



TEST REPORT

APPLICANT : Shenzhen Tengfei Technology Management Ltd.

PRODUCT NAME : 5G Mobile Phone

MODEL NAME : NX729J

BRAND NAME : REDMAGIC

FCC ID : 2A9QD-NX729J

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

RECEIPT DATE : 2022-11-01

TEST DATE : 2022-11-04 to 2022-12-12

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Change History		
Version	Date	Reason for change
1.0	2022-12-16	First edition



1. Technical Information

Note: Provide by applicant.

1.1. Applicant and Manufacturer Information

Applicant:	Shenzhen Tengfei Technology Management Ltd.
Applicant Address:	Room 3101, Building D1, Chuangzhi Yuncheng, Liuxian Avenue, Xili Street, Nanshan, Shenzhen, China
Manufacturer:	Shenzhen Tengfei Technology Management Ltd.
Manufacturer Address:	Room 3101, Building D1, Chuangzhi Yuncheng, Liuxian Avenue, Xili Street, Nanshan, Shenzhen, China

1.2. Equipment Under Test (EUT) Description

Product Name:	5G Mobile Phone	
Sample No.:	3#	
Hardware Version:	NX729J_V1AMB	
Software Version:	NX729J_UNCommon_V3.03	
Modulation Type:	QPSK, 16QAM, 64QAM	
Carrier Aggregation:	41A-41A, 41A-41A-41A (Downlink only)	
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:	PIFA Antenna	
Antenna Gain:	Top Antenna	
	LTE Band 2	-1.3dBi
	LTE Band 4	-1.5dBi
	LTE Band 5	-3.4dBi
	LTE Band 7	-1.5dBi
	LTE Band 12	-4.7dBi
	LTE Band 17	-4.7dBi
	LTE Band 18	-3.4dBi
	LTE Band 19	-3.4dBi
	LTE Band 26	-3.4dBi
	LTE Band 38	-1.5dBi
	LTE Band 40	-1.5dBi
	LTE Band 41	-1.5dBi
	LTE Band 66	-1.5dBi
Antenna Gain:	Bottom Antenna	
	LTE Band 2	-2.1dBi
	LTE Band 4	-3.0dBi
	LTE Band 5	-4.5dBi
	LTE Band 7	-2.2dBi
	LTE Band 12	-4.9dBi
	LTE Band 17	-4.9dBi
	LTE Band 18	-4.5dBi
	LTE Band 19	-4.5dBi
	LTE Band 26	-4.5dBi
	LTE Band 38	-2.2dBi
	LTE Band 40	-2.2dBi
	LTE Band 41	-2.2dBi
	LTE Band 66	-3.0dBi



Accessory Information:	Battery	
	Brand Name:	ATL
	Model No.:	Li3928T89P8h603285
	Serial No.:	N/A
	Capacity:	2860mAh
	Rated Voltage:	7.78V
	Charge Limit:	8.9V
	Manufacturer:	Dongguan Amperex Technology Limited
	AC Adapter	
	Brand Name:	N/A
	Model No.:	STC-A59152050AC-Z
	Serial No.:	N/A
	Rated Output:	5V=3A, 9V=3A, 15V=3A, 20V=3.25A, PPS: 5.0V-11.0V=5.0A, 5.0V-20.0V=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)					
	Top Antenna			Bottom Antenna		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20	0.153	0.132	0.104	0.127	0.110	0.086
15	0.151	0.136	0.104	0.126	0.113	0.086
10	0.152	0.136	0.103	0.126	0.113	0.085
5	0.151	0.134	0.103	0.126	0.111	0.086
3	0.152	0.135	0.103	0.126	0.112	0.086
1.4	0.152	0.135	0.103	0.126	0.112	0.085
LTE Band 4	Maximum E.R.P./E.I.R.P. (W)					
	Top Antenna			Bottom Antenna		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20	0.146	0.120	0.096	0.104	0.085	0.068
15	0.143	0.124	0.095	0.101	0.088	0.067
10	0.144	0.125	0.094	0.102	0.088	0.067
5	0.143	0.125	0.095	0.101	0.089	0.067
3	0.144	0.126	0.094	0.102	0.089	0.066
1.4	0.146	0.126	0.095	0.104	0.089	0.067
LTE Band 5	Maximum E.R.P./E.I.R.P. (W)					
	Top Antenna			Bottom Antenna		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10	0.058	0.049	0.038	0.045	0.038	0.029
5	0.058	0.050	0.037	0.045	0.039	0.029
3	0.058	0.048	0.037	0.045	0.037	0.029
1.4	0.058	0.048	0.038	0.045	0.037	0.030
LTE Band 7	Maximum E.R.P./E.I.R.P. (W)					
	Top Antenna			Bottom Antenna		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20	0.147	0.123	0.097	0.125	0.104	0.083
15	0.147	0.122	0.097	0.125	0.104	0.082
10	0.146	0.121	0.097	0.124	0.103	0.083
5	0.147	0.122	0.097	0.125	0.104	0.083



LTE Band 12	Maximum E.R.P./E.I.R.P. (W)					
	Top Antenna			Bottom Antenna		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10	0.042	0.036	0.029	0.040	0.034	0.028
5	0.041	0.036	0.029	0.039	0.034	0.027
3	0.042	0.035	0.029	0.040	0.034	0.027
1.4	0.042	0.036	0.029	0.040	0.034	0.028
LTE Band 17	Maximum E.R.P./E.I.R.P. (W)					
	Top Antenna			Bottom Antenna		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10	0.042	0.036	0.029	0.040	0.034	0.027
5	0.042	0.035	0.028	0.040	0.034	0.027
LTE Band 18	Maximum E.R.P./E.I.R.P. (W)					
	Top Antenna			Bottom Antenna		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
5	0.055	0.047	0.038	0.043	0.036	0.030
LTE Band 19	Maximum E.R.P./E.I.R.P. (W)					
	Top Antenna			Bottom Antenna		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
15	0.058	0.047	0.039	0.045	0.037	0.031
10	0.057	0.049	0.041	0.044	0.038	0.032
5	0.057	0.047	0.041	0.044	0.037	0.032
LTE Band 26	Maximum E.R.P./E.I.R.P. (W)					
	Top Antenna			Bottom Antenna		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
15	0.058	0.047	0.038	0.045	0.037	0.029
10	0.057	0.046	0.037	0.045	0.036	0.029
5	0.058	0.047	0.037	0.045	0.036	0.029
3	0.058	0.047	0.037	0.045	0.036	0.029
1.4	0.057	0.047	0.037	0.045	0.036	0.029
LTE Band 38	Maximum E.R.P./E.I.R.P. (W)					
	Top Antenna			Bottom Antenna		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20	0.149	0.121	0.098	0.127	0.103	0.084
15	0.148	0.120	0.096	0.126	0.102	0.082
10	0.147	0.119	0.098	0.125	0.102	0.084
5	0.147	0.121	0.098	0.125	0.103	0.083



LTE Band 40 Block A	Maximum E.R.P./E.I.R.P. (W)					
	Top Antenna			Bottom Antenna		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10	0.153	0.129	0.102	0.130	0.109	0.087
5	0.151	0.128	0.101	0.129	0.109	0.086
LTE Band 40 Block B	Maximum E.R.P./E.I.R.P. (W)					
	Top Antenna			Bottom Antenna		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10	0.151	0.124	0.098	0.129	0.106	0.083
5	0.150	0.124	0.102	0.127	0.106	0.087
LTE Band 41	Maximum E.R.P./E.I.R.P. (W)					
	Top Antenna			Bottom Antenna		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20	0.149	0.124	0.098	0.126	0.106	0.083
15	0.148	0.123	0.096	0.126	0.105	0.081
10	0.147	0.123	0.097	0.125	0.105	0.082
5	0.148	0.121	0.096	0.126	0.103	0.082
LTE Band 66	Maximum E.R.P./E.I.R.P. (W)					
	Top Antenna			Bottom Antenna		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20	0.148	0.123	0.100	0.105	0.087	0.071
15	0.141	0.122	0.099	0.100	0.087	0.070
10	0.141	0.123	0.099	0.100	0.087	0.070
5	0.142	0.121	0.099	0.101	0.086	0.070
3	0.140	0.122	0.100	0.099	0.086	0.071
1.4	0.145	0.121	0.099	0.103	0.086	0.070



LTE Band 2		Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	
1.4	1M11G7D	1M11W7D	1M11W7D	
3	2M72G7D	2M72W7D	2M73W7D	
5	4M53G7D	4M53W7D	4M52W7D	
10	9M01G7D	9M01W7D	9M01W7D	
15	13M5G7D	13M5W7D	13M5W7D	
20	18M0G7D	18M0W7D	18M0W7D	
LTE Band 4		Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	
1.4	1M11G7D	1M11W7D	1M10W7D	
3	2M72G7D	2M72W7D	2M72W7D	
5	4M54G7D	4M53W7D	4M52W7D	
10	9M02G7D	9M03W7D	9M01W7D	
15	13M5G7D	13M5W7D	13M5W7D	
20	18M0G7D	18M0W7D	18M0W7D	
LTE Band 5		Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	
1.4	1M11G7D	1M11W7D	1M11W7D	
3	2M72G7D	2M72W7D	2M72W7D	
5	4M53G7D	4M53W7D	4M52W7D	
10	9M02G7D	9M00W7D	9M02W7D	
LTE Band 7		Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	
5	4M53G7D	4M53W7D	4M53W7D	
10	9M01G7D	9M01W7D	9M01W7D	
15	13M5G7D	13M5W7D	13M5W7D	
20	18M0G7D	18M0W7D	18M0W7D	
LTE Band 12		Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	
1.4	1M10G7D	1M11W7D	1M11W7D	
3	2M71G7D	2M73W7D	2M72W7D	
5	4M53G7D	4M54W7D	4M54W7D	
10	8M99G7D	9M01W7D	9M01W7D	
LTE Band 17		Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	
5	4M52G7D	4M55W7D	4M53W7D	
10	9M02G7D	9M02W7D	9M03W7D	



LTE Band 18	Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM
5	4M53G7D	4M53W7D	4M53W7D
LTE Band 19	Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM
5	4M54G7D	4M52W7D	4M51W7D
10	9M01G7D	9M01W7D	9M00W7D
15	13M5G7D	13M5W7D	13M5W7D
LTE Band 26	Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM
1.4	1M11G7D	1M11W7D	1M11W7D
3	2M74G7D	2M72W7D	2M72W7D
5	4M53G7D	4M53W7D	4M53W7D
10	9M01G7D	9M02W7D	9M00W7D
15	13M5G7D	13M5W7D	13M5W7D
LTE Band 38	Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM
5	4M52G7D	4M53W7D	4M53W7D
10	9M00G7D	9M01W7D	9M01W7D
15	13M5G7D	13M5W7D	13M5W7D
20	18M0G7D	18M0W7D	18M0W7D
LTE Band 40 Block A	Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM
5	4M53G7D	4M52W7D	4M52W7D
10	8M99G7D	9M02W7D	9M01W7D
LTE Band 40 Block B	Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM
5	4M52G7D	4M51W7D	4M52W7D
10	9M01G7D	9M03W7D	8M99W7D
LTE Band 41	Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM
5	4M53G7D	4M52W7D	4M53W7D
10	8M99G7D	9M02W7D	9M02W7D
15	13M5G7D	13M5W7D	13M5W7D
20	18M0G7D	18M0W7D	18M0W7D



LTE Band 66	Emission Designator (99%OBW)		
	BW(MHz)	QPSK	16QAM
1.4	1M11G7D	1M11W7D	1M11W7D
3	2M72G7D	2M72W7D	2M72W7D
5	4M53G7D	4M52W7D	4M52W7D
10	9M01G7D	9M02W7D	9M02W7D
15	13M5G7D	13M5W7D	13M5W7D
20	18M0G7D	18M0W7D	18M0W7D



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)(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.	Dec. 12, 2022	Chen Hao Li Huaijie	PASS	No deviation
2.1049	Occupied Bandwidth	Nov. 07, 2022	Li Huaijie	PASS	No deviation
2.1055 22.355 24.235 27.54	Frequency Stability	Nov. 28, 2022	Li Huaijie	PASS	No deviation
24.232(d), 27.50(d)(5)	Peak to Average Radio	Nov. 07, 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	Nov. 07, 2022	Li Huaijie	PASS	No deviation
2.1051 22.917(a)	Band Edge	Nov. 04, 2022	Li Huaijie	PASS	No deviation



24.238(a) 27.53(a)(4) 27.53(g) 27.53(h) 27.53(m)(4)					
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	Nov. 24&25, 2022	Su Zhan	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 D&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.

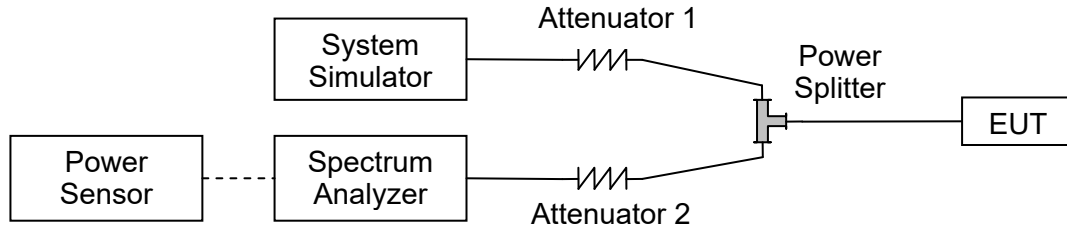
According to FCC section 22.913 (a)(2) for LTE Band 5/18/19/26, the E.R.P. of mobile transmitters and auxiliary test transmitters must not exceed 7 watts.

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.

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

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



2.1.4. Result

Conducted Output Power:

LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18700	18900	19100
Frequency (MHz)				1860	1880	1900
20	QPSK	1	0	23.12	23.14	23.07
20	QPSK	1	49	23.11	23.13	23.06
20	QPSK	1	99	23.03	23.10	23.07
20	QPSK	50	0	22.17	22.29	22.18
20	QPSK	50	24	22.21	22.15	22.13
20	QPSK	50	50	22.18	22.21	22.14
20	QPSK	100	0	22.21	22.22	22.11
20	16QAM	1	0	22.48	22.39	22.22
20	16QAM	1	49	22.36	22.45	22.40
20	16QAM	1	99	22.46	22.23	22.50
20	16QAM	50	0	21.29	21.24	21.28
20	16QAM	50	24	21.38	21.23	21.22
20	16QAM	50	50	21.25	21.28	21.30
20	16QAM	100	0	21.23	21.25	21.21
20	64QAM	1	0	21.33	21.47	21.42
20	64QAM	1	49	21.36	21.40	21.30
20	64QAM	1	99	21.46	21.34	21.16
20	64QAM	50	0	21.31	21.20	21.20
20	64QAM	50	24	21.14	21.15	21.22
20	64QAM	50	50	21.27	21.20	21.25
20	64QAM	100	0	21.19	21.22	21.21



LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18675	18900	19125
Frequency (MHz)				1857.5	1880	1902.5
15	QPSK	1	0	23.04	23.09	23.00
15	QPSK	1	37	23.08	23.09	23.03
15	QPSK	1	74	22.94	23.09	23.06
15	QPSK	36	0	22.13	22.19	22.08
15	QPSK	36	20	22.27	22.08	22.09
15	QPSK	36	39	22.17	22.14	22.05
15	QPSK	75	0	22.16	22.14	22.01
15	16QAM	1	0	22.44	22.33	22.16
15	16QAM	1	37	22.43	22.55	22.35
15	16QAM	1	74	22.48	22.63	22.49
15	16QAM	36	0	21.28	21.15	21.22
15	16QAM	36	20	21.34	21.14	21.14
15	16QAM	36	39	21.21	21.26	21.28
15	16QAM	75	0	21.13	21.21	21.20
15	64QAM	1	0	21.30	21.46	21.37
15	64QAM	1	37	21.30	21.30	21.25
15	64QAM	1	74	21.44	21.29	21.10
15	64QAM	36	0	21.28	21.10	21.13
15	64QAM	36	20	21.05	21.12	21.15
15	64QAM	36	39	21.23	21.18	21.17
15	64QAM	75	0	21.13	21.19	21.20



LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18650	18900	19150
Frequency (MHz)				1855	1880	1905
10	QPSK	1	0	23.11	23.12	23.05
10	QPSK	1	25	23.04	23.08	23.00
10	QPSK	1	49	22.95	23.09	22.99
10	QPSK	25	0	22.11	22.28	22.13
10	QPSK	25	12	22.19	22.06	22.12
10	QPSK	25	25	22.09	22.19	22.07
10	QPSK	50	0	22.12	22.18	22.05
10	16QAM	1	0	22.42	22.34	22.15
10	16QAM	1	25	22.42	22.59	22.39
10	16QAM	1	49	22.44	22.64	22.45
10	16QAM	25	0	21.21	21.20	21.23
10	16QAM	25	12	21.30	21.16	21.18
10	16QAM	25	25	21.24	21.19	21.26
10	16QAM	50	0	21.22	21.19	21.12
10	64QAM	1	0	21.23	21.38	21.40
10	64QAM	1	25	21.34	21.39	21.28
10	64QAM	1	49	21.41	21.27	21.06
10	64QAM	25	0	21.30	21.10	21.11
10	64QAM	25	12	21.06	21.12	21.16
10	64QAM	25	25	21.23	21.18	21.19
10	64QAM	50	0	21.12	21.13	21.19



LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18625	18900	19175
Frequency (MHz)				1852.5	1880	1907.5
5	QPSK	1	0	23.10	23.10	23.01
5	QPSK	1	12	23.01	23.03	23.05
5	QPSK	1	24	23.02	23.08	22.98
5	QPSK	12	0	22.08	22.24	22.12
5	QPSK	12	7	22.22	22.10	22.04
5	QPSK	12	13	22.15	22.15	22.04
5	QPSK	25	0	22.19	22.18	22.03
5	16QAM	1	0	22.38	22.37	22.18
5	16QAM	1	12	22.41	22.57	22.38
5	16QAM	1	24	22.46	22.57	22.42
5	16QAM	12	0	21.27	21.17	21.24
5	16QAM	12	7	21.28	21.18	21.14
5	16QAM	12	13	21.20	21.20	21.26
5	16QAM	25	0	21.14	21.16	21.12
5	64QAM	1	0	21.24	21.44	21.36
5	64QAM	1	12	21.27	21.35	21.25
5	64QAM	1	24	21.43	21.31	21.12
5	64QAM	12	0	21.29	21.19	21.17
5	64QAM	12	7	21.11	21.08	21.16
5	64QAM	12	13	21.23	21.11	21.24
5	64QAM	25	0	21.18	21.19	21.12



LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18615	18900	19185
Frequency (MHz)				1851.5	1880	1908.5
3	QPSK	1	0	23.01	23.11	22.97
3	QPSK	1	8	23.05	23.10	23.01
3	QPSK	1	14	22.97	23.00	22.98
3	QPSK	8	0	22.10	22.22	22.14
3	QPSK	8	4	22.18	22.12	22.11
3	QPSK	8	7	22.14	22.13	22.11
3	QPSK	15	0	22.11	22.13	22.05
3	16QAM	1	0	22.38	22.38	22.15
3	16QAM	1	8	22.42	22.56	22.38
3	16QAM	1	14	22.48	22.59	22.47
3	16QAM	8	0	21.22	21.15	21.21
3	16QAM	8	4	21.35	21.15	21.16
3	16QAM	8	7	21.15	21.21	21.27
3	16QAM	15	0	21.14	21.17	21.18
3	64QAM	1	0	21.32	21.40	21.40
3	64QAM	1	8	21.32	21.34	21.21
3	64QAM	1	14	21.44	21.29	21.06
3	64QAM	8	0	21.25	21.10	21.10
3	64QAM	8	4	21.09	21.08	21.12
3	64QAM	8	7	21.18	21.12	21.21
3	64QAM	15	0	21.12	21.14	21.18



LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18607	18900	19193
Frequency (MHz)				1850.7	1880	1909.3
1.4	QPSK	1	0	23.01	23.09	22.98
1.4	QPSK	1	3	23.01	23.04	22.97
1.4	QPSK	1	5	22.97	23.08	23.02
1.4	QPSK	3	0	23.11	23.06	23.11
1.4	QPSK	3	1	23.10	23.10	23.08
1.4	QPSK	3	3	23.08	23.12	23.12
1.4	QPSK	6	0	22.12	22.12	22.01
1.4	16QAM	1	0	22.39	22.36	22.13
1.4	16QAM	1	3	22.48	22.56	22.39
1.4	16QAM	1	5	22.43	22.59	22.49
1.4	16QAM	3	0	22.21	22.21	22.24
1.4	16QAM	3	1	22.36	22.15	22.12
1.4	16QAM	3	3	22.18	22.25	22.20
1.4	16QAM	6	0	21.16	21.15	21.12
1.4	64QAM	1	0	21.23	21.38	21.41
1.4	64QAM	1	3	21.33	21.35	21.27
1.4	64QAM	1	5	21.39	21.33	21.11
1.4	64QAM	3	0	21.23	21.16	21.19
1.4	64QAM	3	1	21.10	21.14	21.20
1.4	64QAM	3	3	21.20	21.13	21.20
1.4	64QAM	6	0	21.10	21.12	21.13



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	23.12	23.16	23.15
20	QPSK	1	49	23.06	23.07	23.08
20	QPSK	1	99	22.98	23.00	23.03
20	QPSK	50	0	22.17	22.23	22.10
20	QPSK	50	24	22.15	22.18	22.19
20	QPSK	50	50	22.12	22.15	22.21
20	QPSK	100	0	22.09	22.18	22.13
20	16QAM	1	0	21.82	22.07	22.13
20	16QAM	1	49	22.07	22.13	22.28
20	16QAM	1	99	22.14	22.13	22.24
20	16QAM	50	0	21.20	21.16	21.21
20	16QAM	50	24	21.23	21.12	21.16
20	16QAM	50	50	21.28	21.14	21.15
20	16QAM	100	0	21.20	21.19	21.17
20	64QAM	1	0	21.32	21.26	21.30
20	64QAM	1	49	21.12	21.14	21.30
20	64QAM	1	99	21.22	21.23	21.34
20	64QAM	50	0	21.14	21.11	21.12
20	64QAM	50	24	21.13	21.15	21.28
20	64QAM	50	50	21.17	21.14	21.32
20	64QAM	100	0	21.15	21.12	21.23



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	23.04	23.01
15	QPSK	1	37	22.96	22.92	23.01
15	QPSK	1	74	22.87	22.90	22.94
15	QPSK	36	0	22.03	22.12	22.03
15	QPSK	36	20	22.07	22.07	22.10
15	QPSK	36	39	22.01	22.01	22.09
15	QPSK	75	0	21.96	22.09	22.03
15	16QAM	1	0	22.16	22.35	21.98
15	16QAM	1	37	22.44	22.39	22.39
15	16QAM	1	74	22.06	22.07	22.13
15	16QAM	36	0	21.07	21.10	21.13
15	16QAM	36	20	21.11	21.06	21.10
15	16QAM	36	39	21.16	21.00	21.09
15	16QAM	75	0	21.12	21.13	21.10
15	64QAM	1	0	21.20	21.19	21.15
15	64QAM	1	37	21.17	21.20	21.19
15	64QAM	1	74	21.07	21.13	21.28
15	64QAM	36	0	21.08	21.03	21.05
15	64QAM	36	20	21.03	21.00	21.16
15	64QAM	36	39	21.02	21.05	21.21
15	64QAM	75	0	21.05	20.98	21.16



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	23.00	23.09	23.04
10	QPSK	1	25	22.94	22.96	22.96
10	QPSK	1	49	22.89	22.86	22.89
10	QPSK	25	0	22.04	22.15	21.97
10	QPSK	25	12	22.02	22.10	22.11
10	QPSK	25	25	22.01	22.07	22.14
10	QPSK	50	0	21.96	22.04	22.06
10	16QAM	1	0	22.17	22.40	22.07
10	16QAM	1	25	22.38	22.46	22.34
10	16QAM	1	49	22.22	22.06	22.14
10	16QAM	25	0	21.11	21.04	21.12
10	16QAM	25	12	21.17	20.97	21.05
10	16QAM	25	25	21.18	21.07	21.04
10	16QAM	50	0	21.14	21.07	21.08
10	64QAM	1	0	21.17	21.13	21.21
10	64QAM	1	25	21.06	21.07	21.24
10	64QAM	1	49	21.12	21.09	21.24
10	64QAM	25	0	21.06	21.03	21.05
10	64QAM	25	12	21.05	21.03	21.20
10	64QAM	25	25	21.06	21.02	21.17
10	64QAM	50	0	21.00	20.99	21.14



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	22.99	23.05	23.02
5	QPSK	1	12	22.97	22.93	22.94
5	QPSK	1	24	22.90	22.90	22.90
5	QPSK	12	0	22.08	22.17	21.95
5	QPSK	12	7	22.02	22.12	22.04
5	QPSK	12	13	21.98	22.00	22.07
5	QPSK	25	0	21.99	22.10	21.99
5	16QAM	1	0	22.14	22.47	22.05
5	16QAM	1	12	22.44	22.48	22.33
5	16QAM	1	24	22.06	21.99	22.14
5	16QAM	12	0	21.06	21.08	21.11
5	16QAM	12	7	21.08	20.99	21.05
5	16QAM	12	13	21.20	21.07	21.01
5	16QAM	25	0	21.08	21.08	21.02
5	64QAM	1	0	21.26	21.20	21.18
5	64QAM	1	12	21.17	21.21	21.21
5	64QAM	1	24	21.16	21.12	21.27
5	64QAM	12	0	20.99	21.00	21.04
5	64QAM	12	7	21.06	21.07	21.17
5	64QAM	12	13	21.05	21.03	21.26
5	64QAM	25	0	21.00	20.99	21.17



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	22.99	23.08	23.02
3	QPSK	1	8	23.00	22.93	23.02
3	QPSK	1	14	22.86	22.91	22.94
3	QPSK	8	0	22.03	22.13	22.02
3	QPSK	8	4	22.03	22.11	22.11
3	QPSK	8	7	21.98	22.08	22.06
3	QPSK	15	0	21.96	22.08	22.04
3	16QAM	1	0	22.14	22.41	22.03
3	16QAM	1	8	22.40	22.49	22.34
3	16QAM	1	14	22.02	22.02	22.16
3	16QAM	8	0	21.10	21.03	21.11
3	16QAM	8	4	21.12	21.05	21.07
3	16QAM	8	7	21.20	21.02	21.04
3	16QAM	15	0	21.08	21.07	21.08
3	64QAM	1	0	21.21	21.17	21.15
3	64QAM	1	8	21.20	21.20	21.20
3	64QAM	1	14	21.13	21.09	21.21
3	64QAM	8	0	21.03	21.01	21.03
3	64QAM	8	4	20.98	21.01	21.18
3	64QAM	8	7	21.09	21.03	21.22
3	64QAM	15	0	21.09	21.04	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				19957	20175	20393
Frequency (MHz)				1710.7	1732.5	1754.3
1.4	QPSK	1	0	23.01	23.02	23.02
1.4	QPSK	1	3	22.95	22.92	23.00
1.4	QPSK	1	5	22.91	22.94	22.89
1.4	QPSK	3	0	23.08	23.15	23.00
1.4	QPSK	3	1	23.03	23.08	23.11
1.4	QPSK	3	3	23.06	23.06	23.06
1.4	QPSK	6	0	21.94	22.04	21.99
1.4	16QAM	1	0	22.20	22.40	22.06
1.4	16QAM	1	3	22.42	22.49	22.37
1.4	16QAM	1	5	22.00	22.03	22.13
1.4	16QAM	3	0	22.12	22.10	22.06
1.4	16QAM	3	1	22.16	22.00	22.05
1.4	16QAM	3	3	22.13	22.08	22.05
1.4	16QAM	6	0	21.14	21.09	21.11
1.4	64QAM	1	0	21.17	21.14	21.17
1.4	64QAM	1	3	21.06	21.01	21.22
1.4	64QAM	1	5	21.14	21.10	21.28
1.4	64QAM	3	0	21.00	21.00	21.06
1.4	64QAM	3	1	20.98	21.00	21.18
1.4	64QAM	3	3	21.04	21.07	21.18
1.4	64QAM	6	0	21.05	21.06	21.16



LTE Band 5						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20450	20525	20600
Frequency (MHz)				829	836.5	844
10	QPSK	1	0	23.21	23.22	23.14
10	QPSK	1	25	23.17	23.20	23.09
10	QPSK	1	49	23.09	23.16	22.91
10	QPSK	25	0	22.27	22.35	22.21
10	QPSK	25	12	22.34	22.31	22.26
10	QPSK	25	25	22.26	22.22	22.25
10	QPSK	50	0	22.15	22.17	22.14
10	16QAM	1	0	22.24	22.14	22.10
10	16QAM	1	25	22.23	22.41	22.27
10	16QAM	1	49	22.20	22.21	22.13
10	16QAM	25	0	21.19	21.10	21.07
10	16QAM	25	12	21.11	21.07	21.04
10	16QAM	25	25	21.19	21.15	21.10
10	16QAM	50	0	21.23	21.09	21.06
10	64QAM	1	0	21.25	21.32	21.21
10	64QAM	1	25	21.12	21.10	21.16
10	64QAM	1	49	21.27	21.07	21.23
10	64QAM	25	0	21.22	21.15	21.10
10	64QAM	25	12	21.30	21.10	21.15
10	64QAM	25	25	21.14	21.15	21.10
10	64QAM	50	0	21.15	21.12	21.14



LTE Band 5						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20425	20525	20625
Frequency (MHz)				826.5	836.5	846.5
5	QPSK	1	0	23.18	23.19	23.11
5	QPSK	1	12	23.14	23.14	23.07
5	QPSK	1	24	23.04	23.11	22.85
5	QPSK	12	0	22.26	22.32	22.08
5	QPSK	12	7	22.30	22.28	22.23
5	QPSK	12	13	22.16	22.18	22.15
5	QPSK	25	0	22.20	22.18	22.23
5	16QAM	1	0	22.34	22.25	22.20
5	16QAM	1	12	22.33	22.53	22.39
5	16QAM	1	24	22.32	22.29	22.25
5	16QAM	12	0	21.25	21.21	21.12
5	16QAM	12	7	21.19	21.18	21.10
5	16QAM	12	13	21.24	21.23	21.17
5	16QAM	25	0	21.33	21.14	21.11
5	64QAM	1	0	21.19	21.26	21.19
5	64QAM	1	12	21.02	21.09	21.11
5	64QAM	1	24	21.22	20.98	21.14
5	64QAM	12	0	21.15	21.11	21.04
5	64QAM	12	7	21.26	21.05	21.09
5	64QAM	12	13	21.06	21.06	21.00
5	64QAM	25	0	21.24	21.22	21.25



LTE Band 5						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20415	20525	20635
Frequency (MHz)				825.5	836.5	847.5
3	QPSK	1	0	23.09	23.17	23.13
3	QPSK	1	8	23.16	23.14	23.02
3	QPSK	1	14	23.00	23.09	22.83
3	QPSK	8	0	22.20	22.31	22.09
3	QPSK	8	4	22.30	22.28	22.21
3	QPSK	8	7	22.02	22.07	22.05
3	QPSK	15	0	22.07	22.06	22.10
3	16QAM	1	0	22.21	22.05	22.06
3	16QAM	1	8	22.21	22.39	22.20
3	16QAM	1	14	22.13	22.11	22.11
3	16QAM	8	0	21.16	21.04	21.00
3	16QAM	8	4	21.02	21.04	21.03
3	16QAM	8	7	21.13	21.05	21.02
3	16QAM	15	0	21.19	21.06	21.03
3	64QAM	1	0	21.17	21.23	21.18
3	64QAM	1	8	21.11	21.05	21.15
3	64QAM	1	14	21.23	21.04	21.20
3	64QAM	8	0	21.17	21.06	21.06
3	64QAM	8	4	21.26	21.09	21.11
3	64QAM	8	7	21.12	21.06	21.04
3	64QAM	15	0	21.05	21.11	21.05



LTE Band 5						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20407	20525	20643
Frequency (MHz)				824.7	836.5	848.3
1.4	QPSK	1	0	23.19	23.20	23.07
1.4	QPSK	1	3	23.12	23.12	23.01
1.4	QPSK	1	5	23.08	23.13	22.86
1.4	QPSK	3	0	23.08	23.19	22.93
1.4	QPSK	3	1	23.14	23.11	23.04
1.4	QPSK	3	3	23.03	23.07	23.10
1.4	QPSK	6	0	22.14	22.04	22.05
1.4	16QAM	1	0	22.21	22.09	22.02
1.4	16QAM	1	3	22.21	22.39	22.17
1.4	16QAM	1	5	22.19	22.16	22.08
1.4	16QAM	3	0	22.24	22.17	22.19
1.4	16QAM	3	1	22.23	22.18	22.12
1.4	16QAM	3	3	22.24	22.24	22.22
1.4	16QAM	6	0	21.35	21.21	21.18
1.4	64QAM	1	0	21.38	21.40	21.26
1.4	64QAM	1	3	21.19	21.16	21.21
1.4	64QAM	1	5	21.35	21.11	21.35
1.4	64QAM	3	0	21.29	21.28	21.21
1.4	64QAM	3	1	21.36	21.17	21.20
1.4	64QAM	3	3	21.19	21.19	21.16
1.4	64QAM	6	0	21.27	21.24	21.24



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	23.12	23.18	23.14
20	QPSK	1	49	23.04	23.11	23.16
20	QPSK	1	99	23.15	23.16	23.17
20	QPSK	50	0	22.25	22.38	22.37
20	QPSK	50	24	22.32	22.37	22.36
20	QPSK	50	50	22.35	22.34	22.36
20	QPSK	100	0	22.40	22.41	22.33
20	16QAM	1	0	22.26	22.20	22.25
20	16QAM	1	49	22.33	22.32	22.24
20	16QAM	1	99	22.34	22.39	22.35
20	16QAM	50	0	21.24	21.39	21.45
20	16QAM	50	24	21.28	21.33	21.25
20	16QAM	50	50	21.27	21.38	21.23
20	16QAM	100	0	21.26	21.31	21.36
20	64QAM	1	0	21.29	21.33	21.37
20	64QAM	1	49	21.33	21.39	21.14
20	64QAM	1	99	21.28	21.15	21.05
20	64QAM	50	0	21.25	21.29	21.33
20	64QAM	50	24	21.25	21.38	21.17
20	64QAM	50	50	21.22	21.37	21.31
20	64QAM	100	0	21.30	21.29	21.19



LTE Band 7						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20825	21100	21375
Frequency (MHz)				2507.5	2535	2562.5
15	QPSK	1	0	23.06	23.16	23.10
15	QPSK	1	37	22.96	23.03	23.08
15	QPSK	1	74	23.08	23.13	23.15
15	QPSK	36	0	22.22	22.37	22.29
15	QPSK	36	20	22.22	22.35	22.30
15	QPSK	36	39	22.29	22.33	22.34
15	QPSK	75	0	22.32	22.29	22.24
15	16QAM	1	0	22.22	22.19	22.17
15	16QAM	1	37	22.28	22.23	22.23
15	16QAM	1	74	22.31	22.38	22.25
15	16QAM	36	0	21.17	21.37	21.44
15	16QAM	36	20	21.25	21.24	21.20
15	16QAM	36	39	21.23	21.37	21.16
15	16QAM	75	0	21.24	21.30	21.35
15	64QAM	1	0	21.25	21.23	21.35
15	64QAM	1	37	21.24	21.34	21.10
15	64QAM	1	74	21.20	21.10	21.03
15	64QAM	36	0	21.15	21.21	21.24
15	64QAM	36	20	21.20	21.34	21.14
15	64QAM	36	39	21.12	21.33	21.30
15	64QAM	75	0	21.29	21.21	21.17



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	23.00	23.13	23.11
10	QPSK	1	25	23.00	23.09	23.06
10	QPSK	1	49	23.07	23.07	23.10
10	QPSK	25	0	22.17	22.36	22.27
10	QPSK	25	12	22.27	22.33	22.31
10	QPSK	25	25	22.30	22.24	22.35
10	QPSK	50	0	22.39	22.36	22.31
10	16QAM	1	0	22.18	22.16	22.17
10	16QAM	1	25	22.29	22.30	22.14
10	16QAM	1	49	22.28	22.30	22.33
10	16QAM	25	0	21.22	21.30	21.43
10	16QAM	25	12	21.25	21.30	21.15
10	16QAM	25	25	21.24	21.30	21.17
10	16QAM	50	0	21.21	21.30	21.35
10	64QAM	1	0	21.28	21.31	21.36
10	64QAM	1	25	21.24	21.34	21.11
10	64QAM	1	49	21.24	21.05	20.97
10	64QAM	25	0	21.16	21.23	21.28
10	64QAM	25	12	21.21	21.37	21.15
10	64QAM	25	25	21.19	21.27	21.25
10	64QAM	50	0	21.23	21.28	21.11



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	23.06	23.17	23.04
5	QPSK	1	12	23.01	23.07	23.13
5	QPSK	1	24	23.09	23.12	23.11
5	QPSK	12	0	22.22	22.34	22.30
5	QPSK	12	7	22.31	22.35	22.30
5	QPSK	12	13	22.27	22.30	22.33
5	QPSK	25	0	22.32	22.35	22.25
5	16QAM	1	0	22.25	22.11	22.18
5	16QAM	1	12	22.30	22.27	22.18
5	16QAM	1	24	22.26	22.37	22.31
5	16QAM	12	0	21.22	21.29	21.37
5	16QAM	12	7	21.20	21.29	21.19
5	16QAM	12	13	21.19	21.29	21.16
5	16QAM	25	0	21.17	21.21	21.30
5	64QAM	1	0	21.21	21.28	21.30
5	64QAM	1	12	21.28	21.37	21.05
5	64QAM	1	24	21.24	21.13	20.97
5	64QAM	12	0	21.21	21.21	21.27
5	64QAM	12	7	21.15	21.32	21.07
5	64QAM	12	13	21.21	21.32	21.21
5	64QAM	25	0	21.20	21.24	21.11



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	23.06	23.11	22.99
10	QPSK	1	25	22.99	23.02	23.03
10	QPSK	1	49	22.89	23.04	23.06
10	QPSK	25	0	22.22	22.27	22.26
10	QPSK	25	12	22.24	22.15	22.22
10	QPSK	25	25	22.24	22.19	22.16
10	QPSK	50	0	22.18	22.27	22.23
10	16QAM	1	0	22.42	22.39	22.26
10	16QAM	1	25	22.17	22.24	22.24
10	16QAM	1	49	22.22	22.17	22.28
10	16QAM	25	0	21.20	21.22	21.33
10	16QAM	25	12	21.18	21.23	21.20
10	16QAM	25	25	21.30	21.27	21.29
10	16QAM	50	0	21.34	21.28	21.25
10	64QAM	1	0	21.34	21.29	21.19
10	64QAM	1	25	21.40	21.35	21.33
10	64QAM	1	49	21.46	21.48	21.42
10	64QAM	25	0	21.18	21.38	21.22
10	64QAM	25	12	21.25	21.31	21.33
10	64QAM	25	25	21.20	21.27	21.21
10	64QAM	50	0	21.24	21.22	21.25



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	22.86	23.01	22.89
5	QPSK	1	12	22.94	23.01	22.94
5	QPSK	1	24	22.88	22.99	23.00
5	QPSK	12	0	22.19	22.20	22.22
5	QPSK	12	7	22.15	22.10	22.19
5	QPSK	12	13	22.16	22.11	22.15
5	QPSK	25	0	22.17	22.14	22.19
5	16QAM	1	0	22.38	22.34	22.16
5	16QAM	1	12	22.07	22.22	22.22
5	16QAM	1	24	22.17	22.16	22.21
5	16QAM	12	0	21.11	21.20	21.25
5	16QAM	12	7	21.17	21.15	21.12
5	16QAM	12	13	21.22	21.19	21.23
5	16QAM	25	0	21.32	21.18	21.23
5	64QAM	1	0	21.32	21.21	21.15
5	64QAM	1	12	21.32	21.28	21.31
5	64QAM	1	24	21.42	21.44	21.32
5	64QAM	12	0	21.14	21.33	21.19
5	64QAM	12	7	21.18	21.28	21.26
5	64QAM	12	13	21.16	21.22	21.12
5	64QAM	25	0	21.23	21.19	21.24



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	22.91	23.09	22.97
3	QPSK	1	8	22.97	22.97	23.02
3	QPSK	1	14	22.87	23.03	22.96
3	QPSK	8	0	22.21	22.21	22.21
3	QPSK	8	4	22.19	22.05	22.18
3	QPSK	8	7	22.15	22.14	22.09
3	QPSK	15	0	22.12	22.14	22.18
3	16QAM	1	0	22.35	22.34	22.16
3	16QAM	1	8	22.12	22.17	22.22
3	16QAM	1	14	22.12	22.12	22.26
3	16QAM	8	0	21.18	21.16	21.31
3	16QAM	8	4	21.09	21.13	21.12
3	16QAM	8	7	21.27	21.23	21.24
3	16QAM	15	0	21.33	21.23	21.15
3	64QAM	1	0	21.30	21.24	21.15
3	64QAM	1	8	21.37	21.34	21.25
3	64QAM	1	14	21.39	21.41	21.35
3	64QAM	8	0	21.16	21.37	21.12
3	64QAM	8	4	21.16	21.23	21.29
3	64QAM	8	7	21.19	21.20	21.15
3	64QAM	15	0	21.18	21.16	21.17



LTE Band 12						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23017	23095	23173
Frequency (MHz)				699.7	707.5	715.3
1.4	QPSK	1	0	22.90	23.10	22.91
1.4	QPSK	1	3	22.97	22.96	23.00
1.4	QPSK	1	5	22.88	22.94	22.99
1.4	QPSK	3	0	23.01	23.05	23.05
1.4	QPSK	3	1	23.06	22.94	23.03
1.4	QPSK	3	3	22.98	22.94	22.92
1.4	QPSK	6	0	22.13	22.13	22.15
1.4	16QAM	1	0	22.37	22.32	22.24
1.4	16QAM	1	3	22.10	22.15	22.17
1.4	16QAM	1	5	22.21	22.07	22.25
1.4	16QAM	3	0	22.11	22.21	22.25
1.4	16QAM	3	1	22.12	22.14	22.11
1.4	16QAM	3	3	22.27	22.22	22.25
1.4	16QAM	6	0	21.28	21.19	21.21
1.4	64QAM	1	0	21.32	21.21	21.11
1.4	64QAM	1	3	21.32	21.27	21.29
1.4	64QAM	1	5	21.45	21.43	21.36
1.4	64QAM	3	0	21.16	21.31	21.21
1.4	64QAM	3	1	21.16	21.24	21.32
1.4	64QAM	3	3	21.15	21.23	21.11
1.4	64QAM	6	0	21.22	21.12	21.24



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	23.05	23.07	22.92
10	QPSK	1	25	23.04	23.06	23.02
10	QPSK	1	49	22.95	23.03	23.05
10	QPSK	25	0	22.15	22.16	22.14
10	QPSK	25	12	22.12	22.11	22.11
10	QPSK	25	25	22.13	22.07	22.08
10	QPSK	50	0	22.14	22.12	22.12
10	16QAM	1	0	22.26	22.42	22.09
10	16QAM	1	25	22.08	22.14	22.19
10	16QAM	1	49	22.22	22.28	22.30
10	16QAM	25	0	21.15	21.19	21.07
10	16QAM	25	12	21.21	21.23	21.22
10	16QAM	25	25	21.23	21.17	21.16
10	16QAM	50	0	21.08	21.12	21.13
10	64QAM	1	0	21.13	21.32	21.21
10	64QAM	1	25	21.36	21.40	21.27
10	64QAM	1	49	21.21	21.20	21.18
10	64QAM	25	0	21.09	21.21	21.10
10	64QAM	25	12	21.08	21.15	21.12
10	64QAM	25	25	21.16	21.19	21.15
10	64QAM	50	0	21.12	21.08	21.13



LTE Band 17						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23755	23790	23825
Frequency (MHz)				706.5	710	713.5
5	QPSK	1	0	23.04	23.05	22.91
5	QPSK	1	12	22.97	23.00	23.01
5	QPSK	1	24	22.92	22.96	22.99
5	QPSK	12	0	22.08	22.11	22.11
5	QPSK	12	7	22.03	22.01	22.03
5	QPSK	12	13	22.03	22.00	22.06
5	QPSK	25	0	22.09	22.05	22.07
5	16QAM	1	0	22.23	22.32	22.02
5	16QAM	1	12	22.07	22.07	22.09
5	16QAM	1	24	22.13	22.21	22.20
5	16QAM	12	0	21.12	21.15	21.00
5	16QAM	12	7	21.13	21.14	21.18
5	16QAM	12	13	21.22	21.13	21.08
5	16QAM	25	0	21.04	21.11	21.04
5	64QAM	1	0	21.10	21.31	21.17
5	64QAM	1	12	21.35	21.35	21.19
5	64QAM	1	24	21.13	21.19	21.14
5	64QAM	12	0	20.99	21.14	21.00
5	64QAM	12	7	20.99	21.10	21.09
5	64QAM	12	13	21.13	21.15	21.06
5	64QAM	25	0	21.03	21.07	21.11



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	22.96	22.90	22.98
5	QPSK	1	12	22.82	22.79	22.87
5	QPSK	1	24	22.93	22.84	22.94
5	QPSK	12	0	22.12	22.16	22.22
5	QPSK	12	7	21.93	21.98	21.99
5	QPSK	12	13	22.19	22.13	22.20
5	QPSK	25	0	22.01	22.08	22.11
5	16QAM	1	0	22.16	22.19	22.27
5	16QAM	1	12	22.14	22.14	22.23
5	16QAM	1	24	22.07	22.11	22.14
5	16QAM	12	0	21.23	21.27	21.33
5	16QAM	12	7	21.23	21.16	21.28
5	16QAM	12	13	21.17	21.21	21.24
5	16QAM	25	0	21.27	21.35	21.37
5	64QAM	1	0	21.21	21.30	21.33
5	64QAM	1	12	21.16	21.15	21.24
5	64QAM	1	24	21.39	21.34	21.40
5	64QAM	12	0	21.10	21.09	21.18
5	64QAM	12	7	21.07	21.06	21.18
5	64QAM	12	13	21.13	21.12	21.17
5	64QAM	25	0	21.05	21.04	21.15



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	/	23.19	/
15	QPSK	1	37	/	23.10	/
15	QPSK	1	74	/	23.09	/
15	QPSK	36	0	/	22.55	/
15	QPSK	36	20	/	22.30	/
15	QPSK	36	39	/	22.17	/
15	QPSK	75	0	/	22.18	/
15	16QAM	1	0	/	22.31	/
15	16QAM	1	37	/	22.23	/
15	16QAM	1	74	/	22.16	/
15	16QAM	36	0	/	21.38	/
15	16QAM	36	20	/	21.27	/
15	16QAM	36	39	/	21.34	/
15	16QAM	75	0	/	21.44	/
15	64QAM	1	0	/	21.46	/
15	64QAM	1	37	/	21.28	/
15	64QAM	1	74	/	21.24	/
15	64QAM	36	0	/	21.45	/
15	64QAM	36	20	/	21.45	/
15	64QAM	36	39	/	21.51	/
15	64QAM	75	0	/	21.48	/



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	23.07	23.11	23.08
10	QPSK	1	25	23.10	23.09	23.02
10	QPSK	1	49	22.96	23.09	23.01
10	QPSK	25	0	22.49	22.30	22.16
10	QPSK	25	12	22.45	22.27	22.06
10	QPSK	25	25	22.44	22.28	22.13
10	QPSK	50	0	22.45	22.33	22.15
10	16QAM	1	0	22.17	22.49	22.26
10	16QAM	1	25	22.26	22.35	22.40
10	16QAM	1	49	22.20	22.19	22.17
10	16QAM	25	0	21.46	21.60	21.89
10	16QAM	25	12	21.47	21.63	21.71
10	16QAM	25	25	21.64	21.52	21.58
10	16QAM	50	0	21.81	21.68	21.70
10	64QAM	1	0	21.54	21.54	21.36
10	64QAM	1	25	21.64	21.36	21.38
10	64QAM	1	49	21.36	21.35	21.35
10	64QAM	25	0	21.71	21.48	21.43
10	64QAM	25	12	21.47	21.49	21.42
10	64QAM	25	25	21.37	21.50	21.25
10	64QAM	50	0	21.67	21.46	21.39



LTE Band 19						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				24025	24075	24125
Frequency (MHz)				832.5	837.5	842.5
5	QPSK	1	0	23.06	23.11	23.07
5	QPSK	1	12	23.01	23.05	23.07
5	QPSK	1	24	22.97	23.09	23.09
5	QPSK	12	0	22.43	22.25	22.14
5	QPSK	12	7	22.53	22.24	22.24
5	QPSK	12	13	22.42	22.19	22.13
5	QPSK	25	0	22.46	22.27	22.32
5	16QAM	1	0	22.17	22.17	22.18
5	16QAM	1	12	22.21	22.11	22.08
5	16QAM	1	24	22.26	22.26	22.31
5	16QAM	12	0	21.79	21.61	21.59
5	16QAM	12	7	21.64	21.66	21.35
5	16QAM	12	13	21.76	21.61	21.40
5	16QAM	25	0	21.31	21.45	21.42
5	64QAM	1	0	21.55	21.37	21.35
5	64QAM	1	12	21.44	21.55	21.36
5	64QAM	1	24	21.38	21.35	21.35
5	64QAM	12	0	21.65	21.43	21.26
5	64QAM	12	7	21.24	21.56	21.27
5	64QAM	12	13	21.64	21.53	21.19
5	64QAM	25	0	21.64	21.43	21.25



LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26865	26915	26965
Frequency (MHz)				831.5	836.5	841.5
15	QPSK	1	0	23.22	23.12	23.17
15	QPSK	1	37	23.13	23.19	23.20
15	QPSK	1	74	23.20	22.79	22.87
15	QPSK	36	0	22.33	22.13	22.24
15	QPSK	36	20	22.30	22.06	22.16
15	QPSK	36	39	22.32	22.16	22.26
15	QPSK	75	0	22.22	22.15	22.19
15	16QAM	1	0	22.14	22.23	22.28
15	16QAM	1	37	22.17	22.11	22.15
15	16QAM	1	74	22.11	21.98	22.06
15	16QAM	36	0	21.28	21.18	21.21
15	16QAM	36	20	21.21	21.13	21.20
15	16QAM	36	39	21.29	21.18	21.27
15	16QAM	75	0	21.31	21.19	21.25
15	64QAM	1	0	21.29	21.22	21.30
15	64QAM	1	37	21.29	21.17	21.26
15	64QAM	1	74	21.14	21.01	21.02
15	64QAM	36	0	21.20	21.19	21.24
15	64QAM	36	20	21.23	21.09	21.12
15	64QAM	36	39	21.27	21.16	21.23
15	64QAM	75	0	21.31	21.13	21.16



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	23.06	23.03	23.14
10	QPSK	1	25	23.04	23.02	23.10
10	QPSK	1	49	22.80	22.74	22.81
10	QPSK	25	0	22.09	22.13	22.15
10	QPSK	25	12	22.01	22.05	22.08
10	QPSK	25	25	22.13	22.14	22.18
10	QPSK	50	0	22.45	22.51	22.52
10	16QAM	1	0	22.15	22.13	22.18
10	16QAM	1	25	22.05	22.03	22.08
10	16QAM	1	49	21.95	22.01	22.04
10	16QAM	25	0	21.00	21.01	21.11
10	16QAM	25	12	21.05	21.10	21.17
10	16QAM	25	25	21.13	21.09	21.20
10	16QAM	50	0	21.09	21.11	21.20
10	64QAM	1	0	21.25	21.27	21.28
10	64QAM	1	25	21.10	21.16	21.17
10	64QAM	1	49	20.88	20.91	20.98
10	64QAM	25	0	21.06	21.07	21.17
10	64QAM	25	12	21.07	21.05	21.11
10	64QAM	25	25	21.15	21.05	21.16
10	64QAM	50	0	21.05	20.97	21.07



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	23.10	23.03	23.14
5	QPSK	1	12	23.04	23.11	23.16
5	QPSK	1	24	22.78	22.72	22.82
5	QPSK	12	0	22.06	22.07	22.15
5	QPSK	12	7	22.07	21.96	22.08
5	QPSK	12	13	22.09	22.14	22.21
5	QPSK	25	0	22.41	22.44	22.50
5	16QAM	1	0	22.17	22.17	22.25
5	16QAM	1	12	22.07	21.99	22.10
5	16QAM	1	24	21.91	21.87	21.96
5	16QAM	12	0	21.14	21.08	21.19
5	16QAM	12	7	21.15	21.05	21.16
5	16QAM	12	13	21.15	21.14	21.23
5	16QAM	25	0	21.15	21.13	21.21
5	64QAM	1	0	21.14	21.11	21.23
5	64QAM	1	12	21.16	21.06	21.17
5	64QAM	1	24	20.86	20.88	20.96
5	64QAM	12	0	21.16	21.13	21.20
5	64QAM	12	7	20.96	21.02	21.05
5	64QAM	12	13	21.14	21.07	21.18
5	64QAM	25	0	21.08	21.09	21.13



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	23.13	23.13	23.15
3	QPSK	1	8	22.99	23.03	23.10
3	QPSK	1	14	22.67	22.72	22.77
3	QPSK	8	0	22.09	22.08	22.14
3	QPSK	8	4	22.01	21.96	22.06
3	QPSK	8	7	22.19	22.15	22.22
3	QPSK	15	0	22.46	22.49	22.57
3	16QAM	1	0	22.18	22.18	22.26
3	16QAM	1	8	21.95	22.05	22.07
3	16QAM	1	14	21.98	21.95	22.05
3	16QAM	8	0	21.12	21.04	21.13
3	16QAM	8	4	21.06	21.11	21.18
3	16QAM	8	7	21.17	21.12	21.24
3	16QAM	15	0	21.05	21.11	21.15
3	64QAM	1	0	21.19	21.24	21.29
3	64QAM	1	8	21.21	21.14	21.23
3	64QAM	1	14	21.11	21.07	21.18
3	64QAM	8	0	21.08	21.15	21.19
3	64QAM	8	4	20.98	20.94	21.05
3	64QAM	8	7	21.12	21.19	21.20
3	64QAM	15	0	21.07	21.06	21.09



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	23.05	23.14
1.4	QPSK	1	3	23.08	23.10	23.11
1.4	QPSK	1	5	22.95	23.02	23.07
1.4	QPSK	3	0	22.90	22.94	23.02
1.4	QPSK	3	1	22.99	23.00	23.01
1.4	QPSK	3	3	22.93	22.99	23.02
1.4	QPSK	6	0	22.05	22.14	22.16
1.4	16QAM	1	0	22.23	22.15	22.26
1.4	16QAM	1	3	22.04	22.01	22.10
1.4	16QAM	1	5	21.84	21.87	21.96
1.4	16QAM	3	0	22.05	22.08	22.11
1.4	16QAM	3	1	22.04	22.05	22.14
1.4	16QAM	3	3	22.14	22.19	22.24
1.4	16QAM	6	0	21.17	21.22	21.23
1.4	64QAM	1	0	21.20	21.13	21.21
1.4	64QAM	1	3	21.15	21.15	21.24
1.4	64QAM	1	5	20.87	20.85	20.95
1.4	64QAM	3	0	21.07	21.09	21.18
1.4	64QAM	3	1	21.03	21.02	21.11
1.4	64QAM	3	3	21.15	21.06	21.16
1.4	64QAM	6	0	21.10	21.07	21.14



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	23.19	23.23	23.21
20	QPSK	1	49	23.06	23.19	23.03
20	QPSK	1	99	23.18	23.15	22.97
20	QPSK	50	0	22.18	22.25	22.20
20	QPSK	50	24	22.21	22.22	22.08
20	QPSK	50	50	22.18	22.11	22.04
20	QPSK	100	0	22.21	22.24	22.11
20	16QAM	1	0	22.31	22.32	22.20
20	16QAM	1	49	22.21	22.24	22.28
20	16QAM	1	99	22.13	22.17	22.14
20	16QAM	50	0	21.32	21.39	21.20
20	16QAM	50	24	21.40	21.35	21.37
20	16QAM	50	50	21.22	21.27	21.20
20	16QAM	100	0	21.31	21.32	21.26
20	64QAM	1	0	21.36	21.43	21.34
20	64QAM	1	49	21.18	21.26	21.29
20	64QAM	1	99	21.25	21.27	21.28
20	64QAM	50	0	21.24	21.29	21.24
20	64QAM	50	24	21.28	21.24	21.20
20	64QAM	50	50	21.15	21.22	21.09
20	64QAM	100	0	21.07	21.25	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				37825	38000	38175
Frequency (MHz)				2577.5	2595	2612.5
15	QPSK	1	0	22.94	23.19	23.10
15	QPSK	1	37	23.02	23.16	22.95
15	QPSK	1	74	23.09	23.05	22.94
15	QPSK	36	0	22.20	22.28	22.17
15	QPSK	36	20	22.29	22.25	22.13
15	QPSK	36	39	22.28	22.15	22.13
15	QPSK	75	0	22.15	22.07	22.09
15	16QAM	1	0	22.30	22.28	22.13
15	16QAM	1	37	22.14	22.17	22.20
15	16QAM	1	74	22.10	22.10	22.07
15	16QAM	36	0	21.31	21.37	21.13
15	16QAM	36	20	21.30	21.32	21.34
15	16QAM	36	39	21.18	21.25	21.18
15	16QAM	75	0	21.27	21.23	21.17
15	64QAM	1	0	21.30	21.33	21.25
15	64QAM	1	37	21.10	21.24	21.27
15	64QAM	1	74	21.24	21.20	21.24
15	64QAM	36	0	21.14	21.22	21.14
15	64QAM	36	20	21.24	21.14	21.12
15	64QAM	36	39	21.13	21.20	21.04
15	64QAM	75	0	21.01	21.24	21.10



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	23.01	23.18	23.06
10	QPSK	1	25	23.03	23.17	22.98
10	QPSK	1	49	23.14	23.07	22.99
10	QPSK	25	0	22.23	22.34	22.20
10	QPSK	25	12	22.30	22.30	22.12
10	QPSK	25	25	22.27	22.15	22.09
10	QPSK	50	0	22.25	22.25	22.20
10	16QAM	1	0	22.25	22.27	22.19
10	16QAM	1	25	22.18	22.18	22.24
10	16QAM	1	49	22.10	22.14	22.13
10	16QAM	25	0	21.26	21.35	21.15
10	16QAM	25	12	21.33	21.32	21.34
10	16QAM	25	25	21.12	21.23	21.11
10	16QAM	50	0	21.25	21.26	21.20
10	64QAM	1	0	21.33	21.42	21.30
10	64QAM	1	25	21.17	21.18	21.28
10	64QAM	1	49	21.23	21.23	21.26
10	64QAM	25	0	21.18	21.26	21.22
10	64QAM	25	12	21.27	21.22	21.16
10	64QAM	25	25	21.05	21.14	21.01
10	64QAM	50	0	21.06	21.22	21.10



LTE Band 38						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				37775	38000	38225
Frequency (MHz)				2572.5	2595	2617.5
5	QPSK	1	0	22.93	23.18	23.11
5	QPSK	1	12	23.00	23.17	22.99
5	QPSK	1	24	23.09	23.10	22.94
5	QPSK	12	0	22.21	22.31	22.22
5	QPSK	12	7	22.19	22.14	22.06
5	QPSK	12	13	22.10	22.09	21.94
5	QPSK	25	0	22.20	22.14	22.07
5	16QAM	1	0	22.28	22.31	22.15
5	16QAM	1	12	22.20	22.22	22.23
5	16QAM	1	24	22.12	22.07	22.04
5	16QAM	12	0	21.27	21.31	21.16
5	16QAM	12	7	21.36	21.32	21.33
5	16QAM	12	13	21.19	21.22	21.17
5	16QAM	25	0	21.22	21.25	21.21
5	64QAM	1	0	21.33	21.41	21.30
5	64QAM	1	12	21.14	21.20	21.24
5	64QAM	1	24	21.21	21.23	21.27
5	64QAM	12	0	21.15	21.24	21.23
5	64QAM	12	7	21.27	21.20	21.19
5	64QAM	12	13	21.08	21.15	21.03
5	64QAM	25	0	20.99	21.15	21.03



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	/	23.35	/
10	QPSK	1	25	/	23.24	/
10	QPSK	1	49	/	23.20	/
10	QPSK	25	0	/	22.49	/
10	QPSK	25	12	/	22.46	/
10	QPSK	25	25	/	22.42	/
10	QPSK	50	0	/	22.48	/
10	16QAM	1	0	/	22.45	/
10	16QAM	1	25	/	22.59	/
10	16QAM	1	49	/	22.39	/
10	16QAM	25	0	/	21.44	/
10	16QAM	25	12	/	21.48	/
10	16QAM	25	25	/	21.48	/
10	16QAM	50	0	/	21.55	/
10	64QAM	1	0	/	21.54	/
10	64QAM	1	25	/	21.48	/
10	64QAM	1	49	/	21.58	/
10	64QAM	25	0	/	21.27	/
10	64QAM	25	12	/	21.32	/
10	64QAM	25	25	/	21.38	/
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	23.13	23.16	23.07
5	QPSK	1	12	22.92	23.28	23.16
5	QPSK	1	24	23.29	23.21	23.29
5	QPSK	12	0	22.26	22.35	22.34
5	QPSK	12	7	22.25	22.44	22.41
5	QPSK	12	13	22.37	22.38	22.35
5	QPSK	25	0	22.29	22.35	22.31
5	16QAM	1	0	22.38	22.46	22.40
5	16QAM	1	12	22.51	22.54	22.40
5	16QAM	1	24	22.46	22.58	22.58
5	16QAM	12	0	21.25	21.30	21.33
5	16QAM	12	7	21.34	21.27	21.40
5	16QAM	12	13	21.39	21.48	21.45
5	16QAM	25	0	21.26	21.28	21.37
5	64QAM	1	0	21.32	21.08	21.14
5	64QAM	1	12	21.31	21.12	21.54
5	64QAM	1	24	21.20	21.24	21.39
5	64QAM	12	0	21.05	21.22	21.10
5	64QAM	12	7	21.25	21.27	21.17
5	64QAM	12	13	21.13	21.18	21.27
5	64QAM	25	0	21.12	21.19	21.18



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	/	23.30	/
10	QPSK	1	25	/	23.16	/
10	QPSK	1	49	/	23.13	/
10	QPSK	25	0	/	22.42	/
10	QPSK	25	12	/	22.37	/
10	QPSK	25	25	/	22.29	/
10	QPSK	50	0	/	22.32	/
10	16QAM	1	0	/	22.45	/
10	16QAM	1	25	/	22.07	/
10	16QAM	1	49	/	22.31	/
10	16QAM	25	0	/	21.47	/
10	16QAM	25	12	/	21.91	/
10	16QAM	25	25	/	21.77	/
10	16QAM	50	0	/	21.86	/
10	64QAM	1	0	/	21.37	/
10	64QAM	1	25	/	21.23	/
10	64QAM	1	49	/	21.14	/
10	64QAM	25	0	/	21.36	/
10	64QAM	25	12	/	21.40	/
10	64QAM	25	25	/	21.28	/
10	64QAM	50	0	/	21.34	/



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	23.09	23.13	23.23
5	QPSK	1	12	23.13	23.22	23.14
5	QPSK	1	24	23.00	23.22	23.25
5	QPSK	12	0	22.23	22.30	22.33
5	QPSK	12	7	22.27	22.40	22.36
5	QPSK	12	13	22.32	22.31	22.40
5	QPSK	25	0	22.27	22.29	22.30
5	16QAM	1	0	22.21	22.43	22.15
5	16QAM	1	12	22.29	22.29	22.13
5	16QAM	1	24	22.15	22.45	22.24
5	16QAM	12	0	21.42	21.44	21.63
5	16QAM	12	7	21.37	21.44	21.50
5	16QAM	12	13	21.33	21.42	21.48
5	16QAM	25	0	21.44	21.45	21.54
5	64QAM	1	0	21.13	21.44	21.49
5	64QAM	1	12	21.55	21.31	21.37
5	64QAM	1	24	21.59	21.30	21.34
5	64QAM	12	0	21.24	21.31	21.35
5	64QAM	12	7	21.30	21.32	21.34
5	64QAM	12	13	21.33	21.29	21.31
5	64QAM	25	0	21.26	21.37	21.30



LTE Band 41						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39750	40620	41490
Frequency (MHz)				2506	2593	2680
20	QPSK	1	0	23.16	23.22	23.05
20	QPSK	1	49	23.07	22.97	22.95
20	QPSK	1	99	23.16	23.12	22.94
20	QPSK	50	0	22.39	22.40	22.23
20	QPSK	50	24	22.35	22.26	22.08
20	QPSK	50	50	22.37	22.22	21.95
20	QPSK	100	0	22.36	22.38	22.25
20	16QAM	1	0	22.44	22.40	22.35
20	16QAM	1	49	22.37	22.34	22.30
20	16QAM	1	99	22.30	22.39	22.27
20	16QAM	50	0	21.45	21.27	21.12
20	16QAM	50	24	21.39	21.30	21.15
20	16QAM	50	50	21.36	21.15	21.11
20	16QAM	100	0	21.27	21.30	21.25
20	64QAM	1	0	21.35	21.33	21.27
20	64QAM	1	49	21.34	21.24	21.17
20	64QAM	1	99	21.28	21.28	21.22
20	64QAM	50	0	21.40	21.21	20.98
20	64QAM	50	24	21.30	21.24	21.16
20	64QAM	50	50	21.17	21.19	21.10
20	64QAM	100	0	21.36	21.35	21.25



LTE Band 41						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39725	40620	41515
Frequency (MHz)				2503.5	2593	2682.5
15	QPSK	1	0	23.11	23.21	22.96
15	QPSK	1	37	23.06	22.95	22.96
15	QPSK	1	74	23.07	23.02	22.93
15	QPSK	36	0	22.28	22.36	22.12
15	QPSK	36	20	22.24	22.22	22.02
15	QPSK	36	39	22.36	22.19	21.93
15	QPSK	75	0	22.27	22.19	21.98
15	16QAM	1	0	22.40	22.29	22.29
15	16QAM	1	37	22.28	22.32	22.20
15	16QAM	1	74	22.26	22.29	22.15
15	16QAM	36	0	21.38	21.19	21.07
15	16QAM	36	20	21.38	21.24	21.12
15	16QAM	36	39	21.25	21.06	21.10
15	16QAM	75	0	21.23	21.29	21.22
15	64QAM	1	0	21.24	21.27	21.17
15	64QAM	1	37	21.31	21.20	21.08
15	64QAM	1	74	21.25	21.17	21.18
15	64QAM	36	0	21.28	21.11	20.93
15	64QAM	36	20	21.19	21.14	21.12
15	64QAM	36	39	21.12	21.11	21.06
15	64QAM	75	0	21.29	21.23	21.23



LTE Band 41						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39700	40620	41540
Frequency (MHz)				2501	2593	2685
10	QPSK	1	0	23.07	23.17	22.96
10	QPSK	1	25	22.99	22.93	22.95
10	QPSK	1	49	23.12	23.02	22.97
10	QPSK	25	0	22.35	22.32	22.06
10	QPSK	25	12	22.34	22.25	21.98
10	QPSK	25	25	22.36	22.20	21.93
10	QPSK	50	0	22.32	22.26	22.00
10	16QAM	1	0	22.40	22.31	22.28
10	16QAM	1	25	22.31	22.24	22.21
10	16QAM	1	49	22.27	22.38	22.21
10	16QAM	25	0	21.34	21.19	21.03
10	16QAM	25	12	21.36	21.25	21.04
10	16QAM	25	25	21.29	21.08	21.01
10	16QAM	50	0	21.17	21.26	21.23
10	64QAM	1	0	21.30	21.23	21.21
10	64QAM	1	25	21.31	21.16	21.08
10	64QAM	1	49	21.16	21.20	21.12
10	64QAM	25	0	21.29	21.11	20.97
10	64QAM	25	12	21.26	21.14	21.14
10	64QAM	25	25	21.16	21.16	21.03
10	64QAM	50	0	21.35	21.31	21.21



LTE Band 41						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39675	40620	41565
Frequency (MHz)				2498.5	2593	2687.5
5	QPSK	1	0	23.05	23.19	23.04
5	QPSK	1	12	23.05	22.97	23.00
5	QPSK	1	24	23.11	23.00	22.99
5	QPSK	12	0	22.35	22.33	22.07
5	QPSK	12	7	22.27	22.18	22.04
5	QPSK	12	13	22.25	22.15	21.94
5	QPSK	25	0	22.25	22.20	21.94
5	16QAM	1	0	22.34	22.34	22.33
5	16QAM	1	12	22.27	22.23	22.23
5	16QAM	1	24	22.19	22.27	22.17
5	16QAM	12	0	21.34	21.23	21.01
5	16QAM	12	7	21.28	21.23	21.06
5	16QAM	12	13	21.28	21.08	21.03
5	16QAM	25	0	21.22	21.25	21.19
5	64QAM	1	0	21.29	21.25	21.18
5	64QAM	1	12	21.23	21.17	21.13
5	64QAM	1	24	21.18	21.26	21.20
5	64QAM	12	0	21.33	21.18	20.96
5	64QAM	12	7	21.18	21.12	21.06
5	64QAM	12	13	21.08	21.08	21.01
5	64QAM	25	0	21.28	21.30	21.22



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				132072	132322	132572
Frequency (MHz)				1720	1745	1770
20	QPSK	1	0	23.09	23.21	23.12
20	QPSK	1	49	22.90	23.02	22.87
20	QPSK	1	99	22.98	22.98	22.95
20	QPSK	50	0	22.10	22.15	22.13
20	QPSK	50	24	22.03	22.11	22.10
20	QPSK	50	50	22.14	22.09	22.11
20	QPSK	100	0	22.10	22.15	22.12
20	16QAM	1	0	22.40	22.35	22.37
20	16QAM	1	49	22.27	22.36	22.13
20	16QAM	1	99	22.21	22.28	22.36
20	16QAM	50	0	21.21	21.14	21.13
20	16QAM	50	24	21.33	21.28	21.16
20	16QAM	50	50	21.26	21.25	21.22
20	16QAM	100	0	21.27	21.24	21.14
20	64QAM	1	0	21.50	21.47	21.48
20	64QAM	1	49	21.38	21.48	21.22
20	64QAM	1	99	21.29	21.42	21.43
20	64QAM	50	0	21.18	21.13	21.13
20	64QAM	50	24	21.25	21.23	21.15
20	64QAM	50	50	21.18	21.19	21.19
20	64QAM	100	0	21.29	21.18	21.07



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	22.80	23.00	22.96
15	QPSK	1	37	22.88	22.95	22.77
15	QPSK	1	74	22.92	22.97	22.91
15	QPSK	36	0	21.88	21.92	21.91
15	QPSK	36	20	21.94	22.07	22.09
15	QPSK	36	39	22.05	22.05	22.06
15	QPSK	75	0	21.90	21.94	22.06
15	16QAM	1	0	22.38	22.28	22.35
15	16QAM	1	37	22.22	22.32	22.09
15	16QAM	1	74	22.16	22.19	22.29
15	16QAM	36	0	21.19	21.09	21.11
15	16QAM	36	20	21.22	21.26	21.15
15	16QAM	36	39	21.20	21.16	21.14
15	16QAM	75	0	21.20	21.16	21.04
15	64QAM	1	0	21.45	21.43	21.41
15	64QAM	1	37	21.29	21.38	21.18
15	64QAM	1	74	21.18	21.37	21.41
15	64QAM	36	0	21.06	21.12	21.05
15	64QAM	36	20	21.15	21.13	21.14
15	64QAM	36	39	21.09	21.17	21.09
15	64QAM	75	0	21.27	21.16	21.00



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				132022	132322	132622
Frequency (MHz)				1715	1745	1775
10	QPSK	1	0	22.90	23.00	22.98
10	QPSK	1	25	22.78	22.99	22.79
10	QPSK	1	49	22.88	22.92	22.86
10	QPSK	25	0	21.88	21.96	21.97
10	QPSK	25	12	21.96	22.04	22.02
10	QPSK	25	25	22.05	22.04	22.05
10	QPSK	50	0	21.96	21.85	22.11
10	16QAM	1	0	22.39	22.29	22.33
10	16QAM	1	25	22.20	22.32	22.05
10	16QAM	1	49	22.17	22.23	22.28
10	16QAM	25	0	21.09	21.11	21.05
10	16QAM	25	12	21.30	21.22	21.11
10	16QAM	25	25	21.15	21.22	21.15
10	16QAM	50	0	21.22	21.15	21.10
10	64QAM	1	0	21.38	21.45	21.38
10	64QAM	1	25	21.36	21.42	21.16
10	64QAM	1	49	21.18	21.39	21.37
10	64QAM	25	0	21.16	21.12	21.04
10	64QAM	25	12	21.21	21.20	21.05
10	64QAM	25	25	21.07	21.17	21.10
10	64QAM	50	0	21.21	21.08	21.06



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				131997	132322	132647
Frequency (MHz)				1712.5	1745	1777.5
5	QPSK	1	0	22.86	23.03	22.97
5	QPSK	1	12	22.87	22.94	22.81
5	QPSK	1	24	22.93	22.90	22.90
5	QPSK	12	0	21.96	21.99	21.97
5	QPSK	12	7	21.97	22.07	22.01
5	QPSK	12	13	22.08	22.05	22.04
5	QPSK	25	0	21.92	21.91	22.11
5	16QAM	1	0	22.34	22.31	22.34
5	16QAM	1	12	22.15	22.32	22.07
5	16QAM	1	24	22.14	22.25	22.26
5	16QAM	12	0	21.16	21.04	21.07
5	16QAM	12	7	21.27	21.21	21.06
5	16QAM	12	13	21.14	21.23	21.18
5	16QAM	25	0	21.26	21.21	21.09
5	64QAM	1	0	21.40	21.39	21.45
5	64QAM	1	12	21.26	21.45	21.19
5	64QAM	1	24	21.20	21.34	21.41
5	64QAM	12	0	21.15	21.04	21.07
5	64QAM	12	7	21.23	21.20	21.07
5	64QAM	12	13	21.16	21.18	21.15
5	64QAM	25	0	21.17	21.17	21.02



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				131987	132322	132657
Frequency (MHz)				1711.5	1745	1778.5
3	QPSK	1	0	22.86	22.96	22.93
3	QPSK	1	8	22.78	22.96	22.83
3	QPSK	1	14	22.88	22.89	22.94
3	QPSK	8	0	21.95	21.93	21.96
3	QPSK	8	4	21.99	22.02	22.02
3	QPSK	8	7	22.05	22.05	22.02
3	QPSK	15	0	21.94	21.85	22.02
3	16QAM	1	0	22.35	22.32	22.27
3	16QAM	1	8	22.23	22.28	22.11
3	16QAM	1	14	22.09	22.25	22.35
3	16QAM	8	0	21.11	21.11	21.06
3	16QAM	8	4	21.24	21.21	21.14
3	16QAM	8	7	21.18	21.17	21.21
3	16QAM	15	0	21.17	21.15	21.09
3	64QAM	1	0	21.49	21.40	21.47
3	64QAM	1	8	21.36	21.43	21.20
3	64QAM	1	14	21.24	21.36	21.33
3	64QAM	8	0	21.09	21.11	21.03
3	64QAM	8	4	21.24	21.13	21.14
3	64QAM	8	7	21.14	21.09	21.13
3	64QAM	15	0	21.25	21.12	21.01



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				131979	132322	132665
Frequency (MHz)				1710.7	1745	1779.3
1.4	QPSK	1	0	22.85	23.01	22.97
1.4	QPSK	1	3	22.88	22.96	22.85
1.4	QPSK	1	5	22.89	22.97	22.85
1.4	QPSK	3	0	22.99	22.97	23.11
1.4	QPSK	3	1	23.02	23.04	23.00
1.4	QPSK	3	3	23.07	23.04	23.01
1.4	QPSK	6	0	21.98	21.85	22.09
1.4	16QAM	1	0	22.32	22.28	22.27
1.4	16QAM	1	3	22.19	22.31	22.04
1.4	16QAM	1	5	22.19	22.26	22.30
1.4	16QAM	3	0	21.96	22.18	21.97
1.4	16QAM	3	1	22.16	22.13	21.99
1.4	16QAM	3	3	22.03	22.06	22.05
1.4	16QAM	6	0	21.20	21.16	21.17
1.4	64QAM	1	0	21.46	21.39	21.38
1.4	64QAM	1	3	21.30	21.46	21.19
1.4	64QAM	1	5	21.27	21.34	21.37
1.4	64QAM	3	0	21.20	21.15	21.11
1.4	64QAM	3	1	21.14	21.19	21.13
1.4	64QAM	3	3	21.14	21.15	21.18
1.4	64QAM	6	0	21.26	21.13	21.05



Effective Radiated Power and Effective Isotropic Radiated Power:

Top Antenna

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	21.82	0.152	21.84	0.153	21.77	0.150
20	QPSK	1	49	21.81	0.152	21.83	0.152	21.76	0.150
20	QPSK	1	99	21.73	0.149	21.80	0.151	21.77	0.150
20	QPSK	50	0	20.87	0.122	20.99	0.126	20.88	0.122
20	QPSK	50	24	20.91	0.123	20.85	0.122	20.83	0.121
20	QPSK	50	50	20.88	0.122	20.91	0.123	20.84	0.121
20	QPSK	100	0	20.91	0.123	20.92	0.124	20.81	0.121
20	16QAM	1	0	21.18	0.131	21.09	0.129	20.92	0.124
20	16QAM	1	49	21.06	0.128	21.15	0.130	21.10	0.129
20	16QAM	1	99	21.16	0.131	20.93	0.124	21.20	0.132
20	16QAM	50	0	19.99	0.100	19.94	0.099	19.98	0.100
20	16QAM	50	24	20.08	0.102	19.93	0.098	19.92	0.098
20	16QAM	50	50	19.95	0.099	19.98	0.100	20.00	0.100
20	16QAM	100	0	19.93	0.098	19.95	0.099	19.91	0.098
20	64QAM	1	0	20.03	0.101	20.17	0.104	20.12	0.103
20	64QAM	1	49	20.06	0.101	20.10	0.102	20.00	0.100
20	64QAM	1	99	20.16	0.104	20.04	0.101	19.86	0.097
20	64QAM	50	0	20.01	0.100	19.90	0.098	19.90	0.098
20	64QAM	50	24	19.84	0.096	19.85	0.097	19.92	0.098
20	64QAM	50	50	19.97	0.099	19.90	0.098	19.95	0.099
20	64QAM	100	0	19.89	0.097	19.92	0.098	19.91	0.098



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	21.74	0.149	21.79	0.151	21.70	0.148
15	QPSK	1	37	21.78	0.151	21.79	0.151	21.73	0.149
15	QPSK	1	74	21.64	0.146	21.79	0.151	21.76	0.150
15	QPSK	36	0	20.83	0.121	20.89	0.123	20.78	0.120
15	QPSK	36	20	20.97	0.125	20.78	0.120	20.79	0.120
15	QPSK	36	39	20.87	0.122	20.84	0.121	20.75	0.119
15	QPSK	75	0	20.86	0.122	20.84	0.121	20.71	0.118
15	16QAM	1	0	21.14	0.130	21.03	0.127	20.86	0.122
15	16QAM	1	37	21.13	0.130	21.25	0.133	21.05	0.127
15	16QAM	1	74	21.18	0.131	21.33	0.136	21.19	0.132
15	16QAM	36	0	19.98	0.100	19.85	0.097	19.92	0.098
15	16QAM	36	20	20.04	0.101	19.84	0.096	19.84	0.096
15	16QAM	36	39	19.91	0.098	19.96	0.099	19.98	0.100
15	16QAM	75	0	19.83	0.096	19.91	0.098	19.90	0.098
15	64QAM	1	0	20.00	0.100	20.16	0.104	20.07	0.102
15	64QAM	1	37	20.00	0.100	20.00	0.100	19.95	0.099
15	64QAM	1	74	20.14	0.103	19.99	0.100	19.80	0.095
15	64QAM	36	0	19.98	0.100	19.80	0.095	19.83	0.096
15	64QAM	36	20	19.75	0.094	19.82	0.096	19.85	0.097
15	64QAM	36	39	19.93	0.098	19.88	0.097	19.87	0.097
15	64QAM	75	0	19.83	0.096	19.89	0.097	19.90	0.098



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	21.81	0.152	21.82	0.152	21.75	0.150
10	QPSK	1	25	21.74	0.149	21.78	0.151	21.70	0.148
10	QPSK	1	49	21.65	0.146	21.79	0.151	21.69	0.148
10	QPSK	25	0	20.81	0.121	20.98	0.125	20.83	0.121
10	QPSK	25	12	20.89	0.123	20.76	0.119	20.82	0.121
10	QPSK	25	25	20.79	0.120	20.89	0.123	20.77	0.119
10	QPSK	50	0	20.82	0.121	20.88	0.122	20.75	0.119
10	16QAM	1	0	21.12	0.129	21.04	0.127	20.85	0.122
10	16QAM	1	25	21.12	0.129	21.29	0.135	21.09	0.129
10	16QAM	1	49	21.14	0.130	21.34	0.136	21.15	0.130
10	16QAM	25	0	19.91	0.098	19.90	0.098	19.93	0.098
10	16QAM	25	12	20.00	0.100	19.86	0.097	19.88	0.097
10	16QAM	25	25	19.94	0.099	19.89	0.097	19.96	0.099
10	16QAM	50	0	19.92	0.098	19.89	0.097	19.82	0.096
10	64QAM	1	0	19.93	0.098	20.08	0.102	20.10	0.102
10	64QAM	1	25	20.04	0.101	20.09	0.102	19.98	0.100
10	64QAM	1	49	20.11	0.103	19.97	0.099	19.76	0.095
10	64QAM	25	0	20.00	0.100	19.80	0.095	19.81	0.096
10	64QAM	25	12	19.76	0.095	19.82	0.096	19.86	0.097
10	64QAM	25	25	19.93	0.098	19.88	0.097	19.89	0.097
10	64QAM	50	0	19.82	0.096	19.83	0.096	19.89	0.097



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	21.80	0.151	21.80	0.151	21.71	0.148
5	QPSK	1	12	21.71	0.148	21.73	0.149	21.75	0.150
5	QPSK	1	24	21.72	0.149	21.78	0.151	21.68	0.147
5	QPSK	12	0	20.78	0.120	20.94	0.124	20.82	0.121
5	QPSK	12	7	20.92	0.124	20.80	0.120	20.74	0.119
5	QPSK	12	13	20.85	0.122	20.85	0.122	20.74	0.119
5	QPSK	25	0	20.89	0.123	20.88	0.122	20.73	0.118
5	16QAM	1	0	21.08	0.128	21.07	0.128	20.88	0.122
5	16QAM	1	12	21.11	0.129	21.27	0.134	21.08	0.128
5	16QAM	1	24	21.16	0.131	21.27	0.134	21.12	0.129
5	16QAM	12	0	19.97	0.099	19.87	0.097	19.94	0.099
5	16QAM	12	7	19.98	0.100	19.88	0.097	19.84	0.096
5	16QAM	12	13	19.90	0.098	19.90	0.098	19.96	0.099
5	16QAM	25	0	19.84	0.096	19.86	0.097	19.82	0.096
5	64QAM	1	0	19.94	0.099	20.14	0.103	20.06	0.101
5	64QAM	1	12	19.97	0.099	20.05	0.101	19.95	0.099
5	64QAM	1	24	20.13	0.103	20.01	0.100	19.82	0.096
5	64QAM	12	0	19.99	0.100	19.89	0.097	19.87	0.097
5	64QAM	12	7	19.81	0.096	19.78	0.095	19.86	0.097
5	64QAM	12	13	19.93	0.098	19.81	0.096	19.94	0.099
5	64QAM	25	0	19.88	0.097	19.89	0.097	19.82	0.096



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	21.71	0.148	21.81	0.152	21.67	0.147
3	QPSK	1	8	21.75	0.150	21.80	0.151	21.71	0.148
3	QPSK	1	14	21.67	0.147	21.70	0.148	21.68	0.147
3	QPSK	8	0	20.80	0.120	20.92	0.124	20.84	0.121
3	QPSK	8	4	20.88	0.122	20.82	0.121	20.81	0.121
3	QPSK	8	7	20.84	0.121	20.83	0.121	20.81	0.121
3	QPSK	15	0	20.81	0.121	20.83	0.121	20.75	0.119
3	16QAM	1	0	21.08	0.128	21.08	0.128	20.85	0.122
3	16QAM	1	8	21.12	0.129	21.26	0.134	21.08	0.128
3	16QAM	1	14	21.18	0.131	21.29	0.135	21.17	0.131
3	16QAM	8	0	19.92	0.098	19.85	0.097	19.91	0.098
3	16QAM	8	4	20.05	0.101	19.85	0.097	19.86	0.097
3	16QAM	8	7	19.85	0.097	19.91	0.098	19.97	0.099
3	16QAM	15	0	19.84	0.096	19.87	0.097	19.88	0.097
3	64QAM	1	0	20.02	0.100	20.10	0.102	20.10	0.102
3	64QAM	1	8	20.02	0.100	20.04	0.101	19.91	0.098
3	64QAM	1	14	20.14	0.103	19.99	0.100	19.76	0.095
3	64QAM	8	0	19.95	0.099	19.80	0.095	19.80	0.095
3	64QAM	8	4	19.79	0.095	19.78	0.095	19.82	0.096
3	64QAM	8	7	19.88	0.097	19.82	0.096	19.91	0.098
3	64QAM	15	0	19.82	0.096	19.84	0.096	19.88	0.097



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	21.71	0.148	21.79	0.151	21.68	0.147
1.4	QPSK	1	3	21.71	0.148	21.74	0.149	21.67	0.147
1.4	QPSK	1	5	21.67	0.147	21.78	0.151	21.72	0.149
1.4	QPSK	3	0	21.81	0.152	21.76	0.150	21.81	0.152
1.4	QPSK	3	1	21.80	0.151	21.80	0.151	21.78	0.151
1.4	QPSK	3	3	21.78	0.151	21.82	0.152	21.82	0.152
1.4	QPSK	6	0	20.82	0.121	20.82	0.121	20.71	0.118
1.4	16QAM	1	0	21.09	0.129	21.06	0.128	20.83	0.121
1.4	16QAM	1	3	21.18	0.131	21.26	0.134	21.09	0.129
1.4	16QAM	1	5	21.13	0.130	21.29	0.135	21.19	0.132
1.4	16QAM	3	0	20.91	0.123	20.91	0.123	20.94	0.124
1.4	16QAM	3	1	21.06	0.128	20.85	0.122	20.82	0.121
1.4	16QAM	3	3	20.88	0.122	20.95	0.124	20.90	0.123
1.4	16QAM	6	0	19.86	0.097	19.85	0.097	19.82	0.096
1.4	64QAM	1	0	19.93	0.098	20.08	0.102	20.11	0.103
1.4	64QAM	1	3	20.03	0.101	20.05	0.101	19.97	0.099
1.4	64QAM	1	5	20.09	0.102	20.03	0.101	19.81	0.096
1.4	64QAM	3	0	19.93	0.098	19.86	0.097	19.89	0.097
1.4	64QAM	3	1	19.80	0.095	19.84	0.096	19.90	0.098
1.4	64QAM	3	3	19.90	0.098	19.83	0.096	19.90	0.098
1.4	64QAM	6	0	19.80	0.095	19.82	0.096	19.83	0.096



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20050		20175		20300	
Frequency (MHz)				1720		1732.5		1745	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	21.62	0.145	21.66	0.146	21.65	0.146
20	QPSK	1	49	21.56	0.143	21.57	0.143	21.58	0.144
20	QPSK	1	99	21.48	0.140	21.50	0.141	21.53	0.142
20	QPSK	50	0	20.67	0.117	20.73	0.118	20.60	0.115
20	QPSK	50	24	20.65	0.116	20.68	0.117	20.69	0.117
20	QPSK	50	50	20.62	0.115	20.65	0.116	20.71	0.118
20	QPSK	100	0	20.59	0.114	20.68	0.117	20.63	0.116
20	16QAM	1	0	20.32	0.108	20.57	0.114	20.63	0.116
20	16QAM	1	49	20.57	0.114	20.63	0.116	20.78	0.120
20	16QAM	1	99	20.64	0.116	20.63	0.116	20.74	0.118
20	16QAM	50	0	19.70	0.093	19.66	0.092	19.71	0.093
20	16QAM	50	24	19.73	0.094	19.62	0.092	19.66	0.092
20	16QAM	50	50	19.78	0.095	19.64	0.092	19.65	0.092
20	16QAM	100	0	19.70	0.093	19.69	0.093	19.67	0.093
20	64QAM	1	0	19.82	0.096	19.76	0.095	19.80	0.095
20	64QAM	1	49	19.62	0.092	19.64	0.092	19.80	0.095
20	64QAM	1	99	19.72	0.094	19.73	0.094	19.84	0.096
20	64QAM	50	0	19.64	0.092	19.61	0.091	19.62	0.092
20	64QAM	50	24	19.63	0.092	19.65	0.092	19.78	0.095
20	64QAM	50	50	19.67	0.093	19.64	0.092	19.82	0.096
20	64QAM	100	0	19.65	0.092	19.62	0.092	19.73	0.094



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	21.54	0.143	21.51	0.142
15	QPSK	1	37	21.46	0.140	21.42	0.139	21.51	0.142
15	QPSK	1	74	21.37	0.137	21.40	0.138	21.44	0.139
15	QPSK	36	0	20.53	0.113	20.62	0.115	20.53	0.113
15	QPSK	36	20	20.57	0.114	20.57	0.114	20.60	0.115
15	QPSK	36	39	20.51	0.112	20.51	0.112	20.59	0.115
15	QPSK	75	0	20.46	0.111	20.59	0.115	20.53	0.113
15	16QAM	1	0	20.66	0.116	20.85	0.122	20.48	0.112
15	16QAM	1	37	20.94	0.124	20.89	0.123	20.89	0.123
15	16QAM	1	74	20.56	0.114	20.57	0.114	20.63	0.116
15	16QAM	36	0	19.57	0.091	19.60	0.091	19.63	0.092
15	16QAM	36	20	19.61	0.091	19.56	0.090	19.60	0.091
15	16QAM	36	39	19.66	0.092	19.50	0.089	19.59	0.091
15	16QAM	75	0	19.62	0.092	19.63	0.092	19.60	0.091
15	64QAM	1	0	19.70	0.093	19.69	0.093	19.65	0.092
15	64QAM	1	37	19.67	0.093	19.70	0.093	19.69	0.093
15	64QAM	1	74	19.57	0.091	19.63	0.092	19.78	0.095
15	64QAM	36	0	19.58	0.091	19.53	0.090	19.55	0.090
15	64QAM	36	20	19.53	0.090	19.50	0.089	19.66	0.092
15	64QAM	36	39	19.52	0.090	19.55	0.090	19.71	0.094
15	64QAM	75	0	19.55	0.090	19.48	0.089	19.66	0.092



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	21.50	0.141	21.59	0.144	21.54	0.143
10	QPSK	1	25	21.44	0.139	21.46	0.140	21.46	0.140
10	QPSK	1	49	21.39	0.138	21.36	0.137	21.39	0.138
10	QPSK	25	0	20.54	0.113	20.65	0.116	20.47	0.111
10	QPSK	25	12	20.52	0.113	20.60	0.115	20.61	0.115
10	QPSK	25	25	20.51	0.112	20.57	0.114	20.64	0.116
10	QPSK	50	0	20.46	0.111	20.54	0.113	20.56	0.114
10	16QAM	1	0	20.67	0.117	20.90	0.123	20.57	0.114
10	16QAM	1	25	20.88	0.122	20.96	0.125	20.84	0.121
10	16QAM	1	49	20.72	0.118	20.56	0.114	20.64	0.116
10	16QAM	25	0	19.61	0.091	19.54	0.090	19.62	0.092
10	16QAM	25	12	19.67	0.093	19.47	0.089	19.55	0.090
10	16QAM	25	25	19.68	0.093	19.57	0.091	19.54	0.090
10	16QAM	50	0	19.64	0.092	19.57	0.091	19.58	0.091
10	64QAM	1	0	19.67	0.093	19.63	0.092	19.71	0.094
10	64QAM	1	25	19.56	0.090	19.57	0.091	19.74	0.094
10	64QAM	1	49	19.62	0.092	19.59	0.091	19.74	0.094
10	64QAM	25	0	19.56	0.090	19.53	0.090	19.55	0.090
10	64QAM	25	12	19.55	0.090	19.53	0.090	19.70	0.093
10	64QAM	25	25	19.56	0.090	19.52	0.090	19.67	0.093
10	64QAM	50	0	19.50	0.089	19.49	0.089	19.64	0.092



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	21.49	0.141	21.55	0.143	21.52	0.142
5	QPSK	1	12	21.47	0.140	21.43	0.139	21.44	0.139
5	QPSK	1	24	21.40	0.138	21.40	0.138	21.40	0.138
5	QPSK	12	0	20.58	0.114	20.67	0.117	20.45	0.111
5	QPSK	12	7	20.52	0.113	20.62	0.115	20.54	0.113
5	QPSK	12	13	20.48	0.112	20.50	0.112	20.57	0.114
5	QPSK	25	0	20.49	0.112	20.60	0.115	20.49	0.112
5	16QAM	1	0	20.64	0.116	20.97	0.125	20.55	0.114
5	16QAM	1	12	20.94	0.124	20.98	0.125	20.83	0.121
5	16QAM	1	24	20.56	0.114	20.49	0.112	20.64	0.116
5	16QAM	12	0	19.56	0.090	19.58	0.091	19.61	0.091
5	16QAM	12	7	19.58	0.091	19.49	0.089	19.55	0.090
5	16QAM	12	13	19.70	0.093	19.57	0.091	19.51	0.089
5	16QAM	25	0	19.58	0.091	19.58	0.091	19.52	0.090
5	64QAM	1	0	19.76	0.095	19.70	0.093	19.68	0.093
5	64QAM	1	12	19.67	0.093	19.71	0.094	19.71	0.094
5	64QAM	1	24	19.66	0.092	19.62	0.092	19.77	0.095
5	64QAM	12	0	19.49	0.089	19.50	0.089	19.54	0.090
5	64QAM	12	7	19.56	0.090	19.57	0.091	19.67	0.093
5	64QAM	12	13	19.55	0.090	19.53	0.090	19.76	0.095
5	64QAM	25	0	19.50	0.089	19.49	0.089	19.67	0.093



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	21.49	0.141	21.58	0.144	21.52	0.142
3	QPSK	1	8	21.50	0.141	21.43	0.139	21.52	0.142
3	QPSK	1	14	21.36	0.137	21.41	0.138	21.44	0.139
3	QPSK	8	0	20.53	0.113	20.63	0.116	20.52	0.113
3	QPSK	8	4	20.53	0.113	20.61	0.115	20.61	0.115
3	QPSK	8	7	20.48	0.112	20.58	0.114	20.56	0.114
3	QPSK	15	0	20.46	0.111	20.58	0.114	20.54	0.113
3	16QAM	1	0	20.64	0.116	20.91	0.123	20.53	0.113
3	16QAM	1	8	20.90	0.123	20.99	0.126	20.84	0.121
3	16QAM	1	14	20.52	0.113	20.52	0.113	20.66	0.116
3	16QAM	8	0	19.60	0.091	19.53	0.090	19.61	0.091
3	16QAM	8	4	19.62	0.092	19.55	0.090	19.57	0.091
3	16QAM	8	7	19.70	0.093	19.52	0.090	19.54	0.090
3	16QAM	15	0	19.58	0.091	19.57	0.091	19.58	0.091
3	64QAM	1	0	19.71	0.094	19.67	0.093	19.65	0.092
3	64QAM	1	8	19.70	0.093	19.70	0.093	19.70	0.093
3	64QAM	1	14	19.63	0.092	19.59	0.091	19.71	0.094
3	64QAM	8	0	19.53	0.090	19.51	0.089	19.53	0.090
3	64QAM	8	4	19.48	0.089	19.51	0.089	19.68	0.093
3	64QAM	8	7	19.59	0.091	19.53	0.090	19.72	0.094
3	64QAM	15	0	19.59	0.091	19.54	0.090	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				19957		20175		20393	
Frequency (MHz)				1710.7		1732.5		1754.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	21.51	0.142	21.52	0.142	21.52	0.142
1.4	QPSK	1	3	21.45	0.140	21.42	0.139	21.50	0.141
1.4	QPSK	1	5	21.41	0.138	21.44	0.139	21.39	0.138
1.4	QPSK	3	0	21.58	0.144	21.65	0.146	21.50	0.141
1.4	QPSK	3	1	21.53	0.142	21.58	0.144	21.61	0.145
1.4	QPSK	3	3	21.56	0.143	21.56	0.143	21.56	0.143
1.4	QPSK	6	0	20.44	0.111	20.54	0.113	20.49	0.112
1.4	16QAM	1	0	20.70	0.117	20.90	0.123	20.56	0.114
1.4	16QAM	1	3	20.92	0.124	20.99	0.126	20.87	0.122
1.4	16QAM	1	5	20.50	0.112	20.53	0.113	20.63	0.116
1.4	16QAM	3	0	20.62	0.115	20.60	0.115	20.56	0.114
1.4	16QAM	3	1	20.66	0.116	20.50	0.112	20.55	0.114
1.4	16QAM	3	3	20.63	0.116	20.58	0.114	20.55	0.114
1.4	16QAM	6	0	19.64	0.092	19.59	0.091	19.61	0.091
1.4	64QAM	1	0	19.67	0.093	19.64	0.092	19.67	0.093
1.4	64QAM	1	3	19.56	0.090	19.51	0.089	19.72	0.094
1.4	64QAM	1	5	19.64	0.092	19.60	0.091	19.78	0.095
1.4	64QAM	3	0	19.50	0.089	19.50	0.089	19.56	0.090
1.4	64QAM	3	1	19.48	0.089	19.50	0.089	19.68	0.093
1.4	64QAM	3	3	19.54	0.090	19.57	0.091	19.68	0.093
1.4	64QAM	6	0	19.55	0.090	19.56	0.090	19.66	0.092



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	17.66	0.058	17.67	0.058	17.59	0.057
10	QPSK	1	25	17.62	0.058	17.65	0.058	17.54	0.057
10	QPSK	1	49	17.54	0.057	17.61	0.058	17.36	0.054
10	QPSK	25	0	16.72	0.047	16.80	0.048	16.66	0.046
10	QPSK	25	12	16.79	0.048	16.76	0.047	16.71	0.047
10	QPSK	25	25	16.71	0.047	16.67	0.046	16.70	0.047
10	QPSK	50	0	16.60	0.046	16.62	0.046	16.59	0.046
10	16QAM	1	0	16.69	0.047	16.59	0.046	16.55	0.045
10	16QAM	1	25	16.68	0.047	16.86	0.049	16.72	0.047
10	16QAM	1	49	16.65	0.046	16.66	0.046	16.58	0.045
10	16QAM	25	0	15.64	0.037	15.55	0.036	15.52	0.036
10	16QAM	25	12	15.56	0.036	15.52	0.036	15.49	0.035
10	16QAM	25	25	15.64	0.037	15.60	0.036	15.55	0.036
10	16QAM	50	0	15.68	0.037	15.54	0.036	15.51	0.036
10	64QAM	1	0	15.70	0.037	15.77	0.038	15.66	0.037
10	64QAM	1	25	15.57	0.036	15.55	0.036	15.61	0.036
10	64QAM	1	49	15.72	0.037	15.52	0.036	15.68	0.037
10	64QAM	25	0	15.67	0.037	15.60	0.036	15.55	0.036
10	64QAM	25	12	15.75	0.038	15.55	0.036	15.60	0.036
10	64QAM	25	25	15.59	0.036	15.60	0.036	15.55	0.036
10	64QAM	50	0	15.60	0.036	15.57	0.036	15.59	0.036



