28	0.134	/	/
10	16QAM	1	49	/	/	21.10	0.129	/	/
10	16QAM	25	0	/	/	20.06	0.101	/	/
10	16QAM	25	12	/	/	20.07	0.102	/	/
10	16QAM	25	25	/	/	19.98	0.100	/	/
10	16QAM	50	0	/	/	19.93	0.098	/	/
10	64QAM	1	0	/	/	20.99	0.126	/	/
10	64QAM	1	25	/	/	20.93	0.124	/	/
10	64QAM	1	49	/	/	21.08	0.128	/	/
10	64QAM	25	0	/	/	20.11	0.103	/	/
10	64QAM	25	12	/	/	20.09	0.102	/	/
10	64QAM	25	25	/	/	20.02	0.100	/	/
10	64QAM	50	0	/	/	19.96	0.099	/	/

LTE Band 40, Block B				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39175		39200		39225	
Frequency (MHz)				2352.5		2355		2357.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	22.00	0.158	22.06	0.161	22.03	0.160
5	QPSK	1	12	21.95	0.157	21.94	0.156	21.98	0.158
5	QPSK	1	24	21.89	0.155	21.96	0.157	21.89	0.155
5	QPSK	12	0	21.07	0.128	21.06	0.128	21.02	0.126
5	QPSK	12	7	21.12	0.129	21.09	0.129	21.12	0.129
5	QPSK	12	13	21.14	0.130	21.10	0.129	21.04	0.127
5	QPSK	25	0	21.26	0.134	21.17	0.131	20.87	0.122
5	16QAM	1	0	21.45	0.140	21.36	0.137	21.38	0.137
5	16QAM	1	12	21.20	0.132	21.40	0.138	21.23	0.133
5	16QAM	1	24	21.35	0.136	21.39	0.138	21.07	0.128
5	16QAM	12	0	20.14	0.103	20.09	0.102	19.99	0.100
5	16QAM	12	7	20.19	0.104	20.00	0.100	20.09	0.102
5	16QAM	12	13	20.19	0.104	20.12	0.103	20.08	0.102
5	16QAM	25	0	20.09	0.102	20.19	0.104	19.99	0.100
5	64QAM	1	0	21.27	0.134	21.21	0.132	20.93	0.124
5	64QAM	1	12	21.31	0.135	21.06	0.128	20.92	0.124
5	64QAM	1	24	20.92	0.124	21.36	0.137	21.12	0.129
5	64QAM	12	0	20.01	0.100	20.25	0.106	19.97	0.099
5	64QAM	12	7	20.18	0.104	20.11	0.103	20.09	0.102
5	64QAM	12	13	20.15	0.104	20.24	0.106	20.11	0.103
5	64QAM	25	0	20.19	0.104	20.07	0.102	19.95	0.099

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	21.42	0.139	21.61	0.145	21.46	0.140
20	QPSK	1	49	21.41	0.138	21.45	0.140	21.45	0.140
20	QPSK	1	99	21.40	0.138	21.40	0.138	21.45	0.140
20	QPSK	50	0	20.45	0.111	20.63	0.116	20.56	0.114
20	QPSK	50	24	20.58	0.114	20.60	0.115	20.55	0.114
20	QPSK	50	50	20.55	0.114	20.59	0.115	20.49	0.112
20	QPSK	100	0	20.59	0.115	20.60	0.115	20.56	0.114
20	16QAM	1	0	20.88	0.122	20.97	0.125	20.84	0.121
20	16QAM	1	49	20.70	0.117	20.95	0.124	20.70	0.117
20	16QAM	1	99	20.66	0.116	20.89	0.123	20.55	0.114
20	16QAM	50	0	19.55	0.090	19.76	0.095	19.48	0.089
20	16QAM	50	24	19.54	0.090	19.61	0.091	19.47	0.089
20	16QAM	50	50	19.51	0.089	19.63	0.092	19.55	0.090
20	16QAM	100	0	19.54	0.090	19.60	0.091	19.56	0.090
20	64QAM	1	0	20.60	0.115	20.85	0.122	20.54	0.113
20	64QAM	1	49	20.63	0.116	20.60	0.115	20.62	0.115
20	64QAM	1	99	20.52	0.113	20.70	0.117	20.44	0.111
20	64QAM	50	0	19.52	0.090	19.67	0.093	19.61	0.091
20	64QAM	50	24	19.56	0.090	19.63	0.092	19.65	0.092
20	64QAM	50	50	19.53	0.090	19.62	0.092	19.53	0.090
20	64QAM	100	0	19.59	0.091	19.57	0.091	19.59	0.091

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	21.43	0.139	21.52	0.142	21.41	0.138
15	QPSK	1	37	21.52	0.142	21.38	0.137	21.42	0.139
15	QPSK	1	74	21.40	0.138	21.38	0.137	21.46	0.140
15	QPSK	36	0	20.44	0.111	20.57	0.114	20.48	0.112
15	QPSK	36	20	20.59	0.115	20.56	0.114	20.61	0.115
15	QPSK	36	39	20.63	0.116	20.65	0.116	20.58	0.114
15	QPSK	75	0	20.36	0.109	20.62	0.115	20.44	0.111
15	16QAM	1	0	20.79	0.120	20.89	0.123	20.85	0.122
15	16QAM	1	37	20.76	0.119	20.92	0.124	20.73	0.118
15	16QAM	1	74	20.52	0.113	20.97	0.125	20.65	0.116
15	16QAM	36	0	19.57	0.091	19.59	0.091	19.57	0.091
15	16QAM	36	20	19.53	0.090	19.60	0.091	19.60	0.091
15	16QAM	36	39	19.54	0.090	19.60	0.091	19.50	0.089
15	16QAM	75	0	19.48	0.089	19.63	0.092	19.52	0.090
15	64QAM	1	0	20.42	0.110	20.92	0.124	20.50	0.112
15	64QAM	1	37	20.49	0.112	20.58	0.114	20.51	0.112
15	64QAM	1	74	20.59	0.115	20.85	0.122	20.61	0.115
15	64QAM	36	0	19.56	0.090	19.69	0.093	19.51	0.089
15	64QAM	36	20	19.56	0.090	19.56	0.090	19.50	0.089
15	64QAM	36	39	19.49	0.089	19.60	0.091	19.57	0.091
15	64QAM	75	0	19.53	0.090	19.64	0.092	19.41	0.087

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	21.47	0.140	21.56	0.143	21.47	0.140
10	QPSK	1	25	21.34	0.136	21.40	0.138	21.42	0.139
10	QPSK	1	49	21.42	0.139	21.38	0.137	21.45	0.140
10	QPSK	25	0	20.49	0.112	20.54	0.113	20.61	0.115
10	QPSK	25	12	20.75	0.119	20.63	0.116	20.74	0.119
10	QPSK	25	25	20.69	0.117	20.60	0.115	20.64	0.116
10	QPSK	50	0	20.69	0.117	20.60	0.115	20.65	0.116
10	16QAM	1	0	20.82	0.121	20.95	0.124	20.85	0.122
10	16QAM	1	25	20.69	0.117	20.92	0.124	20.67	0.117
10	16QAM	1	49	20.81	0.121	20.85	0.122	20.80	0.120
10	16QAM	25	0	19.55	0.090	19.62	0.092	19.66	0.092
10	16QAM	25	12	19.65	0.092	19.64	0.092	19.73	0.094
10	16QAM	25	25	19.74	0.094	19.68	0.093	19.68	0.093
10	16QAM	50	0	19.56	0.090	19.65	0.092	19.61	0.091
10	64QAM	1	0	20.48	0.112	20.65	0.116	20.45	0.111
10	64QAM	1	25	20.42	0.110	20.59	0.115	20.45	0.111
10	64QAM	1	49	20.54	0.113	20.78	0.120	20.51	0.112
10	64QAM	25	0	19.52	0.090	19.62	0.092	19.57	0.091
10	64QAM	25	12	19.60	0.091	19.60	0.091	19.59	0.091
10	64QAM	25	25	19.50	0.089	19.64	0.092	19.62	0.092
10	64QAM	50	0	19.41	0.087	19.55	0.090	19.40	0.087

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	21.47	0.140	21.56	0.143	21.48	0.141
5	QPSK	1	12	21.44	0.139	21.33	0.136	21.52	0.142
5	QPSK	1	24	21.43	0.139	21.42	0.139	21.46	0.140
5	QPSK	12	0	20.51	0.112	20.55	0.114	20.41	0.110
5	QPSK	12	7	20.58	0.114	20.55	0.114	20.61	0.115
5	QPSK	12	13	20.53	0.113	20.60	0.115	20.55	0.114
5	QPSK	25	0	20.44	0.111	20.67	0.117	20.41	0.110
5	16QAM	1	0	20.79	0.120	20.97	0.125	20.81	0.121
5	16QAM	1	12	20.68	0.117	20.81	0.121	20.73	0.118
5	16QAM	1	24	20.53	0.113	20.78	0.120	20.60	0.115
5	16QAM	12	0	19.51	0.089	19.55	0.090	19.62	0.092
5	16QAM	12	7	19.59	0.091	19.54	0.090	19.58	0.091
5	16QAM	12	13	19.59	0.091	19.57	0.091	19.48	0.089
5	16QAM	25	0	19.48	0.089	19.63	0.092	19.48	0.089
5	64QAM	1	0	20.51	0.112	20.69	0.117	20.52	0.113
5	64QAM	1	12	20.50	0.112	20.66	0.116	20.48	0.112
5	64QAM	1	24	20.54	0.113	20.83	0.121	20.56	0.114
5	64QAM	12	0	19.48	0.089	19.74	0.094	19.58	0.091
5	64QAM	12	7	19.54	0.090	19.59	0.091	19.57	0.091
5	64QAM	12	13	19.59	0.091	19.60	0.091	19.57	0.091
5	64QAM	25	0	19.52	0.090	19.61	0.091	19.53	0.090

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	21.57	0.144	21.76	0.150	21.71	0.148
20	QPSK	1	49	21.60	0.145	21.41	0.138	21.65	0.146
20	QPSK	1	99	21.51	0.142	21.57	0.144	21.65	0.146
20	QPSK	50	0	20.55	0.114	20.60	0.115	20.53	0.113
20	QPSK	50	24	20.57	0.114	20.53	0.113	20.59	0.115
20	QPSK	50	50	20.52	0.113	20.56	0.114	20.52	0.113
20	QPSK	100	0	20.56	0.114	20.58	0.114	20.57	0.114
20	16QAM	1	0	20.77	0.119	20.68	0.117	20.80	0.120
20	16QAM	1	49	20.78	0.120	20.90	0.123	20.50	0.112
20	16QAM	1	99	20.74	0.119	20.67	0.117	20.53	0.113
20	16QAM	50	0	19.60	0.091	19.68	0.093	19.65	0.092
20	16QAM	50	24	19.76	0.095	19.81	0.096	19.65	0.092
20	16QAM	50	50	19.70	0.093	19.53	0.090	19.82	0.096
20	16QAM	100	0	19.53	0.090	19.73	0.094	19.78	0.095
20	64QAM	1	0	20.74	0.119	20.82	0.121	20.64	0.116
20	64QAM	1	49	20.65	0.116	20.79	0.120	20.42	0.110
20	64QAM	1	99	20.64	0.116	20.77	0.119	20.58	0.114
20	64QAM	50	0	19.68	0.093	19.72	0.094	19.63	0.092
20	64QAM	50	24	19.58	0.091	19.75	0.094	19.79	0.095
20	64QAM	50	50	19.77	0.095	19.70	0.093	19.59	0.091
20	64QAM	100	0	19.57	0.091	19.90	0.098	19.74	0.094

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	21.49	0.141	21.70	0.148	21.64	0.146
15	QPSK	1	37	21.56	0.143	21.39	0.138	21.56	0.143
15	QPSK	1	74	21.51	0.142	21.57	0.144	21.59	0.144
15	QPSK	36	0	20.59	0.115	20.51	0.112	20.67	0.117
15	QPSK	36	20	20.59	0.115	20.66	0.116	20.53	0.113
15	QPSK	36	39	20.70	0.117	20.75	0.119	20.66	0.116
15	QPSK	75	0	20.70	0.117	20.65	0.116	20.63	0.116
15	16QAM	1	0	20.75	0.119	20.69	0.117	20.81	0.121
15	16QAM	1	37	20.72	0.118	20.80	0.120	20.51	0.112
15	16QAM	1	74	20.76	0.119	20.57	0.114	20.51	0.112
15	16QAM	36	0	19.64	0.092	19.63	0.092	19.66	0.092
15	16QAM	36	20	19.76	0.095	19.76	0.095	19.60	0.091
15	16QAM	36	39	19.71	0.094	19.57	0.091	19.76	0.095
15	16QAM	75	0	19.45	0.088	19.77	0.095	19.68	0.093
15	64QAM	1	0	20.73	0.118	20.85	0.122	20.54	0.113
15	64QAM	1	37	20.57	0.114	20.73	0.118	20.42	0.110
15	64QAM	1	74	20.58	0.114	20.74	0.119	20.60	0.115
15	64QAM	36	0	19.58	0.091	19.69	0.093	19.64	0.092
15	64QAM	36	20	19.53	0.090	19.70	0.093	19.75	0.094
15	64QAM	36	39	19.73	0.094	19.69	0.093	19.54	0.090
15	64QAM	75	0	19.59	0.091	19.89	0.097	19.71	0.094

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	21.54	0.143	21.65	0.146	21.61	0.145
10	QPSK	1	25	21.54	0.143	21.39	0.138	21.57	0.144
10	QPSK	1	49	21.48	0.141	21.47	0.140	21.55	0.143
10	QPSK	25	0	20.57	0.114	20.58	0.114	20.76	0.119
10	QPSK	25	12	20.57	0.114	20.60	0.115	20.64	0.116
10	QPSK	25	25	20.63	0.116	20.74	0.119	20.71	0.118
10	QPSK	50	0	20.59	0.115	20.53	0.113	20.60	0.115
10	16QAM	1	0	20.75	0.119	20.67	0.117	20.74	0.119
10	16QAM	1	25	20.81	0.121	20.89	0.123	20.46	0.111
10	16QAM	1	49	20.78	0.120	20.63	0.116	20.56	0.114
10	16QAM	25	0	19.55	0.090	19.61	0.091	19.61	0.091
10	16QAM	25	12	19.79	0.095	19.81	0.096	19.64	0.092
10	16QAM	25	25	19.71	0.094	19.51	0.089	19.80	0.095
10	16QAM	50	0	19.45	0.088	19.69	0.093	19.82	0.096
10	64QAM	1	0	20.64	0.116	20.92	0.124	20.68	0.117
10	64QAM	1	25	20.61	0.115	20.71	0.118	20.47	0.111
10	64QAM	1	49	20.57	0.114	20.68	0.117	20.53	0.113
10	64QAM	25	0	19.58	0.091	19.72	0.094	19.60	0.091
10	64QAM	25	12	19.60	0.091	19.71	0.094	19.74	0.094
10	64QAM	25	25	19.73	0.094	19.64	0.092	19.52	0.090
10	64QAM	50	0	19.47	0.089	19.81	0.096	19.66	0.092

