



REPORT No. : SZ21080376W05

TEST REPORT

APPLICANT : WIKO SAS

PRODUCT NAME : Smart phone

MODEL NAME : W-V770

BRAND NAME : WIKO

FCC ID : 2AM86W-V770

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 : 2021-09-13

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Change History		
Version	Date	Reason for change
1.0	2021-10-08	First edition

1. Technical Information

Note: Provide by applicant.

1.1. Applicant and Manufacturer Information

Applicant:	WIKO SAS
Applicant Address:	1, rue Capitaine Dessemond – 13007 Marseille – France.
Manufacturer:	WIKO SAS
Manufacturer Address:	1, rue Capitaine Dessemond – 13007 Marseille – France.

1.2. Equipment Under Test (EUT) Description

Product Name:	Smart phone	
Serial No.:	6#	
Hardware Version:	V1.0	
Software Version:	W-V770-V01	
Modulation Type:	QPSK, 16QAM, 64QAM	
Carrier Aggregation:	Not support	
Operation Band:	Band 2 / 4 / 5 / 7 / 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 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



Frequency Range:	LTE Band 41	Tx: 2535MHz –2675MHz
		Rx: 2535MHz –2675MHz
	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 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	-0.4dBi
	LTE Band 4	-0.3dBi
	LTE Band 5	-2.5dBi
	LTE Band 7	-0.8dBi
	LTE Band 26	-2.5dBi
	LTE Band 38	-0.9dBi
	LTE Band 40	-0.1dBi
	LTE Band 41	-0.8dBi
	LTE Band 66	-0.3dBi
	Bottom Antenna	
	LTE Band 2	-3.7dBi
	LTE Band 4	-0.3dBi
	LTE Band 5	-1.7dBi
	LTE Band 7	-5.0dBi
	LTE Band 26	-1.7dBi
	LTE Band 38	-5.2dBi
	LTE Band 40	-4.8dBi
	LTE Band 41	-3.7dBi
	LTE Band 66	-0.3dBi

Accessory Information:	Battery	
	Brand Name:	N/A
	Model No.:	HB526489EEW
	Serial No.:	N/A
	Capacity:	4900mAh
	Rated Voltage:	3.85V
	Charge Limit:	4.43V
	Manufacturer:	SCUD(FUJIAN) ELECTRONICS CO.,LTD.
	AC Adapter 1	
	Brand Name:	N/A
	Model No.:	HW-050200U02
	Serial No.:	N/A
	Rated Output:	5V=2A
	Rated Input:	100-240V~50/60Hz, 0.5A
	Manufacturer:	HUIZHOU BYD ELECTRONIC CO., LTD.
	AC Adapter 2	
	Brand Name:	N/A
	Model No.:	TN-050200U5
	Serial No.:	N/A
	Rated Output:	5V=2A
	Rated Input:	100-240V~50/60Hz, 0.5A
	Manufacturer:	Dong Guan City GangQi Electronic Co., Ltd
	USB Cable 1	
	Model No.:	203-1572-0
	Manufacturer:	Guangdong Mingji Hi-Tech Electronics Co., Ltd
	USB Cable 2	
	Model No.:	336275
	Manufacturer:	SUNTOPS ELECTRONICS CO.,LTD

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

Note 2: The EUT supports top antenna and bottom antenna. For test item Conducted RF Output Power, Radiated Power and Radiated Out of Band Emissions we recorded the test result of two antennas separately, for other test items both of the two antennas were tested separately, we only recorded the worst test results(Bottom Antenna) in this report.

Note 3: 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	0.174	0.163	0.156	0.084	0.076	0.073
15	0.173	0.163	0.155	0.083	0.071	0.070
10	0.171	0.162	0.153	0.083	0.070	0.069
5	0.171	0.161	0.153	0.081	0.069	0.068
3	0.170	0.160	0.152	0.081	0.068	0.067
1.4	0.167	0.158	0.150	0.081	0.068	0.067
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	0.172	0.156	0.153	0.181	0.162	0.159
15	0.171	0.155	0.152	0.179	0.161	0.157
10	0.171	0.153	0.150	0.178	0.159	0.155
5	0.170	0.152	0.149	0.177	0.157	0.154
3	0.168	0.151	0.148	0.175	0.156	0.152
1.4	0.169	0.149	0.147	0.187	0.167	0.164
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	0.093	0.079	0.078	0.188	0.162	0.161
5	0.092	0.078	0.077	0.185	0.160	0.160
3	0.091	0.077	0.077	0.184	0.159	0.158
1.4	0.091	0.077	0.076	0.182	0.158	0.156
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	0.153	0.136	0.131	0.059	0.052	0.050
15	0.152	0.136	0.129	0.058	0.052	0.050
10	0.152	0.136	0.128	0.058	0.051	0.049
5	0.150	0.135	0.127	0.058	0.051	0.049



LTE Band 26	Maximum E.R.P./E.I.R.P. (W)					
	Top Antenna			Bottom Antenna		
15	0.087	0.077	0.075	0.110	0.095	0.094
10	0.086	0.076	0.075	0.106	0.092	0.091
5	0.086	0.076	0.074	0.104	0.091	0.090
3	0.085	0.075	0.074	0.104	0.090	0.089
1.4	0.084	0.074	0.073	0.103	0.089	0.089
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	0.160	0.137	0.135	0.061	0.051	0.051
15	0.157	0.136	0.133	0.060	0.051	0.050
10	0.155	0.132	0.129	0.059	0.050	0.050
5	0.151	0.130	0.129	0.059	0.050	0.050
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	0.195	0.160	0.160	0.067	0.055	0.055
5	0.191	0.158	0.158	0.066	0.055	0.054
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	0.195	0.161	0.161	0.066	0.055	0.053
5	0.193	0.158	0.159	0.066	0.055	0.053
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	0.168	0.136	0.133	0.088	0.071	0.071
15	0.167	0.135	0.132	0.087	0.071	0.070
10	0.166	0.134	0.130	0.086	0.070	0.069
5	0.164	0.132	0.129	0.085	0.069	0.069



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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	0.178	0.162	0.146	0.185	0.171	0.152
15	0.177	0.161	0.145	0.184	0.170	0.150
10	0.177	0.160	0.144	0.182	0.167	0.149
5	0.176	0.158	0.143	0.180	0.166	0.148
3	0.175	0.157	0.142	0.179	0.164	0.147
1.4	0.172	0.156	0.141	0.178	0.164	0.147



LTE Band 2	Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM
1.4	1M10G7D	1M10W7D	1M10W7D
3	2M69G7D	2M69W7D	2M71W7D
5	4M50G7D	4M51W7D	4M50W7D
10	9M00G7D	8M98W7D	8M99W7D
15	13M5G7D	13M5W7D	13M5W7D
20	18M0G7D	18M0W7D	18M0W7D
LTE Band 4	Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM
1.4	1M10G7D	1M10W7D	1M09W7D
3	2M69G7D	2M69W7D	2M70W7D
5	4M50G7D	4M51W7D	4M50W7D
10	9M01G7D	8M98W7D	9M00W7D
15	13M5G7D	13M5W7D	13M5W7D
20	18M0G7D	18M0W7D	18M0W7D
LTE Band 5	Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM
1.4	1M10G7D	1M10W7D	1M10W7D
3	2M69G7D	2M69W7D	2M71W7D
5	4M50G7D	4M50W7D	4M50W7D
10	9M00G7D	8M98W7D	8M99W7D
LTE Band 7	Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM
5	4M50G7D	4M50W7D	4M50W7D
10	9M00G7D	8M97W7D	8M99W7D
15	13M5G7D	13M5W7D	13M5W7D
20	18M0G7D	18M0W7D	18M0W7D
LTE Band 26	Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM
1.4	1M09G7D	1M09W7D	1M09W7D
3	2M71G7D	2M70W7D	2M70W7D
5	4M50G7D	4M51W7D	4M50W7D
10	9M02G7D	9M01W7D	9M01W7D
15	13M5G7D	13M5W7D	13M5W7D



LTE Band 38	Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM
5	4M50G7D	4M51W7D	4M49W7D
10	9M00G7D	8M98W7D	9M00W7D
15	13M5G7D	13M5W7D	13M5W7D
20	18M0G7D	18M0W7D	18M0W7D
LTE Band 40 Block A	Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM
5	4M52G7D	4M52W7D	4M51W7D
10	9M01G7D	8M99W7D	8M96W7D
LTE Band 40 Block B	Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM
5	4M53G7D	4M52W7D	4M51W7D
10	9M00G7D	9M00W7D	8M98W7D
LTE Band 41	Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM
5	4M51G7D	4M50W7D	4M50W7D
10	9M00G7D	8M98W7D	9M01W7D
15	13M5G7D	13M5W7D	13M5W7D
20	18M0G7D	18M0W7D	18M0W7D
LTE Band 66	Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM
1.4	1M09G7D	1M09W7D	1M09W7D
3	2M70G7D	2M70W7D	2M70W7D
5	4M51G7D	4M51W7D	4M51W7D
10	9M00G7D	9M02W7D	9M01W7D
15	13M5G7D	13M5W7D	13M5W7D
20	18M1G7D	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) 24.232(c) 27.50(a)(3) 27.50(d)(4) 27.50(h)(2)	Transmitter Conducted Output Power and E.R.P./E.I.R.P.	Sep 30, 2021	Chen Hao Gao Jianrou	PASS	No deviation
2.1049	Occupied Bandwidth	Sep 13 to 18, 2021	Li Huaijie	PASS	No deviation
2.1055 22.355 24.235 27.54	Frequency Stability	Sep 29, 2021	Li Huaijie	PASS	No deviation
24.232(d), 27.50(d)(5)	Peak to Average Radio	Sep 17&18, 2021	Li Huaijie	PASS	No deviation
2.1051 22.917(a) 24.238(a) 27.53(a)(4) 27.53(h) 27.53(m)(4)	Conducted Spurious Emissions	Sep 13 to 17, 2021	Li Huaijie	PASS	No deviation
2.1051 22.917(a) 24.238(a) 27.53(a)(4)	Band Edge	Sep 13 to 17, 2021	Li Huaijie	PASS	No deviation



27.53(h) 27.53(m)(4)					
2.1051 22.917(a) 24.238(a) 27.53(a)(4) 27.53(h) 27.53(m)(4)	Radiated Spurious Emissions	Sep 30, 2021	Gao Jianrou	PASS	No deviation

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

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

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

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

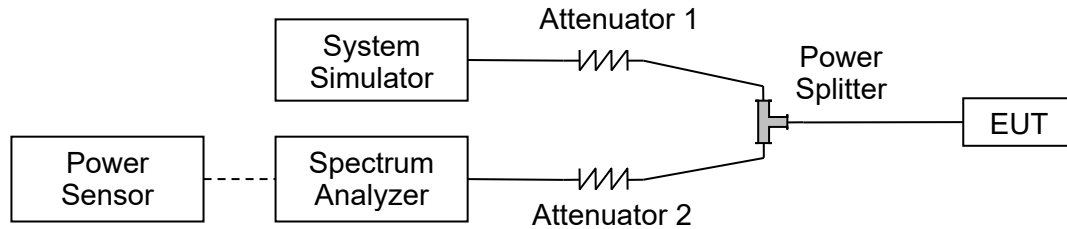
According to FCC section 27.50 (d)(4) for LTE Band 4/66, Fixed, mobile and portable (hand-held) stations in the 1710-1755MHz band are limited to 1wat E.I.R.P.

According to FCC section 22.913 (a)(2) for LTE Band 5/26, 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 (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
Top Antenna**

LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18700	18900	19100
Frequency (MHz)				1860	1880	1900
20	QPSK	1	0	22.74	22.80	22.77
20	QPSK	1	49	22.64	22.79	22.74
20	QPSK	1	99	22.65	22.70	22.66
20	QPSK	50	0	22.09	22.12	22.05
20	QPSK	50	24	21.96	22.00	21.94
20	QPSK	50	50	21.94	21.98	21.88
20	QPSK	100	0	21.74	21.83	21.77
20	16QAM	1	0	22.40	22.53	22.53
20	16QAM	1	49	22.28	22.39	22.46
20	16QAM	1	99	22.26	22.42	22.47
20	16QAM	50	0	21.80	22.00	21.99
20	16QAM	50	24	21.73	21.87	21.90
20	16QAM	50	50	21.72	21.74	21.87
20	16QAM	100	0	21.75	21.80	21.87
20	64QAM	1	0	22.21	22.32	22.33
20	64QAM	1	49	22.17	22.28	22.26
20	64QAM	1	99	22.13	22.16	22.05
20	64QAM	50	0	21.13	21.31	21.15
20	64QAM	50	24	21.06	21.15	21.11
20	64QAM	50	50	21.06	21.09	21.02
20	64QAM	100	0	21.02	21.14	20.96



LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18675	18900	19125
Frequency (MHz)				1857.5	1880	1902.5
15	QPSK	1	0	22.70	22.79	22.76
15	QPSK	1	37	22.59	22.75	22.69
15	QPSK	1	74	22.61	22.69	22.65
15	QPSK	36	0	22.04	22.11	21.99
15	QPSK	36	20	21.90	21.95	21.89
15	QPSK	36	39	21.90	21.93	21.85
15	QPSK	75	0	21.72	21.82	21.74
15	16QAM	1	0	22.34	22.51	22.49
15	16QAM	1	37	22.23	22.37	22.45
15	16QAM	1	74	22.25	22.37	22.42
15	16QAM	36	0	21.75	21.95	21.96
15	16QAM	36	20	21.71	21.83	21.89
15	16QAM	36	39	21.67	21.69	21.85
15	16QAM	75	0	21.71	21.78	21.85
15	64QAM	1	0	22.17	22.29	22.27
15	64QAM	1	37	22.12	22.27	22.23
15	64QAM	1	74	22.12	22.11	22.01
15	64QAM	36	0	21.12	21.26	21.12
15	64QAM	36	20	21.03	21.11	21.08
15	64QAM	36	39	21.03	21.03	20.99
15	64QAM	75	0	20.98	21.10	20.93



LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18650	18900	19150
Frequency (MHz)				1855	1880	1905
10	QPSK	1	0	22.64	22.74	22.70
10	QPSK	1	25	22.54	22.73	22.66
10	QPSK	1	49	22.58	22.67	22.63
10	QPSK	25	0	22.02	22.05	21.95
10	QPSK	25	12	21.85	21.90	21.84
10	QPSK	25	25	21.84	21.89	21.84
10	QPSK	50	0	21.70	21.79	21.71
10	16QAM	1	0	22.32	22.49	22.44
10	16QAM	1	25	22.18	22.32	22.42
10	16QAM	1	49	22.24	22.34	22.39
10	16QAM	25	0	21.70	21.90	21.91
10	16QAM	25	12	21.69	21.80	21.84
10	16QAM	25	25	21.64	21.66	21.83
10	16QAM	50	0	21.68	21.75	21.83
10	64QAM	1	0	22.11	22.25	22.21
10	64QAM	1	25	22.07	22.25	22.19
10	64QAM	1	49	22.08	22.10	21.98
10	64QAM	25	0	21.11	21.22	21.10
10	64QAM	25	12	20.99	21.06	21.03
10	64QAM	25	25	21.01	21.00	20.93
10	64QAM	50	0	20.94	21.05	20.87



LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18625	18900	19175
Frequency (MHz)				1852.5	1880	1907.5
5	QPSK	1	0	22.58	22.73	22.66
5	QPSK	1	12	22.52	22.69	22.63
5	QPSK	1	24	22.56	22.65	22.59
5	QPSK	12	0	22.00	22.01	21.90
5	QPSK	12	7	21.82	21.88	21.80
5	QPSK	12	13	21.80	21.87	21.80
5	QPSK	25	0	21.65	21.74	21.69
5	16QAM	1	0	22.29	22.46	22.40
5	16QAM	1	12	22.13	22.31	22.38
5	16QAM	1	24	22.20	22.32	22.36
5	16QAM	12	0	21.67	21.85	21.89
5	16QAM	12	7	21.64	21.74	21.79
5	16QAM	12	13	21.62	21.63	21.81
5	16QAM	25	0	21.64	21.69	21.81
5	64QAM	1	0	22.08	22.19	22.19
5	64QAM	1	12	22.05	22.24	22.14
5	64QAM	1	24	22.05	22.04	21.94
5	64QAM	12	0	21.07	21.21	21.05
5	64QAM	12	7	20.95	21.02	20.98
5	64QAM	12	13	20.97	20.99	20.88
5	64QAM	25	0	20.91	21.02	20.84



LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18615	18900	19185
Frequency (MHz)				1851.5	1880	1908.5
3	QPSK	1	0	22.53	22.70	22.63
3	QPSK	1	8	22.47	22.65	22.61
3	QPSK	1	14	22.53	22.61	22.53
3	QPSK	8	0	21.94	21.99	21.84
3	QPSK	8	4	21.80	21.85	21.75
3	QPSK	8	7	21.77	21.82	21.78
3	QPSK	15	0	21.60	21.69	21.66
3	16QAM	1	0	22.25	22.43	22.36
3	16QAM	1	8	22.12	22.26	22.33
3	16QAM	1	14	22.16	22.29	22.35
3	16QAM	8	0	21.62	21.79	21.87
3	16QAM	8	4	21.59	21.69	21.74
3	16QAM	8	7	21.59	21.62	21.77
3	16QAM	15	0	21.55	21.63	21.75
3	64QAM	1	0	22.06	22.16	22.17
3	64QAM	1	8	22.03	22.22	22.08
3	64QAM	1	14	21.99	22.00	21.90
3	64QAM	8	0	21.03	21.18	21.00
3	64QAM	8	4	20.90	20.99	20.93
3	64QAM	8	7	20.93	20.96	20.86
3	64QAM	15	0	20.89	20.97	20.79



LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18607	18900	19193
Frequency (MHz)				1850.7	1880	1909.3
1.4	QPSK	1	0	22.54	22.63	22.61
1.4	QPSK	1	3	22.45	22.61	22.56
1.4	QPSK	1	5	22.51	22.57	22.54
1.4	QPSK	3	0	21.93	21.95	21.86
1.4	QPSK	3	1	21.75	21.80	21.74
1.4	QPSK	3	3	21.72	21.82	21.74
1.4	QPSK	6	0	21.56	21.68	21.58
1.4	16QAM	1	0	22.25	22.38	22.32
1.4	16QAM	1	3	22.02	22.24	22.31
1.4	16QAM	1	5	22.14	22.28	22.28
1.4	16QAM	3	0	21.63	21.79	21.81
1.4	16QAM	3	1	21.59	21.68	21.72
1.4	16QAM	3	3	21.53	21.57	21.73
1.4	16QAM	6	0	21.56	21.62	21.75
1.4	64QAM	1	0	22.00	22.14	22.13
1.4	64QAM	1	3	21.98	22.17	22.10
1.4	64QAM	1	5	21.94	21.97	21.85
1.4	64QAM	3	0	21.01	21.14	20.99
1.4	64QAM	3	1	20.85	20.95	20.93
1.4	64QAM	3	3	20.93	20.91	20.80
1.4	64QAM	6	0	20.87	20.95	20.80



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20050	20175	20300
Frequency (MHz)				1720	1732.5	1745
20	QPSK	1	0	22.57	22.66	22.59
20	QPSK	1	49	22.27	22.52	22.37
20	QPSK	1	99	22.23	22.33	22.22
20	QPSK	50	0	21.98	22.05	22.00
20	QPSK	50	24	21.91	21.94	21.95
20	QPSK	50	50	21.75	21.77	21.75
20	QPSK	100	0	21.62	21.71	21.69
20	16QAM	1	0	22.18	22.22	22.01
20	16QAM	1	49	22.03	22.04	21.99
20	16QAM	1	99	22.01	21.96	21.87
20	16QAM	50	0	21.32	21.37	21.27
20	16QAM	50	24	21.33	21.28	21.21
20	16QAM	50	50	21.20	21.19	21.08
20	16QAM	100	0	21.25	21.26	21.12
20	64QAM	1	0	22.10	22.14	22.08
20	64QAM	1	49	22.06	22.02	21.96
20	64QAM	1	99	22.00	21.90	21.90
20	64QAM	50	0	21.36	21.25	21.23
20	64QAM	50	24	21.35	21.21	21.25
20	64QAM	50	50	21.29	21.19	21.10
20	64QAM	100	0	21.28	21.09	21.15



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20025	20175	20325
Frequency (MHz)				1717.5	1732.5	1747.5
15	QPSK	1	0	22.55	22.62	22.58
15	QPSK	1	37	22.23	22.50	22.33
15	QPSK	1	74	22.21	22.27	22.17
15	QPSK	36	0	21.96	22.01	21.95
15	QPSK	36	20	21.85	21.89	21.94
15	QPSK	36	39	21.69	21.72	21.70
15	QPSK	75	0	21.57	21.66	21.65
15	16QAM	1	0	22.14	22.19	21.96
15	16QAM	1	37	21.99	22.00	21.98
15	16QAM	1	74	21.95	21.94	21.82
15	16QAM	36	0	21.29	21.35	21.24
15	16QAM	36	20	21.28	21.25	21.20
15	16QAM	36	39	21.16	21.16	21.03
15	16QAM	75	0	21.20	21.24	21.09
15	64QAM	1	0	22.05	22.11	22.05
15	64QAM	1	37	22.02	21.99	21.90
15	64QAM	1	74	21.99	21.86	21.85
15	64QAM	36	0	21.30	21.19	21.20
15	64QAM	36	20	21.31	21.18	21.24
15	64QAM	36	39	21.24	21.17	21.08
15	64QAM	75	0	21.25	21.05	21.11



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20000	20175	20350
Frequency (MHz)				1715	1732.5	1750
10	QPSK	1	0	22.47	22.62	22.54
10	QPSK	1	25	22.23	22.47	22.29
10	QPSK	1	49	22.17	22.25	22.17
10	QPSK	25	0	21.89	21.97	21.95
10	QPSK	25	12	21.84	21.84	21.86
10	QPSK	25	25	21.70	21.67	21.67
10	QPSK	50	0	21.55	21.67	21.65
10	16QAM	1	0	22.13	22.15	21.93
10	16QAM	1	25	21.95	21.98	21.97
10	16QAM	1	49	21.94	21.94	21.81
10	16QAM	25	0	21.23	21.29	21.17
10	16QAM	25	12	21.30	21.20	21.18
10	16QAM	25	25	21.17	21.11	21.00
10	16QAM	50	0	21.22	21.22	21.06
10	64QAM	1	0	22.03	22.07	22.01
10	64QAM	1	25	22.02	21.93	21.91
10	64QAM	1	49	21.91	21.85	21.84
10	64QAM	25	0	21.30	21.23	21.15
10	64QAM	25	12	21.31	21.15	21.18
10	64QAM	25	25	21.22	21.12	21.05
10	64QAM	50	0	21.22	21.02	21.09



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	22.43	22.61	22.50
5	QPSK	1	12	22.21	22.46	22.28
5	QPSK	1	24	22.15	22.19	22.12
5	QPSK	12	0	21.87	21.96	21.94
5	QPSK	12	7	21.81	21.81	21.85
5	QPSK	12	13	21.69	21.64	21.63
5	QPSK	25	0	21.50	21.62	21.63
5	16QAM	1	0	22.11	22.10	21.90
5	16QAM	1	12	21.89	21.96	21.94
5	16QAM	1	24	21.89	21.90	21.79
5	16QAM	12	0	21.20	21.27	21.16
5	16QAM	12	7	21.26	21.14	21.14
5	16QAM	12	13	21.11	21.09	20.97
5	16QAM	25	0	21.21	21.18	21.05
5	64QAM	1	0	22.00	22.03	22.00
5	64QAM	1	12	22.00	21.87	21.89
5	64QAM	1	24	21.87	21.82	21.80
5	64QAM	12	0	21.26	21.20	21.11
5	64QAM	12	7	21.28	21.09	21.13
5	64QAM	12	13	21.21	21.10	21.03
5	64QAM	25	0	21.16	21.00	21.07



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	22.41	22.56	22.44
3	QPSK	1	8	22.19	22.43	22.26
3	QPSK	1	14	22.09	22.13	22.10
3	QPSK	8	0	21.82	21.91	21.91
3	QPSK	8	4	21.77	21.77	21.82
3	QPSK	8	7	21.68	21.61	21.61
3	QPSK	15	0	21.47	21.60	21.58
3	16QAM	1	0	22.08	22.08	21.87
3	16QAM	1	8	21.83	21.90	21.92
3	16QAM	1	14	21.86	21.88	21.74
3	16QAM	8	0	21.18	21.26	21.15
3	16QAM	8	4	21.22	21.12	21.11
3	16QAM	8	7	21.07	21.08	20.94
3	16QAM	15	0	21.18	21.13	21.03
3	64QAM	1	0	21.96	22.00	21.95
3	64QAM	1	8	21.94	21.82	21.88
3	64QAM	1	14	21.81	21.79	21.78
3	64QAM	8	0	21.22	21.19	21.10
3	64QAM	8	4	21.23	21.04	21.10
3	64QAM	8	7	21.17	21.04	21.00
3	64QAM	15	0	21.13	20.98	21.06



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				19957	20175	20393
Frequency (MHz)				1710.7	1732.5	1754.3
1.4	QPSK	1	0	22.37	22.57	22.44
1.4	QPSK	1	3	22.15	22.38	22.22
1.4	QPSK	1	5	22.10	22.15	22.07
1.4	QPSK	3	0	21.79	21.93	21.90
1.4	QPSK	3	1	21.70	21.75	21.75
1.4	QPSK	3	3	21.61	21.57	21.56
1.4	QPSK	6	0	21.42	21.54	21.59
1.4	16QAM	1	0	22.03	22.02	21.84
1.4	16QAM	1	3	21.83	21.90	21.88
1.4	16QAM	1	5	21.82	21.79	21.74
1.4	16QAM	3	0	21.15	21.20	21.05
1.4	16QAM	3	1	21.21	21.10	21.04
1.4	16QAM	3	3	21.01	21.03	20.92
1.4	16QAM	6	0	21.13	21.13	20.95
1.4	64QAM	1	0	21.94	21.95	21.93
1.4	64QAM	1	3	21.96	21.85	21.80
1.4	64QAM	1	5	21.81	21.76	21.72
1.4	64QAM	3	0	21.18	21.12	21.05
1.4	64QAM	3	1	21.19	21.05	21.05
1.4	64QAM	3	3	21.13	21.02	20.93
1.4	64QAM	6	0	21.07	20.94	21.01



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	24.24	24.33	24.30
10	QPSK	1	25	24.01	24.30	24.10
10	QPSK	1	49	23.95	24.18	23.96
10	QPSK	25	0	23.17	23.28	23.23
10	QPSK	25	12	23.13	23.21	23.16
10	QPSK	25	25	23.10	23.15	23.06
10	QPSK	50	0	23.08	23.14	23.12
10	16QAM	1	0	23.43	23.62	23.47
10	16QAM	1	25	23.38	23.49	23.41
10	16QAM	1	49	23.41	23.52	23.32
10	16QAM	25	0	22.56	22.72	22.48
10	16QAM	25	12	22.43	22.62	22.38
10	16QAM	25	25	22.38	22.61	22.24
10	16QAM	50	0	22.19	22.51	22.16
10	64QAM	1	0	23.40	23.57	23.39
10	64QAM	1	25	23.30	23.51	23.35
10	64QAM	1	49	23.24	23.47	23.21
10	64QAM	25	0	22.36	22.60	22.42
10	64QAM	25	12	22.33	22.61	22.37
10	64QAM	25	25	22.23	22.57	22.24
10	64QAM	50	0	22.22	22.59	22.24



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	24.23	24.28	24.25
5	QPSK	1	12	23.99	24.25	24.07
5	QPSK	1	24	23.92	24.13	23.90
5	QPSK	12	0	23.13	23.25	23.19
5	QPSK	12	7	23.08	23.16	23.11
5	QPSK	12	13	23.04	23.09	23.05
5	QPSK	25	0	23.05	23.09	23.07
5	16QAM	1	0	23.40	23.57	23.45
5	16QAM	1	12	23.34	23.48	23.37
5	16QAM	1	24	23.38	23.48	23.29
5	16QAM	12	0	22.51	22.68	22.46
5	16QAM	12	7	22.41	22.57	22.36
5	16QAM	12	13	22.33	22.59	22.19
5	16QAM	25	0	22.17	22.46	22.12
5	64QAM	1	0	23.35	23.54	23.35
5	64QAM	1	12	23.26	23.46	23.30
5	64QAM	1	24	23.19	23.44	23.20
5	64QAM	12	0	22.31	22.54	22.36
5	64QAM	12	7	22.31	22.56	22.33
5	64QAM	12	13	22.21	22.52	22.19
5	64QAM	25	0	22.17	22.54	22.21



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	24.20	24.23	24.20
3	QPSK	1	8	23.96	24.23	24.04
3	QPSK	1	14	23.86	24.08	23.84
3	QPSK	8	0	23.08	23.21	23.16
3	QPSK	8	4	23.02	23.15	23.09
3	QPSK	8	7	23.03	23.06	23.02
3	QPSK	15	0	23.01	23.04	23.06
3	16QAM	1	0	23.37	23.53	23.41
3	16QAM	1	8	23.33	23.46	23.31
3	16QAM	1	14	23.33	23.47	23.24
3	16QAM	8	0	22.47	22.63	22.42
3	16QAM	8	4	22.37	22.52	22.35
3	16QAM	8	7	22.30	22.54	22.16
3	16QAM	15	0	22.16	22.40	22.08
3	64QAM	1	0	23.30	23.50	23.30
3	64QAM	1	8	23.21	23.43	23.26
3	64QAM	1	14	23.14	23.40	23.18
3	64QAM	8	0	22.29	22.51	22.33
3	64QAM	8	4	22.25	22.53	22.29
3	64QAM	8	7	22.18	22.50	22.17
3	64QAM	15	0	22.13	22.52	22.16



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				20407	20525	20643
Frequency (MHz)				824.7	836.5	848.3
1.4	QPSK	1	0	24.19	24.25	24.24
1.4	QPSK	1	3	23.91	24.17	23.99
1.4	QPSK	1	5	23.84	24.04	23.81
1.4	QPSK	3	0	23.06	23.18	23.14
1.4	QPSK	3	1	23.00	23.10	23.04
1.4	QPSK	3	3	22.99	23.05	22.99
1.4	QPSK	6	0	22.98	23.01	23.04
1.4	16QAM	1	0	23.31	23.50	23.37
1.4	16QAM	1	3	23.28	23.45	23.30
1.4	16QAM	1	5	23.30	23.43	23.21
1.4	16QAM	3	0	22.42	22.60	22.38
1.4	16QAM	3	1	22.35	22.50	22.33
1.4	16QAM	3	3	22.28	22.49	22.10
1.4	16QAM	6	0	22.13	22.38	22.04
1.4	64QAM	1	0	23.27	23.48	23.28
1.4	64QAM	1	3	23.16	23.39	23.24
1.4	64QAM	1	5	23.09	23.35	23.15
1.4	64QAM	3	0	22.25	22.47	22.31
1.4	64QAM	3	1	22.23	22.49	22.25
1.4	64QAM	3	3	22.16	22.46	22.16
1.4	64QAM	6	0	22.11	22.49	22.11



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				20850	21100	21350
Frequency (MHz)				2510	2535	2560
20	QPSK	1	0	22.63	22.64	22.60
20	QPSK	1	49	22.62	22.63	22.60
20	QPSK	1	99	22.44	22.56	22.43
20	QPSK	50	0	22.18	22.23	22.22
20	QPSK	50	24	22.11	22.07	22.19
20	QPSK	50	50	22.16	22.02	22.16
20	QPSK	100	0	22.03	22.12	22.10
20	16QAM	1	0	22.03	22.10	22.15
20	16QAM	1	49	22.06	22.10	22.00
20	16QAM	1	99	21.89	21.97	21.88
20	16QAM	50	0	21.29	21.36	21.35
20	16QAM	50	24	21.32	21.34	21.35
20	16QAM	50	50	21.20	21.24	21.25
20	16QAM	100	0	21.10	21.17	21.13
20	64QAM	1	0	21.86	21.91	21.91
20	64QAM	1	49	21.78	21.97	21.90
20	64QAM	1	99	21.69	21.84	21.77
20	64QAM	50	0	21.11	21.28	21.29
20	64QAM	50	24	21.04	21.21	21.18
20	64QAM	50	50	21.02	21.15	21.17
20	64QAM	100	0	20.92	21.06	21.06



LTE Band 7						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20825	21100	21375
Frequency (MHz)				2507.5	2535	2562.5
15	QPSK	1	0	22.58	22.62	22.56
15	QPSK	1	37	22.59	22.61	22.57
15	QPSK	1	74	22.38	22.53	22.38
15	QPSK	36	0	22.13	22.20	22.19
15	QPSK	36	20	22.05	22.02	22.15
15	QPSK	36	39	22.11	21.97	22.11
15	QPSK	75	0	21.97	22.10	22.08
15	16QAM	1	0	21.98	22.07	22.13
15	16QAM	1	37	22.01	22.05	21.96
15	16QAM	1	74	21.83	21.95	21.86
15	16QAM	36	0	21.24	21.32	21.32
15	16QAM	36	20	21.27	21.28	21.30
15	16QAM	36	39	21.19	21.22	21.20
15	16QAM	75	0	21.07	21.15	21.10
15	64QAM	1	0	21.81	21.89	21.90
15	64QAM	1	37	21.75	21.92	21.85
15	64QAM	1	74	21.66	21.81	21.75
15	64QAM	36	0	21.10	21.24	21.24
15	64QAM	36	20	21.03	21.17	21.16
15	64QAM	36	39	20.96	21.13	21.11
15	64QAM	75	0	20.86	21.04	21.01



LTE Band 7						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20800	21100	21400
Frequency (MHz)				2505	2535	2565
10	QPSK	1	0	22.54	22.61	22.55
10	QPSK	1	25	22.56	22.56	22.54
10	QPSK	1	49	22.34	22.51	22.34
10	QPSK	25	0	22.11	22.17	22.14
10	QPSK	25	12	22.03	21.97	22.12
10	QPSK	25	25	22.07	21.96	22.09
10	QPSK	50	0	21.95	22.07	22.05
10	16QAM	1	0	21.94	22.06	22.12
10	16QAM	1	25	21.99	22.04	21.94
10	16QAM	1	49	21.77	21.94	21.85
10	16QAM	25	0	21.21	21.28	21.29
10	16QAM	25	12	21.21	21.26	21.26
10	16QAM	25	25	21.16	21.16	21.14
10	16QAM	50	0	21.04	21.10	21.05
10	64QAM	1	0	21.80	21.84	21.88
10	64QAM	1	25	21.72	21.88	21.83
10	64QAM	1	49	21.64	21.77	21.71
10	64QAM	25	0	21.07	21.18	21.20
10	64QAM	25	12	20.98	21.14	21.12
10	64QAM	25	25	20.93	21.11	21.07
10	64QAM	50	0	20.83	21.01	20.97



LTE Band 7						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20775	21100	21425
Frequency (MHz)				2502.5	2535	2567.5
5	QPSK	1	0	22.52	22.56	22.53
5	QPSK	1	12	22.55	22.51	22.50
5	QPSK	1	24	22.30	22.48	22.33
5	QPSK	12	0	22.10	22.15	22.10
5	QPSK	12	7	21.98	21.92	22.10
5	QPSK	12	13	22.04	21.91	22.04
5	QPSK	25	0	21.89	22.04	22.04
5	16QAM	1	0	21.91	22.05	22.09
5	16QAM	1	12	21.95	22.02	21.92
5	16QAM	1	24	21.72	21.88	21.82
5	16QAM	12	0	21.19	21.23	21.26
5	16QAM	12	7	21.16	21.20	21.24
5	16QAM	12	13	21.11	21.14	21.12
5	16QAM	25	0	21.02	21.06	21.00
5	64QAM	1	0	21.74	21.80	21.82
5	64QAM	1	12	21.67	21.84	21.77
5	64QAM	1	24	21.59	21.75	21.69
5	64QAM	12	0	21.05	21.15	21.18
5	64QAM	12	7	20.96	21.10	21.06
5	64QAM	12	13	20.88	21.08	21.02
5	64QAM	25	0	20.77	20.98	20.91