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	17.63	0.058	17.64	0.058	17.56	0.057
5	QPSK	1	12	17.59	0.057	17.59	0.057	17.52	0.056
5	QPSK	1	24	17.49	0.056	17.56	0.057	17.30	0.054
5	QPSK	12	0	16.71	0.047	16.77	0.048	16.53	0.045
5	QPSK	12	7	16.75	0.047	16.73	0.047	16.68	0.047
5	QPSK	12	13	16.61	0.046	16.63	0.046	16.60	0.046
5	QPSK	25	0	16.65	0.046	16.63	0.046	16.68	0.047
5	16QAM	1	0	16.79	0.048	16.70	0.047	16.65	0.046
5	16QAM	1	12	16.78	0.048	16.98	0.050	16.84	0.048
5	16QAM	1	24	16.77	0.048	16.74	0.047	16.70	0.047
5	16QAM	12	0	15.70	0.037	15.66	0.037	15.57	0.036
5	16QAM	12	7	15.64	0.037	15.63	0.037	15.55	0.036
5	16QAM	12	13	15.69	0.037	15.68	0.037	15.62	0.036
5	16QAM	25	0	15.78	0.038	15.59	0.036	15.56	0.036
5	64QAM	1	0	15.64	0.037	15.71	0.037	15.64	0.037
5	64QAM	1	12	15.47	0.035	15.54	0.036	15.56	0.036
5	64QAM	1	24	15.67	0.037	15.43	0.035	15.59	0.036
5	64QAM	12	0	15.60	0.036	15.56	0.036	15.49	0.035
5	64QAM	12	7	15.71	0.037	15.50	0.035	15.54	0.036
5	64QAM	12	13	15.51	0.036	15.51	0.036	15.45	0.035
5	64QAM	25	0	15.69	0.037	15.67	0.037	15.70	0.037



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	17.54	0.057	17.62	0.058	17.58	0.057
3	QPSK	1	8	17.61	0.058	17.59	0.057	17.47	0.056
3	QPSK	1	14	17.45	0.056	17.54	0.057	17.28	0.053
3	QPSK	8	0	16.65	0.046	16.76	0.047	16.54	0.045
3	QPSK	8	4	16.75	0.047	16.73	0.047	16.66	0.046
3	QPSK	8	7	16.47	0.044	16.52	0.045	16.50	0.045
3	QPSK	15	0	16.52	0.045	16.51	0.045	16.55	0.045
3	16QAM	1	0	16.66	0.046	16.50	0.045	16.51	0.045
3	16QAM	1	8	16.66	0.046	16.84	0.048	16.65	0.046
3	16QAM	1	14	16.58	0.045	16.56	0.045	16.56	0.045
3	16QAM	8	0	15.61	0.036	15.49	0.035	15.45	0.035
3	16QAM	8	4	15.47	0.035	15.49	0.035	15.48	0.035
3	16QAM	8	7	15.58	0.036	15.50	0.035	15.47	0.035
3	16QAM	15	0	15.64	0.037	15.51	0.036	15.48	0.035
3	64QAM	1	0	15.62	0.036	15.68	0.037	15.63	0.037
3	64QAM	1	8	15.56	0.036	15.50	0.035	15.60	0.036
3	64QAM	1	14	15.68	0.037	15.49	0.035	15.65	0.037
3	64QAM	8	0	15.62	0.036	15.51	0.036	15.51	0.036
3	64QAM	8	4	15.71	0.037	15.54	0.036	15.56	0.036
3	64QAM	8	7	15.57	0.036	15.51	0.036	15.49	0.035
3	64QAM	15	0	15.50	0.035	15.56	0.036	15.50	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				20407		20525		20643	
Frequency (MHz)				824.7		836.5		848.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	17.64	0.058	17.65	0.058	17.52	0.056
1.4	QPSK	1	3	17.57	0.057	17.57	0.057	17.46	0.056
1.4	QPSK	1	5	17.53	0.057	17.58	0.057	17.31	0.054
1.4	QPSK	3	0	17.53	0.057	17.64	0.058	17.38	0.055
1.4	QPSK	3	1	17.59	0.057	17.56	0.057	17.49	0.056
1.4	QPSK	3	3	17.48	0.056	17.52	0.056	17.55	0.057
1.4	QPSK	6	0	16.59	0.046	16.49	0.045	16.50	0.045
1.4	16QAM	1	0	16.66	0.046	16.54	0.045	16.47	0.044
1.4	16QAM	1	3	16.66	0.046	16.84	0.048	16.62	0.046
1.4	16QAM	1	5	16.64	0.046	16.61	0.046	16.53	0.045
1.4	16QAM	3	0	16.69	0.047	16.62	0.046	16.64	0.046
1.4	16QAM	3	1	16.68	0.047	16.63	0.046	16.57	0.045
1.4	16QAM	3	3	16.69	0.047	16.69	0.047	16.67	0.046
1.4	16QAM	6	0	15.80	0.038	15.66	0.037	15.63	0.037
1.4	64QAM	1	0	15.83	0.038	15.85	0.038	15.71	0.037
1.4	64QAM	1	3	15.64	0.037	15.61	0.036	15.66	0.037
1.4	64QAM	1	5	15.80	0.038	15.56	0.036	15.80	0.038
1.4	64QAM	3	0	15.74	0.037	15.73	0.037	15.66	0.037
1.4	64QAM	3	1	15.81	0.038	15.62	0.036	15.65	0.037
1.4	64QAM	3	3	15.64	0.037	15.64	0.037	15.61	0.036
1.4	64QAM	6	0	15.72	0.037	15.69	0.037	15.69	0.037



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	21.62	0.145	21.68	0.147	21.64	0.146
20	QPSK	1	49	21.54	0.143	21.61	0.145	21.66	0.147
20	QPSK	1	99	21.65	0.146	21.66	0.147	21.67	0.147
20	QPSK	50	0	20.75	0.119	20.88	0.122	20.87	0.122
20	QPSK	50	24	20.82	0.121	20.87	0.122	20.86	0.122
20	QPSK	50	50	20.85	0.122	20.84	0.121	20.86	0.122
20	QPSK	100	0	20.90	0.123	20.91	0.123	20.83	0.121
20	16QAM	1	0	20.76	0.119	20.70	0.117	20.75	0.119
20	16QAM	1	49	20.83	0.121	20.82	0.121	20.74	0.119
20	16QAM	1	99	20.84	0.121	20.89	0.123	20.85	0.122
20	16QAM	50	0	19.74	0.094	19.89	0.097	19.95	0.099
20	16QAM	50	24	19.78	0.095	19.83	0.096	19.75	0.094
20	16QAM	50	50	19.77	0.095	19.88	0.097	19.73	0.094
20	16QAM	100	0	19.76	0.095	19.81	0.096	19.86	0.097
20	64QAM	1	0	19.79	0.095	19.83	0.096	19.87	0.097
20	64QAM	1	49	19.83	0.096	19.89	0.097	19.64	0.092
20	64QAM	1	99	19.78	0.095	19.65	0.092	19.55	0.090
20	64QAM	50	0	19.75	0.094	19.79	0.095	19.83	0.096
20	64QAM	50	24	19.75	0.094	19.88	0.097	19.67	0.093
20	64QAM	50	50	19.72	0.094	19.87	0.097	19.81	0.096
20	64QAM	100	0	19.80	0.095	19.79	0.095	19.69	0.093



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	21.56	0.143	21.66	0.147	21.60	0.145
15	QPSK	1	37	21.46	0.140	21.53	0.142	21.58	0.144
15	QPSK	1	74	21.58	0.144	21.63	0.146	21.65	0.146
15	QPSK	36	0	20.72	0.118	20.87	0.122	20.79	0.120
15	QPSK	36	20	20.72	0.118	20.85	0.122	20.80	0.120
15	QPSK	36	39	20.79	0.120	20.83	0.121	20.84	0.121
15	QPSK	75	0	20.82	0.121	20.79	0.120	20.74	0.119
15	16QAM	1	0	20.72	0.118	20.69	0.117	20.67	0.117
15	16QAM	1	37	20.78	0.120	20.73	0.118	20.73	0.118
15	16QAM	1	74	20.81	0.121	20.88	0.122	20.75	0.119
15	16QAM	36	0	19.67	0.093	19.87	0.097	19.94	0.099
15	16QAM	36	20	19.75	0.094	19.74	0.094	19.70	0.093
15	16QAM	36	39	19.73	0.094	19.87	0.097	19.66	0.092
15	16QAM	75	0	19.74	0.094	19.80	0.095	19.85	0.097
15	64QAM	1	0	19.75	0.094	19.73	0.094	19.85	0.097
15	64QAM	1	37	19.74	0.094	19.84	0.096	19.60	0.091
15	64QAM	1	74	19.70	0.093	19.60	0.091	19.53	0.090
15	64QAM	36	0	19.65	0.092	19.71	0.094	19.74	0.094
15	64QAM	36	20	19.70	0.093	19.84	0.096	19.64	0.092
15	64QAM	36	39	19.62	0.092	19.83	0.096	19.80	0.095
15	64QAM	75	0	19.79	0.095	19.71	0.094	19.67	0.093



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	21.50	0.141	21.63	0.146	21.61	0.145
10	QPSK	1	25	21.50	0.141	21.59	0.144	21.56	0.143
10	QPSK	1	49	21.57	0.144	21.57	0.144	21.60	0.145
10	QPSK	25	0	20.67	0.117	20.86	0.122	20.77	0.119
10	QPSK	25	12	20.77	0.119	20.83	0.121	20.81	0.121
10	QPSK	25	25	20.80	0.120	20.74	0.119	20.85	0.122
10	QPSK	50	0	20.89	0.123	20.86	0.122	20.81	0.121
10	16QAM	1	0	20.68	0.117	20.66	0.116	20.67	0.117
10	16QAM	1	25	20.79	0.120	20.80	0.120	20.64	0.116
10	16QAM	1	49	20.78	0.120	20.80	0.120	20.83	0.121
10	16QAM	25	0	19.72	0.094	19.80	0.095	19.93	0.098
10	16QAM	25	12	19.75	0.094	19.80	0.095	19.65	0.092
10	16QAM	25	25	19.74	0.094	19.80	0.095	19.67	0.093
10	16QAM	50	0	19.71	0.094	19.80	0.095	19.85	0.097
10	64QAM	1	0	19.78	0.095	19.81	0.096	19.86	0.097
10	64QAM	1	25	19.74	0.094	19.84	0.096	19.61	0.091
10	64QAM	1	49	19.74	0.094	19.55	0.090	19.47	0.089
10	64QAM	25	0	19.66	0.092	19.73	0.094	19.78	0.095
10	64QAM	25	12	19.71	0.094	19.87	0.097	19.65	0.092
10	64QAM	25	25	19.69	0.093	19.77	0.095	19.75	0.094
10	64QAM	50	0	19.73	0.094	19.78	0.095	19.61	0.091



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	21.56	0.143	21.67	0.147	21.54	0.143
5	QPSK	1	12	21.51	0.142	21.57	0.144	21.63	0.146
5	QPSK	1	24	21.59	0.144	21.62	0.145	21.61	0.145
5	QPSK	12	0	20.72	0.118	20.84	0.121	20.80	0.120
5	QPSK	12	7	20.81	0.121	20.85	0.122	20.80	0.120
5	QPSK	12	13	20.77	0.119	20.80	0.120	20.83	0.121
5	QPSK	25	0	20.82	0.121	20.85	0.122	20.75	0.119
5	16QAM	1	0	20.75	0.119	20.61	0.115	20.68	0.117
5	16QAM	1	12	20.80	0.120	20.77	0.119	20.68	0.117
5	16QAM	1	24	20.76	0.119	20.87	0.122	20.81	0.121
5	16QAM	12	0	19.72	0.094	19.79	0.095	19.87	0.097
5	16QAM	12	7	19.70	0.093	19.79	0.095	19.69	0.093
5	16QAM	12	13	19.69	0.093	19.79	0.095	19.66	0.092
5	16QAM	25	0	19.67	0.093	19.71	0.094	19.80	0.095
5	64QAM	1	0	19.71	0.094	19.78	0.095	19.80	0.095
5	64QAM	1	12	19.78	0.095	19.87	0.097	19.55	0.090
5	64QAM	1	24	19.74	0.094	19.63	0.092	19.47	0.089
5	64QAM	12	0	19.71	0.094	19.71	0.094	19.77	0.095
5	64QAM	12	7	19.65	0.092	19.82	0.096	19.57	0.091
5	64QAM	12	13	19.71	0.094	19.82	0.096	19.71	0.094
5	64QAM	25	0	19.70	0.093	19.74	0.094	19.61	0.091



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	16.21	0.042	16.26	0.042	16.14	0.041
10	QPSK	1	25	16.14	0.041	16.17	0.041	16.18	0.041
10	QPSK	1	49	16.04	0.040	16.19	0.042	16.21	0.042
10	QPSK	25	0	15.37	0.034	15.42	0.035	15.41	0.035
10	QPSK	25	12	15.39	0.035	15.30	0.034	15.37	0.034
10	QPSK	25	25	15.39	0.035	15.34	0.034	15.31	0.034
10	QPSK	50	0	15.33	0.034	15.42	0.035	15.38	0.035
10	16QAM	1	0	15.57	0.036	15.54	0.036	15.41	0.035
10	16QAM	1	25	15.32	0.034	15.39	0.035	15.39	0.035
10	16QAM	1	49	15.37	0.034	15.32	0.034	15.43	0.035
10	16QAM	25	0	14.35	0.027	14.37	0.027	14.48	0.028
10	16QAM	25	12	14.33	0.027	14.38	0.027	14.35	0.027
10	16QAM	25	25	14.45	0.028	14.42	0.028	14.44	0.028
10	16QAM	50	0	14.49	0.028	14.43	0.028	14.40	0.028
10	64QAM	1	0	14.49	0.028	14.44	0.028	14.34	0.027
10	64QAM	1	25	14.55	0.029	14.50	0.028	14.48	0.028
10	64QAM	1	49	14.61	0.029	14.63	0.029	14.57	0.029
10	64QAM	25	0	14.33	0.027	14.53	0.028	14.37	0.027
10	64QAM	25	12	14.40	0.028	14.46	0.028	14.48	0.028
10	64QAM	25	25	14.35	0.027	14.42	0.028	14.36	0.027
10	64QAM	50	0	14.39	0.027	14.37	0.027	14.40	0.028



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	16.01	0.040	16.16	0.041	16.04	0.040
5	QPSK	1	12	16.09	0.041	16.16	0.041	16.09	0.041
5	QPSK	1	24	16.03	0.040	16.14	0.041	16.15	0.041
5	QPSK	12	0	15.34	0.034	15.35	0.034	15.37	0.034
5	QPSK	12	7	15.30	0.034	15.25	0.033	15.34	0.034
5	QPSK	12	13	15.31	0.034	15.26	0.034	15.30	0.034
5	QPSK	25	0	15.32	0.034	15.29	0.034	15.34	0.034
5	16QAM	1	0	15.53	0.036	15.49	0.035	15.31	0.034
5	16QAM	1	12	15.22	0.033	15.37	0.034	15.37	0.034
5	16QAM	1	24	15.32	0.034	15.31	0.034	15.36	0.034
5	16QAM	12	0	14.26	0.027	14.35	0.027	14.40	0.028
5	16QAM	12	7	14.32	0.027	14.30	0.027	14.27	0.027
5	16QAM	12	13	14.37	0.027	14.34	0.027	14.38	0.027
5	16QAM	25	0	14.47	0.028	14.33	0.027	14.38	0.027
5	64QAM	1	0	14.47	0.028	14.36	0.027	14.30	0.027
5	64QAM	1	12	14.47	0.028	14.43	0.028	14.46	0.028
5	64QAM	1	24	14.57	0.029	14.59	0.029	14.47	0.028
5	64QAM	12	0	14.29	0.027	14.48	0.028	14.34	0.027
5	64QAM	12	7	14.33	0.027	14.43	0.028	14.41	0.028
5	64QAM	12	13	14.31	0.027	14.37	0.027	14.27	0.027
5	64QAM	25	0	14.38	0.027	14.34	0.027	14.39	0.027



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	16.06	0.040	16.24	0.042	16.12	0.041
3	QPSK	1	8	16.12	0.041	16.12	0.041	16.17	0.041
3	QPSK	1	14	16.02	0.040	16.18	0.041	16.11	0.041
3	QPSK	8	0	15.36	0.034	15.36	0.034	15.36	0.034
3	QPSK	8	4	15.34	0.034	15.20	0.033	15.33	0.034
3	QPSK	8	7	15.30	0.034	15.29	0.034	15.24	0.033
3	QPSK	15	0	15.27	0.034	15.29	0.034	15.33	0.034
3	16QAM	1	0	15.50	0.035	15.49	0.035	15.31	0.034
3	16QAM	1	8	15.27	0.034	15.32	0.034	15.37	0.034
3	16QAM	1	14	15.27	0.034	15.27	0.034	15.41	0.035
3	16QAM	8	0	14.33	0.027	14.31	0.027	14.46	0.028
3	16QAM	8	4	14.24	0.027	14.28	0.027	14.27	0.027
3	16QAM	8	7	14.42	0.028	14.38	0.027	14.39	0.027
3	16QAM	15	0	14.48	0.028	14.38	0.027	14.30	0.027
3	64QAM	1	0	14.45	0.028	14.39	0.027	14.30	0.027
3	64QAM	1	8	14.52	0.028	14.49	0.028	14.40	0.028
3	64QAM	1	14	14.54	0.028	14.56	0.029	14.50	0.028
3	64QAM	8	0	14.31	0.027	14.52	0.028	14.27	0.027
3	64QAM	8	4	14.31	0.027	14.38	0.027	14.44	0.028
3	64QAM	8	7	14.34	0.027	14.35	0.027	14.30	0.027
3	64QAM	15	0	14.33	0.027	14.31	0.027	14.32	0.027



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	16.05	0.040	16.25	0.042	16.06	0.040
1.4	QPSK	1	3	16.12	0.041	16.11	0.041	16.15	0.041
1.4	QPSK	1	5	16.03	0.040	16.09	0.041	16.14	0.041
1.4	QPSK	3	0	16.16	0.041	16.20	0.042	16.20	0.042
1.4	QPSK	3	1	16.21	0.042	16.09	0.041	16.18	0.041
1.4	QPSK	3	3	16.13	0.041	16.09	0.041	16.07	0.040
1.4	QPSK	6	0	15.28	0.034	15.28	0.034	15.30	0.034
1.4	16QAM	1	0	15.52	0.036	15.47	0.035	15.39	0.035
1.4	16QAM	1	3	15.25	0.033	15.30	0.034	15.32	0.034
1.4	16QAM	1	5	15.36	0.034	15.22	0.033	15.40	0.035
1.4	16QAM	3	0	15.26	0.034	15.36	0.034	15.40	0.035
1.4	16QAM	3	1	15.27	0.034	15.29	0.034	15.26	0.034
1.4	16QAM	3	3	15.42	0.035	15.37	0.034	15.40	0.035
1.4	16QAM	6	0	14.43	0.028	14.34	0.027	14.36	0.027
1.4	64QAM	1	0	14.47	0.028	14.36	0.027	14.26	0.027
1.4	64QAM	1	3	14.47	0.028	14.42	0.028	14.44	0.028
1.4	64QAM	1	5	14.60	0.029	14.58	0.029	14.51	0.028
1.4	64QAM	3	0	14.31	0.027	14.46	0.028	14.36	0.027
1.4	64QAM	3	1	14.31	0.027	14.39	0.027	14.47	0.028
1.4	64QAM	3	3	14.30	0.027	14.38	0.027	14.26	0.027
1.4	64QAM	6	0	14.37	0.027	14.27	0.027	14.39	0.027



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	16.20	0.042	16.22	0.042	16.07	0.040
10	QPSK	1	25	16.19	0.042	16.21	0.042	16.17	0.041
10	QPSK	1	49	16.10	0.041	16.18	0.041	16.20	0.042
10	QPSK	25	0	15.30	0.034	15.31	0.034	15.29	0.034
10	QPSK	25	12	15.27	0.034	15.26	0.034	15.26	0.034
10	QPSK	25	25	15.28	0.034	15.22	0.033	15.23	0.033
10	QPSK	50	0	15.29	0.034	15.27	0.034	15.27	0.034
10	16QAM	1	0	15.41	0.035	15.57	0.036	15.24	0.033
10	16QAM	1	25	15.23	0.033	15.29	0.034	15.34	0.034
10	16QAM	1	49	15.37	0.034	15.43	0.035	15.45	0.035
10	16QAM	25	0	14.30	0.027	14.34	0.027	14.22	0.026
10	16QAM	25	12	14.36	0.027	14.38	0.027	14.37	0.027
10	16QAM	25	25	14.38	0.027	14.32	0.027	14.31	0.027
10	16QAM	50	0	14.23	0.026	14.27	0.027	14.28	0.027
10	64QAM	1	0	14.28	0.027	14.47	0.028	14.36	0.027
10	64QAM	1	25	14.51	0.028	14.55	0.029	14.42	0.028
10	64QAM	1	49	14.36	0.027	14.35	0.027	14.33	0.027
10	64QAM	25	0	14.24	0.027	14.36	0.027	14.25	0.027
10	64QAM	25	12	14.23	0.026	14.30	0.027	14.27	0.027
10	64QAM	25	25	14.31	0.027	14.34	0.027	14.30	0.027
10	64QAM	50	0	14.27	0.027	14.23	0.026	14.28	0.027



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	16.19	0.042	16.20	0.042	16.06	0.040
5	QPSK	1	12	16.12	0.041	16.15	0.041	16.16	0.041
5	QPSK	1	24	16.07	0.040	16.11	0.041	16.14	0.041
5	QPSK	12	0	15.23	0.033	15.26	0.034	15.26	0.034
5	QPSK	12	7	15.18	0.033	15.16	0.033	15.18	0.033
5	QPSK	12	13	15.18	0.033	15.15	0.033	15.21	0.033
5	QPSK	25	0	15.24	0.033	15.20	0.033	15.22	0.033
5	16QAM	1	0	15.38	0.035	15.47	0.035	15.17	0.033
5	16QAM	1	12	15.22	0.033	15.22	0.033	15.24	0.033
5	16QAM	1	24	15.28	0.034	15.36	0.034	15.35	0.034
5	16QAM	12	0	14.27	0.027	14.30	0.027	14.15	0.026
5	16QAM	12	7	14.28	0.027	14.29	0.027	14.33	0.027
5	16QAM	12	13	14.37	0.027	14.28	0.027	14.23	0.026
5	16QAM	25	0	14.19	0.026	14.26	0.027	14.19	0.026
5	64QAM	1	0	14.25	0.027	14.46	0.028	14.32	0.027
5	64QAM	1	12	14.50	0.028	14.50	0.028	14.34	0.027
5	64QAM	1	24	14.28	0.027	14.34	0.027	14.29	0.027
5	64QAM	12	0	14.14	0.026	14.29	0.027	14.15	0.026
5	64QAM	12	7	14.14	0.026	14.25	0.027	14.24	0.027
5	64QAM	12	13	14.28	0.027	14.30	0.027	14.21	0.026
5	64QAM	25	0	14.18	0.026	14.22	0.026	14.26	0.027



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	17.41	0.055	17.35	0.054	17.43	0.055
5	QPSK	1	12	17.27	0.053	17.24	0.053	17.32	0.054
5	QPSK	1	24	17.38	0.055	17.29	0.054	17.39	0.055
5	QPSK	12	0	16.57	0.045	16.61	0.046	16.67	0.046
5	QPSK	12	7	16.38	0.043	16.43	0.044	16.44	0.044
5	QPSK	12	13	16.64	0.046	16.58	0.045	16.65	0.046
5	QPSK	25	0	16.46	0.044	16.53	0.045	16.56	0.045
5	16QAM	1	0	16.61	0.046	16.64	0.046	16.72	0.047
5	16QAM	1	12	16.59	0.046	16.59	0.046	16.68	0.047
5	16QAM	1	24	16.52	0.045	16.56	0.045	16.59	0.046
5	16QAM	12	0	15.68	0.037	15.72	0.037	15.78	0.038
5	16QAM	12	7	15.68	0.037	15.61	0.036	15.73	0.037
5	16QAM	12	13	15.62	0.036	15.66	0.037	15.69	0.037
5	16QAM	25	0	15.72	0.037	15.80	0.038	15.82	0.038
5	64QAM	1	0	15.66	0.037	15.75	0.038	15.78	0.038
5	64QAM	1	12	15.61	0.036	15.60	0.036	15.69	0.037
5	64QAM	1	24	15.84	0.038	15.79	0.038	15.85	0.038
5	64QAM	12	0	15.55	0.036	15.54	0.036	15.63	0.037
5	64QAM	12	7	15.52	0.036	15.51	0.036	15.63	0.037
5	64QAM	12	13	15.58	0.036	15.57	0.036	15.62	0.036
5	64QAM	25	0	15.50	0.035	15.49	0.035	15.60	0.036



LTE Band 19				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	/	/	17.64	0.058	/	/
15	QPSK	1	37	/	/	17.55	0.057	/	/
15	QPSK	1	74	/	/	17.54	0.057	/	/
15	QPSK	36	0	/	/	17.00	0.050	/	/
15	QPSK	36	20	/	/	16.75	0.047	/	/
15	QPSK	36	39	/	/	16.62	0.046	/	/
15	QPSK	75	0	/	/	16.63	0.046	/	/
15	16QAM	1	0	/	/	16.76	0.047	/	/
15	16QAM	1	37	/	/	16.68	0.047	/	/
15	16QAM	1	74	/	/	16.61	0.046	/	/
15	16QAM	36	0	/	/	15.83	0.038	/	/
15	16QAM	36	20	/	/	15.72	0.037	/	/
15	16QAM	36	39	/	/	15.79	0.038	/	/
15	16QAM	75	0	/	/	15.89	0.039	/	/
15	64QAM	1	0	/	/	15.91	0.039	/	/
15	64QAM	1	37	/	/	15.73	0.037	/	/
15	64QAM	1	74	/	/	15.69	0.037	/	/
15	64QAM	36	0	/	/	15.90	0.039	/	/
15	64QAM	36	20	/	/	15.90	0.039	/	/
15	64QAM	36	39	/	/	15.96	0.039	/	/
15	64QAM	75	0	/	/	15.93	0.039	/	/



LTE Band 19				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	17.52	0.056	17.56	0.057	17.53	0.057
10	QPSK	1	25	17.55	0.057	17.54	0.057	17.47	0.056
10	QPSK	1	49	17.41	0.055	17.54	0.057	17.46	0.056
10	QPSK	25	0	16.94	0.049	16.75	0.047	16.61	0.046
10	QPSK	25	12	16.90	0.049	16.72	0.047	16.51	0.045
10	QPSK	25	25	16.89	0.049	16.73	0.047	16.58	0.045
10	QPSK	50	0	16.90	0.049	16.78	0.048	16.60	0.046
10	16QAM	1	0	16.62	0.046	16.94	0.049	16.71	0.047
10	16QAM	1	25	16.71	0.047	16.80	0.048	16.85	0.048
10	16QAM	1	49	16.65	0.046	16.64	0.046	16.62	0.046
10	16QAM	25	0	15.91	0.039	16.05	0.040	16.34	0.043
10	16QAM	25	12	15.92	0.039	16.08	0.041	16.16	0.041
10	16QAM	25	25	16.09	0.041	15.97	0.040	16.03	0.040
10	16QAM	50	0	16.26	0.042	16.13	0.041	16.15	0.041
10	64QAM	1	0	15.99	0.040	15.99	0.040	15.81	0.038
10	64QAM	1	12	16.09	0.041	15.81	0.038	15.83	0.038
10	64QAM	1	24	15.81	0.038	15.80	0.038	15.80	0.038
10	64QAM	12	0	16.16	0.041	15.93	0.039	15.88	0.039
10	64QAM	12	7	15.92	0.039	15.94	0.039	15.87	0.039
10	64QAM	12	13	15.82	0.038	15.95	0.039	15.70	0.037
10	64QAM	25	0	16.12	0.041	15.91	0.039	15.84	0.038



LTE Band 19				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	17.51	0.056	17.56	0.057	17.52	0.056
5	QPSK	1	12	17.46	0.056	17.50	0.056	17.52	0.056
5	QPSK	1	24	17.42	0.055	17.54	0.057	17.54	0.057
5	QPSK	12	0	16.88	0.049	16.70	0.047	16.59	0.046
5	QPSK	12	7	16.98	0.050	16.69	0.047	16.69	0.047
5	QPSK	12	13	16.87	0.049	16.64	0.046	16.58	0.045
5	QPSK	25	0	16.91	0.049	16.72	0.047	16.77	0.048
5	16QAM	1	0	16.62	0.046	16.62	0.046	16.63	0.046
5	16QAM	1	12	16.66	0.046	16.56	0.045	16.53	0.045
5	16QAM	1	24	16.71	0.047	16.71	0.047	16.76	0.047
5	16QAM	12	0	16.24	0.042	16.06	0.040	16.04	0.040
5	16QAM	12	7	16.09	0.041	16.11	0.041	15.80	0.038
5	16QAM	12	13	16.21	0.042	16.06	0.040	15.85	0.038
5	16QAM	25	0	15.76	0.038	15.90	0.039	15.87	0.039
5	64QAM	1	0	16.00	0.040	15.82	0.038	15.80	0.038
5	64QAM	1	12	15.89	0.039	16.00	0.040	15.81	0.038
5	64QAM	1	24	15.83	0.038	15.80	0.038	15.80	0.038
5	64QAM	12	0	16.10	0.041	15.88	0.039	15.71	0.037
5	64QAM	12	7	15.69	0.037	16.01	0.040	15.72	0.037
5	64QAM	12	13	16.09	0.041	15.98	0.040	15.64	0.037
5	64QAM	25	0	16.09	0.041	15.88	0.039	15.70	0.037



LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26865		26915		26965	
Frequency (MHz)				831.5		836.5		841.5	
				dbm	W	dbm	W	dbm	W
15	QPSK	1	0	17.67	0.058	17.57	0.057	17.62	0.058
15	QPSK	1	37	17.58	0.057	17.64	0.058	17.65	0.058
15	QPSK	1	74	17.65	0.058	17.24	0.053	17.32	0.054
15	QPSK	36	0	16.78	0.048	16.58	0.045	16.69	0.047
15	QPSK	36	20	16.75	0.047	16.51	0.045	16.61	0.046
15	QPSK	36	39	16.77	0.048	16.61	0.046	16.71	0.047
15	QPSK	75	0	16.67	0.046	16.60	0.046	16.64	0.046
15	16QAM	1	0	16.59	0.046	16.68	0.047	16.73	0.047
15	16QAM	1	37	16.62	0.046	16.56	0.045	16.60	0.046
15	16QAM	1	74	16.56	0.045	16.43	0.044	16.51	0.045
15	16QAM	36	0	15.73	0.037	15.63	0.037	15.66	0.037
15	16QAM	36	20	15.66	0.037	15.58	0.036	15.65	0.037
15	16QAM	36	39	15.74	0.037	15.63	0.037	15.72	0.037
15	16QAM	75	0	15.76	0.038	15.64	0.037	15.70	0.037
15	64QAM	1	0	15.74	0.037	15.67	0.037	15.75	0.038
15	64QAM	1	37	15.74	0.037	15.62	0.036	15.71	0.037
15	64QAM	1	74	15.59	0.036	15.46	0.035	15.47	0.035
15	64QAM	36	0	15.65	0.037	15.64	0.037	15.69	0.037
15	64QAM	36	20	15.68	0.037	15.54	0.036	15.57	0.036
15	64QAM	36	39	15.72	0.037	15.61	0.036	15.68	0.037
15	64QAM	75	0	15.76	0.038	15.58	0.036	15.61	0.036



LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26840		26915		26990	
Frequency (MHz)				829.0		836.5		844.0	
				dbm	W	dbm	W	dbm	W
10	QPSK	1	0	17.51	0.056	17.48	0.056	17.59	0.057
10	QPSK	1	25	17.49	0.056	17.47	0.056	17.55	0.057
10	QPSK	1	49	17.25	0.053	17.19	0.052	17.26	0.053
10	QPSK	25	0	16.54	0.045	16.58	0.045	16.60	0.046
10	QPSK	25	12	16.46	0.044	16.50	0.045	16.53	0.045
10	QPSK	25	25	16.58	0.045	16.59	0.046	16.63	0.046
10	QPSK	50	0	16.90	0.049	16.96	0.050	16.97	0.050
10	16QAM	1	0	16.60	0.046	16.58	0.045	16.63	0.046
10	16QAM	1	25	16.50	0.045	16.48	0.044	16.53	0.045
10	16QAM	1	49	16.40	0.044	16.46	0.044	16.49	0.045
10	16QAM	25	0	15.45	0.035	15.46	0.035	15.56	0.036
10	16QAM	25	12	15.50	0.035	15.55	0.036	15.62	0.036
10	16QAM	25	25	15.58	0.036	15.54	0.036	15.65	0.037
10	16QAM	50	0	15.54	0.036	15.56	0.036	15.65	0.037
10	64QAM	1	0	15.70	0.037	15.72	0.037	15.73	0.037
10	64QAM	1	25	15.55	0.036	15.61	0.036	15.62	0.036
10	64QAM	1	49	15.33	0.034	15.36	0.034	15.43	0.035
10	64QAM	25	0	15.51	0.036	15.52	0.036	15.62	0.036
10	64QAM	25	12	15.52	0.036	15.50	0.035	15.56	0.036
10	64QAM	25	25	15.60	0.036	15.50	0.035	15.61	0.036
10	64QAM	50	0	15.50	0.035	15.42	0.035	15.52	0.036



LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26815		26915		27015	
Frequency (MHz)				826.5		836.5		846.5	
				dbm	W	dbm	W	dbm	W
5	QPSK	1	0	17.55	0.057	17.48	0.056	17.59	0.057
5	QPSK	1	12	17.49	0.056	17.56	0.057	17.61	0.058
5	QPSK	1	24	17.23	0.053	17.17	0.052	17.27	0.053
5	QPSK	12	0	16.51	0.045	16.52	0.045	16.60	0.046
5	QPSK	12	7	16.52	0.045	16.41	0.044	16.53	0.045
5	QPSK	12	13	16.54	0.045	16.59	0.046	16.66	0.046
5	QPSK	25	0	16.86	0.049	16.89	0.049	16.95	0.050
5	16QAM	1	0	16.62	0.046	16.62	0.046	16.70	0.047
5	16QAM	1	12	16.52	0.045	16.44	0.044	16.55	0.045
5	16QAM	1	24	16.36	0.043	16.32	0.043	16.41	0.044
5	16QAM	12	0	15.59	0.036	15.53	0.036	15.64	0.037
5	16QAM	12	7	15.60	0.036	15.50	0.035	15.61	0.036
5	16QAM	12	13	15.60	0.036	15.59	0.036	15.68	0.037
5	16QAM	25	0	15.60	0.036	15.58	0.036	15.66	0.037
5	64QAM	1	0	15.59	0.036	15.56	0.036	15.68	0.037
5	64QAM	1	12	15.61	0.036	15.51	0.036	15.62	0.036
5	64QAM	1	24	15.31	0.034	15.33	0.034	15.41	0.035
5	64QAM	12	0	15.61	0.036	15.58	0.036	15.65	0.037
5	64QAM	12	7	15.41	0.035	15.47	0.035	15.50	0.035
5	64QAM	12	13	15.59	0.036	15.52	0.036	15.63	0.037
5	64QAM	25	0	15.53	0.036	15.54	0.036	15.58	0.036



LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26805		26915		27025	
Frequency (MHz)				825.5		836.5		847.5	
				dbm	W	dbm	W	dbm	W
3	QPSK	1	0	17.58	0.057	17.58	0.057	17.60	0.058
3	QPSK	1	8	17.44	0.055	17.48	0.056	17.55	0.057
3	QPSK	1	14	17.12	0.052	17.17	0.052	17.22	0.053
3	QPSK	8	0	16.54	0.045	16.53	0.045	16.59	0.046
3	QPSK	8	4	16.46	0.044	16.41	0.044	16.51	0.045
3	QPSK	8	7	16.64	0.046	16.60	0.046	16.67	0.046
3	QPSK	15	0	16.91	0.049	16.94	0.049	17.02	0.050
3	16QAM	1	0	16.63	0.046	16.63	0.046	16.71	0.047
3	16QAM	1	8	16.40	0.044	16.50	0.045	16.52	0.045
3	16QAM	1	14	16.43	0.044	16.40	0.044	16.50	0.045
3	16QAM	8	0	15.57	0.036	15.49	0.035	15.58	0.036
3	16QAM	8	4	15.51	0.036	15.56	0.036	15.63	0.037
3	16QAM	8	7	15.62	0.036	15.57	0.036	15.69	0.037
3	16QAM	15	0	15.50	0.035	15.56	0.036	15.60	0.036
3	64QAM	1	0	15.64	0.037	15.69	0.037	15.74	0.037
3	64QAM	1	8	15.66	0.037	15.59	0.036	15.68	0.037
3	64QAM	1	14	15.56	0.036	15.52	0.036	15.63	0.037
3	64QAM	8	0	15.53	0.036	15.60	0.036	15.64	0.037
3	64QAM	8	4	15.43	0.035	15.39	0.035	15.50	0.035
3	64QAM	8	7	15.57	0.036	15.64	0.037	15.65	0.037
3	64QAM	15	0	15.52	0.036	15.51	0.036	15.54	0.036



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	17.50	0.056	17.50	0.056	17.59	0.057
1.4	QPSK	1	3	17.53	0.057	17.55	0.057	17.56	0.057
1.4	QPSK	1	5	17.40	0.055	17.47	0.056	17.52	0.056
1.4	QPSK	3	0	17.35	0.054	17.39	0.055	17.47	0.056
1.4	QPSK	3	1	17.44	0.055	17.45	0.056	17.46	0.056
1.4	QPSK	3	3	17.38	0.055	17.44	0.055	17.47	0.056
1.4	QPSK	6	0	16.50	0.045	16.59	0.046	16.61	0.046
1.4	16QAM	1	0	16.68	0.047	16.60	0.046	16.71	0.047
1.4	16QAM	1	3	16.49	0.045	16.46	0.044	16.55	0.045
1.4	16QAM	1	5	16.29	0.043	16.32	0.043	16.41	0.044
1.4	16QAM	3	0	16.50	0.045	16.53	0.045	16.56	0.045
1.4	16QAM	3	1	16.49	0.045	16.50	0.045	16.59	0.046
1.4	16QAM	3	3	16.59	0.046	16.64	0.046	16.69	0.047
1.4	16QAM	6	0	15.62	0.036	15.67	0.037	15.68	0.037
1.4	64QAM	1	0	15.65	0.037	15.58	0.036	15.66	0.037
1.4	64QAM	1	3	15.60	0.036	15.60	0.036	15.69	0.037
1.4	64QAM	1	5	15.32	0.034	15.30	0.034	15.40	0.035
1.4	64QAM	3	0	15.52	0.036	15.54	0.036	15.63	0.037
1.4	64QAM	3	1	15.48	0.035	15.47	0.035	15.56	0.036
1.4	64QAM	3	3	15.60	0.036	15.51	0.036	15.61	0.036
1.4	64QAM	6	0	15.55	0.036	15.52	0.036	15.59	0.036



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	21.69	0.148	21.73	0.149	21.71	0.148
20	QPSK	1	49	21.56	0.143	21.69	0.148	21.53	0.142
20	QPSK	1	99	21.68	0.147	21.65	0.146	21.47	0.140
20	QPSK	50	0	20.68	0.117	20.75	0.119	20.70	0.117
20	QPSK	50	24	20.71	0.118	20.72	0.118	20.58	0.114
20	QPSK	50	50	20.68	0.117	20.61	0.115	20.54	0.113
20	QPSK	100	0	20.71	0.118	20.74	0.119	20.61	0.115
20	16QAM	1	0	20.81	0.121	20.82	0.121	20.70	0.117
20	16QAM	1	49	20.71	0.118	20.74	0.119	20.78	0.120
20	16QAM	1	99	20.63	0.116	20.67	0.117	20.64	0.116
20	16QAM	50	0	19.82	0.096	19.89	0.097	19.70	0.093
20	16QAM	50	24	19.90	0.098	19.85	0.097	19.87	0.097
20	16QAM	50	50	19.72	0.094	19.77	0.095	19.70	0.093
20	16QAM	100	0	19.81	0.096	19.82	0.096	19.76	0.095
20	64QAM	1	0	19.86	0.097	19.93	0.098	19.84	0.096
20	64QAM	1	49	19.68	0.093	19.76	0.095	19.79	0.095
20	64QAM	1	99	19.75	0.094	19.77	0.095	19.78	0.095
20	64QAM	50	0	19.74	0.094	19.79	0.095	19.74	0.094
20	64QAM	50	24	19.78	0.095	19.74	0.094	19.70	0.093
20	64QAM	50	50	19.65	0.092	19.72	0.094	19.59	0.091
20	64QAM	100	0	19.57	0.091	19.75	0.094	19.61	0.091



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	21.44	0.139	21.69	0.148	21.60	0.145
15	QPSK	1	37	21.52	0.142	21.66	0.147	21.45	0.140
15	QPSK	1	74	21.59	0.144	21.55	0.143	21.44	0.139
15	QPSK	36	0	20.70	0.117	20.78	0.120	20.67	0.117
15	QPSK	36	20	20.79	0.120	20.75	0.119	20.63	0.116
15	QPSK	36	39	20.78	0.120	20.65	0.116	20.63	0.116
15	QPSK	75	0	20.65	0.116	20.57	0.114	20.59	0.115
15	16QAM	1	0	20.80	0.120	20.78	0.120	20.63	0.116
15	16QAM	1	37	20.64	0.116	20.67	0.117	20.70	0.117
15	16QAM	1	74	20.60	0.115	20.60	0.115	20.57	0.114
15	16QAM	36	0	19.81	0.096	19.87	0.097	19.63	0.092
15	16QAM	36	20	19.80	0.095	19.82	0.096	19.84	0.096
15	16QAM	36	39	19.68	0.093	19.75	0.094	19.68	0.093
15	16QAM	75	0	19.77	0.095	19.73	0.094	19.67	0.093
15	64QAM	1	0	19.80	0.095	19.83	0.096	19.75	0.094
15	64QAM	1	37	19.60	0.091	19.74	0.094	19.77	0.095
15	64QAM	1	74	19.74	0.094	19.70	0.093	19.74	0.094
15	64QAM	36	0	19.64	0.092	19.72	0.094	19.64	0.092
15	64QAM	36	20	19.74	0.094	19.64	0.092	19.62	0.092
15	64QAM	36	39	19.63	0.092	19.70	0.093	19.54	0.090
15	64QAM	75	0	19.51	0.089	19.74	0.094	19.60	0.091



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	21.51	0.142	21.68	0.147	21.56	0.143
10	QPSK	1	25	21.53	0.142	21.67	0.147	21.48	0.141
10	QPSK	1	49	21.64	0.146	21.57	0.144	21.49	0.141
10	QPSK	25	0	20.73	0.118	20.84	0.121	20.70	0.117
10	QPSK	25	12	20.80	0.120	20.80	0.120	20.62	0.115
10	QPSK	25	25	20.77	0.119	20.65	0.116	20.59	0.115
10	QPSK	50	0	20.75	0.119	20.75	0.119	20.70	0.117
10	16QAM	1	0	20.75	0.119	20.77	0.119	20.69	0.117
10	16QAM	1	25	20.68	0.117	20.68	0.117	20.74	0.119
10	16QAM	1	49	20.60	0.115	20.64	0.116	20.63	0.116
10	16QAM	25	0	19.76	0.095	19.85	0.097	19.65	0.092
10	16QAM	25	12	19.83	0.096	19.82	0.096	19.84	0.096
10	16QAM	25	25	19.62	0.092	19.73	0.094	19.61	0.091
10	16QAM	50	0	19.75	0.094	19.76	0.095	19.70	0.093
10	64QAM	1	0	19.83	0.096	19.92	0.098	19.80	0.095
10	64QAM	1	25	19.67	0.093	19.68	0.093	19.78	0.095
10	64QAM	1	49	19.73	0.094	19.73	0.094	19.76	0.095
10	64QAM	25	0	19.68	0.093	19.76	0.095	19.72	0.094
10	64QAM	25	12	19.77	0.095	19.72	0.094	19.66	0.092
10	64QAM	25	25	19.55	0.090	19.64	0.092	19.51	0.089
10	64QAM	50	0	19.56	0.090	19.72	0.094	19.60	0.091



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	21.43	0.139	21.68	0.147	21.61	0.145
5	QPSK	1	12	21.50	0.141	21.67	0.147	21.49	0.141
5	QPSK	1	24	21.59	0.144	21.60	0.145	21.44	0.139
5	QPSK	12	0	20.71	0.118	20.81	0.121	20.72	0.118
5	QPSK	12	7	20.69	0.117	20.64	0.116	20.56	0.114
5	QPSK	12	13	20.60	0.115	20.59	0.115	20.44	0.111
5	QPSK	25	0	20.70	0.117	20.64	0.116	20.57	0.114
5	16QAM	1	0	20.78	0.120	20.81	0.121	20.65	0.116
5	16QAM	1	12	20.70	0.117	20.72	0.118	20.73	0.118
5	16QAM	1	24	20.62	0.115	20.57	0.114	20.54	0.113
5	16QAM	12	0	19.77	0.095	19.81	0.096	19.66	0.092
5	16QAM	12	7	19.86	0.097	19.82	0.096	19.83	0.096
5	16QAM	12	13	19.69	0.093	19.72	0.094	19.67	0.093
5	16QAM	25	0	19.72	0.094	19.75	0.094	19.71	0.094
5	64QAM	1	0	19.83	0.096	19.91	0.098	19.80	0.095
5	64QAM	1	12	19.64	0.092	19.70	0.093	19.74	0.094
5	64QAM	1	24	19.71	0.094	19.73	0.094	19.77	0.095
5	64QAM	12	0	19.65	0.092	19.74	0.094	19.73	0.094
5	64QAM	12	7	19.77	0.095	19.70	0.093	19.69	0.093
5	64QAM	12	13	19.58	0.091	19.65	0.092	19.53	0.090
5	64QAM	25	0	19.49	0.089	19.65	0.092	19.53	0.090



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	/	/	21.85	0.153	/	/
10	QPSK	1	25	/	/	21.74	0.149	/	/
10	QPSK	1	49	/	/	21.70	0.148	/	/
10	QPSK	25	0	/	/	20.99	0.126	/	/
10	QPSK	25	12	/	/	20.96	0.125	/	/
10	QPSK	25	25	/	/	20.92	0.124	/	/
10	QPSK	50	0	/	/	20.98	0.125	/	/
10	16QAM	1	0	/	/	20.95	0.124	/	/
10	16QAM	1	25	/	/	21.09	0.129	/	/
10	16QAM	1	49	/	/	20.89	0.123	/	/
10	16QAM	25	0	/	/	19.94	0.099	/	/
10	16QAM	25	12	/	/	19.98	0.100	/	/
10	16QAM	25	25	/	/	19.98	0.100	/	/
10	16QAM	50	0	/	/	20.05	0.101	/	/
10	64QAM	1	0	/	/	20.04	0.101	/	/
10	64QAM	1	25	/	/	19.98	0.100	/	/
10	64QAM	1	49	/	/	20.08	0.102	/	/
10	64QAM	25	0	/	/	19.77	0.095	/	/
10	64QAM	25	12	/	/	19.82	0.096	/	/
10	64QAM	25	25	/	/	19.88	0.097	/	/
10	64QAM	50	0	/	/	19.72	0.094	/	/



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	21.63	0.146	21.66	0.147	21.57	0.144
5	QPSK	1	12	21.42	0.139	21.78	0.151	21.66	0.147
5	QPSK	1	24	21.79	0.151	21.71	0.148	21.79	0.151
5	QPSK	12	0	20.76	0.119	20.85	0.122	20.84	0.121
5	QPSK	12	7	20.75	0.119	20.94	0.124	20.91	0.123
5	QPSK	12	13	20.87	0.122	20.88	0.122	20.85	0.122
5	QPSK	25	0	20.79	0.120	20.85	0.122	20.81	0.121
5	16QAM	1	0	20.88	0.122	20.96	0.125	20.90	0.123
5	16QAM	1	12	21.01	0.126	21.04	0.127	20.90	0.123
5	16QAM	1	24	20.96	0.125	21.08	0.128	21.08	0.128
5	16QAM	12	0	19.75	0.094	19.80	0.095	19.83	0.096
5	16QAM	12	7	19.84	0.096	19.77	0.095	19.90	0.098
5	16QAM	12	13	19.89	0.097	19.98	0.100	19.95	0.099
5	16QAM	25	0	19.76	0.095	19.78	0.095	19.87	0.097
5	64QAM	1	0	19.82	0.096	19.58	0.091	19.64	0.092
5	64QAM	1	12	19.81	0.096	19.62	0.092	20.04	0.101
5	64QAM	1	24	19.70	0.093	19.74	0.094	19.89	0.097
5	64QAM	12	0	19.55	0.090	19.72	0.094	19.60	0.091
5	64QAM	12	7	19.75	0.094	19.77	0.095	19.67	0.093
5	64QAM	12	13	19.63	0.092	19.68	0.093	19.77	0.095
5	64QAM	25	0	19.62	0.092	19.69	0.093	19.68	0.093