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	21.50	0.141	21.68	0.147	21.70	0.148
5	QPSK	1	12	21.56	0.143	21.44	0.139	21.65	0.146
5	QPSK	1	24	21.54	0.143	21.57	0.144	21.60	0.145
5	QPSK	12	0	20.62	0.115	20.64	0.116	20.74	0.119
5	QPSK	12	7	20.59	0.115	20.68	0.117	20.55	0.114
5	QPSK	12	13	20.73	0.118	20.74	0.119	20.62	0.115
5	QPSK	25	0	20.68	0.117	20.65	0.116	20.64	0.116
5	16QAM	1	0	20.79	0.120	20.61	0.115	20.74	0.119
5	16QAM	1	12	20.76	0.119	20.80	0.120	20.51	0.112
5	16QAM	1	24	20.69	0.117	20.67	0.117	20.57	0.114
5	16QAM	12	0	19.50	0.089	19.66	0.092	19.68	0.093
5	16QAM	12	7	19.75	0.094	19.72	0.094	19.55	0.090
5	16QAM	12	13	19.63	0.092	19.54	0.090	19.84	0.096
5	16QAM	25	0	19.57	0.091	19.73	0.094	19.79	0.095
5	64QAM	1	0	20.70	0.117	20.85	0.122	20.68	0.117
5	64QAM	1	12	20.68	0.117	20.73	0.118	20.45	0.111
5	64QAM	1	24	20.61	0.115	20.69	0.117	20.56	0.114
5	64QAM	12	0	19.65	0.092	19.66	0.092	19.62	0.092
5	64QAM	12	7	19.50	0.089	19.77	0.095	19.72	0.094
5	64QAM	12	13	19.70	0.093	19.60	0.091	19.49	0.089
5	64QAM	25	0	19.51	0.089	19.93	0.098	19.65	0.092

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	21.49	0.141	21.62	0.145	21.67	0.147
3	QPSK	1	8	21.58	0.144	21.36	0.137	21.69	0.148
3	QPSK	1	14	21.53	0.142	21.48	0.141	21.61	0.145
3	QPSK	8	0	20.59	0.115	20.55	0.114	20.75	0.119
3	QPSK	8	4	20.63	0.116	20.66	0.116	20.51	0.112
3	QPSK	8	7	20.63	0.116	20.68	0.117	20.67	0.117
3	QPSK	15	0	20.63	0.116	20.63	0.116	20.59	0.115
3	16QAM	1	0	20.73	0.118	20.60	0.115	20.73	0.118
3	16QAM	1	8	20.72	0.118	20.82	0.121	20.48	0.112
3	16QAM	1	14	20.71	0.118	20.58	0.114	20.49	0.112
3	16QAM	8	0	19.63	0.092	19.68	0.093	19.59	0.091
3	16QAM	8	4	19.76	0.095	19.80	0.095	19.62	0.092
3	16QAM	8	7	19.60	0.091	19.46	0.088	19.80	0.095
3	16QAM	15	0	19.49	0.089	19.69	0.093	19.75	0.094
3	64QAM	1	0	20.76	0.119	20.93	0.124	20.58	0.114
3	64QAM	1	8	20.64	0.116	20.74	0.119	20.48	0.112
3	64QAM	1	14	20.62	0.115	20.80	0.120	20.49	0.112
3	64QAM	8	0	19.63	0.092	19.70	0.093	19.61	0.091
3	64QAM	8	4	19.51	0.089	19.74	0.094	19.70	0.093
3	64QAM	8	7	19.68	0.093	19.66	0.092	19.63	0.092
3	64QAM	15	0	19.60	0.091	19.92	0.098	19.65	0.092

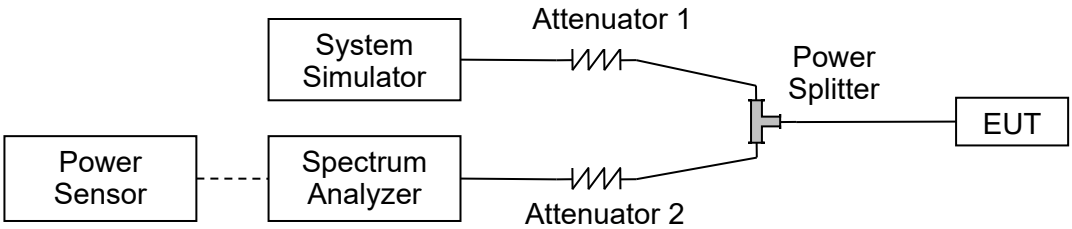
LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				131979		132322		132665	
Frequency (MHz)				1710.7		1745		1779.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	21.54	0.143	21.69	0.148	21.72	0.149
1.4	QPSK	1	3	21.55	0.143	21.40	0.138	21.66	0.147
1.4	QPSK	1	5	21.48	0.141	21.56	0.143	21.64	0.146
1.4	QPSK	3	0	20.61	0.115	20.63	0.116	20.70	0.117
1.4	QPSK	3	1	20.57	0.114	20.70	0.117	20.50	0.112
1.4	QPSK	3	3	20.62	0.115	20.80	0.120	20.64	0.116
1.4	QPSK	6	0	20.65	0.116	20.65	0.116	20.67	0.117
1.4	16QAM	1	0	20.78	0.120	20.63	0.116	20.82	0.121
1.4	16QAM	1	3	20.74	0.119	20.81	0.121	20.51	0.112
1.4	16QAM	1	5	20.74	0.119	20.62	0.115	20.57	0.114
1.4	16QAM	3	0	19.57	0.091	19.64	0.092	19.64	0.092
1.4	16QAM	3	1	19.78	0.095	19.71	0.094	19.60	0.091
1.4	16QAM	3	3	19.70	0.093	19.50	0.089	19.73	0.094
1.4	16QAM	6	0	19.45	0.088	19.68	0.093	19.75	0.094
1.4	64QAM	1	0	20.64	0.116	20.87	0.122	20.59	0.115
1.4	64QAM	1	3	20.56	0.114	20.76	0.119	20.46	0.111
1.4	64QAM	1	5	20.59	0.115	20.75	0.119	20.57	0.114
1.4	64QAM	3	0	19.70	0.093	19.69	0.093	19.59	0.091
1.4	64QAM	3	1	19.60	0.091	19.70	0.093	19.81	0.096
1.4	64QAM	3	3	19.69	0.093	19.73	0.094	19.60	0.091
1.4	64QAM	6	0	19.57	0.091	19.86	0.097	19.72	0.094

2.2. Occupied Bandwidth

2.2.1. Requirement

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

2.2.2. Test Description



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

2.2.3. Test Procedure

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

2.2.4. Test Result

LTE Band 2				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.10	1.32
	Low	16QAM	1.11	1.37
	Low	64QAM	1.10	1.34
	Mid	QPSK	1.10	1.35
	Mid	16QAM	1.11	1.37
	Mid	64QAM	1.11	1.36
	High	QPSK	1.11	1.38
	High	16QAM	1.11	1.35
	High	64QAM	1.11	1.37
3	Low	QPSK	2.71	3.09
	Low	16QAM	2.72	3.06
	Low	64QAM	2.71	3.09
	Mid	QPSK	2.72	3.07
	Mid	16QAM	2.71	3.04
	Mid	64QAM	2.72	3.07
	High	QPSK	2.71	3.11
	High	16QAM	2.71	3.05
	High	64QAM	2.71	3.06
5	Low	QPSK	4.52	5.09
	Low	16QAM	4.53	5.19
	Low	64QAM	4.51	5.14
	Mid	QPSK	4.52	5.15
	Mid	16QAM	4.52	5.10
	Mid	64QAM	4.51	5.08
	High	QPSK	4.53	5.17
	High	16QAM	4.52	5.15
	High	64QAM	4.52	5.16
10	Low	QPSK	9.01	10.09
	Low	16QAM	9.00	10.05
	Low	64QAM	9.01	9.99
	Mid	QPSK	9.00	10.20
	Mid	16QAM	9.01	9.95
	Mid	64QAM	9.00	10.12
	High	QPSK	9.01	10.01
	High	16QAM	9.03	10.08
	High	64QAM	9.04	10.05

15	Low	QPSK	13.49	14.94
	Low	16QAM	13.46	15.04
	Low	64QAM	13.53	14.90
	Mid	QPSK	13.48	14.78
	Mid	16QAM	13.50	14.89
	Mid	64QAM	13.49	14.83
	High	QPSK	13.52	14.98
	High	16QAM	13.51	14.94
	High	64QAM	13.53	15.06
20	Low	QPSK	18.00	19.77
	Low	16QAM	17.96	19.72
	Low	64QAM	18.02	19.70
	Mid	QPSK	18.00	19.82
	Mid	16QAM	18.04	19.66
	Mid	64QAM	18.01	19.96
	High	QPSK	18.02	19.81
	High	16QAM	18.01	19.72
	High	64QAM	18.03	19.84

LTE Band 4				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.11	1.36
	Low	16QAM	1.11	1.35
	Low	64QAM	1.11	1.37
	Mid	QPSK	1.11	1.37
	Mid	16QAM	1.11	1.37
	Mid	64QAM	1.11	1.34
	High	QPSK	1.11	1.39
	High	16QAM	1.12	1.35
	High	64QAM	1.11	1.36
3	Low	QPSK	2.71	3.05
	Low	16QAM	2.72	3.12
	Low	64QAM	2.72	3.07
	Mid	QPSK	2.72	3.10
	Mid	16QAM	2.72	3.05
	Mid	64QAM	2.72	3.07
	High	QPSK	2.71	3.05
	High	16QAM	2.72	3.08
	High	64QAM	2.71	3.08
5	Low	QPSK	4.53	5.10
	Low	16QAM	4.52	5.16
	Low	64QAM	4.52	5.15
	Mid	QPSK	4.53	5.18
	Mid	16QAM	4.54	5.20
	Mid	64QAM	4.53	5.10
	High	QPSK	4.53	5.14
	High	16QAM	4.52	5.25
	High	64QAM	4.51	5.14
10	Low	QPSK	9.02	10.07
	Low	16QAM	9.01	10.21
	Low	64QAM	9.02	10.03
	Mid	QPSK	9.02	9.87
	Mid	16QAM	9.05	9.99
	Mid	64QAM	9.03	10.16
	High	QPSK	9.01	10.12
	High	16QAM	9.01	10.03
	High	64QAM	9.02	10.00

15	Low	QPSK	13.51	14.91
	Low	16QAM	13.51	14.87
	Low	64QAM	13.47	14.95
	Mid	QPSK	13.52	14.93
	Mid	16QAM	13.48	14.83
	Mid	64QAM	13.50	14.87
	High	QPSK	13.52	14.92
	High	16QAM	13.46	15.02
	High	64QAM	13.50	14.81
20	Low	QPSK	18.01	19.80
	Low	16QAM	18.00	19.75
	Low	64QAM	18.00	19.55
	Mid	QPSK	17.99	19.68
	Mid	16QAM	18.02	19.86
	Mid	64QAM	18.00	19.89
	High	QPSK	17.98	19.71
	High	16QAM	17.99	19.73
	High	64QAM	18.01	19.79

LTE Band 5				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.10	1.35
	Low	16QAM	1.11	1.38
	Low	64QAM	1.10	1.34
	Mid	QPSK	1.10	1.36
	Mid	16QAM	1.11	1.35
	Mid	64QAM	1.10	1.36
	High	QPSK	1.10	1.38
	High	16QAM	1.11	1.37
	High	64QAM	1.10	1.37
3	Low	QPSK	2.71	3.08
	Low	16QAM	2.71	3.12
	Low	64QAM	2.71	3.08
	Mid	QPSK	2.71	3.08
	Mid	16QAM	2.71	3.09
	Mid	64QAM	2.71	3.06
	High	QPSK	2.71	3.08
	High	16QAM	2.71	3.08
	High	64QAM	2.72	3.06
5	Low	QPSK	4.51	5.09
	Low	16QAM	4.52	5.15
	Low	64QAM	4.51	5.11
	Mid	QPSK	4.53	5.14
	Mid	16QAM	4.51	5.11
	Mid	64QAM	4.53	5.15
	High	QPSK	4.53	5.21
	High	16QAM	4.51	5.11
	High	64QAM	4.51	5.17
10	Low	QPSK	8.98	9.97
	Low	16QAM	8.99	10.02
	Low	64QAM	8.99	9.94
	Mid	QPSK	8.98	10.13
	Mid	16QAM	9.01	10.10
	Mid	64QAM	9.00	10.04
	High	QPSK	9.01	10.12
	High	16QAM	9.00	10.00
	High	64QAM	8.97	9.93

LTE Band 7				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.52	5.15
	Low	16QAM	4.51	5.17
	Low	64QAM	4.52	5.16
	Mid	QPSK	4.52	5.21
	Mid	16QAM	4.51	5.10
	Mid	64QAM	4.52	5.07
	High	QPSK	4.52	5.18
	High	16QAM	4.52	5.13
	High	64QAM	4.52	5.23
10	Low	QPSK	9.01	10.26
	Low	16QAM	9.04	10.07
	Low	64QAM	9.01	10.02
	Mid	QPSK	9.01	10.00
	Mid	16QAM	9.01	10.03
	Mid	64QAM	9.01	10.01
	High	QPSK	8.99	10.05
	High	16QAM	9.02	10.16
	High	64QAM	9.03	10.18
15	Low	QPSK	13.50	14.95
	Low	16QAM	13.51	14.88
	Low	64QAM	13.49	15.06
	Mid	QPSK	13.48	15.02
	Mid	16QAM	13.50	14.84
	Mid	64QAM	13.52	15.04
	High	QPSK	13.49	14.83
	High	16QAM	13.50	14.90
	High	64QAM	13.47	14.92
20	Low	QPSK	17.98	20.11
	Low	16QAM	18.05	20.08
	Low	64QAM	18.02	19.90
	Mid	QPSK	17.99	19.81
	Mid	16QAM	18.02	19.67
	Mid	64QAM	18.04	19.83
	High	QPSK	18.00	19.77
	High	16QAM	18.03	19.75
	High	64QAM	17.97	19.89

LTE Band 12				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.11	1.39
	Low	16QAM	1.11	1.36
	Low	64QAM	1.11	1.37
	Mid	QPSK	1.10	1.38
	Mid	16QAM	1.11	1.40
	Mid	64QAM	1.10	1.35
	High	QPSK	1.10	1.40
	High	16QAM	1.11	1.35
	High	64QAM	1.11	1.36
3	Low	QPSK	2.71	3.05
	Low	16QAM	2.72	3.08
	Low	64QAM	2.72	3.08
	Mid	QPSK	2.71	3.09
	Mid	16QAM	2.71	3.06
	Mid	64QAM	2.72	3.05
	High	QPSK	2.72	3.11
	High	16QAM	2.72	3.05
	High	64QAM	2.71	3.05
5	Low	QPSK	4.52	5.10
	Low	16QAM	4.53	5.11
	Low	64QAM	4.53	5.17
	Mid	QPSK	4.51	5.15
	Mid	16QAM	4.52	5.09
	Mid	64QAM	4.51	5.11
	High	QPSK	4.52	5.15
	High	16QAM	4.52	5.15
	High	64QAM	4.51	5.13
10	Low	QPSK	9.01	10.14
	Low	16QAM	8.99	10.01
	Low	64QAM	8.99	10.01
	Mid	QPSK	8.99	9.94
	Mid	16QAM	8.96	10.12
	Mid	64QAM	8.99	10.14
	High	QPSK	9.00	10.08
	High	16QAM	8.97	10.08
	High	64QAM	9.00	9.95

LTE Band 17				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.53	5.18
	Low	16QAM	4.53	5.15
	Low	64QAM	4.51	5.18
	Mid	QPSK	4.51	5.10
	Mid	16QAM	4.52	5.08
	Mid	64QAM	4.52	5.18
	High	QPSK	4.52	5.16
	High	16QAM	4.53	5.17
	High	64QAM	4.51	5.14
10	Low	QPSK	9.00	10.05
	Low	16QAM	8.99	9.98
	Low	64QAM	9.01	10.04
	Mid	QPSK	9.01	9.96
	Mid	16QAM	8.98	10.08
	Mid	64QAM	8.97	9.97
	High	QPSK	8.99	10.06
	High	16QAM	8.99	9.99
	High	64QAM	9.00	10.08