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	23.93	23.99	24.04
15	QPSK	1	37	23.83	23.79	23.85
15	QPSK	1	74	23.72	23.68	23.79
15	QPSK	36	0	23.34	23.28	23.35
15	QPSK	36	20	23.09	23.10	23.16
15	QPSK	36	39	23.13	23.10	23.16
15	QPSK	75	0	23.18	23.14	23.21
15	16QAM	1	0	23.44	23.42	23.49
15	16QAM	1	37	23.25	23.28	23.33
15	16QAM	1	74	23.33	23.32	23.35
15	16QAM	36	0	22.16	22.23	22.25
15	16QAM	36	20	22.07	22.06	22.12
15	16QAM	36	39	21.96	21.97	22.06
15	16QAM	75	0	21.90	21.95	22.02
15	64QAM	1	0	23.39	23.33	23.42
15	64QAM	1	37	23.26	23.21	23.31
15	64QAM	1	74	23.13	23.08	23.20
15	64QAM	36	0	21.95	22.02	22.04
15	64QAM	36	20	21.82	21.89	21.92
15	64QAM	36	39	21.79	21.79	21.91
15	64QAM	75	0	21.77	21.84	21.88



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	23.94	23.92	24.01
10	QPSK	1	25	23.78	23.74	23.79
10	QPSK	1	49	23.66	23.66	23.73
10	QPSK	25	0	23.20	23.27	23.31
10	QPSK	25	12	23.05	23.11	23.15
10	QPSK	25	25	23.13	23.02	23.14
10	QPSK	50	0	23.06	23.08	23.16
10	16QAM	1	0	23.43	23.40	23.45
10	16QAM	1	25	23.18	23.26	23.29
10	16QAM	1	49	23.24	23.28	23.30
10	16QAM	25	0	22.20	22.19	22.24
10	16QAM	25	12	22.08	22.07	22.10
10	16QAM	25	25	21.96	22.00	22.02
10	16QAM	50	0	21.95	21.91	21.97
10	64QAM	1	0	23.35	23.38	23.40
10	64QAM	1	25	23.19	23.25	23.28
10	64QAM	1	49	23.09	23.06	23.16
10	64QAM	25	0	21.93	22.00	22.01
10	64QAM	25	12	21.79	21.77	21.87
10	64QAM	25	25	21.84	21.86	21.89
10	64QAM	50	0	21.79	21.80	21.85



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	23.90	23.96	23.97
5	QPSK	1	12	23.76	23.72	23.77
5	QPSK	1	24	23.62	23.61	23.69
5	QPSK	12	0	23.22	23.27	23.29
5	QPSK	12	7	22.98	23.00	23.10
5	QPSK	12	13	23.10	22.99	23.11
5	QPSK	25	0	23.03	23.10	23.12
5	16QAM	1	0	23.32	23.31	23.43
5	16QAM	1	12	23.22	23.19	23.27
5	16QAM	1	24	23.15	23.15	23.25
5	16QAM	12	0	22.22	22.11	22.23
5	16QAM	12	7	21.98	22.02	22.05
5	16QAM	12	13	21.84	21.90	21.96
5	16QAM	25	0	21.89	21.85	21.91
5	64QAM	1	0	23.29	23.26	23.37
5	64QAM	1	12	23.23	23.23	23.25
5	64QAM	1	24	23.04	23.13	23.15
5	64QAM	12	0	21.88	21.96	21.97
5	64QAM	12	7	21.81	21.80	21.84
5	64QAM	12	13	21.84	21.82	21.86
5	64QAM	25	0	21.82	21.73	21.83



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	23.93	23.91	23.92
3	QPSK	1	8	23.64	23.64	23.76
3	QPSK	1	14	23.56	23.64	23.67
3	QPSK	8	0	23.22	23.13	23.23
3	QPSK	8	4	23.00	23.00	23.06
3	QPSK	8	7	22.95	23.02	23.07
3	QPSK	15	0	23.07	23.00	23.09
3	16QAM	1	0	23.35	23.34	23.41
3	16QAM	1	8	23.14	23.14	23.21
3	16QAM	1	14	23.11	23.16	23.19
3	16QAM	8	0	22.14	22.17	22.19
3	16QAM	8	4	21.95	21.91	22.02
3	16QAM	8	7	21.82	21.85	21.93
3	16QAM	15	0	21.78	21.81	21.86
3	64QAM	1	0	23.26	23.27	23.32
3	64QAM	1	8	23.17	23.21	23.22
3	64QAM	1	14	23.09	23.04	23.11
3	64QAM	8	0	21.81	21.88	21.93
3	64QAM	8	4	21.76	21.68	21.78
3	64QAM	8	7	21.72	21.75	21.81
3	64QAM	15	0	21.72	21.70	21.80



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	23.89	23.82	23.90
1.4	QPSK	1	3	23.67	23.66	23.74
1.4	QPSK	1	5	23.51	23.60	23.61
1.4	QPSK	3	0	23.22	23.16	23.20
1.4	QPSK	3	1	22.94	22.96	23.01
1.4	QPSK	3	3	22.95	22.99	23.05
1.4	QPSK	6	0	22.98	22.97	23.04
1.4	16QAM	1	0	23.25	23.26	23.36
1.4	16QAM	1	3	23.18	23.19	23.19
1.4	16QAM	1	5	23.14	23.05	23.15
1.4	16QAM	3	0	22.15	22.14	22.15
1.4	16QAM	3	1	21.91	21.96	22.00
1.4	16QAM	3	3	21.84	21.89	21.90
1.4	16QAM	6	0	21.80	21.78	21.80
1.4	64QAM	1	0	23.31	23.31	23.30
1.4	64QAM	1	3	23.09	23.22	23.20
1.4	64QAM	1	5	22.97	22.96	23.07
1.4	64QAM	3	0	21.80	21.90	21.89
1.4	64QAM	3	1	21.67	21.70	21.77
1.4	64QAM	3	3	21.79	21.70	21.80
1.4	64QAM	6	0	21.73	21.68	21.79



LTE Band 38						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				37850	38000	38150
Frequency (MHz)				2580	2595	2610
20	QPSK	1	0	22.87	22.94	22.90
20	QPSK	1	49	22.83	22.89	22.86
20	QPSK	1	99	22.88	22.92	22.83
20	QPSK	50	0	22.36	22.43	22.34
20	QPSK	50	24	22.31	22.39	22.25
20	QPSK	50	50	22.17	22.27	22.25
20	QPSK	100	0	22.17	22.21	22.10
20	16QAM	1	0	22.19	22.26	22.16
20	16QAM	1	49	22.04	22.09	22.10
20	16QAM	1	99	21.93	22.07	22.02
20	16QAM	50	0	21.42	21.44	21.40
20	16QAM	50	24	21.35	21.50	21.34
20	16QAM	50	50	21.33	21.44	21.17
20	16QAM	100	0	21.15	21.32	21.08
20	64QAM	1	0	22.20	22.17	22.04
20	64QAM	1	49	22.04	22.03	22.03
20	64QAM	1	99	22.06	22.06	21.97
20	64QAM	50	0	21.46	21.44	21.32
20	64QAM	50	24	21.31	21.34	21.20
20	64QAM	50	50	21.15	21.27	21.15
20	64QAM	100	0	21.20	21.26	21.30



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	22.82	22.85	22.80
15	QPSK	1	37	22.79	22.84	22.79
15	QPSK	1	74	22.76	22.85	22.72
15	QPSK	36	0	22.35	22.42	22.26
15	QPSK	36	20	22.24	22.35	22.16
15	QPSK	36	39	22.05	22.15	22.18
15	QPSK	75	0	22.10	22.18	22.06
15	16QAM	1	0	22.14	22.23	22.06
15	16QAM	1	37	22.00	22.07	22.03
15	16QAM	1	74	21.81	22.01	21.92
15	16QAM	36	0	21.31	21.37	21.31
15	16QAM	36	20	21.25	21.39	21.29
15	16QAM	36	39	21.22	21.35	21.13
15	16QAM	75	0	21.07	21.30	21.03
15	64QAM	1	0	22.15	22.10	21.97
15	64QAM	1	37	21.94	21.96	22.02
15	64QAM	1	74	22.01	22.00	21.88
15	64QAM	36	0	21.42	21.36	21.30
15	64QAM	36	20	21.29	21.26	21.13
15	64QAM	36	39	21.09	21.16	21.06
15	64QAM	75	0	21.09	21.22	21.21



LTE Band 38						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				37800	38000	38200
Frequency (MHz)				2575	2595	2615
10	QPSK	1	0	22.76	22.80	22.68
10	QPSK	1	25	22.70	22.76	22.76
10	QPSK	1	49	22.67	22.73	22.67
10	QPSK	25	0	22.29	22.33	22.18
10	QPSK	25	12	22.21	22.26	22.14
10	QPSK	25	25	22.02	22.11	22.16
10	QPSK	50	0	22.09	22.10	21.97
10	16QAM	1	0	22.09	22.12	22.03
10	16QAM	1	25	21.96	21.95	22.01
10	16QAM	1	49	21.71	21.99	21.89
10	16QAM	25	0	21.26	21.34	21.24
10	16QAM	25	12	21.22	21.37	21.18
10	16QAM	25	25	21.17	21.26	21.08
10	16QAM	50	0	20.96	21.24	20.97
10	64QAM	1	0	21.97	22.00	21.86
10	64QAM	1	25	21.82	21.92	22.00
10	64QAM	1	49	21.99	21.96	21.87
10	64QAM	25	0	21.38	21.35	21.18
10	64QAM	25	12	21.19	21.17	21.10
10	64QAM	25	25	20.99	21.04	20.97
10	64QAM	50	0	21.05	21.13	21.09



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	22.65	22.69	22.67
5	QPSK	1	12	22.60	22.64	22.64
5	QPSK	1	24	22.55	22.60	22.54
5	QPSK	12	0	22.20	22.34	22.10
5	QPSK	12	7	22.14	22.20	22.03
5	QPSK	12	13	21.88	21.99	22.05
5	QPSK	25	0	21.93	22.03	21.91
5	16QAM	1	0	22.05	22.03	21.89
5	16QAM	1	12	21.87	21.93	21.89
5	16QAM	1	24	21.64	21.83	21.77
5	16QAM	12	0	21.17	21.18	21.20
5	16QAM	12	7	21.06	21.29	21.21
5	16QAM	12	13	21.18	21.22	21.00
5	16QAM	25	0	20.94	21.11	20.86
5	64QAM	1	0	22.01	21.98	21.84
5	64QAM	1	12	21.84	21.83	21.90
5	64QAM	1	24	21.89	21.91	21.74
5	64QAM	12	0	21.29	21.22	21.11
5	64QAM	12	7	21.19	21.14	20.96
5	64QAM	12	13	20.95	21.04	20.87
5	64QAM	25	0	20.99	21.04	21.11



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	/	23.00	/
10	QPSK	1	25	/	22.91	/
10	QPSK	1	49	/	22.83	/
10	QPSK	25	0	/	22.43	/
10	QPSK	25	12	/	22.41	/
10	QPSK	25	25	/	22.24	/
10	QPSK	50	0	/	22.23	/
10	16QAM	1	0	/	22.15	/
10	16QAM	1	25	/	22.05	/
10	16QAM	1	49	/	21.98	/
10	16QAM	25	0	/	21.43	/
10	16QAM	25	12	/	21.24	/
10	16QAM	25	25	/	21.27	/
10	16QAM	50	0	/	21.18	/
10	64QAM	1	0	/	22.15	/
10	64QAM	1	25	/	22.01	/
10	64QAM	1	49	/	22.00	/
10	64QAM	25	0	/	21.31	/
10	64QAM	25	12	/	21.27	/
10	64QAM	25	25	/	21.17	/
10	64QAM	50	0	/	21.08	/



LTE Band 40, Block A						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				38725	38750	38775
Frequency (MHz)				2307.5	2310	2312.5
5	QPSK	1	0	22.81	22.90	22.85
5	QPSK	1	12	22.79	22.86	22.76
5	QPSK	1	24	22.76	22.71	22.64
5	QPSK	12	0	22.31	22.43	22.30
5	QPSK	12	7	22.25	22.33	22.23
5	QPSK	12	13	22.17	22.30	22.18
5	QPSK	25	0	22.19	22.16	22.12
5	16QAM	1	0	22.10	22.09	22.01
5	16QAM	1	12	21.91	21.99	21.92
5	16QAM	1	24	21.91	21.95	21.80
5	16QAM	12	0	21.29	21.36	21.23
5	16QAM	12	7	21.14	21.29	21.09
5	16QAM	12	13	21.09	21.15	21.03
5	16QAM	25	0	21.02	21.10	20.97
5	64QAM	1	0	22.09	22.07	21.88
5	64QAM	1	12	21.97	21.97	21.91
5	64QAM	1	24	21.87	21.89	21.75
5	64QAM	12	0	21.33	21.25	21.17
5	64QAM	12	7	21.15	21.25	21.05
5	64QAM	12	13	21.06	21.14	20.95
5	64QAM	25	0	20.96	20.97	20.78



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	/	23.01	/
10	QPSK	1	25	/	22.85	/
10	QPSK	1	49	/	22.76	/
10	QPSK	25	0	/	22.44	/
10	QPSK	25	12	/	22.39	/
10	QPSK	25	25	/	22.25	/
10	QPSK	50	0	/	22.26	/
10	16QAM	1	0	/	22.17	/
10	16QAM	1	25	/	22.10	/
10	16QAM	1	49	/	21.93	/
10	16QAM	25	0	/	21.42	/
10	16QAM	25	12	/	21.24	/
10	16QAM	25	25	/	21.23	/
10	16QAM	50	0	/	21.21	/
10	64QAM	1	0	/	22.17	/
10	64QAM	1	25	/	22.02	/
10	64QAM	1	49	/	21.97	/
10	64QAM	25	0	/	21.41	/
10	64QAM	25	12	/	21.28	/
10	64QAM	25	25	/	21.12	/
10	64QAM	50	0	/	21.04	/



LTE Band 40, Block B						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39175	39200	39225
Frequency (MHz)				2352.5	2355	2357.5
5	QPSK	1	0	22.90	22.96	22.80
5	QPSK	1	12	22.80	22.86	22.74
5	QPSK	1	24	22.74	22.75	22.63
5	QPSK	12	0	22.34	22.43	22.29
5	QPSK	12	7	22.23	22.34	22.26
5	QPSK	12	13	22.15	22.31	22.11
5	QPSK	25	0	22.18	22.20	22.07
5	16QAM	1	0	22.02	22.10	22.03
5	16QAM	1	12	22.01	21.95	21.89
5	16QAM	1	24	21.89	22.01	21.87
5	16QAM	12	0	21.34	21.38	21.24
5	16QAM	12	7	21.21	21.23	21.07
5	16QAM	12	13	21.17	21.17	21.02
5	16QAM	25	0	21.09	21.07	21.04
5	64QAM	1	0	22.05	22.12	21.95
5	64QAM	1	12	21.93	22.02	21.92
5	64QAM	1	24	21.88	21.93	21.79
5	64QAM	12	0	21.32	21.36	21.19
5	64QAM	12	7	21.11	21.27	21.06
5	64QAM	12	13	21.08	21.12	20.99
5	64QAM	25	0	20.91	21.01	20.87



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				40140	40640	41340
Frequency (MHz)				2545	2595	2665
20	QPSK	1	0	22.89	23.06	22.98
20	QPSK	1	49	22.76	23.01	22.90
20	QPSK	1	99	22.70	22.86	22.90
20	QPSK	50	0	21.97	22.20	22.19
20	QPSK	50	24	21.83	22.15	22.06
20	QPSK	50	50	21.82	22.10	21.93
20	QPSK	100	0	21.66	21.90	21.84
20	16QAM	1	0	21.84	22.12	22.06
20	16QAM	1	49	21.67	22.05	22.02
20	16QAM	1	99	21.65	21.97	21.93
20	16QAM	50	0	21.05	21.32	21.37
20	16QAM	50	24	20.91	21.29	21.26
20	16QAM	50	50	20.84	21.21	21.23
20	16QAM	100	0	20.85	21.14	21.10
20	64QAM	1	0	21.74	22.05	21.97
20	64QAM	1	49	21.71	21.99	21.94
20	64QAM	1	99	21.59	21.85	21.93
20	64QAM	50	0	21.01	21.38	21.36
20	64QAM	50	24	20.97	21.30	21.24
20	64QAM	50	50	20.93	21.11	21.17
20	64QAM	100	0	20.84	21.04	21.12



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				40115	40640	41365
Frequency (MHz)				2542.5	2595	2667.5
15	QPSK	1	0	22.83	23.04	22.92
15	QPSK	1	37	22.65	23.00	22.86
15	QPSK	1	74	22.64	22.79	22.87
15	QPSK	36	0	21.95	22.19	22.16
15	QPSK	36	20	21.72	22.08	21.99
15	QPSK	36	39	21.71	22.07	21.87
15	QPSK	75	0	21.56	21.80	21.76
15	16QAM	1	0	21.73	22.09	21.99
15	16QAM	1	37	21.58	22.01	22.01
15	16QAM	1	74	21.63	21.88	21.91
15	16QAM	36	0	20.94	21.29	21.26
15	16QAM	36	20	20.86	21.20	21.20
15	16QAM	36	39	20.83	21.15	21.18
15	16QAM	75	0	20.80	21.02	21.08
15	64QAM	1	0	21.65	22.00	21.94
15	64QAM	1	37	21.60	21.94	21.85
15	64QAM	1	74	21.52	21.76	21.88
15	64QAM	36	0	20.99	21.32	21.31
15	64QAM	36	20	20.87	21.24	21.15
15	64QAM	36	39	20.85	21.07	21.05
15	64QAM	75	0	20.83	21.01	21.08



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				40090	40640	41390
Frequency (MHz)				2540	2605	2670
10	QPSK	1	0	22.70	23.01	22.91
10	QPSK	1	25	22.60	22.96	22.75
10	QPSK	1	49	22.53	22.78	22.78
10	QPSK	25	0	21.89	22.09	22.15
10	QPSK	25	12	21.65	22.01	21.93
10	QPSK	25	25	21.62	22.03	21.85
10	QPSK	50	0	21.53	21.72	21.66
10	16QAM	1	0	21.64	22.06	21.97
10	16QAM	1	25	21.52	21.98	21.99
10	16QAM	1	49	21.53	21.77	21.88
10	16QAM	25	0	20.88	21.20	21.25
10	16QAM	25	12	20.78	21.12	21.12
10	16QAM	25	25	20.80	21.07	21.12
10	16QAM	50	0	20.78	20.97	21.07
10	64QAM	1	0	21.54	21.94	21.84
10	64QAM	1	25	21.51	21.87	21.83
10	64QAM	1	49	21.49	21.66	21.76
10	64QAM	25	0	20.93	21.21	21.27
10	64QAM	25	12	20.77	21.21	21.14
10	64QAM	25	25	20.79	20.98	20.93
10	64QAM	50	0	20.80	20.94	20.98



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				40065	40640	41415
Frequency (MHz)				2537.5	2605	2672.5
5	QPSK	1	0	22.77	22.94	22.78
5	QPSK	1	12	22.58	22.92	22.73
5	QPSK	1	24	22.59	22.67	22.80
5	QPSK	12	0	21.86	22.09	22.05
5	QPSK	12	7	21.63	22.02	21.91
5	QPSK	12	13	21.66	21.98	21.81
5	QPSK	25	0	21.52	21.69	21.62
5	16QAM	1	0	21.62	22.00	21.86
5	16QAM	1	12	21.53	21.92	21.93
5	16QAM	1	24	21.58	21.77	21.86
5	16QAM	12	0	20.83	21.16	21.11
5	16QAM	12	7	20.74	21.07	21.12
5	16QAM	12	13	20.76	21.11	21.12
5	16QAM	25	0	20.75	20.97	20.93
5	64QAM	1	0	21.51	21.89	21.82
5	64QAM	1	12	21.47	21.80	21.74
5	64QAM	1	24	21.45	21.64	21.73
5	64QAM	12	0	20.86	21.21	21.23
5	64QAM	12	7	20.76	21.14	21.06
5	64QAM	12	13	20.75	20.97	20.98
5	64QAM	25	0	20.76	20.87	20.97



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				132072	132322	132572
Frequency (MHz)				1720	1745	1770
20	QPSK	1	0	22.76	22.80	22.74
20	QPSK	1	49	22.71	22.64	22.66
20	QPSK	1	99	22.59	22.60	22.57
20	QPSK	50	0	22.38	22.43	22.27
20	QPSK	50	24	22.21	22.30	22.15
20	QPSK	50	50	22.21	22.23	22.06
20	QPSK	100	0	22.03	22.19	22.01
20	16QAM	1	0	22.31	22.40	22.39
20	16QAM	1	49	22.11	22.27	22.26
20	16QAM	1	99	22.09	22.31	22.13
20	16QAM	50	0	21.44	21.56	21.67
20	16QAM	50	24	21.33	21.61	21.60
20	16QAM	50	50	21.17	21.45	21.42
20	16QAM	100	0	21.06	21.49	21.32
20	64QAM	1	0	21.81	21.95	21.79
20	64QAM	1	49	21.58	21.71	21.56
20	64QAM	1	99	21.56	21.67	21.56
20	64QAM	50	0	20.95	21.15	20.95
20	64QAM	50	24	20.96	21.03	20.97
20	64QAM	50	50	20.78	20.99	20.82
20	64QAM	100	0	20.67	21.07	20.83



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	22.73	22.78	22.71
15	QPSK	1	37	22.70	22.61	22.62
15	QPSK	1	74	22.57	22.54	22.51
15	QPSK	36	0	22.33	22.40	22.22
15	QPSK	36	20	22.18	22.28	22.13
15	QPSK	36	39	22.19	22.19	22.01
15	QPSK	75	0	21.98	22.15	21.96
15	16QAM	1	0	22.29	22.38	22.34
15	16QAM	1	37	22.09	22.24	22.23
15	16QAM	1	74	22.07	22.28	22.10
15	16QAM	36	0	21.38	21.51	21.61
15	16QAM	36	20	21.28	21.56	21.55
15	16QAM	36	39	21.14	21.39	21.38
15	16QAM	75	0	21.05	21.44	21.27
15	64QAM	1	0	21.77	21.90	21.74
15	64QAM	1	37	21.55	21.67	21.51
15	64QAM	1	74	21.52	21.63	21.51
15	64QAM	36	0	20.94	21.13	20.92
15	64QAM	36	20	20.92	20.98	20.92
15	64QAM	36	39	20.75	20.95	20.78
15	64QAM	75	0	20.64	21.04	20.77



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	22.71	22.77	22.67
10	QPSK	1	25	22.69	22.59	22.56
10	QPSK	1	49	22.52	22.50	22.48
10	QPSK	25	0	22.30	22.37	22.21
10	QPSK	25	12	22.16	22.24	22.11
10	QPSK	25	25	22.15	22.15	22.00
10	QPSK	50	0	21.95	22.11	21.90
10	16QAM	1	0	22.26	22.34	22.29
10	16QAM	1	25	22.04	22.19	22.18
10	16QAM	1	49	22.02	22.25	22.09
10	16QAM	25	0	21.33	21.49	21.56
10	16QAM	25	12	21.26	21.53	21.52
10	16QAM	25	25	21.12	21.36	21.36
10	16QAM	50	0	21.04	21.41	21.26
10	64QAM	1	0	21.74	21.87	21.71
10	64QAM	1	25	21.51	21.63	21.47
10	64QAM	1	49	21.46	21.58	21.45
10	64QAM	25	0	20.88	21.10	20.90
10	64QAM	25	12	20.90	20.97	20.89
10	64QAM	25	25	20.74	20.90	20.75
10	64QAM	50	0	20.61	21.02	20.74



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	22.69	22.75	22.64
5	QPSK	1	12	22.65	22.54	22.53
5	QPSK	1	24	22.47	22.47	22.45
5	QPSK	12	0	22.24	22.34	22.18
5	QPSK	12	7	22.12	22.23	22.06
5	QPSK	12	13	22.10	22.10	21.95
5	QPSK	25	0	21.93	22.07	21.84
5	16QAM	1	0	22.22	22.29	22.26
5	16QAM	1	12	21.99	22.15	22.13
5	16QAM	1	24	21.96	22.19	22.03
5	16QAM	12	0	21.28	21.44	21.51
5	16QAM	12	7	21.20	21.49	21.50
5	16QAM	12	13	21.08	21.32	21.33
5	16QAM	25	0	21.02	21.40	21.22
5	64QAM	1	0	21.69	21.84	21.68
5	64QAM	1	12	21.47	21.58	21.45
5	64QAM	1	24	21.41	21.54	21.41
5	64QAM	12	0	20.84	21.07	20.85
5	64QAM	12	7	20.84	20.94	20.88
5	64QAM	12	13	20.72	20.86	20.70
5	64QAM	25	0	20.57	20.96	20.70



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	22.65	22.72	22.59
3	QPSK	1	8	22.63	22.49	22.50
3	QPSK	1	14	22.41	22.45	22.40
3	QPSK	8	0	22.20	22.29	22.13
3	QPSK	8	4	22.10	22.17	22.04
3	QPSK	8	7	22.05	22.08	21.90
3	QPSK	15	0	21.91	22.04	21.82
3	16QAM	1	0	22.17	22.25	22.22
3	16QAM	1	8	21.96	22.11	22.07
3	16QAM	1	14	21.95	22.17	21.98
3	16QAM	8	0	21.26	21.39	21.48
3	16QAM	8	4	21.15	21.45	21.47
3	16QAM	8	7	21.04	21.31	21.30
3	16QAM	15	0	20.99	21.38	21.18
3	64QAM	1	0	21.66	21.82	21.64
3	64QAM	1	8	21.45	21.54	21.42
3	64QAM	1	14	21.35	21.50	21.37
3	64QAM	8	0	20.81	21.05	20.82
3	64QAM	8	4	20.82	20.88	20.83
3	64QAM	8	7	20.69	20.84	20.66
3	64QAM	15	0	20.52	20.92	20.65



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	22.60	22.66	22.56
1.4	QPSK	1	3	22.53	22.46	22.47
1.4	QPSK	1	5	22.42	22.39	22.34
1.4	QPSK	3	0	22.15	22.28	22.11
1.4	QPSK	3	1	22.03	22.15	21.96
1.4	QPSK	3	3	22.04	22.03	21.90
1.4	QPSK	6	0	21.86	21.99	21.76
1.4	16QAM	1	0	22.16	22.23	22.23
1.4	16QAM	1	3	21.94	22.07	22.05
1.4	16QAM	1	5	21.87	22.13	21.97
1.4	16QAM	3	0	21.20	21.36	21.43
1.4	16QAM	3	1	21.13	21.43	21.46
1.4	16QAM	3	3	21.00	21.20	21.24
1.4	16QAM	6	0	20.96	21.29	21.12
1.4	64QAM	1	0	21.64	21.78	21.66
1.4	64QAM	1	3	21.40	21.54	21.36
1.4	64QAM	1	5	21.37	21.50	21.34
1.4	64QAM	3	0	20.74	21.01	20.75
1.4	64QAM	3	1	20.79	20.83	20.83
1.4	64QAM	3	3	20.66	20.80	20.63
1.4	64QAM	6	0	20.51	20.89	20.62

**Bottom Antenna**

LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18700	18900	19100
Frequency (MHz)				1860	1880	1900
20	QPSK	1	0	22.87	22.93	22.90
20	QPSK	1	49	22.76	22.81	22.82
20	QPSK	1	99	22.68	22.73	22.69
20	QPSK	50	0	22.47	22.49	22.48
20	QPSK	50	24	22.37	22.40	22.39
20	QPSK	50	50	22.35	22.34	22.28
20	QPSK	100	0	22.26	22.27	22.24
20	16QAM	1	0	22.32	22.51	22.49
20	16QAM	1	49	22.26	22.40	22.46
20	16QAM	1	99	22.22	22.36	22.44
20	16QAM	50	0	21.50	21.63	21.67
20	16QAM	50	24	21.44	21.54	21.56
20	16QAM	50	50	21.35	21.43	21.50
20	16QAM	100	0	21.40	21.50	21.48
20	64QAM	1	0	22.21	22.35	22.33
20	64QAM	1	49	22.18	22.31	22.24
20	64QAM	1	99	22.13	22.23	22.11
20	64QAM	50	0	21.39	21.56	21.39
20	64QAM	50	24	21.35	21.46	21.33
20	64QAM	50	50	21.29	21.36	21.26
20	64QAM	100	0	21.27	21.39	21.23



LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18675	18900	19125
Frequency (MHz)				1857.5	1880	1902.5
15	QPSK	1	0	22.86	22.91	22.90
15	QPSK	1	37	22.85	22.90	22.86
15	QPSK	1	74	22.78	22.84	22.79
15	QPSK	36	0	22.33	22.38	22.35
15	QPSK	36	20	22.30	22.34	22.28
15	QPSK	36	39	22.19	22.21	22.20
15	QPSK	75	0	22.13	22.24	22.12
15	16QAM	1	0	22.16	22.22	22.15
15	16QAM	1	37	21.95	22.10	22.11
15	16QAM	1	74	21.93	22.05	22.02
15	16QAM	36	0	21.35	21.40	21.41
15	16QAM	36	20	21.34	21.42	21.30
15	16QAM	36	39	21.27	21.36	21.18
15	16QAM	75	0	21.16	21.33	21.15
15	64QAM	1	0	22.14	22.15	22.04
15	64QAM	1	37	22.08	22.01	22.03
15	64QAM	1	74	21.97	21.96	21.91
15	64QAM	36	0	21.41	21.38	21.31
15	64QAM	36	20	21.27	21.28	21.18
15	64QAM	36	39	21.16	21.23	21.15
15	64QAM	75	0	21.23	21.22	21.23



LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18650	18900	19150
Frequency (MHz)				1855	1880	1905
10	QPSK	1	0	22.73	22.87	22.83
10	QPSK	1	25	22.75	22.81	22.79
10	QPSK	1	49	22.67	22.76	22.68
10	QPSK	25	0	22.27	22.27	22.25
10	QPSK	25	12	22.22	22.24	22.19
10	QPSK	25	25	22.12	22.10	22.13
10	QPSK	50	0	22.03	22.18	22.04
10	16QAM	1	0	22.07	22.12	22.04
10	16QAM	1	25	21.87	22.03	21.99
10	16QAM	1	49	21.87	21.96	21.94
10	16QAM	25	0	21.28	21.35	21.32
10	16QAM	25	12	21.24	21.33	21.21
10	16QAM	25	25	21.17	21.27	21.15
10	16QAM	50	0	21.15	21.23	21.11
10	64QAM	1	0	22.10	22.05	21.96
10	64QAM	1	25	22.00	21.93	21.95
10	64QAM	1	49	21.87	21.87	21.83
10	64QAM	25	0	21.31	21.31	21.23
10	64QAM	25	12	21.21	21.21	21.10
10	64QAM	25	25	21.08	21.16	21.08
10	64QAM	50	0	21.12	21.12	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				18625	18900	19175
Frequency (MHz)				1852.5	1880	1907.5
5	QPSK	1	0	22.70	22.80	22.77
5	QPSK	1	12	22.73	22.76	22.76
5	QPSK	1	24	22.65	22.73	22.64
5	QPSK	12	0	22.23	22.23	22.18
5	QPSK	12	7	22.17	22.21	22.16
5	QPSK	12	13	22.06	22.05	22.07
5	QPSK	25	0	21.97	22.14	22.00
5	16QAM	1	0	22.03	22.09	22.02
5	16QAM	1	12	21.83	21.97	21.95
5	16QAM	1	24	21.85	21.93	21.90
5	16QAM	12	0	21.25	21.32	21.28
5	16QAM	12	7	21.20	21.27	21.18
5	16QAM	12	13	21.14	21.22	21.15
5	16QAM	25	0	21.11	21.19	21.11
5	64QAM	1	0	22.04	22.01	21.89
5	64QAM	1	12	21.93	21.86	21.91
5	64QAM	1	24	21.82	21.84	21.80
5	64QAM	12	0	21.25	21.26	21.19
5	64QAM	12	7	21.15	21.16	21.05
5	64QAM	12	13	21.01	21.13	21.04
5	64QAM	25	0	21.08	21.09	21.15



LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18615	18900	19185
Frequency (MHz)				1851.5	1880	1908.5
3	QPSK	1	0	22.64	22.78	22.73
3	QPSK	1	8	22.69	22.72	22.71
3	QPSK	1	14	22.61	22.69	22.60
3	QPSK	8	0	22.20	22.18	22.13
3	QPSK	8	4	22.12	22.15	22.09
3	QPSK	8	7	22.03	22.00	22.01
3	QPSK	15	0	21.92	22.09	21.97
3	16QAM	1	0	21.99	22.03	21.98
3	16QAM	1	8	21.76	21.93	21.88
3	16QAM	1	14	21.82	21.91	21.88
3	16QAM	8	0	21.20	21.29	21.22
3	16QAM	8	4	21.14	21.21	21.11
3	16QAM	8	7	21.07	21.19	21.04
3	16QAM	15	0	20.94	21.14	20.93
3	64QAM	1	0	21.99	21.96	21.87
3	64QAM	1	8	21.87	21.83	21.88
3	64QAM	1	14	21.76	21.82	21.76
3	64QAM	8	0	21.21	21.21	21.16
3	64QAM	8	4	21.10	21.10	21.03
3	64QAM	8	7	20.96	21.08	21.02
3	64QAM	15	0	21.03	21.05	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				18607	18900	19193
Frequency (MHz)				1850.7	1880	1909.3
1.4	QPSK	1	0	22.63	22.76	22.73
1.4	QPSK	1	3	22.69	22.72	22.72
1.4	QPSK	1	5	22.61	22.67	22.58
1.4	QPSK	3	0	22.17	22.20	22.12
1.4	QPSK	3	1	22.14	22.15	22.11
1.4	QPSK	3	3	22.01	22.01	22.04
1.4	QPSK	6	0	21.95	22.08	21.93
1.4	16QAM	1	0	21.99	22.03	21.97
1.4	16QAM	1	3	21.79	21.94	21.89
1.4	16QAM	1	5	21.81	21.87	21.88
1.4	16QAM	3	0	21.21	21.29	21.24
1.4	16QAM	3	1	21.17	21.24	21.11
1.4	16QAM	3	3	21.08	21.16	21.01
1.4	16QAM	6	0	20.96	21.16	20.93
1.4	64QAM	1	0	21.98	21.94	21.84
1.4	64QAM	1	3	21.88	21.81	21.88
1.4	64QAM	1	5	21.75	21.82	21.76
1.4	64QAM	3	0	21.23	21.22	21.12
1.4	64QAM	3	1	21.08	21.13	21.00
1.4	64QAM	3	3	20.98	21.07	20.98
1.4	64QAM	6	0	21.04	21.06	21.12



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20050	20175	20300
Frequency (MHz)				1720	1732.5	1745
20	QPSK	1	0	22.80	22.88	22.86
20	QPSK	1	49	22.67	22.84	22.73
20	QPSK	1	99	22.62	22.73	22.62
20	QPSK	50	0	22.53	22.57	22.55
20	QPSK	50	24	22.43	22.46	22.43
20	QPSK	50	50	22.34	22.39	22.31
20	QPSK	100	0	22.21	22.29	22.18
20	16QAM	1	0	22.39	22.40	22.33
20	16QAM	1	49	22.30	22.34	22.26
20	16QAM	1	99	22.23	22.28	22.18
20	16QAM	50	0	21.53	21.55	21.46
20	16QAM	50	24	21.49	21.52	21.43
20	16QAM	50	50	21.45	21.45	21.33
20	16QAM	100	0	21.46	21.44	21.30
20	64QAM	1	0	22.30	22.31	22.29
20	64QAM	1	49	22.27	22.21	22.19
20	64QAM	1	99	22.24	22.12	22.13
20	64QAM	50	0	21.58	21.48	21.46
20	64QAM	50	24	21.54	21.43	21.42
20	64QAM	50	50	21.48	21.36	21.35
20	64QAM	100	0	21.49	21.35	21.33