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	/	/	21.80	0.151	/	/
10	QPSK	1	25	/	/	21.66	0.147	/	/
10	QPSK	1	49	/	/	21.63	0.146	/	/
10	QPSK	25	0	/	/	20.92	0.124	/	/
10	QPSK	25	12	/	/	20.87	0.122	/	/
10	QPSK	25	25	/	/	20.79	0.120	/	/
10	QPSK	50	0	/	/	20.82	0.121	/	/
10	16QAM	1	0	/	/	20.95	0.124	/	/
10	16QAM	1	25	/	/	20.57	0.114	/	/
10	16QAM	1	49	/	/	20.81	0.121	/	/
10	16QAM	25	0	/	/	19.97	0.099	/	/
10	16QAM	25	12	/	/	20.41	0.110	/	/
10	16QAM	25	25	/	/	20.27	0.106	/	/
10	16QAM	50	0	/	/	20.36	0.109	/	/
10	64QAM	1	0	/	/	19.87	0.097	/	/
10	64QAM	1	25	/	/	19.73	0.094	/	/
10	64QAM	1	49	/	/	19.64	0.092	/	/
10	64QAM	25	0	/	/	19.86	0.097	/	/
10	64QAM	25	12	/	/	19.90	0.098	/	/
10	64QAM	25	25	/	/	19.78	0.095	/	/
10	64QAM	50	0	/	/	19.84	0.096	/	/



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	21.59	0.144	21.63	0.146	21.73	0.149
5	QPSK	1	12	21.63	0.146	21.72	0.149	21.64	0.146
5	QPSK	1	24	21.50	0.141	21.72	0.149	21.75	0.150
5	QPSK	12	0	20.73	0.118	20.80	0.120	20.83	0.121
5	QPSK	12	7	20.77	0.119	20.90	0.123	20.86	0.122
5	QPSK	12	13	20.82	0.121	20.81	0.121	20.90	0.123
5	QPSK	25	0	20.77	0.119	20.79	0.120	20.80	0.120
5	16QAM	1	0	20.71	0.118	20.93	0.124	20.65	0.116
5	16QAM	1	12	20.79	0.120	20.79	0.120	20.63	0.116
5	16QAM	1	24	20.65	0.116	20.95	0.124	20.74	0.119
5	16QAM	12	0	19.92	0.098	19.94	0.099	20.13	0.103
5	16QAM	12	7	19.87	0.097	19.94	0.099	20.00	0.100
5	16QAM	12	13	19.83	0.096	19.92	0.098	19.98	0.100
5	16QAM	25	0	19.94	0.099	19.95	0.099	20.04	0.101
5	64QAM	1	0	19.63	0.092	19.94	0.099	19.99	0.100
5	64QAM	1	12	20.05	0.101	19.81	0.096	19.87	0.097
5	64QAM	1	24	20.09	0.102	19.80	0.095	19.84	0.096
5	64QAM	12	0	19.74	0.094	19.81	0.096	19.85	0.097
5	64QAM	12	7	19.80	0.095	19.82	0.096	19.84	0.096
5	64QAM	12	13	19.83	0.096	19.79	0.095	19.81	0.096
5	64QAM	25	0	19.76	0.095	19.87	0.097	19.80	0.095



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	21.66	0.147	21.72	0.149	21.55	0.143
20	QPSK	1	49	21.57	0.144	21.47	0.140	21.45	0.140
20	QPSK	1	99	21.66	0.147	21.62	0.145	21.44	0.139
20	QPSK	50	0	20.89	0.123	20.90	0.123	20.73	0.118
20	QPSK	50	24	20.85	0.122	20.76	0.119	20.58	0.114
20	QPSK	50	50	20.87	0.122	20.72	0.118	20.45	0.111
20	QPSK	100	0	20.86	0.122	20.88	0.122	20.75	0.119
20	16QAM	1	0	20.94	0.124	20.90	0.123	20.85	0.122
20	16QAM	1	49	20.87	0.122	20.84	0.121	20.80	0.120
20	16QAM	1	99	20.80	0.120	20.89	0.123	20.77	0.119
20	16QAM	50	0	19.95	0.099	19.77	0.095	19.62	0.092
20	16QAM	50	24	19.89	0.097	19.80	0.095	19.65	0.092
20	16QAM	50	50	19.86	0.097	19.65	0.092	19.61	0.091
20	16QAM	100	0	19.77	0.095	19.80	0.095	19.75	0.094
20	64QAM	1	0	19.85	0.097	19.83	0.096	19.77	0.095
20	64QAM	1	49	19.84	0.096	19.74	0.094	19.67	0.093
20	64QAM	1	99	19.78	0.095	19.78	0.095	19.72	0.094
20	64QAM	50	0	19.90	0.098	19.71	0.094	19.48	0.089
20	64QAM	50	24	19.80	0.095	19.74	0.094	19.66	0.092
20	64QAM	50	50	19.67	0.093	19.69	0.093	19.60	0.091
20	64QAM	100	0	19.86	0.097	19.85	0.097	19.75	0.094



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	21.61	0.145	21.71	0.148	21.46	0.140
15	QPSK	1	37	21.56	0.143	21.45	0.140	21.46	0.140
15	QPSK	1	74	21.57	0.144	21.52	0.142	21.43	0.139
15	QPSK	36	0	20.78	0.120	20.86	0.122	20.62	0.115
15	QPSK	36	20	20.74	0.119	20.72	0.118	20.52	0.113
15	QPSK	36	39	20.86	0.122	20.69	0.117	20.43	0.110
15	QPSK	75	0	20.77	0.119	20.69	0.117	20.48	0.112
15	16QAM	1	0	20.90	0.123	20.79	0.120	20.79	0.120
15	16QAM	1	37	20.78	0.120	20.82	0.121	20.70	0.117
15	16QAM	1	74	20.76	0.119	20.79	0.120	20.65	0.116
15	16QAM	36	0	19.88	0.097	19.69	0.093	19.57	0.091
15	16QAM	36	20	19.88	0.097	19.74	0.094	19.62	0.092
15	16QAM	36	39	19.75	0.094	19.56	0.090	19.60	0.091
15	16QAM	75	0	19.73	0.094	19.79	0.095	19.72	0.094
15	64QAM	1	0	19.74	0.094	19.77	0.095	19.67	0.093
15	64QAM	1	37	19.81	0.096	19.70	0.093	19.58	0.091
15	64QAM	1	74	19.75	0.094	19.67	0.093	19.68	0.093
15	64QAM	36	0	19.78	0.095	19.61	0.091	19.43	0.088
15	64QAM	36	20	19.69	0.093	19.64	0.092	19.62	0.092
15	64QAM	36	39	19.62	0.092	19.61	0.091	19.56	0.090
15	64QAM	75	0	19.79	0.095	19.73	0.094	19.73	0.094



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	21.57	0.144	21.67	0.147	21.46	0.140
10	QPSK	1	25	21.49	0.141	21.43	0.139	21.45	0.140
10	QPSK	1	49	21.62	0.145	21.52	0.142	21.47	0.140
10	QPSK	25	0	20.85	0.122	20.82	0.121	20.56	0.114
10	QPSK	25	12	20.84	0.121	20.75	0.119	20.48	0.112
10	QPSK	25	25	20.86	0.122	20.70	0.117	20.43	0.110
10	QPSK	50	0	20.82	0.121	20.76	0.119	20.50	0.112
10	16QAM	1	0	20.90	0.123	20.81	0.121	20.78	0.120
10	16QAM	1	25	20.81	0.121	20.74	0.119	20.71	0.118
10	16QAM	1	49	20.77	0.119	20.88	0.122	20.71	0.118
10	16QAM	25	0	19.84	0.096	19.69	0.093	19.53	0.090
10	16QAM	25	12	19.86	0.097	19.75	0.094	19.54	0.090
10	16QAM	25	25	19.79	0.095	19.58	0.091	19.51	0.089
10	16QAM	50	0	19.67	0.093	19.76	0.095	19.73	0.094
10	64QAM	1	0	19.80	0.095	19.73	0.094	19.71	0.094
10	64QAM	1	25	19.81	0.096	19.66	0.092	19.58	0.091
10	64QAM	1	49	19.66	0.092	19.70	0.093	19.62	0.092
10	64QAM	25	0	19.79	0.095	19.61	0.091	19.47	0.089
10	64QAM	25	12	19.76	0.095	19.64	0.092	19.64	0.092
10	64QAM	25	25	19.66	0.092	19.66	0.092	19.53	0.090
10	64QAM	50	0	19.85	0.097	19.81	0.096	19.71	0.094



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	21.55	0.143	21.69	0.148	21.54	0.143
5	QPSK	1	12	21.55	0.143	21.47	0.140	21.50	0.141
5	QPSK	1	24	21.61	0.145	21.50	0.141	21.49	0.141
5	QPSK	12	0	20.85	0.122	20.83	0.121	20.57	0.114
5	QPSK	12	7	20.77	0.119	20.68	0.117	20.54	0.113
5	QPSK	12	13	20.75	0.119	20.65	0.116	20.44	0.111
5	QPSK	25	0	20.75	0.119	20.70	0.117	20.44	0.111
5	16QAM	1	0	20.84	0.121	20.84	0.121	20.83	0.121
5	16QAM	1	12	20.77	0.119	20.73	0.118	20.73	0.118
5	16QAM	1	24	20.69	0.117	20.77	0.119	20.67	0.117
5	16QAM	12	0	19.84	0.096	19.73	0.094	19.51	0.089
5	16QAM	12	7	19.78	0.095	19.73	0.094	19.56	0.090
5	16QAM	12	13	19.78	0.095	19.58	0.091	19.53	0.090
5	16QAM	25	0	19.72	0.094	19.75	0.094	19.69	0.093
5	64QAM	1	0	19.79	0.095	19.75	0.094	19.68	0.093
5	64QAM	1	12	19.73	0.094	19.67	0.093	19.63	0.092
5	64QAM	1	24	19.68	0.093	19.76	0.095	19.70	0.093
5	64QAM	12	0	19.83	0.096	19.68	0.093	19.46	0.088
5	64QAM	12	7	19.68	0.093	19.62	0.092	19.56	0.090
5	64QAM	12	13	19.58	0.091	19.58	0.091	19.51	0.089
5	64QAM	25	0	19.78	0.095	19.80	0.095	19.72	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				132072		132322		132572	
Frequency (MHz)				1720		1745		1770	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	21.59	0.144	21.71	0.148	21.62	0.145
20	QPSK	1	49	21.40	0.138	21.52	0.142	21.37	0.137
20	QPSK	1	99	21.48	0.141	21.48	0.141	21.45	0.140
20	QPSK	50	0	20.60	0.115	20.65	0.116	20.63	0.116
20	QPSK	50	24	20.53	0.113	20.61	0.115	20.60	0.115
20	QPSK	50	50	20.64	0.116	20.59	0.115	20.61	0.115
20	QPSK	100	0	20.60	0.115	20.65	0.116	20.62	0.115
20	16QAM	1	0	20.90	0.123	20.85	0.122	20.87	0.122
20	16QAM	1	49	20.77	0.119	20.86	0.122	20.63	0.116
20	16QAM	1	99	20.71	0.118	20.78	0.120	20.86	0.122
20	16QAM	50	0	19.71	0.094	19.64	0.092	19.63	0.092
20	16QAM	50	24	19.83	0.096	19.78	0.095	19.66	0.092
20	16QAM	50	50	19.76	0.095	19.75	0.094	19.72	0.094
20	16QAM	100	0	19.77	0.095	19.74	0.094	19.64	0.092
20	64QAM	1	0	20.00	0.100	19.97	0.099	19.98	0.100
20	64QAM	1	49	19.88	0.097	19.98	0.100	19.72	0.094
20	64QAM	1	99	19.79	0.095	19.92	0.098	19.93	0.098
20	64QAM	50	0	19.68	0.093	19.63	0.092	19.63	0.092
20	64QAM	50	24	19.75	0.094	19.73	0.094	19.65	0.092
20	64QAM	50	50	19.68	0.093	19.69	0.093	19.69	0.093
20	64QAM	100	0	19.79	0.095	19.68	0.093	19.57	0.091



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	21.30	0.135	21.50	0.141	21.46	0.140
15	QPSK	1	37	21.38	0.137	21.45	0.140	21.27	0.134
15	QPSK	1	74	21.42	0.139	21.47	0.140	21.41	0.138
15	QPSK	36	0	20.38	0.109	20.42	0.110	20.41	0.110
15	QPSK	36	20	20.44	0.111	20.57	0.114	20.59	0.115
15	QPSK	36	39	20.55	0.114	20.55	0.114	20.56	0.114
15	QPSK	75	0	20.40	0.110	20.44	0.111	20.56	0.114
15	16QAM	1	0	20.88	0.122	20.78	0.120	20.85	0.122
15	16QAM	1	37	20.72	0.118	20.82	0.121	20.59	0.115
15	16QAM	1	74	20.66	0.116	20.69	0.117	20.79	0.120
15	16QAM	36	0	19.69	0.093	19.59	0.091	19.61	0.091
15	16QAM	36	20	19.72	0.094	19.76	0.095	19.65	0.092
15	16QAM	36	39	19.70	0.093	19.66	0.092	19.64	0.092
15	16QAM	75	0	19.70	0.093	19.66	0.092	19.54	0.090
15	64QAM	1	0	19.95	0.099	19.93	0.098	19.91	0.098
15	64QAM	1	37	19.79	0.095	19.88	0.097	19.68	0.093
15	64QAM	1	74	19.68	0.093	19.87	0.097	19.91	0.098
15	64QAM	36	0	19.56	0.090	19.62	0.092	19.55	0.090
15	64QAM	36	20	19.65	0.092	19.63	0.092	19.64	0.092
15	64QAM	36	39	19.59	0.091	19.67	0.093	19.59	0.091
15	64QAM	75	0	19.77	0.095	19.66	0.092	19.50	0.089



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	21.40	0.138	21.50	0.141	21.48	0.141
10	QPSK	1	25	21.28	0.134	21.49	0.141	21.29	0.135
10	QPSK	1	49	21.38	0.137	21.42	0.139	21.36	0.137
10	QPSK	25	0	20.38	0.109	20.46	0.111	20.47	0.111
10	QPSK	25	12	20.46	0.111	20.54	0.113	20.52	0.113
10	QPSK	25	25	20.55	0.114	20.54	0.113	20.55	0.114
10	QPSK	50	0	20.46	0.111	20.35	0.108	20.61	0.115
10	16QAM	1	0	20.89	0.123	20.79	0.120	20.83	0.121
10	16QAM	1	25	20.70	0.117	20.82	0.121	20.55	0.114
10	16QAM	1	49	20.67	0.117	20.73	0.118	20.78	0.120
10	16QAM	25	0	19.59	0.091	19.61	0.091	19.55	0.090
10	16QAM	25	12	19.80	0.095	19.72	0.094	19.61	0.091
10	16QAM	25	25	19.65	0.092	19.72	0.094	19.65	0.092
10	16QAM	50	0	19.72	0.094	19.65	0.092	19.60	0.091
10	64QAM	1	0	19.88	0.097	19.95	0.099	19.88	0.097
10	64QAM	1	25	19.86	0.097	19.92	0.098	19.66	0.092
10	64QAM	1	49	19.68	0.093	19.89	0.097	19.87	0.097
10	64QAM	25	0	19.66	0.092	19.62	0.092	19.54	0.090
10	64QAM	25	12	19.71	0.094	19.70	0.093	19.55	0.090
10	64QAM	25	25	19.57	0.091	19.67	0.093	19.60	0.091
10	64QAM	50	0	19.71	0.094	19.58	0.091	19.56	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				131997		132322		132647	
Frequency (MHz)				1712.5		1745		1777.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	21.36	0.137	21.53	0.142	21.47	0.140
5	QPSK	1	12	21.37	0.137	21.44	0.139	21.31	0.135
5	QPSK	1	24	21.43	0.139	21.40	0.138	21.40	0.138
5	QPSK	12	0	20.46	0.111	20.49	0.112	20.47	0.111
5	QPSK	12	7	20.47	0.111	20.57	0.114	20.51	0.112
5	QPSK	12	13	20.58	0.114	20.55	0.114	20.54	0.113
5	QPSK	25	0	20.42	0.110	20.41	0.110	20.61	0.115
5	16QAM	1	0	20.84	0.121	20.81	0.121	20.84	0.121
5	16QAM	1	12	20.65	0.116	20.82	0.121	20.57	0.114
5	16QAM	1	24	20.64	0.116	20.75	0.119	20.76	0.119
5	16QAM	12	0	19.66	0.092	19.54	0.090	19.57	0.091
5	16QAM	12	7	19.77	0.095	19.71	0.094	19.56	0.090
5	16QAM	12	13	19.64	0.092	19.73	0.094	19.68	0.093
5	16QAM	25	0	19.76	0.095	19.71	0.094	19.59	0.091
5	64QAM	1	0	19.90	0.098	19.89	0.097	19.95	0.099
5	64QAM	1	12	19.76	0.095	19.95	0.099	19.69	0.093
5	64QAM	1	24	19.70	0.093	19.84	0.096	19.91	0.098
5	64QAM	12	0	19.65	0.092	19.54	0.090	19.57	0.091
5	64QAM	12	7	19.73	0.094	19.70	0.093	19.57	0.091
5	64QAM	12	13	19.66	0.092	19.68	0.093	19.65	0.092
5	64QAM	25	0	19.67	0.093	19.67	0.093	19.52	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				131987		132322		132657	
Frequency (MHz)				1711.5		1745		1778.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	21.36	0.137	21.46	0.140	21.43	0.139
3	QPSK	1	8	21.28	0.134	21.46	0.140	21.33	0.136
3	QPSK	1	14	21.38	0.137	21.39	0.138	21.44	0.139
3	QPSK	8	0	20.45	0.111	20.43	0.110	20.46	0.111
3	QPSK	8	4	20.49	0.112	20.52	0.113	20.52	0.113
3	QPSK	8	7	20.55	0.114	20.55	0.114	20.52	0.113
3	QPSK	15	0	20.44	0.111	20.35	0.108	20.52	0.113
3	16QAM	1	0	20.85	0.122	20.82	0.121	20.77	0.119
3	16QAM	1	8	20.73	0.118	20.78	0.120	20.61	0.115
3	16QAM	1	14	20.59	0.115	20.75	0.119	20.85	0.122
3	16QAM	8	0	19.61	0.091	19.61	0.091	19.56	0.090
3	16QAM	8	4	19.74	0.094	19.71	0.094	19.64	0.092
3	16QAM	8	7	19.68	0.093	19.67	0.093	19.71	0.094
3	16QAM	15	0	19.67	0.093	19.65	0.092	19.59	0.091
3	64QAM	1	0	19.99	0.100	19.90	0.098	19.97	0.099
3	64QAM	1	8	19.86	0.097	19.93	0.098	19.70	0.093
3	64QAM	1	14	19.74	0.094	19.86	0.097	19.83	0.096
3	64QAM	8	0	19.59	0.091	19.61	0.091	19.53	0.090
3	64QAM	8	4	19.74	0.094	19.63	0.092	19.64	0.092
3	64QAM	8	7	19.64	0.092	19.59	0.091	19.63	0.092
3	64QAM	15	0	19.75	0.094	19.62	0.092	19.51	0.089



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	21.35	0.136	21.51	0.142	21.47	0.140
1.4	QPSK	1	3	21.38	0.137	21.46	0.140	21.35	0.136
1.4	QPSK	1	5	21.39	0.138	21.47	0.140	21.35	0.136
1.4	QPSK	3	0	21.49	0.141	21.47	0.140	21.61	0.145
1.4	QPSK	3	1	21.52	0.142	21.54	0.143	21.50	0.141
1.4	QPSK	3	3	21.57	0.144	21.54	0.143	21.51	0.142
1.4	QPSK	6	0	20.48	0.112	20.35	0.108	20.59	0.115
1.4	16QAM	1	0	20.82	0.121	20.78	0.120	20.77	0.119
1.4	16QAM	1	3	20.69	0.117	20.81	0.121	20.54	0.113
1.4	16QAM	1	5	20.69	0.117	20.76	0.119	20.80	0.120
1.4	16QAM	3	0	20.46	0.111	20.68	0.117	20.47	0.111
1.4	16QAM	3	1	20.66	0.116	20.63	0.116	20.49	0.112
1.4	16QAM	3	3	20.53	0.113	20.56	0.114	20.55	0.114
1.4	16QAM	6	0	19.70	0.093	19.66	0.092	19.67	0.093
1.4	64QAM	1	0	19.96	0.099	19.89	0.097	19.88	0.097
1.4	64QAM	1	3	19.80	0.095	19.96	0.099	19.69	0.093
1.4	64QAM	1	5	19.77	0.095	19.84	0.096	19.87	0.097
1.4	64QAM	3	0	19.70	0.093	19.65	0.092	19.61	0.091
1.4	64QAM	3	1	19.64	0.092	19.69	0.093	19.63	0.092
1.4	64QAM	3	3	19.64	0.092	19.65	0.092	19.68	0.093
1.4	64QAM	6	0	19.76	0.095	19.63	0.092	19.55	0.090



Bottom Antenna

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	21.02	0.126	21.04	0.127	20.97	0.125
20	QPSK	1	49	21.01	0.126	21.03	0.127	20.96	0.125
20	QPSK	1	99	20.93	0.124	21.00	0.126	20.97	0.125
20	QPSK	50	0	20.07	0.102	20.19	0.104	20.08	0.102
20	QPSK	50	24	20.11	0.103	20.05	0.101	20.03	0.101
20	QPSK	50	50	20.08	0.102	20.11	0.103	20.04	0.101
20	QPSK	100	0	20.11	0.103	20.12	0.103	20.01	0.100
20	16QAM	1	0	20.38	0.109	20.29	0.107	20.12	0.103
20	16QAM	1	49	20.26	0.106	20.35	0.108	20.30	0.107
20	16QAM	1	99	20.36	0.109	20.13	0.103	20.40	0.110
20	16QAM	50	0	19.19	0.083	19.14	0.082	19.18	0.083
20	16QAM	50	24	19.28	0.085	19.13	0.082	19.12	0.082
20	16QAM	50	50	19.15	0.082	19.18	0.083	19.20	0.083
20	16QAM	100	0	19.13	0.082	19.15	0.082	19.11	0.081
20	64QAM	1	0	19.23	0.084	19.37	0.086	19.32	0.086
20	64QAM	1	49	19.26	0.084	19.30	0.085	19.20	0.083
20	64QAM	1	99	19.36	0.086	19.24	0.084	19.06	0.081
20	64QAM	50	0	19.21	0.083	19.10	0.081	19.10	0.081
20	64QAM	50	24	19.04	0.080	19.05	0.080	19.12	0.082
20	64QAM	50	50	19.17	0.083	19.10	0.081	19.15	0.082
20	64QAM	100	0	19.09	0.081	19.12	0.082	19.11	0.081



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	20.94	0.124	20.99	0.126	20.90	0.123
15	QPSK	1	37	20.98	0.125	20.99	0.126	20.93	0.124
15	QPSK	1	74	20.84	0.121	20.99	0.126	20.96	0.125
15	QPSK	36	0	20.03	0.101	20.09	0.102	19.98	0.100
15	QPSK	36	20	20.17	0.104	19.98	0.100	19.99	0.100
15	QPSK	36	39	20.07	0.102	20.04	0.101	19.95	0.099
15	QPSK	75	0	20.06	0.101	20.04	0.101	19.91	0.098
15	16QAM	1	0	20.34	0.108	20.23	0.105	20.06	0.101
15	16QAM	1	37	20.33	0.108	20.45	0.111	20.25	0.106
15	16QAM	1	74	20.38	0.109	20.53	0.113	20.39	0.109
15	16QAM	36	0	19.18	0.083	19.05	0.080	19.12	0.082
15	16QAM	36	20	19.24	0.084	19.04	0.080	19.04	0.080
15	16QAM	36	39	19.11	0.081	19.16	0.082	19.18	0.083
15	16QAM	75	0	19.03	0.080	19.11	0.081	19.10	0.081
15	64QAM	1	0	19.20	0.083	19.36	0.086	19.27	0.085
15	64QAM	1	37	19.20	0.083	19.20	0.083	19.15	0.082
15	64QAM	1	74	19.34	0.086	19.19	0.083	19.00	0.079
15	64QAM	36	0	19.18	0.083	19.00	0.079	19.03	0.080
15	64QAM	36	20	18.95	0.079	19.02	0.080	19.05	0.080
15	64QAM	36	39	19.13	0.082	19.08	0.081	19.07	0.081
15	64QAM	75	0	19.03	0.080	19.09	0.081	19.10	0.081



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	21.01	0.126	21.02	0.126	20.95	0.124
10	QPSK	1	25	20.94	0.124	20.98	0.125	20.90	0.123
10	QPSK	1	49	20.85	0.122	20.99	0.126	20.89	0.123
10	QPSK	25	0	20.01	0.100	20.18	0.104	20.03	0.101
10	QPSK	25	12	20.09	0.102	19.96	0.099	20.02	0.100
10	QPSK	25	25	19.99	0.100	20.09	0.102	19.97	0.099
10	QPSK	50	0	20.02	0.100	20.08	0.102	19.95	0.099
10	16QAM	1	0	20.32	0.108	20.24	0.106	20.05	0.101
10	16QAM	1	25	20.32	0.108	20.49	0.112	20.29	0.107
10	16QAM	1	49	20.34	0.108	20.54	0.113	20.35	0.108
10	16QAM	25	0	19.11	0.081	19.10	0.081	19.13	0.082
10	16QAM	25	12	19.20	0.083	19.06	0.081	19.08	0.081
10	16QAM	25	25	19.14	0.082	19.09	0.081	19.16	0.082
10	16QAM	50	0	19.12	0.082	19.09	0.081	19.02	0.080
10	64QAM	1	0	19.13	0.082	19.28	0.085	19.30	0.085
10	64QAM	1	25	19.24	0.084	19.29	0.085	19.18	0.083
10	64QAM	1	49	19.31	0.085	19.17	0.083	18.96	0.079
10	64QAM	25	0	19.20	0.083	19.00	0.079	19.01	0.080
10	64QAM	25	12	18.96	0.079	19.02	0.080	19.06	0.081
10	64QAM	25	25	19.13	0.082	19.08	0.081	19.09	0.081
10	64QAM	50	0	19.02	0.080	19.03	0.080	19.09	0.081



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	21.00	0.126	21.00	0.126	20.91	0.123
5	QPSK	1	12	20.91	0.123	20.93	0.124	20.95	0.124
5	QPSK	1	24	20.92	0.124	20.98	0.125	20.88	0.122
5	QPSK	12	0	19.98	0.100	20.14	0.103	20.02	0.100
5	QPSK	12	7	20.12	0.103	20.00	0.100	19.94	0.099
5	QPSK	12	13	20.05	0.101	20.05	0.101	19.94	0.099
5	QPSK	25	0	20.09	0.102	20.08	0.102	19.93	0.098
5	16QAM	1	0	20.28	0.107	20.27	0.106	20.08	0.102
5	16QAM	1	12	20.31	0.107	20.47	0.111	20.28	0.107
5	16QAM	1	24	20.36	0.109	20.47	0.111	20.32	0.108
5	16QAM	12	0	19.17	0.083	19.07	0.081	19.14	0.082
5	16QAM	12	7	19.18	0.083	19.08	0.081	19.04	0.080
5	16QAM	12	13	19.10	0.081	19.10	0.081	19.16	0.082
5	16QAM	25	0	19.04	0.080	19.06	0.081	19.02	0.080
5	64QAM	1	0	19.14	0.082	19.34	0.086	19.26	0.084
5	64QAM	1	12	19.17	0.083	19.25	0.084	19.15	0.082
5	64QAM	1	24	19.33	0.086	19.21	0.083	19.02	0.080
5	64QAM	12	0	19.19	0.083	19.09	0.081	19.07	0.081
5	64QAM	12	7	19.01	0.080	18.98	0.079	19.06	0.081
5	64QAM	12	13	19.13	0.082	19.01	0.080	19.14	0.082
5	64QAM	25	0	19.08	0.081	19.09	0.081	19.02	0.080



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	20.91	0.123	21.01	0.126	20.87	0.122
3	QPSK	1	8	20.95	0.124	21.00	0.126	20.91	0.123
3	QPSK	1	14	20.87	0.122	20.90	0.123	20.88	0.122
3	QPSK	8	0	20.00	0.100	20.12	0.103	20.04	0.101
3	QPSK	8	4	20.08	0.102	20.02	0.100	20.01	0.100
3	QPSK	8	7	20.04	0.101	20.03	0.101	20.01	0.100
3	QPSK	15	0	20.01	0.100	20.03	0.101	19.95	0.099
3	16QAM	1	0	20.28	0.107	20.28	0.107	20.05	0.101
3	16QAM	1	8	20.32	0.108	20.46	0.111	20.28	0.107
3	16QAM	1	14	20.38	0.109	20.49	0.112	20.37	0.109
3	16QAM	8	0	19.12	0.082	19.05	0.080	19.11	0.081
3	16QAM	8	4	19.25	0.084	19.05	0.080	19.06	0.081
3	16QAM	8	7	19.05	0.080	19.11	0.081	19.17	0.083
3	16QAM	15	0	19.04	0.080	19.07	0.081	19.08	0.081
3	64QAM	1	0	19.22	0.084	19.30	0.085	19.30	0.085
3	64QAM	1	8	19.22	0.084	19.24	0.084	19.11	0.081
3	64QAM	1	14	19.34	0.086	19.19	0.083	18.96	0.079
3	64QAM	8	0	19.15	0.082	19.00	0.079	19.00	0.079
3	64QAM	8	4	18.99	0.079	18.98	0.079	19.02	0.080
3	64QAM	8	7	19.08	0.081	19.02	0.080	19.11	0.081
3	64QAM	15	0	19.02	0.080	19.04	0.080	19.08	0.081



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	20.91	0.123	20.99	0.126	20.88	0.122
1.4	QPSK	1	3	20.91	0.123	20.94	0.124	20.87	0.122
1.4	QPSK	1	5	20.87	0.122	20.98	0.125	20.92	0.124
1.4	QPSK	3	0	21.01	0.126	20.96	0.125	21.01	0.126
1.4	QPSK	3	1	21.00	0.126	21.00	0.126	20.98	0.125
1.4	QPSK	3	3	20.98	0.125	21.02	0.126	21.02	0.126
1.4	QPSK	6	0	20.02	0.100	20.02	0.100	19.91	0.098
1.4	16QAM	1	0	20.29	0.107	20.26	0.106	20.03	0.101
1.4	16QAM	1	3	20.38	0.109	20.46	0.111	20.29	0.107
1.4	16QAM	1	5	20.33	0.108	20.49	0.112	20.39	0.109
1.4	16QAM	3	0	20.11	0.103	20.11	0.103	20.14	0.103
1.4	16QAM	3	1	20.26	0.106	20.05	0.101	20.02	0.100
1.4	16QAM	3	3	20.08	0.102	20.15	0.104	20.10	0.102
1.4	16QAM	6	0	19.06	0.081	19.05	0.080	19.02	0.080
1.4	64QAM	1	0	19.13	0.082	19.28	0.085	19.31	0.085
1.4	64QAM	1	3	19.23	0.084	19.25	0.084	19.17	0.083
1.4	64QAM	1	5	19.29	0.085	19.23	0.084	19.01	0.080
1.4	64QAM	3	0	19.13	0.082	19.06	0.081	19.09	0.081
1.4	64QAM	3	1	19.00	0.079	19.04	0.080	19.10	0.081
1.4	64QAM	3	3	19.10	0.081	19.03	0.080	19.10	0.081
1.4	64QAM	6	0	19.00	0.079	19.02	0.080	19.03	0.080



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	20.12	0.103	20.16	0.104	20.15	0.103
20	QPSK	1	49	20.06	0.101	20.07	0.102	20.08	0.102
20	QPSK	1	99	19.98	0.099	20.00	0.100	20.03	0.101
20	QPSK	50	0	19.17	0.083	19.23	0.084	19.10	0.081
20	QPSK	50	24	19.15	0.082	19.18	0.083	19.19	0.083
20	QPSK	50	50	19.12	0.082	19.15	0.082	19.21	0.083
20	QPSK	100	0	19.09	0.081	19.18	0.083	19.13	0.082
20	16QAM	1	0	18.82	0.076	19.07	0.081	19.13	0.082
20	16QAM	1	49	19.07	0.081	19.13	0.082	19.28	0.085
20	16QAM	1	99	19.14	0.082	19.13	0.082	19.24	0.084
20	16QAM	50	0	18.20	0.066	18.16	0.065	18.21	0.066
20	16QAM	50	24	18.23	0.066	18.12	0.065	18.16	0.065
20	16QAM	50	50	18.28	0.067	18.14	0.065	18.15	0.065
20	16QAM	100	0	18.20	0.066	18.19	0.066	18.17	0.066
20	64QAM	1	0	18.32	0.068	18.26	0.067	18.30	0.068
20	64QAM	1	49	18.12	0.065	18.14	0.065	18.30	0.068
20	64QAM	1	99	18.22	0.066	18.23	0.066	18.34	0.068
20	64QAM	50	0	18.14	0.065	18.11	0.065	18.12	0.065
20	64QAM	50	24	18.13	0.065	18.15	0.065	18.28	0.067
20	64QAM	50	50	18.17	0.066	18.14	0.065	18.32	0.068
20	64QAM	100	0	18.15	0.065	18.12	0.065	18.23	0.066



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	20.03	0.101	20.04	0.101	20.01	0.100
15	QPSK	1	37	19.96	0.099	19.92	0.098	20.01	0.100
15	QPSK	1	74	19.87	0.097	19.90	0.098	19.94	0.099
15	QPSK	36	0	19.03	0.080	19.12	0.082	19.03	0.080
15	QPSK	36	20	19.07	0.081	19.07	0.081	19.10	0.081
15	QPSK	36	39	19.01	0.080	19.01	0.080	19.09	0.081
15	QPSK	75	0	18.96	0.079	19.09	0.081	19.03	0.080
15	16QAM	1	0	19.16	0.082	19.35	0.086	18.98	0.079
15	16QAM	1	37	19.44	0.088	19.39	0.087	19.39	0.087
15	16QAM	1	74	19.06	0.081	19.07	0.081	19.13	0.082
15	16QAM	36	0	18.07	0.064	18.10	0.065	18.13	0.065
15	16QAM	36	20	18.11	0.065	18.06	0.064	18.10	0.065
15	16QAM	36	39	18.16	0.065	18.00	0.063	18.09	0.064
15	16QAM	75	0	18.12	0.065	18.13	0.065	18.10	0.065
15	64QAM	1	0	18.20	0.066	18.19	0.066	18.15	0.065
15	64QAM	1	37	18.17	0.066	18.20	0.066	18.19	0.066
15	64QAM	1	74	18.07	0.064	18.13	0.065	18.28	0.067
15	64QAM	36	0	18.08	0.064	18.03	0.064	18.05	0.064
15	64QAM	36	20	18.03	0.064	18.00	0.063	18.16	0.065
15	64QAM	36	39	18.02	0.063	18.05	0.064	18.21	0.066
15	64QAM	75	0	18.05	0.064	17.98	0.063	18.16	0.065



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	20.00	0.100	20.09	0.102	20.04	0.101
10	QPSK	1	25	19.94	0.099	19.96	0.099	19.96	0.099
10	QPSK	1	49	19.89	0.097	19.86	0.097	19.89	0.097
10	QPSK	25	0	19.04	0.080	19.15	0.082	18.97	0.079
10	QPSK	25	12	19.02	0.080	19.10	0.081	19.11	0.081
10	QPSK	25	25	19.01	0.080	19.07	0.081	19.14	0.082
10	QPSK	50	0	18.96	0.079	19.04	0.080	19.06	0.081
10	16QAM	1	0	19.17	0.083	19.40	0.087	19.07	0.081
10	16QAM	1	25	19.38	0.087	19.46	0.088	19.34	0.086
10	16QAM	1	49	19.22	0.084	19.06	0.081	19.14	0.082
10	16QAM	25	0	18.11	0.065	18.04	0.064	18.12	0.065
10	16QAM	25	12	18.17	0.066	17.97	0.063	18.05	0.064
10	16QAM	25	25	18.18	0.066	18.07	0.064	18.04	0.064
10	16QAM	50	0	18.14	0.065	18.07	0.064	18.08	0.064
10	64QAM	1	0	18.17	0.066	18.13	0.065	18.21	0.066
10	64QAM	1	25	18.06	0.064	18.07	0.064	18.24	0.067
10	64QAM	1	49	18.12	0.065	18.09	0.064	18.24	0.067
10	64QAM	25	0	18.06	0.064	18.03	0.064	18.05	0.064
10	64QAM	25	12	18.05	0.064	18.03	0.064	18.20	0.066
10	64QAM	25	25	18.06	0.064	18.02	0.063	18.17	0.066
10	64QAM	50	0	18.00	0.063	17.99	0.063	18.14	0.065



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	19.99	0.100	20.05	0.101	20.02	0.100
5	QPSK	1	12	19.97	0.099	19.93	0.098	19.94	0.099
5	QPSK	1	24	19.90	0.098	19.90	0.098	19.90	0.098
5	QPSK	12	0	19.08	0.081	19.17	0.083	18.95	0.079
5	QPSK	12	7	19.02	0.080	19.12	0.082	19.04	0.080
5	QPSK	12	13	18.98	0.079	19.00	0.079	19.07	0.081
5	QPSK	25	0	18.99	0.079	19.10	0.081	18.99	0.079
5	16QAM	1	0	19.14	0.082	19.47	0.089	19.05	0.080
5	16QAM	1	12	19.44	0.088	19.48	0.089	19.33	0.086
5	16QAM	1	24	19.06	0.081	18.99	0.079	19.14	0.082
5	16QAM	12	0	18.06	0.064	18.08	0.064	18.11	0.065
5	16QAM	12	7	18.08	0.064	17.99	0.063	18.05	0.064
5	16QAM	12	13	18.20	0.066	18.07	0.064	18.01	0.063
5	16QAM	25	0	18.08	0.064	18.08	0.064	18.02	0.063
5	64QAM	1	0	18.26	0.067	18.20	0.066	18.18	0.066
5	64QAM	1	12	18.17	0.066	18.21	0.066	18.21	0.066
5	64QAM	1	24	18.16	0.065	18.12	0.065	18.27	0.067
5	64QAM	12	0	17.99	0.063	18.00	0.063	18.04	0.064
5	64QAM	12	7	18.06	0.064	18.07	0.064	18.17	0.066
5	64QAM	12	13	18.05	0.064	18.03	0.064	18.26	0.067
5	64QAM	25	0	18.00	0.063	17.99	0.063	18.17	0.066



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	19.99	0.100	20.08	0.102	20.02	0.100
3	QPSK	1	8	20.00	0.100	19.93	0.098	20.02	0.100
3	QPSK	1	14	19.86	0.097	19.91	0.098	19.94	0.099
3	QPSK	8	0	19.03	0.080	19.13	0.082	19.02	0.080
3	QPSK	8	4	19.03	0.080	19.11	0.081	19.11	0.081
3	QPSK	8	7	18.98	0.079	19.08	0.081	19.06	0.081
3	QPSK	15	0	18.96	0.079	19.08	0.081	19.04	0.080
3	16QAM	1	0	19.14	0.082	19.41	0.087	19.03	0.080
3	16QAM	1	8	19.40	0.087	19.49	0.089	19.34	0.086
3	16QAM	1	14	19.02	0.080	19.02	0.080	19.16	0.082
3	16QAM	8	0	18.10	0.065	18.03	0.064	18.11	0.065
3	16QAM	8	4	18.12	0.065	18.05	0.064	18.07	0.064
3	16QAM	8	7	18.20	0.066	18.02	0.063	18.04	0.064
3	16QAM	15	0	18.08	0.064	18.07	0.064	18.08	0.064
3	64QAM	1	0	18.21	0.066	18.17	0.066	18.15	0.065
3	64QAM	1	8	18.20	0.066	18.20	0.066	18.20	0.066
3	64QAM	1	14	18.13	0.065	18.09	0.064	18.21	0.066
3	64QAM	8	0	18.03	0.064	18.01	0.063	18.03	0.064
3	64QAM	8	4	17.98	0.063	18.01	0.063	18.18	0.066
3	64QAM	8	7	18.09	0.064	18.03	0.064	18.22	0.066
3	64QAM	15	0	18.09	0.064	18.04	0.064	18.08	0.064



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	20.01	0.100	20.02	0.100	20.02	0.100
1.4	QPSK	1	3	19.95	0.099	19.92	0.098	20.00	0.100
1.4	QPSK	1	5	19.91	0.098	19.94	0.099	19.89	0.097
1.4	QPSK	3	0	20.08	0.102	20.15	0.104	20.00	0.100
1.4	QPSK	3	1	20.03	0.101	20.08	0.102	20.11	0.103
1.4	QPSK	3	3	20.06	0.101	20.06	0.101	20.06	0.101
1.4	QPSK	6	0	18.94	0.078	19.04	0.080	18.99	0.079
1.4	16QAM	1	0	19.20	0.083	19.40	0.087	19.06	0.081
1.4	16QAM	1	3	19.42	0.087	19.49	0.089	19.37	0.086
1.4	16QAM	1	5	19.00	0.079	19.03	0.080	19.13	0.082
1.4	16QAM	3	0	19.12	0.082	19.10	0.081	19.06	0.081
1.4	16QAM	3	1	19.16	0.082	19.00	0.079	19.05	0.080
1.4	16QAM	3	3	19.13	0.082	19.08	0.081	19.05	0.080
1.4	16QAM	6	0	18.14	0.065	18.09	0.064	18.11	0.065
1.4	64QAM	1	0	18.17	0.066	18.14	0.065	18.17	0.066
1.4	64QAM	1	3	18.06	0.064	18.01	0.063	18.22	0.066
1.4	64QAM	1	5	18.14	0.065	18.10	0.065	18.28	0.067
1.4	64QAM	3	0	18.00	0.063	18.00	0.063	18.06	0.064
1.4	64QAM	3	1	17.98	0.063	18.00	0.063	18.18	0.066
1.4	64QAM	3	3	18.04	0.064	18.07	0.064	18.18	0.066
1.4	64QAM	6	0	18.05	0.064	18.06	0.064	18.16	0.065



LTE Band 5				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20450		20525		20600	
Frequency (MHz)				829		836.5		844	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	16.56	0.045	16.57	0.045	16.49	0.045
10	QPSK	1	25	16.52	0.045	16.55	0.045	16.44	0.044
10	QPSK	1	49	16.44	0.044	16.51	0.045	16.26	0.042
10	QPSK	25	0	15.62	0.036	15.70	0.037	15.56	0.036
10	QPSK	25	12	15.69	0.037	15.66	0.037	15.61	0.036
10	QPSK	25	25	15.61	0.036	15.57	0.036	15.60	0.036
10	QPSK	50	0	15.50	0.035	15.52	0.036	15.49	0.035
10	16QAM	1	0	15.59	0.036	15.49	0.035	15.45	0.035
10	16QAM	1	25	15.58	0.036	15.76	0.038	15.62	0.036
10	16QAM	1	49	15.55	0.036	15.56	0.036	15.48	0.035
10	16QAM	25	0	14.54	0.028	14.45	0.028	14.42	0.028
10	16QAM	25	12	14.46	0.028	14.42	0.028	14.39	0.027
10	16QAM	25	25	14.54	0.028	14.50	0.028	14.45	0.028
10	16QAM	50	0	14.58	0.029	14.44	0.028	14.41	0.028
10	64QAM	1	0	14.60	0.029	14.67	0.029	14.56	0.029
10	64QAM	1	25	14.47	0.028	14.45	0.028	14.51	0.028
10	64QAM	1	49	14.62	0.029	14.42	0.028	14.58	0.029
10	64QAM	25	0	14.57	0.029	14.50	0.028	14.45	0.028
10	64QAM	25	12	14.65	0.029	14.45	0.028	14.50	0.028
10	64QAM	25	25	14.49	0.028	14.50	0.028	14.45	0.028
10	64QAM	50	0	14.50	0.028	14.47	0.028	14.49	0.028



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	16.53	0.045	16.54	0.045	16.46	0.044
5	QPSK	1	12	16.49	0.045	16.49	0.045	16.42	0.044
5	QPSK	1	24	16.39	0.044	16.46	0.044	16.20	0.042
5	QPSK	12	0	15.61	0.036	15.67	0.037	15.43	0.035
5	QPSK	12	7	15.65	0.037	15.63	0.037	15.58	0.036
5	QPSK	12	13	15.51	0.036	15.53	0.036	15.50	0.035
5	QPSK	25	0	15.55	0.036	15.53	0.036	15.58	0.036
5	16QAM	1	0	15.69	0.037	15.60	0.036	15.55	0.036
5	16QAM	1	12	15.68	0.037	15.88	0.039	15.74	0.037
5	16QAM	1	24	15.67	0.037	15.64	0.037	15.60	0.036
5	16QAM	12	0	14.60	0.029	14.56	0.029	14.47	0.028
5	16QAM	12	7	14.54	0.028	14.53	0.028	14.45	0.028
5	16QAM	12	13	14.59	0.029	14.58	0.029	14.52	0.028
5	16QAM	25	0	14.68	0.029	14.49	0.028	14.46	0.028
5	64QAM	1	0	14.54	0.028	14.61	0.029	14.54	0.028
5	64QAM	1	12	14.37	0.027	14.44	0.028	14.46	0.028
5	64QAM	1	24	14.57	0.029	14.33	0.027	14.49	0.028
5	64QAM	12	0	14.50	0.028	14.46	0.028	14.39	0.027
5	64QAM	12	7	14.61	0.029	14.40	0.028	14.44	0.028
5	64QAM	12	13	14.41	0.028	14.41	0.028	14.35	0.027
5	64QAM	25	0	14.59	0.029	14.57	0.029	14.60	0.029



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	16.44	0.044	16.52	0.045	16.48	0.044
3	QPSK	1	8	16.51	0.045	16.49	0.045	16.37	0.043
3	QPSK	1	14	16.35	0.043	16.44	0.044	16.18	0.041
3	QPSK	8	0	15.55	0.036	15.66	0.037	15.44	0.035
3	QPSK	8	4	15.65	0.037	15.63	0.037	15.56	0.036
3	QPSK	8	7	15.37	0.034	15.42	0.035	15.40	0.035
3	QPSK	15	0	15.42	0.035	15.41	0.035	15.45	0.035
3	16QAM	1	0	15.56	0.036	15.40	0.035	15.41	0.035
3	16QAM	1	8	15.56	0.036	15.74	0.037	15.55	0.036
3	16QAM	1	14	15.48	0.035	15.46	0.035	15.46	0.035
3	16QAM	8	0	14.51	0.028	14.39	0.027	14.35	0.027
3	16QAM	8	4	14.37	0.027	14.39	0.027	14.38	0.027
3	16QAM	8	7	14.48	0.028	14.40	0.028	14.37	0.027
3	16QAM	15	0	14.54	0.028	14.41	0.028	14.38	0.027
3	64QAM	1	0	14.52	0.028	14.58	0.029	14.53	0.028
3	64QAM	1	8	14.46	0.028	14.40	0.028	14.50	0.028
3	64QAM	1	14	14.58	0.029	14.39	0.027	14.55	0.029
3	64QAM	8	0	14.52	0.028	14.41	0.028	14.41	0.028
3	64QAM	8	4	14.61	0.029	14.44	0.028	14.46	0.028
3	64QAM	8	7	14.47	0.028	14.41	0.028	14.39	0.027
3	64QAM	15	0	14.40	0.028	14.46	0.028	14.40	0.028



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	16.54	0.045	16.55	0.045	16.42	0.044
1.4	QPSK	1	3	16.47	0.044	16.47	0.044	16.36	0.043
1.4	QPSK	1	5	16.43	0.044	16.48	0.044	16.21	0.042
1.4	QPSK	3	0	16.43	0.044	16.54	0.045	16.28	0.042
1.4	QPSK	3	1	16.49	0.045	16.46	0.044	16.39	0.044
1.4	QPSK	3	3	16.38	0.043	16.42	0.044	16.45	0.044
1.4	QPSK	6	0	15.49	0.035	15.39	0.035	15.40	0.035
1.4	16QAM	1	0	15.56	0.036	15.44	0.035	15.37	0.034
1.4	16QAM	1	3	15.56	0.036	15.74	0.037	15.52	0.036
1.4	16QAM	1	5	15.54	0.036	15.51	0.036	15.43	0.035
1.4	16QAM	3	0	15.59	0.036	15.52	0.036	15.54	0.036
1.4	16QAM	3	1	15.58	0.036	15.53	0.036	15.47	0.035
1.4	16QAM	3	3	15.59	0.036	15.59	0.036	15.57	0.036
1.4	16QAM	6	0	14.70	0.030	14.56	0.029	14.53	0.028
1.4	64QAM	1	0	14.73	0.030	14.75	0.030	14.61	0.029
1.4	64QAM	1	3	14.54	0.028	14.51	0.028	14.56	0.029
1.4	64QAM	1	5	14.70	0.030	14.46	0.028	14.70	0.030
1.4	64QAM	3	0	14.64	0.029	14.63	0.029	14.56	0.029
1.4	64QAM	3	1	14.71	0.030	14.52	0.028	14.55	0.029
1.4	64QAM	3	3	14.54	0.028	14.54	0.028	14.51	0.028
1.4	64QAM	6	0	14.62	0.029	14.59	0.029	14.59	0.029



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	20.92	0.124	20.98	0.125	20.94	0.124
20	QPSK	1	49	20.84	0.121	20.91	0.123	20.96	0.125
20	QPSK	1	99	20.95	0.124	20.96	0.125	20.97	0.125
20	QPSK	50	0	20.05	0.101	20.18	0.104	20.17	0.104
20	QPSK	50	24	20.12	0.103	20.17	0.104	20.16	0.104
20	QPSK	50	50	20.15	0.104	20.14	0.103	20.16	0.104
20	QPSK	100	0	20.20	0.105	20.21	0.105	20.13	0.103
20	16QAM	1	0	20.06	0.101	20.00	0.100	20.05	0.101
20	16QAM	1	49	20.13	0.103	20.12	0.103	20.04	0.101
20	16QAM	1	99	20.14	0.103	20.19	0.104	20.15	0.104
20	16QAM	50	0	19.04	0.080	19.19	0.083	19.25	0.084
20	16QAM	50	24	19.08	0.081	19.13	0.082	19.05	0.080
20	16QAM	50	50	19.07	0.081	19.18	0.083	19.03	0.080
20	16QAM	100	0	19.06	0.081	19.11	0.081	19.16	0.082
20	64QAM	1	0	19.09	0.081	19.13	0.082	19.17	0.083
20	64QAM	1	49	19.13	0.082	19.19	0.083	18.94	0.078
20	64QAM	1	99	19.08	0.081	18.95	0.079	18.85	0.077
20	64QAM	50	0	19.05	0.080	19.09	0.081	19.13	0.082
20	64QAM	50	24	19.05	0.080	19.18	0.083	18.97	0.079
20	64QAM	50	50	19.02	0.080	19.17	0.083	19.11	0.081
20	64QAM	100	0	19.10	0.081	19.09	0.081	18.99	0.079