LTE Band 18				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.50	5.05
	Low	16QAM	4.52	5.13
	Low	64QAM	4.51	5.11
	Mid	QPSK	4.53	5.14
	Mid	16QAM	4.51	5.12
	Mid	64QAM	4.51	5.15
	High	QPSK	4.53	5.10
	High	16QAM	4.51	5.18
	High	64QAM	4.53	5.12

LTE Band 19				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.53	5.16
	Low	16QAM	4.53	5.14
	Low	64QAM	4.51	5.05
	Mid	QPSK	4.51	5.21
	Mid	16QAM	4.54	5.14
	Mid	64QAM	4.51	5.14
	High	QPSK	4.52	5.11
	High	16QAM	4.51	5.08
	High	64QAM	4.52	5.19
10	Low	QPSK	9.03	10.06
	Low	16QAM	9.02	10.03
	Low	64QAM	9.00	9.97
	Mid	QPSK	9.02	10.07
	Mid	16QAM	9.02	10.05
	Mid	64QAM	8.98	9.99
	High	QPSK	9.00	10.08
	High	16QAM	9.00	10.08
	High	64QAM	9.00	9.91
15	Low	QPSK	13.46	14.77
	Low	16QAM	13.49	14.92
	Low	64QAM	13.47	14.90
	Mid	QPSK	13.50	15.08
	Mid	16QAM	13.49	15.00
	Mid	64QAM	13.49	15.02
	High	QPSK	13.50	14.96
	High	16QAM	13.49	14.83
	High	64QAM	13.47	14.83

LTE Band 26				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.10	1.34
	Low	16QAM	1.11	1.38
	Low	64QAM	1.10	1.35
	Mid	QPSK	1.10	1.34
	Mid	16QAM	1.11	1.36
	Mid	64QAM	1.11	1.34
	High	QPSK	1.10	1.33
	High	16QAM	1.10	1.33
	High	64QAM	1.10	1.36
3	Low	QPSK	2.71	3.07
	Low	16QAM	2.70	3.11
	Low	64QAM	2.72	3.04
	Mid	QPSK	2.72	3.08
	Mid	16QAM	2.72	3.06
	Mid	64QAM	2.72	3.06
	High	QPSK	2.71	3.09
	High	16QAM	2.71	3.08
	High	64QAM	2.72	3.07
5	Low	QPSK	4.53	5.22
	Low	16QAM	4.52	5.16
	Low	64QAM	4.52	5.12
	Mid	QPSK	4.52	5.17
	Mid	16QAM	4.53	5.15
	Mid	64QAM	4.52	5.11
	High	QPSK	4.52	5.17
	High	16QAM	4.53	5.13
	High	64QAM	4.53	5.09
10	Low	QPSK	9.00	9.89
	Low	16QAM	9.00	10.00
	Low	64QAM	9.00	10.01
	Mid	QPSK	9.00	10.11
	Mid	16QAM	9.00	10.03
	Mid	64QAM	9.00	9.99
	High	QPSK	9.01	10.12
	High	16QAM	9.00	10.10
	High	64QAM	9.00	9.95

15	Low	QPSK	13.49	14.74
	Low	16QAM	13.52	15.05
	Low	64QAM	13.47	14.75
	Mid	QPSK	13.53	14.89
	Mid	16QAM	13.53	14.90
	Mid	64QAM	13.48	14.80
	High	QPSK	13.49	14.98
	High	16QAM	13.48	14.98
	High	64QAM	13.47	14.96

LTE Band 38				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.51	5.13
	Low	16QAM	4.54	5.30
	Low	64QAM	4.50	5.26
	Mid	QPSK	4.52	5.09
	Mid	16QAM	4.53	5.26
	Mid	64QAM	4.52	5.12
	High	QPSK	4.52	5.15
	High	16QAM	4.53	5.16
	High	64QAM	4.51	5.18
10	Low	QPSK	9.00	9.93
	Low	16QAM	9.01	10.37
	Low	64QAM	9.01	10.18
	Mid	QPSK	9.00	10.63
	Mid	16QAM	9.03	10.10
	Mid	64QAM	8.99	10.38
	High	QPSK	9.01	10.46
	High	16QAM	9.02	10.45
	High	64QAM	9.01	10.25
15	Low	QPSK	13.50	15.27
	Low	16QAM	13.50	15.29
	Low	64QAM	13.50	15.00
	Mid	QPSK	13.52	16.00
	Mid	16QAM	13.51	15.16
	Mid	64QAM	13.51	17.22
	High	QPSK	13.49	16.07
	High	16QAM	13.50	15.09
	High	64QAM	13.49	15.07
20	Low	QPSK	17.99	20.21
	Low	16QAM	18.00	21.38
	Low	64QAM	17.98	21.51
	Mid	QPSK	17.98	19.79
	Mid	16QAM	18.00	19.87
	Mid	64QAM	18.05	19.96
	High	QPSK	18.01	20.40
	High	16QAM	18.01	21.74
	High	64QAM	18.03	20.44

LTE Band 40, Block A				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.51	5.15
	Low	16QAM	4.51	5.39
	Low	64QAM	4.54	5.00
	Mid	QPSK	4.51	5.30
	Mid	16QAM	4.53	5.17
	Mid	64QAM	4.52	5.35
	High	QPSK	4.52	5.34
	High	16QAM	4.53	5.13
	High	64QAM	4.52	5.37
10	Mid	QPSK	9.02	9.97
	Mid	16QAM	9.01	10.57
	Mid	64QAM	9.01	10.22

LTE Band 40, Block B				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.51	5.12
	Low	16QAM	4.52	5.15
	Low	64QAM	4.54	5.12
	Mid	QPSK	4.52	5.22
	Mid	16QAM	4.53	5.22
	Mid	64QAM	4.52	5.30
	High	QPSK	4.51	5.14
	High	16QAM	4.54	5.13
	High	64QAM	4.51	5.19
10	Mid	QPSK	9.02	10.25
	Mid	16QAM	9.01	10.80
	Mid	64QAM	9.04	10.83

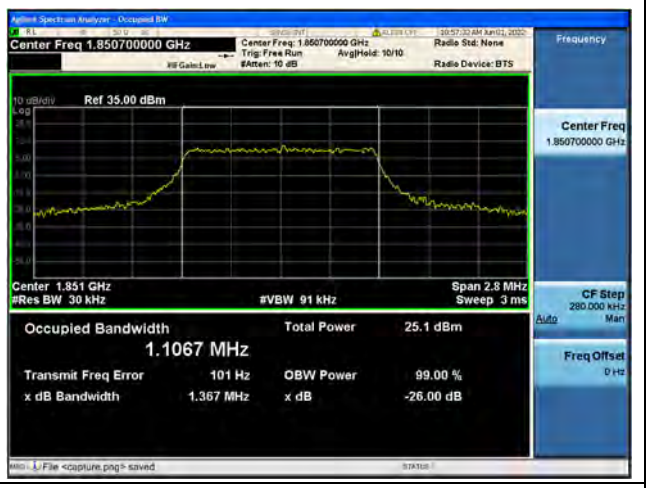
LTE Band 41				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.51	5.32
	Low	16QAM	4.53	5.13
	Low	64QAM	4.52	5.27
	Mid	QPSK	4.52	5.42
	Mid	16QAM	4.52	5.16
	Mid	64QAM	4.51	5.13
	High	QPSK	4.52	5.31
	High	16QAM	4.53	5.21
	High	64QAM	4.53	5.12
10	Low	QPSK	9.00	10.46
	Low	16QAM	8.98	10.20
	Low	64QAM	9.01	10.20
	Mid	QPSK	9.01	10.34
	Mid	16QAM	9.01	10.03
	Mid	64QAM	9.02	10.03
	High	QPSK	9.01	10.30
	High	16QAM	9.04	10.49
	High	64QAM	8.99	9.95
15	Low	QPSK	13.50	15.97
	Low	16QAM	13.50	14.95
	Low	64QAM	13.49	16.19
	Mid	QPSK	13.48	14.96
	Mid	16QAM	13.54	15.79
	Mid	64QAM	13.50	16.68
	High	QPSK	13.47	14.94
	High	16QAM	13.50	15.14
	High	64QAM	13.51	15.46
20	Low	QPSK	18.02	21.95
	Low	16QAM	18.01	20.91
	Low	64QAM	17.98	20.18
	Mid	QPSK	18.00	19.97
	Mid	16QAM	17.98	20.08
	Mid	64QAM	18.02	20.67
	High	QPSK	17.97	20.74
	High	16QAM	18.00	20.02
	High	64QAM	17.99	21.05

LTE Band 66				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.10	1.33
	Low	16QAM	1.11	1.34
	Low	64QAM	1.11	1.36
	Mid	QPSK	1.10	1.36
	Mid	16QAM	1.11	1.37
	Mid	64QAM	1.11	1.40
	High	QPSK	1.10	1.39
	High	16QAM	1.11	1.38
	High	64QAM	1.10	1.36
3	Low	QPSK	2.72	3.10
	Low	16QAM	2.71	3.05
	Low	64QAM	2.72	3.03
	Mid	QPSK	2.72	3.09
	Mid	16QAM	2.71	3.07
	Mid	64QAM	2.72	3.05
	High	QPSK	2.71	3.07
	High	16QAM	2.71	3.06
	High	64QAM	2.72	3.08
5	Low	QPSK	4.54	5.12
	Low	16QAM	4.53	5.19
	Low	64QAM	4.51	5.09
	Mid	QPSK	4.51	5.19
	Mid	16QAM	4.53	5.19
	Mid	64QAM	4.51	5.11
	High	QPSK	4.51	5.17
	High	16QAM	4.52	5.17
	High	64QAM	4.53	5.25
10	Low	QPSK	9.00	10.14
	Low	16QAM	9.00	10.11
	Low	64QAM	9.00	9.95
	Mid	QPSK	9.02	10.20
	Mid	16QAM	8.99	9.99
	Mid	64QAM	9.02	10.02
	High	QPSK	9.01	10.12
	High	16QAM	9.02	10.07
	High	64QAM	9.01	10.01

15	Low	QPSK	13.48	14.97
	Low	16QAM	13.50	14.93
	Low	64QAM	13.49	14.85
	Mid	QPSK	13.52	15.00
	Mid	16QAM	13.53	14.88
	Mid	64QAM	13.49	14.88
	High	QPSK	13.53	15.07
	High	16QAM	13.53	14.83
	High	64QAM	13.50	14.79
20	Low	QPSK	18.00	19.62
	Low	16QAM	18.03	19.76
	Low	64QAM	18.02	19.98
	Mid	QPSK	17.99	19.83
	Mid	16QAM	18.00	19.78
	Mid	64QAM	17.97	19.76
	High	QPSK	18.03	19.84
	High	16QAM	18.02	19.85
	High	64QAM	18.00	19.88