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20025	20175	20325
Frequency (MHz)				1717.5	1732.5	1747.5
15	QPSK	1	0	22.75	22.84	22.80
15	QPSK	1	37	22.60	22.77	22.70
15	QPSK	1	74	22.56	22.67	22.57
15	QPSK	36	0	22.49	22.53	22.48
15	QPSK	36	20	22.38	22.42	22.41
15	QPSK	36	39	22.29	22.33	22.29
15	QPSK	75	0	22.15	22.26	22.15
15	16QAM	1	0	22.33	22.36	22.29
15	16QAM	1	37	22.24	22.31	22.21
15	16QAM	1	74	22.20	22.26	22.14
15	16QAM	36	0	21.47	21.52	21.44
15	16QAM	36	20	21.44	21.47	21.39
15	16QAM	36	39	21.43	21.41	21.28
15	16QAM	75	0	21.44	21.40	21.27
15	64QAM	1	0	22.23	22.25	22.23
15	64QAM	1	37	22.21	22.18	22.13
15	64QAM	1	74	22.19	22.08	22.07
15	64QAM	36	0	21.54	21.43	21.43
15	64QAM	36	20	21.50	21.36	21.39
15	64QAM	36	39	21.41	21.30	21.32
15	64QAM	75	0	21.43	21.28	21.30



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20000	20175	20350
Frequency (MHz)				1715	1732.5	1750
10	QPSK	1	0	22.70	22.80	22.78
10	QPSK	1	25	22.58	22.70	22.67
10	QPSK	1	49	22.53	22.63	22.53
10	QPSK	25	0	22.43	22.46	22.45
10	QPSK	25	12	22.33	22.35	22.39
10	QPSK	25	25	22.27	22.28	22.24
10	QPSK	50	0	22.12	22.19	22.11
10	16QAM	1	0	22.29	22.31	22.23
10	16QAM	1	25	22.20	22.28	22.15
10	16QAM	1	49	22.18	22.22	22.08
10	16QAM	25	0	21.45	21.48	21.40
10	16QAM	25	12	21.42	21.42	21.34
10	16QAM	25	25	21.41	21.39	21.24
10	16QAM	50	0	21.37	21.37	21.20
10	64QAM	1	0	22.17	22.21	22.17
10	64QAM	1	25	22.15	22.16	22.07
10	64QAM	1	49	22.14	22.05	22.04
10	64QAM	25	0	21.50	21.36	21.39
10	64QAM	25	12	21.45	21.33	21.32
10	64QAM	25	25	21.39	21.27	21.25
10	64QAM	50	0	21.39	21.22	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				19975	20175	20375
Frequency (MHz)				1712.5	1732.5	1752.5
5	QPSK	1	0	22.65	22.78	22.73
5	QPSK	1	12	22.55	22.66	22.60
5	QPSK	1	24	22.47	22.61	22.50
5	QPSK	12	0	22.36	22.41	22.42
5	QPSK	12	7	22.30	22.31	22.34
5	QPSK	12	13	22.21	22.21	22.22
5	QPSK	25	0	22.06	22.14	22.04
5	16QAM	1	0	22.25	22.27	22.20
5	16QAM	1	12	22.14	22.25	22.13
5	16QAM	1	24	22.13	22.18	22.03
5	16QAM	12	0	21.40	21.45	21.37
5	16QAM	12	7	21.37	21.35	21.30
5	16QAM	12	13	21.35	21.33	21.22
5	16QAM	25	0	21.31	21.30	21.13
5	64QAM	1	0	22.13	22.17	22.12
5	64QAM	1	12	22.09	22.11	22.04
5	64QAM	1	24	22.07	22.03	22.01
5	64QAM	12	0	21.45	21.32	21.35
5	64QAM	12	7	21.40	21.29	21.27
5	64QAM	12	13	21.35	21.23	21.22
5	64QAM	25	0	21.34	21.20	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	22.61	22.74	22.69
3	QPSK	1	8	22.50	22.62	22.54
3	QPSK	1	14	22.44	22.55	22.44
3	QPSK	8	0	22.32	22.39	22.38
3	QPSK	8	4	22.26	22.27	22.31
3	QPSK	8	7	22.14	22.14	22.17
3	QPSK	15	0	22.01	22.11	22.00
3	16QAM	1	0	22.22	22.24	22.15
3	16QAM	1	8	22.10	22.19	22.08
3	16QAM	1	14	22.08	22.16	21.98
3	16QAM	8	0	21.36	21.43	21.30
3	16QAM	8	4	21.32	21.29	21.26
3	16QAM	8	7	21.30	21.31	21.18
3	16QAM	15	0	21.29	21.27	21.08
3	64QAM	1	0	22.07	22.11	22.07
3	64QAM	1	8	22.03	22.09	22.00
3	64QAM	1	14	22.02	21.98	21.96
3	64QAM	8	0	21.41	21.27	21.29
3	64QAM	8	4	21.37	21.26	21.21
3	64QAM	8	7	21.32	21.18	21.16
3	64QAM	15	0	21.32	21.15	21.12



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				19957	20175	20393
Frequency (MHz)				1710.7	1732.5	1754.3
1.4	QPSK	1	0	22.62	22.71	22.68
1.4	QPSK	1	3	22.48	22.61	22.57
1.4	QPSK	1	5	22.43	22.58	22.47
1.4	QPSK	3	0	22.31	22.34	22.38
1.4	QPSK	3	1	22.27	22.27	22.29
1.4	QPSK	3	3	22.14	22.15	22.19
1.4	QPSK	6	0	22.01	22.08	21.99
1.4	16QAM	1	0	22.19	22.21	22.14
1.4	16QAM	1	3	22.09	22.22	22.09
1.4	16QAM	1	5	22.10	22.13	21.97
1.4	16QAM	3	0	21.36	21.41	21.31
1.4	16QAM	3	1	21.34	21.30	21.26
1.4	16QAM	3	3	21.32	21.28	21.20
1.4	16QAM	6	0	21.27	21.24	21.09
1.4	64QAM	1	0	22.08	22.14	22.07
1.4	64QAM	1	3	22.03	22.07	22.02
1.4	64QAM	1	5	22.01	21.98	21.97
1.4	64QAM	3	0	21.39	21.28	21.33
1.4	64QAM	3	1	21.34	21.26	21.24
1.4	64QAM	3	3	21.28	21.19	21.18
1.4	64QAM	6	0	21.25	21.15	21.11



LTE Band 5						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20450	20525	20600
Frequency (MHz)				829	836.5	844
10	QPSK	1	0	24.30	24.44	24.33
10	QPSK	1	25	24.21	24.41	24.22
10	QPSK	1	49	24.11	24.37	24.10
10	QPSK	25	0	23.36	23.49	23.39
10	QPSK	25	12	23.33	23.37	23.30
10	QPSK	25	25	23.27	23.27	23.22
10	QPSK	50	0	23.27	23.28	23.24
10	16QAM	1	0	23.63	23.80	23.66
10	16QAM	1	25	23.58	23.70	23.58
10	16QAM	1	49	23.53	23.66	23.51
10	16QAM	25	0	22.70	22.86	22.66
10	16QAM	25	12	22.65	22.76	22.55
10	16QAM	25	25	22.53	22.73	22.42
10	16QAM	50	0	22.41	22.63	22.31
10	64QAM	1	0	23.55	23.76	23.58
10	64QAM	1	25	23.48	23.68	23.51
10	64QAM	1	49	23.39	23.59	23.41
10	64QAM	25	0	22.51	22.79	22.55
10	64QAM	25	12	22.47	22.77	22.49
10	64QAM	25	25	22.45	22.75	22.45
10	64QAM	50	0	22.37	22.73	22.39



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	24.24	24.38	24.30
5	QPSK	1	12	24.18	24.35	24.20
5	QPSK	1	24	24.08	24.31	24.06
5	QPSK	12	0	23.30	23.46	23.35
5	QPSK	12	7	23.27	23.35	23.25
5	QPSK	12	13	23.20	23.21	23.19
5	QPSK	25	0	23.20	23.22	23.18
5	16QAM	1	0	23.57	23.73	23.60
5	16QAM	1	12	23.52	23.67	23.55
5	16QAM	1	24	23.47	23.63	23.45
5	16QAM	12	0	22.68	22.80	22.60
5	16QAM	12	7	22.61	22.73	22.50
5	16QAM	12	13	22.50	22.71	22.37
5	16QAM	25	0	22.35	22.60	22.28
5	64QAM	1	0	23.51	23.74	23.55
5	64QAM	1	12	23.42	23.64	23.44
5	64QAM	1	24	23.35	23.53	23.36
5	64QAM	12	0	22.47	22.75	22.52
5	64QAM	12	7	22.44	22.71	22.45
5	64QAM	12	13	22.42	22.70	22.39
5	64QAM	25	0	22.32	22.68	22.35



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	24.18	24.35	24.27
3	QPSK	1	8	24.15	24.31	24.13
3	QPSK	1	14	24.01	24.25	24.00
3	QPSK	8	0	23.27	23.43	23.33
3	QPSK	8	4	23.23	23.33	23.19
3	QPSK	8	7	23.17	23.15	23.16
3	QPSK	15	0	23.16	23.18	23.16
3	16QAM	1	0	23.51	23.71	23.57
3	16QAM	1	8	23.49	23.61	23.53
3	16QAM	1	14	23.45	23.57	23.39
3	16QAM	8	0	22.62	22.73	22.53
3	16QAM	8	4	22.54	22.67	22.47
3	16QAM	8	7	22.45	22.65	22.34
3	16QAM	15	0	22.30	22.57	22.22
3	64QAM	1	0	23.46	23.68	23.49
3	64QAM	1	8	23.40	23.61	23.40
3	64QAM	1	14	23.28	23.47	23.31
3	64QAM	8	0	22.41	22.73	22.49
3	64QAM	8	4	22.41	22.69	22.43
3	64QAM	8	7	22.36	22.63	22.34
3	64QAM	15	0	22.28	22.64	22.31



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	24.15	24.31	24.25
1.4	QPSK	1	3	24.09	24.27	24.09
1.4	QPSK	1	5	23.95	24.21	23.93
1.4	QPSK	3	0	23.23	23.41	23.27
1.4	QPSK	3	1	23.18	23.26	23.12
1.4	QPSK	3	3	23.10	23.12	23.10
1.4	QPSK	6	0	23.13	23.13	23.13
1.4	16QAM	1	0	23.47	23.68	23.51
1.4	16QAM	1	3	23.44	23.55	23.51
1.4	16QAM	1	5	23.39	23.53	23.36
1.4	16QAM	3	0	22.57	22.69	22.50
1.4	16QAM	3	1	22.48	22.64	22.42
1.4	16QAM	3	3	22.42	22.58	22.28
1.4	16QAM	6	0	22.27	22.51	22.16
1.4	64QAM	1	0	23.43	23.62	23.46
1.4	64QAM	1	3	23.36	23.55	23.37
1.4	64QAM	1	5	23.22	23.42	23.27
1.4	64QAM	3	0	22.37	22.71	22.47
1.4	64QAM	3	1	22.35	22.67	22.40
1.4	64QAM	3	3	22.30	22.58	22.30
1.4	64QAM	6	0	22.24	22.58	22.25



LTE Band 7						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20850	21100	21350
Frequency (MHz)				2510	2535	2560
20	QPSK	1	0	22.69	22.72	22.68
20	QPSK	1	49	22.67	22.70	22.62
20	QPSK	1	99	22.55	22.58	22.55
20	QPSK	50	0	22.29	22.34	22.31
20	QPSK	50	24	22.20	22.18	22.26
20	QPSK	50	50	22.18	22.07	22.22
20	QPSK	100	0	22.05	22.16	22.14
20	16QAM	1	0	22.12	22.20	22.18
20	16QAM	1	49	22.07	22.11	22.09
20	16QAM	1	99	22.00	22.01	21.98
20	16QAM	50	0	21.39	21.43	21.42
20	16QAM	50	24	21.34	21.37	21.37
20	16QAM	50	50	21.23	21.28	21.35
20	16QAM	100	0	21.13	21.21	21.22
20	64QAM	1	0	21.91	22.02	22.01
20	64QAM	1	49	21.86	21.98	21.92
20	64QAM	1	99	21.77	21.92	21.86
20	64QAM	50	0	21.20	21.35	21.31
20	64QAM	50	24	21.12	21.26	21.26
20	64QAM	50	50	21.05	21.21	21.21
20	64QAM	100	0	21.02	21.18	21.13



LTE Band 7						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20825	21100	21375
Frequency (MHz)				2507.5	2535	2562.5
15	QPSK	1	0	22.65	22.67	22.63
15	QPSK	1	37	22.63	22.67	22.57
15	QPSK	1	74	22.49	22.55	22.49
15	QPSK	36	0	22.25	22.32	22.26
15	QPSK	36	20	22.18	22.13	22.21
15	QPSK	36	39	22.12	22.04	22.18
15	QPSK	75	0	22.02	22.11	22.10
15	16QAM	1	0	22.08	22.13	22.11
15	16QAM	1	37	22.05	22.09	22.05
15	16QAM	1	74	21.97	21.97	21.95
15	16QAM	36	0	21.36	21.38	21.37
15	16QAM	36	20	21.30	21.31	21.31
15	16QAM	36	39	21.19	21.24	21.33
15	16QAM	75	0	21.08	21.19	21.18
15	64QAM	1	0	21.84	21.98	21.96
15	64QAM	1	37	21.81	21.95	21.86
15	64QAM	1	74	21.72	21.88	21.82
15	64QAM	36	0	21.16	21.29	21.28
15	64QAM	36	20	21.06	21.21	21.19
15	64QAM	36	39	20.99	21.14	21.18
15	64QAM	75	0	20.99	21.15	21.10



LTE Band 7						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20800	21100	21400
Frequency (MHz)				2505	2535	2565
10	QPSK	1	0	22.60	22.63	22.58
10	QPSK	1	25	22.55	22.58	22.51
10	QPSK	1	49	22.46	22.51	22.44
10	QPSK	25	0	22.21	22.27	22.21
10	QPSK	25	12	22.14	22.07	22.16
10	QPSK	25	25	22.08	22.01	22.15
10	QPSK	50	0	21.96	22.08	22.05
10	16QAM	1	0	22.02	22.09	22.08
10	16QAM	1	25	21.99	22.07	22.02
10	16QAM	1	49	21.92	21.94	21.89
10	16QAM	25	0	21.32	21.33	21.31
10	16QAM	25	12	21.25	21.28	21.29
10	16QAM	25	25	21.15	21.18	21.28
10	16QAM	50	0	21.06	21.14	21.13
10	64QAM	1	0	21.80	21.94	21.92
10	64QAM	1	25	21.76	21.93	21.84
10	64QAM	1	49	21.70	21.82	21.80
10	64QAM	25	0	21.10	21.26	21.25
10	64QAM	25	12	20.99	21.16	21.13
10	64QAM	25	25	20.96	21.08	21.16
10	64QAM	50	0	20.92	21.09	21.06



LTE Band 7						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20775	21100	21425
Frequency (MHz)				2502.5	2535	2567.5
5	QPSK	1	0	22.57	22.61	22.52
5	QPSK	1	12	22.54	22.55	22.48
5	QPSK	1	24	22.42	22.45	22.41
5	QPSK	12	0	22.18	22.21	22.16
5	QPSK	12	7	22.10	22.03	22.11
5	QPSK	12	13	22.02	21.98	22.12
5	QPSK	25	0	21.94	22.04	22.00
5	16QAM	1	0	21.96	22.05	22.05
5	16QAM	1	12	21.94	22.04	21.96
5	16QAM	1	24	21.86	21.92	21.87
5	16QAM	12	0	21.29	21.28	21.27
5	16QAM	12	7	21.20	21.23	21.22
5	16QAM	12	13	21.12	21.15	21.22
5	16QAM	25	0	21.03	21.08	21.09
5	64QAM	1	0	21.78	21.89	21.88
5	64QAM	1	12	21.70	21.89	21.79
5	64QAM	1	24	21.64	21.76	21.74
5	64QAM	12	0	21.08	21.23	21.20
5	64QAM	12	7	20.93	21.12	21.10
5	64QAM	12	13	20.90	21.05	21.14
5	64QAM	25	0	20.88	21.04	21.00



LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26865	26915	26965
Frequency (MHz)				831.5	836.5	841.5
15	QPSK	1	0	24.25	24.22	24.16
15	QPSK	1	37	24.02	24.00	23.92
15	QPSK	1	74	23.83	23.83	23.82
15	QPSK	36	0	23.47	23.37	23.45
15	QPSK	36	20	23.38	23.34	23.28
15	QPSK	36	39	23.36	23.28	23.20
15	QPSK	75	0	23.31	23.22	23.27
15	16QAM	1	0	23.62	23.64	23.53
15	16QAM	1	37	23.55	23.45	23.42
15	16QAM	1	74	23.53	23.51	23.37
15	16QAM	36	0	22.28	22.16	22.12
15	16QAM	36	20	22.22	22.20	21.99
15	16QAM	36	39	22.11	22.02	21.95
15	16QAM	75	0	22.04	21.97	21.89
15	64QAM	1	0	23.58	23.57	23.46
15	64QAM	1	37	23.45	23.37	23.42
15	64QAM	1	74	23.35	23.30	23.32
15	64QAM	36	0	22.14	22.15	22.08
15	64QAM	36	20	22.03	22.02	22.02
15	64QAM	36	39	21.99	21.94	21.95
15	64QAM	75	0	21.96	21.88	21.91



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	24.11	24.08	24.11
10	QPSK	1	25	23.78	23.82	23.85
10	QPSK	1	49	23.71	23.79	23.79
10	QPSK	25	0	23.42	23.39	23.42
10	QPSK	25	12	23.17	23.25	23.24
10	QPSK	25	25	23.18	23.13	23.18
10	QPSK	50	0	23.20	23.27	23.25
10	16QAM	1	0	23.42	23.45	23.50
10	16QAM	1	25	23.37	23.30	23.38
10	16QAM	1	49	23.31	23.24	23.30
10	16QAM	25	0	21.97	21.96	22.08
10	16QAM	25	12	21.92	21.88	21.97
10	16QAM	25	25	21.84	21.82	21.92
10	16QAM	50	0	21.86	21.80	21.84
10	64QAM	1	0	23.34	23.42	23.43
10	64QAM	1	25	23.33	23.26	23.36
10	64QAM	1	49	23.17	23.21	23.27
10	64QAM	25	0	22.00	21.96	22.01
10	64QAM	25	12	21.96	21.87	21.98
10	64QAM	25	25	21.93	21.81	21.93
10	64QAM	50	0	21.79	21.86	21.85



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	23.92	24.03	24.04
5	QPSK	1	12	23.82	23.81	23.81
5	QPSK	1	24	23.67	23.70	23.72
5	QPSK	12	0	23.25	23.24	23.35
5	QPSK	12	7	23.12	23.18	23.20
5	QPSK	12	13	23.02	23.13	23.11
5	QPSK	25	0	23.10	23.12	23.22
5	16QAM	1	0	23.45	23.44	23.45
5	16QAM	1	12	23.26	23.31	23.34
5	16QAM	1	24	23.28	23.20	23.27
5	16QAM	12	0	22.04	21.95	22.04
5	16QAM	12	7	21.96	21.89	21.94
5	16QAM	12	13	21.76	21.81	21.86
5	16QAM	25	0	21.73	21.67	21.79
5	64QAM	1	0	23.36	23.31	23.39
5	64QAM	1	12	23.32	23.20	23.32
5	64QAM	1	24	23.17	23.16	23.22
5	64QAM	12	0	21.92	21.83	21.94
5	64QAM	12	7	21.80	21.90	21.91
5	64QAM	12	13	21.88	21.84	21.89
5	64QAM	25	0	21.69	21.67	21.78



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	23.94	23.97	24.01
3	QPSK	1	8	23.78	23.72	23.78
3	QPSK	1	14	23.59	23.71	23.69
3	QPSK	8	0	23.33	23.21	23.32
3	QPSK	8	4	23.08	23.11	23.16
3	QPSK	8	7	23.00	23.06	23.06
3	QPSK	15	0	23.12	23.13	23.17
3	16QAM	1	0	23.29	23.41	23.41
3	16QAM	1	8	23.28	23.29	23.29
3	16QAM	1	14	23.14	23.15	23.22
3	16QAM	8	0	21.97	21.94	22.01
3	16QAM	8	4	21.91	21.86	21.90
3	16QAM	8	7	21.79	21.80	21.83
3	16QAM	15	0	21.65	21.67	21.73
3	64QAM	1	0	23.35	23.31	23.36
3	64QAM	1	8	23.23	23.25	23.26
3	64QAM	1	14	23.09	23.14	23.19
3	64QAM	8	0	21.82	21.85	21.92
3	64QAM	8	4	21.85	21.89	21.88
3	64QAM	8	7	21.85	21.79	21.84
3	64QAM	15	0	21.69	21.63	21.72



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	23.90	23.92	23.97
1.4	QPSK	1	3	23.76	23.69	23.75
1.4	QPSK	1	5	23.53	23.56	23.64
1.4	QPSK	3	0	23.28	23.15	23.27
1.4	QPSK	3	1	23.10	23.09	23.11
1.4	QPSK	3	3	22.97	22.94	22.99
1.4	QPSK	6	0	22.98	23.11	23.10
1.4	16QAM	1	0	23.30	23.30	23.36
1.4	16QAM	1	3	23.26	23.14	23.26
1.4	16QAM	1	5	23.05	23.07	23.15
1.4	16QAM	3	0	21.88	21.88	21.98
1.4	16QAM	3	1	21.79	21.86	21.86
1.4	16QAM	3	3	21.68	21.75	21.80
1.4	16QAM	6	0	21.65	21.61	21.69
1.4	64QAM	1	0	23.34	23.20	23.32
1.4	64QAM	1	3	23.15	23.22	23.21
1.4	64QAM	1	5	23.17	23.06	23.15
1.4	64QAM	3	0	21.84	21.87	21.86
1.4	64QAM	3	1	21.76	21.76	21.82
1.4	64QAM	3	3	21.69	21.83	21.81
1.4	64QAM	6	0	21.63	21.54	21.65



LTE Band 38						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				37850	38000	38150
Frequency (MHz)				2580	2595	2610
20	QPSK	1	0	22.97	23.02	23.01
20	QPSK	1	49	22.93	22.99	22.93
20	QPSK	1	99	22.90	22.95	22.87
20	QPSK	50	0	22.43	22.49	22.46
20	QPSK	50	24	22.37	22.42	22.35
20	QPSK	50	50	22.27	22.33	22.32
20	QPSK	100	0	22.23	22.33	22.20
20	16QAM	1	0	22.25	22.31	22.22
20	16QAM	1	49	22.07	22.19	22.20
20	16QAM	1	99	22.00	22.14	22.09
20	16QAM	50	0	21.43	21.51	21.50
20	16QAM	50	24	21.45	21.53	21.38
20	16QAM	50	50	21.34	21.47	21.27
20	16QAM	100	0	21.26	21.43	21.16
20	64QAM	1	0	22.22	22.25	22.14
20	64QAM	1	49	22.16	22.12	22.11
20	64QAM	1	99	22.07	22.08	22.02
20	64QAM	50	0	21.50	21.46	21.40
20	64QAM	50	24	21.37	21.35	21.28
20	64QAM	50	50	21.25	21.32	21.23
20	64QAM	100	0	21.31	21.30	21.33



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	22.93	22.97	22.95
15	QPSK	1	37	22.88	22.92	22.88
15	QPSK	1	74	22.86	22.92	22.83
15	QPSK	36	0	22.38	22.43	22.42
15	QPSK	36	20	22.35	22.39	22.32
15	QPSK	36	39	22.20	22.31	22.27
15	QPSK	75	0	22.17	22.29	22.17
15	16QAM	1	0	22.20	22.26	22.17
15	16QAM	1	37	22.00	22.15	22.18
15	16QAM	1	74	21.96	22.09	22.02
15	16QAM	36	0	21.37	21.49	21.43
15	16QAM	36	20	21.41	21.48	21.33
15	16QAM	36	39	21.28	21.41	21.21
15	16QAM	75	0	21.21	21.41	21.13
15	64QAM	1	0	22.17	22.20	22.09
15	64QAM	1	37	22.09	22.09	22.06
15	64QAM	1	74	22.03	22.03	21.96
15	64QAM	36	0	21.44	21.42	21.35
15	64QAM	36	20	21.35	21.30	21.25
15	64QAM	36	39	21.22	21.30	21.17
15	64QAM	75	0	21.28	21.24	21.30



LTE Band 38						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				37800	38000	38200
Frequency (MHz)				2575	2595	2615
10	QPSK	1	0	22.90	22.92	22.92
10	QPSK	1	25	22.83	22.90	22.83
10	QPSK	1	49	22.82	22.90	22.79
10	QPSK	25	0	22.35	22.38	22.35
10	QPSK	25	12	22.31	22.34	22.29
10	QPSK	25	25	22.17	22.25	22.21
10	QPSK	50	0	22.13	22.27	22.12
10	16QAM	1	0	22.17	22.21	22.13
10	16QAM	1	25	21.97	22.11	22.16
10	16QAM	1	49	21.89	22.03	22.00
10	16QAM	25	0	21.35	21.45	21.39
10	16QAM	25	12	21.36	21.42	21.30
10	16QAM	25	25	21.22	21.38	21.15
10	16QAM	50	0	21.15	21.39	21.10
10	64QAM	1	0	22.12	22.17	22.06
10	64QAM	1	25	22.05	22.05	22.03
10	64QAM	1	49	22.00	21.99	21.91
10	64QAM	25	0	21.40	21.35	21.33
10	64QAM	25	12	21.29	21.26	21.20
10	64QAM	25	25	21.19	21.28	21.12
10	64QAM	50	0	21.25	21.19	21.27



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	22.84	22.92	22.90
5	QPSK	1	12	22.79	22.87	22.77
5	QPSK	1	24	22.76	22.86	22.73
5	QPSK	12	0	22.30	22.32	22.31
5	QPSK	12	7	22.27	22.25	22.26
5	QPSK	12	13	22.12	22.19	22.20
5	QPSK	25	0	22.04	22.20	22.10
5	16QAM	1	0	22.10	22.17	22.09
5	16QAM	1	12	21.90	22.05	22.07
5	16QAM	1	24	21.84	21.96	21.89
5	16QAM	12	0	21.30	21.40	21.36
5	16QAM	12	7	21.33	21.37	21.20
5	16QAM	12	13	21.22	21.31	21.13
5	16QAM	25	0	21.14	21.30	21.05
5	64QAM	1	0	22.07	22.15	22.00
5	64QAM	1	12	21.95	21.96	22.02
5	64QAM	1	24	21.94	21.94	21.85
5	64QAM	12	0	21.39	21.30	21.27
5	64QAM	12	7	21.26	21.19	21.16
5	64QAM	12	13	21.14	21.20	21.11
5	64QAM	25	0	21.20	21.13	21.24



LTE Band 40, Block A						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				/	38750	/
Frequency (MHz)				/	2310	/
10	QPSK	1	0	/	23.05	/
10	QPSK	1	25	/	22.94	/
10	QPSK	1	49	/	22.85	/
10	QPSK	25	0	/	22.52	/
10	QPSK	25	12	/	22.44	/
10	QPSK	25	25	/	22.35	/
10	QPSK	50	0	/	22.29	/
10	16QAM	1	0	/	22.21	/
10	16QAM	1	25	/	22.13	/
10	16QAM	1	49	/	22.04	/
10	16QAM	25	0	/	21.47	/
10	16QAM	25	12	/	21.35	/
10	16QAM	25	25	/	21.29	/
10	16QAM	50	0	/	21.23	/
10	64QAM	1	0	/	22.20	/
10	64QAM	1	25	/	22.11	/
10	64QAM	1	49	/	22.05	/
10	64QAM	25	0	/	21.43	/
10	64QAM	25	12	/	21.32	/
10	64QAM	25	25	/	21.22	/
10	64QAM	50	0	/	21.11	/



LTE Band 40, Block A						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				38725	38750	38775
Frequency (MHz)				2307.5	2310	2312.5
5	QPSK	1	0	22.93	22.99	22.87
5	QPSK	1	12	22.88	22.90	22.84
5	QPSK	1	24	22.80	22.79	22.74
5	QPSK	12	0	22.43	22.50	22.37
5	QPSK	12	7	22.33	22.41	22.29
5	QPSK	12	13	22.23	22.33	22.21
5	QPSK	25	0	22.21	22.23	22.15
5	16QAM	1	0	22.12	22.17	22.08
5	16QAM	1	12	22.02	22.06	21.94
5	16QAM	1	24	21.93	22.02	21.90
5	16QAM	12	0	21.39	21.44	21.29
5	16QAM	12	7	21.25	21.31	21.13
5	16QAM	12	13	21.20	21.25	21.12
5	16QAM	25	0	21.12	21.18	21.07
5	64QAM	1	0	22.14	22.16	21.99
5	64QAM	1	12	22.05	22.05	21.95
5	64QAM	1	24	21.93	21.99	21.84
5	64QAM	12	0	21.36	21.37	21.26
5	64QAM	12	7	21.22	21.29	21.17
5	64QAM	12	13	21.13	21.20	21.05
5	64QAM	25	0	21.00	21.08	20.89



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	/	23.02	/
10	QPSK	1	25	/	22.93	/
10	QPSK	1	49	/	22.84	/
10	QPSK	25	0	/	22.42	/
10	QPSK	25	12	/	22.39	/
10	QPSK	25	25	/	22.36	/
10	QPSK	50	0	/	22.23	/
10	16QAM	1	0	/	22.23	/
10	16QAM	1	25	/	22.20	/
10	16QAM	1	49	/	22.10	/
10	16QAM	25	0	/	21.55	/
10	16QAM	25	12	/	21.48	/
10	16QAM	25	25	/	21.36	/
10	16QAM	50	0	/	21.31	/
10	64QAM	1	0	/	22.07	/
10	64QAM	1	25	/	22.00	/
10	64QAM	1	49	/	21.96	/
10	64QAM	25	0	/	21.38	/
10	64QAM	25	12	/	21.34	/
10	64QAM	25	25	/	21.29	/
10	64QAM	50	0	/	21.20	/



LTE Band 40, Block B						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39175	39200	39225
Frequency (MHz)				2352.5	2355	2357.5
5	QPSK	1	0	22.94	22.99	22.91
5	QPSK	1	12	22.84	22.90	22.80
5	QPSK	1	24	22.76	22.78	22.77
5	QPSK	12	0	22.31	22.35	22.28
5	QPSK	12	7	22.32	22.33	22.28
5	QPSK	12	13	22.26	22.33	22.25
5	QPSK	25	0	22.13	22.21	22.12
5	16QAM	1	0	22.14	22.19	22.11
5	16QAM	1	12	22.13	22.15	22.05
5	16QAM	1	24	22.03	22.06	21.99
5	16QAM	12	0	21.47	21.52	21.41
5	16QAM	12	7	21.39	21.44	21.34
5	16QAM	12	13	21.25	21.30	21.27
5	16QAM	25	0	21.22	21.25	21.20
5	64QAM	1	0	21.96	22.04	21.89
5	64QAM	1	12	21.88	21.97	21.87
5	64QAM	1	24	21.89	21.93	21.81
5	64QAM	12	0	21.30	21.33	21.25
5	64QAM	12	7	21.24	21.28	21.23
5	64QAM	12	13	21.19	21.26	21.13
5	64QAM	25	0	21.12	21.14	21.08



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				40140	40640	41340
Frequency (MHz)				2545	2595	2665
20	QPSK	1	0	22.98	23.16	23.12
20	QPSK	1	49	22.89	23.13	23.07
20	QPSK	1	99	22.86	23.06	23.03
20	QPSK	50	0	22.10	22.38	22.30
20	QPSK	50	24	21.99	22.27	22.25
20	QPSK	50	50	21.95	22.24	22.12
20	QPSK	100	0	21.79	22.06	21.96
20	16QAM	1	0	21.96	22.24	22.20
20	16QAM	1	49	21.84	22.16	22.13
20	16QAM	1	99	21.77	22.09	22.09
20	16QAM	50	0	21.18	21.52	21.53
20	16QAM	50	24	21.10	21.47	21.44
20	16QAM	50	50	21.02	21.38	21.38
20	16QAM	100	0	20.98	21.30	21.30
20	64QAM	1	0	21.95	22.20	22.13
20	64QAM	1	49	21.87	22.13	22.11
20	64QAM	1	99	21.75	22.05	22.05
20	64QAM	50	0	21.14	21.51	21.48
20	64QAM	50	24	21.12	21.41	21.39
20	64QAM	50	50	21.08	21.31	21.33
20	64QAM	100	0	20.99	21.20	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				40115	40640	41365
Frequency (MHz)				2542.5	2595	2667.5
15	QPSK	1	0	22.94	23.10	23.08
15	QPSK	1	37	22.85	23.10	23.04
15	QPSK	1	74	22.80	23.01	22.97
15	QPSK	36	0	22.08	22.31	22.24
15	QPSK	36	20	21.96	22.20	22.19
15	QPSK	36	39	21.89	22.22	22.09
15	QPSK	75	0	21.77	22.00	21.90
15	16QAM	1	0	21.92	22.20	22.16
15	16QAM	1	37	21.81	22.10	22.08
15	16QAM	1	74	21.70	22.05	22.05
15	16QAM	36	0	21.13	21.45	21.47
15	16QAM	36	20	21.08	21.45	21.39
15	16QAM	36	39	20.99	21.36	21.33
15	16QAM	75	0	20.94	21.24	21.24
15	64QAM	1	0	21.91	22.15	22.11
15	64QAM	1	37	21.82	22.07	22.06
15	64QAM	1	74	21.72	22.01	21.99
15	64QAM	36	0	21.09	21.48	21.44
15	64QAM	36	20	21.07	21.39	21.36
15	64QAM	36	39	21.02	21.29	21.30
15	64QAM	75	0	20.92	21.16	21.20



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				40090	40640	41390
Frequency (MHz)				2540	2605	2670
10	QPSK	1	0	22.90	23.06	23.04
10	QPSK	1	25	22.78	23.04	22.97
10	QPSK	1	49	22.77	22.95	22.92
10	QPSK	25	0	22.02	22.26	22.18
10	QPSK	25	12	21.89	22.17	22.17
10	QPSK	25	25	21.86	22.20	22.05
10	QPSK	50	0	21.72	21.96	21.84
10	16QAM	1	0	21.86	22.14	22.11
10	16QAM	1	25	21.75	22.08	22.05
10	16QAM	1	49	21.67	22.01	21.98
10	16QAM	25	0	21.10	21.38	21.43
10	16QAM	25	12	21.06	21.40	21.33
10	16QAM	25	25	20.93	21.31	21.30
10	16QAM	50	0	20.92	21.18	21.20
10	64QAM	1	0	21.88	22.09	22.09
10	64QAM	1	25	21.78	22.02	22.00
10	64QAM	1	49	21.69	21.99	21.97
10	64QAM	25	0	21.07	21.45	21.37
10	64QAM	25	12	21.00	21.34	21.30
10	64QAM	25	25	20.99	21.24	21.27
10	64QAM	50	0	20.87	21.13	21.14



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				40065	40640	41415
Frequency (MHz)				2537.5	2605	2672.5
5	QPSK	1	0	22.87	23.01	22.98
5	QPSK	1	12	22.75	23.01	22.94
5	QPSK	1	24	22.73	22.91	22.87
5	QPSK	12	0	21.97	22.22	22.17
5	QPSK	12	7	21.86	22.15	22.10
5	QPSK	12	13	21.79	22.13	21.98
5	QPSK	25	0	21.68	21.92	21.77
5	16QAM	1	0	21.81	22.11	22.10
5	16QAM	1	12	21.71	22.02	21.99
5	16QAM	1	24	21.65	21.99	22.00
5	16QAM	12	0	21.03	21.33	21.40
5	16QAM	12	7	20.98	21.37	21.35
5	16QAM	12	13	20.88	21.26	21.27
5	16QAM	25	0	20.86	21.16	21.17
5	64QAM	1	0	21.82	22.07	22.05
5	64QAM	1	12	21.75	21.99	21.96
5	64QAM	1	24	21.61	21.90	21.87
5	64QAM	12	0	20.98	21.42	21.37
5	64QAM	12	7	20.98	21.31	21.31
5	64QAM	12	13	20.94	21.19	21.21
5	64QAM	25	0	20.85	21.04	21.14