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	20.86	0.122	20.96	0.125	20.90	0.123
15	QPSK	1	37	20.76	0.119	20.83	0.121	20.88	0.122
15	QPSK	1	74	20.88	0.122	20.93	0.124	20.95	0.124
15	QPSK	36	0	20.02	0.100	20.17	0.104	20.09	0.102
15	QPSK	36	20	20.02	0.100	20.15	0.104	20.10	0.102
15	QPSK	36	39	20.09	0.102	20.13	0.103	20.14	0.103
15	QPSK	75	0	20.12	0.103	20.09	0.102	20.04	0.101
15	16QAM	1	0	20.02	0.100	19.99	0.100	19.97	0.099
15	16QAM	1	37	20.08	0.102	20.03	0.101	20.03	0.101
15	16QAM	1	74	20.11	0.103	20.18	0.104	20.05	0.101
15	16QAM	36	0	18.97	0.079	19.17	0.083	19.24	0.084
15	16QAM	36	20	19.05	0.080	19.04	0.080	19.00	0.079
15	16QAM	36	39	19.03	0.080	19.17	0.083	18.96	0.079
15	16QAM	75	0	19.04	0.080	19.10	0.081	19.15	0.082
15	64QAM	1	0	19.05	0.080	19.03	0.080	19.15	0.082
15	64QAM	1	37	19.04	0.080	19.14	0.082	18.90	0.078
15	64QAM	1	74	19.00	0.079	18.90	0.078	18.83	0.076
15	64QAM	36	0	18.95	0.079	19.01	0.080	19.04	0.080
15	64QAM	36	20	19.00	0.079	19.14	0.082	18.94	0.078
15	64QAM	36	39	18.92	0.078	19.13	0.082	19.10	0.081
15	64QAM	75	0	19.09	0.081	19.01	0.080	18.97	0.079



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	20.80	0.120	20.93	0.124	20.91	0.123
10	QPSK	1	25	20.80	0.120	20.89	0.123	20.86	0.122
10	QPSK	1	49	20.87	0.122	20.87	0.122	20.90	0.123
10	QPSK	25	0	19.97	0.099	20.16	0.104	20.07	0.102
10	QPSK	25	12	20.07	0.102	20.13	0.103	20.11	0.103
10	QPSK	25	25	20.10	0.102	20.04	0.101	20.15	0.104
10	QPSK	50	0	20.19	0.104	20.16	0.104	20.11	0.103
10	16QAM	1	0	19.98	0.100	19.96	0.099	19.97	0.099
10	16QAM	1	25	20.09	0.102	20.10	0.102	19.94	0.099
10	16QAM	1	49	20.08	0.102	20.10	0.102	20.13	0.103
10	16QAM	25	0	19.02	0.080	19.10	0.081	19.23	0.084
10	16QAM	25	12	19.05	0.080	19.10	0.081	18.95	0.079
10	16QAM	25	25	19.04	0.080	19.10	0.081	18.97	0.079
10	16QAM	50	0	19.01	0.080	19.10	0.081	19.15	0.082
10	64QAM	1	0	19.08	0.081	19.11	0.081	19.16	0.082
10	64QAM	1	25	19.04	0.080	19.14	0.082	18.91	0.078
10	64QAM	1	49	19.04	0.080	18.85	0.077	18.77	0.075
10	64QAM	25	0	18.96	0.079	19.03	0.080	19.08	0.081
10	64QAM	25	12	19.01	0.080	19.17	0.083	18.95	0.079
10	64QAM	25	25	18.99	0.079	19.07	0.081	19.05	0.080
10	64QAM	50	0	19.03	0.080	19.08	0.081	18.91	0.078



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	20.86	0.122	20.97	0.125	20.84	0.121
5	QPSK	1	12	20.81	0.121	20.87	0.122	20.93	0.124
5	QPSK	1	24	20.89	0.123	20.92	0.124	20.91	0.123
5	QPSK	12	0	20.02	0.100	20.14	0.103	20.10	0.102
5	QPSK	12	7	20.11	0.103	20.15	0.104	20.10	0.102
5	QPSK	12	13	20.07	0.102	20.10	0.102	20.13	0.103
5	QPSK	25	0	20.12	0.103	20.15	0.104	20.05	0.101
5	16QAM	1	0	20.05	0.101	19.91	0.098	19.98	0.100
5	16QAM	1	12	20.10	0.102	20.07	0.102	19.98	0.100
5	16QAM	1	24	20.06	0.101	20.17	0.104	20.11	0.103
5	16QAM	12	0	19.02	0.080	19.09	0.081	19.17	0.083
5	16QAM	12	7	19.00	0.079	19.09	0.081	18.99	0.079
5	16QAM	12	13	18.99	0.079	19.09	0.081	18.96	0.079
5	16QAM	25	0	18.97	0.079	19.01	0.080	19.10	0.081
5	64QAM	1	0	19.01	0.080	19.08	0.081	19.10	0.081
5	64QAM	1	12	19.08	0.081	19.17	0.083	18.85	0.077
5	64QAM	1	24	19.04	0.080	18.93	0.078	18.77	0.075
5	64QAM	12	0	19.01	0.080	19.01	0.080	19.07	0.081
5	64QAM	12	7	18.95	0.079	19.12	0.082	18.87	0.077
5	64QAM	12	13	19.01	0.080	19.12	0.082	19.01	0.080
5	64QAM	25	0	19.00	0.079	19.04	0.080	18.91	0.078



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	16.01	0.040	16.06	0.040	15.94	0.039
10	QPSK	1	25	15.94	0.039	15.97	0.040	15.98	0.040
10	QPSK	1	49	15.84	0.038	15.99	0.040	16.01	0.040
10	QPSK	25	0	15.17	0.033	15.22	0.033	15.21	0.033
10	QPSK	25	12	15.19	0.033	15.10	0.032	15.17	0.033
10	QPSK	25	25	15.19	0.033	15.14	0.033	15.11	0.032
10	QPSK	50	0	15.13	0.033	15.22	0.033	15.18	0.033
10	16QAM	1	0	15.37	0.034	15.34	0.034	15.21	0.033
10	16QAM	1	25	15.12	0.033	15.19	0.033	15.19	0.033
10	16QAM	1	49	15.17	0.033	15.12	0.033	15.23	0.033
10	16QAM	25	0	14.15	0.026	14.17	0.026	14.28	0.027
10	16QAM	25	12	14.13	0.026	14.18	0.026	14.15	0.026
10	16QAM	25	25	14.25	0.027	14.22	0.026	14.24	0.027
10	16QAM	50	0	14.29	0.027	14.23	0.026	14.20	0.026
10	64QAM	1	0	14.29	0.027	14.24	0.027	14.14	0.026
10	64QAM	1	25	14.35	0.027	14.30	0.027	14.28	0.027
10	64QAM	1	49	14.41	0.028	14.43	0.028	14.37	0.027
10	64QAM	25	0	14.13	0.026	14.33	0.027	14.17	0.026
10	64QAM	25	12	14.20	0.026	14.26	0.027	14.28	0.027
10	64QAM	25	25	14.15	0.026	14.22	0.026	14.16	0.026
10	64QAM	50	0	14.19	0.026	14.17	0.026	14.20	0.026



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	15.81	0.038	15.96	0.039	15.84	0.038
5	QPSK	1	12	15.89	0.039	15.96	0.039	15.89	0.039
5	QPSK	1	24	15.83	0.038	15.94	0.039	15.95	0.039
5	QPSK	12	0	15.14	0.033	15.15	0.033	15.17	0.033
5	QPSK	12	7	15.10	0.032	15.05	0.032	15.14	0.033
5	QPSK	12	13	15.11	0.032	15.06	0.032	15.10	0.032
5	QPSK	25	0	15.12	0.033	15.09	0.032	15.14	0.033
5	16QAM	1	0	15.33	0.034	15.29	0.034	15.11	0.032
5	16QAM	1	12	15.02	0.032	15.17	0.033	15.17	0.033
5	16QAM	1	24	15.12	0.033	15.11	0.032	15.16	0.033
5	16QAM	12	0	14.06	0.025	14.15	0.026	14.20	0.026
5	16QAM	12	7	14.12	0.026	14.10	0.026	14.07	0.026
5	16QAM	12	13	14.17	0.026	14.14	0.026	14.18	0.026
5	16QAM	25	0	14.27	0.027	14.13	0.026	14.18	0.026
5	64QAM	1	0	14.27	0.027	14.16	0.026	14.10	0.026
5	64QAM	1	12	14.27	0.027	14.23	0.026	14.26	0.027
5	64QAM	1	24	14.37	0.027	14.39	0.027	14.27	0.027
5	64QAM	12	0	14.09	0.026	14.28	0.027	14.14	0.026
5	64QAM	12	7	14.13	0.026	14.23	0.026	14.21	0.026
5	64QAM	12	13	14.11	0.026	14.17	0.026	14.07	0.026
5	64QAM	25	0	14.18	0.026	14.14	0.026	14.19	0.026



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	15.86	0.039	16.04	0.040	15.92	0.039
3	QPSK	1	8	15.92	0.039	15.92	0.039	15.97	0.040
3	QPSK	1	14	15.82	0.038	15.98	0.040	15.91	0.039
3	QPSK	8	0	15.16	0.033	15.16	0.033	15.16	0.033
3	QPSK	8	4	15.14	0.033	15.00	0.032	15.13	0.033
3	QPSK	8	7	15.10	0.032	15.09	0.032	15.04	0.032
3	QPSK	15	0	15.07	0.032	15.09	0.032	15.13	0.033
3	16QAM	1	0	15.30	0.034	15.29	0.034	15.11	0.032
3	16QAM	1	8	15.07	0.032	15.12	0.033	15.17	0.033
3	16QAM	1	14	15.07	0.032	15.07	0.032	15.21	0.033
3	16QAM	8	0	14.13	0.026	14.11	0.026	14.26	0.027
3	16QAM	8	4	14.04	0.025	14.08	0.026	14.07	0.026
3	16QAM	8	7	14.22	0.026	14.18	0.026	14.19	0.026
3	16QAM	15	0	14.28	0.027	14.18	0.026	14.10	0.026
3	64QAM	1	0	14.25	0.027	14.19	0.026	14.10	0.026
3	64QAM	1	8	14.32	0.027	14.29	0.027	14.20	0.026
3	64QAM	1	14	14.34	0.027	14.36	0.027	14.30	0.027
3	64QAM	8	0	14.11	0.026	14.32	0.027	14.07	0.026
3	64QAM	8	4	14.11	0.026	14.18	0.026	14.24	0.027
3	64QAM	8	7	14.14	0.026	14.15	0.026	14.10	0.026
3	64QAM	15	0	14.13	0.026	14.11	0.026	14.12	0.026



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	15.85	0.038	16.05	0.040	15.86	0.039
1.4	QPSK	1	3	15.92	0.039	15.91	0.039	15.95	0.039
1.4	QPSK	1	5	15.83	0.038	15.89	0.039	15.94	0.039
1.4	QPSK	3	0	15.96	0.039	16.00	0.040	16.00	0.040
1.4	QPSK	3	1	16.01	0.040	15.89	0.039	15.98	0.040
1.4	QPSK	3	3	15.93	0.039	15.89	0.039	15.87	0.039
1.4	QPSK	6	0	15.08	0.032	15.08	0.032	15.10	0.032
1.4	16QAM	1	0	15.32	0.034	15.27	0.034	15.19	0.033
1.4	16QAM	1	3	15.05	0.032	15.10	0.032	15.12	0.033
1.4	16QAM	1	5	15.16	0.033	15.02	0.032	15.20	0.033
1.4	16QAM	3	0	15.06	0.032	15.16	0.033	15.20	0.033
1.4	16QAM	3	1	15.07	0.032	15.09	0.032	15.06	0.032
1.4	16QAM	3	3	15.22	0.033	15.17	0.033	15.20	0.033
1.4	16QAM	6	0	14.23	0.026	14.14	0.026	14.16	0.026
1.4	64QAM	1	0	14.27	0.027	14.16	0.026	14.06	0.025
1.4	64QAM	1	3	14.27	0.027	14.22	0.026	14.24	0.027
1.4	64QAM	1	5	14.40	0.028	14.38	0.027	14.31	0.027
1.4	64QAM	3	0	14.11	0.026	14.26	0.027	14.16	0.026
1.4	64QAM	3	1	14.11	0.026	14.19	0.026	14.27	0.027
1.4	64QAM	3	3	14.10	0.026	14.18	0.026	14.06	0.025
1.4	64QAM	6	0	14.17	0.026	14.07	0.026	14.19	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				23780		23790		23800	
Frequency (MHz)				709		710		711	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	16.00	0.040	16.02	0.040	15.87	0.039
10	QPSK	1	25	15.99	0.040	16.01	0.040	15.97	0.040
10	QPSK	1	49	15.90	0.039	15.98	0.040	16.00	0.040
10	QPSK	25	0	15.10	0.032	15.11	0.032	15.09	0.032
10	QPSK	25	12	15.07	0.032	15.06	0.032	15.06	0.032
10	QPSK	25	25	15.08	0.032	15.02	0.032	15.03	0.032
10	QPSK	50	0	15.09	0.032	15.07	0.032	15.07	0.032
10	16QAM	1	0	15.21	0.033	15.37	0.034	15.04	0.032
10	16QAM	1	25	15.03	0.032	15.09	0.032	15.14	0.033
10	16QAM	1	49	15.17	0.033	15.23	0.033	15.25	0.033
10	16QAM	25	0	14.10	0.026	14.14	0.026	14.02	0.025
10	16QAM	25	12	14.16	0.026	14.18	0.026	14.17	0.026
10	16QAM	25	25	14.18	0.026	14.12	0.026	14.11	0.026
10	16QAM	50	0	14.03	0.025	14.07	0.026	14.08	0.026
10	64QAM	1	0	14.08	0.026	14.27	0.027	14.16	0.026
10	64QAM	1	25	14.31	0.027	14.35	0.027	14.22	0.026
10	64QAM	1	49	14.16	0.026	14.15	0.026	14.13	0.026
10	64QAM	25	0	14.04	0.025	14.16	0.026	14.05	0.025
10	64QAM	25	12	14.03	0.025	14.10	0.026	14.07	0.026
10	64QAM	25	25	14.11	0.026	14.14	0.026	14.10	0.026
10	64QAM	50	0	14.07	0.026	14.03	0.025	14.08	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	15.99	0.040	16.00	0.040	15.86	0.039
5	QPSK	1	12	15.92	0.039	15.95	0.039	15.96	0.039
5	QPSK	1	24	15.87	0.039	15.91	0.039	15.94	0.039
5	QPSK	12	0	15.03	0.032	15.06	0.032	15.06	0.032
5	QPSK	12	7	14.98	0.031	14.96	0.031	14.98	0.031
5	QPSK	12	13	14.98	0.031	14.95	0.031	15.01	0.032
5	QPSK	25	0	15.04	0.032	15.00	0.032	15.02	0.032
5	16QAM	1	0	15.18	0.033	15.27	0.034	14.97	0.031
5	16QAM	1	12	15.02	0.032	15.02	0.032	15.04	0.032
5	16QAM	1	24	15.08	0.032	15.16	0.033	15.15	0.033
5	16QAM	12	0	14.07	0.026	14.10	0.026	13.95	0.025
5	16QAM	12	7	14.08	0.026	14.09	0.026	14.13	0.026
5	16QAM	12	13	14.17	0.026	14.08	0.026	14.03	0.025
5	16QAM	25	0	13.99	0.025	14.06	0.025	13.99	0.025
5	64QAM	1	0	14.05	0.025	14.26	0.027	14.12	0.026
5	64QAM	1	12	14.30	0.027	14.30	0.027	14.14	0.026
5	64QAM	1	24	14.08	0.026	14.14	0.026	14.09	0.026
5	64QAM	12	0	13.94	0.025	14.09	0.026	13.95	0.025
5	64QAM	12	7	13.94	0.025	14.05	0.025	14.04	0.025
5	64QAM	12	13	14.08	0.026	14.10	0.026	14.01	0.025
5	64QAM	25	0	13.98	0.025	14.02	0.025	14.06	0.025



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	16.31	0.043	16.25	0.042	16.33	0.043
5	QPSK	1	12	16.17	0.041	16.14	0.041	16.22	0.042
5	QPSK	1	24	16.28	0.042	16.19	0.042	16.29	0.043
5	QPSK	12	0	15.47	0.035	15.51	0.036	15.57	0.036
5	QPSK	12	7	15.28	0.034	15.33	0.034	15.34	0.034
5	QPSK	12	13	15.54	0.036	15.48	0.035	15.55	0.036
5	QPSK	25	0	15.36	0.034	15.43	0.035	15.46	0.035
5	16QAM	1	0	15.51	0.036	15.54	0.036	15.62	0.036
5	16QAM	1	12	15.49	0.035	15.49	0.035	15.58	0.036
5	16QAM	1	24	15.42	0.035	15.46	0.035	15.49	0.035
5	16QAM	12	0	14.58	0.029	14.62	0.029	14.68	0.029
5	16QAM	12	7	14.58	0.029	14.51	0.028	14.63	0.029
5	16QAM	12	13	14.52	0.028	14.56	0.029	14.59	0.029
5	16QAM	25	0	14.62	0.029	14.70	0.030	14.72	0.030
5	64QAM	1	0	14.56	0.029	14.65	0.029	14.68	0.029
5	64QAM	1	12	14.51	0.028	14.50	0.028	14.59	0.029
5	64QAM	1	24	14.74	0.030	14.69	0.029	14.75	0.030
5	64QAM	12	0	14.45	0.028	14.44	0.028	14.53	0.028
5	64QAM	12	7	14.42	0.028	14.41	0.028	14.53	0.028
5	64QAM	12	13	14.48	0.028	14.47	0.028	14.52	0.028
5	64QAM	25	0	14.40	0.028	14.39	0.027	14.50	0.028



LTE Band 19				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	/	/	16.54	0.045	/	/
15	QPSK	1	37	/	/	16.45	0.044	/	/
15	QPSK	1	74	/	/	16.44	0.044	/	/
15	QPSK	36	0	/	/	15.90	0.039	/	/
15	QPSK	36	20	/	/	15.65	0.037	/	/
15	QPSK	36	39	/	/	15.52	0.036	/	/
15	QPSK	75	0	/	/	15.53	0.036	/	/
15	16QAM	1	0	/	/	15.66	0.037	/	/
15	16QAM	1	37	/	/	15.58	0.036	/	/
15	16QAM	1	74	/	/	15.51	0.036	/	/
15	16QAM	36	0	/	/	14.73	0.030	/	/
15	16QAM	36	20	/	/	14.62	0.029	/	/
15	16QAM	36	39	/	/	14.69	0.029	/	/
15	16QAM	75	0	/	/	14.79	0.030	/	/
15	64QAM	1	0	/	/	14.81	0.030	/	/
15	64QAM	1	37	/	/	14.63	0.029	/	/
15	64QAM	1	74	/	/	14.59	0.029	/	/
15	64QAM	36	0	/	/	14.80	0.030	/	/
15	64QAM	36	20	/	/	14.80	0.030	/	/
15	64QAM	36	39	/	/	14.86	0.031	/	/
15	64QAM	75	0	/	/	14.83	0.030	/	/



LTE Band 19				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	16.42	0.044	16.46	0.044	16.43	0.044
10	QPSK	1	25	16.45	0.044	16.44	0.044	16.37	0.043
10	QPSK	1	49	16.31	0.043	16.44	0.044	16.36	0.043
10	QPSK	25	0	15.84	0.038	15.65	0.037	15.51	0.036
10	QPSK	25	12	15.80	0.038	15.62	0.036	15.41	0.035
10	QPSK	25	25	15.79	0.038	15.63	0.037	15.48	0.035
10	QPSK	50	0	15.80	0.038	15.68	0.037	15.50	0.035
10	16QAM	1	0	15.52	0.036	15.84	0.038	15.61	0.036
10	16QAM	1	25	15.61	0.036	15.70	0.037	15.75	0.038
10	16QAM	1	49	15.55	0.036	15.54	0.036	15.52	0.036
10	16QAM	25	0	14.81	0.030	14.95	0.031	15.24	0.033
10	16QAM	25	12	14.82	0.030	14.98	0.031	15.06	0.032
10	16QAM	25	25	14.99	0.032	14.87	0.031	14.93	0.031
10	16QAM	50	0	15.16	0.033	15.03	0.032	15.05	0.032
10	64QAM	1	0	14.89	0.031	14.89	0.031	14.71	0.030
10	64QAM	1	12	14.99	0.032	14.71	0.030	14.73	0.030
10	64QAM	1	24	14.71	0.030	14.70	0.030	14.70	0.030
10	64QAM	12	0	15.06	0.032	14.83	0.030	14.78	0.030
10	64QAM	12	7	14.82	0.030	14.84	0.030	14.77	0.030
10	64QAM	12	13	14.72	0.030	14.85	0.031	14.60	0.029
10	64QAM	25	0	15.02	0.032	14.81	0.030	14.74	0.030



LTE Band 19				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	16.41	0.044	16.46	0.044	16.42	0.044
5	QPSK	1	12	16.36	0.043	16.40	0.044	16.42	0.044
5	QPSK	1	24	16.32	0.043	16.44	0.044	16.44	0.044
5	QPSK	12	0	15.78	0.038	15.60	0.036	15.49	0.035
5	QPSK	12	7	15.88	0.039	15.59	0.036	15.59	0.036
5	QPSK	12	13	15.77	0.038	15.54	0.036	15.48	0.035
5	QPSK	25	0	15.81	0.038	15.62	0.036	15.67	0.037
5	16QAM	1	0	15.52	0.036	15.52	0.036	15.53	0.036
5	16QAM	1	12	15.56	0.036	15.46	0.035	15.43	0.035
5	16QAM	1	24	15.61	0.036	15.61	0.036	15.66	0.037
5	16QAM	12	0	15.14	0.033	14.96	0.031	14.94	0.031
5	16QAM	12	7	14.99	0.032	15.01	0.032	14.70	0.030
5	16QAM	12	13	15.11	0.032	14.96	0.031	14.75	0.030
5	16QAM	25	0	14.66	0.029	14.80	0.030	14.77	0.030
5	64QAM	1	0	14.90	0.031	14.72	0.030	14.70	0.030
5	64QAM	1	12	14.79	0.030	14.90	0.031	14.71	0.030
5	64QAM	1	24	14.73	0.030	14.70	0.030	14.70	0.030
5	64QAM	12	0	15.00	0.032	14.78	0.030	14.61	0.029
5	64QAM	12	7	14.59	0.029	14.91	0.031	14.62	0.029
5	64QAM	12	13	14.99	0.032	14.88	0.031	14.54	0.028
5	64QAM	25	0	14.99	0.032	14.78	0.030	14.60	0.029



LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26865		26915		26965	
Frequency (MHz)				831.5		836.5		841.5	
				dbm	W	dbm	W	dbm	W
15	QPSK	1	0	16.57	0.045	16.47	0.044	16.52	0.045
15	QPSK	1	37	16.48	0.044	16.54	0.045	16.55	0.045
15	QPSK	1	74	16.55	0.045	16.14	0.041	16.22	0.042
15	QPSK	36	0	15.68	0.037	15.48	0.035	15.59	0.036
15	QPSK	36	20	15.65	0.037	15.41	0.035	15.51	0.036
15	QPSK	36	39	15.67	0.037	15.51	0.036	15.61	0.036
15	QPSK	75	0	15.57	0.036	15.50	0.035	15.54	0.036
15	16QAM	1	0	15.49	0.035	15.58	0.036	15.63	0.037
15	16QAM	1	37	15.52	0.036	15.46	0.035	15.50	0.035
15	16QAM	1	74	15.46	0.035	15.33	0.034	15.41	0.035
15	16QAM	36	0	14.63	0.029	14.53	0.028	14.56	0.029
15	16QAM	36	20	14.56	0.029	14.48	0.028	14.55	0.029
15	16QAM	36	39	14.64	0.029	14.53	0.028	14.62	0.029
15	16QAM	75	0	14.66	0.029	14.54	0.028	14.60	0.029
15	64QAM	1	0	14.64	0.029	14.57	0.029	14.65	0.029
15	64QAM	1	37	14.64	0.029	14.52	0.028	14.61	0.029
15	64QAM	1	74	14.49	0.028	14.36	0.027	14.37	0.027
15	64QAM	36	0	14.55	0.029	14.54	0.028	14.59	0.029
15	64QAM	36	20	14.58	0.029	14.44	0.028	14.47	0.028
15	64QAM	36	39	14.62	0.029	14.51	0.028	14.58	0.029
15	64QAM	75	0	14.66	0.029	14.48	0.028	14.51	0.028



LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26840		26915		26990	
Frequency (MHz)				829.0		836.5		844.0	
				dbm	W	dbm	W	dbm	W
10	QPSK	1	0	16.41	0.044	16.38	0.043	16.49	0.045
10	QPSK	1	25	16.39	0.044	16.37	0.043	16.45	0.044
10	QPSK	1	49	16.15	0.041	16.09	0.041	16.16	0.041
10	QPSK	25	0	15.44	0.035	15.48	0.035	15.50	0.035
10	QPSK	25	12	15.36	0.034	15.40	0.035	15.43	0.035
10	QPSK	25	25	15.48	0.035	15.49	0.035	15.53	0.036
10	QPSK	50	0	15.80	0.038	15.86	0.039	15.87	0.039
10	16QAM	1	0	15.50	0.035	15.48	0.035	15.53	0.036
10	16QAM	1	25	15.40	0.035	15.38	0.035	15.43	0.035
10	16QAM	1	49	15.30	0.034	15.36	0.034	15.39	0.035
10	16QAM	25	0	14.35	0.027	14.36	0.027	14.46	0.028
10	16QAM	25	12	14.40	0.028	14.45	0.028	14.52	0.028
10	16QAM	25	25	14.48	0.028	14.44	0.028	14.55	0.029
10	16QAM	50	0	14.44	0.028	14.46	0.028	14.55	0.029
10	64QAM	1	0	14.60	0.029	14.62	0.029	14.63	0.029
10	64QAM	1	25	14.45	0.028	14.51	0.028	14.52	0.028
10	64QAM	1	49	14.23	0.026	14.26	0.027	14.33	0.027
10	64QAM	25	0	14.41	0.028	14.42	0.028	14.52	0.028
10	64QAM	25	12	14.42	0.028	14.40	0.028	14.46	0.028
10	64QAM	25	25	14.50	0.028	14.40	0.028	14.51	0.028
10	64QAM	50	0	14.40	0.028	14.32	0.027	14.42	0.028



LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26815		26915		27015	
Frequency (MHz)				826.5		836.5		846.5	
				dbm	W	dbm	W	dbm	W
5	QPSK	1	0	16.45	0.044	16.38	0.043	16.49	0.045
5	QPSK	1	12	16.39	0.044	16.46	0.044	16.51	0.045
5	QPSK	1	24	16.13	0.041	16.07	0.040	16.17	0.041
5	QPSK	12	0	15.41	0.035	15.42	0.035	15.50	0.035
5	QPSK	12	7	15.42	0.035	15.31	0.034	15.43	0.035
5	QPSK	12	13	15.44	0.035	15.49	0.035	15.56	0.036
5	QPSK	25	0	15.76	0.038	15.79	0.038	15.85	0.038
5	16QAM	1	0	15.52	0.036	15.52	0.036	15.60	0.036
5	16QAM	1	12	15.42	0.035	15.34	0.034	15.45	0.035
5	16QAM	1	24	15.26	0.034	15.22	0.033	15.31	0.034
5	16QAM	12	0	14.49	0.028	14.43	0.028	14.54	0.028
5	16QAM	12	7	14.50	0.028	14.40	0.028	14.51	0.028
5	16QAM	12	13	14.50	0.028	14.49	0.028	14.58	0.029
5	16QAM	25	0	14.50	0.028	14.48	0.028	14.56	0.029
5	64QAM	1	0	14.49	0.028	14.46	0.028	14.58	0.029
5	64QAM	1	12	14.51	0.028	14.41	0.028	14.52	0.028
5	64QAM	1	24	14.21	0.026	14.23	0.026	14.31	0.027
5	64QAM	12	0	14.51	0.028	14.48	0.028	14.55	0.029
5	64QAM	12	7	14.31	0.027	14.37	0.027	14.40	0.028
5	64QAM	12	13	14.49	0.028	14.42	0.028	14.53	0.028
5	64QAM	25	0	14.43	0.028	14.44	0.028	14.48	0.028



LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26805		26915		27025	
Frequency (MHz)				825.5		836.5		847.5	
				dbm	W	dbm	W	dbm	W
3	QPSK	1	0	16.48	0.044	16.48	0.044	16.50	0.045
3	QPSK	1	8	16.34	0.043	16.38	0.043	16.45	0.044
3	QPSK	1	14	16.02	0.040	16.07	0.040	16.12	0.041
3	QPSK	8	0	15.44	0.035	15.43	0.035	15.49	0.035
3	QPSK	8	4	15.36	0.034	15.31	0.034	15.41	0.035
3	QPSK	8	7	15.54	0.036	15.50	0.035	15.57	0.036
3	QPSK	15	0	15.81	0.038	15.84	0.038	15.92	0.039
3	16QAM	1	0	15.53	0.036	15.53	0.036	15.61	0.036
3	16QAM	1	8	15.30	0.034	15.40	0.035	15.42	0.035
3	16QAM	1	14	15.33	0.034	15.30	0.034	15.40	0.035
3	16QAM	8	0	14.47	0.028	14.39	0.027	14.48	0.028
3	16QAM	8	4	14.41	0.028	14.46	0.028	14.53	0.028
3	16QAM	8	7	14.52	0.028	14.47	0.028	14.59	0.029
3	16QAM	15	0	14.40	0.028	14.46	0.028	14.50	0.028
3	64QAM	1	0	14.54	0.028	14.59	0.029	14.64	0.029
3	64QAM	1	8	14.56	0.029	14.49	0.028	14.58	0.029
3	64QAM	1	14	14.46	0.028	14.42	0.028	14.53	0.028
3	64QAM	8	0	14.43	0.028	14.50	0.028	14.54	0.028
3	64QAM	8	4	14.33	0.027	14.29	0.027	14.40	0.028
3	64QAM	8	7	14.47	0.028	14.54	0.028	14.55	0.029
3	64QAM	15	0	14.42	0.028	14.41	0.028	14.44	0.028



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	16.40	0.044	16.40	0.044	16.49	0.045
1.4	QPSK	1	3	16.43	0.044	16.45	0.044	16.46	0.044
1.4	QPSK	1	5	16.30	0.043	16.37	0.043	16.42	0.044
1.4	QPSK	3	0	16.25	0.042	16.29	0.043	16.37	0.043
1.4	QPSK	3	1	16.34	0.043	16.35	0.043	16.36	0.043
1.4	QPSK	3	3	16.28	0.042	16.34	0.043	16.37	0.043
1.4	QPSK	6	0	15.40	0.035	15.49	0.035	15.51	0.036
1.4	16QAM	1	0	15.58	0.036	15.50	0.035	15.61	0.036
1.4	16QAM	1	3	15.39	0.035	15.36	0.034	15.45	0.035
1.4	16QAM	1	5	15.19	0.033	15.22	0.033	15.31	0.034
1.4	16QAM	3	0	15.40	0.035	15.43	0.035	15.46	0.035
1.4	16QAM	3	1	15.39	0.035	15.40	0.035	15.49	0.035
1.4	16QAM	3	3	15.49	0.035	15.54	0.036	15.59	0.036
1.4	16QAM	6	0	14.52	0.028	14.57	0.029	14.58	0.029
1.4	64QAM	1	0	14.55	0.029	14.48	0.028	14.56	0.029
1.4	64QAM	1	3	14.50	0.028	14.50	0.028	14.59	0.029
1.4	64QAM	1	5	14.22	0.026	14.20	0.026	14.30	0.027
1.4	64QAM	3	0	14.42	0.028	14.44	0.028	14.53	0.028
1.4	64QAM	3	1	14.38	0.027	14.37	0.027	14.46	0.028
1.4	64QAM	3	3	14.50	0.028	14.41	0.028	14.51	0.028
1.4	64QAM	6	0	14.45	0.028	14.42	0.028	14.49	0.028



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	20.99	0.126	21.03	0.127	21.01	0.126
20	QPSK	1	49	20.86	0.122	20.99	0.126	20.83	0.121
20	QPSK	1	99	20.98	0.125	20.95	0.124	20.77	0.119
20	QPSK	50	0	19.98	0.100	20.05	0.101	20.00	0.100
20	QPSK	50	24	20.01	0.100	20.02	0.100	19.88	0.097
20	QPSK	50	50	19.98	0.100	19.91	0.098	19.84	0.096
20	QPSK	100	0	20.01	0.100	20.04	0.101	19.91	0.098
20	16QAM	1	0	20.11	0.103	20.12	0.103	20.00	0.100
20	16QAM	1	49	20.01	0.100	20.04	0.101	20.08	0.102
20	16QAM	1	99	19.93	0.098	19.97	0.099	19.94	0.099
20	16QAM	50	0	19.12	0.082	19.19	0.083	19.00	0.079
20	16QAM	50	24	19.20	0.083	19.15	0.082	19.17	0.083
20	16QAM	50	50	19.02	0.080	19.07	0.081	19.00	0.079
20	16QAM	100	0	19.11	0.081	19.12	0.082	19.06	0.081
20	64QAM	1	0	19.16	0.082	19.23	0.084	19.14	0.082
20	64QAM	1	49	18.98	0.079	19.06	0.081	19.09	0.081
20	64QAM	1	99	19.05	0.080	19.07	0.081	19.08	0.081
20	64QAM	50	0	19.04	0.080	19.09	0.081	19.04	0.080
20	64QAM	50	24	19.08	0.081	19.04	0.080	19.00	0.079
20	64QAM	50	50	18.95	0.079	19.02	0.080	18.89	0.077
20	64QAM	100	0	18.87	0.077	19.05	0.080	18.91	0.078



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	20.74	0.119	20.99	0.126	20.90	0.123
15	QPSK	1	37	20.82	0.121	20.96	0.125	20.75	0.119
15	QPSK	1	74	20.89	0.123	20.85	0.122	20.74	0.119
15	QPSK	36	0	20.00	0.100	20.08	0.102	19.97	0.099
15	QPSK	36	20	20.09	0.102	20.05	0.101	19.93	0.098
15	QPSK	36	39	20.08	0.102	19.95	0.099	19.93	0.098
15	QPSK	75	0	19.95	0.099	19.87	0.097	19.89	0.097
15	16QAM	1	0	20.10	0.102	20.08	0.102	19.93	0.098
15	16QAM	1	37	19.94	0.099	19.97	0.099	20.00	0.100
15	16QAM	1	74	19.90	0.098	19.90	0.098	19.87	0.097
15	16QAM	36	0	19.11	0.081	19.17	0.083	18.93	0.078
15	16QAM	36	20	19.10	0.081	19.12	0.082	19.14	0.082
15	16QAM	36	39	18.98	0.079	19.05	0.080	18.98	0.079
15	16QAM	75	0	19.07	0.081	19.03	0.080	18.97	0.079
15	64QAM	1	0	19.10	0.081	19.13	0.082	19.05	0.080
15	64QAM	1	37	18.90	0.078	19.04	0.080	19.07	0.081
15	64QAM	1	74	19.04	0.080	19.00	0.079	19.04	0.080
15	64QAM	36	0	18.94	0.078	19.02	0.080	18.94	0.078
15	64QAM	36	20	19.04	0.080	18.94	0.078	18.92	0.078
15	64QAM	36	39	18.93	0.078	19.00	0.079	18.84	0.077
15	64QAM	75	0	18.81	0.076	19.04	0.080	18.90	0.078



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	20.81	0.121	20.98	0.125	20.86	0.122
10	QPSK	1	25	20.83	0.121	20.97	0.125	20.78	0.120
10	QPSK	1	49	20.94	0.124	20.87	0.122	20.79	0.120
10	QPSK	25	0	20.03	0.101	20.14	0.103	20.00	0.100
10	QPSK	25	12	20.10	0.102	20.10	0.102	19.92	0.098
10	QPSK	25	25	20.07	0.102	19.95	0.099	19.89	0.097
10	QPSK	50	0	20.05	0.101	20.05	0.101	20.00	0.100
10	16QAM	1	0	20.05	0.101	20.07	0.102	19.99	0.100
10	16QAM	1	25	19.98	0.100	19.98	0.100	20.04	0.101
10	16QAM	1	49	19.90	0.098	19.94	0.099	19.93	0.098
10	16QAM	25	0	19.06	0.081	19.15	0.082	18.95	0.079
10	16QAM	25	12	19.13	0.082	19.12	0.082	19.14	0.082
10	16QAM	25	25	18.92	0.078	19.03	0.080	18.91	0.078
10	16QAM	50	0	19.05	0.080	19.06	0.081	19.00	0.079
10	64QAM	1	0	19.13	0.082	19.22	0.084	19.10	0.081
10	64QAM	1	25	18.97	0.079	18.98	0.079	19.08	0.081
10	64QAM	1	49	19.03	0.080	19.03	0.080	19.06	0.081
10	64QAM	25	0	18.98	0.079	19.06	0.081	19.02	0.080
10	64QAM	25	12	19.07	0.081	19.02	0.080	18.96	0.079
10	64QAM	25	25	18.85	0.077	18.94	0.078	18.81	0.076
10	64QAM	50	0	18.86	0.077	19.02	0.080	18.90	0.078



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	20.73	0.118	20.98	0.125	20.91	0.123
5	QPSK	1	12	20.80	0.120	20.97	0.125	20.79	0.120
5	QPSK	1	24	20.89	0.123	20.90	0.123	20.74	0.119
5	QPSK	12	0	20.01	0.100	20.11	0.103	20.02	0.100
5	QPSK	12	7	19.99	0.100	19.94	0.099	19.86	0.097
5	QPSK	12	13	19.90	0.098	19.89	0.097	19.74	0.094
5	QPSK	25	0	20.00	0.100	19.94	0.099	19.87	0.097
5	16QAM	1	0	20.08	0.102	20.11	0.103	19.95	0.099
5	16QAM	1	12	20.00	0.100	20.02	0.100	20.03	0.101
5	16QAM	1	24	19.92	0.098	19.87	0.097	19.84	0.096
5	16QAM	12	0	19.07	0.081	19.11	0.081	18.96	0.079
5	16QAM	12	7	19.16	0.082	19.12	0.082	19.13	0.082
5	16QAM	12	13	18.99	0.079	19.02	0.080	18.97	0.079
5	16QAM	25	0	19.02	0.080	19.05	0.080	19.01	0.080
5	64QAM	1	0	19.13	0.082	19.21	0.083	19.10	0.081
5	64QAM	1	12	18.94	0.078	19.00	0.079	19.04	0.080
5	64QAM	1	24	19.01	0.080	19.03	0.080	19.07	0.081
5	64QAM	12	0	18.95	0.079	19.04	0.080	19.03	0.080
5	64QAM	12	7	19.07	0.081	19.00	0.079	18.99	0.079
5	64QAM	12	13	18.88	0.077	18.95	0.079	18.83	0.076
5	64QAM	25	0	18.79	0.076	18.95	0.079	18.83	0.076



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	/	/	21.15	0.130	/	/
10	QPSK	1	25	/	/	21.04	0.127	/	/
10	QPSK	1	49	/	/	21.00	0.126	/	/
10	QPSK	25	0	/	/	20.29	0.107	/	/
10	QPSK	25	12	/	/	20.26	0.106	/	/
10	QPSK	25	25	/	/	20.22	0.105	/	/
10	QPSK	50	0	/	/	20.28	0.107	/	/
10	16QAM	1	0	/	/	20.25	0.106	/	/
10	16QAM	1	25	/	/	20.39	0.109	/	/
10	16QAM	1	49	/	/	20.19	0.104	/	/
10	16QAM	25	0	/	/	19.24	0.084	/	/
10	16QAM	25	12	/	/	19.28	0.085	/	/
10	16QAM	25	25	/	/	19.28	0.085	/	/
10	16QAM	50	0	/	/	19.35	0.086	/	/
10	64QAM	1	0	/	/	19.34	0.086	/	/
10	64QAM	1	25	/	/	19.28	0.085	/	/
10	64QAM	1	49	/	/	19.38	0.087	/	/
10	64QAM	25	0	/	/	19.07	0.081	/	/
10	64QAM	25	12	/	/	19.12	0.082	/	/
10	64QAM	25	25	/	/	19.18	0.083	/	/
10	64QAM	50	0	/	/	19.02	0.080	/	/



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	20.93	0.124	20.96	0.125	20.87	0.122
5	QPSK	1	12	20.72	0.118	21.08	0.128	20.96	0.125
5	QPSK	1	24	21.09	0.129	21.01	0.126	21.09	0.129
5	QPSK	12	0	20.06	0.101	20.15	0.104	20.14	0.103
5	QPSK	12	7	20.05	0.101	20.24	0.106	20.21	0.105
5	QPSK	12	13	20.17	0.104	20.18	0.104	20.15	0.104
5	QPSK	25	0	20.09	0.102	20.15	0.104	20.11	0.103
5	16QAM	1	0	20.18	0.104	20.26	0.106	20.20	0.105
5	16QAM	1	12	20.31	0.107	20.34	0.108	20.20	0.105
5	16QAM	1	24	20.26	0.106	20.38	0.109	20.38	0.109
5	16QAM	12	0	19.05	0.080	19.10	0.081	19.13	0.082
5	16QAM	12	7	19.14	0.082	19.07	0.081	19.20	0.083
5	16QAM	12	13	19.19	0.083	19.28	0.085	19.25	0.084
5	16QAM	25	0	19.06	0.081	19.08	0.081	19.17	0.083
5	64QAM	1	0	19.12	0.082	18.88	0.077	18.94	0.078
5	64QAM	1	12	19.11	0.081	18.92	0.078	19.34	0.086
5	64QAM	1	24	19.00	0.079	19.04	0.080	19.19	0.083
5	64QAM	12	0	18.85	0.077	19.02	0.080	18.90	0.078
5	64QAM	12	7	19.05	0.080	19.07	0.081	18.97	0.079
5	64QAM	12	13	18.93	0.078	18.98	0.079	19.07	0.081
5	64QAM	25	0	18.92	0.078	18.99	0.079	18.98	0.079



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	/	/	21.10	0.129	/	/
10	QPSK	1	25	/	/	20.96	0.125	/	/
10	QPSK	1	49	/	/	20.93	0.124	/	/
10	QPSK	25	0	/	/	20.22	0.105	/	/
10	QPSK	25	12	/	/	20.17	0.104	/	/
10	QPSK	25	25	/	/	20.09	0.102	/	/
10	QPSK	50	0	/	/	20.12	0.103	/	/
10	16QAM	1	0	/	/	20.25	0.106	/	/
10	16QAM	1	25	/	/	19.87	0.097	/	/
10	16QAM	1	49	/	/	20.11	0.103	/	/
10	16QAM	25	0	/	/	19.27	0.085	/	/
10	16QAM	25	12	/	/	19.71	0.094	/	/
10	16QAM	25	25	/	/	19.57	0.091	/	/
10	16QAM	50	0	/	/	19.66	0.092	/	/
10	64QAM	1	0	/	/	19.17	0.083	/	/
10	64QAM	1	25	/	/	19.03	0.080	/	/
10	64QAM	1	49	/	/	18.94	0.078	/	/
10	64QAM	25	0	/	/	19.16	0.082	/	/
10	64QAM	25	12	/	/	19.20	0.083	/	/
10	64QAM	25	25	/	/	19.08	0.081	/	/
10	64QAM	50	0	/	/	19.14	0.082	/	/



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	20.89	0.123	20.93	0.124	21.03	0.127
5	QPSK	1	12	20.93	0.124	21.02	0.126	20.94	0.124
5	QPSK	1	24	20.80	0.120	21.02	0.126	21.05	0.127
5	QPSK	12	0	20.03	0.101	20.10	0.102	20.13	0.103
5	QPSK	12	7	20.07	0.102	20.20	0.105	20.16	0.104
5	QPSK	12	13	20.12	0.103	20.11	0.103	20.20	0.105
5	QPSK	25	0	20.07	0.102	20.09	0.102	20.10	0.102
5	16QAM	1	0	20.01	0.100	20.23	0.105	19.95	0.099
5	16QAM	1	12	20.09	0.102	20.09	0.102	19.93	0.098
5	16QAM	1	24	19.95	0.099	20.25	0.106	20.04	0.101
5	16QAM	12	0	19.22	0.084	19.24	0.084	19.43	0.088
5	16QAM	12	7	19.17	0.083	19.24	0.084	19.30	0.085
5	16QAM	12	13	19.13	0.082	19.22	0.084	19.28	0.085
5	16QAM	25	0	19.24	0.084	19.25	0.084	19.34	0.086
5	64QAM	1	0	18.93	0.078	19.24	0.084	19.29	0.085
5	64QAM	1	12	19.35	0.086	19.11	0.081	19.17	0.083
5	64QAM	1	24	19.39	0.087	19.10	0.081	19.14	0.082
5	64QAM	12	0	19.04	0.080	19.11	0.081	19.15	0.082
5	64QAM	12	7	19.10	0.081	19.12	0.082	19.14	0.082
5	64QAM	12	13	19.13	0.082	19.09	0.081	19.11	0.081
5	64QAM	25	0	19.06	0.081	19.17	0.083	19.10	0.081



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	20.96	0.125	21.02	0.126	20.85	0.122
20	QPSK	1	49	20.87	0.122	20.77	0.119	20.75	0.119
20	QPSK	1	99	20.96	0.125	20.92	0.124	20.74	0.119
20	QPSK	50	0	20.19	0.104	20.20	0.105	20.03	0.101
20	QPSK	50	24	20.15	0.104	20.06	0.101	19.88	0.097
20	QPSK	50	50	20.17	0.104	20.02	0.100	19.75	0.094
20	QPSK	100	0	20.16	0.104	20.18	0.104	20.05	0.101
20	16QAM	1	0	20.24	0.106	20.20	0.105	20.15	0.104
20	16QAM	1	49	20.17	0.104	20.14	0.103	20.10	0.102
20	16QAM	1	99	20.10	0.102	20.19	0.104	20.07	0.102
20	16QAM	50	0	19.25	0.084	19.07	0.081	18.92	0.078
20	16QAM	50	24	19.19	0.083	19.10	0.081	18.95	0.079
20	16QAM	50	50	19.16	0.082	18.95	0.079	18.91	0.078
20	16QAM	100	0	19.07	0.081	19.10	0.081	19.05	0.080
20	64QAM	1	0	19.15	0.082	19.13	0.082	19.07	0.081
20	64QAM	1	49	19.14	0.082	19.04	0.080	18.97	0.079
20	64QAM	1	99	19.08	0.081	19.08	0.081	19.02	0.080
20	64QAM	50	0	19.20	0.083	19.01	0.080	18.78	0.076
20	64QAM	50	24	19.10	0.081	19.04	0.080	18.96	0.079
20	64QAM	50	50	18.97	0.079	18.99	0.079	18.90	0.078
20	64QAM	100	0	19.16	0.082	19.15	0.082	19.05	0.080



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	20.91	0.123	21.01	0.126	20.76	0.119
15	QPSK	1	37	20.86	0.122	20.75	0.119	20.76	0.119
15	QPSK	1	74	20.87	0.122	20.82	0.121	20.73	0.118
15	QPSK	36	0	20.08	0.102	20.16	0.104	19.92	0.098
15	QPSK	36	20	20.04	0.101	20.02	0.100	19.82	0.096
15	QPSK	36	39	20.16	0.104	19.99	0.100	19.73	0.094
15	QPSK	75	0	20.07	0.102	19.99	0.100	19.78	0.095
15	16QAM	1	0	20.20	0.105	20.09	0.102	20.09	0.102
15	16QAM	1	37	20.08	0.102	20.12	0.103	20.00	0.100
15	16QAM	1	74	20.06	0.101	20.09	0.102	19.95	0.099
15	16QAM	36	0	19.18	0.083	18.99	0.079	18.87	0.077
15	16QAM	36	20	19.18	0.083	19.04	0.080	18.92	0.078
15	16QAM	36	39	19.05	0.080	18.86	0.077	18.90	0.078
15	16QAM	75	0	19.03	0.080	19.09	0.081	19.02	0.080
15	64QAM	1	0	19.04	0.080	19.07	0.081	18.97	0.079
15	64QAM	1	37	19.11	0.081	19.00	0.079	18.88	0.077
15	64QAM	1	74	19.05	0.080	18.97	0.079	18.98	0.079
15	64QAM	36	0	19.08	0.081	18.91	0.078	18.73	0.075
15	64QAM	36	20	18.99	0.079	18.94	0.078	18.92	0.078
15	64QAM	36	39	18.92	0.078	18.91	0.078	18.86	0.077
15	64QAM	75	0	19.09	0.081	19.03	0.080	19.03	0.080