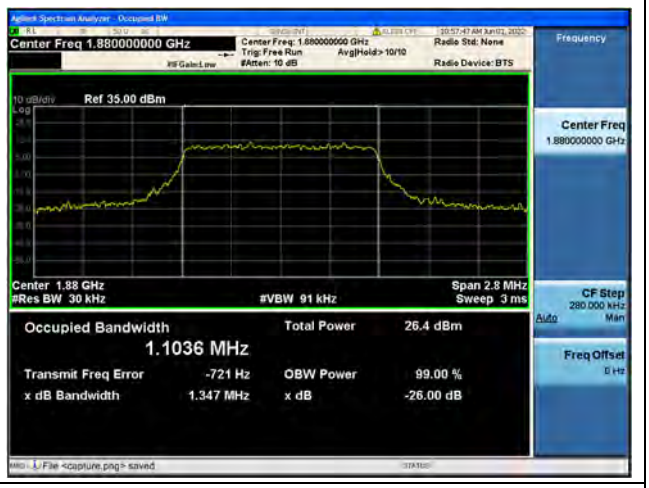
B2 / 1.4MHz / QPSK/ Low CH

B2 / 1.4MHz / 16QAM/ Low CH



B2 / 1.4MHz / 64QAM/ Low CH

B2 / 1.4MHz / QPSK/ Mid CH

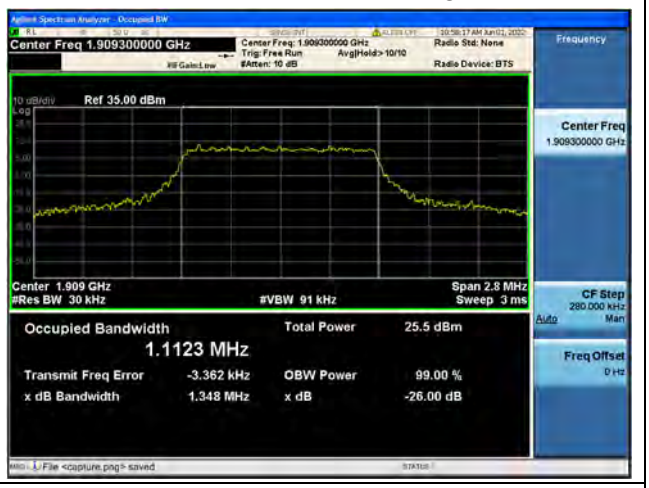


B2 / 1.4MHz / 16QAM/ Mid CH

B2 / 1.4MHz / 64QAM/ Mid CH

B2 / 1.4MHz / QPSK/ High CH

B2 / 1.4MHz / 16QAM/ High CH



B2 / 1.4MHz / 64QAM/ High CH

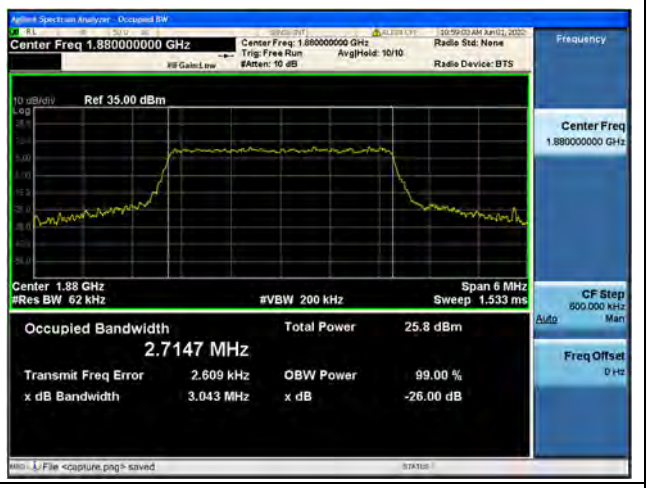
B2 / 3MHz / QPSK/ Low CH

B2 / 3MHz / 16QAM/ Low CH

B2 / 3MHz / 64QAM/ Low CH

B2 / 3MHz / QPSK/ Mid CH

B2 / 3MHz / 16QAM/ Mid CH

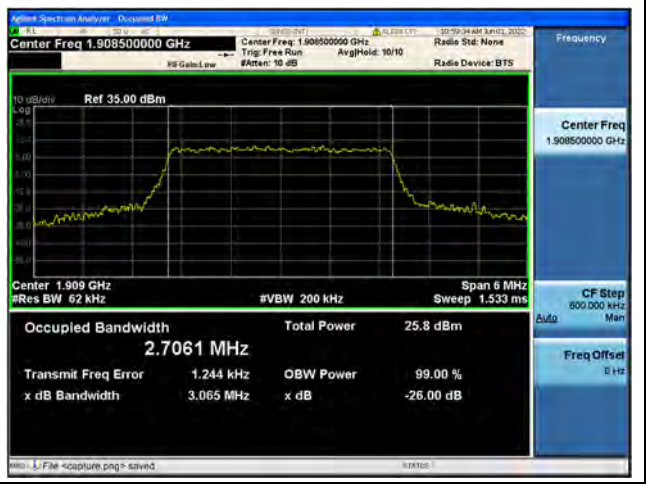


B2 / 3MHz / 64QAM/ Mid CH

B2 / 3MHz / QPSK/ High CH

B2 / 3MHz / 16QAM/ High CH

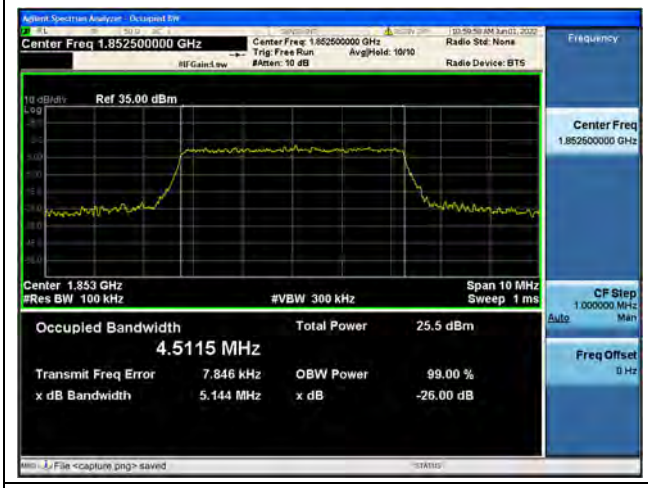
B2 / 3MHz / 64QAM/ High CH



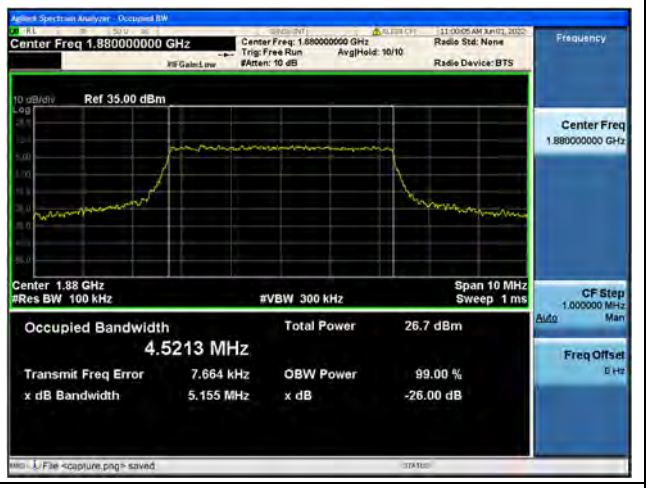
B2 / 5MHz / QPSK/ Low CH

B2 / 5MHz / 16QAM/ Low CH

B2 / 5MHz / 64QAM/ Low CH



B2 / 5MHz / QPSK/ Mid CH



B2 / 5MHz / 16QAM/ Mid CH

B2 / 5MHz / 64QAM/ Mid CH

B2 / 5MHz / QPSK/ High CH

B2 / 5MHz / 16QAM/ High CH

B2 / 5MHz / 64QAM/ High CH

B2 / 10MHz / QPSK/ Low CH

B2 / 10MHz / 16QAM/ Low CH

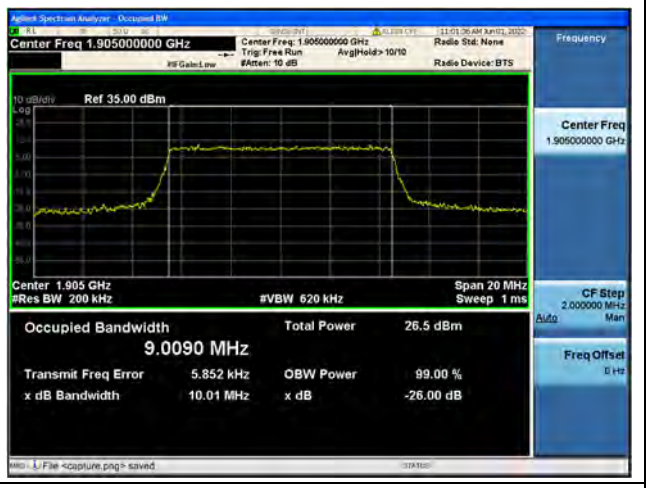
B2 / 10MHz / 64QAM/ Low CH

B2 / 10MHz / QPSK/ Mid CH

B2 / 10MHz / 16QAM/ Mid CH

B2 / 10MHz / 64QAM/ Mid CH

B2 / 10MHz / QPSK/ High CH



B2 / 10MHz / 16QAM/ High CH

B2 / 10MHz / 64QAM/ High CH

B2 / 15MHz / QPSK/ Low CH

B2 / 15MHz / 16QAM/ Low CH

B2 / 15MHz / 64QAM/ Low CH

B2 / 15MHz / QPSK/ Mid CH

B2 / 15MHz / 16QAM/ Mid CH

B2 / 15MHz / 64QAM/ Mid CH

B2 / 15MHz / QPSK/ High CH

B2 / 15MHz / 16QAM/ High CH

B2 / 15MHz / 64QAM/ High CH

B2 / 20MHz / QPSK/ Low CH

B2 / 20MHz / 16QAM/ Low CH

B2 / 20MHz / 64QAM/ Low CH

B2 / 20MHz / QPSK/ Mid CH

B2 / 20MHz / 16QAM/ Mid CH

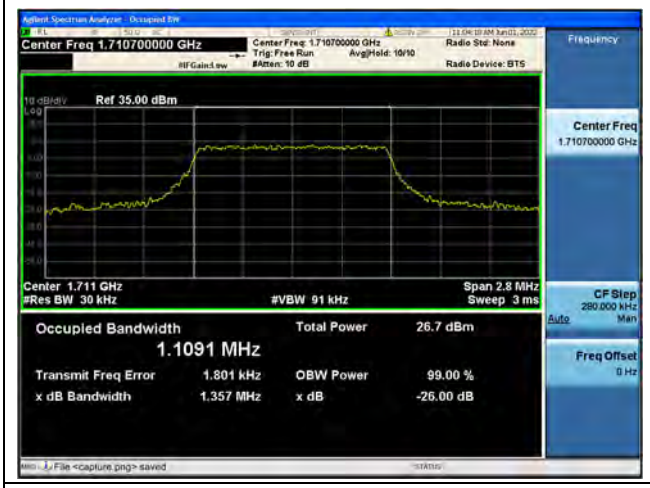
B2 / 20MHz / 64QAM/ Mid CH

B2 / 20MHz / QPSK/ High CH

B2 / 20MHz / 16QAM/ High CH

B2 / 20MHz / 64QAM/ High CH

B4 / 1.4MHz / QPSK/ Low CH

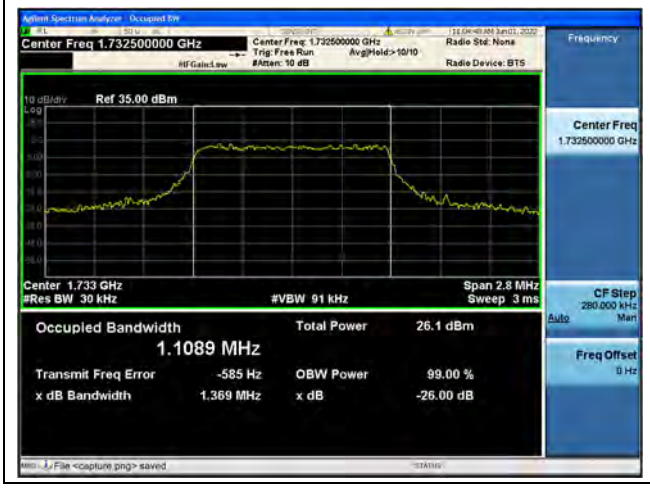


B4 / 1.4MHz / 16QAM/ Low CH

B4 / 1.4MHz / 64QAM/ Low CH

B4 / 1.4MHz / QPSK/ Mid CH

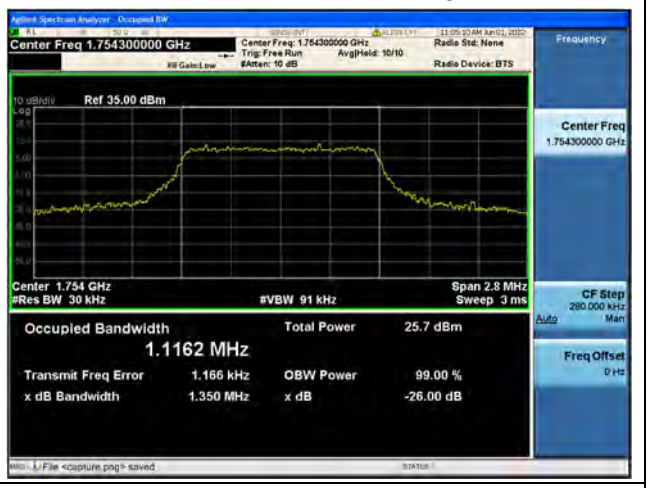
B4 / 1.4MHz / 16QAM/ Mid CH



B4 / 1.4MHz / 64QAM/ Mid CH

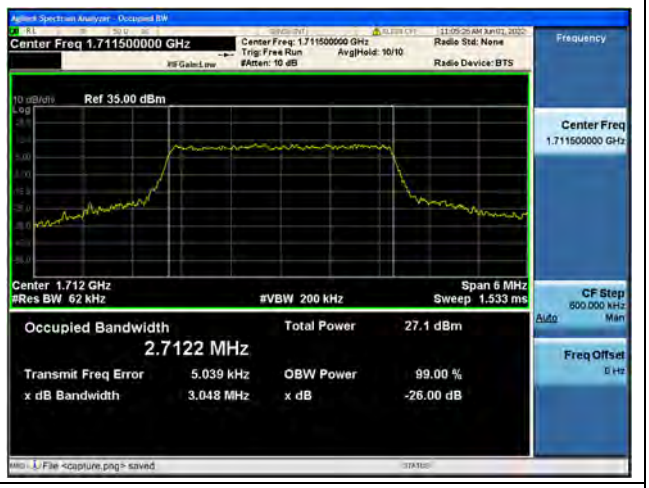