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				132072	132322	132572
Frequency (MHz)				1720	1745	1770
20	QPSK	1	0	22.96	22.98	22.95
20	QPSK	1	49	22.93	22.88	22.86
20	QPSK	1	99	22.89	22.77	22.77
20	QPSK	50	0	22.56	22.57	22.46
20	QPSK	50	24	22.47	22.48	22.36
20	QPSK	50	50	22.37	22.39	22.25
20	QPSK	100	0	22.29	22.33	22.17
20	16QAM	1	0	22.51	22.64	22.61
20	16QAM	1	49	22.28	22.49	22.42
20	16QAM	1	99	22.26	22.43	22.38
20	16QAM	50	0	21.54	21.80	21.76
20	16QAM	50	24	21.48	21.76	21.70
20	16QAM	50	50	21.42	21.66	21.63
20	16QAM	100	0	21.31	21.58	21.52
20	64QAM	1	0	21.93	22.13	22.06
20	64QAM	1	49	21.73	21.93	21.79
20	64QAM	1	99	21.64	21.84	21.73
20	64QAM	50	0	21.11	21.25	21.20
20	64QAM	50	24	21.07	21.20	21.15
20	64QAM	50	50	20.99	21.17	21.05
20	64QAM	100	0	20.91	21.19	20.97



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				132047	132322	132597
Frequency (MHz)				1717.5	1745	1772.5
15	QPSK	1	0	22.90	22.95	22.92
15	QPSK	1	37	22.87	22.86	22.83
15	QPSK	1	74	22.82	22.71	22.70
15	QPSK	36	0	22.54	22.51	22.42
15	QPSK	36	20	22.44	22.43	22.32
15	QPSK	36	39	22.32	22.35	22.21
15	QPSK	75	0	22.23	22.27	22.15
15	16QAM	1	0	22.48	22.61	22.56
15	16QAM	1	37	22.26	22.44	22.38
15	16QAM	1	74	22.23	22.36	22.33
15	16QAM	36	0	21.49	21.73	21.74
15	16QAM	36	20	21.44	21.69	21.68
15	16QAM	36	39	21.40	21.62	21.57
15	16QAM	75	0	21.28	21.56	21.47
15	64QAM	1	0	21.87	22.07	22.01
15	64QAM	1	37	21.68	21.91	21.75
15	64QAM	1	74	21.57	21.78	21.67
15	64QAM	36	0	21.07	21.22	21.16
15	64QAM	36	20	21.01	21.13	21.12
15	64QAM	36	39	20.96	21.14	21.01
15	64QAM	75	0	20.85	21.17	20.94



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	22.87	22.91	22.86
10	QPSK	1	25	22.82	22.83	22.77
10	QPSK	1	49	22.76	22.65	22.63
10	QPSK	25	0	22.49	22.47	22.38
10	QPSK	25	12	22.39	22.40	22.27
10	QPSK	25	25	22.30	22.30	22.16
10	QPSK	50	0	22.17	22.24	22.13
10	16QAM	1	0	22.46	22.54	22.50
10	16QAM	1	25	22.22	22.41	22.32
10	16QAM	1	49	22.20	22.31	22.28
10	16QAM	25	0	21.45	21.69	21.68
10	16QAM	25	12	21.38	21.67	21.62
10	16QAM	25	25	21.36	21.56	21.51
10	16QAM	50	0	21.26	21.54	21.41
10	64QAM	1	0	21.81	22.02	21.99
10	64QAM	1	25	21.64	21.87	21.71
10	64QAM	1	49	21.55	21.73	21.62
10	64QAM	25	0	21.01	21.16	21.12
10	64QAM	25	12	20.96	21.10	21.06
10	64QAM	25	25	20.91	21.09	20.95
10	64QAM	50	0	20.79	21.13	20.92



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	22.80	22.85	22.82
5	QPSK	1	12	22.76	22.79	22.73
5	QPSK	1	24	22.72	22.62	22.61
5	QPSK	12	0	22.46	22.43	22.31
5	QPSK	12	7	22.36	22.34	22.20
5	QPSK	12	13	22.27	22.26	22.12
5	QPSK	25	0	22.14	22.19	22.07
5	16QAM	1	0	22.40	22.51	22.44
5	16QAM	1	12	22.18	22.36	22.29
5	16QAM	1	24	22.17	22.25	22.22
5	16QAM	12	0	21.41	21.64	21.63
5	16QAM	12	7	21.34	21.64	21.59
5	16QAM	12	13	21.31	21.50	21.45
5	16QAM	25	0	21.20	21.51	21.36
5	64QAM	1	0	21.77	22.00	21.97
5	64QAM	1	12	21.59	21.82	21.68
5	64QAM	1	24	21.52	21.70	21.59
5	64QAM	12	0	20.95	21.09	21.10
5	64QAM	12	7	20.90	21.05	21.02
5	64QAM	12	13	20.84	21.05	20.91
5	64QAM	25	0	20.75	21.08	20.90



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	22.78	22.82	22.75
3	QPSK	1	8	22.72	22.75	22.68
3	QPSK	1	14	22.68	22.59	22.56
3	QPSK	8	0	22.39	22.36	22.29
3	QPSK	8	4	22.29	22.31	22.15
3	QPSK	8	7	22.21	22.23	22.06
3	QPSK	15	0	22.11	22.17	22.04
3	16QAM	1	0	22.33	22.44	22.40
3	16QAM	1	8	22.13	22.29	22.25
3	16QAM	1	14	22.13	22.19	22.17
3	16QAM	8	0	21.38	21.61	21.57
3	16QAM	8	4	21.28	21.58	21.54
3	16QAM	8	7	21.29	21.47	21.41
3	16QAM	15	0	21.18	21.49	21.31
3	64QAM	1	0	21.74	21.98	21.90
3	64QAM	1	8	21.56	21.77	21.61
3	64QAM	1	14	21.52	21.66	21.53
3	64QAM	8	0	20.88	21.03	21.06
3	64QAM	8	4	20.85	21.00	20.95
3	64QAM	8	7	20.78	21.00	20.84
3	64QAM	15	0	20.71	21.06	20.88



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	22.75	22.81	22.78
1.4	QPSK	1	3	22.71	22.75	22.70
1.4	QPSK	1	5	22.66	22.60	22.59
1.4	QPSK	3	0	22.40	22.38	22.27
1.4	QPSK	3	1	22.34	22.29	22.14
1.4	QPSK	3	3	22.21	22.23	22.07
1.4	QPSK	6	0	22.10	22.15	22.03
1.4	16QAM	1	0	22.38	22.44	22.39
1.4	16QAM	1	3	22.15	22.33	22.23
1.4	16QAM	1	5	22.12	22.22	22.17
1.4	16QAM	3	0	21.37	21.62	21.58
1.4	16QAM	3	1	21.29	21.59	21.56
1.4	16QAM	3	3	21.26	21.47	21.40
1.4	16QAM	6	0	21.15	21.47	21.33
1.4	64QAM	1	0	21.75	21.97	21.92
1.4	64QAM	1	3	21.57	21.78	21.64
1.4	64QAM	1	5	21.50	21.68	21.56
1.4	64QAM	3	0	20.89	21.06	21.03
1.4	64QAM	3	1	20.85	21.02	20.99
1.4	64QAM	3	3	20.82	21.02	20.86
1.4	64QAM	6	0	20.72	21.04	20.85

**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	22.34	0.171	22.40	0.174	22.37	0.173
20	QPSK	1	49	22.24	0.167	22.39	0.173	22.34	0.171
20	QPSK	1	99	22.25	0.168	22.30	0.170	22.26	0.168
20	QPSK	50	0	21.69	0.148	21.72	0.149	21.65	0.146
20	QPSK	50	24	21.56	0.143	21.60	0.145	21.54	0.143
20	QPSK	50	50	21.54	0.143	21.58	0.144	21.48	0.141
20	QPSK	100	0	21.34	0.136	21.43	0.139	21.37	0.137
20	16QAM	1	0	22.00	0.158	22.13	0.163	22.13	0.163
20	16QAM	1	49	21.88	0.154	21.99	0.158	22.06	0.161
20	16QAM	1	99	21.86	0.153	22.02	0.159	22.07	0.161
20	16QAM	50	0	21.40	0.138	21.60	0.145	21.59	0.144
20	16QAM	50	24	21.33	0.136	21.47	0.140	21.50	0.141
20	16QAM	50	50	21.32	0.136	21.34	0.136	21.47	0.140
20	16QAM	100	0	21.35	0.136	21.40	0.138	21.47	0.140
20	64QAM	1	0	21.81	0.152	21.92	0.156	21.93	0.156
20	64QAM	1	49	21.77	0.150	21.88	0.154	21.86	0.153
20	64QAM	1	99	21.73	0.149	21.76	0.150	21.65	0.146
20	64QAM	50	0	20.73	0.118	20.91	0.123	20.75	0.119
20	64QAM	50	24	20.66	0.116	20.75	0.119	20.71	0.118
20	64QAM	50	50	20.66	0.116	20.69	0.117	20.62	0.115
20	64QAM	100	0	20.62	0.115	20.74	0.119	20.56	0.114



LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18675		18900		19125	
Frequency (MHz)				1857.5		1880		1902.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	22.30	0.170	22.39	0.173	22.36	0.172
15	QPSK	1	37	22.19	0.166	22.35	0.172	22.29	0.169
15	QPSK	1	74	22.21	0.166	22.29	0.169	22.25	0.168
15	QPSK	36	0	21.64	0.146	21.71	0.148	21.59	0.144
15	QPSK	36	20	21.50	0.141	21.55	0.143	21.49	0.141
15	QPSK	36	39	21.50	0.141	21.53	0.142	21.45	0.140
15	QPSK	75	0	21.32	0.136	21.42	0.139	21.34	0.136
15	16QAM	1	0	21.94	0.156	22.11	0.163	22.09	0.162
15	16QAM	1	37	21.83	0.152	21.97	0.157	22.05	0.160
15	16QAM	1	74	21.85	0.153	21.97	0.157	22.02	0.159
15	16QAM	36	0	21.35	0.136	21.55	0.143	21.56	0.143
15	16QAM	36	20	21.31	0.135	21.43	0.139	21.49	0.141
15	16QAM	36	39	21.27	0.134	21.29	0.135	21.45	0.140
15	16QAM	75	0	21.31	0.135	21.38	0.137	21.45	0.140
15	64QAM	1	0	21.77	0.150	21.89	0.155	21.87	0.154
15	64QAM	1	37	21.72	0.149	21.87	0.154	21.83	0.152
15	64QAM	1	74	21.72	0.149	21.71	0.148	21.61	0.145
15	64QAM	36	0	20.72	0.118	20.86	0.122	20.72	0.118
15	64QAM	36	20	20.63	0.116	20.71	0.118	20.68	0.117
15	64QAM	36	39	20.63	0.116	20.63	0.116	20.59	0.115
15	64QAM	75	0	20.58	0.114	20.70	0.117	20.53	0.113



LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18650		18900		19150	
Frequency (MHz)				1855		1880		1905	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	22.24	0.167	22.34	0.171	22.30	0.170
10	QPSK	1	25	22.14	0.164	22.33	0.171	22.26	0.168
10	QPSK	1	49	22.18	0.165	22.27	0.169	22.23	0.167
10	QPSK	25	0	21.62	0.145	21.65	0.146	21.55	0.143
10	QPSK	25	12	21.45	0.140	21.50	0.141	21.44	0.139
10	QPSK	25	25	21.44	0.139	21.49	0.141	21.44	0.139
10	QPSK	50	0	21.30	0.135	21.39	0.138	21.31	0.135
10	16QAM	1	0	21.92	0.156	22.09	0.162	22.04	0.160
10	16QAM	1	25	21.78	0.151	21.92	0.156	22.02	0.159
10	16QAM	1	49	21.84	0.153	21.94	0.156	21.99	0.158
10	16QAM	25	0	21.30	0.135	21.50	0.141	21.51	0.142
10	16QAM	25	12	21.29	0.135	21.40	0.138	21.44	0.139
10	16QAM	25	25	21.24	0.133	21.26	0.134	21.43	0.139
10	16QAM	50	0	21.28	0.134	21.35	0.136	21.43	0.139
10	64QAM	1	0	21.71	0.148	21.85	0.153	21.81	0.152
10	64QAM	1	25	21.67	0.147	21.85	0.153	21.79	0.151
10	64QAM	1	49	21.68	0.147	21.70	0.148	21.58	0.144
10	64QAM	25	0	20.71	0.118	20.82	0.121	20.70	0.117
10	64QAM	25	12	20.59	0.115	20.66	0.116	20.63	0.116
10	64QAM	25	25	20.61	0.115	20.60	0.115	20.53	0.113
10	64QAM	50	0	20.54	0.113	20.65	0.116	20.47	0.111



LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18625		18900		19175	
Frequency (MHz)				1852.5		1880		1907.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	22.18	0.165	22.33	0.171	22.26	0.168
5	QPSK	1	12	22.12	0.163	22.29	0.169	22.23	0.167
5	QPSK	1	24	22.16	0.164	22.25	0.168	22.19	0.166
5	QPSK	12	0	21.60	0.145	21.61	0.145	21.50	0.141
5	QPSK	12	7	21.42	0.139	21.48	0.141	21.40	0.138
5	QPSK	12	13	21.40	0.138	21.47	0.140	21.40	0.138
5	QPSK	25	0	21.25	0.133	21.34	0.136	21.29	0.135
5	16QAM	1	0	21.89	0.155	22.06	0.161	22.00	0.158
5	16QAM	1	12	21.73	0.149	21.91	0.155	21.98	0.158
5	16QAM	1	24	21.80	0.151	21.92	0.156	21.96	0.157
5	16QAM	12	0	21.27	0.134	21.45	0.140	21.49	0.141
5	16QAM	12	7	21.24	0.133	21.34	0.136	21.39	0.138
5	16QAM	12	13	21.22	0.132	21.23	0.133	21.41	0.138
5	16QAM	25	0	21.24	0.133	21.29	0.135	21.41	0.138
5	64QAM	1	0	21.68	0.147	21.79	0.151	21.79	0.151
5	64QAM	1	12	21.65	0.146	21.84	0.153	21.74	0.149
5	64QAM	1	24	21.65	0.146	21.64	0.146	21.54	0.143
5	64QAM	12	0	20.67	0.117	20.81	0.121	20.65	0.116
5	64QAM	12	7	20.55	0.114	20.62	0.115	20.58	0.114
5	64QAM	12	13	20.57	0.114	20.59	0.115	20.48	0.112
5	64QAM	25	0	20.51	0.112	20.62	0.115	20.44	0.111



LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18615		18900		19185	
Frequency (MHz)				1851.5		1880		1908.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	22.13	0.163	22.30	0.170	22.23	0.167
3	QPSK	1	8	22.07	0.161	22.25	0.168	22.21	0.166
3	QPSK	1	14	22.13	0.163	22.21	0.166	22.13	0.163
3	QPSK	8	0	21.54	0.143	21.59	0.144	21.44	0.139
3	QPSK	8	4	21.40	0.138	21.45	0.140	21.35	0.136
3	QPSK	8	7	21.37	0.137	21.42	0.139	21.38	0.137
3	QPSK	15	0	21.20	0.132	21.29	0.135	21.26	0.134
3	16QAM	1	0	21.85	0.153	22.03	0.160	21.96	0.157
3	16QAM	1	8	21.72	0.149	21.86	0.153	21.93	0.156
3	16QAM	1	14	21.76	0.150	21.89	0.155	21.95	0.157
3	16QAM	8	0	21.22	0.132	21.39	0.138	21.47	0.140
3	16QAM	8	4	21.19	0.132	21.29	0.135	21.34	0.136
3	16QAM	8	7	21.19	0.132	21.22	0.132	21.37	0.137
3	16QAM	15	0	21.15	0.130	21.23	0.133	21.35	0.136
3	64QAM	1	0	21.66	0.147	21.76	0.150	21.77	0.150
3	64QAM	1	8	21.63	0.146	21.82	0.152	21.68	0.147
3	64QAM	1	14	21.59	0.144	21.60	0.145	21.50	0.141
3	64QAM	8	0	20.63	0.116	20.78	0.120	20.60	0.115
3	64QAM	8	4	20.50	0.112	20.59	0.115	20.53	0.113
3	64QAM	8	7	20.53	0.113	20.56	0.114	20.46	0.111
3	64QAM	15	0	20.49	0.112	20.57	0.114	20.39	0.109



LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18607		18900		19193	
Frequency (MHz)				1850.7		1880		1909.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	22.14	0.164	22.23	0.167	22.21	0.166
1.4	QPSK	1	3	22.05	0.160	22.21	0.166	22.16	0.164
1.4	QPSK	1	5	22.11	0.163	22.17	0.165	22.14	0.164
1.4	QPSK	3	0	21.53	0.142	21.55	0.143	21.46	0.140
1.4	QPSK	3	1	21.35	0.136	21.40	0.138	21.34	0.136
1.4	QPSK	3	3	21.32	0.136	21.42	0.139	21.34	0.136
1.4	QPSK	6	0	21.16	0.131	21.28	0.134	21.18	0.131
1.4	16QAM	1	0	21.85	0.153	21.98	0.158	21.92	0.156
1.4	16QAM	1	3	21.62	0.145	21.84	0.153	21.91	0.155
1.4	16QAM	1	5	21.74	0.149	21.88	0.154	21.88	0.154
1.4	16QAM	3	0	21.23	0.133	21.39	0.138	21.41	0.138
1.4	16QAM	3	1	21.19	0.132	21.28	0.134	21.32	0.136
1.4	16QAM	3	3	21.13	0.130	21.17	0.131	21.33	0.136
1.4	16QAM	6	0	21.16	0.131	21.22	0.132	21.35	0.136
1.4	64QAM	1	0	21.60	0.145	21.74	0.149	21.73	0.149
1.4	64QAM	1	3	21.58	0.144	21.77	0.150	21.70	0.148
1.4	64QAM	1	5	21.54	0.143	21.57	0.144	21.45	0.140
1.4	64QAM	3	0	20.61	0.115	20.74	0.119	20.59	0.115
1.4	64QAM	3	1	20.45	0.111	20.55	0.114	20.53	0.113
1.4	64QAM	3	3	20.53	0.113	20.51	0.112	20.40	0.110
1.4	64QAM	6	0	20.47	0.111	20.55	0.114	20.40	0.110



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	22.27	0.169	22.36	0.172	22.29	0.169
20	QPSK	1	49	21.97	0.157	22.22	0.167	22.07	0.161
20	QPSK	1	99	21.93	0.156	22.03	0.160	21.92	0.156
20	QPSK	50	0	21.68	0.147	21.75	0.150	21.70	0.148
20	QPSK	50	24	21.61	0.145	21.64	0.146	21.65	0.146
20	QPSK	50	50	21.45	0.140	21.47	0.140	21.45	0.140
20	QPSK	100	0	21.32	0.136	21.41	0.138	21.39	0.138
20	16QAM	1	0	21.88	0.154	21.92	0.156	21.71	0.148
20	16QAM	1	49	21.73	0.149	21.74	0.149	21.69	0.148
20	16QAM	1	99	21.71	0.148	21.66	0.147	21.57	0.144
20	16QAM	50	0	21.02	0.126	21.07	0.128	20.97	0.125
20	16QAM	50	24	21.03	0.127	20.98	0.125	20.91	0.123
20	16QAM	50	50	20.90	0.123	20.89	0.123	20.78	0.120
20	16QAM	100	0	20.95	0.124	20.96	0.125	20.82	0.121
20	64QAM	1	0	21.80	0.151	21.84	0.153	21.78	0.151
20	64QAM	1	49	21.76	0.150	21.72	0.149	21.66	0.147
20	64QAM	1	99	21.70	0.148	21.60	0.145	21.60	0.145
20	64QAM	50	0	21.06	0.128	20.95	0.124	20.93	0.124
20	64QAM	50	24	21.05	0.127	20.91	0.123	20.95	0.124
20	64QAM	50	50	20.99	0.126	20.89	0.123	20.80	0.120
20	64QAM	100	0	20.98	0.125	20.79	0.120	20.85	0.122



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20025		20175		20325	
Frequency (MHz)				1717.5		1732.5		1747.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	22.25	0.168	22.32	0.171	22.28	0.169
15	QPSK	1	37	21.93	0.156	22.20	0.166	22.03	0.160
15	QPSK	1	74	21.91	0.155	21.97	0.157	21.87	0.154
15	QPSK	36	0	21.66	0.147	21.71	0.148	21.65	0.146
15	QPSK	36	20	21.55	0.143	21.59	0.144	21.64	0.146
15	QPSK	36	39	21.39	0.138	21.42	0.139	21.40	0.138
15	QPSK	75	0	21.27	0.134	21.36	0.137	21.35	0.136
15	16QAM	1	0	21.84	0.153	21.89	0.155	21.66	0.147
15	16QAM	1	37	21.69	0.148	21.70	0.148	21.68	0.147
15	16QAM	1	74	21.65	0.146	21.64	0.146	21.52	0.142
15	16QAM	36	0	20.99	0.126	21.05	0.127	20.94	0.124
15	16QAM	36	20	20.98	0.125	20.95	0.124	20.90	0.123
15	16QAM	36	39	20.86	0.122	20.86	0.122	20.73	0.118
15	16QAM	75	0	20.90	0.123	20.94	0.124	20.79	0.120
15	64QAM	1	0	21.75	0.150	21.81	0.152	21.75	0.150
15	64QAM	1	37	21.72	0.149	21.69	0.148	21.60	0.145
15	64QAM	1	74	21.69	0.148	21.56	0.143	21.55	0.143
15	64QAM	36	0	21.00	0.126	20.89	0.123	20.90	0.123
15	64QAM	36	20	21.01	0.126	20.88	0.122	20.94	0.124
15	64QAM	36	39	20.94	0.124	20.87	0.122	20.78	0.120
15	64QAM	75	0	20.95	0.124	20.75	0.119	20.81	0.121



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	22.17	0.165	22.32	0.171	22.24	0.167
10	QPSK	1	25	21.93	0.156	22.17	0.165	21.99	0.158
10	QPSK	1	49	21.87	0.154	21.95	0.157	21.87	0.154
10	QPSK	25	0	21.59	0.144	21.67	0.147	21.65	0.146
10	QPSK	25	12	21.54	0.143	21.54	0.143	21.56	0.143
10	QPSK	25	25	21.40	0.138	21.37	0.137	21.37	0.137
10	QPSK	50	0	21.25	0.133	21.37	0.137	21.35	0.136
10	16QAM	1	0	21.83	0.152	21.85	0.153	21.63	0.146
10	16QAM	1	25	21.65	0.146	21.68	0.147	21.67	0.147
10	16QAM	1	49	21.64	0.146	21.64	0.146	21.51	0.142
10	16QAM	25	0	20.93	0.124	20.99	0.126	20.87	0.122
10	16QAM	25	12	21.00	0.126	20.90	0.123	20.88	0.122
10	16QAM	25	25	20.87	0.122	20.81	0.121	20.70	0.117
10	16QAM	50	0	20.92	0.124	20.92	0.124	20.76	0.119
10	64QAM	1	0	21.73	0.149	21.77	0.150	21.71	0.148
10	64QAM	1	25	21.72	0.149	21.63	0.146	21.61	0.145
10	64QAM	1	49	21.61	0.145	21.55	0.143	21.54	0.143
10	64QAM	25	0	21.00	0.126	20.93	0.124	20.85	0.122
10	64QAM	25	12	21.01	0.126	20.85	0.122	20.88	0.122
10	64QAM	25	25	20.92	0.124	20.82	0.121	20.75	0.119
10	64QAM	50	0	20.92	0.124	20.72	0.118	20.79	0.120



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				19975		20175		20375	
Frequency (MHz)				1712.5		1732.5		1752.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	22.13	0.163	22.31	0.170	22.20	0.166
5	QPSK	1	12	21.91	0.155	22.16	0.164	21.98	0.158
5	QPSK	1	24	21.85	0.153	21.89	0.155	21.82	0.152
5	QPSK	12	0	21.57	0.144	21.66	0.147	21.64	0.146
5	QPSK	12	7	21.51	0.142	21.51	0.142	21.55	0.143
5	QPSK	12	13	21.39	0.138	21.34	0.136	21.33	0.136
5	QPSK	25	0	21.20	0.132	21.32	0.136	21.33	0.136
5	16QAM	1	0	21.81	0.152	21.80	0.151	21.60	0.145
5	16QAM	1	12	21.59	0.144	21.66	0.147	21.64	0.146
5	16QAM	1	24	21.59	0.144	21.60	0.145	21.49	0.141
5	16QAM	12	0	20.90	0.123	20.97	0.125	20.86	0.122
5	16QAM	12	7	20.96	0.125	20.84	0.121	20.84	0.121
5	16QAM	12	13	20.81	0.121	20.79	0.120	20.67	0.117
5	16QAM	25	0	20.91	0.123	20.88	0.122	20.75	0.119
5	64QAM	1	0	21.70	0.148	21.73	0.149	21.70	0.148
5	64QAM	1	12	21.70	0.148	21.57	0.144	21.59	0.144
5	64QAM	1	24	21.57	0.144	21.52	0.142	21.50	0.141
5	64QAM	12	0	20.96	0.125	20.90	0.123	20.81	0.121
5	64QAM	12	7	20.98	0.125	20.79	0.120	20.83	0.121
5	64QAM	12	13	20.91	0.123	20.80	0.120	20.73	0.118
5	64QAM	25	0	20.86	0.122	20.70	0.117	20.77	0.119



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				19965		20175		20385	
Frequency (MHz)				1711.5		1732.5		1753.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	22.11	0.163	22.26	0.168	22.14	0.164
3	QPSK	1	8	21.89	0.155	22.13	0.163	21.96	0.157
3	QPSK	1	14	21.79	0.151	21.83	0.152	21.80	0.151
3	QPSK	8	0	21.52	0.142	21.61	0.145	21.61	0.145
3	QPSK	8	4	21.47	0.140	21.47	0.140	21.52	0.142
3	QPSK	8	7	21.38	0.137	21.31	0.135	21.31	0.135
3	QPSK	15	0	21.17	0.131	21.30	0.135	21.28	0.134
3	16QAM	1	0	21.78	0.151	21.78	0.151	21.57	0.144
3	16QAM	1	8	21.53	0.142	21.60	0.145	21.62	0.145
3	16QAM	1	14	21.56	0.143	21.58	0.144	21.44	0.139
3	16QAM	8	0	20.88	0.122	20.96	0.125	20.85	0.122
3	16QAM	8	4	20.92	0.124	20.82	0.121	20.81	0.121
3	16QAM	8	7	20.77	0.119	20.78	0.120	20.64	0.116
3	16QAM	15	0	20.88	0.122	20.83	0.121	20.73	0.118
3	64QAM	1	0	21.66	0.147	21.70	0.148	21.65	0.146
3	64QAM	1	8	21.64	0.146	21.52	0.142	21.58	0.144
3	64QAM	1	14	21.51	0.142	21.49	0.141	21.48	0.141
3	64QAM	8	0	20.92	0.124	20.89	0.123	20.80	0.120
3	64QAM	8	4	20.93	0.124	20.74	0.119	20.80	0.120
3	64QAM	8	7	20.87	0.122	20.74	0.119	20.70	0.117
3	64QAM	15	0	20.83	0.121	20.68	0.117	20.76	0.119



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				19957		20175		20393	
Frequency (MHz)				1710.7		1732.5		1754.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	22.07	0.161	22.27	0.169	22.14	0.164
1.4	QPSK	1	3	21.85	0.153	22.08	0.161	21.92	0.156
1.4	QPSK	1	5	21.80	0.151	21.85	0.153	21.77	0.150
1.4	QPSK	3	0	21.49	0.141	21.63	0.146	21.60	0.145
1.4	QPSK	3	1	21.40	0.138	21.45	0.140	21.45	0.140
1.4	QPSK	3	3	21.31	0.135	21.27	0.134	21.26	0.134
1.4	QPSK	6	0	21.12	0.129	21.24	0.133	21.29	0.135
1.4	16QAM	1	0	21.73	0.149	21.72	0.149	21.54	0.143
1.4	16QAM	1	3	21.53	0.142	21.60	0.145	21.58	0.144
1.4	16QAM	1	5	21.52	0.142	21.49	0.141	21.44	0.139
1.4	16QAM	3	0	20.85	0.122	20.90	0.123	20.75	0.119
1.4	16QAM	3	1	20.91	0.123	20.80	0.120	20.74	0.119
1.4	16QAM	3	3	20.71	0.118	20.73	0.118	20.62	0.115
1.4	16QAM	6	0	20.83	0.121	20.83	0.121	20.65	0.116
1.4	64QAM	1	0	21.64	0.146	21.65	0.146	21.63	0.146
1.4	64QAM	1	3	21.66	0.147	21.55	0.143	21.50	0.141
1.4	64QAM	1	5	21.51	0.142	21.46	0.140	21.42	0.139
1.4	64QAM	3	0	20.88	0.122	20.82	0.121	20.75	0.119
1.4	64QAM	3	1	20.89	0.123	20.75	0.119	20.75	0.119
1.4	64QAM	3	3	20.83	0.121	20.72	0.118	20.63	0.116
1.4	64QAM	6	0	20.77	0.119	20.64	0.116	20.71	0.118



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	19.59	0.091	19.68	0.093	19.65	0.092
10	QPSK	1	25	19.36	0.086	19.65	0.092	19.45	0.088
10	QPSK	1	49	19.30	0.085	19.53	0.090	19.31	0.085
10	QPSK	25	0	18.52	0.071	18.63	0.073	18.58	0.072
10	QPSK	25	12	18.48	0.070	18.56	0.072	18.51	0.071
10	QPSK	25	25	18.45	0.070	18.50	0.071	18.41	0.069
10	QPSK	50	0	18.43	0.070	18.49	0.071	18.47	0.070
10	16QAM	1	0	18.78	0.076	18.97	0.079	18.82	0.076
10	16QAM	1	25	18.73	0.075	18.84	0.077	18.76	0.075
10	16QAM	1	49	18.76	0.075	18.87	0.077	18.67	0.074
10	16QAM	25	0	17.91	0.062	18.07	0.064	17.83	0.061
10	16QAM	25	12	17.78	0.060	17.97	0.063	17.73	0.059
10	16QAM	25	25	17.73	0.059	17.96	0.063	17.59	0.057
10	16QAM	50	0	17.54	0.057	17.86	0.061	17.51	0.056
10	64QAM	1	0	18.75	0.075	18.92	0.078	18.74	0.075
10	64QAM	1	25	18.65	0.073	18.86	0.077	18.70	0.074
10	64QAM	1	49	18.59	0.072	18.82	0.076	18.56	0.072
10	64QAM	25	0	17.71	0.059	17.95	0.062	17.77	0.060
10	64QAM	25	12	17.68	0.059	17.96	0.063	17.72	0.059
10	64QAM	25	25	17.58	0.057	17.92	0.062	17.59	0.057
10	64QAM	50	0	17.57	0.057	17.94	0.062	17.59	0.057



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	19.58	0.091	19.63	0.092	19.60	0.091
5	QPSK	1	12	19.34	0.086	19.60	0.091	19.42	0.087
5	QPSK	1	24	19.27	0.085	19.48	0.089	19.25	0.084
5	QPSK	12	0	18.48	0.070	18.60	0.072	18.54	0.071
5	QPSK	12	7	18.43	0.070	18.51	0.071	18.46	0.070
5	QPSK	12	13	18.39	0.069	18.44	0.070	18.40	0.069
5	QPSK	25	0	18.40	0.069	18.44	0.070	18.42	0.070
5	16QAM	1	0	18.75	0.075	18.92	0.078	18.80	0.076
5	16QAM	1	12	18.69	0.074	18.83	0.076	18.72	0.074
5	16QAM	1	24	18.73	0.075	18.83	0.076	18.64	0.073
5	16QAM	12	0	17.86	0.061	18.03	0.064	17.81	0.060
5	16QAM	12	7	17.76	0.060	17.92	0.062	17.71	0.059
5	16QAM	12	13	17.68	0.059	17.94	0.062	17.54	0.057
5	16QAM	25	0	17.52	0.056	17.81	0.060	17.47	0.056
5	64QAM	1	0	18.70	0.074	18.89	0.077	18.70	0.074
5	64QAM	1	12	18.61	0.073	18.81	0.076	18.65	0.073
5	64QAM	1	24	18.54	0.071	18.79	0.076	18.55	0.072
5	64QAM	12	0	17.66	0.058	17.89	0.062	17.71	0.059
5	64QAM	12	7	17.66	0.058	17.91	0.062	17.68	0.059
5	64QAM	12	13	17.56	0.057	17.87	0.061	17.54	0.057
5	64QAM	25	0	17.52	0.056	17.89	0.062	17.56	0.057



LTE Band 5				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20415		20525		20635	
Frequency (MHz)				825.5		836.5		847.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	19.55	0.090	19.58	0.091	19.55	0.090
3	QPSK	1	8	19.31	0.085	19.58	0.091	19.39	0.087
3	QPSK	1	14	19.21	0.083	19.43	0.088	19.19	0.083
3	QPSK	8	0	18.43	0.070	18.56	0.072	18.51	0.071
3	QPSK	8	4	18.37	0.069	18.50	0.071	18.44	0.070
3	QPSK	8	7	18.38	0.069	18.41	0.069	18.37	0.069
3	QPSK	15	0	18.36	0.069	18.39	0.069	18.41	0.069
3	16QAM	1	0	18.72	0.074	18.88	0.077	18.76	0.075
3	16QAM	1	8	18.68	0.074	18.81	0.076	18.66	0.073
3	16QAM	1	14	18.68	0.074	18.82	0.076	18.59	0.072
3	16QAM	8	0	17.82	0.061	17.98	0.063	17.77	0.060
3	16QAM	8	4	17.72	0.059	17.87	0.061	17.70	0.059
3	16QAM	8	7	17.65	0.058	17.89	0.062	17.51	0.056
3	16QAM	15	0	17.51	0.056	17.75	0.060	17.43	0.055
3	64QAM	1	0	18.65	0.073	18.85	0.077	18.65	0.073
3	64QAM	1	8	18.56	0.072	18.78	0.076	18.61	0.073
3	64QAM	1	14	18.49	0.071	18.75	0.075	18.53	0.071
3	64QAM	8	0	17.64	0.058	17.86	0.061	17.68	0.059
3	64QAM	8	4	17.60	0.058	17.88	0.061	17.64	0.058
3	64QAM	8	7	17.53	0.057	17.85	0.061	17.52	0.056
3	64QAM	15	0	17.48	0.056	17.87	0.061	17.51	0.056



LTE Band 5				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20407		20525		20643	
Frequency (MHz)				824.7		836.5		848.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	19.54	0.090	19.60	0.091	19.59	0.091
1.4	QPSK	1	3	19.26	0.084	19.52	0.090	19.34	0.086
1.4	QPSK	1	5	19.19	0.083	19.39	0.087	19.16	0.082
1.4	QPSK	3	0	18.41	0.069	18.53	0.071	18.49	0.071
1.4	QPSK	3	1	18.35	0.068	18.45	0.070	18.39	0.069
1.4	QPSK	3	3	18.34	0.068	18.40	0.069	18.34	0.068
1.4	QPSK	6	0	18.33	0.068	18.36	0.069	18.39	0.069
1.4	16QAM	1	0	18.66	0.073	18.85	0.077	18.72	0.074
1.4	16QAM	1	3	18.63	0.073	18.80	0.076	18.65	0.073
1.4	16QAM	1	5	18.65	0.073	18.78	0.076	18.56	0.072
1.4	16QAM	3	0	17.77	0.060	17.95	0.062	17.73	0.059
1.4	16QAM	3	1	17.70	0.059	17.85	0.061	17.68	0.059
1.4	16QAM	3	3	17.63	0.058	17.84	0.061	17.45	0.056
1.4	16QAM	6	0	17.48	0.056	17.73	0.059	17.39	0.055
1.4	64QAM	1	0	18.62	0.073	18.83	0.076	18.63	0.073
1.4	64QAM	1	3	18.51	0.071	18.74	0.075	18.59	0.072
1.4	64QAM	1	5	18.44	0.070	18.70	0.074	18.50	0.071
1.4	64QAM	3	0	17.60	0.058	17.82	0.061	17.66	0.058
1.4	64QAM	3	1	17.58	0.057	17.84	0.061	17.60	0.058
1.4	64QAM	3	3	17.51	0.056	17.81	0.060	17.51	0.056
1.4	64QAM	6	0	17.46	0.056	17.84	0.061	17.46	0.056