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	20.87	0.122	20.97	0.125	20.76	0.119
10	QPSK	1	25	20.79	0.120	20.73	0.118	20.75	0.119
10	QPSK	1	49	20.92	0.124	20.82	0.121	20.77	0.119
10	QPSK	25	0	20.15	0.104	20.12	0.103	19.86	0.097
10	QPSK	25	12	20.14	0.103	20.05	0.101	19.78	0.095
10	QPSK	25	25	20.16	0.104	20.00	0.100	19.73	0.094
10	QPSK	50	0	20.12	0.103	20.06	0.101	19.80	0.095
10	16QAM	1	0	20.20	0.105	20.11	0.103	20.08	0.102
10	16QAM	1	25	20.11	0.103	20.04	0.101	20.01	0.100
10	16QAM	1	49	20.07	0.102	20.18	0.104	20.01	0.100
10	16QAM	25	0	19.14	0.082	18.99	0.079	18.83	0.076
10	16QAM	25	12	19.16	0.082	19.05	0.080	18.84	0.077
10	16QAM	25	25	19.09	0.081	18.88	0.077	18.81	0.076
10	16QAM	50	0	18.97	0.079	19.06	0.081	19.03	0.080
10	64QAM	1	0	19.10	0.081	19.03	0.080	19.01	0.080
10	64QAM	1	25	19.11	0.081	18.96	0.079	18.88	0.077
10	64QAM	1	49	18.96	0.079	19.00	0.079	18.92	0.078
10	64QAM	25	0	19.09	0.081	18.91	0.078	18.77	0.075
10	64QAM	25	12	19.06	0.081	18.94	0.078	18.94	0.078
10	64QAM	25	25	18.96	0.079	18.96	0.079	18.83	0.076
10	64QAM	50	0	19.15	0.082	19.11	0.081	19.01	0.080



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	20.85	0.122	20.99	0.126	20.84	0.121
5	QPSK	1	12	20.85	0.122	20.77	0.119	20.80	0.120
5	QPSK	1	24	20.91	0.123	20.80	0.120	20.79	0.120
5	QPSK	12	0	20.15	0.104	20.13	0.103	19.87	0.097
5	QPSK	12	7	20.07	0.102	19.98	0.100	19.84	0.096
5	QPSK	12	13	20.05	0.101	19.95	0.099	19.74	0.094
5	QPSK	25	0	20.05	0.101	20.00	0.100	19.74	0.094
5	16QAM	1	0	20.14	0.103	20.14	0.103	20.13	0.103
5	16QAM	1	12	20.07	0.102	20.03	0.101	20.03	0.101
5	16QAM	1	24	19.99	0.100	20.07	0.102	19.97	0.099
5	16QAM	12	0	19.14	0.082	19.03	0.080	18.81	0.076
5	16QAM	12	7	19.08	0.081	19.03	0.080	18.86	0.077
5	16QAM	12	13	19.08	0.081	18.88	0.077	18.83	0.076
5	16QAM	25	0	19.02	0.080	19.05	0.080	18.99	0.079
5	64QAM	1	0	19.09	0.081	19.05	0.080	18.98	0.079
5	64QAM	1	12	19.03	0.080	18.97	0.079	18.93	0.078
5	64QAM	1	24	18.98	0.079	19.06	0.081	19.00	0.079
5	64QAM	12	0	19.13	0.082	18.98	0.079	18.76	0.075
5	64QAM	12	7	18.98	0.079	18.92	0.078	18.86	0.077
5	64QAM	12	13	18.88	0.077	18.88	0.077	18.81	0.076
5	64QAM	25	0	19.08	0.081	19.10	0.081	19.02	0.080



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	20.09	0.102	20.21	0.105	20.12	0.103
20	QPSK	1	49	19.90	0.098	20.02	0.100	19.87	0.097
20	QPSK	1	99	19.98	0.100	19.98	0.100	19.95	0.099
20	QPSK	50	0	19.10	0.081	19.15	0.082	19.13	0.082
20	QPSK	50	24	19.03	0.080	19.11	0.081	19.10	0.081
20	QPSK	50	50	19.14	0.082	19.09	0.081	19.11	0.081
20	QPSK	100	0	19.10	0.081	19.15	0.082	19.12	0.082
20	16QAM	1	0	19.40	0.087	19.35	0.086	19.37	0.086
20	16QAM	1	49	19.27	0.085	19.36	0.086	19.13	0.082
20	16QAM	1	99	19.21	0.083	19.28	0.085	19.36	0.086
20	16QAM	50	0	18.21	0.066	18.14	0.065	18.13	0.065
20	16QAM	50	24	18.33	0.068	18.28	0.067	18.16	0.065
20	16QAM	50	50	18.26	0.067	18.25	0.067	18.22	0.066
20	16QAM	100	0	18.27	0.067	18.24	0.067	18.14	0.065
20	64QAM	1	0	18.50	0.071	18.47	0.070	18.48	0.070
20	64QAM	1	49	18.38	0.069	18.48	0.070	18.22	0.066
20	64QAM	1	99	18.29	0.067	18.42	0.070	18.43	0.070
20	64QAM	50	0	18.18	0.066	18.13	0.065	18.13	0.065
20	64QAM	50	24	18.25	0.067	18.23	0.067	18.15	0.065
20	64QAM	50	50	18.18	0.066	18.19	0.066	18.19	0.066
20	64QAM	100	0	18.29	0.067	18.18	0.066	18.07	0.064



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	19.80	0.095	20.00	0.100	19.96	0.099
15	QPSK	1	37	19.88	0.097	19.95	0.099	19.77	0.095
15	QPSK	1	74	19.92	0.098	19.97	0.099	19.91	0.098
15	QPSK	36	0	18.88	0.077	18.92	0.078	18.91	0.078
15	QPSK	36	20	18.94	0.078	19.07	0.081	19.09	0.081
15	QPSK	36	39	19.05	0.080	19.05	0.080	19.06	0.081
15	QPSK	75	0	18.90	0.078	18.94	0.078	19.06	0.081
15	16QAM	1	0	19.38	0.087	19.28	0.085	19.35	0.086
15	16QAM	1	37	19.22	0.084	19.32	0.086	19.09	0.081
15	16QAM	1	74	19.16	0.082	19.19	0.083	19.29	0.085
15	16QAM	36	0	18.19	0.066	18.09	0.064	18.11	0.065
15	16QAM	36	20	18.22	0.066	18.26	0.067	18.15	0.065
15	16QAM	36	39	18.20	0.066	18.16	0.065	18.14	0.065
15	16QAM	75	0	18.20	0.066	18.16	0.065	18.04	0.064
15	64QAM	1	0	18.45	0.070	18.43	0.070	18.41	0.069
15	64QAM	1	37	18.29	0.067	18.38	0.069	18.18	0.066
15	64QAM	1	74	18.18	0.066	18.37	0.069	18.41	0.069
15	64QAM	36	0	18.06	0.064	18.12	0.065	18.05	0.064
15	64QAM	36	20	18.15	0.065	18.13	0.065	18.14	0.065
15	64QAM	36	39	18.09	0.064	18.17	0.066	18.09	0.064
15	64QAM	75	0	18.27	0.067	18.16	0.065	18.00	0.063



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	19.90	0.098	20.00	0.100	19.98	0.100
10	QPSK	1	25	19.78	0.095	19.99	0.100	19.79	0.095
10	QPSK	1	49	19.88	0.097	19.92	0.098	19.86	0.097
10	QPSK	25	0	18.88	0.077	18.96	0.079	18.97	0.079
10	QPSK	25	12	18.96	0.079	19.04	0.080	19.02	0.080
10	QPSK	25	25	19.05	0.080	19.04	0.080	19.05	0.080
10	QPSK	50	0	18.96	0.079	18.85	0.077	19.11	0.081
10	16QAM	1	0	19.39	0.087	19.29	0.085	19.33	0.086
10	16QAM	1	25	19.20	0.083	19.32	0.086	19.05	0.080
10	16QAM	1	49	19.17	0.083	19.23	0.084	19.28	0.085
10	16QAM	25	0	18.09	0.064	18.11	0.065	18.05	0.064
10	16QAM	25	12	18.30	0.068	18.22	0.066	18.11	0.065
10	16QAM	25	25	18.15	0.065	18.22	0.066	18.15	0.065
10	16QAM	50	0	18.22	0.066	18.15	0.065	18.10	0.065
10	64QAM	1	0	18.38	0.069	18.45	0.070	18.38	0.069
10	64QAM	1	25	18.36	0.069	18.42	0.070	18.16	0.065
10	64QAM	1	49	18.18	0.066	18.39	0.069	18.37	0.069
10	64QAM	25	0	18.16	0.065	18.12	0.065	18.04	0.064
10	64QAM	25	12	18.21	0.066	18.20	0.066	18.05	0.064
10	64QAM	25	25	18.07	0.064	18.17	0.066	18.10	0.065
10	64QAM	50	0	18.21	0.066	18.08	0.064	18.06	0.064



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	19.86	0.097	20.03	0.101	19.97	0.099
5	QPSK	1	12	19.87	0.097	19.94	0.099	19.81	0.096
5	QPSK	1	24	19.93	0.098	19.90	0.098	19.90	0.098
5	QPSK	12	0	18.96	0.079	18.99	0.079	18.97	0.079
5	QPSK	12	7	18.97	0.079	19.07	0.081	19.01	0.080
5	QPSK	12	13	19.08	0.081	19.05	0.080	19.04	0.080
5	QPSK	25	0	18.92	0.078	18.91	0.078	19.11	0.081
5	16QAM	1	0	19.34	0.086	19.31	0.085	19.34	0.086
5	16QAM	1	12	19.15	0.082	19.32	0.086	19.07	0.081
5	16QAM	1	24	19.14	0.082	19.25	0.084	19.26	0.084
5	16QAM	12	0	18.16	0.065	18.04	0.064	18.07	0.064
5	16QAM	12	7	18.27	0.067	18.21	0.066	18.06	0.064
5	16QAM	12	13	18.14	0.065	18.23	0.067	18.18	0.066
5	16QAM	25	0	18.26	0.067	18.21	0.066	18.09	0.064
5	64QAM	1	0	18.40	0.069	18.39	0.069	18.45	0.070
5	64QAM	1	12	18.26	0.067	18.45	0.070	18.19	0.066
5	64QAM	1	24	18.20	0.066	18.34	0.068	18.41	0.069
5	64QAM	12	0	18.15	0.065	18.04	0.064	18.07	0.064
5	64QAM	12	7	18.23	0.067	18.20	0.066	18.07	0.064
5	64QAM	12	13	18.16	0.065	18.18	0.066	18.15	0.065
5	64QAM	25	0	18.17	0.066	18.17	0.066	18.02	0.063



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	19.86	0.097	19.96	0.099	19.93	0.098
3	QPSK	1	8	19.78	0.095	19.96	0.099	19.83	0.096
3	QPSK	1	14	19.88	0.097	19.89	0.097	19.94	0.099
3	QPSK	8	0	18.95	0.079	18.93	0.078	18.96	0.079
3	QPSK	8	4	18.99	0.079	19.02	0.080	19.02	0.080
3	QPSK	8	7	19.05	0.080	19.05	0.080	19.02	0.080
3	QPSK	15	0	18.94	0.078	18.85	0.077	19.02	0.080
3	16QAM	1	0	19.35	0.086	19.32	0.086	19.27	0.085
3	16QAM	1	8	19.23	0.084	19.28	0.085	19.11	0.081
3	16QAM	1	14	19.09	0.081	19.25	0.084	19.35	0.086
3	16QAM	8	0	18.11	0.065	18.11	0.065	18.06	0.064
3	16QAM	8	4	18.24	0.067	18.21	0.066	18.14	0.065
3	16QAM	8	7	18.18	0.066	18.17	0.066	18.21	0.066
3	16QAM	15	0	18.17	0.066	18.15	0.065	18.09	0.064
3	64QAM	1	0	18.49	0.071	18.40	0.069	18.47	0.070
3	64QAM	1	8	18.36	0.069	18.43	0.070	18.20	0.066
3	64QAM	1	14	18.24	0.067	18.36	0.069	18.33	0.068
3	64QAM	8	0	18.09	0.064	18.11	0.065	18.03	0.064
3	64QAM	8	4	18.24	0.067	18.13	0.065	18.14	0.065
3	64QAM	8	7	18.14	0.065	18.09	0.064	18.13	0.065
3	64QAM	15	0	18.25	0.067	18.12	0.065	18.01	0.063



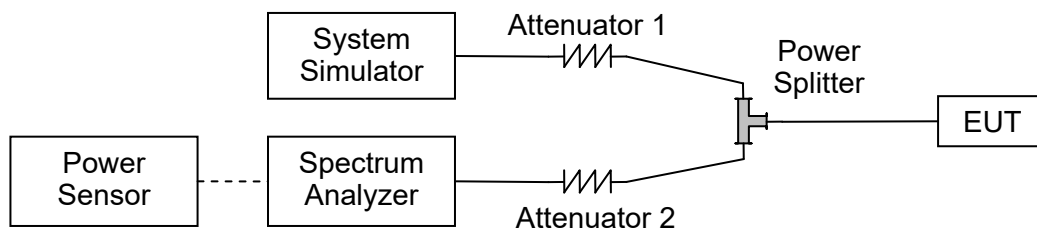
LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				131979		132322		132665	
Frequency (MHz)				1710.7		1745		1779.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	19.85	0.097	20.01	0.100	19.97	0.099
1.4	QPSK	1	3	19.88	0.097	19.96	0.099	19.85	0.097
1.4	QPSK	1	5	19.89	0.097	19.97	0.099	19.85	0.097
1.4	QPSK	3	0	19.99	0.100	19.97	0.099	20.11	0.103
1.4	QPSK	3	1	20.02	0.100	20.04	0.101	20.00	0.100
1.4	QPSK	3	3	20.07	0.102	20.04	0.101	20.01	0.100
1.4	QPSK	6	0	18.98	0.079	18.85	0.077	19.09	0.081
1.4	16QAM	1	0	19.32	0.086	19.28	0.085	19.27	0.085
1.4	16QAM	1	3	19.19	0.083	19.31	0.085	19.04	0.080
1.4	16QAM	1	5	19.19	0.083	19.26	0.084	19.30	0.085
1.4	16QAM	3	0	18.96	0.079	19.18	0.083	18.97	0.079
1.4	16QAM	3	1	19.16	0.082	19.13	0.082	18.99	0.079
1.4	16QAM	3	3	19.03	0.080	19.06	0.081	19.05	0.080
1.4	16QAM	6	0	18.20	0.066	18.16	0.065	18.17	0.066
1.4	64QAM	1	0	18.46	0.070	18.39	0.069	18.38	0.069
1.4	64QAM	1	3	18.30	0.068	18.46	0.070	18.19	0.066
1.4	64QAM	1	5	18.27	0.067	18.34	0.068	18.37	0.069
1.4	64QAM	3	0	18.20	0.066	18.15	0.065	18.11	0.065
1.4	64QAM	3	1	18.14	0.065	18.19	0.066	18.13	0.065
1.4	64QAM	3	3	18.14	0.065	18.15	0.065	18.18	0.066
1.4	64QAM	6	0	18.26	0.067	18.13	0.065	18.05	0.064

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	1.11	1.39
	Low	16QAM	1.11	1.37
	Low	64QAM	1.11	1.39
	Mid	QPSK	1.10	1.37
	Mid	16QAM	1.10	1.36
	Mid	64QAM	1.10	1.40
	High	QPSK	1.11	1.39
	High	16QAM	1.11	1.38
	High	64QAM	1.11	1.36
3	Low	QPSK	2.72	3.08
	Low	16QAM	2.72	3.05
	Low	64QAM	2.71	3.04
	Mid	QPSK	2.71	3.08
	Mid	16QAM	2.71	3.06
	Mid	64QAM	2.73	3.07
	High	QPSK	2.71	3.08
	High	16QAM	2.71	3.06
	High	64QAM	2.71	3.09
5	Low	QPSK	4.52	5.12
	Low	16QAM	4.53	5.25
	Low	64QAM	4.52	5.14
	Mid	QPSK	4.53	5.21
	Mid	16QAM	4.52	5.05
	Mid	64QAM	4.51	5.17
	High	QPSK	4.52	5.13
	High	16QAM	4.51	5.17
	High	64QAM	4.51	5.15
10	Low	QPSK	9.00	10.04
	Low	16QAM	8.99	10.01
	Low	64QAM	9.01	10.06
	Mid	QPSK	9.01	10.03
	Mid	16QAM	9.01	10.03
	Mid	64QAM	8.99	9.93
	High	QPSK	9.00	10.02
	High	16QAM	8.99	9.98
	High	64QAM	8.99	9.93



15	Low	QPSK	13.50	14.97
	Low	16QAM	13.48	14.86
	Low	64QAM	13.49	14.86
	Mid	QPSK	13.48	14.79
	Mid	16QAM	13.49	14.99
	Mid	64QAM	13.49	15.02
	High	QPSK	13.51	14.96
	High	16QAM	13.49	14.86
	High	64QAM	13.46	14.75
20	Low	QPSK	17.99	19.85
	Low	16QAM	17.99	19.84
	Low	64QAM	17.99	19.89
	Mid	QPSK	17.99	19.80
	Mid	16QAM	18.01	19.98
	Mid	64QAM	17.96	19.63
	High	QPSK	17.98	19.57
	High	16QAM	17.99	19.72
	High	64QAM	17.99	19.65



LTE Band 4				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.10	1.36
	Low	16QAM	1.11	1.37
	Low	64QAM	1.10	1.36
	Mid	QPSK	1.10	1.34
	Mid	16QAM	1.10	1.37
	Mid	64QAM	1.10	1.36
	High	QPSK	1.11	1.40
	High	16QAM	1.11	1.37
	High	64QAM	1.10	1.37
3	Low	QPSK	2.72	3.06
	Low	16QAM	2.72	3.09
	Low	64QAM	2.72	3.07
	Mid	QPSK	2.71	3.08
	Mid	16QAM	2.71	3.12
	Mid	64QAM	2.71	3.05
	High	QPSK	2.71	3.05
	High	16QAM	2.72	3.04
	High	64QAM	2.71	3.07
5	Low	QPSK	4.52	5.15
	Low	16QAM	4.52	5.19
	Low	64QAM	4.51	5.18
	Mid	QPSK	4.54	5.16
	Mid	16QAM	4.52	5.10
	Mid	64QAM	4.52	5.14
	High	QPSK	4.53	5.21
	High	16QAM	4.53	5.13
	High	64QAM	4.52	5.19
10	Low	QPSK	9.01	10.14
	Low	16QAM	9.03	10.00
	Low	64QAM	8.99	10.04
	Mid	QPSK	9.02	10.10
	Mid	16QAM	9.03	10.05
	Mid	64QAM	9.01	10.02
	High	QPSK	9.01	10.10
	High	16QAM	9.03	9.94
	High	64QAM	8.99	10.05



15	Low	QPSK	13.51	14.89
	Low	16QAM	13.52	14.98
	Low	64QAM	13.49	14.70
	Mid	QPSK	13.50	14.73
	Mid	16QAM	13.52	14.76
	Mid	64QAM	13.46	14.79
	High	QPSK	13.51	14.91
	High	16QAM	13.47	14.85
	High	64QAM	13.49	14.85
20	Low	QPSK	17.95	19.78
	Low	16QAM	17.97	19.92
	Low	64QAM	17.96	19.60
	Mid	QPSK	17.94	19.71
	Mid	16QAM	18.00	19.84
	Mid	64QAM	17.99	19.73
	High	QPSK	17.98	19.61
	High	16QAM	17.97	19.68
	High	64QAM	17.97	19.64



LTE Band 5				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.10	1.36
	Low	16QAM	1.11	1.40
	Low	64QAM	1.11	1.37
	Mid	QPSK	1.11	1.35
	Mid	16QAM	1.11	1.49
	Mid	64QAM	1.11	1.37
	High	QPSK	1.11	1.38
	High	16QAM	1.11	1.38
	High	64QAM	1.11	1.36
3	Low	QPSK	2.72	3.07
	Low	16QAM	2.72	3.12
	Low	64QAM	2.71	3.05
	Mid	QPSK	2.71	3.11
	Mid	16QAM	2.71	3.07
	Mid	64QAM	2.72	3.11
	High	QPSK	2.72	3.10
	High	16QAM	2.72	3.07
	High	64QAM	2.70	3.05
5	Low	QPSK	4.53	5.19
	Low	16QAM	4.51	5.21
	Low	64QAM	4.51	5.16
	Mid	QPSK	4.52	5.16
	Mid	16QAM	4.53	5.10
	Mid	64QAM	4.52	5.12
	High	QPSK	4.51	5.17
	High	16QAM	4.52	5.17
	High	64QAM	4.52	5.15
10	Low	QPSK	9.02	10.02
	Low	16QAM	9.00	10.04
	Low	64QAM	9.01	10.06
	Mid	QPSK	9.00	10.00
	Mid	16QAM	9.00	9.93
	Mid	64QAM	9.02	9.88
	High	QPSK	8.99	10.05
	High	16QAM	9.00	10.08
	High	64QAM	8.99	10.05



LTE Band 7				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.53	5.14
	Low	16QAM	4.53	5.14
	Low	64QAM	4.53	5.09
	Mid	QPSK	4.53	5.12
	Mid	16QAM	4.52	5.16
	Mid	64QAM	4.52	5.17
	High	QPSK	4.50	5.15
	High	16QAM	4.52	5.12
	High	64QAM	4.52	5.14
10	Low	QPSK	8.99	9.94
	Low	16QAM	9.01	9.98
	Low	64QAM	9.00	9.97
	Mid	QPSK	8.99	10.05
	Mid	16QAM	8.99	10.02
	Mid	64QAM	9.01	10.06
	High	QPSK	9.01	10.04
	High	16QAM	8.99	10.01
	High	64QAM	9.03	9.99
15	Low	QPSK	13.49	14.84
	Low	16QAM	13.51	14.83
	Low	64QAM	13.47	14.95
	Mid	QPSK	13.48	14.87
	Mid	16QAM	13.51	14.88
	Mid	64QAM	13.47	14.85
	High	QPSK	13.49	14.90
	High	16QAM	13.47	14.88
	High	64QAM	13.50	15.02
20	Low	QPSK	17.99	19.73
	Low	16QAM	17.93	19.66
	Low	64QAM	17.96	19.83
	Mid	QPSK	17.99	19.77
	Mid	16QAM	17.97	19.66
	Mid	64QAM	17.95	19.85
	High	QPSK	17.97	19.93
	High	16QAM	17.99	19.75
	High	64QAM	18.00	19.85



LTE Band 12				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.10	1.35
	Low	16QAM	1.11	1.46
	Low	64QAM	1.11	1.37
	Mid	QPSK	1.10	1.37
	Mid	16QAM	1.11	1.38
	Mid	64QAM	1.10	1.37
	High	QPSK	1.10	1.34
	High	16QAM	1.11	1.35
	High	64QAM	1.11	1.38
3	Low	QPSK	2.71	3.09
	Low	16QAM	2.73	3.11
	Low	64QAM	2.71	3.09
	Mid	QPSK	2.71	3.08
	Mid	16QAM	2.72	3.06
	Mid	64QAM	2.72	3.04
	High	QPSK	2.71	3.06
	High	16QAM	2.72	3.09
	High	64QAM	2.72	3.08
5	Low	QPSK	4.53	5.14
	Low	16QAM	4.54	5.08
	Low	64QAM	4.54	5.18
	Mid	QPSK	4.52	5.20
	Mid	16QAM	4.53	5.10
	Mid	64QAM	4.53	5.13
	High	QPSK	4.52	5.14
	High	16QAM	4.51	5.10
	High	64QAM	4.53	5.16
10	Low	QPSK	8.98	9.96
	Low	16QAM	9.01	10.09
	Low	64QAM	9.01	10.04
	Mid	QPSK	8.98	9.99
	Mid	16QAM	8.99	9.95
	Mid	64QAM	9.02	9.86
	High	QPSK	8.99	10.03
	High	16QAM	8.99	9.97
	High	64QAM	8.99	9.92



LTE Band 17				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.46	4.94
	Low	16QAM	4.55	5.14
	Low	64QAM	4.52	5.09
	Mid	QPSK	4.52	5.16
	Mid	16QAM	4.53	5.13
	Mid	64QAM	4.52	5.18
	High	QPSK	4.50	5.12
	High	16QAM	4.51	5.18
	High	64QAM	4.53	5.10
10	Low	QPSK	9.02	10.02
	Low	16QAM	9.01	10.03
	Low	64QAM	9.02	10.09
	Mid	QPSK	8.97	10.09
	Mid	16QAM	9.02	10.11
	Mid	64QAM	9.03	9.90
	High	QPSK	8.97	9.98
	High	16QAM	9.02	10.00
	High	64QAM	8.99	9.99



LTE Band 18				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.53	5.18
	Low	16QAM	4.52	5.07
	Low	64QAM	4.52	5.08
	Mid	QPSK	4.52	5.12
	Mid	16QAM	4.53	5.14
	Mid	64QAM	4.52	5.16
	High	QPSK	4.50	5.17
	High	16QAM	4.52	5.17
	High	64QAM	4.53	5.14



LTE Band 19				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.54	5.18
	Low	16QAM	4.52	5.15
	Low	64QAM	4.51	5.18
	Mid	QPSK	4.54	5.14
	Mid	16QAM	4.51	5.10
	Mid	64QAM	4.51	5.12
	High	QPSK	4.52	5.18
	High	16QAM	4.52	5.08
	High	64QAM	4.51	5.15
10	Low	QPSK	9.00	10.11
	Low	16QAM	9.01	9.97
	Low	64QAM	8.99	9.99
	Mid	QPSK	9.01	10.03
	Mid	16QAM	9.01	10.02
	Mid	64QAM	9.00	9.95
	High	QPSK	8.99	10.04
	High	16QAM	9.01	10.02
	High	64QAM	8.99	9.95
15	Low	QPSK	13.48	14.73
	Low	16QAM	13.51	14.80
	Low	64QAM	13.47	14.91
	Mid	QPSK	13.47	14.89
	Mid	16QAM	13.45	15.00
	Mid	64QAM	13.47	14.89
	High	QPSK	13.46	14.77
	High	16QAM	13.46	14.79
	High	64QAM	13.45	14.92



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	1.36
	Low	64QAM	1.11	1.35
	Mid	QPSK	1.11	1.34
	Mid	16QAM	1.11	1.37
	Mid	64QAM	1.10	1.38
	High	QPSK	1.10	1.35
	High	16QAM	1.11	1.38
	High	64QAM	1.11	1.31
3	Low	QPSK	2.71	3.07
	Low	16QAM	2.71	3.09
	Low	64QAM	2.72	3.06
	Mid	QPSK	2.72	3.07
	Mid	16QAM	2.72	3.06
	Mid	64QAM	2.71	3.04
	High	QPSK	2.74	2.90
	High	16QAM	2.72	3.07
	High	64QAM	2.72	3.06
5	Low	QPSK	4.53	5.08
	Low	16QAM	4.52	5.15
	Low	64QAM	4.53	5.21
	Mid	QPSK	4.52	5.11
	Mid	16QAM	4.53	5.11
	Mid	64QAM	4.51	5.15
	High	QPSK	4.52	5.15
	High	16QAM	4.52	5.07
	High	64QAM	4.52	5.06
10	Low	QPSK	9.01	10.14
	Low	16QAM	9.00	9.99
	Low	64QAM	8.99	9.91
	Mid	QPSK	9.00	10.01
	Mid	16QAM	9.00	9.99
	Mid	64QAM	9.00	9.97
	High	QPSK	9.00	10.09
	High	16QAM	9.02	10.02
	High	64QAM	9.00	9.96



15	Low	QPSK	13.47	14.89
	Low	16QAM	13.48	14.91
	Low	64QAM	13.49	15.08
	Mid	QPSK	13.47	14.74
	Mid	16QAM	13.47	14.83
	Mid	64QAM	13.48	14.74
	High	QPSK	13.49	14.94
	High	16QAM	13.49	14.82
	High	64QAM	13.48	14.91



LTE Band 38				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.51	5.10
	Low	16QAM	4.50	5.10
	Low	64QAM	4.53	5.15
	Mid	QPSK	4.52	5.24
	Mid	16QAM	4.51	5.07
	Mid	64QAM	4.53	5.18
	High	QPSK	4.51	5.17
	High	16QAM	4.53	5.15
	High	64QAM	4.52	5.12
10	Low	QPSK	8.99	10.04
	Low	16QAM	9.01	9.89
	Low	64QAM	8.99	10.07
	Mid	QPSK	9.00	9.98
	Mid	16QAM	8.98	10.02
	Mid	64QAM	9.00	9.94
	High	QPSK	9.00	9.99
	High	16QAM	9.00	9.93
	High	64QAM	9.01	10.07
15	Low	QPSK	13.49	15.02
	Low	16QAM	13.49	14.79
	Low	64QAM	13.51	14.88
	Mid	QPSK	13.43	14.76
	Mid	16QAM	13.52	14.78
	Mid	64QAM	13.51	14.76
	High	QPSK	13.50	15.02
	High	16QAM	13.52	14.84
	High	64QAM	13.51	14.89
20	Low	QPSK	17.93	19.75
	Low	16QAM	17.95	19.82
	Low	64QAM	17.95	19.67
	Mid	QPSK	17.98	19.59
	Mid	16QAM	17.99	19.75
	Mid	64QAM	17.98	19.87
	High	QPSK	17.97	19.73
	High	16QAM	18.03	19.66
	High	64QAM	18.00	19.91



LTE Band 40, Block A				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.50	5.10
	Low	16QAM	4.52	5.06
	Low	64QAM	4.51	5.12
	Mid	QPSK	4.53	5.14
	Mid	16QAM	4.52	5.08
	Mid	64QAM	4.52	5.07
	High	QPSK	4.52	5.08
	High	16QAM	4.52	5.07
10	High	64QAM	4.53	5.10
	Mid	QPSK	8.99	10.02
	Mid	16QAM	9.02	10.13
	Mid	64QAM	9.01	9.94

LTE Band 40, Block B				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.52	5.05
	Low	16QAM	4.51	5.15
	Low	64QAM	4.52	5.12
	Mid	QPSK	4.52	5.07
	Mid	16QAM	4.50	5.06
	Mid	64QAM	4.50	5.12
	High	QPSK	4.52	5.10
	High	16QAM	4.51	5.03
	High	64QAM	4.51	5.13
10	Mid	QPSK	9.01	10.04
	Mid	16QAM	9.03	10.15
	Mid	64QAM	8.99	9.99



LTE Band 41				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.52	5.12
	Low	16QAM	4.52	5.03
	Low	64QAM	4.53	5.21
	Mid	QPSK	4.52	5.15
	Mid	16QAM	4.51	5.12
	Mid	64QAM	4.52	5.06
	High	QPSK	4.53	5.10
	High	16QAM	4.51	5.11
	High	64QAM	4.50	5.07
10	Low	QPSK	8.97	9.88
	Low	16QAM	8.97	10.09
	Low	64QAM	8.99	9.94
	Mid	QPSK	8.99	10.02
	Mid	16QAM	9.00	9.97
	Mid	64QAM	9.02	9.93
	High	QPSK	8.97	9.93
	High	16QAM	9.02	10.03
	High	64QAM	9.01	10.00
15	Low	QPSK	13.48	14.96
	Low	16QAM	13.47	14.76
	Low	64QAM	13.45	14.75
	Mid	QPSK	13.50	14.86
	Mid	16QAM	13.44	15.01
	Mid	64QAM	13.50	14.71
	High	QPSK	13.50	14.84
	High	16QAM	13.50	14.84
	High	64QAM	13.48	14.76
20	Low	QPSK	17.98	19.60
	Low	16QAM	17.99	19.76
	Low	64QAM	17.96	19.91
	Mid	QPSK	17.97	19.58
	Mid	16QAM	17.99	19.58
	Mid	64QAM	17.98	19.64
	High	QPSK	17.95	19.85
	High	16QAM	17.96	19.70
	High	64QAM	18.01	19.69



LTE Band 66				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.10	1.36
	Low	16QAM	1.11	1.40
	Low	64QAM	1.10	1.34
	Mid	QPSK	1.11	1.36
	Mid	16QAM	1.11	1.37
	Mid	64QAM	1.10	1.34
	High	QPSK	1.10	1.35
	High	16QAM	1.11	1.36
	High	64QAM	1.11	1.34
3	Low	QPSK	2.71	3.07
	Low	16QAM	2.71	3.08
	Low	64QAM	2.72	3.07
	Mid	QPSK	2.71	3.08
	Mid	16QAM	2.72	3.05
	Mid	64QAM	2.72	3.07
	High	QPSK	2.72	3.07
	High	16QAM	2.72	3.09
	High	64QAM	2.71	3.07
5	Low	QPSK	4.53	5.11
	Low	16QAM	4.52	5.19
	Low	64QAM	4.52	5.14
	Mid	QPSK	4.52	5.15
	Mid	16QAM	4.52	5.11
	Mid	64QAM	4.52	5.10
	High	QPSK	4.52	5.12
	High	16QAM	4.52	5.11
	High	64QAM	4.51	5.14
10	Low	QPSK	9.01	10.10
	Low	16QAM	9.02	9.99
	Low	64QAM	9.02	10.03
	Mid	QPSK	9.00	10.15
	Mid	16QAM	9.02	10.05
	Mid	64QAM	9.00	10.03
	High	QPSK	9.00	10.14
	High	16QAM	9.01	10.07
	High	64QAM	9.01	9.90



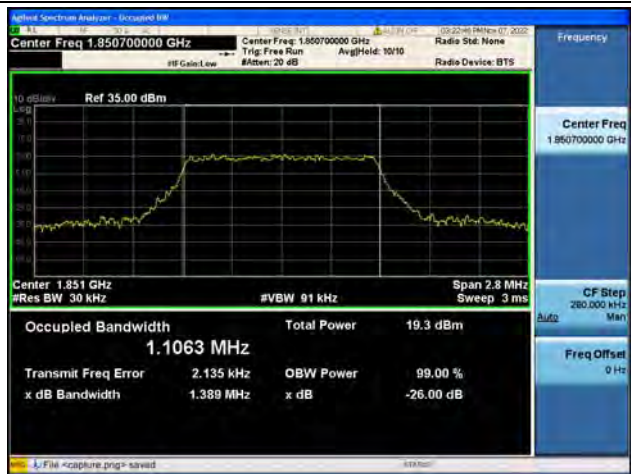
15	Low	QPSK	13.49	14.90
	Low	16QAM	13.50	15.10
	Low	64QAM	13.50	14.81
	Mid	QPSK	13.47	14.92
	Mid	16QAM	13.50	14.90
	Mid	64QAM	13.48	14.81
	High	QPSK	13.50	14.91
	High	16QAM	13.49	14.95
	High	64QAM	13.49	14.94
20	Low	QPSK	17.97	19.67
	Low	16QAM	17.98	19.70
	Low	64QAM	17.99	19.91
	Mid	QPSK	17.97	19.82
	Mid	16QAM	18.00	19.73
	Mid	64QAM	17.99	19.80
	High	QPSK	18.02	19.78
	High	16QAM	18.02	19.90
	High	64QAM	18.01	19.74



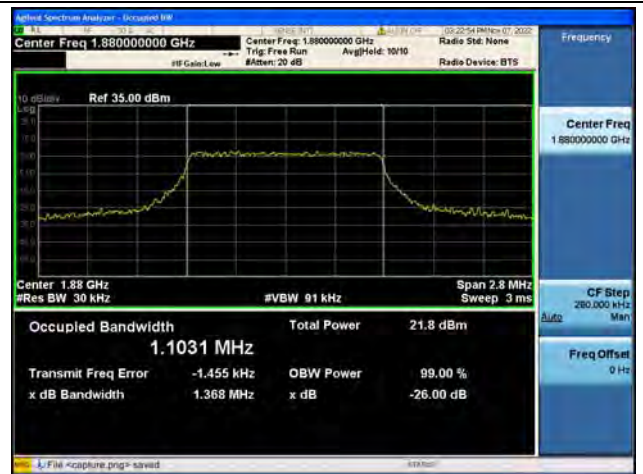
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Band2 / 1.4MHz / 16QAM/ Low CH



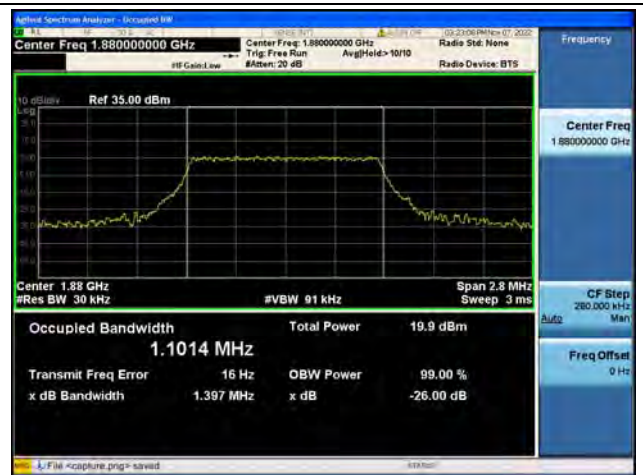
Band2 / 1.4MHz / 64QAM/ Low CH



Band2 / 1.4MHz / QPSK/ Mid CH



Band2 / 1.4MHz / 16QAM/ Mid CH



Band2 / 1.4MHz / 64QAM/ Mid CH



Band2 / 1.4MHz / QPSK/ High CH



Band2 / 1.4MHz / 16QAM/ High CH



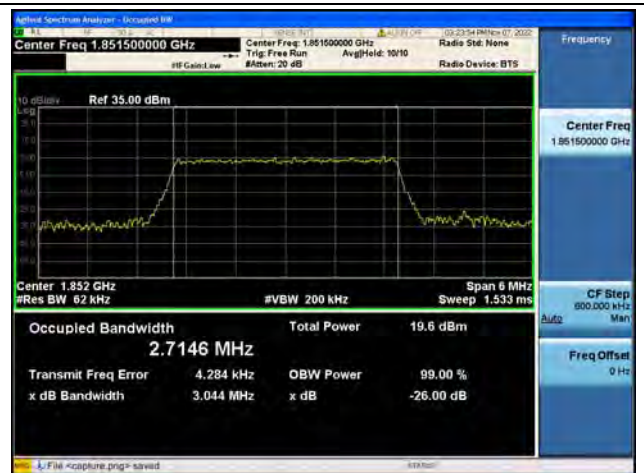
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Band2 / 3MHz / QPSK/ Low CH



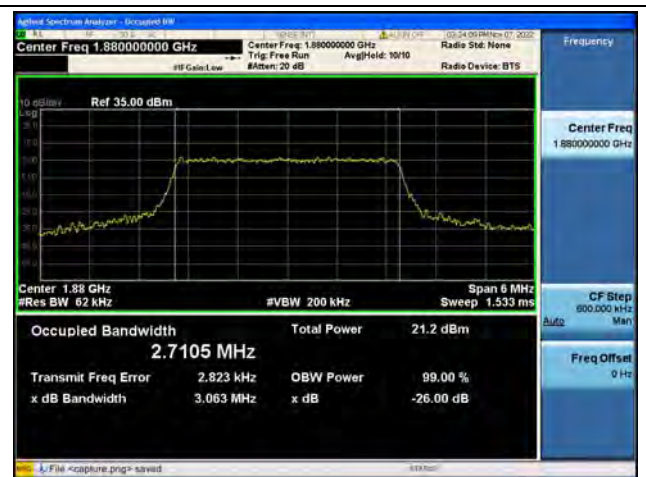
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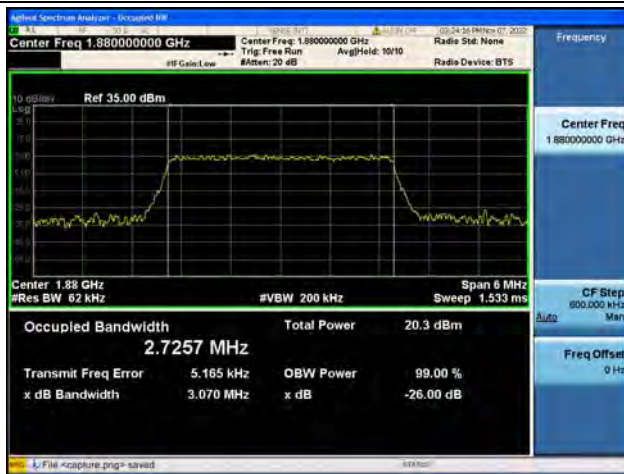
Band2 / 3MHz / 64QAM/ Low CH



Band2 / 3MHz / QPSK/ Mid CH



Band2 / 3MHz / 16QAM/ Mid CH



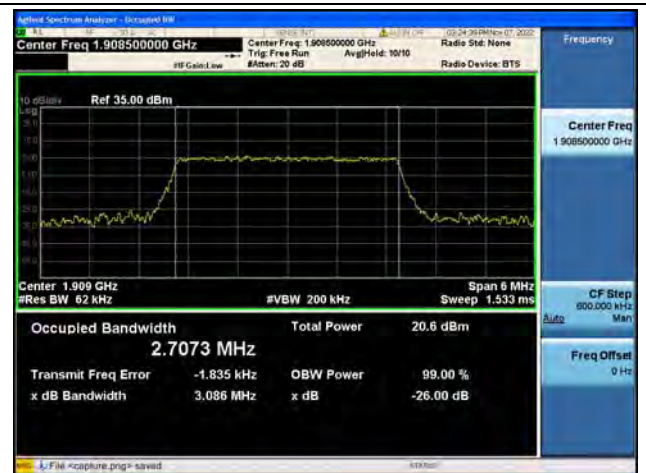
Band2 / 3MHz / 64QAM/ Mid CH



Band2 / 3MHz / QPSK/ High CH



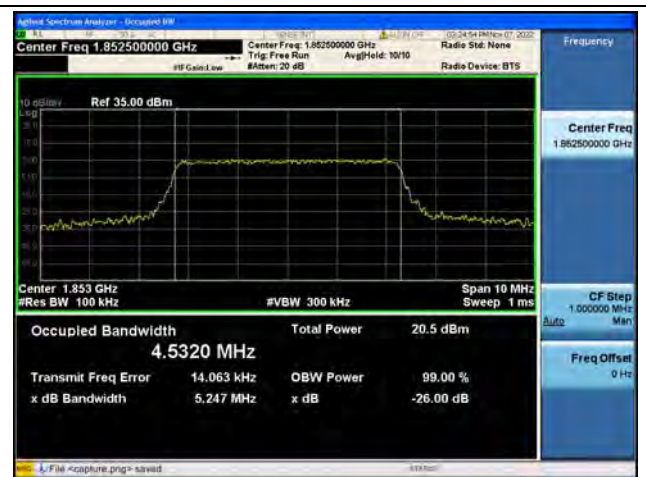
Band2 / 3MHz / 16QAM/ High CH



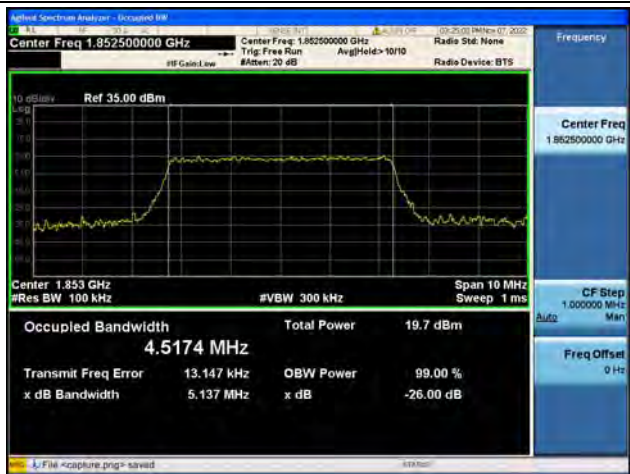
Band2 / 3MHz / 64QAM/ High CH



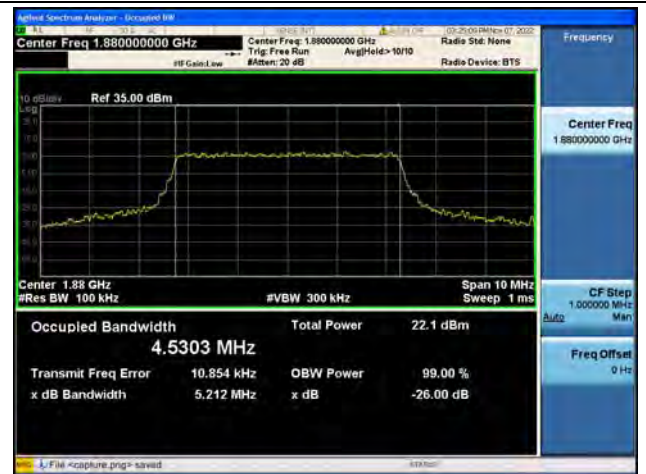
Band2 / 5MHz / QPSK/ Low CH



Band2 / 5MHz / 16QAM/ Low CH



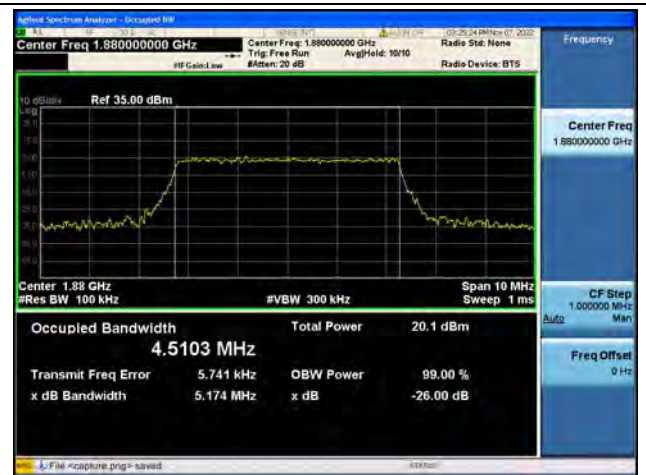
Band2 / 5MHz / 64QAM/ Low CH



Band2 / 5MHz / QPSK/ Mid CH



Band2 / 5MHz / 16QAM/ Mid CH



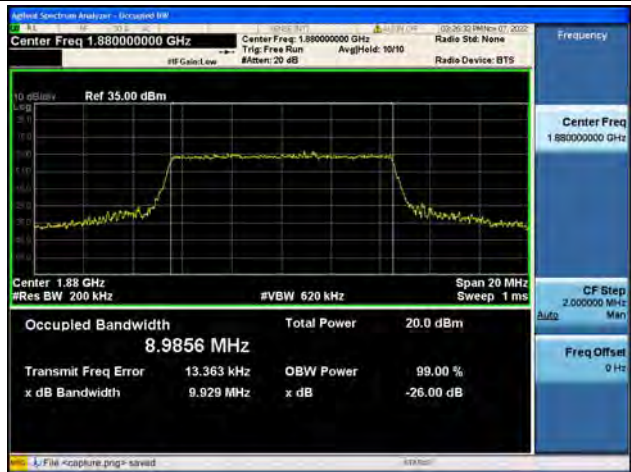
Band2 / 5MHz / 64QAM/ Mid CH



Band2 / 10MHz / QPSK/ Mid CH



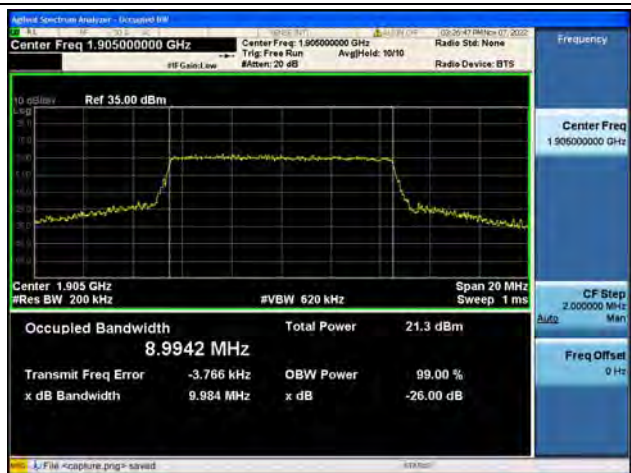
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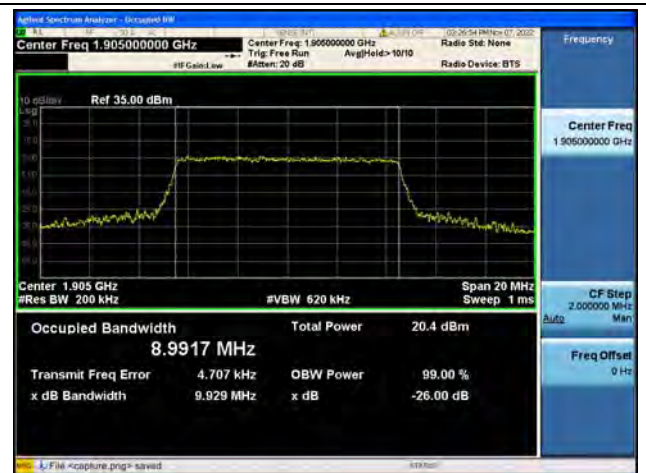
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Band2 / 10MHz / QPSK/ High CH



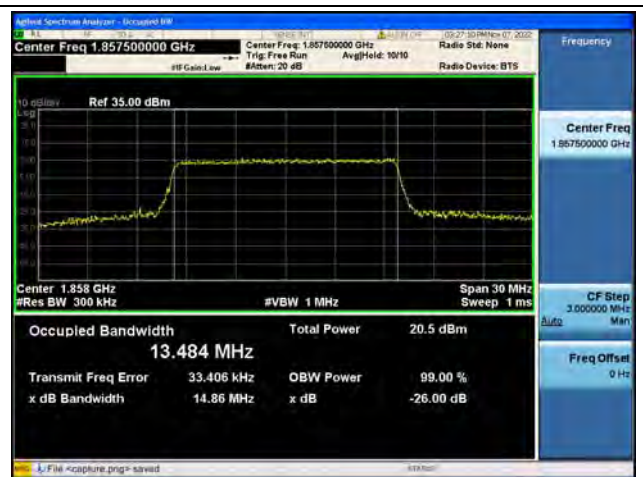
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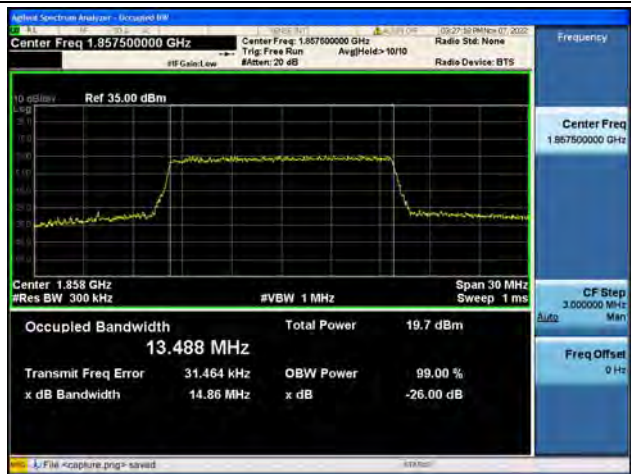
Band2 / 10MHz / 64QAM/ High CH