B4 / 1.4MHz / QPSK/ High CH

B4 / 1.4MHz / 16QAM/ High CH



B4 / 1.4MHz / 64QAM/ High CH

B4 / 3MHz / QPSK/ Low CH



B4 / 3MHz / 16QAM/ Low CH

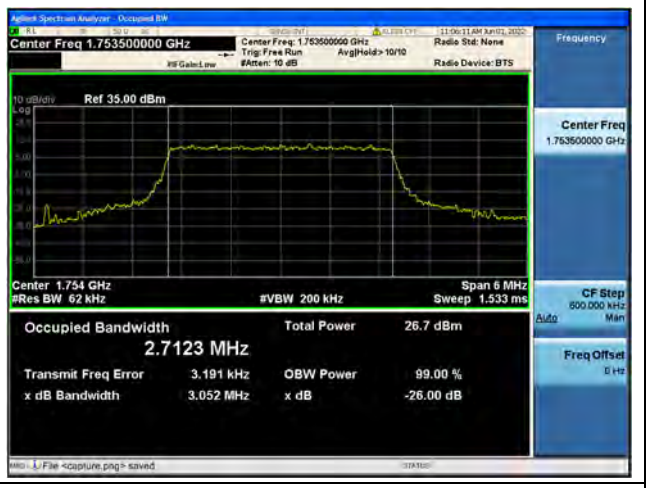
B4 / 3MHz / 64QAM/ Low CH

B4 / 3MHz / QPSK/ Mid CH

B4 / 3MHz / 16QAM/ Mid CH

B4 / 3MHz / 64QAM/ Mid CH

B4 / 3MHz / QPSK/ High CH

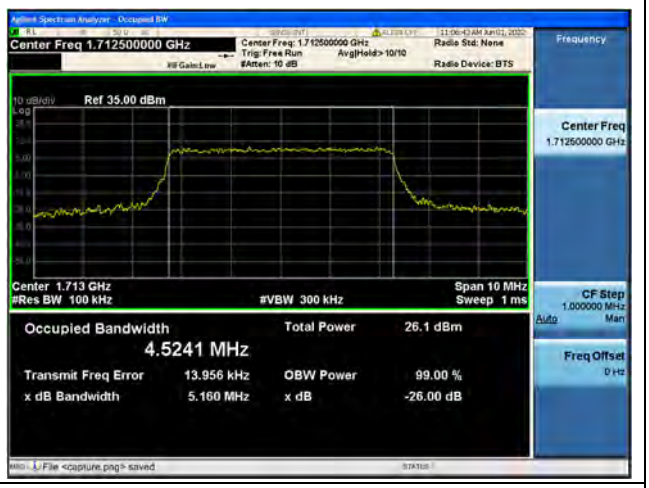


B4 / 3MHz / 16QAM/ High CH

B4 / 3MHz / 64QAM/ High CH

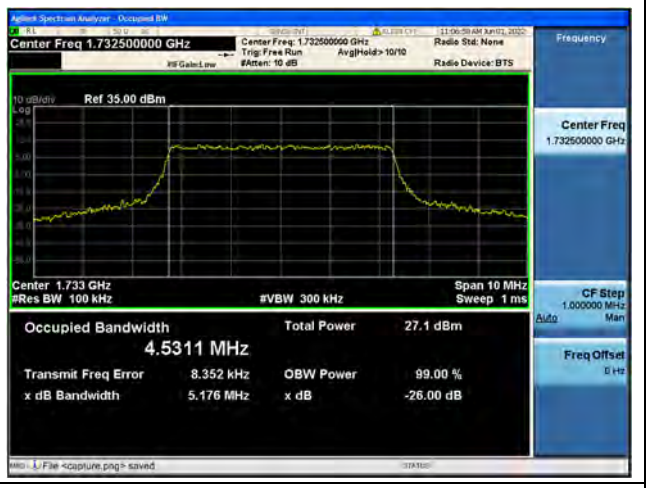
B4 / 5MHz / QPSK/ Low CH

B4 / 5MHz / 16QAM/ Low CH



B4 / 5MHz / 64QAM/ Low CH

B4 / 5MHz / QPSK/ Mid CH



B4 / 5MHz / 16QAM/ Mid CH

B4 / 5MHz / 64QAM/ Mid CH

B4 / 5MHz / QPSK/ High CH

B4 / 5MHz / 16QAM/ High CH

B4 / 5MHz / 64QAM/ High CH

B4 / 10MHz / QPSK/ Low CH

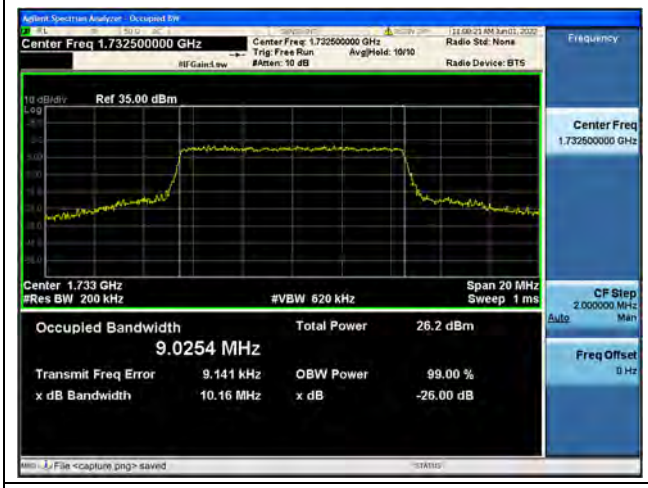
B4 / 10MHz / 16QAM/ Low CH

B4 / 10MHz / 64QAM/ Low CH

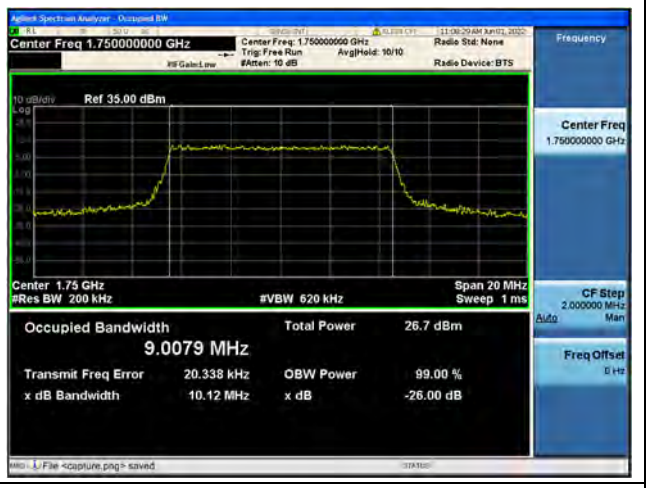
B4 / 10MHz / QPSK/ Mid CH

B4 / 10MHz / 16QAM/ Mid CH

B4 / 10MHz / 64QAM/ Mid CH



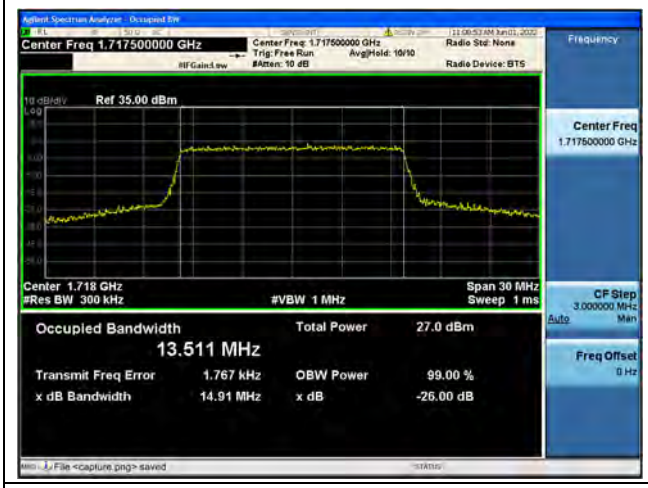
B4 / 10MHz / QPSK/ High CH



B4 / 10MHz / 16QAM/ High CH

B4 / 10MHz / 64QAM/ High CH

B4 / 15MHz / QPSK/ Low CH



B4 / 15MHz / 16QAM/ Low CH

B4 / 15MHz / 64QAM/ Low CH

B4 / 15MHz / QPSK/ Mid CH

B4 / 15MHz / 16QAM/ Mid CH

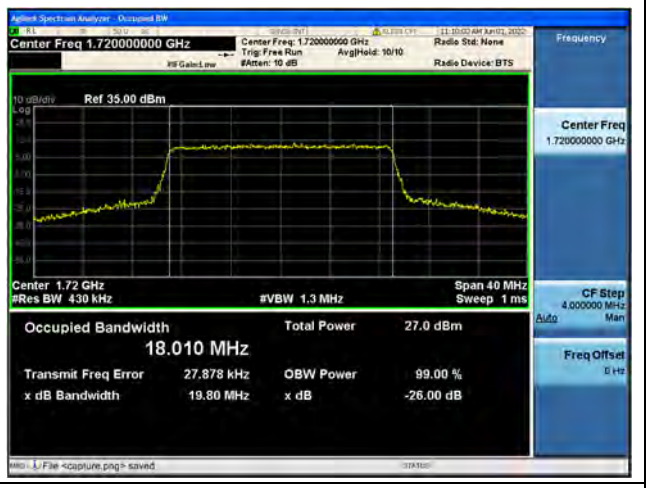
B4 / 15MHz / 64QAM/ Mid CH

B4 / 15MHz / QPSK/ High CH

B4 / 15MHz / 16QAM/ High CH

B4 / 15MHz / 64QAM/ High CH

B4 / 20MHz / QPSK/ Low CH



B4 / 20MHz / 16QAM/ Low CH

B4 / 20MHz / 64QAM/ Low CH

B4 / 20MHz / QPSK/ Mid CH

B4 / 20MHz / 16QAM/ Mid CH

B4 / 20MHz / 64QAM/ Mid CH

B4 / 20MHz / QPSK/ High CH

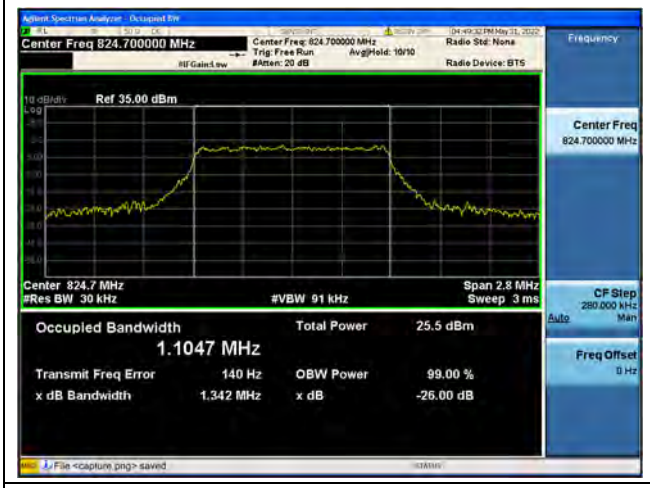
B4 / 20MHz / 16QAM/ High CH

B4 / 20MHz / 64QAM/ High CH

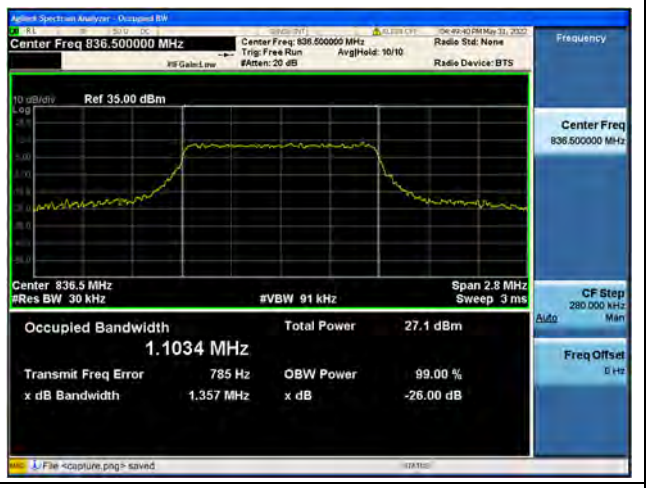
B5 / 1.4MHz / QPSK/ Low CH

B5 / 1.4MHz / 16QAM/ Low CH

B5 / 1.4MHz / 64QAM/ Low CH



B5 / 1.4MHz / QPSK/ Mid CH

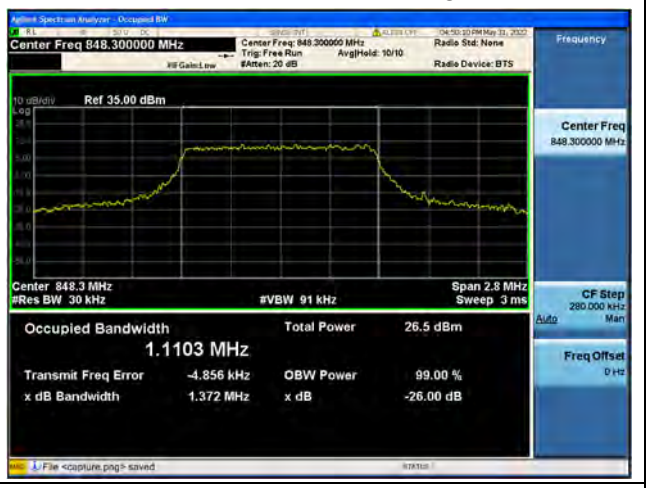


B5 / 1.4MHz / 16QAM/ Mid CH

B5 / 1.4MHz / 64QAM/ Mid CH

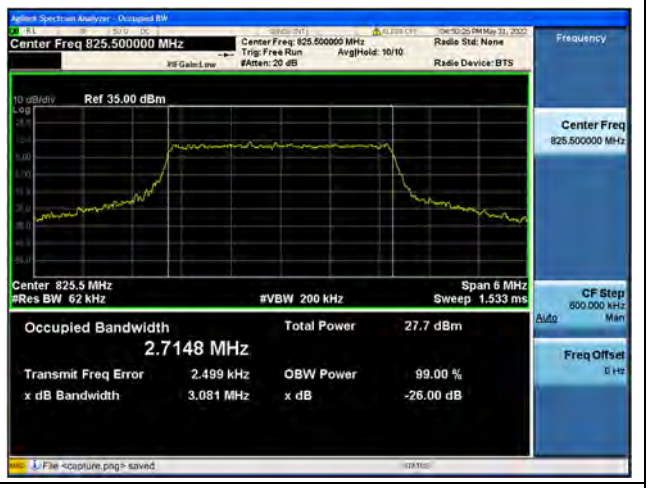
B5 / 1.4MHz / QPSK/ High CH

B5 / 1.4MHz / 16QAM/ High CH



B5 / 1.4MHz / 64QAM/ High CH

B5 / 3MHz / QPSK/ Low CH

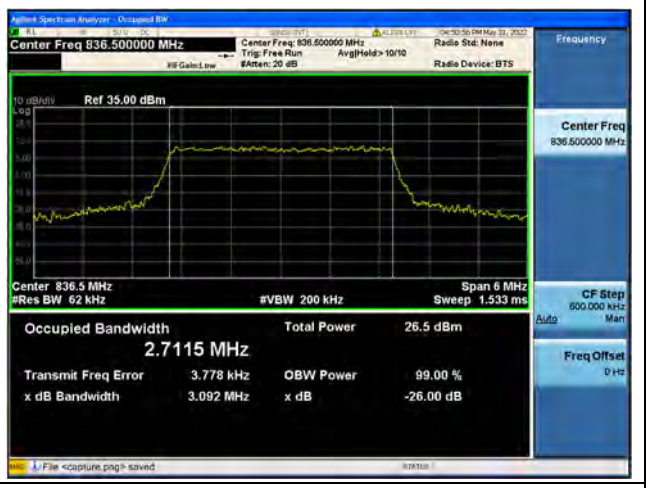


B5 / 3MHz / 16QAM/ Low CH