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	21.83	0.152	21.84	0.153	21.80	0.151
20	QPSK	1	49	21.82	0.152	21.83	0.152	21.80	0.151
20	QPSK	1	99	21.64	0.146	21.76	0.150	21.63	0.146
20	QPSK	50	0	21.38	0.137	21.43	0.139	21.42	0.139
20	QPSK	50	24	21.31	0.135	21.27	0.134	21.39	0.138
20	QPSK	50	50	21.36	0.137	21.22	0.132	21.36	0.137
20	QPSK	100	0	21.23	0.133	21.32	0.136	21.30	0.135
20	16QAM	1	0	21.23	0.133	21.30	0.135	21.35	0.136
20	16QAM	1	49	21.26	0.134	21.30	0.135	21.20	0.132
20	16QAM	1	99	21.09	0.129	21.17	0.131	21.08	0.128
20	16QAM	50	0	20.49	0.112	20.56	0.114	20.55	0.114
20	16QAM	50	24	20.52	0.113	20.54	0.113	20.55	0.114
20	16QAM	50	50	20.40	0.110	20.44	0.111	20.45	0.111
20	16QAM	100	0	20.30	0.107	20.37	0.109	20.33	0.108
20	64QAM	1	0	21.06	0.128	21.11	0.129	21.11	0.129
20	64QAM	1	49	20.98	0.125	21.17	0.131	21.10	0.129
20	64QAM	1	99	20.89	0.123	21.04	0.127	20.97	0.125
20	64QAM	50	0	20.31	0.107	20.48	0.112	20.49	0.112
20	64QAM	50	24	20.24	0.106	20.41	0.110	20.38	0.109
20	64QAM	50	50	20.22	0.105	20.35	0.108	20.37	0.109
20	64QAM	100	0	20.12	0.103	20.26	0.106	20.26	0.106



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	21.78	0.151	21.82	0.152	21.76	0.150
15	QPSK	1	37	21.79	0.151	21.81	0.152	21.77	0.150
15	QPSK	1	74	21.58	0.144	21.73	0.149	21.58	0.144
15	QPSK	36	0	21.33	0.136	21.40	0.138	21.39	0.138
15	QPSK	36	20	21.25	0.133	21.22	0.132	21.35	0.136
15	QPSK	36	39	21.31	0.135	21.17	0.131	21.31	0.135
15	QPSK	75	0	21.17	0.131	21.30	0.135	21.28	0.134
15	16QAM	1	0	21.18	0.131	21.27	0.134	21.33	0.136
15	16QAM	1	37	21.21	0.132	21.25	0.133	21.16	0.131
15	16QAM	1	74	21.03	0.127	21.15	0.130	21.06	0.128
15	16QAM	36	0	20.44	0.111	20.52	0.113	20.52	0.113
15	16QAM	36	20	20.47	0.111	20.48	0.112	20.50	0.112
15	16QAM	36	39	20.39	0.109	20.42	0.110	20.40	0.110
15	16QAM	75	0	20.27	0.106	20.35	0.108	20.30	0.107
15	64QAM	1	0	21.01	0.126	21.09	0.129	21.10	0.129
15	64QAM	1	37	20.95	0.124	21.12	0.129	21.05	0.127
15	64QAM	1	74	20.86	0.122	21.01	0.126	20.95	0.124
15	64QAM	36	0	20.30	0.107	20.44	0.111	20.44	0.111
15	64QAM	36	20	20.23	0.105	20.37	0.109	20.36	0.109
15	64QAM	36	39	20.16	0.104	20.33	0.108	20.31	0.107
15	64QAM	75	0	20.06	0.101	20.24	0.106	20.21	0.105



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	21.74	0.149	21.81	0.152	21.75	0.150
10	QPSK	1	25	21.76	0.150	21.76	0.150	21.74	0.149
10	QPSK	1	49	21.54	0.143	21.71	0.148	21.54	0.143
10	QPSK	25	0	21.31	0.135	21.37	0.137	21.34	0.136
10	QPSK	25	12	21.23	0.133	21.17	0.131	21.32	0.136
10	QPSK	25	25	21.27	0.134	21.16	0.131	21.29	0.135
10	QPSK	50	0	21.15	0.130	21.27	0.134	21.25	0.133
10	16QAM	1	0	21.14	0.130	21.26	0.134	21.32	0.136
10	16QAM	1	25	21.19	0.132	21.24	0.133	21.14	0.130
10	16QAM	1	49	20.97	0.125	21.14	0.130	21.05	0.127
10	16QAM	25	0	20.41	0.110	20.48	0.112	20.49	0.112
10	16QAM	25	12	20.41	0.110	20.46	0.111	20.46	0.111
10	16QAM	25	25	20.36	0.109	20.36	0.109	20.34	0.108
10	16QAM	50	0	20.24	0.106	20.30	0.107	20.25	0.106
10	64QAM	1	0	21.00	0.126	21.04	0.127	21.08	0.128
10	64QAM	1	25	20.92	0.124	21.08	0.128	21.03	0.127
10	64QAM	1	49	20.84	0.121	20.97	0.125	20.91	0.123
10	64QAM	25	0	20.27	0.106	20.38	0.109	20.40	0.110
10	64QAM	25	12	20.18	0.104	20.34	0.108	20.32	0.108
10	64QAM	25	25	20.13	0.103	20.31	0.107	20.27	0.106
10	64QAM	50	0	20.03	0.101	20.21	0.105	20.17	0.104



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	21.72	0.149	21.76	0.150	21.73	0.149
5	QPSK	1	12	21.75	0.150	21.71	0.148	21.70	0.148
5	QPSK	1	24	21.50	0.141	21.68	0.147	21.53	0.142
5	QPSK	12	0	21.30	0.135	21.35	0.136	21.30	0.135
5	QPSK	12	7	21.18	0.131	21.12	0.129	21.30	0.135
5	QPSK	12	13	21.24	0.133	21.11	0.129	21.24	0.133
5	QPSK	25	0	21.09	0.129	21.24	0.133	21.24	0.133
5	16QAM	1	0	21.11	0.129	21.25	0.133	21.29	0.135
5	16QAM	1	12	21.15	0.130	21.22	0.132	21.12	0.129
5	16QAM	1	24	20.92	0.124	21.08	0.128	21.02	0.126
5	16QAM	12	0	20.39	0.109	20.43	0.110	20.46	0.111
5	16QAM	12	7	20.36	0.109	20.40	0.110	20.44	0.111
5	16QAM	12	13	20.31	0.107	20.34	0.108	20.32	0.108
5	16QAM	25	0	20.22	0.105	20.26	0.106	20.20	0.105
5	64QAM	1	0	20.94	0.124	21.00	0.126	21.02	0.126
5	64QAM	1	12	20.87	0.122	21.04	0.127	20.97	0.125
5	64QAM	1	24	20.79	0.120	20.95	0.124	20.89	0.123
5	64QAM	12	0	20.25	0.106	20.35	0.108	20.38	0.109
5	64QAM	12	7	20.16	0.104	20.30	0.107	20.26	0.106
5	64QAM	12	13	20.08	0.102	20.28	0.107	20.22	0.105
5	64QAM	25	0	19.97	0.099	20.18	0.104	20.11	0.103



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	19.28	0.085	19.34	0.086	19.39	0.087
15	QPSK	1	37	19.18	0.083	19.14	0.082	19.20	0.083
15	QPSK	1	74	19.07	0.081	19.03	0.080	19.14	0.082
15	QPSK	36	0	18.69	0.074	18.63	0.073	18.70	0.074
15	QPSK	36	20	18.44	0.070	18.45	0.070	18.51	0.071
15	QPSK	36	39	18.48	0.070	18.45	0.070	18.51	0.071
15	QPSK	75	0	18.53	0.071	18.49	0.071	18.56	0.072
15	16QAM	1	0	18.79	0.076	18.77	0.075	18.84	0.077
15	16QAM	1	37	18.60	0.072	18.63	0.073	18.68	0.074
15	16QAM	1	74	18.68	0.074	18.67	0.074	18.70	0.074
15	16QAM	36	0	17.51	0.056	17.58	0.057	17.60	0.058
15	16QAM	36	20	17.42	0.055	17.41	0.055	17.47	0.056
15	16QAM	36	39	17.31	0.054	17.32	0.054	17.41	0.055
15	16QAM	75	0	17.25	0.053	17.30	0.054	17.37	0.055
15	64QAM	1	0	18.74	0.075	18.68	0.074	18.77	0.075
15	64QAM	1	37	18.61	0.073	18.56	0.072	18.66	0.073
15	64QAM	1	74	18.48	0.070	18.43	0.070	18.55	0.072
15	64QAM	36	0	17.30	0.054	17.37	0.055	17.39	0.055
15	64QAM	36	20	17.17	0.052	17.24	0.053	17.27	0.053
15	64QAM	36	39	17.14	0.052	17.14	0.052	17.26	0.053
15	64QAM	75	0	17.12	0.052	17.19	0.052	17.23	0.053



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	19.29	0.085	19.27	0.085	19.36	0.086
10	QPSK	1	25	19.13	0.082	19.09	0.081	19.14	0.082
10	QPSK	1	49	19.01	0.080	19.01	0.080	19.08	0.081
10	QPSK	25	0	18.55	0.072	18.62	0.073	18.66	0.073
10	QPSK	25	12	18.40	0.069	18.46	0.070	18.50	0.071
10	QPSK	25	25	18.48	0.070	18.37	0.069	18.49	0.071
10	QPSK	50	0	18.41	0.069	18.43	0.070	18.51	0.071
10	16QAM	1	0	18.78	0.076	18.75	0.075	18.80	0.076
10	16QAM	1	25	18.53	0.071	18.61	0.073	18.64	0.073
10	16QAM	1	49	18.59	0.072	18.63	0.073	18.65	0.073
10	16QAM	25	0	17.55	0.057	17.54	0.057	17.59	0.057
10	16QAM	25	12	17.43	0.055	17.42	0.055	17.45	0.056
10	16QAM	25	25	17.31	0.054	17.35	0.054	17.37	0.055
10	16QAM	50	0	17.30	0.054	17.26	0.053	17.32	0.054
10	64QAM	1	0	18.70	0.074	18.73	0.075	18.75	0.075
10	64QAM	1	25	18.54	0.071	18.60	0.072	18.63	0.073
10	64QAM	1	49	18.44	0.070	18.41	0.069	18.51	0.071
10	64QAM	25	0	17.28	0.053	17.35	0.054	17.36	0.054
10	64QAM	25	12	17.14	0.052	17.12	0.052	17.22	0.053
10	64QAM	25	25	17.19	0.052	17.21	0.053	17.24	0.053
10	64QAM	50	0	17.14	0.052	17.15	0.052	17.20	0.052



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	19.25	0.084	19.31	0.085	19.32	0.086
5	QPSK	1	12	19.11	0.081	19.07	0.081	19.12	0.082
5	QPSK	1	24	18.97	0.079	18.96	0.079	19.04	0.080
5	QPSK	12	0	18.57	0.072	18.62	0.073	18.64	0.073
5	QPSK	12	7	18.33	0.068	18.35	0.068	18.45	0.070
5	QPSK	12	13	18.45	0.070	18.34	0.068	18.46	0.070
5	QPSK	25	0	18.38	0.069	18.45	0.070	18.47	0.070
5	16QAM	1	0	18.67	0.074	18.66	0.073	18.78	0.076
5	16QAM	1	12	18.57	0.072	18.54	0.071	18.62	0.073
5	16QAM	1	24	18.50	0.071	18.50	0.071	18.60	0.072
5	16QAM	12	0	17.57	0.057	17.46	0.056	17.58	0.057
5	16QAM	12	7	17.33	0.054	17.37	0.055	17.40	0.055
5	16QAM	12	13	17.19	0.052	17.25	0.053	17.31	0.054
5	16QAM	25	0	17.24	0.053	17.20	0.052	17.26	0.053
5	64QAM	1	0	18.64	0.073	18.61	0.073	18.72	0.074
5	64QAM	1	12	18.58	0.072	18.58	0.072	18.60	0.072
5	64QAM	1	24	18.39	0.069	18.48	0.070	18.50	0.071
5	64QAM	12	0	17.23	0.053	17.31	0.054	17.32	0.054
5	64QAM	12	7	17.16	0.052	17.15	0.052	17.19	0.052
5	64QAM	12	13	17.19	0.052	17.17	0.052	17.21	0.053
5	64QAM	25	0	17.17	0.052	17.08	0.051	17.18	0.052



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	19.28	0.085	19.26	0.084	19.27	0.085
3	QPSK	1	8	18.99	0.079	18.99	0.079	19.11	0.081
3	QPSK	1	14	18.91	0.078	18.99	0.079	19.02	0.080
3	QPSK	8	0	18.57	0.072	18.48	0.070	18.58	0.072
3	QPSK	8	4	18.35	0.068	18.35	0.068	18.41	0.069
3	QPSK	8	7	18.30	0.068	18.37	0.069	18.42	0.070
3	QPSK	15	0	18.42	0.070	18.35	0.068	18.44	0.070
3	16QAM	1	0	18.70	0.074	18.69	0.074	18.76	0.075
3	16QAM	1	8	18.49	0.071	18.49	0.071	18.56	0.072
3	16QAM	1	14	18.46	0.070	18.51	0.071	18.54	0.071
3	16QAM	8	0	17.49	0.056	17.52	0.056	17.54	0.057
3	16QAM	8	4	17.30	0.054	17.26	0.053	17.37	0.055
3	16QAM	8	7	17.17	0.052	17.20	0.052	17.28	0.053
3	16QAM	15	0	17.13	0.052	17.16	0.052	17.21	0.053
3	64QAM	1	0	18.61	0.073	18.62	0.073	18.67	0.074
3	64QAM	1	8	18.52	0.071	18.56	0.072	18.57	0.072
3	64QAM	1	14	18.44	0.070	18.39	0.069	18.46	0.070
3	64QAM	8	0	17.16	0.052	17.23	0.053	17.28	0.053
3	64QAM	8	4	17.11	0.051	17.03	0.050	17.13	0.052
3	64QAM	8	7	17.07	0.051	17.10	0.051	17.16	0.052
3	64QAM	15	0	17.07	0.051	17.05	0.051	17.15	0.052



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	19.24	0.084	19.17	0.083	19.25	0.084
1.4	QPSK	1	3	19.02	0.080	19.01	0.080	19.09	0.081
1.4	QPSK	1	5	18.86	0.077	18.95	0.079	18.96	0.079
1.4	QPSK	3	0	18.57	0.072	18.51	0.071	18.55	0.072
1.4	QPSK	3	1	18.29	0.067	18.31	0.068	18.36	0.069
1.4	QPSK	3	3	18.30	0.068	18.34	0.068	18.40	0.069
1.4	QPSK	6	0	18.33	0.068	18.32	0.068	18.39	0.069
1.4	16QAM	1	0	18.60	0.072	18.61	0.073	18.71	0.074
1.4	16QAM	1	3	18.53	0.071	18.54	0.071	18.54	0.071
1.4	16QAM	1	5	18.49	0.071	18.40	0.069	18.50	0.071
1.4	16QAM	3	0	17.50	0.056	17.49	0.056	17.50	0.056
1.4	16QAM	3	1	17.26	0.053	17.31	0.054	17.35	0.054
1.4	16QAM	3	3	17.19	0.052	17.24	0.053	17.25	0.053
1.4	16QAM	6	0	17.15	0.052	17.13	0.052	17.15	0.052
1.4	64QAM	1	0	18.66	0.073	18.66	0.073	18.65	0.073
1.4	64QAM	1	3	18.44	0.070	18.57	0.072	18.55	0.072
1.4	64QAM	1	5	18.32	0.068	18.31	0.068	18.42	0.070
1.4	64QAM	3	0	17.15	0.052	17.25	0.053	17.24	0.053
1.4	64QAM	3	1	17.02	0.050	17.05	0.051	17.12	0.052
1.4	64QAM	3	3	17.14	0.052	17.05	0.051	17.15	0.052
1.4	64QAM	6	0	17.08	0.051	17.03	0.050	17.14	0.052



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	21.97	0.157	22.04	0.160	22.00	0.158
20	QPSK	1	49	21.93	0.156	21.99	0.158	21.96	0.157
20	QPSK	1	99	21.98	0.158	22.02	0.159	21.93	0.156
20	QPSK	50	0	21.46	0.140	21.53	0.142	21.44	0.139
20	QPSK	50	24	21.41	0.138	21.49	0.141	21.35	0.136
20	QPSK	50	50	21.27	0.134	21.37	0.137	21.35	0.136
20	QPSK	100	0	21.27	0.134	21.31	0.135	21.20	0.132
20	16QAM	1	0	21.29	0.135	21.36	0.137	21.26	0.134
20	16QAM	1	49	21.14	0.130	21.19	0.132	21.20	0.132
20	16QAM	1	99	21.03	0.127	21.17	0.131	21.12	0.129
20	16QAM	50	0	20.52	0.113	20.54	0.113	20.50	0.112
20	16QAM	50	24	20.45	0.111	20.60	0.115	20.44	0.111
20	16QAM	50	50	20.43	0.110	20.54	0.113	20.27	0.106
20	16QAM	100	0	20.25	0.106	20.42	0.110	20.18	0.104
20	64QAM	1	0	21.30	0.135	21.27	0.134	21.14	0.130
20	64QAM	1	49	21.14	0.130	21.13	0.130	21.13	0.130
20	64QAM	1	99	21.16	0.131	21.16	0.131	21.07	0.128
20	64QAM	50	0	20.56	0.114	20.54	0.113	20.42	0.110
20	64QAM	50	24	20.41	0.110	20.44	0.111	20.30	0.107
20	64QAM	50	50	20.25	0.106	20.37	0.109	20.25	0.106
20	64QAM	100	0	20.30	0.107	20.36	0.109	20.40	0.110



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	21.92	0.156	21.95	0.157	21.90	0.155
15	QPSK	1	37	21.89	0.155	21.94	0.156	21.89	0.155
15	QPSK	1	74	21.86	0.153	21.95	0.157	21.82	0.152
15	QPSK	36	0	21.45	0.140	21.52	0.142	21.36	0.137
15	QPSK	36	20	21.34	0.136	21.45	0.140	21.26	0.134
15	QPSK	36	39	21.15	0.130	21.25	0.133	21.28	0.134
15	QPSK	75	0	21.20	0.132	21.28	0.134	21.16	0.131
15	16QAM	1	0	21.24	0.133	21.33	0.136	21.16	0.131
15	16QAM	1	37	21.10	0.129	21.17	0.131	21.13	0.130
15	16QAM	1	74	20.91	0.123	21.11	0.129	21.02	0.126
15	16QAM	36	0	20.41	0.110	20.47	0.111	20.41	0.110
15	16QAM	36	20	20.35	0.108	20.49	0.112	20.39	0.109
15	16QAM	36	39	20.32	0.108	20.45	0.111	20.23	0.105
15	16QAM	75	0	20.17	0.104	20.40	0.110	20.13	0.103
15	64QAM	1	0	21.25	0.133	21.20	0.132	21.07	0.128
15	64QAM	1	37	21.04	0.127	21.06	0.128	21.12	0.129
15	64QAM	1	74	21.11	0.129	21.10	0.129	20.98	0.125
15	64QAM	36	0	20.52	0.113	20.46	0.111	20.40	0.110
15	64QAM	36	20	20.39	0.109	20.36	0.109	20.23	0.105
15	64QAM	36	39	20.19	0.104	20.26	0.106	20.16	0.104
15	64QAM	75	0	20.19	0.104	20.32	0.108	20.31	0.107



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	21.86	0.153	21.90	0.155	21.78	0.151
10	QPSK	1	25	21.80	0.151	21.86	0.153	21.86	0.153
10	QPSK	1	49	21.77	0.150	21.83	0.152	21.77	0.150
10	QPSK	25	0	21.39	0.138	21.43	0.139	21.28	0.134
10	QPSK	25	12	21.31	0.135	21.36	0.137	21.24	0.133
10	QPSK	25	25	21.12	0.129	21.21	0.132	21.26	0.134
10	QPSK	50	0	21.19	0.132	21.20	0.132	21.07	0.128
10	16QAM	1	0	21.19	0.132	21.22	0.132	21.13	0.130
10	16QAM	1	25	21.06	0.128	21.05	0.127	21.11	0.129
10	16QAM	1	49	20.81	0.121	21.09	0.129	20.99	0.126
10	16QAM	25	0	20.36	0.109	20.44	0.111	20.34	0.108
10	16QAM	25	12	20.32	0.108	20.47	0.111	20.28	0.107
10	16QAM	25	25	20.27	0.106	20.36	0.109	20.18	0.104
10	16QAM	50	0	20.06	0.101	20.34	0.108	20.07	0.102
10	64QAM	1	0	21.07	0.128	21.10	0.129	20.96	0.125
10	64QAM	1	25	20.92	0.124	21.02	0.126	21.10	0.129
10	64QAM	1	49	21.09	0.129	21.06	0.128	20.97	0.125
10	64QAM	25	0	20.48	0.112	20.45	0.111	20.28	0.107
10	64QAM	25	12	20.29	0.107	20.27	0.106	20.20	0.105
10	64QAM	25	25	20.09	0.102	20.14	0.103	20.07	0.102
10	64QAM	50	0	20.15	0.104	20.23	0.105	20.19	0.104



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	21.75	0.150	21.79	0.151	21.77	0.150
5	QPSK	1	12	21.70	0.148	21.74	0.149	21.74	0.149
5	QPSK	1	24	21.65	0.146	21.70	0.148	21.64	0.146
5	QPSK	12	0	21.30	0.135	21.44	0.139	21.20	0.132
5	QPSK	12	7	21.24	0.133	21.30	0.135	21.13	0.130
5	QPSK	12	13	20.98	0.125	21.09	0.129	21.15	0.130
5	QPSK	25	0	21.03	0.127	21.13	0.130	21.01	0.126
5	16QAM	1	0	21.15	0.130	21.13	0.130	20.99	0.126
5	16QAM	1	12	20.97	0.125	21.03	0.127	20.99	0.126
5	16QAM	1	24	20.74	0.119	20.93	0.124	20.87	0.122
5	16QAM	12	0	20.27	0.106	20.28	0.107	20.30	0.107
5	16QAM	12	7	20.16	0.104	20.39	0.109	20.31	0.107
5	16QAM	12	13	20.28	0.107	20.32	0.108	20.10	0.102
5	16QAM	25	0	20.04	0.101	20.21	0.105	19.96	0.099
5	64QAM	1	0	21.11	0.129	21.08	0.128	20.94	0.124
5	64QAM	1	12	20.94	0.124	20.93	0.124	21.00	0.126
5	64QAM	1	24	20.99	0.126	21.01	0.126	20.84	0.121
5	64QAM	12	0	20.39	0.109	20.32	0.108	20.21	0.105
5	64QAM	12	7	20.29	0.107	20.24	0.106	20.06	0.101
5	64QAM	12	13	20.05	0.101	20.14	0.103	19.97	0.099
5	64QAM	25	0	20.09	0.102	20.14	0.103	20.21	0.105



LTE Band 40, Block A				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				/		38750		/	
Frequency (MHz)				/		2310		/	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	/	/	22.90	0.195	/	/
10	QPSK	1	25	/	/	22.81	0.191	/	/
10	QPSK	1	49	/	/	22.73	0.187	/	/
10	QPSK	25	0	/	/	22.33	0.171	/	/
10	QPSK	25	12	/	/	22.31	0.170	/	/
10	QPSK	25	25	/	/	22.14	0.164	/	/
10	QPSK	50	0	/	/	22.13	0.163	/	/
10	16QAM	1	0	/	/	22.05	0.160	/	/
10	16QAM	1	25	/	/	21.95	0.157	/	/
10	16QAM	1	49	/	/	21.88	0.154	/	/
10	16QAM	25	0	/	/	21.33	0.136	/	/
10	16QAM	25	12	/	/	21.14	0.130	/	/
10	16QAM	25	25	/	/	21.17	0.131	/	/
10	16QAM	50	0	/	/	21.08	0.128	/	/
10	64QAM	1	0	/	/	22.05	0.160	/	/
10	64QAM	1	25	/	/	21.91	0.155	/	/
10	64QAM	1	49	/	/	21.90	0.155	/	/
10	64QAM	25	0	/	/	21.21	0.132	/	/
10	64QAM	25	12	/	/	21.17	0.131	/	/
10	64QAM	25	25	/	/	21.07	0.128	/	/
10	64QAM	50	0	/	/	20.98	0.125	/	/



LTE Band 40, Block A				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				38725		38750		38775	
Frequency (MHz)				2307.5		2310		2312.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	22.71	0.187	22.80	0.191	22.75	0.188
5	QPSK	1	12	22.69	0.186	22.76	0.189	22.66	0.185
5	QPSK	1	24	22.66	0.185	22.61	0.182	22.54	0.179
5	QPSK	12	0	22.21	0.166	22.33	0.171	22.20	0.166
5	QPSK	12	7	22.15	0.164	22.23	0.167	22.13	0.163
5	QPSK	12	13	22.07	0.161	22.20	0.166	22.08	0.161
5	QPSK	25	0	22.09	0.162	22.06	0.161	22.02	0.159
5	16QAM	1	0	22.00	0.158	21.99	0.158	21.91	0.155
5	16QAM	1	12	21.81	0.152	21.89	0.155	21.82	0.152
5	16QAM	1	24	21.81	0.152	21.85	0.153	21.70	0.148
5	16QAM	12	0	21.19	0.132	21.26	0.134	21.13	0.130
5	16QAM	12	7	21.04	0.127	21.19	0.132	20.99	0.126
5	16QAM	12	13	20.99	0.126	21.05	0.127	20.93	0.124
5	16QAM	25	0	20.92	0.124	21.00	0.126	20.87	0.122
5	64QAM	1	0	21.99	0.158	21.97	0.157	21.78	0.151
5	64QAM	1	12	21.87	0.154	21.87	0.154	21.81	0.152
5	64QAM	1	24	21.77	0.150	21.79	0.151	21.65	0.146
5	64QAM	12	0	21.23	0.133	21.15	0.130	21.07	0.128
5	64QAM	12	7	21.05	0.127	21.15	0.130	20.95	0.124
5	64QAM	12	13	20.96	0.125	21.04	0.127	20.85	0.122
5	64QAM	25	0	20.86	0.122	20.87	0.122	20.68	0.117



LTE Band 40, Block B				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				/		39200		/	
Frequency (MHz)				/		2355		/	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	/	/	22.91	0.195	/	/
10	QPSK	1	25	/	/	22.75	0.188	/	/
10	QPSK	1	49	/	/	22.66	0.185	/	/
10	QPSK	25	0	/	/	22.34	0.171	/	/
10	QPSK	25	12	/	/	22.29	0.169	/	/
10	QPSK	25	25	/	/	22.15	0.164	/	/
10	QPSK	50	0	/	/	22.16	0.164	/	/
10	16QAM	1	0	/	/	22.07	0.161	/	/
10	16QAM	1	25	/	/	22.00	0.158	/	/
10	16QAM	1	49	/	/	21.83	0.152	/	/
10	16QAM	25	0	/	/	21.32	0.136	/	/
10	16QAM	25	12	/	/	21.14	0.130	/	/
10	16QAM	25	25	/	/	21.13	0.130	/	/
10	16QAM	50	0	/	/	21.11	0.129	/	/
10	64QAM	1	0	/	/	22.07	0.161	/	/
10	64QAM	1	25	/	/	21.92	0.156	/	/
10	64QAM	1	49	/	/	21.87	0.154	/	/
10	64QAM	25	0	/	/	21.31	0.135	/	/
10	64QAM	25	12	/	/	21.18	0.131	/	/
10	64QAM	25	25	/	/	21.02	0.126	/	/
10	64QAM	50	0	/	/	20.94	0.124	/	/



LTE Band 40, Block B				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39175		39200		39225	
Frequency (MHz)				2352.5		2355		2357.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	22.80	0.191	22.86	0.193	22.70	0.186
5	QPSK	1	12	22.70	0.186	22.76	0.189	22.64	0.184
5	QPSK	1	24	22.64	0.184	22.65	0.184	22.53	0.179
5	QPSK	12	0	22.24	0.167	22.33	0.171	22.19	0.166
5	QPSK	12	7	22.13	0.163	22.24	0.167	22.16	0.164
5	QPSK	12	13	22.05	0.160	22.21	0.166	22.01	0.159
5	QPSK	25	0	22.08	0.161	22.10	0.162	21.97	0.157
5	16QAM	1	0	21.92	0.156	22.00	0.158	21.93	0.156
5	16QAM	1	12	21.91	0.155	21.85	0.153	21.79	0.151
5	16QAM	1	24	21.79	0.151	21.91	0.155	21.77	0.150
5	16QAM	12	0	21.24	0.133	21.28	0.134	21.14	0.130
5	16QAM	12	7	21.11	0.129	21.13	0.130	20.97	0.125
5	16QAM	12	13	21.07	0.128	21.07	0.128	20.92	0.124
5	16QAM	25	0	20.99	0.126	20.97	0.125	20.94	0.124
5	64QAM	1	0	21.95	0.157	22.02	0.159	21.85	0.153
5	64QAM	1	12	21.83	0.152	21.92	0.156	21.82	0.152
5	64QAM	1	24	21.78	0.151	21.83	0.152	21.69	0.148
5	64QAM	12	0	21.22	0.132	21.26	0.134	21.09	0.129
5	64QAM	12	7	21.01	0.126	21.17	0.131	20.96	0.125
5	64QAM	12	13	20.98	0.125	21.02	0.126	20.89	0.123
5	64QAM	25	0	20.81	0.121	20.91	0.123	20.77	0.119



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				40140		40640		41340	
Frequency (MHz)				2545		2595		2665	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	22.09	0.162	22.26	0.168	22.18	0.165
20	QPSK	1	49	21.96	0.157	22.21	0.166	22.10	0.162
20	QPSK	1	99	21.90	0.155	22.06	0.161	22.10	0.162
20	QPSK	50	0	21.17	0.131	21.40	0.138	21.39	0.138
20	QPSK	50	24	21.03	0.127	21.35	0.136	21.26	0.134
20	QPSK	50	50	21.02	0.126	21.30	0.135	21.13	0.130
20	QPSK	100	0	20.86	0.122	21.10	0.129	21.04	0.127
20	16QAM	1	0	21.04	0.127	21.32	0.136	21.26	0.134
20	16QAM	1	49	20.87	0.122	21.25	0.133	21.22	0.132
20	16QAM	1	99	20.85	0.122	21.17	0.131	21.13	0.130
20	16QAM	50	0	20.25	0.106	20.52	0.113	20.57	0.114
20	16QAM	50	24	20.11	0.103	20.49	0.112	20.46	0.111
20	16QAM	50	50	20.04	0.101	20.41	0.110	20.43	0.110
20	16QAM	100	0	20.05	0.101	20.34	0.108	20.30	0.107
20	64QAM	1	0	20.94	0.124	21.25	0.133	21.17	0.131
20	64QAM	1	49	20.91	0.123	21.19	0.132	21.14	0.130
20	64QAM	1	99	20.79	0.120	21.05	0.127	21.13	0.130
20	64QAM	50	0	20.21	0.105	20.58	0.114	20.56	0.114
20	64QAM	50	24	20.17	0.104	20.50	0.112	20.44	0.111
20	64QAM	50	50	20.13	0.103	20.31	0.107	20.37	0.109
20	64QAM	100	0	20.04	0.101	20.24	0.106	20.32	0.108



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				40115		40640		41365	
Frequency (MHz)				2542.5		2595		2667.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	22.03	0.160	22.24	0.167	22.12	0.163
15	QPSK	1	37	21.85	0.153	22.20	0.166	22.06	0.161
15	QPSK	1	74	21.84	0.153	21.99	0.158	22.07	0.161
15	QPSK	36	0	21.15	0.130	21.39	0.138	21.36	0.137
15	QPSK	36	20	20.92	0.124	21.28	0.134	21.19	0.132
15	QPSK	36	39	20.91	0.123	21.27	0.134	21.07	0.128
15	QPSK	75	0	20.76	0.119	21.00	0.126	20.96	0.125
15	16QAM	1	0	20.93	0.124	21.29	0.135	21.19	0.132
15	16QAM	1	37	20.78	0.120	21.21	0.132	21.21	0.132
15	16QAM	1	74	20.83	0.121	21.08	0.128	21.11	0.129
15	16QAM	36	0	20.14	0.103	20.49	0.112	20.46	0.111
15	16QAM	36	20	20.06	0.101	20.40	0.110	20.40	0.110
15	16QAM	36	39	20.03	0.101	20.35	0.108	20.38	0.109
15	16QAM	75	0	20.00	0.100	20.22	0.105	20.28	0.107
15	64QAM	1	0	20.85	0.122	21.20	0.132	21.14	0.130
15	64QAM	1	37	20.80	0.120	21.14	0.130	21.05	0.127
15	64QAM	1	74	20.72	0.118	20.96	0.125	21.08	0.128
15	64QAM	36	0	20.19	0.104	20.52	0.113	20.51	0.112
15	64QAM	36	20	20.07	0.102	20.44	0.111	20.35	0.108
15	64QAM	36	39	20.05	0.101	20.27	0.106	20.25	0.106
15	64QAM	75	0	20.03	0.101	20.21	0.105	20.28	0.107



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				40090		40640		41390	
Frequency (MHz)				2540		2605		2670	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	21.90	0.155	22.21	0.166	22.11	0.163
10	QPSK	1	25	21.80	0.151	22.16	0.164	21.95	0.157
10	QPSK	1	49	21.73	0.149	21.98	0.158	21.98	0.158
10	QPSK	25	0	21.09	0.129	21.29	0.135	21.35	0.136
10	QPSK	25	12	20.85	0.122	21.21	0.132	21.13	0.130
10	QPSK	25	25	20.82	0.121	21.23	0.133	21.05	0.127
10	QPSK	50	0	20.73	0.118	20.92	0.124	20.86	0.122
10	16QAM	1	0	20.84	0.121	21.26	0.134	21.17	0.131
10	16QAM	1	25	20.72	0.118	21.18	0.131	21.19	0.132
10	16QAM	1	49	20.73	0.118	20.97	0.125	21.08	0.128
10	16QAM	25	0	20.08	0.102	20.40	0.110	20.45	0.111
10	16QAM	25	12	19.98	0.100	20.32	0.108	20.32	0.108
10	16QAM	25	25	20.00	0.100	20.27	0.106	20.32	0.108
10	16QAM	50	0	19.98	0.100	20.17	0.104	20.27	0.106
10	64QAM	1	0	20.74	0.119	21.14	0.130	21.04	0.127
10	64QAM	1	25	20.71	0.118	21.07	0.128	21.03	0.127
10	64QAM	1	49	20.69	0.117	20.86	0.122	20.96	0.125
10	64QAM	25	0	20.13	0.103	20.41	0.110	20.47	0.111
10	64QAM	25	12	19.97	0.099	20.41	0.110	20.34	0.108
10	64QAM	25	25	19.99	0.100	20.18	0.104	20.13	0.103
10	64QAM	50	0	20.00	0.100	20.14	0.103	20.18	0.104



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				40065		40640		41415	
Frequency (MHz)				2537.5		2605		2672.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	21.97	0.157	22.14	0.164	21.98	0.158
5	QPSK	1	12	21.78	0.151	22.12	0.163	21.93	0.156
5	QPSK	1	24	21.79	0.151	21.87	0.154	22.00	0.158
5	QPSK	12	0	21.06	0.128	21.29	0.135	21.25	0.133
5	QPSK	12	7	20.83	0.121	21.22	0.132	21.11	0.129
5	QPSK	12	13	20.86	0.122	21.18	0.131	21.01	0.126
5	QPSK	25	0	20.72	0.118	20.89	0.123	20.82	0.121
5	16QAM	1	0	20.82	0.121	21.20	0.132	21.06	0.128
5	16QAM	1	12	20.73	0.118	21.12	0.129	21.13	0.130
5	16QAM	1	24	20.78	0.120	20.97	0.125	21.06	0.128
5	16QAM	12	0	20.03	0.101	20.36	0.109	20.31	0.107
5	16QAM	12	7	19.94	0.099	20.27	0.106	20.32	0.108
5	16QAM	12	13	19.96	0.099	20.31	0.107	20.32	0.108
5	16QAM	25	0	19.95	0.099	20.17	0.104	20.13	0.103
5	64QAM	1	0	20.71	0.118	21.09	0.129	21.02	0.126
5	64QAM	1	12	20.67	0.117	21.00	0.126	20.94	0.124
5	64QAM	1	24	20.65	0.116	20.84	0.121	20.93	0.124
5	64QAM	12	0	20.06	0.101	20.41	0.110	20.43	0.110
5	64QAM	12	7	19.96	0.099	20.34	0.108	20.26	0.106
5	64QAM	12	13	19.95	0.099	20.17	0.104	20.18	0.104
5	64QAM	25	0	19.96	0.099	20.07	0.102	20.17	0.104