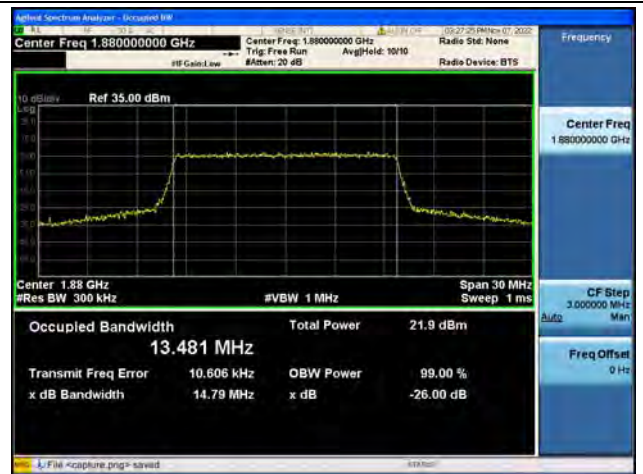
Band2 / 15MHz / QPSK/ Low CH



Band2 / 15MHz / 16QAM/ Low CH



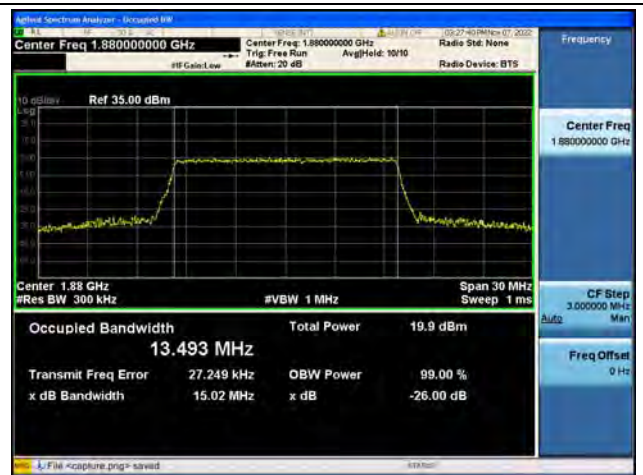
Band2 / 15MHz / 64QAM/ Low CH



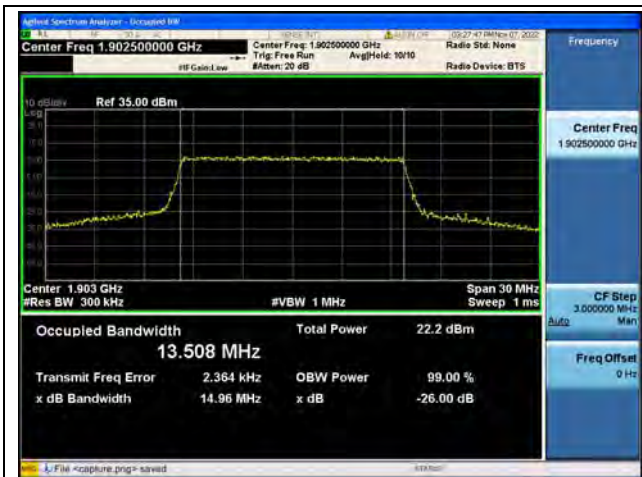
Band2 / 15MHz / QPSK/ Mid CH



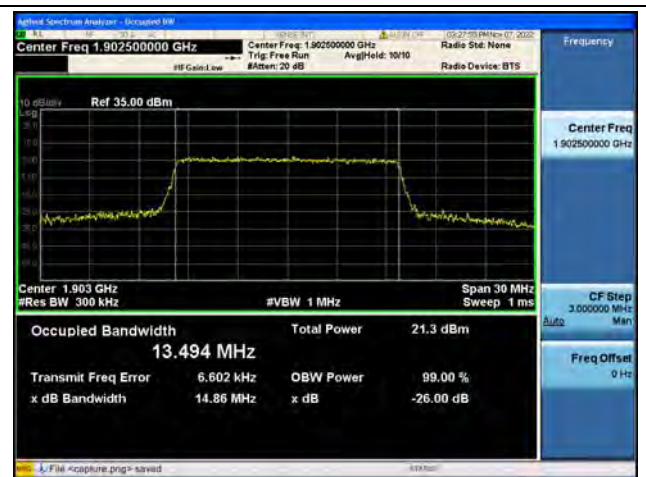
Band2 / 15MHz / 16QAM/ Mid CH



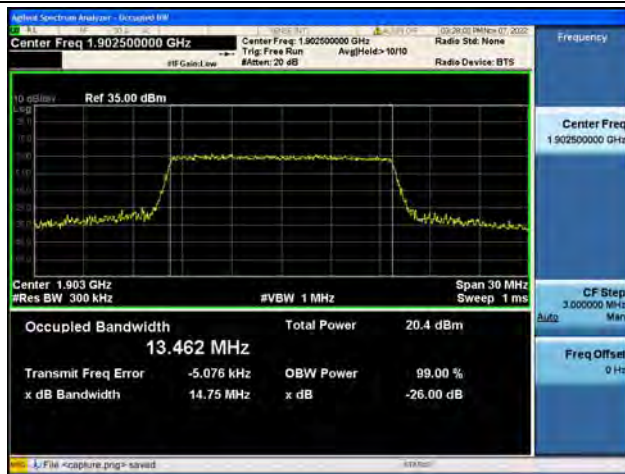
Band2 / 15MHz / 64QAM/ Mid CH



Band2 / 15MHz / QPSK/ High CH



Band2 / 15MHz / 16QAM/ High CH



Band2 / 15MHz / 64QAM/ High CH



Band2 / 20MHz / QPSK/ Low CH



Band2 / 20MHz / 16QAM/ Low CH



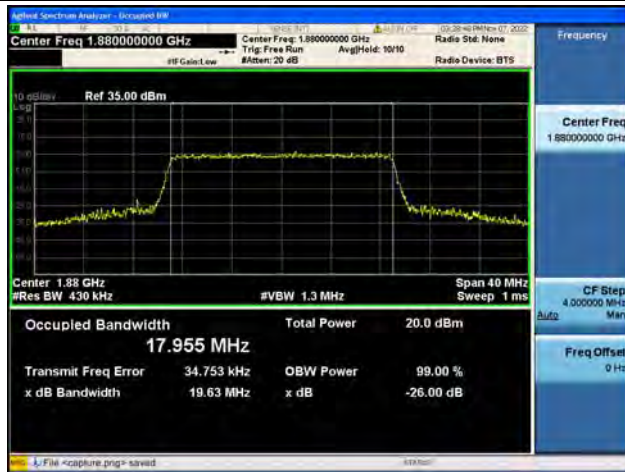
Band2 / 20MHz / 64QAM/ Low CH



Band2 / 20MHz / QPSK/ Mid CH



Band2 / 20MHz / 16QAM/ Mid CH



Band2 / 20MHz / 64QAM/ Mid CH



Band2 / 20MHz / QPSK/ High CH



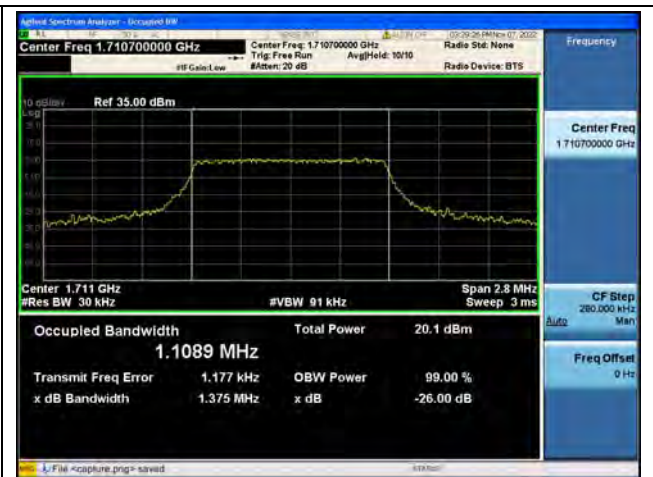
Band2 / 20MHz / 16QAM/ High CH



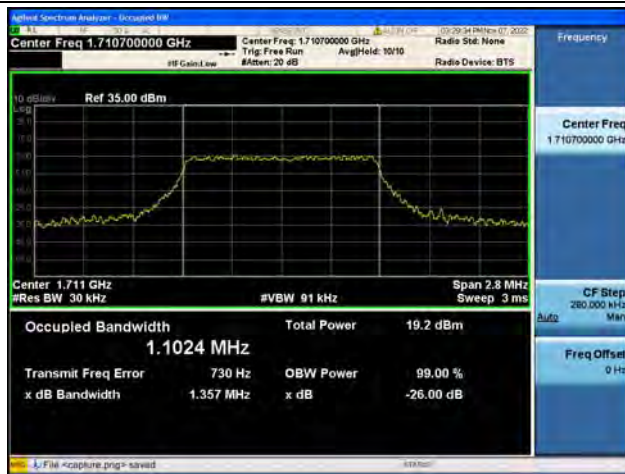
Band2 / 20MHz / 64QAM/ High CH



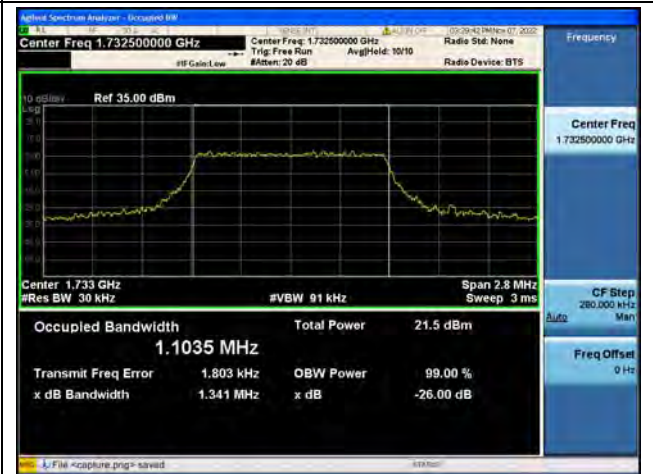
Band4 / 1.4MHz / QPSK/ Low CH



Band4 / 1.4MHz / 16QAM/ Low CH



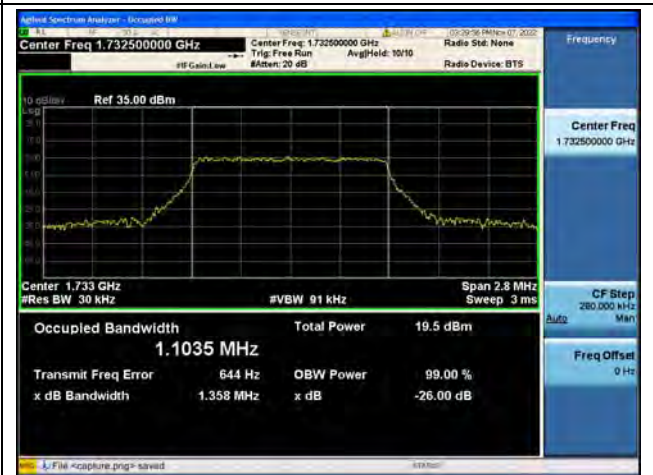
Band4 / 1.4MHz / 64QAM/ Low CH



Band4 / 1.4MHz / QPSK/ Mid CH



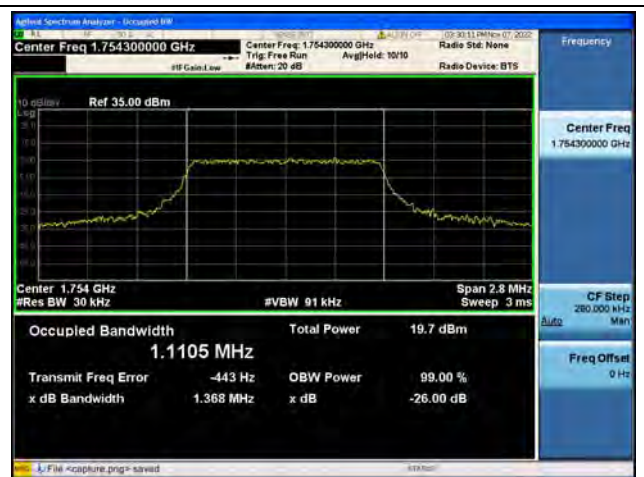
Band4 / 1.4MHz / 16QAM/ Mid CH



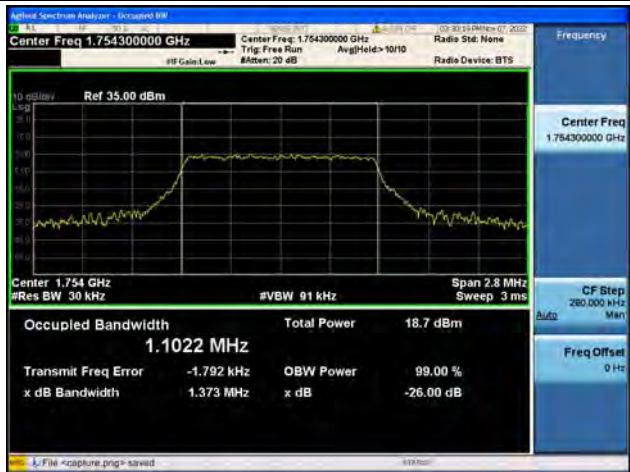
Band4 / 1.4MHz / 64QAM/ Mid CH



Band4 / 1.4MHz / QPSK/ High CH



Band4 / 1.4MHz / 16QAM/ High CH



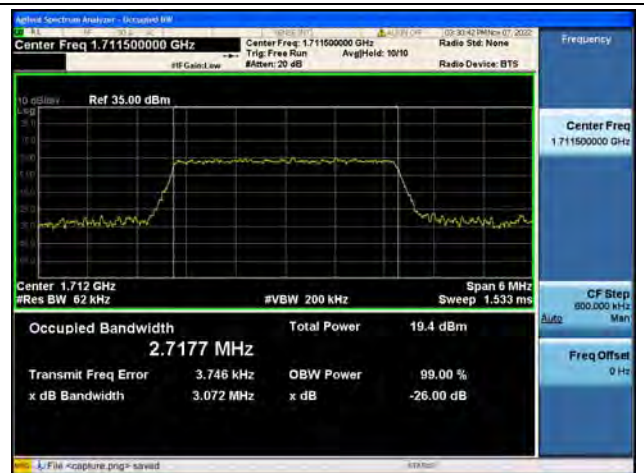
Band4 / 1.4MHz / 64QAM/ High CH



Band4 / 3MHz / QPSK/ Low CH



Band4 / 3MHz / 16QAM/ Low CH



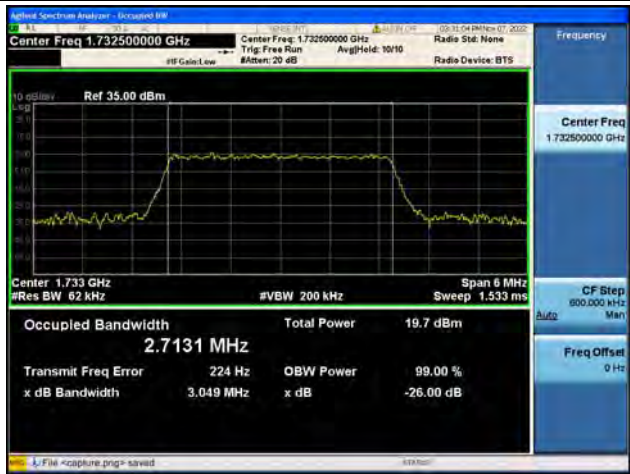
Band4 / 3MHz / 64QAM/ Low CH



Band4 / 3MHz / QPSK/ Mid CH



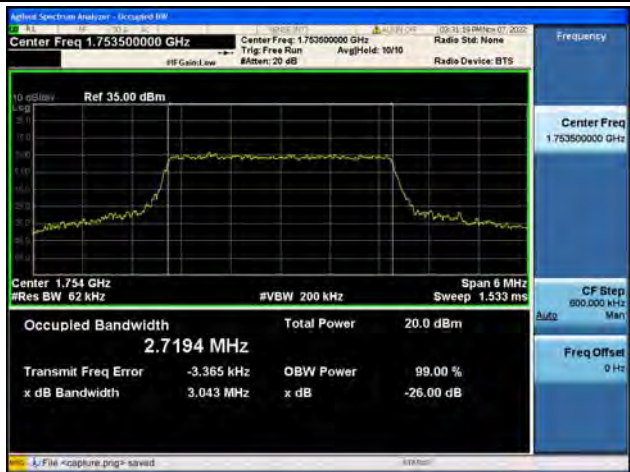
Band4 / 3MHz / 16QAM/ Mid CH



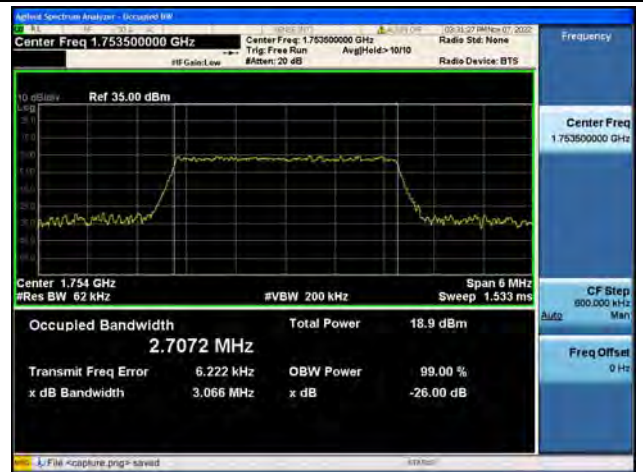
Band4 / 3MHz / 64QAM/ Mid CH



Band4 / 3MHz / QPSK/ High CH



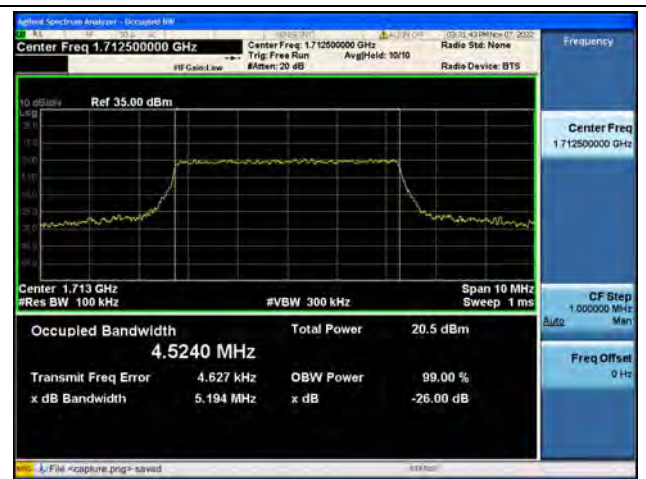
Band4 / 3MHz / 16QAM/ High CH



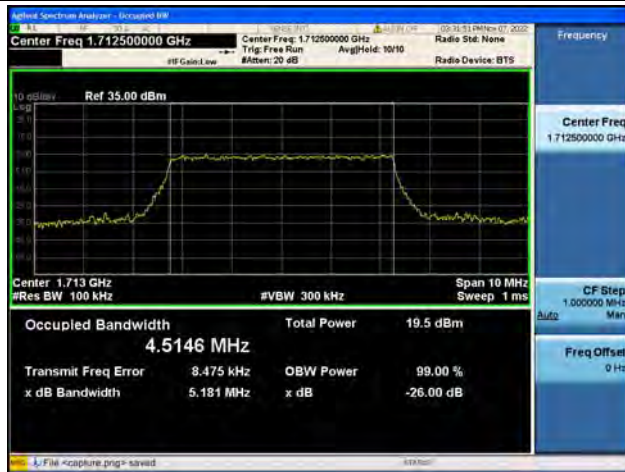
Band4 / 3MHz / 64QAM/ High CH



Band4 / 5MHz / QPSK/ Low CH



Band4 / 5MHz / 16QAM/ Low CH



Band4 / 5MHz / 64QAM/ Low CH



Band4 / 5MHz / QPSK/ Mid CH



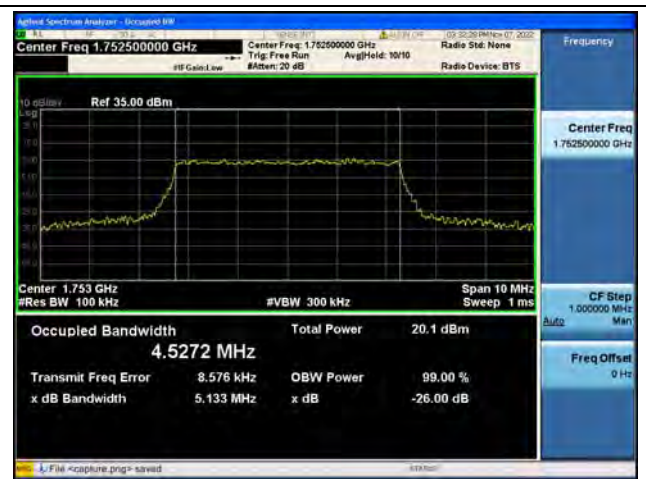
Band4 / 5MHz / 16QAM/ Mid CH



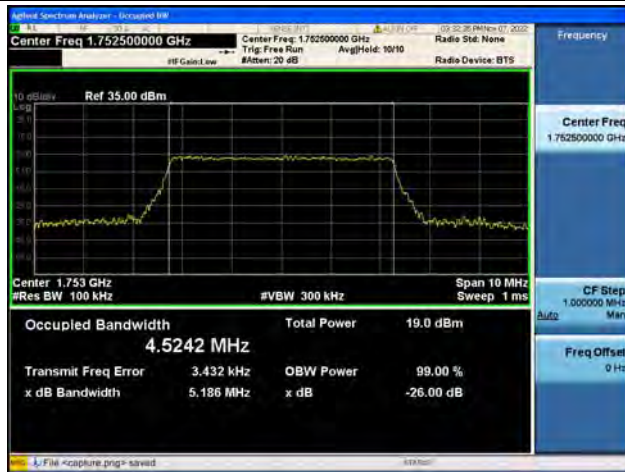
Band4 / 5MHz / 64QAM/ Mid CH



Band4 / 5MHz / QPSK / High CH



Band4 / 5MHz / 16QAM / High CH



Band4 / 5MHz / 64QAM / High CH



Band4 / 10MHz / QPSK / Low CH



Band4 / 10MHz / 16QAM / Low CH



Band4 / 10MHz / 64QAM / Low CH



Band4 / 10MHz / QPSK/ Mid CH



Band4 / 10MHz / 16QAM/ Mid CH



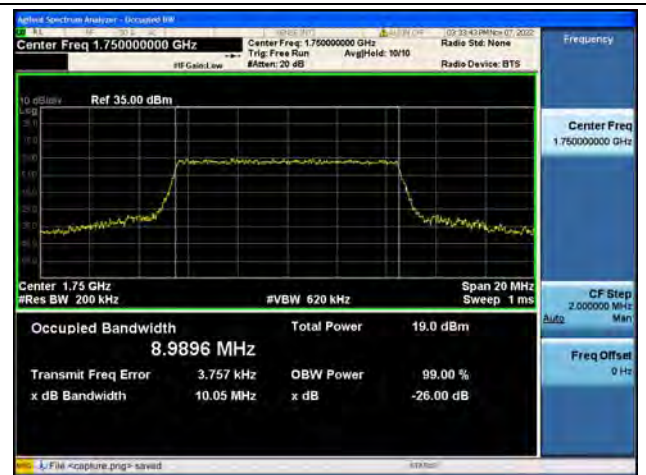
Band4 / 10MHz / 64QAM/ Mid CH



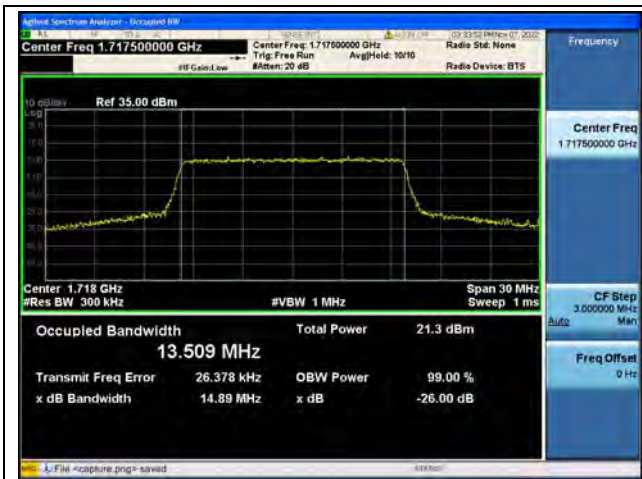
Band4 / 10MHz / QPSK/ High CH



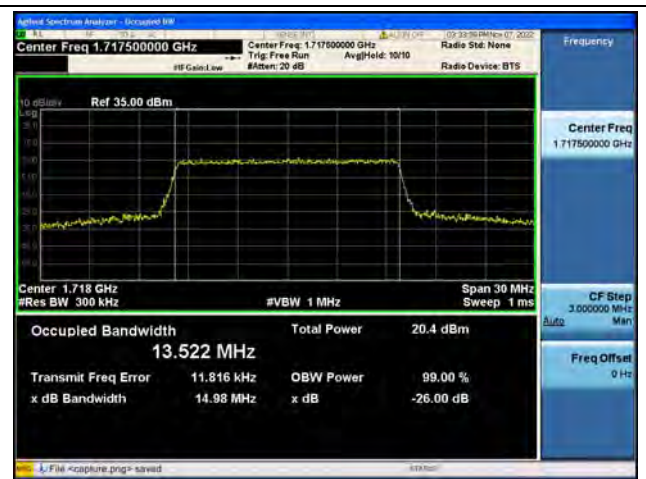
Band4 / 10MHz / 16QAM/ High CH



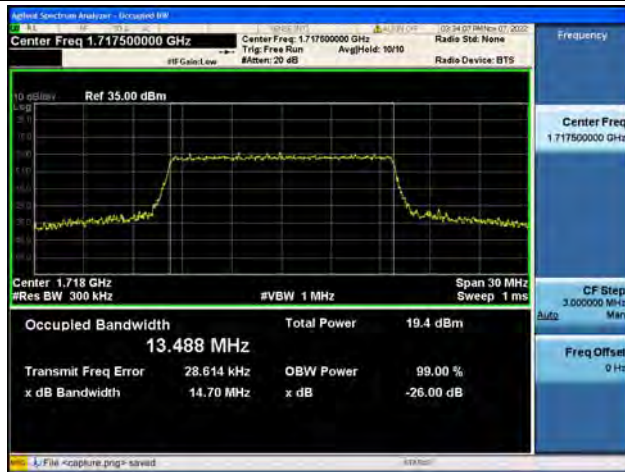
Band4 / 10MHz / 64QAM/ High CH



Band4 / 15MHz / QPSK/ Low CH



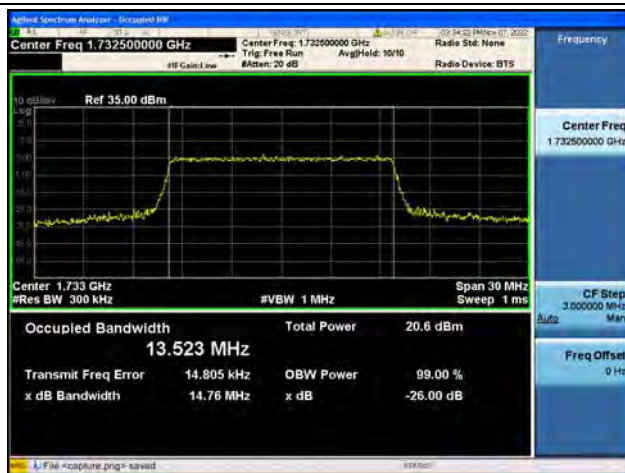
Band4 / 15MHz / 16QAM/ Low CH



Band4 / 15MHz / 64QAM/ Low CH



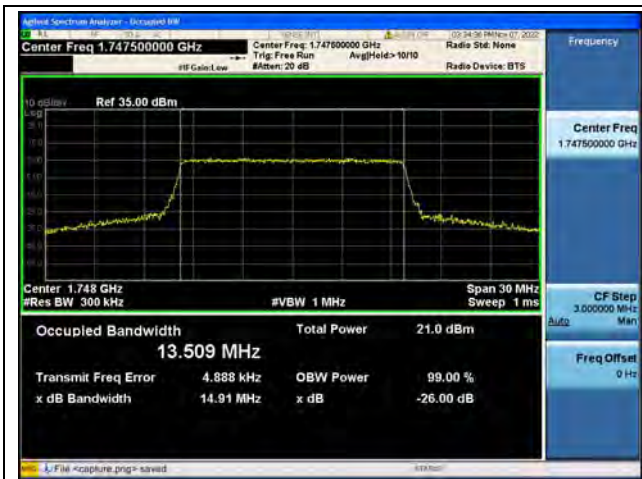
Band4 / 15MHz / QPSK/ Mid CH



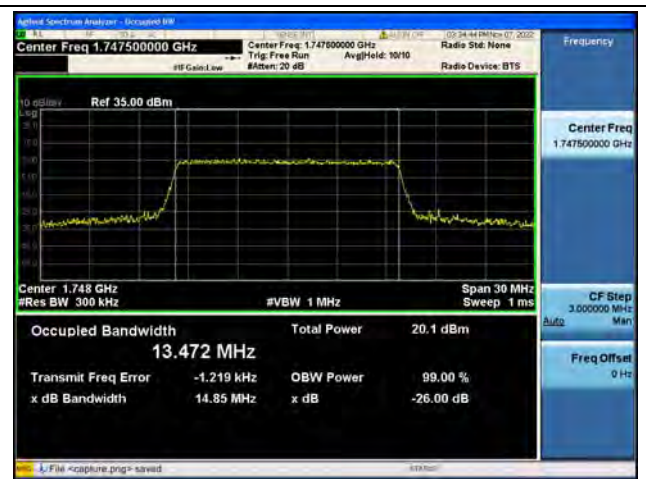
Band4 / 15MHz / 16QAM/ Mid CH



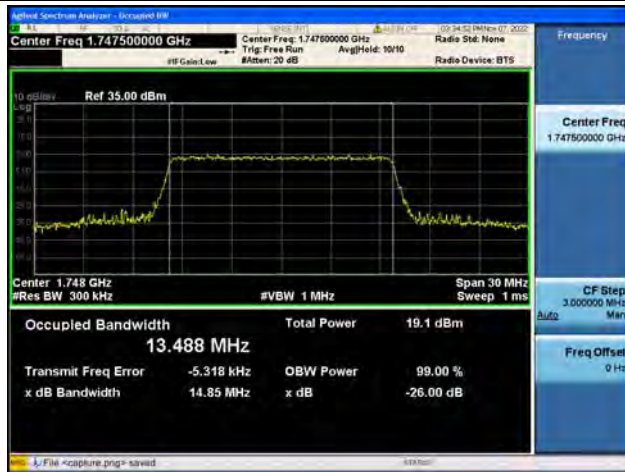
Band4 / 15MHz / 64QAM/ Mid CH



Band4 / 15MHz / QPSK/ High CH



Band4 / 15MHz / 16QAM/ High CH



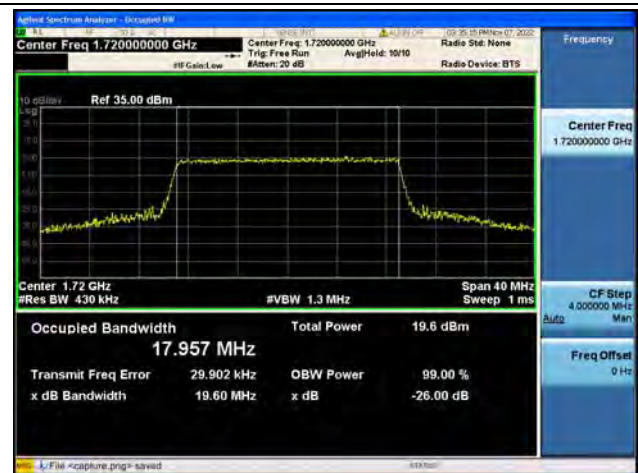
Band4 / 15MHz / 64QAM/ High CH



Band4 / 20MHz / QPSK/ Low CH



Band4 / 20MHz / 16QAM/ Low CH



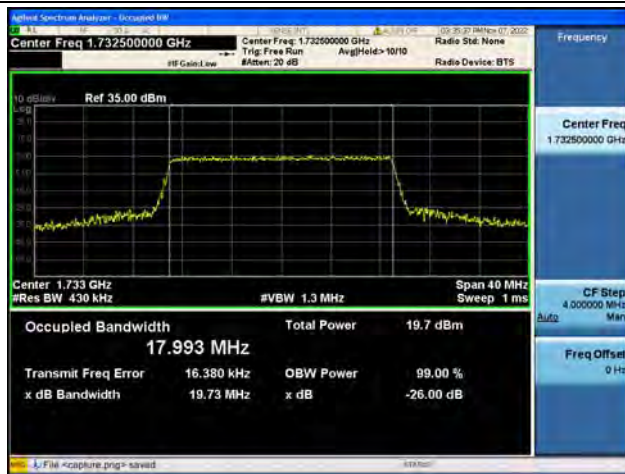
Band4 / 20MHz / 64QAM/ Low CH



Band4 / 20MHz / QPSK/ Mid CH



Band4 / 20MHz / 16QAM/ Mid CH



Band4 / 20MHz / 64QAM/ Mid CH



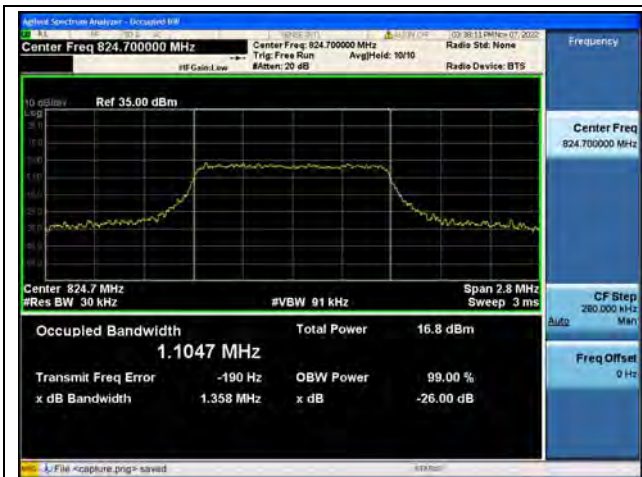
Band4 / 20MHz / QPSK/ High CH



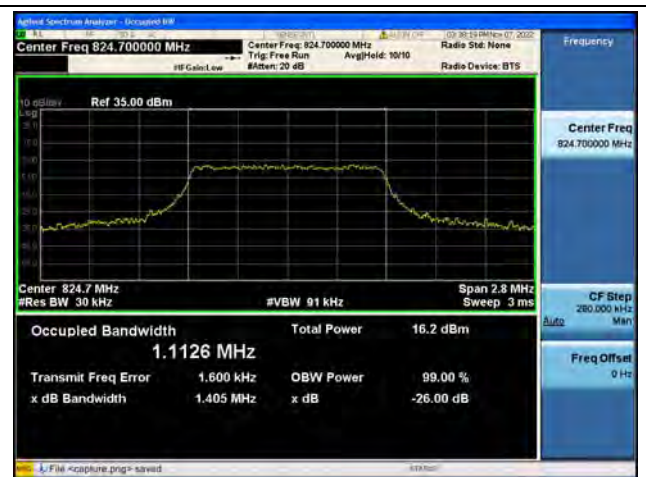
Band4 / 20MHz / 16QAM/ High CH



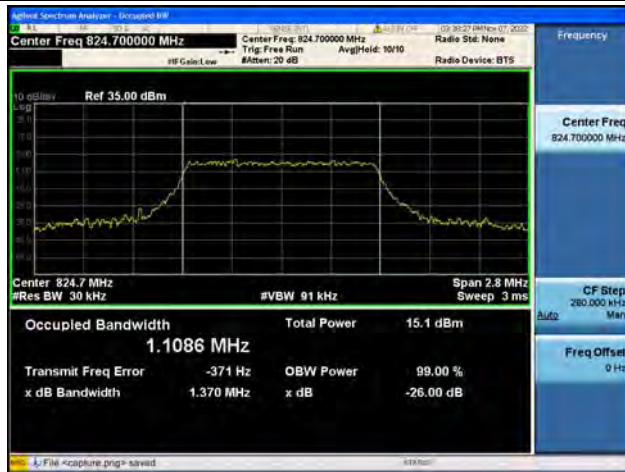
Band4 / 20MHz / 64QAM/ High CH



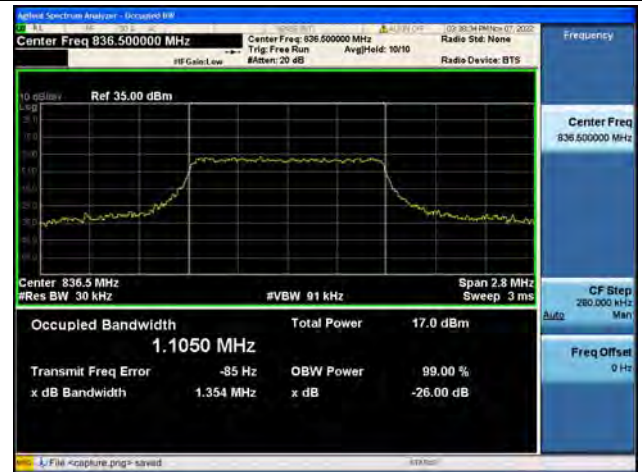
Band5 / 1.4MHz / QPSK/ Low CH



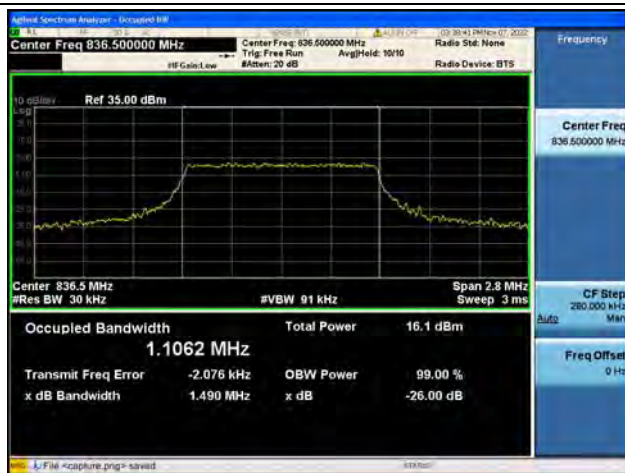
Band5 / 1.4MHz / 16QAM/ Low CH



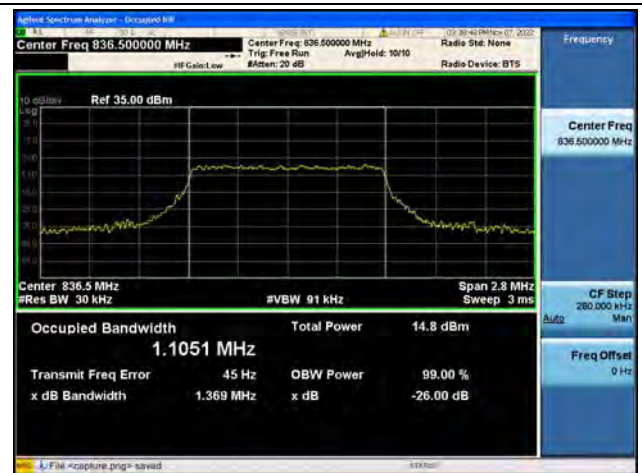
Band5 / 1.4MHz / 64QAM/ Low CH



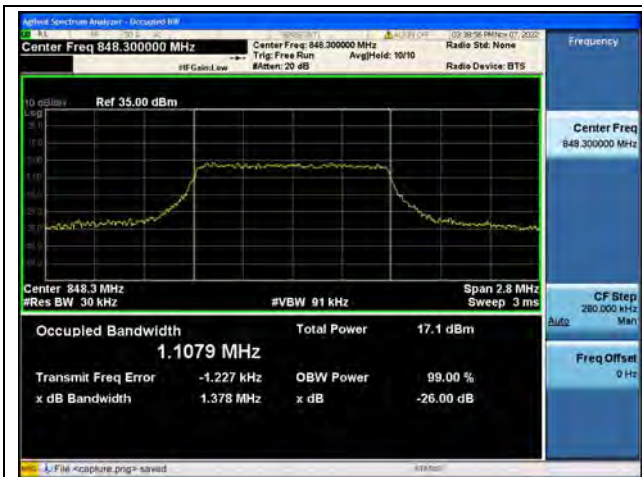
Band5 / 1.4MHz / QPSK/ Mid CH



Band5 / 1.4MHz / 16QAM/ Mid CH



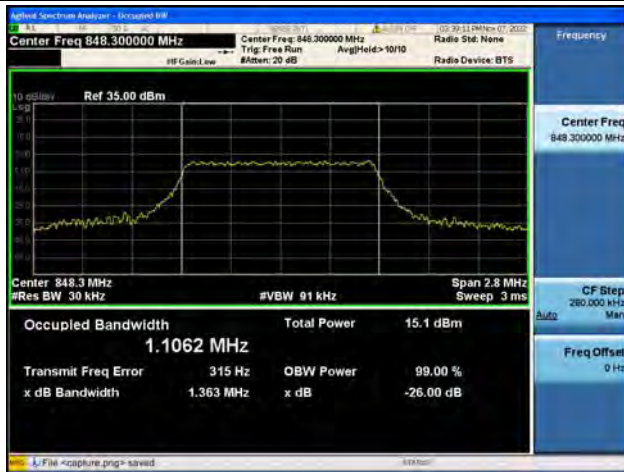
Band5 / 1.4MHz / 64QAM/ Mid CH



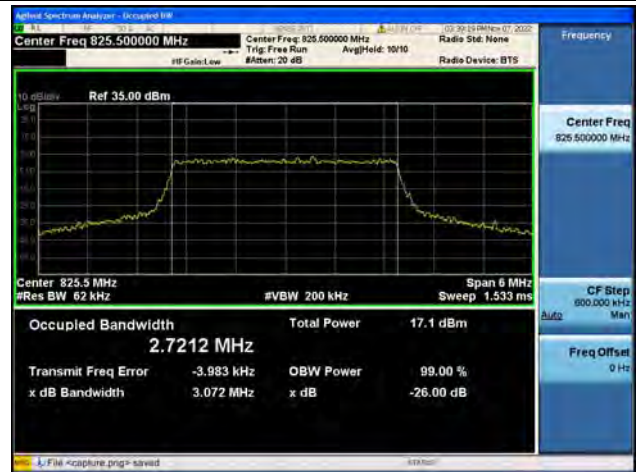
Band5 / 1.4MHz / QPSK/ High CH



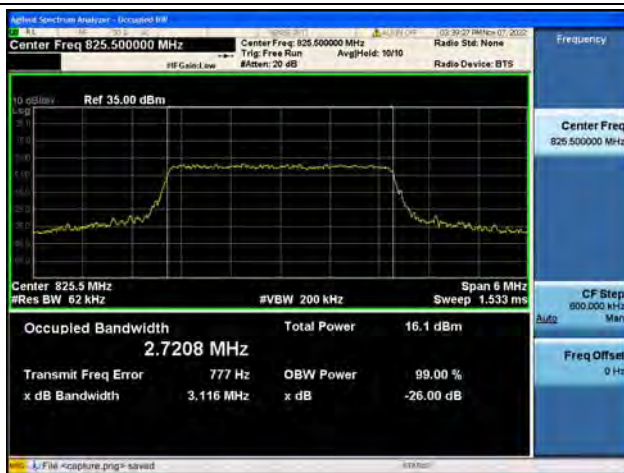
Band5 / 1.4MHz / 16QAM/ High CH



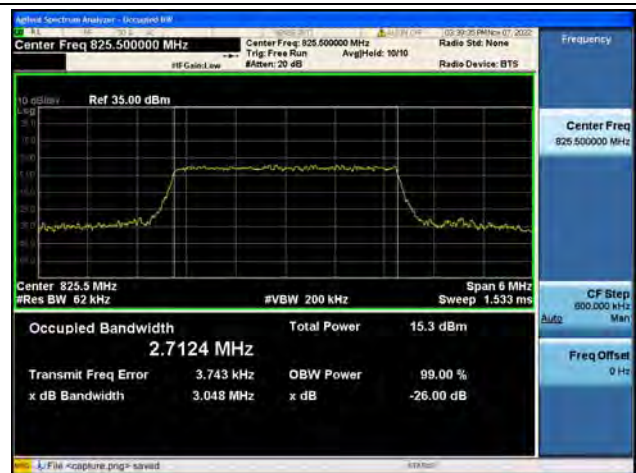
Band5 / 1.4MHz / 64QAM/ High CH



Band5 / 3MHz / QPSK/ Low CH



Band5 / 3MHz / 16QAM/ Low CH



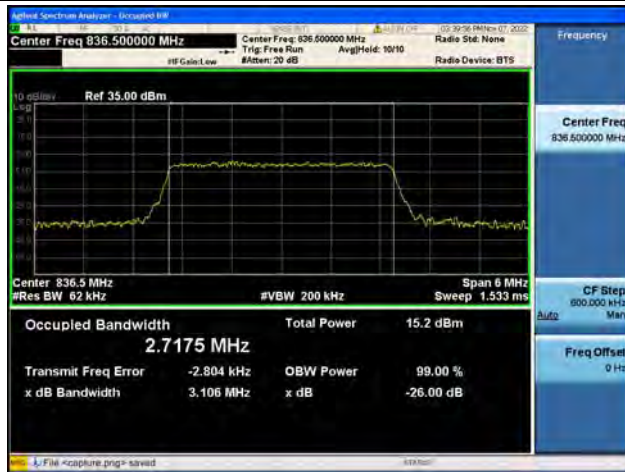
Band5 / 3MHz / 64QAM/ Low CH



Band5 / 3MHz / QPSK/ Mid CH



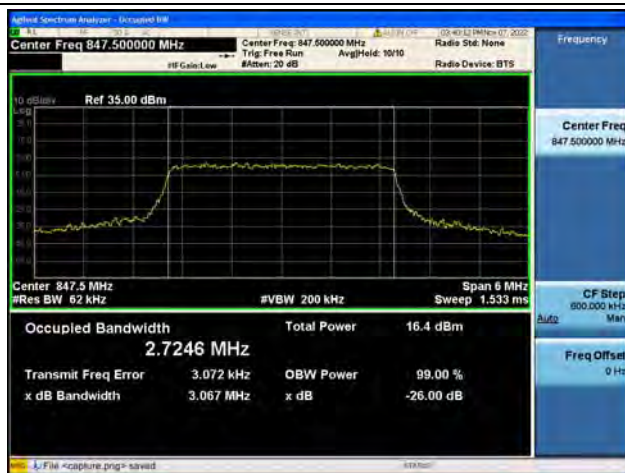
Band5 / 3MHz / 16QAM/ Mid CH



Band5 / 3MHz / 64QAM/ Mid CH



Band5 / 3MHz / QPSK/ High CH



Band5 / 3MHz / 16QAM/ High CH



Band5 / 3MHz / 64QAM/ High CH



Band5 / 5MHz / QPSK / Low CH



Band5 / 5MHz / 16QAM / Low CH



Band5 / 5MHz / 64QAM / Low CH



Band5 / 5MHz / QPSK / Mid CH



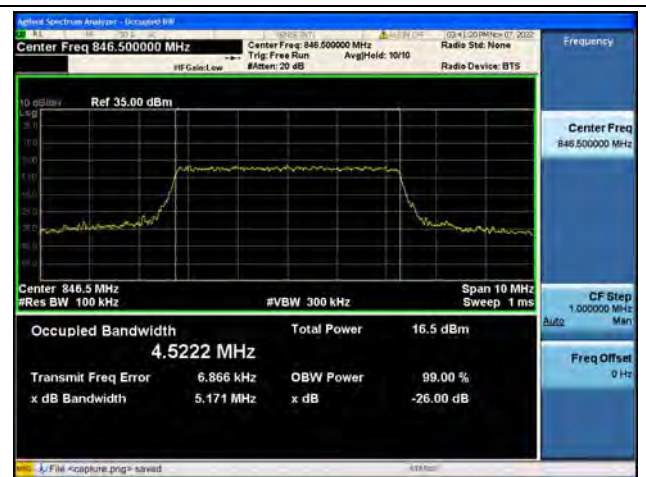
Band5 / 5MHz / 16QAM / Mid CH



Band5 / 5MHz / 64QAM / Mid CH



Band5 / 5MHz / QPSK / High CH



Band5 / 5MHz / 16QAM / High CH



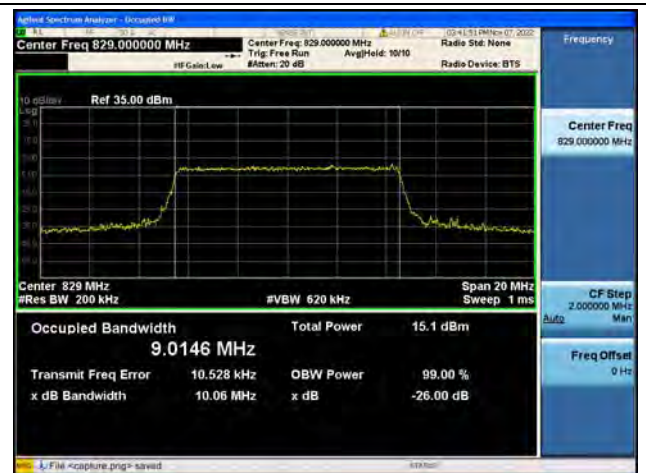
Band5 / 5MHz / 64QAM / High CH