B5 / 3MHz / 64QAM/ Low CH

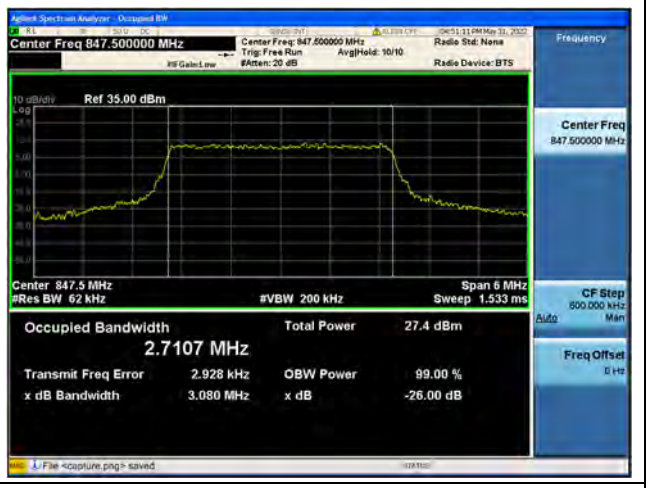
B5 / 3MHz / QPSK/ Mid CH

B5 / 3MHz / 16QAM/ Mid CH



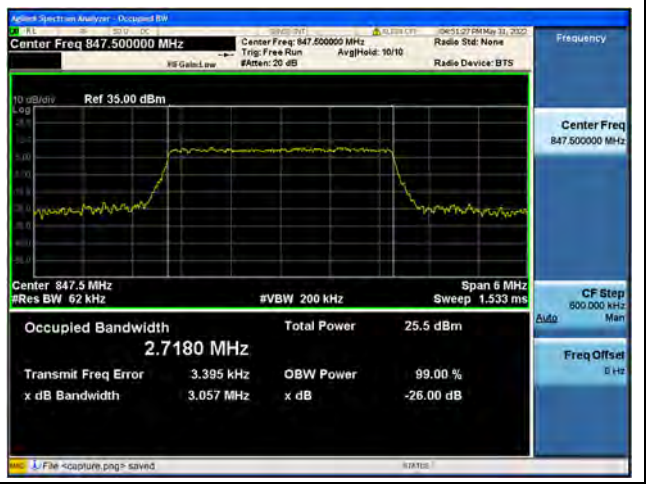
B5 / 3MHz / 64QAM/ Mid CH

B5 / 3MHz / QPSK/ High CH



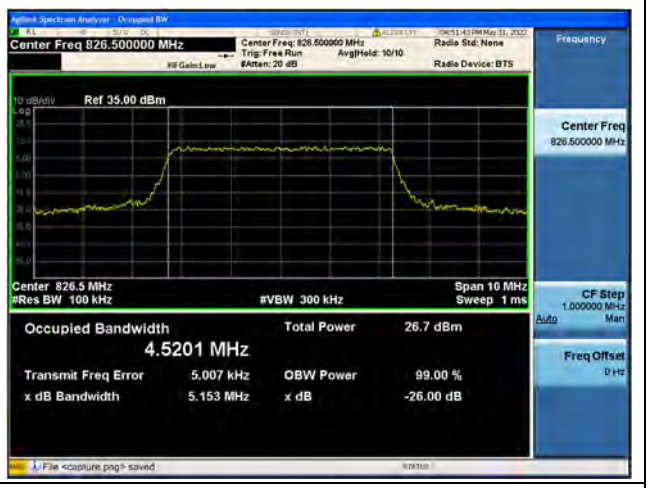
B5 / 3MHz / 16QAM/ High CH

B5 / 3MHz / 64QAM/ High CH



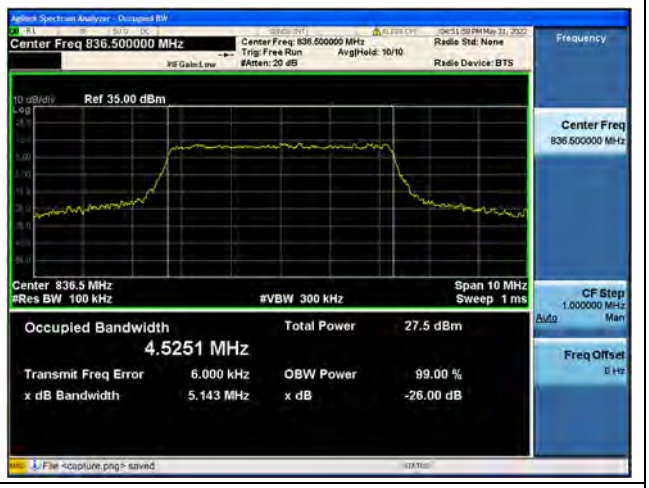
B5 / 5MHz / QPSK/ Low CH

B5 / 5MHz / 16QAM/ Low CH



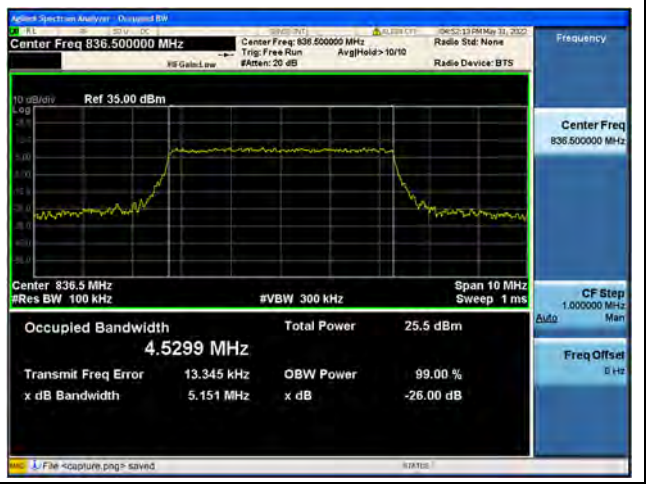
B5 / 5MHz / 64QAM/ Low CH

B5 / 5MHz / QPSK/ Mid CH

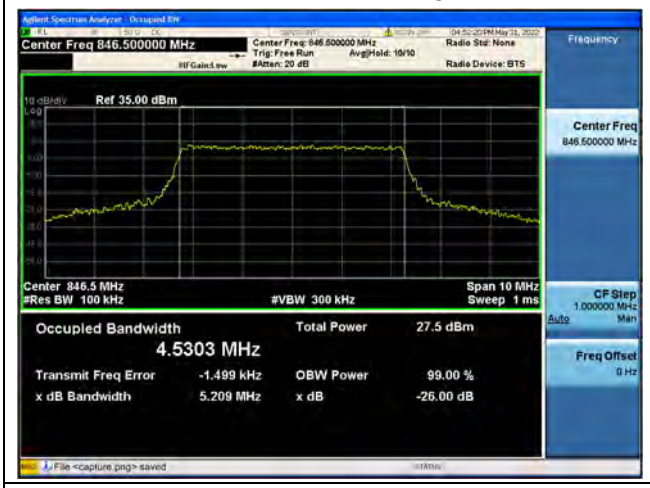


B5 / 5MHz / 16QAM/ Mid CH

B5 / 5MHz / 64QAM/ Mid CH



B5 / 5MHz / QPSK/ High CH



B5 / 5MHz / 16QAM/ High CH

B5 / 5MHz / 64QAM/ High CH

B5 / 10MHz / QPSK/ Low CH

B5 / 10MHz / 16QAM/ Low CH

B5 / 10MHz / 64QAM/ Low CH

B5 / 10MHz / QPSK/ Mid CH

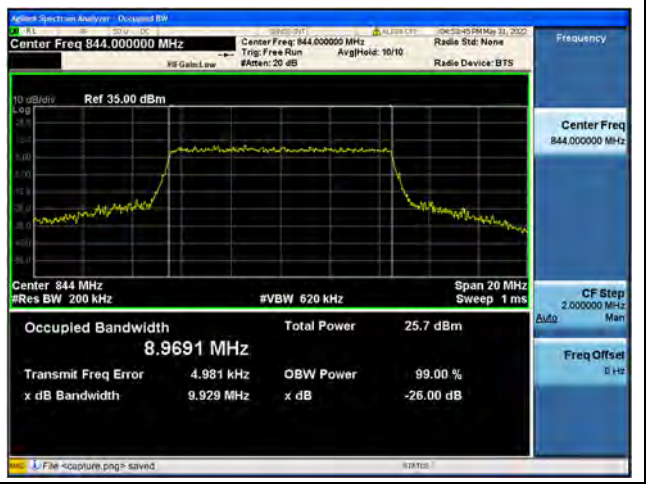
B5 / 10MHz / 16QAM/ Mid CH

B5 / 10MHz / 64QAM/ Mid CH

B5 / 10MHz / QPSK/ High CH

B5 / 10MHz / 16QAM/ High CH

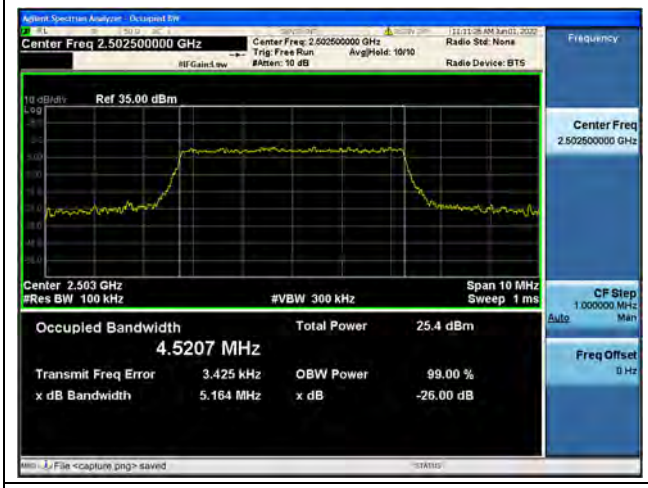
B5 / 10MHz / 64QAM/ High CH



B7 / 5MHz / QPSK/ Low CH

B7 / 5MHz / 16QAM/ Low CH

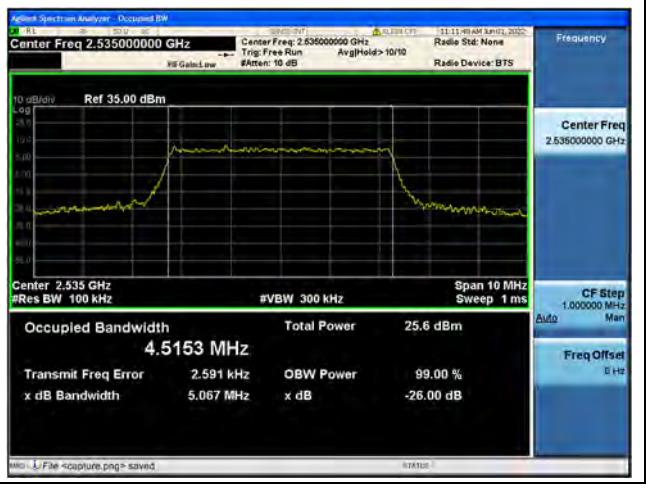
B7 / 5MHz / 64QAM/ Low CH



B7 / 5MHz / QPSK/ Mid CH

B7 / 5MHz / 16QAM/ Mid CH

B7 / 5MHz / 64QAM/ Mid CH



B7 / 5MHz / QPSK/ High CH

B7 / 5MHz / 16QAM/ High CH

B7 / 5MHz / 64QAM/ High CH

B7 / 10MHz / QPSK/ Low CH

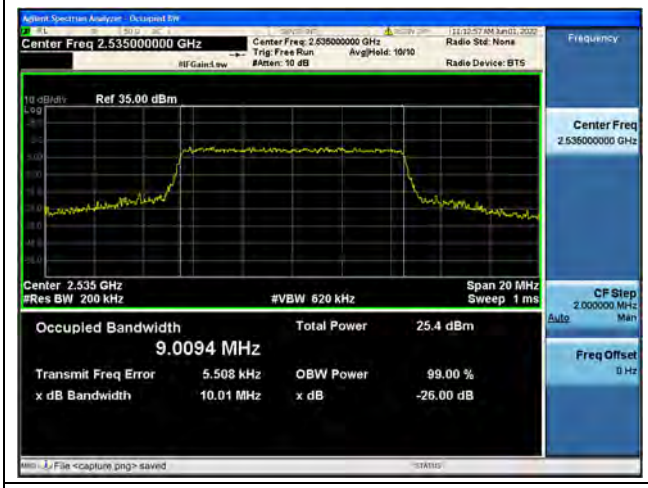
B7 / 10MHz / 16QAM/ Low CH

B7 / 10MHz / 64QAM/ Low CH

B7 / 10MHz / QPSK/ Mid CH

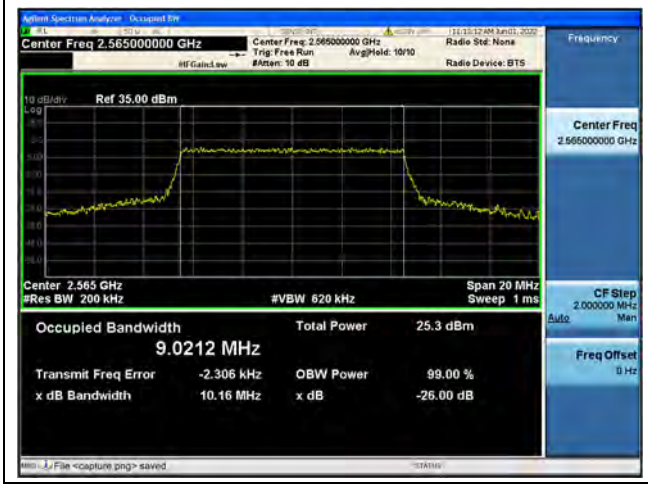
B7 / 10MHz / 16QAM/ Mid CH

B7 / 10MHz / 64QAM/ Mid CH



B7 / 10MHz / QPSK/ High CH

B7 / 10MHz / 16QAM/ High CH



B7 / 10MHz / 64QAM/ High CH

B7 / 15MHz / QPSK/ Low CH

B7 / 15MHz / 16QAM/ Low CH

B7 / 15MHz / 64QAM/ Low CH

B7 / 15MHz / QPSK/ Mid CH

B7 / 15MHz / 16QAM/ Mid CH

B7 / 15MHz / 64QAM/ Mid CH

B7 / 15MHz / QPSK/ High CH

B7 / 15MHz / 16QAM/ High CH

B7 / 15MHz / 64QAM/ High CH

B7 / 20MHz / QPSK/ Low CH

B7 / 20MHz / 16QAM/ Low CH

B7 / 20MHz / 64QAM/ Low CH

B7 / 20MHz / QPSK/ Mid CH

B7 / 20MHz / 16QAM/ Mid CH

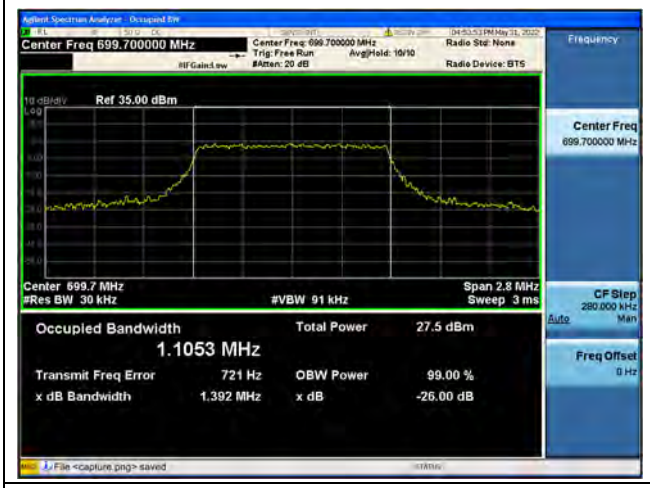
B7 / 20MHz / 64QAM/ Mid CH

B7 / 20MHz / QPSK/ High CH