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				132072		132322		132572	
Frequency (MHz)				1720		1745		1770	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	22.46	0.176	22.50	0.178	22.44	0.175
20	QPSK	1	49	22.41	0.174	22.34	0.171	22.36	0.172
20	QPSK	1	99	22.29	0.169	22.30	0.170	22.27	0.169
20	QPSK	50	0	22.08	0.161	22.13	0.163	21.97	0.157
20	QPSK	50	24	21.91	0.155	22.00	0.158	21.85	0.153
20	QPSK	50	50	21.91	0.155	21.93	0.156	21.76	0.150
20	QPSK	100	0	21.73	0.149	21.89	0.155	21.71	0.148
20	16QAM	1	0	22.01	0.159	22.10	0.162	22.09	0.162
20	16QAM	1	49	21.81	0.152	21.97	0.157	21.96	0.157
20	16QAM	1	99	21.79	0.151	22.01	0.159	21.83	0.152
20	16QAM	50	0	21.14	0.130	21.26	0.134	21.37	0.137
20	16QAM	50	24	21.03	0.127	21.31	0.135	21.30	0.135
20	16QAM	50	50	20.87	0.122	21.15	0.130	21.12	0.129
20	16QAM	100	0	20.76	0.119	21.19	0.132	21.02	0.126
20	64QAM	1	0	21.51	0.142	21.65	0.146	21.49	0.141
20	64QAM	1	49	21.28	0.134	21.41	0.138	21.26	0.134
20	64QAM	1	99	21.26	0.134	21.37	0.137	21.26	0.134
20	64QAM	50	0	20.65	0.116	20.85	0.122	20.65	0.116
20	64QAM	50	24	20.66	0.116	20.73	0.118	20.67	0.117
20	64QAM	50	50	20.48	0.112	20.69	0.117	20.52	0.113
20	64QAM	100	0	20.37	0.109	20.77	0.119	20.53	0.113



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				132047		132322		132597	
Frequency (MHz)				1717.5		1745		1772.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	22.43	0.175	22.48	0.177	22.41	0.174
15	QPSK	1	37	22.40	0.174	22.31	0.170	22.32	0.171
15	QPSK	1	74	22.27	0.169	22.24	0.167	22.21	0.166
15	QPSK	36	0	22.03	0.160	22.10	0.162	21.92	0.156
15	QPSK	36	20	21.88	0.154	21.98	0.158	21.83	0.152
15	QPSK	36	39	21.89	0.155	21.89	0.155	21.71	0.148
15	QPSK	75	0	21.68	0.147	21.85	0.153	21.66	0.147
15	16QAM	1	0	21.99	0.158	22.08	0.161	22.04	0.160
15	16QAM	1	37	21.79	0.151	21.94	0.156	21.93	0.156
15	16QAM	1	74	21.77	0.150	21.98	0.158	21.80	0.151
15	16QAM	36	0	21.08	0.128	21.21	0.132	21.31	0.135
15	16QAM	36	20	20.98	0.125	21.26	0.134	21.25	0.133
15	16QAM	36	39	20.84	0.121	21.09	0.129	21.08	0.128
15	16QAM	75	0	20.75	0.119	21.14	0.130	20.97	0.125
15	64QAM	1	0	21.47	0.140	21.60	0.145	21.44	0.139
15	64QAM	1	37	21.25	0.133	21.37	0.137	21.21	0.132
15	64QAM	1	74	21.22	0.132	21.33	0.136	21.21	0.132
15	64QAM	36	0	20.64	0.116	20.83	0.121	20.62	0.115
15	64QAM	36	20	20.62	0.115	20.68	0.117	20.62	0.115
15	64QAM	36	39	20.45	0.111	20.65	0.116	20.48	0.112
15	64QAM	75	0	20.34	0.108	20.74	0.119	20.47	0.111



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				132022		132322		132622	
Frequency (MHz)				1715		1745		1775	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	22.41	0.174	22.47	0.177	22.37	0.173
10	QPSK	1	25	22.39	0.173	22.29	0.169	22.26	0.168
10	QPSK	1	49	22.22	0.167	22.20	0.166	22.18	0.165
10	QPSK	25	0	22.00	0.158	22.07	0.161	21.91	0.155
10	QPSK	25	12	21.86	0.153	21.94	0.156	21.81	0.152
10	QPSK	25	25	21.85	0.153	21.85	0.153	21.70	0.148
10	QPSK	50	0	21.65	0.146	21.81	0.152	21.60	0.145
10	16QAM	1	0	21.96	0.157	22.04	0.160	21.99	0.158
10	16QAM	1	25	21.74	0.149	21.89	0.155	21.88	0.154
10	16QAM	1	49	21.72	0.149	21.95	0.157	21.79	0.151
10	16QAM	25	0	21.03	0.127	21.19	0.132	21.26	0.134
10	16QAM	25	12	20.96	0.125	21.23	0.133	21.22	0.132
10	16QAM	25	25	20.82	0.121	21.06	0.128	21.06	0.128
10	16QAM	50	0	20.74	0.119	21.11	0.129	20.96	0.125
10	64QAM	1	0	21.44	0.139	21.57	0.144	21.41	0.138
10	64QAM	1	25	21.21	0.132	21.33	0.136	21.17	0.131
10	64QAM	1	49	21.16	0.131	21.28	0.134	21.15	0.130
10	64QAM	25	0	20.58	0.114	20.80	0.120	20.60	0.115
10	64QAM	25	12	20.60	0.115	20.67	0.117	20.59	0.115
10	64QAM	25	25	20.44	0.111	20.60	0.115	20.45	0.111
10	64QAM	50	0	20.31	0.107	20.72	0.118	20.44	0.111



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				131997		132322		132647	
Frequency (MHz)				1712.5		1745		1777.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	22.39	0.173	22.45	0.176	22.34	0.171
5	QPSK	1	12	22.35	0.172	22.24	0.167	22.23	0.167
5	QPSK	1	24	22.17	0.165	22.17	0.165	22.15	0.164
5	QPSK	12	0	21.94	0.156	22.04	0.160	21.88	0.154
5	QPSK	12	7	21.82	0.152	21.93	0.156	21.76	0.150
5	QPSK	12	13	21.80	0.151	21.80	0.151	21.65	0.146
5	QPSK	25	0	21.63	0.146	21.77	0.150	21.54	0.143
5	16QAM	1	0	21.92	0.156	21.99	0.158	21.96	0.157
5	16QAM	1	12	21.69	0.148	21.85	0.153	21.83	0.152
5	16QAM	1	24	21.66	0.147	21.89	0.155	21.73	0.149
5	16QAM	12	0	20.98	0.125	21.14	0.130	21.21	0.132
5	16QAM	12	7	20.90	0.123	21.19	0.132	21.20	0.132
5	16QAM	12	13	20.78	0.120	21.02	0.126	21.03	0.127
5	16QAM	25	0	20.72	0.118	21.10	0.129	20.92	0.124
5	64QAM	1	0	21.39	0.138	21.54	0.143	21.38	0.137
5	64QAM	1	12	21.17	0.131	21.28	0.134	21.15	0.130
5	64QAM	1	24	21.11	0.129	21.24	0.133	21.11	0.129
5	64QAM	12	0	20.54	0.113	20.77	0.119	20.55	0.114
5	64QAM	12	7	20.54	0.113	20.64	0.116	20.58	0.114
5	64QAM	12	13	20.42	0.110	20.56	0.114	20.40	0.110
5	64QAM	25	0	20.27	0.106	20.66	0.116	20.40	0.110



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				131987		132322		132657	
Frequency (MHz)				1711.5		1745		1778.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	22.35	0.172	22.42	0.175	22.29	0.169
3	QPSK	1	8	22.33	0.171	22.19	0.166	22.20	0.166
3	QPSK	1	14	22.11	0.163	22.15	0.164	22.10	0.162
3	QPSK	8	0	21.90	0.155	21.99	0.158	21.83	0.152
3	QPSK	8	4	21.80	0.151	21.87	0.154	21.74	0.149
3	QPSK	8	7	21.75	0.150	21.78	0.151	21.60	0.145
3	QPSK	15	0	21.61	0.145	21.74	0.149	21.52	0.142
3	16QAM	1	0	21.87	0.154	21.95	0.157	21.92	0.156
3	16QAM	1	8	21.66	0.147	21.81	0.152	21.77	0.150
3	16QAM	1	14	21.65	0.146	21.87	0.154	21.68	0.147
3	16QAM	8	0	20.96	0.125	21.09	0.129	21.18	0.131
3	16QAM	8	4	20.85	0.122	21.15	0.130	21.17	0.131
3	16QAM	8	7	20.74	0.119	21.01	0.126	21.00	0.126
3	16QAM	15	0	20.69	0.117	21.08	0.128	20.88	0.122
3	64QAM	1	0	21.36	0.137	21.52	0.142	21.34	0.136
3	64QAM	1	8	21.15	0.130	21.24	0.133	21.12	0.129
3	64QAM	1	14	21.05	0.127	21.20	0.132	21.07	0.128
3	64QAM	8	0	20.51	0.112	20.75	0.119	20.52	0.113
3	64QAM	8	4	20.52	0.113	20.58	0.114	20.53	0.113
3	64QAM	8	7	20.39	0.109	20.54	0.113	20.36	0.109
3	64QAM	15	0	20.22	0.105	20.62	0.115	20.35	0.108



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	22.30	0.170	22.36	0.172	22.26	0.168
1.4	QPSK	1	3	22.23	0.167	22.16	0.164	22.17	0.165
1.4	QPSK	1	5	22.12	0.163	22.09	0.162	22.04	0.160
1.4	QPSK	3	0	21.85	0.153	21.98	0.158	21.81	0.152
1.4	QPSK	3	1	21.73	0.149	21.85	0.153	21.66	0.147
1.4	QPSK	3	3	21.74	0.149	21.73	0.149	21.60	0.145
1.4	QPSK	6	0	21.56	0.143	21.69	0.148	21.46	0.140
1.4	16QAM	1	0	21.86	0.153	21.93	0.156	21.93	0.156
1.4	16QAM	1	3	21.64	0.146	21.77	0.150	21.75	0.150
1.4	16QAM	1	5	21.57	0.144	21.83	0.152	21.67	0.147
1.4	16QAM	3	0	20.90	0.123	21.06	0.128	21.13	0.130
1.4	16QAM	3	1	20.83	0.121	21.13	0.130	21.16	0.131
1.4	16QAM	3	3	20.70	0.117	20.90	0.123	20.94	0.124
1.4	16QAM	6	0	20.66	0.116	20.99	0.126	20.82	0.121
1.4	64QAM	1	0	21.34	0.136	21.48	0.141	21.36	0.137
1.4	64QAM	1	3	21.10	0.129	21.24	0.133	21.06	0.128
1.4	64QAM	1	5	21.07	0.128	21.20	0.132	21.04	0.127
1.4	64QAM	3	0	20.44	0.111	20.71	0.118	20.45	0.111
1.4	64QAM	3	1	20.49	0.112	20.53	0.113	20.53	0.113
1.4	64QAM	3	3	20.36	0.109	20.50	0.112	20.33	0.108
1.4	64QAM	6	0	20.21	0.105	20.59	0.115	20.32	0.108

**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	19.17	0.083	19.23	0.084	19.20	0.083
20	QPSK	1	49	19.06	0.081	19.11	0.081	19.12	0.082
20	QPSK	1	99	18.98	0.079	19.03	0.080	18.99	0.079
20	QPSK	50	0	18.77	0.075	18.79	0.076	18.78	0.076
20	QPSK	50	24	18.67	0.074	18.70	0.074	18.69	0.074
20	QPSK	50	50	18.65	0.073	18.64	0.073	18.58	0.072
20	QPSK	100	0	18.56	0.072	18.57	0.072	18.54	0.071
20	16QAM	1	0	18.62	0.073	18.81	0.076	18.79	0.076
20	16QAM	1	49	18.56	0.072	18.70	0.074	18.76	0.075
20	16QAM	1	99	18.52	0.071	18.66	0.073	18.74	0.075
20	16QAM	50	0	17.80	0.060	17.93	0.062	17.97	0.063
20	16QAM	50	24	17.74	0.059	17.84	0.061	17.86	0.061
20	16QAM	50	50	17.65	0.058	17.73	0.059	17.80	0.060
20	16QAM	100	0	17.70	0.059	17.80	0.060	17.78	0.060
20	64QAM	1	0	18.51	0.071	18.65	0.073	18.63	0.073
20	64QAM	1	49	18.48	0.070	18.61	0.073	18.54	0.071
20	64QAM	1	99	18.43	0.070	18.53	0.071	18.41	0.069
20	64QAM	50	0	17.69	0.059	17.86	0.061	17.69	0.059
20	64QAM	50	24	17.65	0.058	17.76	0.060	17.63	0.058
20	64QAM	50	50	17.59	0.057	17.66	0.058	17.56	0.057
20	64QAM	100	0	17.57	0.057	17.69	0.059	17.53	0.057



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	19.16	0.082	19.21	0.083	19.20	0.083
15	QPSK	1	37	19.15	0.082	19.20	0.083	19.16	0.082
15	QPSK	1	74	19.08	0.081	19.14	0.082	19.09	0.081
15	QPSK	36	0	18.63	0.073	18.68	0.074	18.65	0.073
15	QPSK	36	20	18.60	0.072	18.64	0.073	18.58	0.072
15	QPSK	36	39	18.49	0.071	18.51	0.071	18.50	0.071
15	QPSK	75	0	18.43	0.070	18.54	0.071	18.42	0.070
15	16QAM	1	0	18.46	0.070	18.52	0.071	18.45	0.070
15	16QAM	1	37	18.25	0.067	18.40	0.069	18.41	0.069
15	16QAM	1	74	18.23	0.067	18.35	0.068	18.32	0.068
15	16QAM	36	0	17.65	0.058	17.70	0.059	17.71	0.059
15	16QAM	36	20	17.64	0.058	17.72	0.059	17.60	0.058
15	16QAM	36	39	17.57	0.057	17.66	0.058	17.48	0.056
15	16QAM	75	0	17.46	0.056	17.63	0.058	17.45	0.056
15	64QAM	1	0	18.44	0.070	18.45	0.070	18.34	0.068
15	64QAM	1	37	18.38	0.069	18.31	0.068	18.33	0.068
15	64QAM	1	74	18.27	0.067	18.26	0.067	18.21	0.066
15	64QAM	36	0	17.71	0.059	17.68	0.059	17.61	0.058
15	64QAM	36	20	17.57	0.057	17.58	0.057	17.48	0.056
15	64QAM	36	39	17.46	0.056	17.53	0.057	17.45	0.056
15	64QAM	75	0	17.53	0.057	17.52	0.056	17.53	0.057



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	19.03	0.080	19.17	0.083	19.13	0.082
10	QPSK	1	25	19.05	0.080	19.11	0.081	19.09	0.081
10	QPSK	1	49	18.97	0.079	19.06	0.081	18.98	0.079
10	QPSK	25	0	18.57	0.072	18.57	0.072	18.55	0.072
10	QPSK	25	12	18.52	0.071	18.54	0.071	18.49	0.071
10	QPSK	25	25	18.42	0.070	18.40	0.069	18.43	0.070
10	QPSK	50	0	18.33	0.068	18.48	0.070	18.34	0.068
10	16QAM	1	0	18.37	0.069	18.42	0.070	18.34	0.068
10	16QAM	1	25	18.17	0.066	18.33	0.068	18.29	0.067
10	16QAM	1	49	18.17	0.066	18.26	0.067	18.24	0.067
10	16QAM	25	0	17.58	0.057	17.65	0.058	17.62	0.058
10	16QAM	25	12	17.54	0.057	17.63	0.058	17.51	0.056
10	16QAM	25	25	17.47	0.056	17.57	0.057	17.45	0.056
10	16QAM	50	0	17.45	0.056	17.53	0.057	17.41	0.055
10	64QAM	1	0	18.40	0.069	18.35	0.068	18.26	0.067
10	64QAM	1	25	18.30	0.068	18.23	0.067	18.25	0.067
10	64QAM	1	49	18.17	0.066	18.17	0.066	18.13	0.065
10	64QAM	25	0	17.61	0.058	17.61	0.058	17.53	0.057
10	64QAM	25	12	17.51	0.056	17.51	0.056	17.40	0.055
10	64QAM	25	25	17.38	0.055	17.46	0.056	17.38	0.055
10	64QAM	50	0	17.42	0.055	17.42	0.055	17.48	0.056



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	19.00	0.079	19.10	0.081	19.07	0.081
5	QPSK	1	12	19.03	0.080	19.06	0.081	19.06	0.081
5	QPSK	1	24	18.95	0.079	19.03	0.080	18.94	0.078
5	QPSK	12	0	18.53	0.071	18.53	0.071	18.48	0.070
5	QPSK	12	7	18.47	0.070	18.51	0.071	18.46	0.070
5	QPSK	12	13	18.36	0.069	18.35	0.068	18.37	0.069
5	QPSK	25	0	18.27	0.067	18.44	0.070	18.30	0.068
5	16QAM	1	0	18.33	0.068	18.39	0.069	18.32	0.068
5	16QAM	1	12	18.13	0.065	18.27	0.067	18.25	0.067
5	16QAM	1	24	18.15	0.065	18.23	0.067	18.20	0.066
5	16QAM	12	0	17.55	0.057	17.62	0.058	17.58	0.057
5	16QAM	12	7	17.50	0.056	17.57	0.057	17.48	0.056
5	16QAM	12	13	17.44	0.055	17.52	0.056	17.45	0.056
5	16QAM	25	0	17.41	0.055	17.49	0.056	17.41	0.055
5	64QAM	1	0	18.34	0.068	18.31	0.068	18.19	0.066
5	64QAM	1	12	18.23	0.067	18.16	0.065	18.21	0.066
5	64QAM	1	24	18.12	0.065	18.14	0.065	18.10	0.065
5	64QAM	12	0	17.55	0.057	17.56	0.057	17.49	0.056
5	64QAM	12	7	17.45	0.056	17.46	0.056	17.35	0.054
5	64QAM	12	13	17.31	0.054	17.43	0.055	17.34	0.054
5	64QAM	25	0	17.38	0.055	17.39	0.055	17.45	0.056



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	18.94	0.078	19.08	0.081	19.03	0.080
3	QPSK	1	8	18.99	0.079	19.02	0.080	19.01	0.080
3	QPSK	1	14	18.91	0.078	18.99	0.079	18.90	0.078
3	QPSK	8	0	18.50	0.071	18.48	0.070	18.43	0.070
3	QPSK	8	4	18.42	0.070	18.45	0.070	18.39	0.069
3	QPSK	8	7	18.33	0.068	18.30	0.068	18.31	0.068
3	QPSK	15	0	18.22	0.066	18.39	0.069	18.27	0.067
3	16QAM	1	0	18.29	0.067	18.33	0.068	18.28	0.067
3	16QAM	1	8	18.06	0.064	18.23	0.067	18.18	0.066
3	16QAM	1	14	18.12	0.065	18.21	0.066	18.18	0.066
3	16QAM	8	0	17.50	0.056	17.59	0.057	17.52	0.056
3	16QAM	8	4	17.44	0.055	17.51	0.056	17.41	0.055
3	16QAM	8	7	17.37	0.055	17.49	0.056	17.34	0.054
3	16QAM	15	0	17.24	0.053	17.44	0.055	17.23	0.053
3	64QAM	1	0	18.29	0.067	18.26	0.067	18.17	0.066
3	64QAM	1	8	18.17	0.066	18.13	0.065	18.18	0.066
3	64QAM	1	14	18.06	0.064	18.12	0.065	18.06	0.064
3	64QAM	8	0	17.51	0.056	17.51	0.056	17.46	0.056
3	64QAM	8	4	17.40	0.055	17.40	0.055	17.33	0.054
3	64QAM	8	7	17.26	0.053	17.38	0.055	17.32	0.054
3	64QAM	15	0	17.33	0.054	17.35	0.054	17.42	0.055



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	18.93	0.078	19.06	0.081	19.03	0.080
1.4	QPSK	1	3	18.99	0.079	19.02	0.080	19.02	0.080
1.4	QPSK	1	5	18.91	0.078	18.97	0.079	18.88	0.077
1.4	QPSK	3	0	18.47	0.070	18.50	0.071	18.42	0.070
1.4	QPSK	3	1	18.44	0.070	18.45	0.070	18.41	0.069
1.4	QPSK	3	3	18.31	0.068	18.31	0.068	18.34	0.068
1.4	QPSK	6	0	18.25	0.067	18.38	0.069	18.23	0.067
1.4	16QAM	1	0	18.29	0.067	18.33	0.068	18.27	0.067
1.4	16QAM	1	3	18.09	0.064	18.24	0.067	18.19	0.066
1.4	16QAM	1	5	18.11	0.065	18.17	0.066	18.18	0.066
1.4	16QAM	3	0	17.51	0.056	17.59	0.057	17.54	0.057
1.4	16QAM	3	1	17.47	0.056	17.54	0.057	17.41	0.055
1.4	16QAM	3	3	17.38	0.055	17.46	0.056	17.31	0.054
1.4	16QAM	6	0	17.26	0.053	17.46	0.056	17.23	0.053
1.4	64QAM	1	0	18.28	0.067	18.24	0.067	18.14	0.065
1.4	64QAM	1	3	18.18	0.066	18.11	0.065	18.18	0.066
1.4	64QAM	1	5	18.05	0.064	18.12	0.065	18.06	0.064
1.4	64QAM	3	0	17.53	0.057	17.52	0.056	17.42	0.055
1.4	64QAM	3	1	17.38	0.055	17.43	0.055	17.30	0.054
1.4	64QAM	3	3	17.28	0.053	17.37	0.055	17.28	0.053
1.4	64QAM	6	0	17.34	0.054	17.36	0.054	17.42	0.055



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	22.50	0.178	22.58	0.181	22.56	0.180
20	QPSK	1	49	22.37	0.173	22.54	0.179	22.43	0.175
20	QPSK	1	99	22.32	0.171	22.43	0.175	22.32	0.171
20	QPSK	50	0	22.23	0.167	22.27	0.169	22.25	0.168
20	QPSK	50	24	22.13	0.163	22.16	0.164	22.13	0.163
20	QPSK	50	50	22.04	0.160	22.09	0.162	22.01	0.159
20	QPSK	100	0	21.91	0.155	21.99	0.158	21.88	0.154
20	16QAM	1	0	22.09	0.162	22.10	0.162	22.03	0.160
20	16QAM	1	49	22.00	0.158	22.04	0.160	21.96	0.157
20	16QAM	1	99	21.93	0.156	21.98	0.158	21.88	0.154
20	16QAM	50	0	21.23	0.133	21.25	0.133	21.16	0.131
20	16QAM	50	24	21.19	0.132	21.22	0.132	21.13	0.130
20	16QAM	50	50	21.15	0.130	21.15	0.130	21.03	0.127
20	16QAM	100	0	21.16	0.131	21.14	0.130	21.00	0.126
20	64QAM	1	0	22.00	0.158	22.01	0.159	21.99	0.158
20	64QAM	1	49	21.97	0.157	21.91	0.155	21.89	0.155
20	64QAM	1	99	21.94	0.156	21.82	0.152	21.83	0.152
20	64QAM	50	0	21.28	0.134	21.18	0.131	21.16	0.131
20	64QAM	50	24	21.24	0.133	21.13	0.130	21.12	0.129
20	64QAM	50	50	21.18	0.131	21.06	0.128	21.05	0.127
20	64QAM	100	0	21.19	0.132	21.05	0.127	21.03	0.127



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20025		20175		20325	
Frequency (MHz)				1717.5		1732.5		1747.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	22.45	0.176	22.54	0.179	22.50	0.178
15	QPSK	1	37	22.30	0.170	22.47	0.177	22.40	0.174
15	QPSK	1	74	22.26	0.168	22.37	0.173	22.27	0.169
15	QPSK	36	0	22.19	0.166	22.23	0.167	22.18	0.165
15	QPSK	36	20	22.08	0.161	22.12	0.163	22.11	0.163
15	QPSK	36	39	21.99	0.158	22.03	0.160	21.99	0.158
15	QPSK	75	0	21.85	0.153	21.96	0.157	21.85	0.153
15	16QAM	1	0	22.03	0.160	22.06	0.161	21.99	0.158
15	16QAM	1	37	21.94	0.156	22.01	0.159	21.91	0.155
15	16QAM	1	74	21.90	0.155	21.96	0.157	21.84	0.153
15	16QAM	36	0	21.17	0.131	21.22	0.132	21.14	0.130
15	16QAM	36	20	21.14	0.130	21.17	0.131	21.09	0.129
15	16QAM	36	39	21.13	0.130	21.11	0.129	20.98	0.125
15	16QAM	75	0	21.14	0.130	21.10	0.129	20.97	0.125
15	64QAM	1	0	21.93	0.156	21.95	0.157	21.93	0.156
15	64QAM	1	37	21.91	0.155	21.88	0.154	21.83	0.152
15	64QAM	1	74	21.89	0.155	21.78	0.151	21.77	0.150
15	64QAM	36	0	21.24	0.133	21.13	0.130	21.13	0.130
15	64QAM	36	20	21.20	0.132	21.06	0.128	21.09	0.129
15	64QAM	36	39	21.11	0.129	21.00	0.126	21.02	0.126
15	64QAM	75	0	21.13	0.130	20.98	0.125	21.00	0.126



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	22.40	0.174	22.50	0.178	22.48	0.177
10	QPSK	1	25	22.28	0.169	22.40	0.174	22.37	0.173
10	QPSK	1	49	22.23	0.167	22.33	0.171	22.23	0.167
10	QPSK	25	0	22.13	0.163	22.16	0.164	22.15	0.164
10	QPSK	25	12	22.03	0.160	22.05	0.160	22.09	0.162
10	QPSK	25	25	21.97	0.157	21.98	0.158	21.94	0.156
10	QPSK	50	0	21.82	0.152	21.89	0.155	21.81	0.152
10	16QAM	1	0	21.99	0.158	22.01	0.159	21.93	0.156
10	16QAM	1	25	21.90	0.155	21.98	0.158	21.85	0.153
10	16QAM	1	49	21.88	0.154	21.92	0.156	21.78	0.151
10	16QAM	25	0	21.15	0.130	21.18	0.131	21.10	0.129
10	16QAM	25	12	21.12	0.129	21.12	0.129	21.04	0.127
10	16QAM	25	25	21.11	0.129	21.09	0.129	20.94	0.124
10	16QAM	50	0	21.07	0.128	21.07	0.128	20.90	0.123
10	64QAM	1	0	21.87	0.154	21.91	0.155	21.87	0.154
10	64QAM	1	25	21.85	0.153	21.86	0.153	21.77	0.150
10	64QAM	1	49	21.84	0.153	21.75	0.150	21.74	0.149
10	64QAM	25	0	21.20	0.132	21.06	0.128	21.09	0.129
10	64QAM	25	12	21.15	0.130	21.03	0.127	21.02	0.126
10	64QAM	25	25	21.09	0.129	20.97	0.125	20.95	0.124
10	64QAM	50	0	21.09	0.129	20.92	0.124	20.93	0.124



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				19975		20175		20375	
Frequency (MHz)				1712.5		1732.5		1752.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	22.35	0.172	22.48	0.177	22.43	0.175
5	QPSK	1	12	22.25	0.168	22.36	0.172	22.30	0.170
5	QPSK	1	24	22.17	0.165	22.31	0.170	22.20	0.166
5	QPSK	12	0	22.06	0.161	22.11	0.163	22.12	0.163
5	QPSK	12	7	22.00	0.158	22.01	0.159	22.04	0.160
5	QPSK	12	13	21.91	0.155	21.91	0.155	21.92	0.156
5	QPSK	25	0	21.76	0.150	21.84	0.153	21.74	0.149
5	16QAM	1	0	21.95	0.157	21.97	0.157	21.90	0.155
5	16QAM	1	12	21.84	0.153	21.95	0.157	21.83	0.152
5	16QAM	1	24	21.83	0.152	21.88	0.154	21.73	0.149
5	16QAM	12	0	21.10	0.129	21.15	0.130	21.07	0.128
5	16QAM	12	7	21.07	0.128	21.05	0.127	21.00	0.126
5	16QAM	12	13	21.05	0.127	21.03	0.127	20.92	0.124
5	16QAM	25	0	21.01	0.126	21.00	0.126	20.83	0.121
5	64QAM	1	0	21.83	0.152	21.87	0.154	21.82	0.152
5	64QAM	1	12	21.79	0.151	21.81	0.152	21.74	0.149
5	64QAM	1	24	21.77	0.150	21.73	0.149	21.71	0.148
5	64QAM	12	0	21.15	0.130	21.02	0.126	21.05	0.127
5	64QAM	12	7	21.10	0.129	20.99	0.126	20.97	0.125
5	64QAM	12	13	21.05	0.127	20.93	0.124	20.92	0.124
5	64QAM	25	0	21.04	0.127	20.90	0.123	20.87	0.122



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				19965		20175		20385	
Frequency (MHz)				1711.5		1732.5		1753.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	22.31	0.170	22.44	0.175	22.39	0.173
3	QPSK	1	8	22.20	0.166	22.32	0.171	22.24	0.167
3	QPSK	1	14	22.14	0.164	22.25	0.168	22.14	0.164
3	QPSK	8	0	22.02	0.159	22.09	0.162	22.08	0.161
3	QPSK	8	4	21.96	0.157	21.97	0.157	22.01	0.159
3	QPSK	8	7	21.84	0.153	21.84	0.153	21.87	0.154
3	QPSK	15	0	21.71	0.148	21.81	0.152	21.70	0.148
3	16QAM	1	0	21.92	0.156	21.94	0.156	21.85	0.153
3	16QAM	1	8	21.80	0.151	21.89	0.155	21.78	0.151
3	16QAM	1	14	21.78	0.151	21.86	0.153	21.68	0.147
3	16QAM	8	0	21.06	0.128	21.13	0.130	21.00	0.126
3	16QAM	8	4	21.02	0.126	20.99	0.126	20.96	0.125
3	16QAM	8	7	21.00	0.126	21.01	0.126	20.88	0.122
3	16QAM	15	0	20.99	0.126	20.97	0.125	20.78	0.120
3	64QAM	1	0	21.77	0.150	21.81	0.152	21.77	0.150
3	64QAM	1	8	21.73	0.149	21.79	0.151	21.70	0.148
3	64QAM	1	14	21.72	0.149	21.68	0.147	21.66	0.147
3	64QAM	8	0	21.11	0.129	20.97	0.125	20.99	0.126
3	64QAM	8	4	21.07	0.128	20.96	0.125	20.91	0.123
3	64QAM	8	7	21.02	0.126	20.88	0.122	20.86	0.122
3	64QAM	15	0	21.02	0.126	20.85	0.122	20.82	0.121



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				19957		20175		20393	
Frequency (MHz)				1710.7		1732.5		1754.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	22.62	0.183	22.71	0.187	22.68	0.185
1.4	QPSK	1	3	22.48	0.177	22.61	0.182	22.57	0.181
1.4	QPSK	1	5	22.43	0.175	22.58	0.181	22.47	0.177
1.4	QPSK	3	0	22.31	0.170	22.34	0.171	22.38	0.173
1.4	QPSK	3	1	22.27	0.169	22.27	0.169	22.29	0.169
1.4	QPSK	3	3	22.14	0.164	22.15	0.164	22.19	0.166
1.4	QPSK	6	0	22.01	0.159	22.08	0.161	21.99	0.158
1.4	16QAM	1	0	22.19	0.166	22.21	0.166	22.14	0.164
1.4	16QAM	1	3	22.09	0.162	22.22	0.167	22.09	0.162
1.4	16QAM	1	5	22.10	0.162	22.13	0.163	21.97	0.157
1.4	16QAM	3	0	21.36	0.137	21.41	0.138	21.31	0.135
1.4	16QAM	3	1	21.34	0.136	21.30	0.135	21.26	0.134
1.4	16QAM	3	3	21.32	0.136	21.28	0.134	21.20	0.132
1.4	16QAM	6	0	21.27	0.134	21.24	0.133	21.09	0.129
1.4	64QAM	1	0	22.08	0.161	22.14	0.164	22.07	0.161
1.4	64QAM	1	3	22.03	0.160	22.07	0.161	22.02	0.159
1.4	64QAM	1	5	22.01	0.159	21.98	0.158	21.97	0.157
1.4	64QAM	3	0	21.39	0.138	21.28	0.134	21.33	0.136
1.4	64QAM	3	1	21.34	0.136	21.26	0.134	21.24	0.133
1.4	64QAM	3	3	21.28	0.134	21.19	0.132	21.18	0.131
1.4	64QAM	6	0	21.25	0.133	21.15	0.130	21.11	0.129



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	22.60	0.182	22.74	0.188	22.63	0.183
10	QPSK	1	25	22.51	0.178	22.71	0.187	22.52	0.179
10	QPSK	1	49	22.41	0.174	22.67	0.185	22.40	0.174
10	QPSK	25	0	21.66	0.147	21.79	0.151	21.69	0.148
10	QPSK	25	12	21.63	0.146	21.67	0.147	21.60	0.145
10	QPSK	25	25	21.57	0.144	21.57	0.144	21.52	0.142
10	QPSK	50	0	21.57	0.144	21.58	0.144	21.54	0.143
10	16QAM	1	0	21.93	0.156	22.10	0.162	21.96	0.157
10	16QAM	1	25	21.88	0.154	22.00	0.158	21.88	0.154
10	16QAM	1	49	21.83	0.152	21.96	0.157	21.81	0.152
10	16QAM	25	0	21.00	0.126	21.16	0.131	20.96	0.125
10	16QAM	25	12	20.95	0.124	21.06	0.128	20.85	0.122
10	16QAM	25	25	20.83	0.121	21.03	0.127	20.72	0.118
10	16QAM	50	0	20.71	0.118	20.93	0.124	20.61	0.115
10	64QAM	1	0	21.85	0.153	22.06	0.161	21.88	0.154
10	64QAM	1	25	21.78	0.151	21.98	0.158	21.81	0.152
10	64QAM	1	49	21.69	0.148	21.89	0.155	21.71	0.148
10	64QAM	25	0	20.81	0.121	21.09	0.129	20.85	0.122
10	64QAM	25	12	20.77	0.119	21.07	0.128	20.79	0.120
10	64QAM	25	25	20.75	0.119	21.05	0.127	20.75	0.119
10	64QAM	50	0	20.67	0.117	21.03	0.127	20.69	0.117



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	22.54	0.179	22.68	0.185	22.60	0.182
5	QPSK	1	12	22.48	0.177	22.65	0.184	22.50	0.178
5	QPSK	1	24	22.38	0.173	22.61	0.182	22.36	0.172
5	QPSK	12	0	21.60	0.145	21.76	0.150	21.65	0.146
5	QPSK	12	7	21.57	0.144	21.65	0.146	21.55	0.143
5	QPSK	12	13	21.50	0.141	21.51	0.142	21.49	0.141
5	QPSK	25	0	21.50	0.141	21.52	0.142	21.48	0.141
5	16QAM	1	0	21.87	0.154	22.03	0.160	21.90	0.155
5	16QAM	1	12	21.82	0.152	21.97	0.157	21.85	0.153
5	16QAM	1	24	21.77	0.150	21.93	0.156	21.75	0.150
5	16QAM	12	0	20.98	0.125	21.10	0.129	20.90	0.123
5	16QAM	12	7	20.91	0.123	21.03	0.127	20.80	0.120
5	16QAM	12	13	20.80	0.120	21.01	0.126	20.67	0.117
5	16QAM	25	0	20.65	0.116	20.90	0.123	20.58	0.114
5	64QAM	1	0	21.81	0.152	22.04	0.160	21.85	0.153
5	64QAM	1	12	21.72	0.149	21.94	0.156	21.74	0.149
5	64QAM	1	24	21.65	0.146	21.83	0.152	21.66	0.147
5	64QAM	12	0	20.77	0.119	21.05	0.127	20.82	0.121
5	64QAM	12	7	20.74	0.119	21.01	0.126	20.75	0.119
5	64QAM	12	13	20.72	0.118	21.00	0.126	20.69	0.117
5	64QAM	25	0	20.62	0.115	20.98	0.125	20.65	0.116