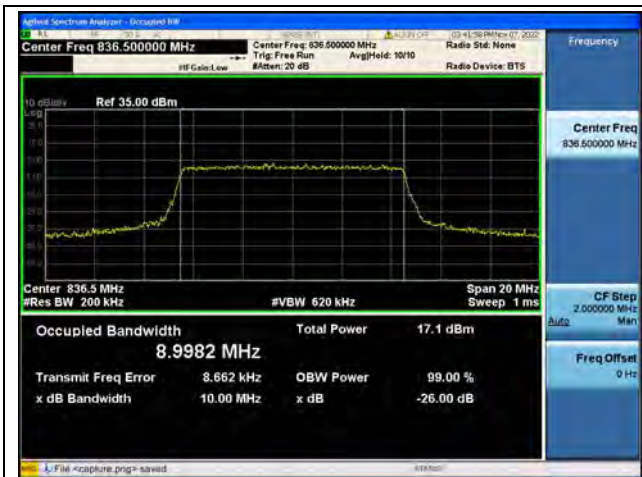
Band5 / 10MHz / QPSK / Low CH



Band5 / 10MHz / 16QAM / Low CH



Band5 / 10MHz / 64QAM / Low CH



Band5 / 10MHz / QPSK/ Mid CH



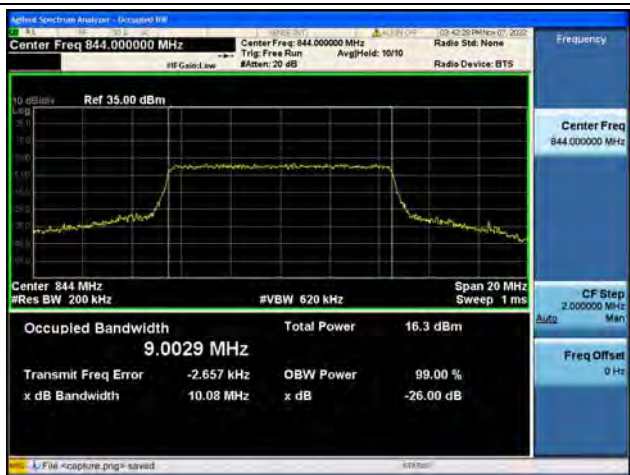
Band5 / 10MHz / 16QAM/ Mid CH



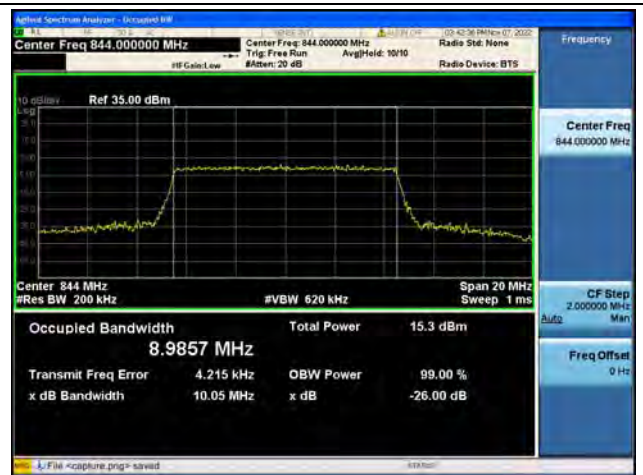
Band5 / 10MHz / 64QAM/ Mid CH



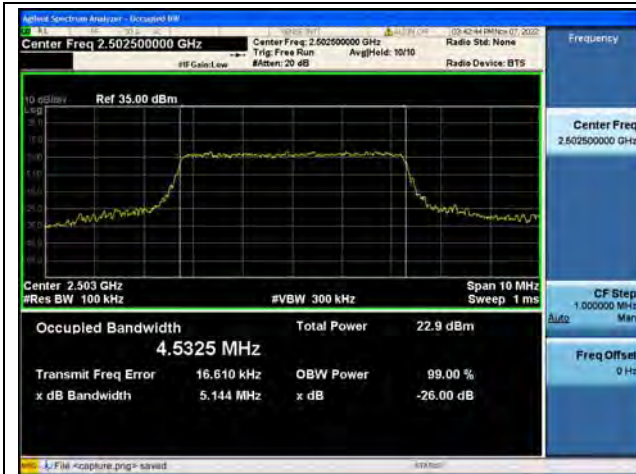
Band5 / 10MHz / QPSK/ High CH



Band5 / 10MHz / 16QAM/ High CH



Band5 / 10MHz / 64QAM/ High CH



Band7 / 5MHz / QPSK/ Low CH



Band7 / 5MHz / 16QAM/ Low CH



Band7 / 5MHz / 64QAM/ Low CH



Band7 / 5MHz / QPSK/ Mid CH



Band7 / 5MHz / 16QAM/ Mid CH



Band7 / 5MHz / 64QAM/ Mid CH



Band7 / 5MHz / QPSK/ High CH



Band7 / 5MHz / 16QAM/ High CH



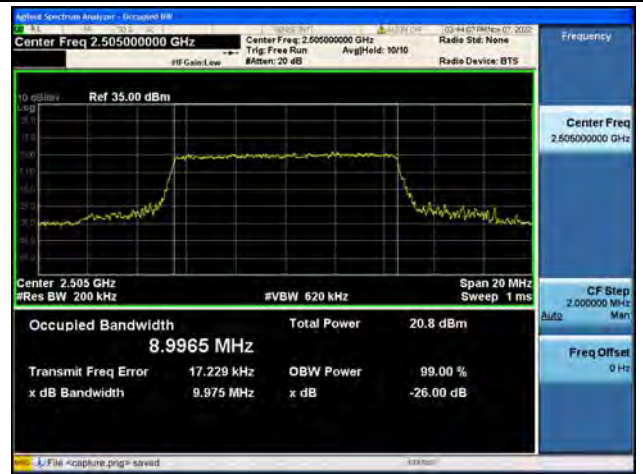
Band7 / 5MHz / 64QAM/ High CH



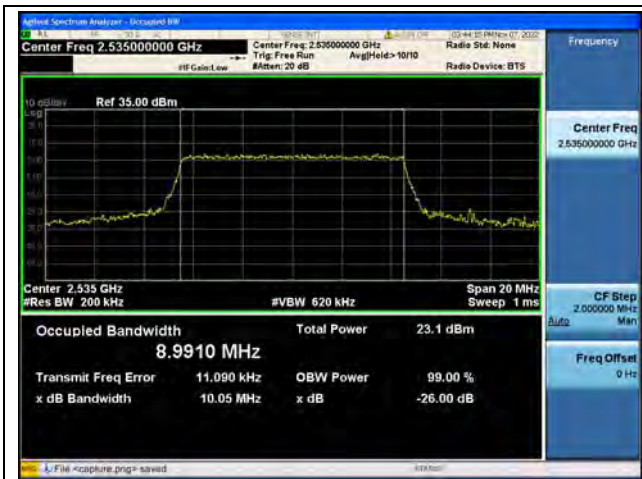
Band7 / 10MHz / QPSK/ Low CH



Band7 / 10MHz / 16QAM/ Low CH



Band7 / 10MHz / 64QAM/ Low CH



Band7 / 10MHz / QPSK/ Mid CH



Band7 / 10MHz / 16QAM/ Mid CH



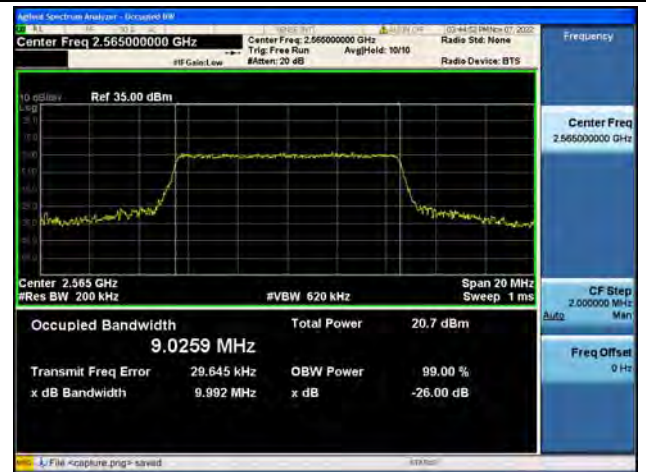
Band7 / 10MHz / 64QAM/ Mid CH



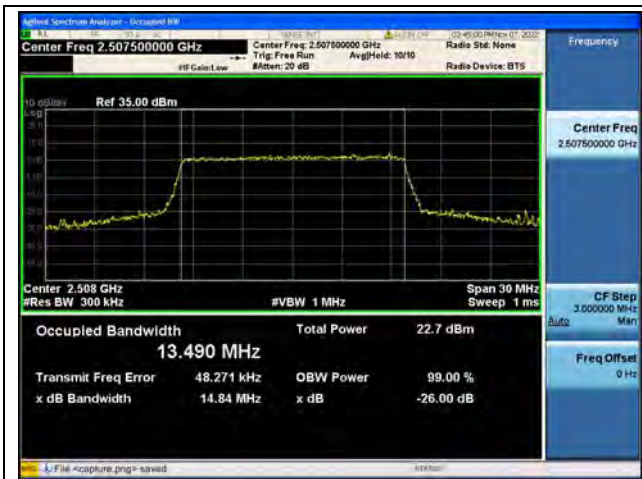
Band7 / 10MHz / QPSK/ High CH



Band7 / 10MHz / 16QAM/ High CH



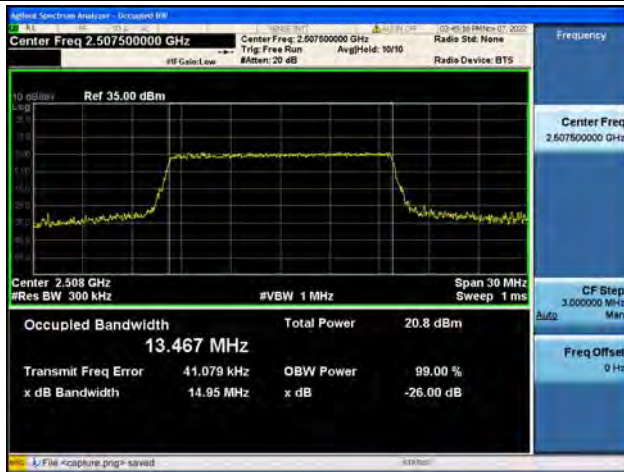
Band7 / 10MHz / 64QAM/ High CH



Band7 / 15MHz / QPSK/ Low CH



Band7 / 15MHz / 16QAM/ Low CH



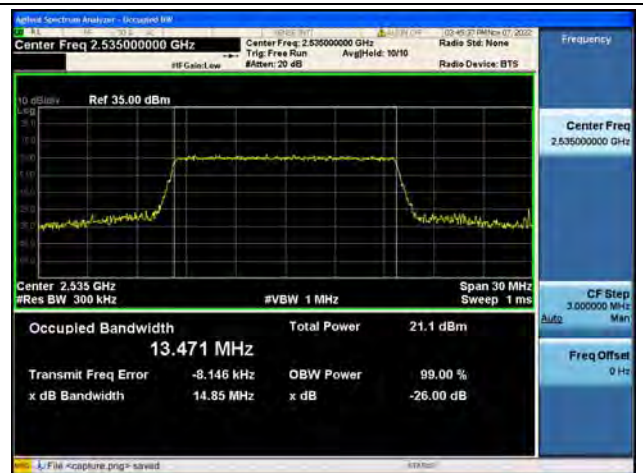
Band7 / 15MHz / 64QAM/ Low CH



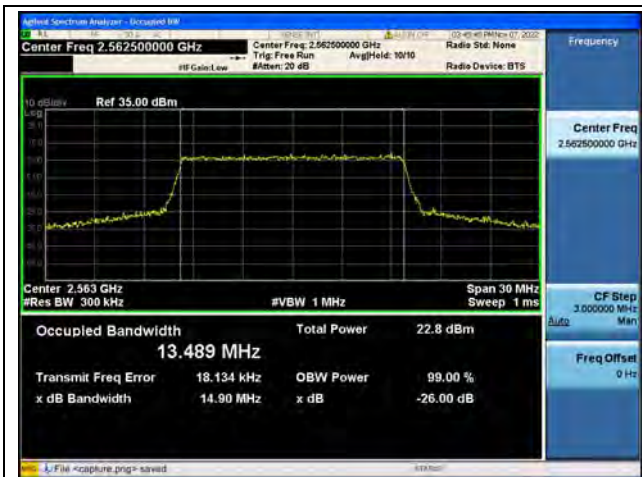
Band7 / 15MHz / QPSK/ Mid CH



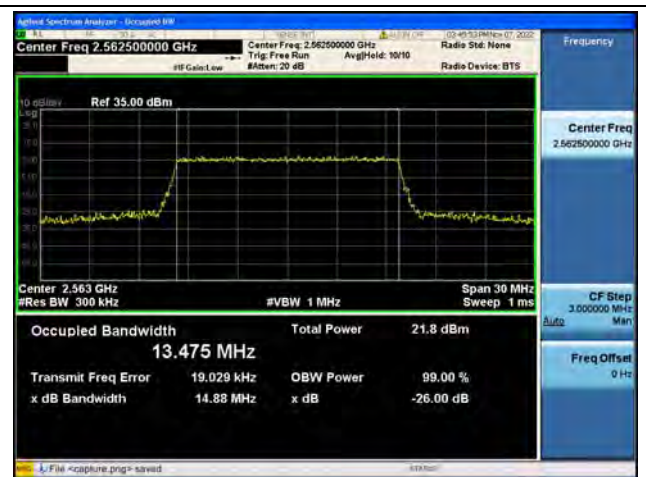
Band7 / 15MHz / 16QAM/ Mid CH



Band7 / 15MHz / 64QAM/ Mid CH



Band7 / 15MHz / QPSK/ High CH



Band7 / 15MHz / 16QAM/ High CH



Band7 / 15MHz / 64QAM/ High CH



Band7 / 20MHz / QPSK/ Low CH



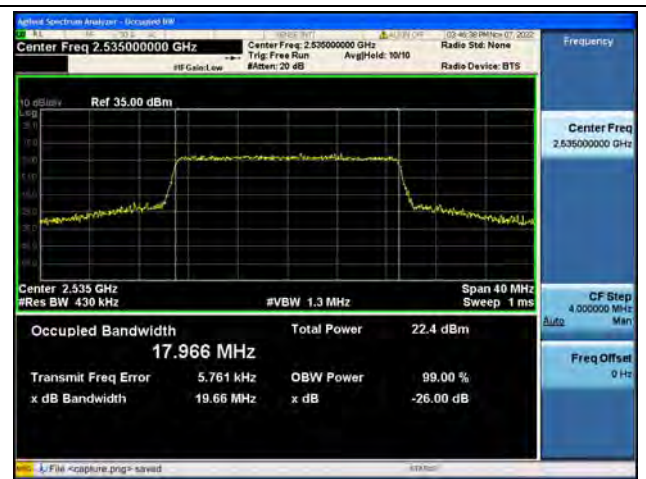
Band7 / 20MHz / 16QAM/ Low CH



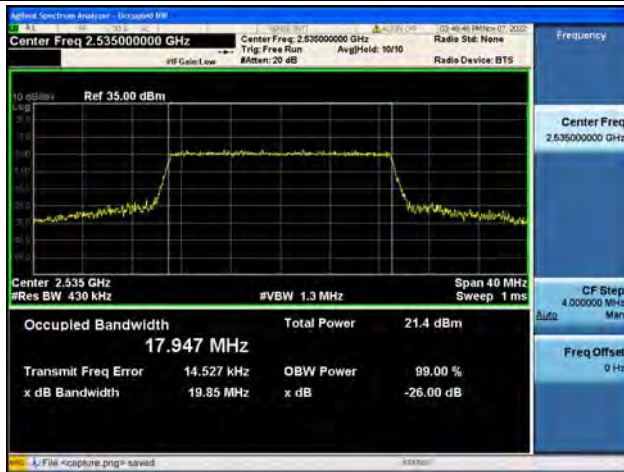
Band7 / 20MHz / 64QAM/ Low CH



Band7 / 20MHz / QPSK/ Mid CH



Band7 / 20MHz / 16QAM/ Mid CH



Band7 / 20MHz / 64QAM/ Mid CH



Band7 / 20MHz / QPSK/ High CH



Band7 / 20MHz / 16QAM/ High CH



Band7 / 20MHz / 64QAM/ High CH



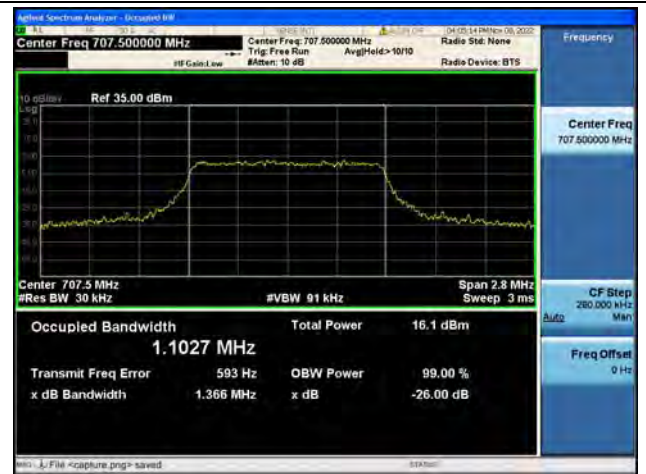
Band12 / 1.4MHz / QPSK/ Low CH



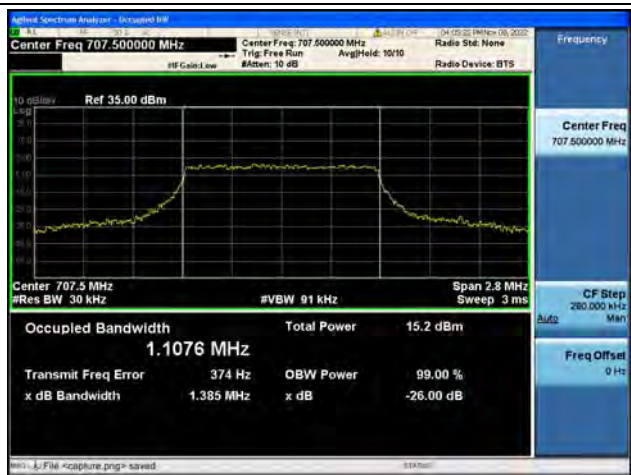
Band12 / 1.4MHz / 16QAM/ Low CH



Band12 / 1.4MHz / 64QAM/ Low CH



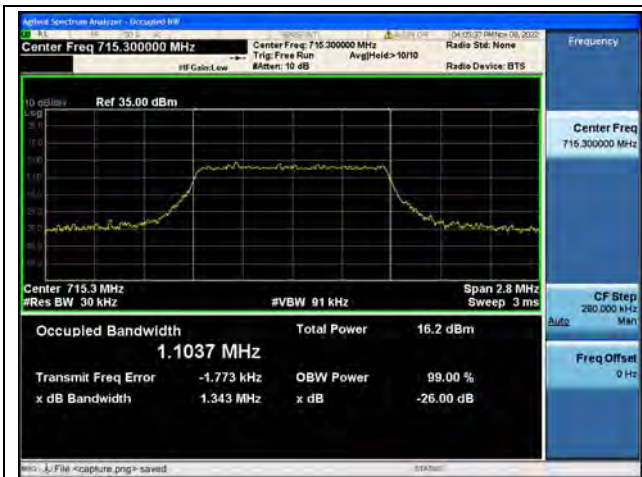
Band12 / 1.4MHz / QPSK/ Mid CH



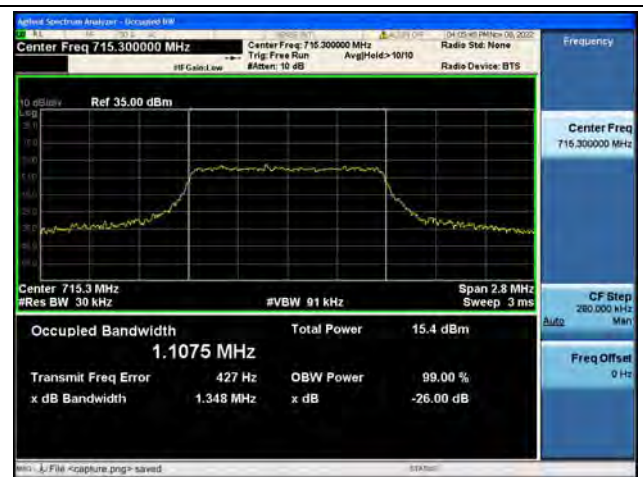
Band12 / 1.4MHz / 16QAM/ Mid CH



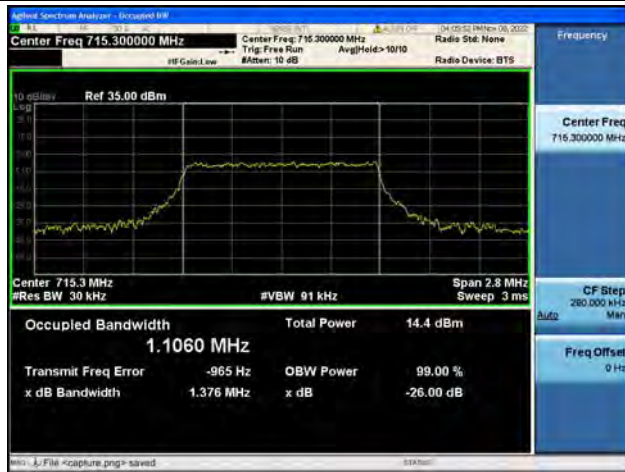
Band12 / 1.4MHz / 64QAM/ Mid CH



Band12 / 1.4MHz / QPSK/ High CH



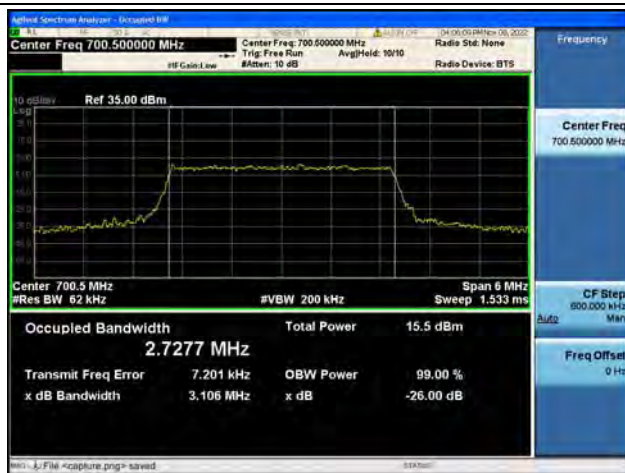
Band12 / 1.4MHz / 16QAM/ High CH



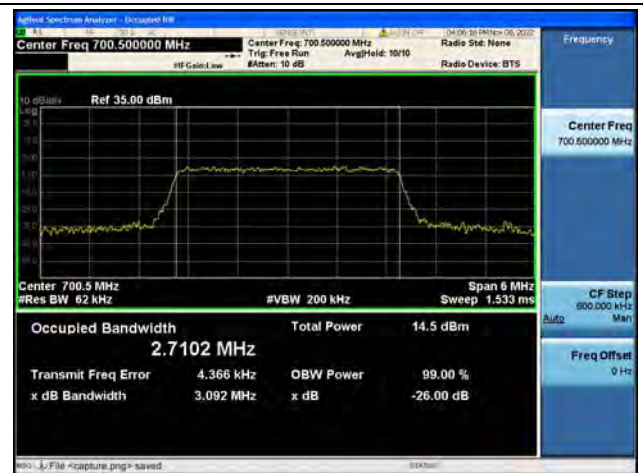
Band12 / 1.4MHz / 64QAM/ High CH



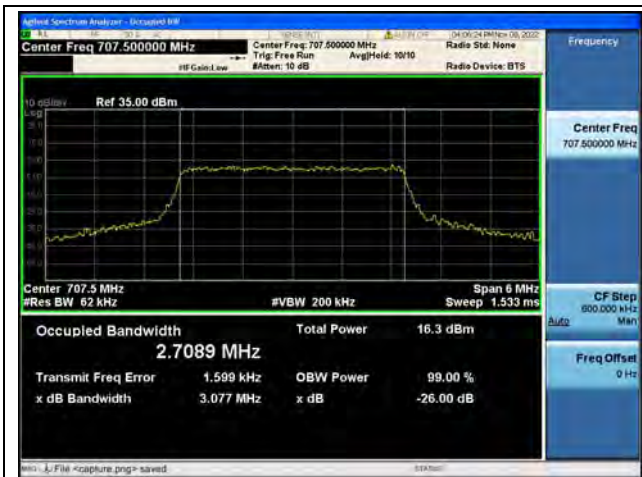
Band12 / 3MHz / QPSK/ Low CH



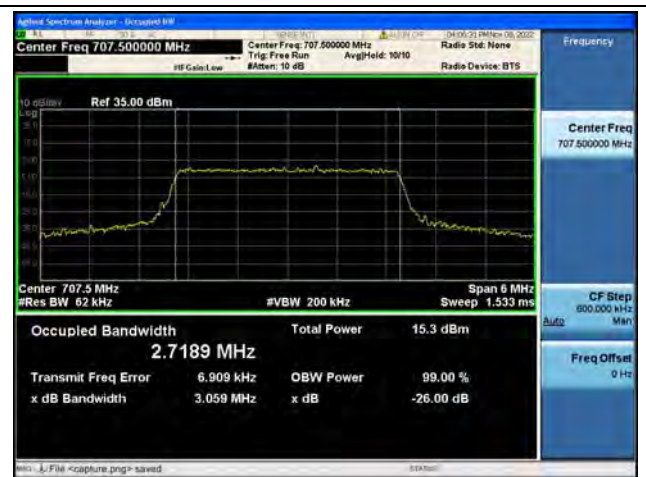
Band12 / 3MHz / 16QAM/ Low CH



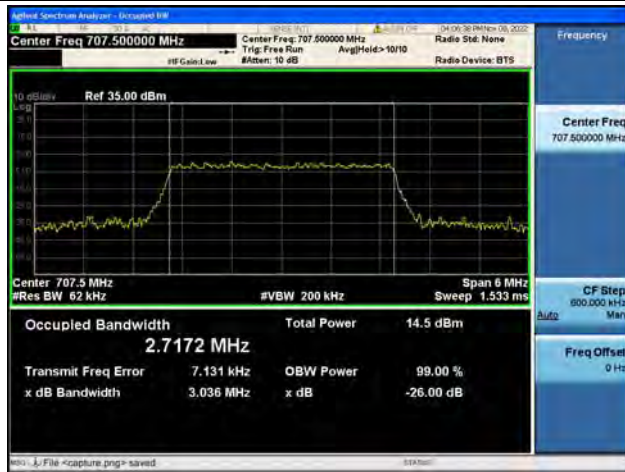
Band12 / 3MHz / 64QAM/ Low CH



Band12 / 3MHz / QPSK/ Mid CH



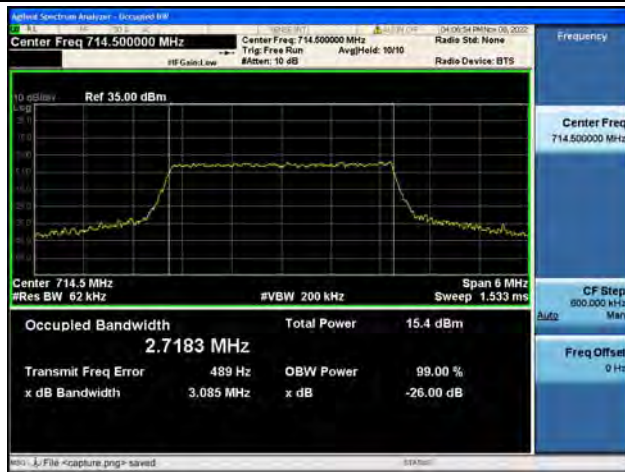
Band12 / 3MHz / 16QAM/ Mid CH



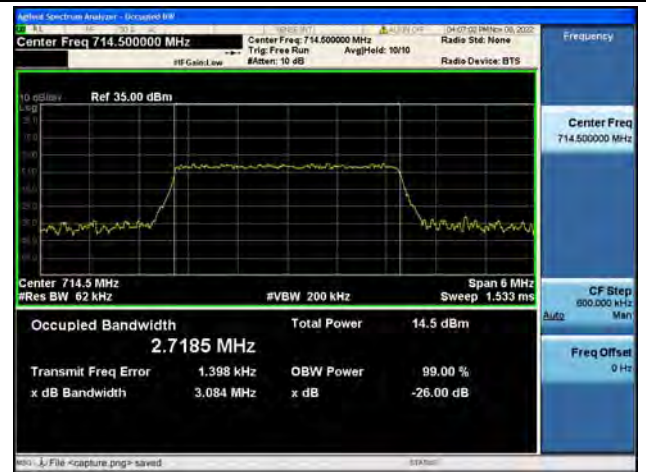
Band12 / 3MHz / 64QAM/ Mid CH



Band12 / 3MHz / QPSK/ High CH



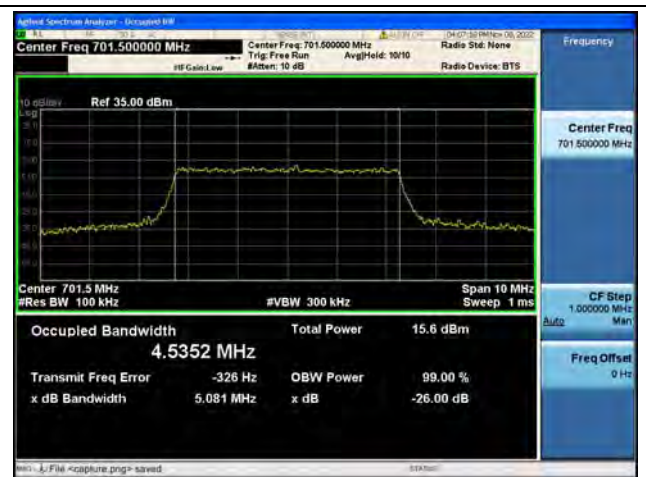
Band12 / 3MHz / 16QAM/ High CH



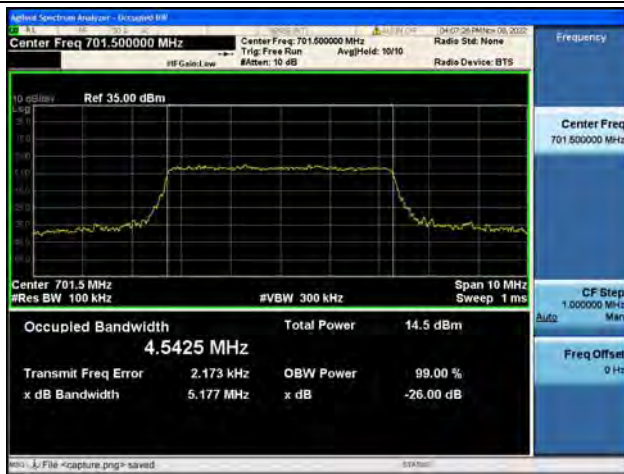
Band12 / 3MHz / 64QAM/ High CH



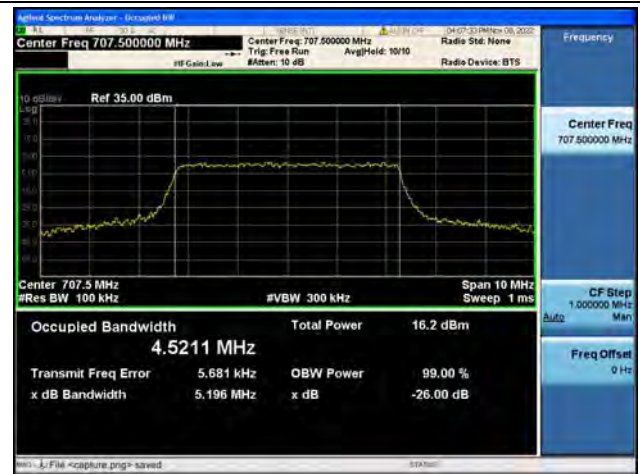
Band12 / 5MHz / QPSK/ Low CH



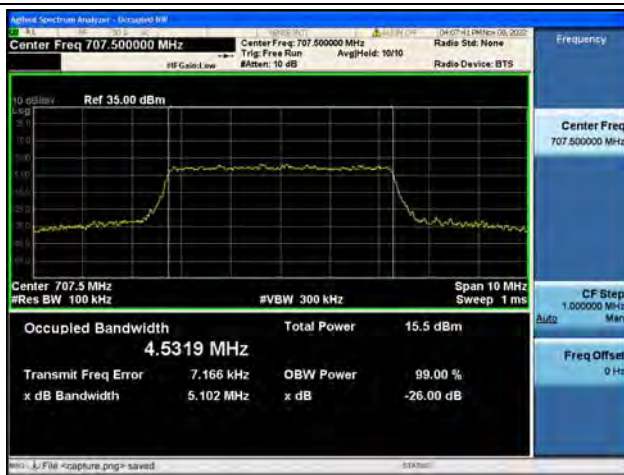
Band12 / 5MHz / 16QAM/ Low CH



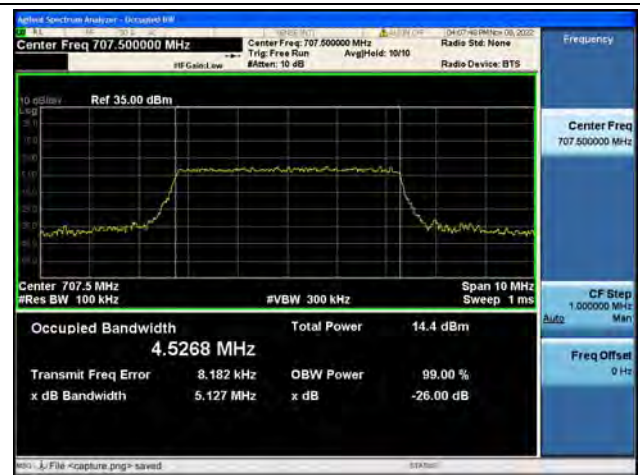
Band12 / 5MHz / 64QAM/ Low CH



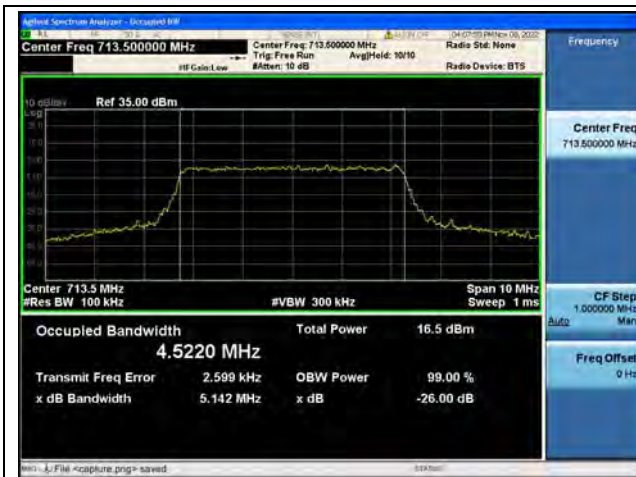
Band12 / 5MHz / QPSK/ Mid CH



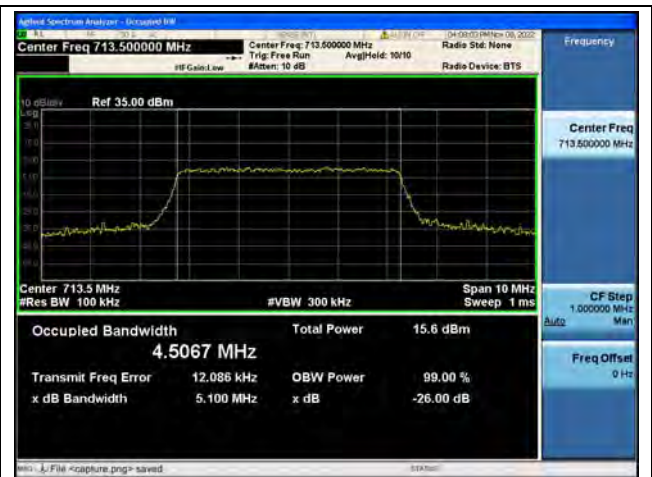
Band12 / 5MHz / 16QAM/ Mid CH



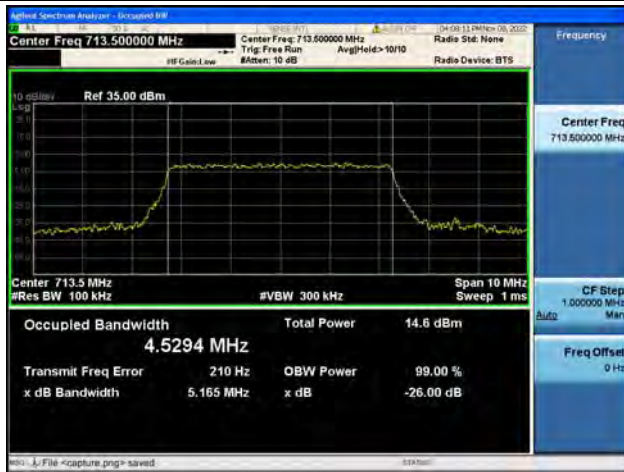
Band12 / 5MHz / 64QAM/ Mid CH



Band12 / 5MHz / QPSK/ High CH



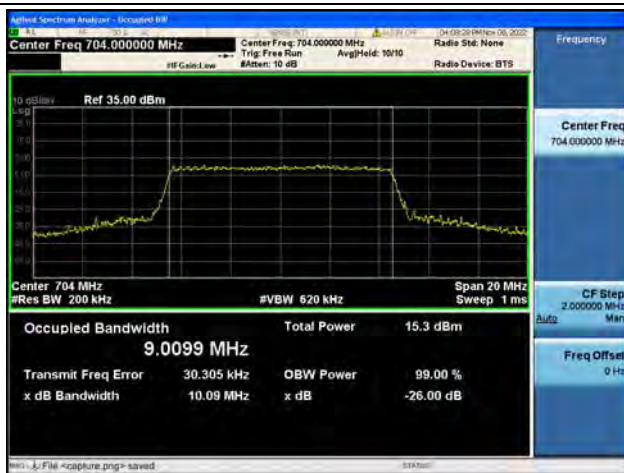
Band12 / 5MHz / 16QAM/ High CH



Band12 / 5MHz / 64QAM/ High CH



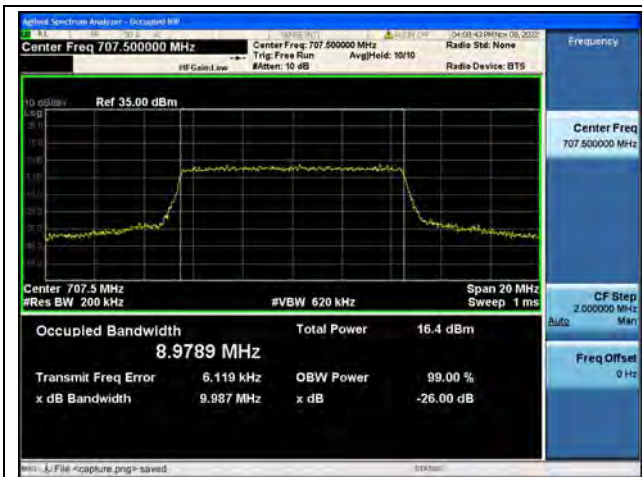
Band12 / 10MHz / QPSK/ Low CH



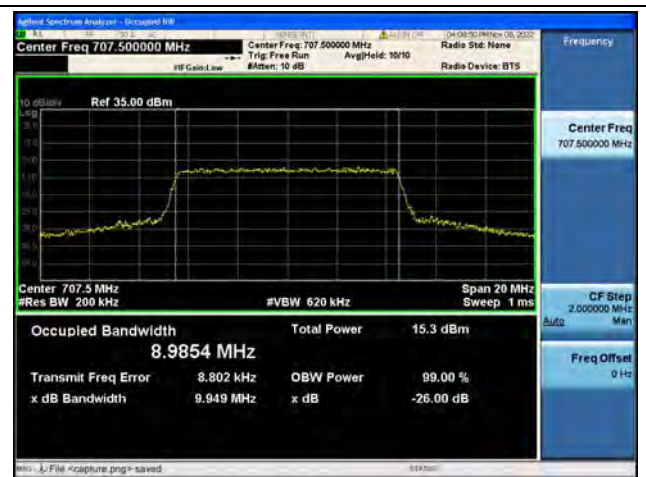
Band12 / 10MHz / 16QAM/ Low CH



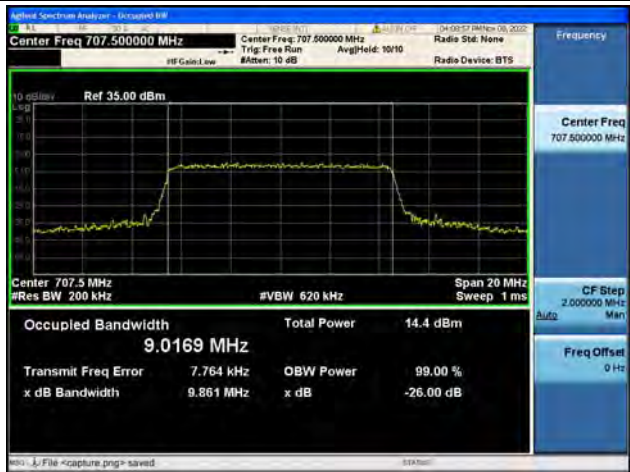
Band12 / 10MHz / 64QAM/ Low CH



Band12 / 10MHz / QPSK/ Mid CH



Band12 / 10MHz / 16QAM/ Mid CH



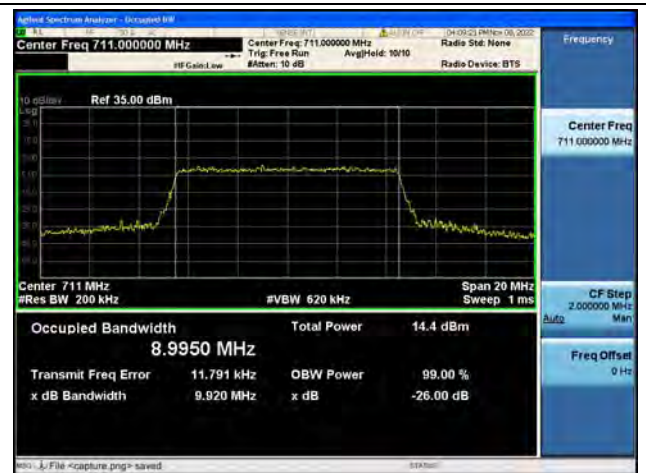
Band12 / 10MHz / 64QAM/ Mid CH



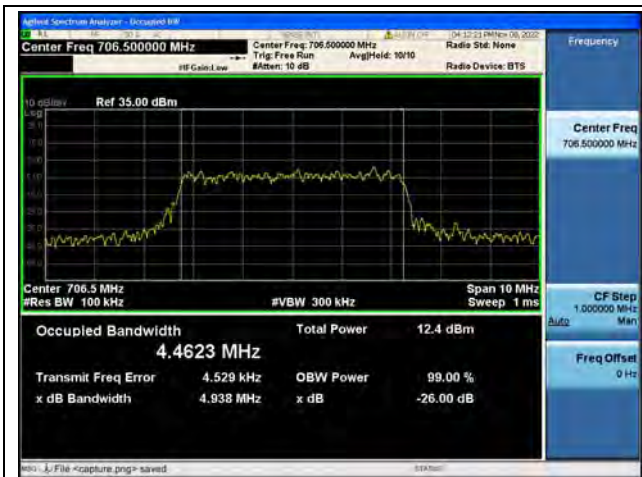
Band12 / 10MHz / QPSK/ High CH



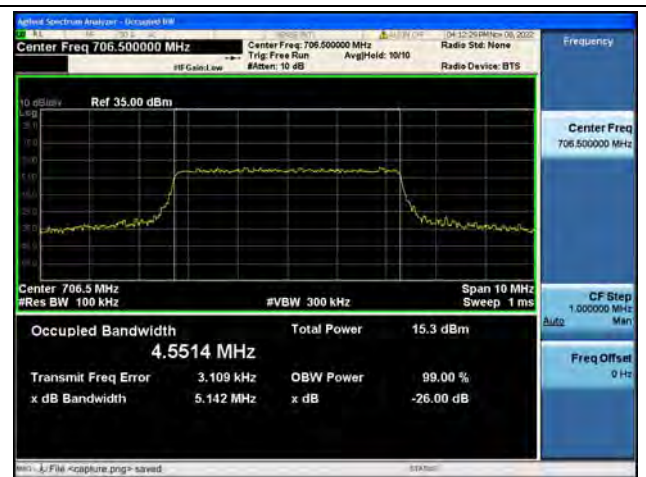
Band12 / 10MHz / 16QAM/ High CH



Band12 / 10MHz / 64QAM/ High CH



Band17 / 5MHz / QPSK/ Low CH



Band17 / 5MHz / 16QAM/ Low CH



Band17 / 5MHz / 64QAM/ Low CH



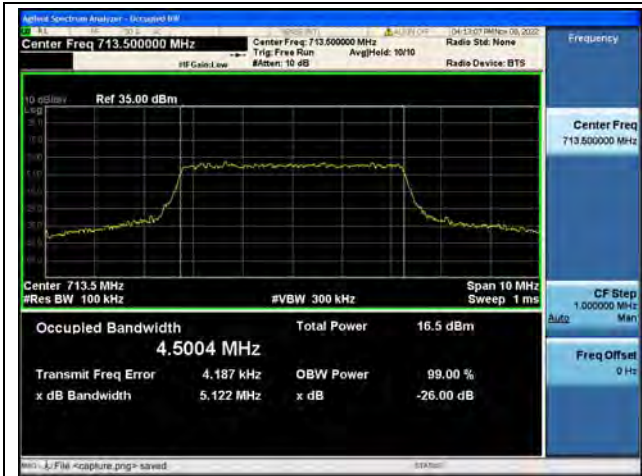
Band17 / 5MHz / QPSK/ Mid CH



Band17 / 5MHz / 16QAM/ Mid CH



Band17 / 5MHz / 64QAM/ Mid CH



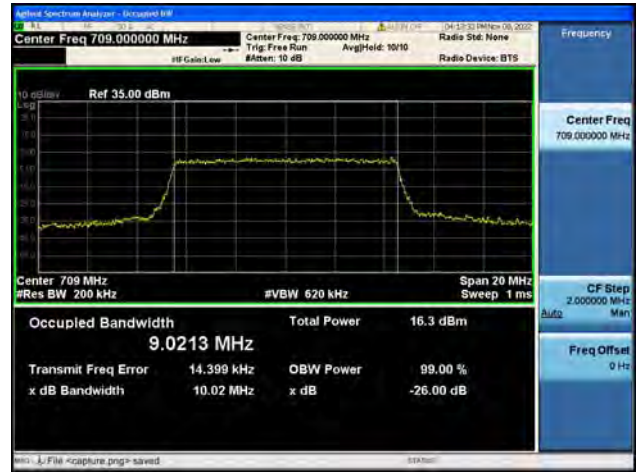
Band17 / 5MHz / QPSK/ High CH



Band17 / 5MHz / 16QAM/ High CH



Band17 / 5MHz / 64QAM/ High CH



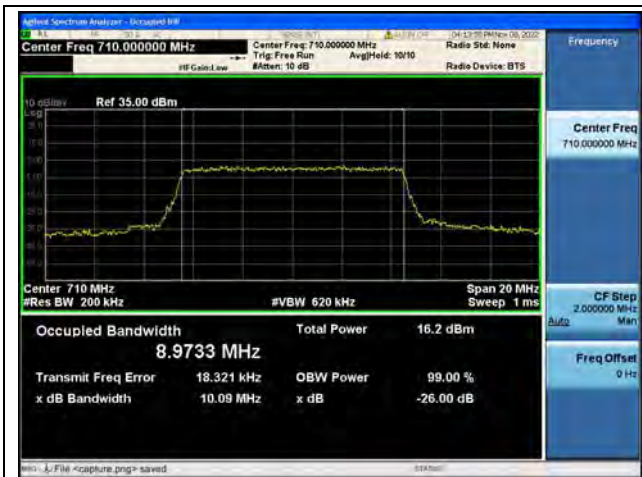
Band17 / 10MHz / QPSK/ Low CH



Band17 / 10MHz / 16QAM/ Low CH



Band17 / 10MHz / 64QAM/ Low CH



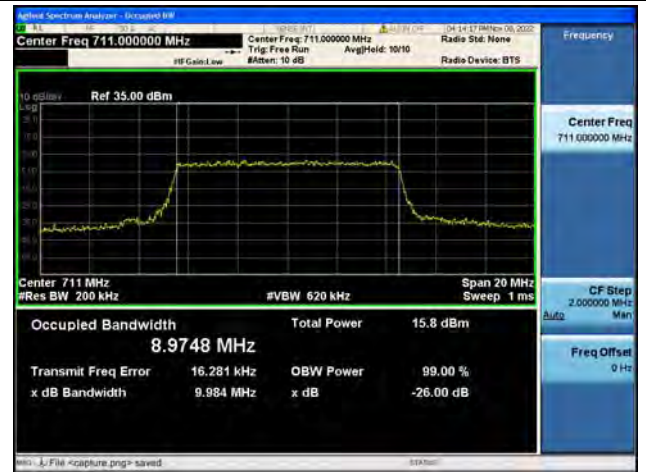
Band17 / 10MHz / QPSK/ Mid CH



Band17 / 10MHz / 16QAM/ Mid CH



Band17 / 10MHz / 64QAM/ Mid CH



Band17 / 10MHz / QPSK/ High CH



Band17 / 10MHz / 16QAM/ High CH



Band17 / 10MHz / 64QAM/ High CH