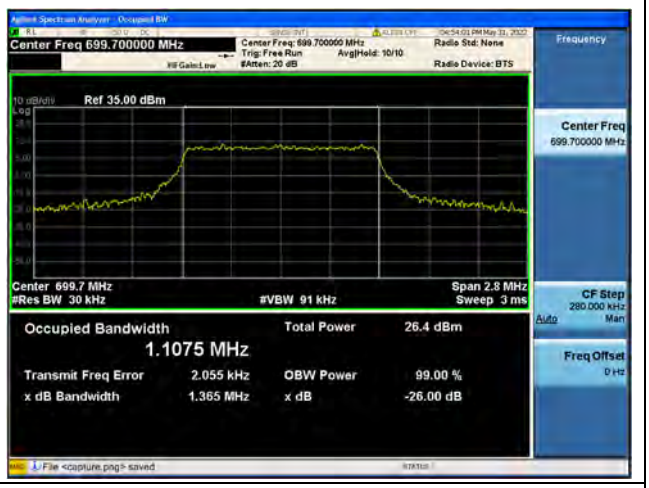
B7 / 20MHz / 16QAM/ High CH

B7 / 20MHz / 64QAM/ High CH

B12 / 1.4MHz / QPSK/ Low CH

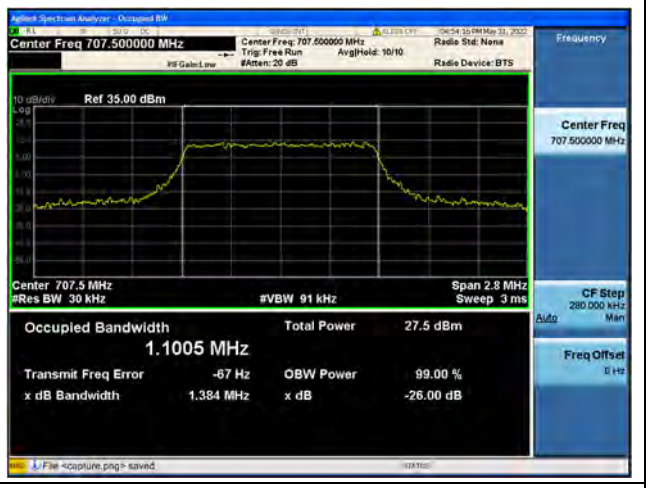


B12 / 1.4MHz / 16QAM/ Low CH



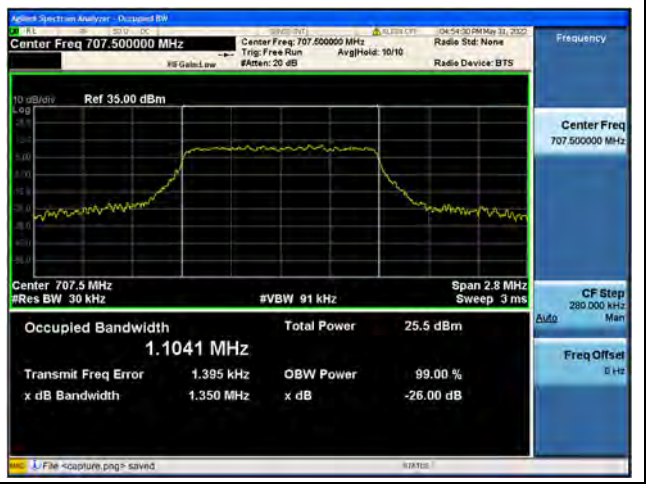
B12 / 1.4MHz / 64QAM/ Low CH

B12 / 1.4MHz / QPSK/ Mid CH



B12 / 1.4MHz / 16QAM/ Mid CH

B12 / 1.4MHz / 64QAM/ Mid CH



B12 / 1.4MHz / QPSK/ High CH

B12 / 1.4MHz / 16QAM/ High CH

B12 / 1.4MHz / 64QAM/ High CH

B12 / 3MHz / QPSK/ Low CH

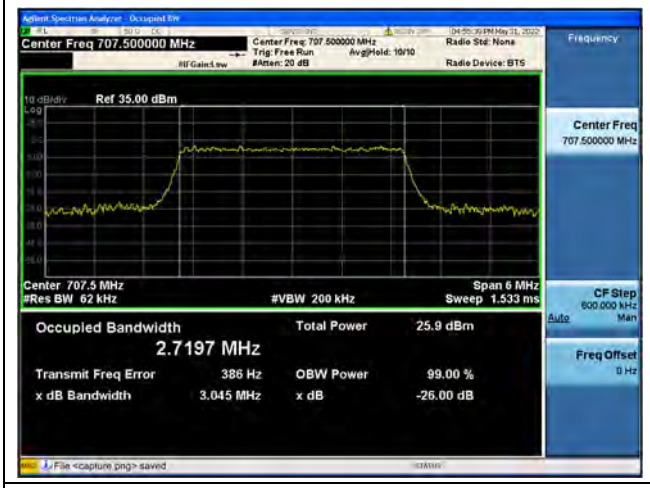
B12 / 3MHz / 16QAM/ Low CH

B12 / 3MHz / 64QAM/ Low CH

B12 / 3MHz / QPSK/ Mid CH

B12 / 3MHz / 16QAM/ Mid CH

B12 / 3MHz / 64QAM/ Mid CH

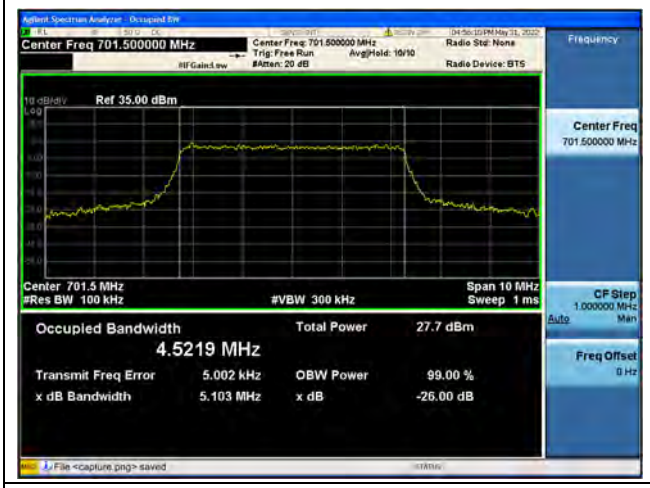


B12 / 3MHz / QPSK/ High CH

B12 / 3MHz / 16QAM/ High CH

B12 / 3MHz / 64QAM/ High CH

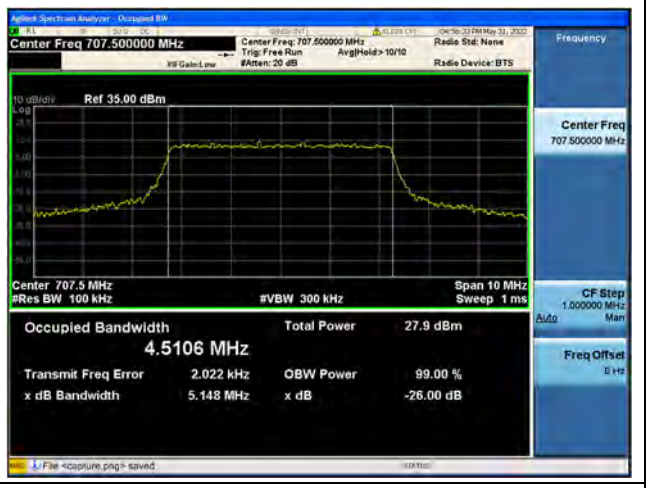
B12 / 5MHz / QPSK/ Low CH



B12 / 5MHz / 16QAM/ Low CH

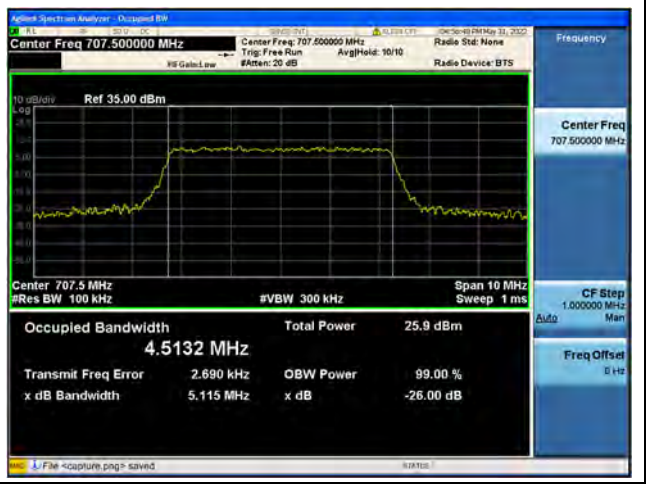
B12 / 5MHz / 64QAM/ Low CH

B12 / 5MHz / QPSK/ Mid CH

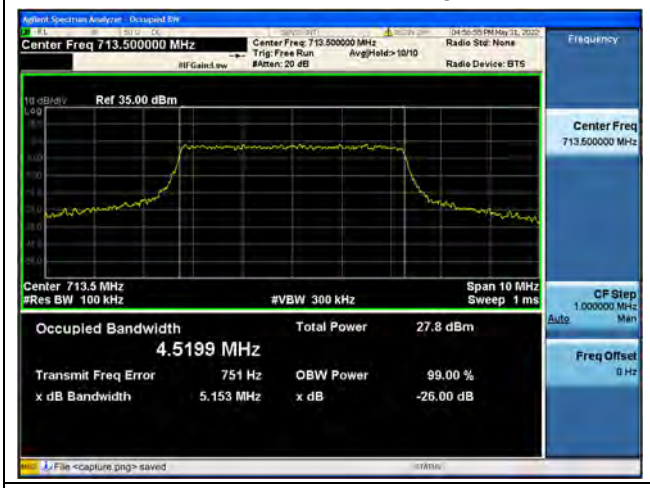


B12 / 5MHz / 16QAM/ Mid CH

B12 / 5MHz / 64QAM/ Mid CH

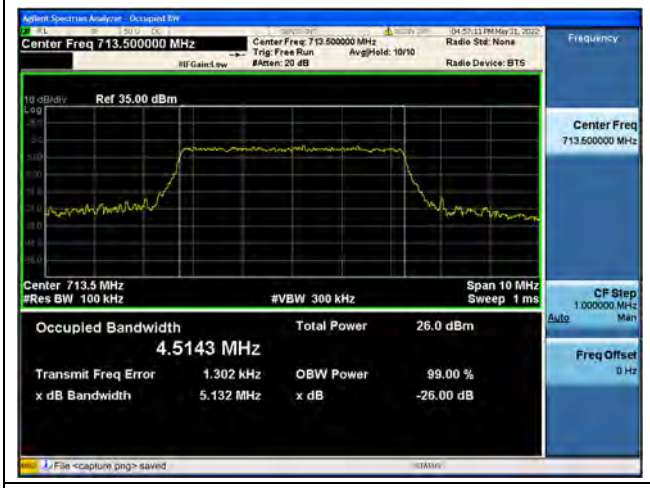


B12 / 5MHz / QPSK/ High CH



B12 / 5MHz / 16QAM/ High CH

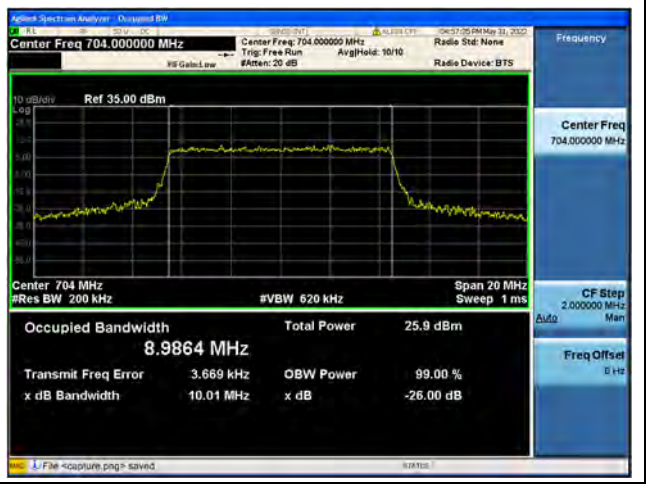
B12 / 5MHz / 64QAM/ High CH



B12 / 10MHz / QPSK/ Low CH

B12 / 10MHz / 16QAM/ Low CH

B12 / 10MHz / 64QAM/ Low CH

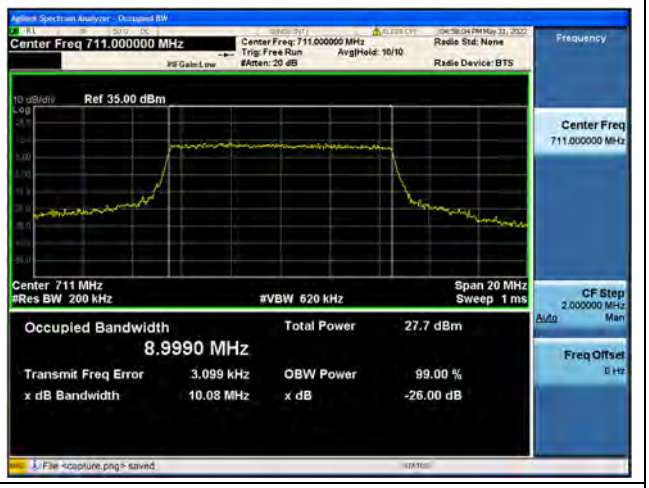


B12 / 10MHz / QPSK/ Mid CH

B12 / 10MHz / 16QAM/ Mid CH

B12 / 10MHz / 64QAM/ Mid CH

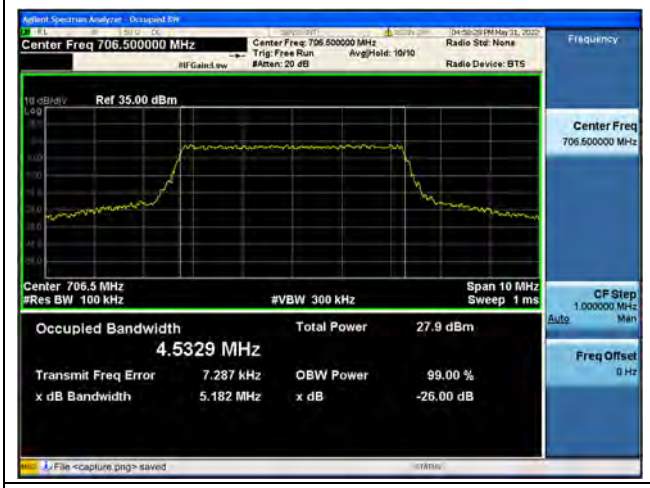
B12 / 10MHz / QPSK/ High CH



B12 / 10MHz / 16QAM/ High CH

B12 / 10MHz / 64QAM/ High CH

B17 / 5MHz / QPSK/ Low CH



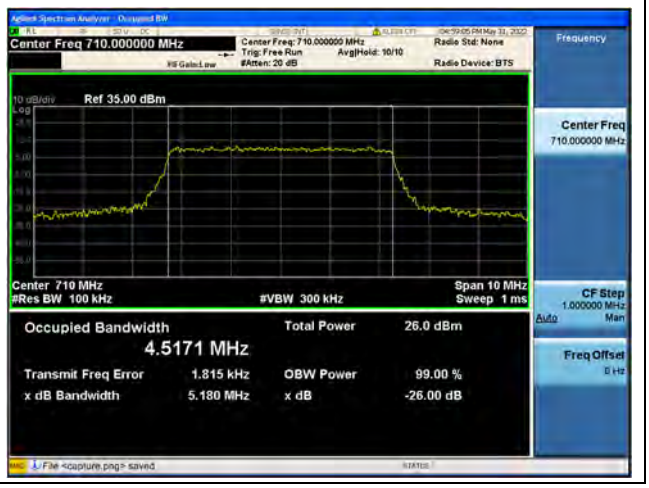
B17 / 5MHz / 16QAM/ Low CH

B17 / 5MHz / 64QAM/ Low CH

B17 / 5MHz / QPSK/ Mid CH

B17 / 5MHz / 16QAM/ Mid CH

B17 / 5MHz / 64QAM/ Mid CH

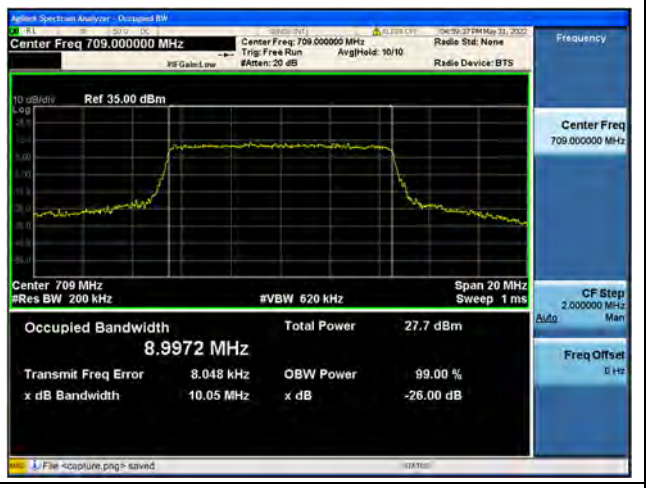


B17 / 5MHz / QPSK/ High CH

B17 / 5MHz / 16QAM/ High CH

B17 / 5MHz / 64QAM/ High CH

B17 / 10MHz / QPSK/ Low CH



B17 / 10MHz / 16QAM/ Low CH

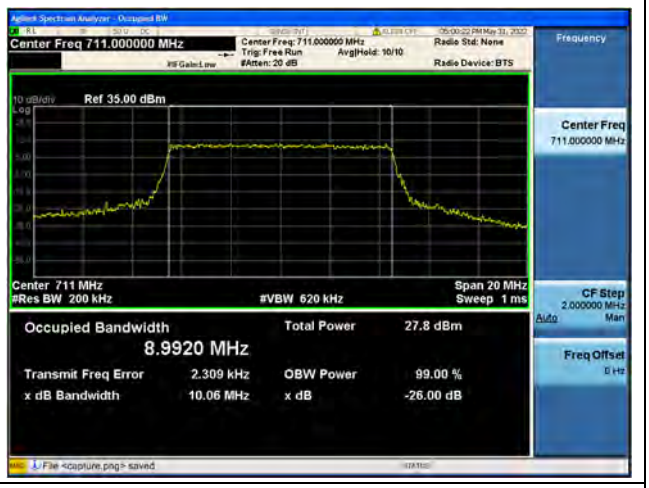
B17 / 10MHz / 64QAM/ Low CH

B17 / 10MHz / QPSK/ Mid CH

B17 / 10MHz / 16QAM/ Mid CH

B17 / 10MHz / 64QAM/ Mid CH

B17 / 10MHz / QPSK/ High CH