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	22.48	0.177	22.65	0.184	22.57	0.181
3	QPSK	1	8	22.45	0.176	22.61	0.182	22.43	0.175
3	QPSK	1	14	22.31	0.170	22.55	0.180	22.30	0.170
3	QPSK	8	0	21.57	0.144	21.73	0.149	21.63	0.146
3	QPSK	8	4	21.53	0.142	21.63	0.146	21.49	0.141
3	QPSK	8	7	21.47	0.140	21.45	0.140	21.46	0.140
3	QPSK	15	0	21.46	0.140	21.48	0.141	21.46	0.140
3	16QAM	1	0	21.81	0.152	22.01	0.159	21.87	0.154
3	16QAM	1	8	21.79	0.151	21.91	0.155	21.83	0.152
3	16QAM	1	14	21.75	0.150	21.87	0.154	21.69	0.148
3	16QAM	8	0	20.92	0.124	21.03	0.127	20.83	0.121
3	16QAM	8	4	20.84	0.121	20.97	0.125	20.77	0.119
3	16QAM	8	7	20.75	0.119	20.95	0.124	20.64	0.116
3	16QAM	15	0	20.60	0.115	20.87	0.122	20.52	0.113
3	64QAM	1	0	21.76	0.150	21.98	0.158	21.79	0.151
3	64QAM	1	8	21.70	0.148	21.91	0.155	21.70	0.148
3	64QAM	1	14	21.58	0.144	21.77	0.150	21.61	0.145
3	64QAM	8	0	20.71	0.118	21.03	0.127	20.79	0.120
3	64QAM	8	4	20.71	0.118	20.99	0.126	20.73	0.118
3	64QAM	8	7	20.66	0.116	20.93	0.124	20.64	0.116
3	64QAM	15	0	20.58	0.114	20.94	0.124	20.61	0.115



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	22.45	0.176	22.61	0.182	22.55	0.180
1.4	QPSK	1	3	22.39	0.173	22.57	0.181	22.39	0.173
1.4	QPSK	1	5	22.25	0.168	22.51	0.178	22.23	0.167
1.4	QPSK	3	0	21.53	0.142	21.71	0.148	21.57	0.144
1.4	QPSK	3	1	21.48	0.141	21.56	0.143	21.42	0.139
1.4	QPSK	3	3	21.40	0.138	21.42	0.139	21.40	0.138
1.4	QPSK	6	0	21.43	0.139	21.43	0.139	21.43	0.139
1.4	16QAM	1	0	21.77	0.150	21.98	0.158	21.81	0.152
1.4	16QAM	1	3	21.74	0.149	21.85	0.153	21.81	0.152
1.4	16QAM	1	5	21.69	0.148	21.83	0.152	21.66	0.147
1.4	16QAM	3	0	20.87	0.122	20.99	0.126	20.80	0.120
1.4	16QAM	3	1	20.78	0.120	20.94	0.124	20.72	0.118
1.4	16QAM	3	3	20.72	0.118	20.88	0.122	20.58	0.114
1.4	16QAM	6	0	20.57	0.114	20.81	0.121	20.46	0.111
1.4	64QAM	1	0	21.73	0.149	21.92	0.156	21.76	0.150
1.4	64QAM	1	3	21.66	0.147	21.85	0.153	21.67	0.147
1.4	64QAM	1	5	21.52	0.142	21.72	0.149	21.57	0.144
1.4	64QAM	3	0	20.67	0.117	21.01	0.126	20.77	0.119
1.4	64QAM	3	1	20.65	0.116	20.97	0.125	20.70	0.117
1.4	64QAM	3	3	20.60	0.115	20.88	0.122	20.60	0.115
1.4	64QAM	6	0	20.54	0.113	20.88	0.122	20.55	0.114



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	17.69	0.059	17.72	0.059	17.68	0.059
20	QPSK	1	49	17.67	0.058	17.70	0.059	17.62	0.058
20	QPSK	1	99	17.55	0.057	17.58	0.057	17.55	0.057
20	QPSK	50	0	17.29	0.054	17.34	0.054	17.31	0.054
20	QPSK	50	24	17.20	0.052	17.18	0.052	17.26	0.053
20	QPSK	50	50	17.18	0.052	17.07	0.051	17.22	0.053
20	QPSK	100	0	17.05	0.051	17.16	0.052	17.14	0.052
20	16QAM	1	0	17.12	0.052	17.20	0.052	17.18	0.052
20	16QAM	1	49	17.07	0.051	17.11	0.051	17.09	0.051
20	16QAM	1	99	17.00	0.050	17.01	0.050	16.98	0.050
20	16QAM	50	0	16.39	0.044	16.43	0.044	16.42	0.044
20	16QAM	50	24	16.34	0.043	16.37	0.043	16.37	0.043
20	16QAM	50	50	16.23	0.042	16.28	0.042	16.35	0.043
20	16QAM	100	0	16.13	0.041	16.21	0.042	16.22	0.042
20	64QAM	1	0	16.91	0.049	17.02	0.050	17.01	0.050
20	64QAM	1	49	16.86	0.049	16.98	0.050	16.92	0.049
20	64QAM	1	99	16.77	0.048	16.92	0.049	16.86	0.049
20	64QAM	50	0	16.20	0.042	16.35	0.043	16.31	0.043
20	64QAM	50	24	16.12	0.041	16.26	0.042	16.26	0.042
20	64QAM	50	50	16.05	0.040	16.21	0.042	16.21	0.042
20	64QAM	100	0	16.02	0.040	16.18	0.041	16.13	0.041



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	17.65	0.058	17.67	0.058	17.63	0.058
15	QPSK	1	37	17.63	0.058	17.67	0.058	17.57	0.057
15	QPSK	1	74	17.49	0.056	17.55	0.057	17.49	0.056
15	QPSK	36	0	17.25	0.053	17.32	0.054	17.26	0.053
15	QPSK	36	20	17.18	0.052	17.13	0.052	17.21	0.053
15	QPSK	36	39	17.12	0.052	17.04	0.051	17.18	0.052
15	QPSK	75	0	17.02	0.050	17.11	0.051	17.10	0.051
15	16QAM	1	0	17.08	0.051	17.13	0.052	17.11	0.051
15	16QAM	1	37	17.05	0.051	17.09	0.051	17.05	0.051
15	16QAM	1	74	16.97	0.050	16.97	0.050	16.95	0.050
15	16QAM	36	0	16.36	0.043	16.38	0.043	16.37	0.043
15	16QAM	36	20	16.30	0.043	16.31	0.043	16.31	0.043
15	16QAM	36	39	16.19	0.042	16.24	0.042	16.33	0.043
15	16QAM	75	0	16.08	0.041	16.19	0.042	16.18	0.041
15	64QAM	1	0	16.84	0.048	16.98	0.050	16.96	0.050
15	64QAM	1	37	16.81	0.048	16.95	0.050	16.86	0.049
15	64QAM	1	74	16.72	0.047	16.88	0.049	16.82	0.048
15	64QAM	36	0	16.16	0.041	16.29	0.043	16.28	0.042
15	64QAM	36	20	16.06	0.040	16.21	0.042	16.19	0.042
15	64QAM	36	39	15.99	0.040	16.14	0.041	16.18	0.041
15	64QAM	75	0	15.99	0.040	16.15	0.041	16.10	0.041



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	17.60	0.058	17.63	0.058	17.58	0.057
10	QPSK	1	25	17.55	0.057	17.58	0.057	17.51	0.056
10	QPSK	1	49	17.46	0.056	17.51	0.056	17.44	0.055
10	QPSK	25	0	17.21	0.053	17.27	0.053	17.21	0.053
10	QPSK	25	12	17.14	0.052	17.07	0.051	17.16	0.052
10	QPSK	25	25	17.08	0.051	17.01	0.050	17.15	0.052
10	QPSK	50	0	16.96	0.050	17.08	0.051	17.05	0.051
10	16QAM	1	0	17.02	0.050	17.09	0.051	17.08	0.051
10	16QAM	1	25	16.99	0.050	17.07	0.051	17.02	0.050
10	16QAM	1	49	16.92	0.049	16.94	0.049	16.89	0.049
10	16QAM	25	0	16.32	0.043	16.33	0.043	16.31	0.043
10	16QAM	25	12	16.25	0.042	16.28	0.042	16.29	0.043
10	16QAM	25	25	16.15	0.041	16.18	0.041	16.28	0.042
10	16QAM	50	0	16.06	0.040	16.14	0.041	16.13	0.041
10	64QAM	1	0	16.80	0.048	16.94	0.049	16.92	0.049
10	64QAM	1	25	16.76	0.047	16.93	0.049	16.84	0.048
10	64QAM	1	49	16.70	0.047	16.82	0.048	16.80	0.048
10	64QAM	25	0	16.10	0.041	16.26	0.042	16.25	0.042
10	64QAM	25	12	15.99	0.040	16.16	0.041	16.13	0.041
10	64QAM	25	25	15.96	0.039	16.08	0.041	16.16	0.041
10	64QAM	50	0	15.92	0.039	16.09	0.041	16.06	0.040



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	17.57	0.057	17.61	0.058	17.52	0.056
5	QPSK	1	12	17.54	0.057	17.55	0.057	17.48	0.056
5	QPSK	1	24	17.42	0.055	17.45	0.056	17.41	0.055
5	QPSK	12	0	17.18	0.052	17.21	0.053	17.16	0.052
5	QPSK	12	7	17.10	0.051	17.03	0.050	17.11	0.051
5	QPSK	12	13	17.02	0.050	16.98	0.050	17.12	0.052
5	QPSK	25	0	16.94	0.049	17.04	0.051	17.00	0.050
5	16QAM	1	0	16.96	0.050	17.05	0.051	17.05	0.051
5	16QAM	1	12	16.94	0.049	17.04	0.051	16.96	0.050
5	16QAM	1	24	16.86	0.049	16.92	0.049	16.87	0.049
5	16QAM	12	0	16.29	0.043	16.28	0.042	16.27	0.042
5	16QAM	12	7	16.20	0.042	16.23	0.042	16.22	0.042
5	16QAM	12	13	16.12	0.041	16.15	0.041	16.22	0.042
5	16QAM	25	0	16.03	0.040	16.08	0.041	16.09	0.041
5	64QAM	1	0	16.78	0.048	16.89	0.049	16.88	0.049
5	64QAM	1	12	16.70	0.047	16.89	0.049	16.79	0.048
5	64QAM	1	24	16.64	0.046	16.76	0.047	16.74	0.047
5	64QAM	12	0	16.08	0.041	16.23	0.042	16.20	0.042
5	64QAM	12	7	15.93	0.039	16.12	0.041	16.10	0.041
5	64QAM	12	13	15.90	0.039	16.05	0.040	16.14	0.041
5	64QAM	25	0	15.88	0.039	16.04	0.040	16.00	0.040



LTE Band26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26865		26915		26965	
Frequency (MHz)				831.5		836.5		841.5	
				dbm	W	dbm	W	dbm	W
15	QPSK	1	0	20.40	0.110	20.37	0.109	20.31	0.107
15	QPSK	1	37	20.17	0.104	20.15	0.104	20.07	0.102
15	QPSK	1	74	19.98	0.100	19.98	0.100	19.97	0.099
15	QPSK	36	0	19.62	0.092	19.52	0.090	19.60	0.091
15	QPSK	36	20	19.53	0.090	19.49	0.089	19.43	0.088
15	QPSK	36	39	19.51	0.089	19.43	0.088	19.35	0.086
15	QPSK	75	0	19.46	0.088	19.37	0.086	19.42	0.087
15	16QAM	1	0	19.77	0.095	19.79	0.095	19.68	0.093
15	16QAM	1	37	19.70	0.093	19.60	0.091	19.57	0.091
15	16QAM	1	74	19.68	0.093	19.66	0.092	19.52	0.090
15	16QAM	36	0	18.43	0.070	18.31	0.068	18.27	0.067
15	16QAM	36	20	18.37	0.069	18.35	0.068	18.14	0.065
15	16QAM	36	39	18.26	0.067	18.17	0.066	18.10	0.065
15	16QAM	75	0	18.19	0.066	18.12	0.065	18.04	0.064
15	64QAM	1	0	19.73	0.094	19.72	0.094	19.61	0.091
15	64QAM	1	37	19.60	0.091	19.52	0.090	19.57	0.091
15	64QAM	1	74	19.50	0.089	19.45	0.088	19.47	0.089
15	64QAM	36	0	18.29	0.067	18.30	0.068	18.23	0.067
15	64QAM	36	20	18.18	0.066	18.17	0.066	18.17	0.066
15	64QAM	36	39	18.14	0.065	18.09	0.064	18.10	0.065
15	64QAM	75	0	18.11	0.065	18.03	0.064	18.06	0.064



LTE Band26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26840		26915		26990	
Frequency (MHz)				829.0		836.5		844.0	
				dbm	W	dbm	W	dbm	W
10	QPSK	1	0	20.26	0.106	20.23	0.105	20.26	0.106
10	QPSK	1	25	19.93	0.098	19.97	0.099	20.00	0.100
10	QPSK	1	49	19.86	0.097	19.94	0.099	19.94	0.099
10	QPSK	25	0	19.57	0.091	19.54	0.090	19.57	0.091
10	QPSK	25	12	19.32	0.086	19.40	0.087	19.39	0.087
10	QPSK	25	25	19.33	0.086	19.28	0.085	19.33	0.086
10	QPSK	50	0	19.35	0.086	19.42	0.087	19.40	0.087
10	16QAM	1	0	19.57	0.091	19.60	0.091	19.65	0.092
10	16QAM	1	25	19.52	0.090	19.45	0.088	19.53	0.090
10	16QAM	1	49	19.46	0.088	19.39	0.087	19.45	0.088
10	16QAM	25	0	18.12	0.065	18.11	0.065	18.23	0.067
10	16QAM	25	12	18.07	0.064	18.03	0.064	18.12	0.065
10	16QAM	25	25	17.99	0.063	17.97	0.063	18.07	0.064
10	16QAM	50	0	18.01	0.063	17.95	0.062	17.99	0.063
10	64QAM	1	0	19.49	0.089	19.57	0.091	19.58	0.091
10	64QAM	1	25	19.48	0.089	19.41	0.087	19.51	0.089
10	64QAM	1	49	19.32	0.086	19.36	0.086	19.42	0.087
10	64QAM	25	0	18.15	0.065	18.11	0.065	18.16	0.065
10	64QAM	25	12	18.11	0.065	18.02	0.063	18.13	0.065
10	64QAM	25	25	18.08	0.064	17.96	0.063	18.08	0.064
10	64QAM	50	0	17.94	0.062	18.01	0.063	18.00	0.063



LTE Band26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26815		26915		27015	
Frequency (MHz)				826.5		836.5		846.5	
				dbm	W	dbm	W	dbm	W
5	QPSK	1	0	20.07	0.102	20.18	0.104	20.19	0.104
5	QPSK	1	12	19.97	0.099	19.96	0.099	19.96	0.099
5	QPSK	1	24	19.82	0.096	19.85	0.097	19.87	0.097
5	QPSK	12	0	19.40	0.087	19.39	0.087	19.50	0.089
5	QPSK	12	7	19.27	0.085	19.33	0.086	19.35	0.086
5	QPSK	12	13	19.17	0.083	19.28	0.085	19.26	0.084
5	QPSK	25	0	19.25	0.084	19.27	0.085	19.37	0.086
5	16QAM	1	0	19.60	0.091	19.59	0.091	19.60	0.091
5	16QAM	1	12	19.41	0.087	19.46	0.088	19.49	0.089
5	16QAM	1	24	19.43	0.088	19.35	0.086	19.42	0.087
5	16QAM	12	0	18.19	0.066	18.10	0.065	18.19	0.066
5	16QAM	12	7	18.11	0.065	18.04	0.064	18.09	0.064
5	16QAM	12	13	17.91	0.062	17.96	0.063	18.01	0.063
5	16QAM	25	0	17.88	0.061	17.82	0.061	17.94	0.062
5	64QAM	1	0	19.51	0.089	19.46	0.088	19.54	0.090
5	64QAM	1	12	19.47	0.089	19.35	0.086	19.47	0.089
5	64QAM	1	24	19.32	0.086	19.31	0.085	19.37	0.086
5	64QAM	12	0	18.07	0.064	17.98	0.063	18.09	0.064
5	64QAM	12	7	17.95	0.062	18.05	0.064	18.06	0.064
5	64QAM	12	13	18.03	0.064	17.99	0.063	18.04	0.064
5	64QAM	25	0	17.84	0.061	17.82	0.061	17.93	0.062



LTE Band26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26805		26915		27025	
Frequency (MHz)				825.5		836.5		847.5	
				dbm	W	dbm	W	dbm	W
3	QPSK	1	0	20.09	0.102	20.12	0.103	20.16	0.104
3	QPSK	1	8	19.93	0.098	19.87	0.097	19.93	0.098
3	QPSK	1	14	19.74	0.094	19.86	0.097	19.84	0.096
3	QPSK	8	0	19.48	0.089	19.36	0.086	19.47	0.089
3	QPSK	8	4	19.23	0.084	19.26	0.084	19.31	0.085
3	QPSK	8	7	19.15	0.082	19.21	0.083	19.21	0.083
3	QPSK	15	0	19.27	0.085	19.28	0.085	19.32	0.086
3	16QAM	1	0	19.44	0.088	19.56	0.090	19.56	0.090
3	16QAM	1	8	19.43	0.088	19.44	0.088	19.44	0.088
3	16QAM	1	14	19.29	0.085	19.30	0.085	19.37	0.086
3	16QAM	8	0	18.12	0.065	18.09	0.064	18.16	0.065
3	16QAM	8	4	18.06	0.064	18.01	0.063	18.05	0.064
3	16QAM	8	7	17.94	0.062	17.95	0.062	17.98	0.063
3	16QAM	15	0	17.80	0.060	17.82	0.061	17.88	0.061
3	64QAM	1	0	19.50	0.089	19.46	0.088	19.51	0.089
3	64QAM	1	8	19.38	0.087	19.40	0.087	19.41	0.087
3	64QAM	1	14	19.24	0.084	19.29	0.085	19.34	0.086
3	64QAM	8	0	17.97	0.063	18.00	0.063	18.07	0.064
3	64QAM	8	4	18.00	0.063	18.04	0.064	18.03	0.064
3	64QAM	8	7	18.00	0.063	17.94	0.062	17.99	0.063
3	64QAM	15	0	17.84	0.061	17.78	0.060	17.87	0.061



LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26797		26915		27033	
Frequency (MHz)				824.7		836.5		848.3	
				dbm	W	dbm	W	dbm	W
1.4	QPSK	1	0	20.05	0.101	20.07	0.102	20.12	0.103
1.4	QPSK	1	3	19.91	0.098	19.84	0.096	19.90	0.098
1.4	QPSK	1	5	19.68	0.093	19.71	0.094	19.79	0.095
1.4	QPSK	3	0	19.43	0.088	19.30	0.085	19.42	0.087
1.4	QPSK	3	1	19.25	0.084	19.24	0.084	19.26	0.084
1.4	QPSK	3	3	19.12	0.082	19.09	0.081	19.14	0.082
1.4	QPSK	6	0	19.13	0.082	19.26	0.084	19.25	0.084
1.4	16QAM	1	0	19.45	0.088	19.45	0.088	19.51	0.089
1.4	16QAM	1	3	19.41	0.087	19.29	0.085	19.41	0.087
1.4	16QAM	1	5	19.20	0.083	19.22	0.084	19.30	0.085
1.4	16QAM	3	0	18.03	0.064	18.03	0.064	18.13	0.065
1.4	16QAM	3	1	17.94	0.062	18.01	0.063	18.01	0.063
1.4	16QAM	3	3	17.83	0.061	17.90	0.062	17.95	0.062
1.4	16QAM	6	0	17.80	0.060	17.76	0.060	17.84	0.061
1.4	64QAM	1	0	19.49	0.089	19.35	0.086	19.47	0.089
1.4	64QAM	1	3	19.30	0.085	19.37	0.086	19.36	0.086
1.4	64QAM	1	5	19.32	0.086	19.21	0.083	19.30	0.085
1.4	64QAM	3	0	17.99	0.063	18.02	0.063	18.01	0.063
1.4	64QAM	3	1	17.91	0.062	17.91	0.062	17.97	0.063
1.4	64QAM	3	3	17.84	0.061	17.98	0.063	17.96	0.063
1.4	64QAM	6	0	17.78	0.060	17.69	0.059	17.80	0.060



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	17.77	0.060	17.82	0.061	17.81	0.060
20	QPSK	1	49	17.73	0.059	17.79	0.060	17.73	0.059
20	QPSK	1	99	17.70	0.059	17.75	0.060	17.67	0.058
20	QPSK	50	0	17.23	0.053	17.29	0.054	17.26	0.053
20	QPSK	50	24	17.17	0.052	17.22	0.053	17.15	0.052
20	QPSK	50	50	17.07	0.051	17.13	0.052	17.12	0.052
20	QPSK	100	0	17.03	0.050	17.13	0.052	17.00	0.050
20	16QAM	1	0	17.05	0.051	17.11	0.051	17.02	0.050
20	16QAM	1	49	16.87	0.049	16.99	0.050	17.00	0.050
20	16QAM	1	99	16.80	0.048	16.94	0.049	16.89	0.049
20	16QAM	50	0	16.23	0.042	16.31	0.043	16.30	0.043
20	16QAM	50	24	16.25	0.042	16.33	0.043	16.18	0.041
20	16QAM	50	50	16.14	0.041	16.27	0.042	16.07	0.040
20	16QAM	100	0	16.06	0.040	16.23	0.042	15.96	0.039
20	64QAM	1	0	17.02	0.050	17.05	0.051	16.94	0.049
20	64QAM	1	49	16.96	0.050	16.92	0.049	16.91	0.049
20	64QAM	1	99	16.87	0.049	16.88	0.049	16.82	0.048
20	64QAM	50	0	16.30	0.043	16.26	0.042	16.20	0.042
20	64QAM	50	24	16.17	0.041	16.15	0.041	16.08	0.041
20	64QAM	50	50	16.05	0.040	16.12	0.041	16.03	0.040
20	64QAM	100	0	16.11	0.041	16.10	0.041	16.13	0.041



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	17.73	0.059	17.77	0.060	17.75	0.060
15	QPSK	1	37	17.68	0.059	17.72	0.059	17.68	0.059
15	QPSK	1	74	17.66	0.058	17.72	0.059	17.63	0.058
15	QPSK	36	0	17.18	0.052	17.23	0.053	17.22	0.053
15	QPSK	36	20	17.15	0.052	17.19	0.052	17.12	0.052
15	QPSK	36	39	17.00	0.050	17.11	0.051	17.07	0.051
15	QPSK	75	0	16.97	0.050	17.09	0.051	16.97	0.050
15	16QAM	1	0	17.00	0.050	17.06	0.051	16.97	0.050
15	16QAM	1	37	16.80	0.048	16.95	0.050	16.98	0.050
15	16QAM	1	74	16.76	0.047	16.89	0.049	16.82	0.048
15	16QAM	36	0	16.17	0.041	16.29	0.043	16.23	0.042
15	16QAM	36	20	16.21	0.042	16.28	0.042	16.13	0.041
15	16QAM	36	39	16.08	0.041	16.21	0.042	16.01	0.040
15	16QAM	75	0	16.01	0.040	16.21	0.042	15.93	0.039
15	64QAM	1	0	16.97	0.050	17.00	0.050	16.89	0.049
15	64QAM	1	37	16.89	0.049	16.89	0.049	16.86	0.049
15	64QAM	1	74	16.83	0.048	16.83	0.048	16.76	0.047
15	64QAM	36	0	16.24	0.042	16.22	0.042	16.15	0.041
15	64QAM	36	20	16.15	0.041	16.10	0.041	16.05	0.040
15	64QAM	36	39	16.02	0.040	16.10	0.041	15.97	0.040
15	64QAM	75	0	16.08	0.041	16.04	0.040	16.10	0.041



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	17.70	0.059	17.72	0.059	17.72	0.059
10	QPSK	1	25	17.63	0.058	17.70	0.059	17.63	0.058
10	QPSK	1	49	17.62	0.058	17.70	0.059	17.59	0.057
10	QPSK	25	0	17.15	0.052	17.18	0.052	17.15	0.052
10	QPSK	25	12	17.11	0.051	17.14	0.052	17.09	0.051
10	QPSK	25	25	16.97	0.050	17.05	0.051	17.01	0.050
10	QPSK	50	0	16.93	0.049	17.07	0.051	16.92	0.049
10	16QAM	1	0	16.97	0.050	17.01	0.050	16.93	0.049
10	16QAM	1	25	16.77	0.048	16.91	0.049	16.96	0.050
10	16QAM	1	49	16.69	0.047	16.83	0.048	16.80	0.048
10	16QAM	25	0	16.15	0.041	16.25	0.042	16.19	0.042
10	16QAM	25	12	16.16	0.041	16.22	0.042	16.10	0.041
10	16QAM	25	25	16.02	0.040	16.18	0.041	15.95	0.039
10	16QAM	50	0	15.95	0.039	16.19	0.042	15.90	0.039
10	64QAM	1	0	16.92	0.049	16.97	0.050	16.86	0.049
10	64QAM	1	25	16.85	0.048	16.85	0.048	16.83	0.048
10	64QAM	1	49	16.80	0.048	16.79	0.048	16.71	0.047
10	64QAM	25	0	16.20	0.042	16.15	0.041	16.13	0.041
10	64QAM	25	12	16.09	0.041	16.06	0.040	16.00	0.040
10	64QAM	25	25	15.99	0.040	16.08	0.041	15.92	0.039
10	64QAM	50	0	16.05	0.040	15.99	0.040	16.07	0.040



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	17.64	0.058	17.72	0.059	17.70	0.059
5	QPSK	1	12	17.59	0.057	17.67	0.058	17.57	0.057
5	QPSK	1	24	17.56	0.057	17.66	0.058	17.53	0.057
5	QPSK	12	0	17.10	0.051	17.12	0.052	17.11	0.051
5	QPSK	12	7	17.07	0.051	17.05	0.051	17.06	0.051
5	QPSK	12	13	16.92	0.049	16.99	0.050	17.00	0.050
5	QPSK	25	0	16.84	0.048	17.00	0.050	16.90	0.049
5	16QAM	1	0	16.90	0.049	16.97	0.050	16.89	0.049
5	16QAM	1	12	16.70	0.047	16.85	0.048	16.87	0.049
5	16QAM	1	24	16.64	0.046	16.76	0.047	16.69	0.047
5	16QAM	12	0	16.10	0.041	16.20	0.042	16.16	0.041
5	16QAM	12	7	16.13	0.041	16.17	0.041	16.00	0.040
5	16QAM	12	13	16.02	0.040	16.11	0.041	15.93	0.039
5	16QAM	25	0	15.94	0.039	16.10	0.041	15.85	0.038
5	64QAM	1	0	16.87	0.049	16.95	0.050	16.80	0.048
5	64QAM	1	12	16.75	0.047	16.76	0.047	16.82	0.048
5	64QAM	1	24	16.74	0.047	16.74	0.047	16.65	0.046
5	64QAM	12	0	16.19	0.042	16.10	0.041	16.07	0.040
5	64QAM	12	7	16.06	0.040	15.99	0.040	15.96	0.039
5	64QAM	12	13	15.94	0.039	16.00	0.040	15.91	0.039
5	64QAM	25	0	16.00	0.040	15.93	0.039	16.04	0.040



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	/	/	18.25	0.067	/	/
10	QPSK	1	25	/	/	18.14	0.065	/	/
10	QPSK	1	49	/	/	18.05	0.064	/	/
10	QPSK	25	0	/	/	17.72	0.059	/	/
10	QPSK	25	12	/	/	17.64	0.058	/	/
10	QPSK	25	25	/	/	17.55	0.057	/	/
10	QPSK	50	0	/	/	17.49	0.056	/	/
10	16QAM	1	0	/	/	17.41	0.055	/	/
10	16QAM	1	25	/	/	17.33	0.054	/	/
10	16QAM	1	49	/	/	17.24	0.053	/	/
10	16QAM	25	0	/	/	16.67	0.046	/	/
10	16QAM	25	12	/	/	16.55	0.045	/	/
10	16QAM	25	25	/	/	16.49	0.045	/	/
10	16QAM	50	0	/	/	16.43	0.044	/	/
10	64QAM	1	0	/	/	17.40	0.055	/	/
10	64QAM	1	25	/	/	17.31	0.054	/	/
10	64QAM	1	49	/	/	17.25	0.053	/	/
10	64QAM	25	0	/	/	16.63	0.046	/	/
10	64QAM	25	12	/	/	16.52	0.045	/	/
10	64QAM	25	25	/	/	16.42	0.044	/	/
10	64QAM	50	0	/	/	16.31	0.043	/	/



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	18.13	0.065	18.19	0.066	18.07	0.064
5	QPSK	1	12	18.08	0.064	18.10	0.065	18.04	0.064
5	QPSK	1	24	18.00	0.063	17.99	0.063	17.94	0.062
5	QPSK	12	0	17.63	0.058	17.70	0.059	17.57	0.057
5	QPSK	12	7	17.53	0.057	17.61	0.058	17.49	0.056
5	QPSK	12	13	17.43	0.055	17.53	0.057	17.41	0.055
5	QPSK	25	0	17.41	0.055	17.43	0.055	17.35	0.054
5	16QAM	1	0	17.32	0.054	17.37	0.055	17.28	0.053
5	16QAM	1	12	17.22	0.053	17.26	0.053	17.14	0.052
5	16QAM	1	24	17.13	0.052	17.22	0.053	17.10	0.051
5	16QAM	12	0	16.59	0.046	16.64	0.046	16.49	0.045
5	16QAM	12	7	16.45	0.044	16.51	0.045	16.33	0.043
5	16QAM	12	13	16.40	0.044	16.45	0.044	16.32	0.043
5	16QAM	25	0	16.32	0.043	16.38	0.043	16.27	0.042
5	64QAM	1	0	17.34	0.054	17.36	0.054	17.19	0.052
5	64QAM	1	12	17.25	0.053	17.25	0.053	17.15	0.052
5	64QAM	1	24	17.13	0.052	17.19	0.052	17.04	0.051
5	64QAM	12	0	16.56	0.045	16.57	0.045	16.46	0.044
5	64QAM	12	7	16.42	0.044	16.49	0.045	16.37	0.043
5	64QAM	12	13	16.33	0.043	16.40	0.044	16.25	0.042
5	64QAM	25	0	16.20	0.042	16.28	0.042	16.09	0.041



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	/	/	18.22	0.066	/	/
10	QPSK	1	25	/	/	18.13	0.065	/	/
10	QPSK	1	49	/	/	18.04	0.064	/	/
10	QPSK	25	0	/	/	17.62	0.058	/	/
10	QPSK	25	12	/	/	17.59	0.057	/	/
10	QPSK	25	25	/	/	17.56	0.057	/	/
10	QPSK	50	0	/	/	17.43	0.055	/	/
10	16QAM	1	0	/	/	17.43	0.055	/	/
10	16QAM	1	25	/	/	17.40	0.055	/	/
10	16QAM	1	49	/	/	17.30	0.054	/	/
10	16QAM	25	0	/	/	16.75	0.047	/	/
10	16QAM	25	12	/	/	16.68	0.047	/	/
10	16QAM	25	25	/	/	16.56	0.045	/	/
10	16QAM	50	0	/	/	16.51	0.045	/	/
10	64QAM	1	0	/	/	17.27	0.053	/	/
10	64QAM	1	25	/	/	17.20	0.052	/	/
10	64QAM	1	49	/	/	17.16	0.052	/	/
10	64QAM	25	0	/	/	16.58	0.045	/	/
10	64QAM	25	12	/	/	16.54	0.045	/	/
10	64QAM	25	25	/	/	16.49	0.045	/	/
10	64QAM	50	0	/	/	16.40	0.044	/	/



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	18.14	0.065	18.19	0.066	18.11	0.065
5	QPSK	1	12	18.04	0.064	18.10	0.065	18.00	0.063
5	QPSK	1	24	17.96	0.063	17.98	0.063	17.97	0.063
5	QPSK	12	0	17.51	0.056	17.55	0.057	17.48	0.056
5	QPSK	12	7	17.52	0.056	17.53	0.057	17.48	0.056
5	QPSK	12	13	17.46	0.056	17.53	0.057	17.45	0.056
5	QPSK	25	0	17.33	0.054	17.41	0.055	17.32	0.054
5	16QAM	1	0	17.34	0.054	17.39	0.055	17.31	0.054
5	16QAM	1	12	17.33	0.054	17.35	0.054	17.25	0.053
5	16QAM	1	24	17.23	0.053	17.26	0.053	17.19	0.052
5	16QAM	12	0	16.67	0.046	16.72	0.047	16.61	0.046
5	16QAM	12	7	16.59	0.046	16.64	0.046	16.54	0.045
5	16QAM	12	13	16.45	0.044	16.50	0.045	16.47	0.044
5	16QAM	25	0	16.42	0.044	16.45	0.044	16.40	0.044
5	64QAM	1	0	17.16	0.052	17.24	0.053	17.09	0.051
5	64QAM	1	12	17.08	0.051	17.17	0.052	17.07	0.051
5	64QAM	1	24	17.09	0.051	17.13	0.052	17.01	0.050
5	64QAM	12	0	16.50	0.045	16.53	0.045	16.45	0.044
5	64QAM	12	7	16.44	0.044	16.48	0.044	16.43	0.044
5	64QAM	12	13	16.39	0.044	16.46	0.044	16.33	0.043
5	64QAM	25	0	16.32	0.043	16.34	0.043	16.28	0.042



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				40140		40640		41340	
Frequency (MHz)				2545		2595		2665	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	19.28	0.085	19.46	0.088	19.42	0.087
20	QPSK	1	49	19.19	0.083	19.43	0.088	19.37	0.086
20	QPSK	1	99	19.16	0.082	19.36	0.086	19.33	0.086
20	QPSK	50	0	18.40	0.069	18.68	0.074	18.60	0.072
20	QPSK	50	24	18.29	0.067	18.57	0.072	18.55	0.072
20	QPSK	50	50	18.25	0.067	18.54	0.071	18.42	0.070
20	QPSK	100	0	18.09	0.064	18.36	0.069	18.26	0.067
20	16QAM	1	0	18.26	0.067	18.54	0.071	18.50	0.071
20	16QAM	1	49	18.14	0.065	18.46	0.070	18.43	0.070
20	16QAM	1	99	18.07	0.064	18.39	0.069	18.39	0.069
20	16QAM	50	0	17.48	0.056	17.82	0.061	17.83	0.061
20	16QAM	50	24	17.40	0.055	17.77	0.060	17.74	0.059
20	16QAM	50	50	17.32	0.054	17.68	0.059	17.68	0.059
20	16QAM	100	0	17.28	0.053	17.60	0.058	17.60	0.058
20	64QAM	1	0	18.25	0.067	18.50	0.071	18.43	0.070
20	64QAM	1	49	18.17	0.066	18.43	0.070	18.41	0.069
20	64QAM	1	99	18.05	0.064	18.35	0.068	18.35	0.068
20	64QAM	50	0	17.44	0.055	17.81	0.060	17.78	0.060
20	64QAM	50	24	17.42	0.055	17.71	0.059	17.69	0.059
20	64QAM	50	50	17.38	0.055	17.61	0.058	17.63	0.058
20	64QAM	100	0	17.29	0.054	17.50	0.056	17.55	0.057



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				40115		40640		41365	
Frequency (MHz)				2542.5		2595		2667.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	19.24	0.084	19.40	0.087	19.38	0.087
15	QPSK	1	37	19.15	0.082	19.40	0.087	19.34	0.086
15	QPSK	1	74	19.10	0.081	19.31	0.085	19.27	0.085
15	QPSK	36	0	18.38	0.069	18.61	0.073	18.54	0.071
15	QPSK	36	20	18.26	0.067	18.50	0.071	18.49	0.071
15	QPSK	36	39	18.19	0.066	18.52	0.071	18.39	0.069
15	QPSK	75	0	18.07	0.064	18.30	0.068	18.20	0.066
15	16QAM	1	0	18.22	0.066	18.50	0.071	18.46	0.070
15	16QAM	1	37	18.11	0.065	18.40	0.069	18.38	0.069
15	16QAM	1	74	18.00	0.063	18.35	0.068	18.35	0.068
15	16QAM	36	0	17.43	0.055	17.75	0.060	17.77	0.060
15	16QAM	36	20	17.38	0.055	17.75	0.060	17.69	0.059
15	16QAM	36	39	17.29	0.054	17.66	0.058	17.63	0.058
15	16QAM	75	0	17.24	0.053	17.54	0.057	17.54	0.057
15	64QAM	1	0	18.21	0.066	18.45	0.070	18.41	0.069
15	64QAM	1	37	18.12	0.065	18.37	0.069	18.36	0.069
15	64QAM	1	74	18.02	0.063	18.31	0.068	18.29	0.067
15	64QAM	36	0	17.39	0.055	17.78	0.060	17.74	0.059
15	64QAM	36	20	17.37	0.055	17.69	0.059	17.66	0.058
15	64QAM	36	39	17.32	0.054	17.59	0.057	17.60	0.058
15	64QAM	75	0	17.22	0.053	17.46	0.056	17.50	0.056