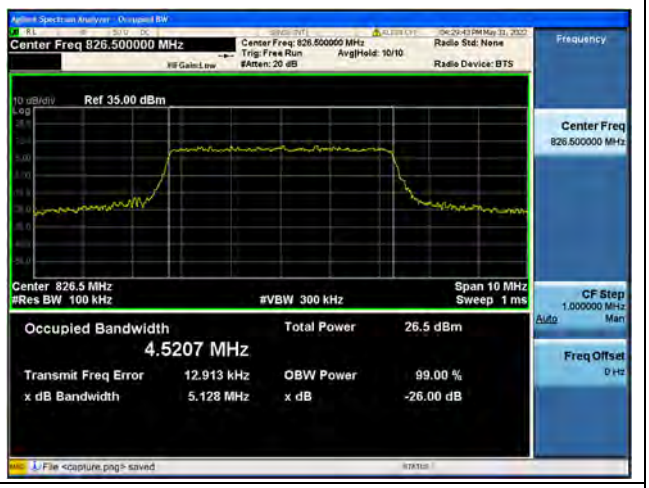


B17 / 10MHz / 16QAM/ High CH

B17 / 10MHz / 64QAM/ High CH

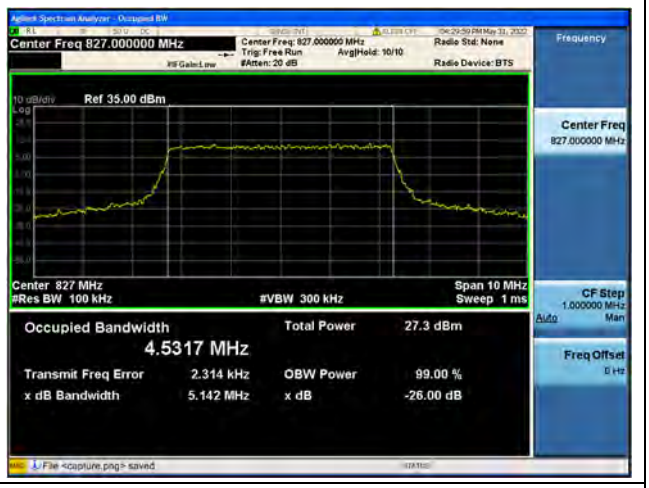
B18Part22 / 5MHz / QPSK/ Low CH

B18Part22 / 5MHz / 16QAM/ Low CH



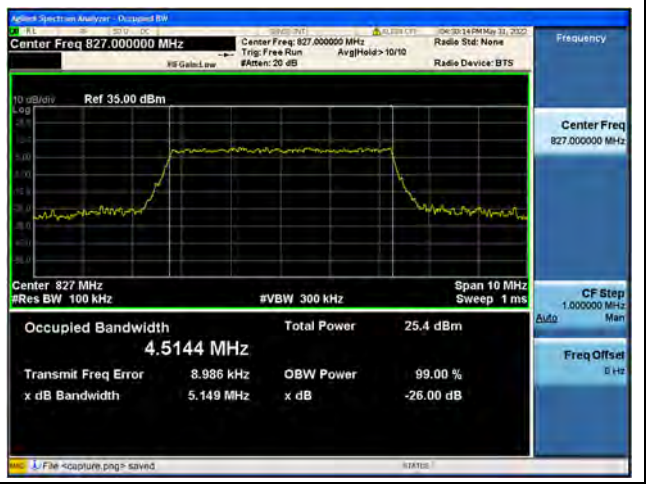
B18Part22 / 5MHz / 64QAM/ Low CH

B18Part22 / 5MHz / QPSK/ Mid CH



B18Part22 / 5MHz / 16QAM/ Mid CH

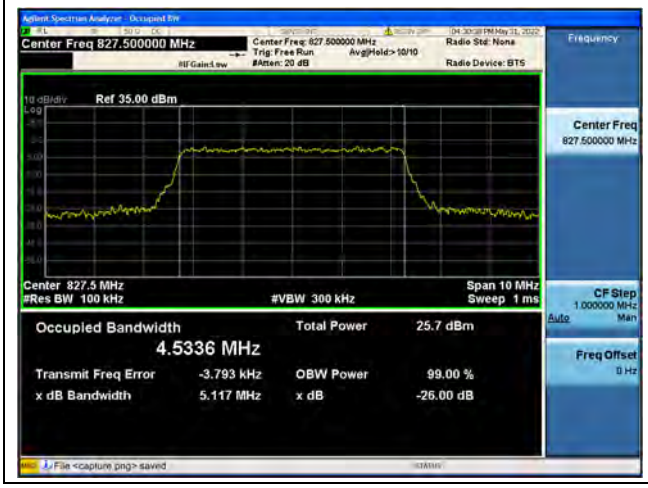
B18Part22 / 5MHz / 64QAM/ Mid CH



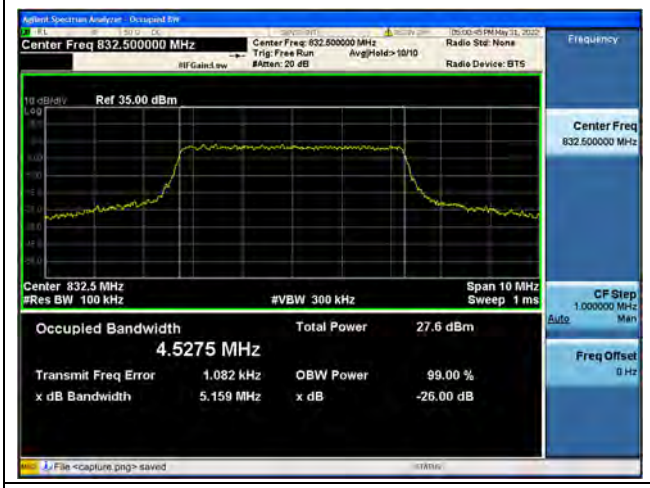
B18Part22 / 5MHz / QPSK/ High CH

B18Part22 / 5MHz / 16QAM/ High CH

B18Part22 / 5MHz / 64QAM/ High CH

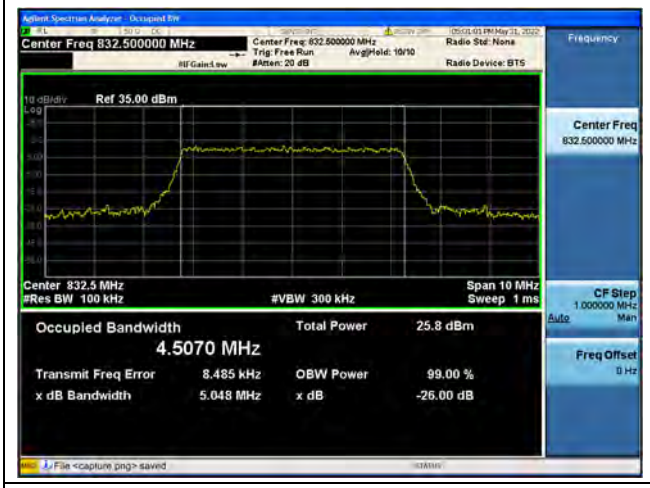


B19 / 5MHz / QPSK/ Low CH



B19 / 5MHz / 16QAM/ Low CH

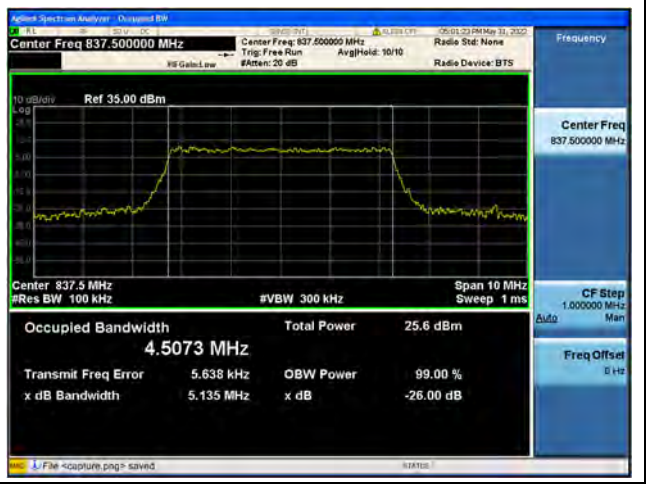
B19 / 5MHz / 64QAM/ Low CH



B19 / 5MHz / QPSK/ Mid CH

B19 / 5MHz / 16QAM/ Mid CH

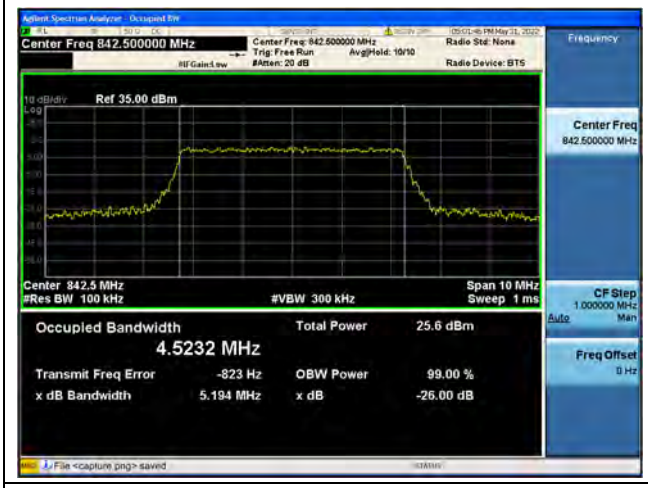
B19 / 5MHz / 64QAM/ Mid CH



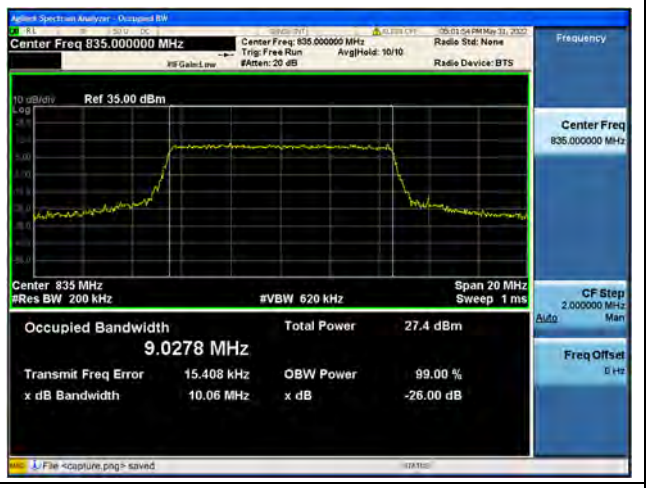
B19 / 5MHz / QPSK/ High CH

B19 / 5MHz / 16QAM/ High CH

B19 / 5MHz / 64QAM/ High CH



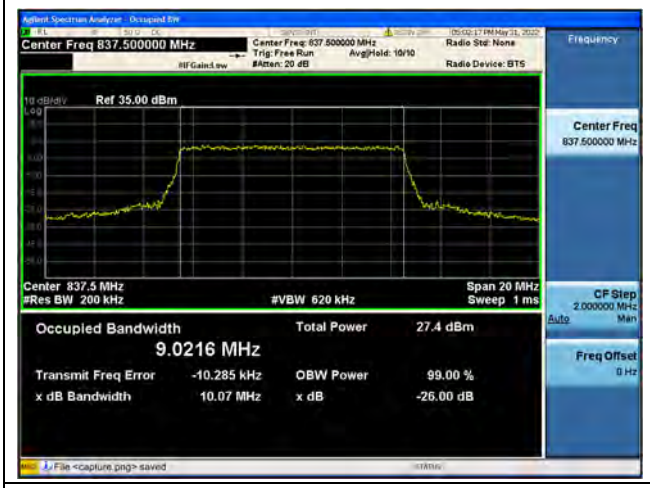
B19 / 10MHz / QPSK/ Low CH



B19 / 10MHz / 16QAM/ Low CH

B19 / 10MHz / 64QAM/ Low CH

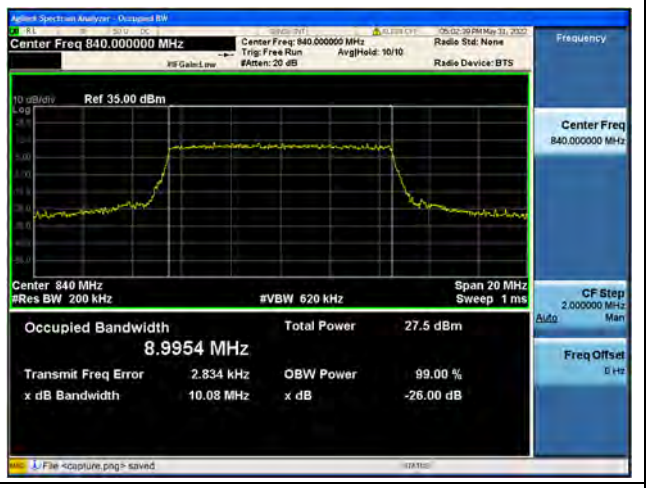
B19 / 10MHz / QPSK/ Mid CH



B19 / 10MHz / 16QAM/ Mid CH

B19 / 10MHz / 64QAM/ Mid CH

B19 / 10MHz / QPSK/ High CH



B19 / 10MHz / 16QAM/ High CH

B19 / 10MHz / 64QAM/ High CH

B19 / 15MHz / QPSK/ Low CH

B19 / 15MHz / 16QAM/ Low CH

B19 / 15MHz / 64QAM/ Low CH

B19 / 15MHz / QPSK/ Mid CH

B19 / 15MHz / 16QAM/ Mid CH

B19 / 15MHz / 64QAM/ Mid CH

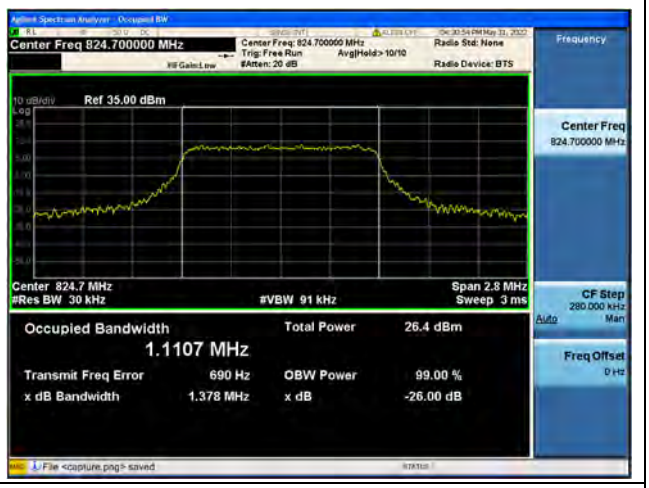
B19 / 15MHz / QPSK/ High CH

B19 / 15MHz / 16QAM/ High CH

B19 / 15MHz / 64QAM/ High CH

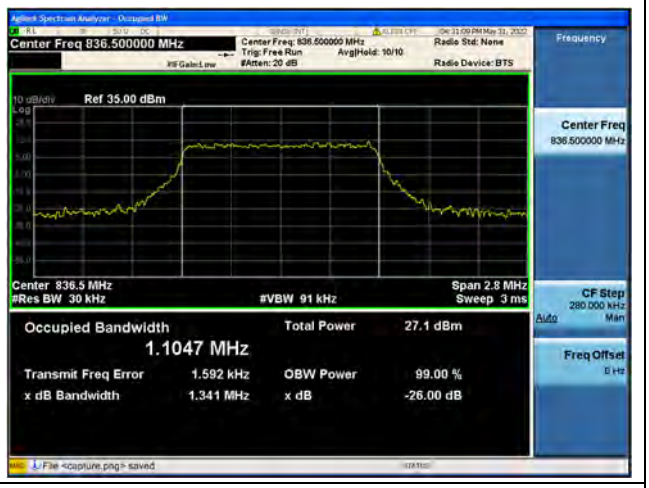
Band26 / 1.4MHz / Low CH / QPSK

Band26 / 1.4MHz / Low CH / 16QAM



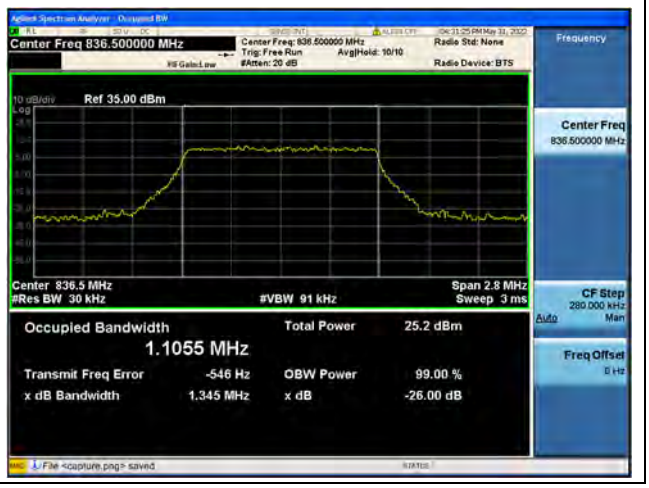
Band26 / 1.4MHz / Low CH / 64QAM

Band26 / 1.4MHz / Mid CH / QPSK



Band26 / 1.4MHz / Mid CH / 16QAM

Band26 / 1.4MHz / Mid CH / 64QAM



Band26 / 1.4MHz / High CH / QPSK

Band26 / 1.4MHz / High CH / 16QAM

Band26 / 1.4MHz / High CH / 64QAM

Band26 / 3MHz / Low CH / QPSK

Band26 / 3MHz / Low CH / 16QAM

Band26 / 3MHz / Low CH / 64QAM