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				40090		40640		41390	
Frequency (MHz)				2540		2605		2670	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	19.20	0.083	19.36	0.086	19.34	0.086
10	QPSK	1	25	19.08	0.081	19.34	0.086	19.27	0.085
10	QPSK	1	49	19.07	0.081	19.25	0.084	19.22	0.084
10	QPSK	25	0	18.32	0.068	18.56	0.072	18.48	0.070
10	QPSK	25	12	18.19	0.066	18.47	0.070	18.47	0.070
10	QPSK	25	25	18.16	0.065	18.50	0.071	18.35	0.068
10	QPSK	50	0	18.02	0.063	18.26	0.067	18.14	0.065
10	16QAM	1	0	18.16	0.065	18.44	0.070	18.41	0.069
10	16QAM	1	25	18.05	0.064	18.38	0.069	18.35	0.068
10	16QAM	1	49	17.97	0.063	18.31	0.068	18.28	0.067
10	16QAM	25	0	17.40	0.055	17.68	0.059	17.73	0.059
10	16QAM	25	12	17.36	0.054	17.70	0.059	17.63	0.058
10	16QAM	25	25	17.23	0.053	17.61	0.058	17.60	0.058
10	16QAM	50	0	17.22	0.053	17.48	0.056	17.50	0.056
10	64QAM	1	0	18.18	0.066	18.39	0.069	18.39	0.069
10	64QAM	1	25	18.08	0.064	18.32	0.068	18.30	0.068
10	64QAM	1	49	17.99	0.063	18.29	0.067	18.27	0.067
10	64QAM	25	0	17.37	0.055	17.75	0.060	17.67	0.058
10	64QAM	25	12	17.30	0.054	17.64	0.058	17.60	0.058
10	64QAM	25	25	17.29	0.054	17.54	0.057	17.57	0.057
10	64QAM	50	0	17.17	0.052	17.43	0.055	17.44	0.055



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				40065		40640		41415	
Frequency (MHz)				2537.5		2605		2672.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	19.17	0.083	19.31	0.085	19.28	0.085
5	QPSK	1	12	19.05	0.080	19.31	0.085	19.24	0.084
5	QPSK	1	24	19.03	0.080	19.21	0.083	19.17	0.083
5	QPSK	12	0	18.27	0.067	18.52	0.071	18.47	0.070
5	QPSK	12	7	18.16	0.065	18.45	0.070	18.40	0.069
5	QPSK	12	13	18.09	0.064	18.43	0.070	18.28	0.067
5	QPSK	25	0	17.98	0.063	18.22	0.066	18.07	0.064
5	16QAM	1	0	18.11	0.065	18.41	0.069	18.40	0.069
5	16QAM	1	12	18.01	0.063	18.32	0.068	18.29	0.067
5	16QAM	1	24	17.95	0.062	18.29	0.067	18.30	0.068
5	16QAM	12	0	17.33	0.054	17.63	0.058	17.70	0.059
5	16QAM	12	7	17.28	0.053	17.67	0.058	17.65	0.058
5	16QAM	12	13	17.18	0.052	17.56	0.057	17.57	0.057
5	16QAM	25	0	17.16	0.052	17.46	0.056	17.47	0.056
5	64QAM	1	0	18.12	0.065	18.37	0.069	18.35	0.068
5	64QAM	1	12	18.05	0.064	18.29	0.067	18.26	0.067
5	64QAM	1	24	17.91	0.062	18.20	0.066	18.17	0.066
5	64QAM	12	0	17.28	0.053	17.72	0.059	17.67	0.058
5	64QAM	12	7	17.28	0.053	17.61	0.058	17.61	0.058
5	64QAM	12	13	17.24	0.053	17.49	0.056	17.51	0.056
5	64QAM	25	0	17.15	0.052	17.34	0.054	17.44	0.055



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				132072		132322		132572	
Frequency (MHz)				1720		1745		1770	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	22.66	0.185	22.68	0.185	22.65	0.184
20	QPSK	1	49	22.63	0.183	22.58	0.181	22.56	0.180
20	QPSK	1	99	22.59	0.182	22.47	0.177	22.47	0.177
20	QPSK	50	0	22.26	0.168	22.27	0.169	22.16	0.164
20	QPSK	50	24	22.17	0.165	22.18	0.165	22.06	0.161
20	QPSK	50	50	22.07	0.161	22.09	0.162	21.95	0.157
20	QPSK	100	0	21.99	0.158	22.03	0.160	21.87	0.154
20	16QAM	1	0	22.21	0.166	22.34	0.171	22.31	0.170
20	16QAM	1	49	21.98	0.158	22.19	0.166	22.12	0.163
20	16QAM	1	99	21.96	0.157	22.13	0.163	22.08	0.161
20	16QAM	50	0	21.24	0.133	21.50	0.141	21.46	0.140
20	16QAM	50	24	21.18	0.131	21.46	0.140	21.40	0.138
20	16QAM	50	50	21.12	0.129	21.36	0.137	21.33	0.136
20	16QAM	100	0	21.01	0.126	21.28	0.134	21.22	0.132
20	64QAM	1	0	21.63	0.146	21.83	0.152	21.76	0.150
20	64QAM	1	49	21.43	0.139	21.63	0.146	21.49	0.141
20	64QAM	1	99	21.34	0.136	21.54	0.143	21.43	0.139
20	64QAM	50	0	20.81	0.121	20.95	0.124	20.90	0.123
20	64QAM	50	24	20.77	0.119	20.90	0.123	20.85	0.122
20	64QAM	50	50	20.69	0.117	20.87	0.122	20.75	0.119
20	64QAM	100	0	20.61	0.115	20.89	0.123	20.67	0.117



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				132047		132322		132597	
Frequency (MHz)				1717.5		1745		1772.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	22.60	0.182	22.65	0.184	22.62	0.183
15	QPSK	1	37	22.57	0.181	22.56	0.180	22.53	0.179
15	QPSK	1	74	22.52	0.179	22.41	0.174	22.40	0.174
15	QPSK	36	0	22.24	0.167	22.21	0.166	22.12	0.163
15	QPSK	36	20	22.14	0.164	22.13	0.163	22.02	0.159
15	QPSK	36	39	22.02	0.159	22.05	0.160	21.91	0.155
15	QPSK	75	0	21.93	0.156	21.97	0.157	21.85	0.153
15	16QAM	1	0	22.18	0.165	22.31	0.170	22.26	0.168
15	16QAM	1	37	21.96	0.157	22.14	0.164	22.08	0.161
15	16QAM	1	74	21.93	0.156	22.06	0.161	22.03	0.160
15	16QAM	36	0	21.19	0.132	21.43	0.139	21.44	0.139
15	16QAM	36	20	21.14	0.130	21.39	0.138	21.38	0.137
15	16QAM	36	39	21.10	0.129	21.32	0.136	21.27	0.134
15	16QAM	75	0	20.98	0.125	21.26	0.134	21.17	0.131
15	64QAM	1	0	21.57	0.144	21.77	0.150	21.71	0.148
15	64QAM	1	37	21.38	0.137	21.61	0.145	21.45	0.140
15	64QAM	1	74	21.27	0.134	21.48	0.141	21.37	0.137
15	64QAM	36	0	20.77	0.119	20.92	0.124	20.86	0.122
15	64QAM	36	20	20.71	0.118	20.83	0.121	20.82	0.121
15	64QAM	36	39	20.66	0.116	20.84	0.121	20.71	0.118
15	64QAM	75	0	20.55	0.114	20.87	0.122	20.64	0.116



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				132022		132322		132622	
Frequency (MHz)				1715		1745		1775	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	22.57	0.181	22.61	0.182	22.56	0.180
10	QPSK	1	25	22.52	0.179	22.53	0.179	22.47	0.177
10	QPSK	1	49	22.46	0.176	22.35	0.172	22.33	0.171
10	QPSK	25	0	22.19	0.166	22.17	0.165	22.08	0.161
10	QPSK	25	12	22.09	0.162	22.10	0.162	21.97	0.157
10	QPSK	25	25	22.00	0.158	22.00	0.158	21.86	0.153
10	QPSK	50	0	21.87	0.154	21.94	0.156	21.83	0.152
10	16QAM	1	0	22.16	0.164	22.24	0.167	22.20	0.166
10	16QAM	1	25	21.92	0.156	22.11	0.163	22.02	0.159
10	16QAM	1	49	21.90	0.155	22.01	0.159	21.98	0.158
10	16QAM	25	0	21.15	0.130	21.39	0.138	21.38	0.137
10	16QAM	25	12	21.08	0.128	21.37	0.137	21.32	0.136
10	16QAM	25	25	21.06	0.128	21.26	0.134	21.21	0.132
10	16QAM	50	0	20.96	0.125	21.24	0.133	21.11	0.129
10	64QAM	1	0	21.51	0.142	21.72	0.149	21.69	0.148
10	64QAM	1	25	21.34	0.136	21.57	0.144	21.41	0.138
10	64QAM	1	49	21.25	0.133	21.43	0.139	21.32	0.136
10	64QAM	25	0	20.71	0.118	20.86	0.122	20.82	0.121
10	64QAM	25	12	20.66	0.116	20.80	0.120	20.76	0.119
10	64QAM	25	25	20.61	0.115	20.79	0.120	20.65	0.116
10	64QAM	50	0	20.49	0.112	20.83	0.121	20.62	0.115



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				131997		132322		132647	
Frequency (MHz)				1712.5		1745		1777.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	22.50	0.178	22.55	0.180	22.52	0.179
5	QPSK	1	12	22.46	0.176	22.49	0.177	22.43	0.175
5	QPSK	1	24	22.42	0.175	22.32	0.171	22.31	0.170
5	QPSK	12	0	22.16	0.164	22.13	0.163	22.01	0.159
5	QPSK	12	7	22.06	0.161	22.04	0.160	21.90	0.155
5	QPSK	12	13	21.97	0.157	21.96	0.157	21.82	0.152
5	QPSK	25	0	21.84	0.153	21.89	0.155	21.77	0.150
5	16QAM	1	0	22.10	0.162	22.21	0.166	22.14	0.164
5	16QAM	1	12	21.88	0.154	22.06	0.161	21.99	0.158
5	16QAM	1	24	21.87	0.154	21.95	0.157	21.92	0.156
5	16QAM	12	0	21.11	0.129	21.34	0.136	21.33	0.136
5	16QAM	12	7	21.04	0.127	21.34	0.136	21.29	0.135
5	16QAM	12	13	21.01	0.126	21.20	0.132	21.15	0.130
5	16QAM	25	0	20.90	0.123	21.21	0.132	21.06	0.128
5	64QAM	1	0	21.47	0.140	21.70	0.148	21.67	0.147
5	64QAM	1	12	21.29	0.135	21.52	0.142	21.38	0.137
5	64QAM	1	24	21.22	0.132	21.40	0.138	21.29	0.135
5	64QAM	12	0	20.65	0.116	20.79	0.120	20.80	0.120
5	64QAM	12	7	20.60	0.115	20.75	0.119	20.72	0.118
5	64QAM	12	13	20.54	0.113	20.75	0.119	20.61	0.115
5	64QAM	25	0	20.45	0.111	20.78	0.120	20.60	0.115



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				131987		132322		132657	
Frequency (MHz)				1711.5		1745		1778.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	22.48	0.177	22.52	0.179	22.45	0.176
3	QPSK	1	8	22.42	0.175	22.45	0.176	22.38	0.173
3	QPSK	1	14	22.38	0.173	22.29	0.169	22.26	0.168
3	QPSK	8	0	22.09	0.162	22.06	0.161	21.99	0.158
3	QPSK	8	4	21.99	0.158	22.01	0.159	21.85	0.153
3	QPSK	8	7	21.91	0.155	21.93	0.156	21.76	0.150
3	QPSK	15	0	21.81	0.152	21.87	0.154	21.74	0.149
3	16QAM	1	0	22.03	0.160	22.14	0.164	22.10	0.162
3	16QAM	1	8	21.83	0.152	21.99	0.158	21.95	0.157
3	16QAM	1	14	21.83	0.152	21.89	0.155	21.87	0.154
3	16QAM	8	0	21.08	0.128	21.31	0.135	21.27	0.134
3	16QAM	8	4	20.98	0.125	21.28	0.134	21.24	0.133
3	16QAM	8	7	20.99	0.126	21.17	0.131	21.11	0.129
3	16QAM	15	0	20.88	0.122	21.19	0.132	21.01	0.126
3	64QAM	1	0	21.44	0.139	21.68	0.147	21.60	0.145
3	64QAM	1	8	21.26	0.134	21.47	0.140	21.31	0.135
3	64QAM	1	14	21.22	0.132	21.36	0.137	21.23	0.133
3	64QAM	8	0	20.58	0.114	20.73	0.118	20.76	0.119
3	64QAM	8	4	20.55	0.114	20.70	0.117	20.65	0.116
3	64QAM	8	7	20.48	0.112	20.70	0.117	20.54	0.113
3	64QAM	15	0	20.41	0.110	20.76	0.119	20.58	0.114



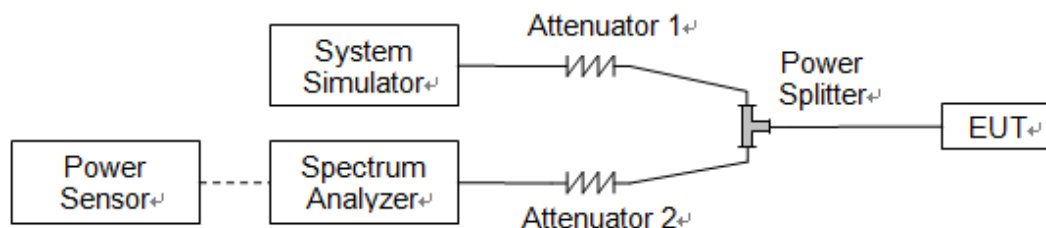
LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				131979		132322		132665	
Frequency (MHz)				1710.7		1745		1779.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	22.45	0.176	22.51	0.178	22.48	0.177
1.4	QPSK	1	3	22.41	0.174	22.45	0.176	22.40	0.174
1.4	QPSK	1	5	22.36	0.172	22.30	0.170	22.29	0.169
1.4	QPSK	3	0	22.10	0.162	22.08	0.161	21.97	0.157
1.4	QPSK	3	1	22.04	0.160	21.99	0.158	21.84	0.153
1.4	QPSK	3	3	21.91	0.155	21.93	0.156	21.77	0.150
1.4	QPSK	6	0	21.80	0.151	21.85	0.153	21.73	0.149
1.4	16QAM	1	0	22.08	0.161	22.14	0.164	22.09	0.162
1.4	16QAM	1	3	21.85	0.153	22.03	0.160	21.93	0.156
1.4	16QAM	1	5	21.82	0.152	21.92	0.156	21.87	0.154
1.4	16QAM	3	0	21.07	0.128	21.32	0.136	21.28	0.134
1.4	16QAM	3	1	20.99	0.126	21.29	0.135	21.26	0.134
1.4	16QAM	3	3	20.96	0.125	21.17	0.131	21.10	0.129
1.4	16QAM	6	0	20.85	0.122	21.17	0.131	21.03	0.127
1.4	64QAM	1	0	21.45	0.140	21.67	0.147	21.62	0.145
1.4	64QAM	1	3	21.27	0.134	21.48	0.141	21.34	0.136
1.4	64QAM	1	5	21.20	0.132	21.38	0.137	21.26	0.134
1.4	64QAM	3	0	20.59	0.115	20.76	0.119	20.73	0.118
1.4	64QAM	3	1	20.55	0.114	20.72	0.118	20.69	0.117
1.4	64QAM	3	3	20.52	0.113	20.72	0.118	20.56	0.114
1.4	64QAM	6	0	20.42	0.110	20.74	0.119	20.55	0.114

2.2. Occupied Bandwidth

2.2.1. Requirement

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

2.2.2. Test Description



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

2.2.3. Test Procedure

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

2.2.4. Test Result



LTE Band 2				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.09	1.26
	Low	16QAM	1.10	1.31
	Low	64QAM	1.09	1.27
	Mid	QPSK	1.10	1.28
	Mid	16QAM	1.10	1.29
	Mid	64QAM	1.10	1.29
	High	QPSK	1.09	1.27
	High	16QAM	1.10	1.3
	High	64QAM	1.09	1.3
3	Low	QPSK	2.68	2.96
	Low	16QAM	2.69	2.93
	Low	64QAM	2.70	2.93
	Mid	QPSK	2.69	2.92
	Mid	16QAM	2.69	2.93
	Mid	64QAM	2.69	2.93
	High	QPSK	2.69	2.92
	High	16QAM	2.69	2.93
	High	64QAM	2.71	2.92
5	Low	QPSK	4.49	4.92
	Low	16QAM	4.49	4.9
	Low	64QAM	4.50	4.93
	Mid	QPSK	4.50	5.12
	Mid	16QAM	4.50	4.93
	Mid	64QAM	4.50	4.92
	High	QPSK	4.50	4.91
	High	16QAM	4.51	4.93
	High	64QAM	4.50	4.91
10	Low	QPSK	8.99	9.74
	Low	16QAM	8.97	9.68
	Low	64QAM	8.98	9.73
	Mid	QPSK	9.00	9.79
	Mid	16QAM	8.98	9.7
	Mid	64QAM	8.98	9.76
	High	QPSK	8.99	9.77
	High	16QAM	8.98	9.67
	High	64QAM	8.99	9.76



15	Low	QPSK	13.46	14.54
	Low	16QAM	13.47	14.61
	Low	64QAM	13.46	14.56
	Mid	QPSK	13.45	14.31
	Mid	16QAM	13.47	14.61
	Mid	64QAM	13.47	14.52
	High	QPSK	13.52	14.59
	High	16QAM	13.49	14.68
	High	64QAM	13.49	14.63
20	Low	QPSK	17.98	19.45
	Low	16QAM	18.00	19.34
	Low	64QAM	17.97	19.35
	Mid	QPSK	17.97	19.32
	Mid	16QAM	17.95	19.41
	Mid	64QAM	17.96	19.38
	High	QPSK	17.97	19.4
	High	16QAM	18.00	19.44
	High	64QAM	17.99	19.4



LTE Band 4				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.10	1.31
	Low	16QAM	1.10	1.32
	Low	64QAM	1.10	1.28
	Mid	QPSK	1.09	1.27
	Mid	16QAM	1.10	1.30
	Mid	64QAM	1.09	1.29
	High	QPSK	1.09	1.29
	High	16QAM	1.10	1.29
	High	64QAM	1.09	1.29
3	Low	QPSK	2.69	2.92
	Low	16QAM	2.69	2.93
	Low	64QAM	2.70	2.93
	Mid	QPSK	2.69	2.92
	Mid	16QAM	2.69	2.92
	Mid	64QAM	2.70	2.93
	High	QPSK	2.69	2.93
	High	16QAM	2.69	2.92
	High	64QAM	2.70	2.93
5	Low	QPSK	4.50	5.05
	Low	16QAM	4.51	5.25
	Low	64QAM	4.49	5.31
	Mid	QPSK	4.50	4.94
	Mid	16QAM	4.50	4.94
	Mid	64QAM	4.50	4.91
	High	QPSK	4.50	4.96
	High	16QAM	4.50	4.94
	High	64QAM	4.49	4.91
10	Low	QPSK	8.99	9.7
	Low	16QAM	8.97	9.69
	Low	64QAM	9.00	9.75
	Mid	QPSK	8.98	9.76
	Mid	16QAM	8.98	9.74
	Mid	64QAM	8.99	9.74
	High	QPSK	9.01	9.81
	High	16QAM	8.98	9.71
	High	64QAM	8.97	9.8



15	Low	QPSK	13.43	14.56
	Low	16QAM	13.46	14.51
	Low	64QAM	13.46	14.52
	Mid	QPSK	13.47	14.59
	Mid	16QAM	13.48	14.52
	Mid	64QAM	13.50	14.67
	High	QPSK	13.45	14.62
	High	16QAM	13.47	14.69
	High	64QAM	13.45	14.6
20	Low	QPSK	17.94	19.42
	Low	16QAM	17.95	19.33
	Low	64QAM	17.95	19.37
	Mid	QPSK	17.94	19.44
	Mid	16QAM	17.99	19.48
	Mid	64QAM	17.97	19.41
	High	QPSK	17.95	19.49
	High	16QAM	17.96	19.38
	High	64QAM	17.96	19.38



LTE Band 5				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.09	1.28
	Low	16QAM	1.10	1.29
	Low	64QAM	1.10	1.29
	Mid	QPSK	1.10	1.27
	Mid	16QAM	1.10	1.30
	Mid	64QAM	1.09	1.30
	High	QPSK	1.09	1.28
	High	16QAM	1.10	1.30
	High	64QAM	1.10	1.28
3	Low	QPSK	2.69	2.92
	Low	16QAM	2.69	2.93
	Low	64QAM	2.70	2.93
	Mid	QPSK	2.69	2.93
	Mid	16QAM	2.69	2.92
	Mid	64QAM	2.70	2.92
	High	QPSK	2.69	2.92
	High	16QAM	2.69	2.92
	High	64QAM	2.71	2.86
5	Low	QPSK	4.49	4.9
	Low	16QAM	4.49	4.91
	Low	64QAM	4.50	4.91
	Mid	QPSK	4.50	4.94
	Mid	16QAM	4.50	4.92
	Mid	64QAM	4.49	4.91
	High	QPSK	4.50	4.93
	High	16QAM	4.50	4.93
	High	64QAM	4.50	4.9
10	Low	QPSK	9.00	9.8
	Low	16QAM	8.97	9.68
	Low	64QAM	8.99	9.77
	Mid	QPSK	8.99	9.98
	Mid	16QAM	8.98	9.73
	Mid	64QAM	8.98	9.77
	High	QPSK	8.99	9.69
	High	16QAM	8.97	9.73
	High	64QAM	8.98	9.7



LTE Band 7				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.50	4.93
	Low	16QAM	4.50	4.94
	Low	64QAM	4.50	4.9
	Mid	QPSK	4.49	4.91
	Mid	16QAM	4.50	4.92
	Mid	64QAM	4.50	4.92
	High	QPSK	4.50	4.94
	High	16QAM	4.49	4.88
	High	64QAM	4.49	4.92
10	Low	QPSK	8.98	9.71
	Low	16QAM	8.96	9.68
	Low	64QAM	8.99	9.79
	Mid	QPSK	9.00	9.71
	Mid	16QAM	8.97	9.68
	Mid	64QAM	8.98	9.73
	High	QPSK	9.00	9.78
	High	16QAM	8.96	9.69
	High	64QAM	8.96	9.68
15	Low	QPSK	13.48	14.58
	Low	16QAM	13.47	14.62
	Low	64QAM	13.48	14.62
	Mid	QPSK	13.45	15.08
	Mid	16QAM	13.46	14.63
	Mid	64QAM	13.44	14.44
	High	QPSK	13.45	14.6
	High	16QAM	13.43	14.53
	High	64QAM	13.44	14.63
20	Low	QPSK	17.94	19.32
	Low	16QAM	18.00	19.45
	Low	64QAM	17.95	19.43
	Mid	QPSK	17.92	19.38
	Mid	16QAM	17.96	19.36
	Mid	64QAM	17.91	19.41
	High	QPSK	17.94	19.38
	High	16QAM	17.97	19.34
	High	64QAM	17.95	19.36



LTE Band 26				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.09	1.28
	Low	16QAM	1.09	1.28
	Low	64QAM	1.09	1.27
	Mid	QPSK	1.09	1.27
	Mid	16QAM	1.09	1.27
	Mid	64QAM	1.09	1.27
	High	QPSK	1.09	1.29
	High	16QAM	1.09	1.29
	High	64QAM	1.09	1.29
3	Low	QPSK	2.71	2.93
	Low	16QAM	2.70	2.92
	Low	64QAM	2.70	2.93
	Mid	QPSK	2.70	2.93
	Mid	16QAM	2.70	2.92
	Mid	64QAM	2.71	2.92
	High	QPSK	2.70	2.93
	High	16QAM	2.69	2.91
	High	64QAM	2.70	2.92
5	Low	QPSK	4.50	4.90
	Low	16QAM	4.50	4.94
	Low	64QAM	4.49	4.90
	Mid	QPSK	4.50	4.91
	Mid	16QAM	4.51	4.90
	Mid	64QAM	4.50	4.89
	High	QPSK	4.50	4.91
	High	16QAM	4.50	4.92
	High	64QAM	4.49	4.87
10	Low	QPSK	9.00	9.69
	Low	16QAM	8.97	9.71
	Low	64QAM	9.00	9.69
	Mid	QPSK	9.02	9.80
	Mid	16QAM	9.01	9.76
	Mid	64QAM	9.01	9.76
	High	QPSK	9.00	9.74
	High	16QAM	9.00	9.68
	High	64QAM	9.01	9.71



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15	Low	QPSK	13.46	14.63
	Low	16QAM	13.50	14.64
	Low	64QAM	13.51	14.55
	Mid	QPSK	13.49	14.57
	Mid	16QAM	13.47	14.65
	Mid	64QAM	13.49	14.63
	High	QPSK	13.49	14.65
	High	16QAM	13.47	14.57
	High	64QAM	13.45	14.54



LTE Band 38				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.50	4.91
	Low	16QAM	4.51	5.06
	Low	64QAM	4.49	4.91
	Mid	QPSK	4.50	5.0
	Mid	16QAM	4.50	5.2
	Mid	64QAM	4.49	4.99
	High	QPSK	4.50	5.06
	High	16QAM	4.51	5.34
	High	64QAM	4.49	4.89
10	Low	QPSK	8.97	9.87
	Low	16QAM	8.98	10.22
	Low	64QAM	8.99	10.63
	Mid	QPSK	9.00	9.81
	Mid	16QAM	8.98	10.1
	Mid	64QAM	9.00	10.59
	High	QPSK	8.97	10.17
	High	16QAM	8.98	10.41
	High	64QAM	9.00	10.49
15	Low	QPSK	13.47	14.92
	Low	16QAM	13.46	14.5
	Low	64QAM	13.47	15.16
	Mid	QPSK	13.49	14.86
	Mid	16QAM	13.49	15.01
	Mid	64QAM	13.47	15.31
	High	QPSK	13.45	15.11
	High	16QAM	13.48	15.57
	High	64QAM	13.48	15.53
20	Low	QPSK	17.94	20.72
	Low	16QAM	17.97	21.07
	Low	64QAM	17.96	19.31
	Mid	QPSK	17.95	20.31
	Mid	16QAM	17.98	20.32
	Mid	64QAM	17.97	19.39
	High	QPSK	17.96	19.37
	High	16QAM	17.92	20.81
	High	64QAM	17.96	22.14



LTE Band 40, Block A				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.52	5.14
	Low	16QAM	4.52	5.13
	Low	64QAM	4.52	5.19
	Mid	QPSK	4.52	5.19
	Mid	16QAM	4.51	5.08
	Mid	64QAM	4.52	5.34
	High	QPSK	4.52	5.42
	High	16QAM	4.51	5.17
	High	64QAM	4.51	5.14
10	Mid	QPSK	9.01	10.12
	Mid	16QAM	8.99	10.12
	Mid	64QAM	8.96	10.14

LTE Band 40, Block B				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.52	5.16
	Low	16QAM	4.52	5.05
	Low	64QAM	4.51	5.11
	Mid	QPSK	4.52	5.12
	Mid	16QAM	4.51	5.15
	Mid	64QAM	4.51	5.22
	High	QPSK	4.53	5.35
	High	16QAM	4.51	5.17
	High	64QAM	4.51	5.30
10	Mid	QPSK	9.00	9.97
	Mid	16QAM	9.00	10.09
	Mid	64QAM	8.98	9.84



LTE Band 41				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.50	5.05
	Low	16QAM	4.50	5.11
	Low	64QAM	4.49	5.09
	Mid	QPSK	4.50	5.14
	Mid	16QAM	4.50	4.88
	Mid	64QAM	4.50	5.00
	High	QPSK	4.51	5.08
	High	16QAM	4.50	5.04
	High	64QAM	4.48	4.99
10	Low	QPSK	9.00	10.24
	Low	16QAM	8.98	9.71
	Low	64QAM	8.97	9.65
	Mid	QPSK	8.99	10.10
	Mid	16QAM	8.96	9.72
	Mid	64QAM	9.00	9.68
	High	QPSK	9.00	9.66
	High	16QAM	8.98	10.06
	High	64QAM	9.01	10.20
15	Low	QPSK	13.48	14.64
	Low	16QAM	13.42	14.70
	Low	64QAM	13.47	14.37
	Mid	QPSK	13.45	14.87
	Mid	16QAM	13.50	14.49
	Mid	64QAM	13.46	15.10
	High	QPSK	13.49	14.77
	High	16QAM	13.43	15.50
	High	64QAM	13.46	15.70
20	Low	QPSK	17.94	19.25
	Low	16QAM	17.94	20.32
	Low	64QAM	17.95	19.10
	Mid	QPSK	17.96	20.18
	Mid	16QAM	17.96	20.93
	Mid	64QAM	17.95	20.82
	High	QPSK	17.98	19.35
	High	16QAM	17.99	20.04
	High	64QAM	17.95	19.79



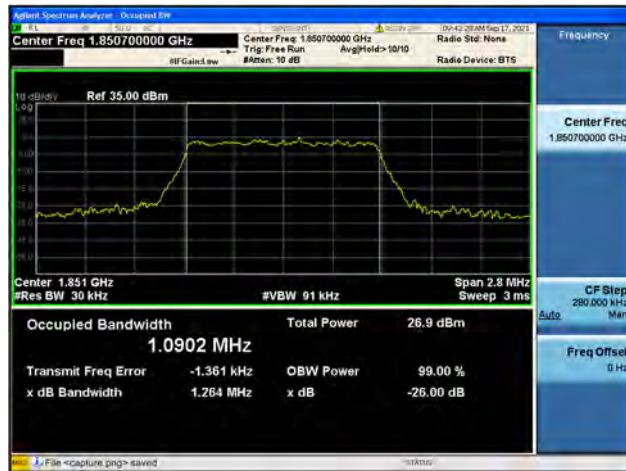
LTE Band 66				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.09	1.28
	Low	16QAM	1.09	1.25
	Low	64QAM	1.09	1.25
	Mid	QPSK	1.09	1.27
	Mid	16QAM	1.09	1.27
	Mid	64QAM	1.09	1.29
	High	QPSK	1.09	1.28
	High	16QAM	1.09	1.28
	High	64QAM	1.09	1.27
3	Low	QPSK	2.69	2.91
	Low	16QAM	2.69	2.93
	Low	64QAM	2.70	2.91
	Mid	QPSK	2.70	2.91
	Mid	16QAM	2.70	2.94
	Mid	64QAM	2.70	2.92
	High	QPSK	2.70	2.93
	High	16QAM	2.70	2.94
	High	64QAM	2.70	2.92
5	Low	QPSK	4.51	5.18
	Low	16QAM	4.51	5.17
	Low	64QAM	4.51	5.17
	Mid	QPSK	4.51	5.19
	Mid	16QAM	4.51	5.12
	Mid	64QAM	4.51	5.13
	High	QPSK	4.51	5.11
	High	16QAM	4.51	5.17
	High	64QAM	4.51	5.11
10	Low	QPSK	8.99	9.99
	Low	16QAM	9.00	10.09
	Low	64QAM	8.99	9.97
	Mid	QPSK	9.00	10.16
	Mid	16QAM	9.00	10.03
	Mid	64QAM	8.99	9.95
	High	QPSK	8.99	10.10
	High	16QAM	9.02	10.06
	High	64QAM	9.01	10.02



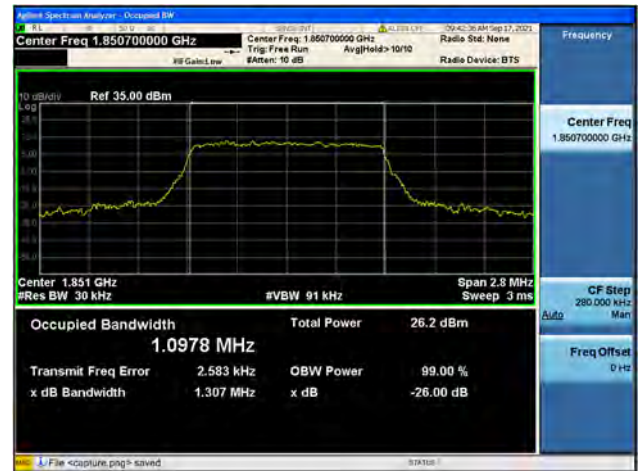
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15	Low	QPSK	13.50	14.84
	Low	16QAM	13.48	14.95
	Low	64QAM	13.49	14.86
	Mid	QPSK	13.48	15.11
	Mid	16QAM	13.49	14.82
	Mid	64QAM	13.49	14.77
	High	QPSK	13.50	14.74
	High	16QAM	13.50	14.72
	High	64QAM	13.50	14.94
20	Low	QPSK	17.91	19.55
	Low	16QAM	17.91	19.55
	Low	64QAM	17.95	19.27
	Mid	QPSK	18.00	19.60
	Mid	16QAM	17.98	19.52
	Mid	64QAM	18.01	19.85
	High	QPSK	17.97	19.60
	High	16QAM	18.02	19.57
	High	64QAM	18.01	19.59

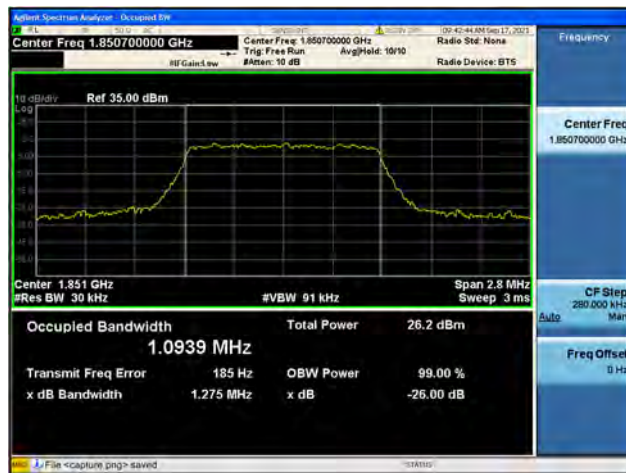
Band2 / 1.4MHz / Low CH / QPSK



Band2 / 1.4MHz / Low CH / 16QAM



Band2 / 1.4MHz / Low CH / 64QAM



Band2 / 1.4MHz / Mid CH / QPSK



Band2 / 1.4MHz / Mid CH / 16QAM

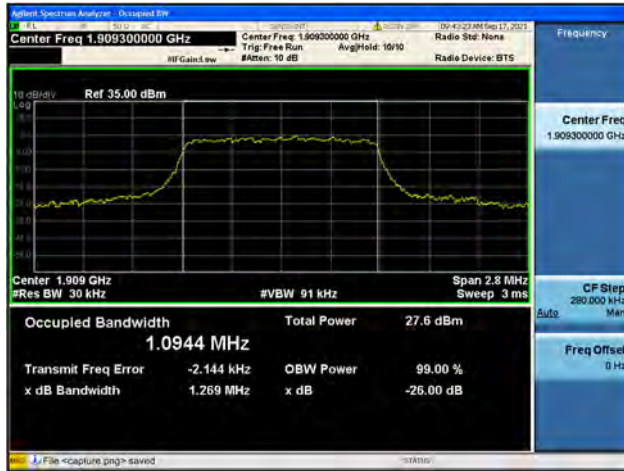


Band2 / 1.4MHz / Mid CH / 64QAM

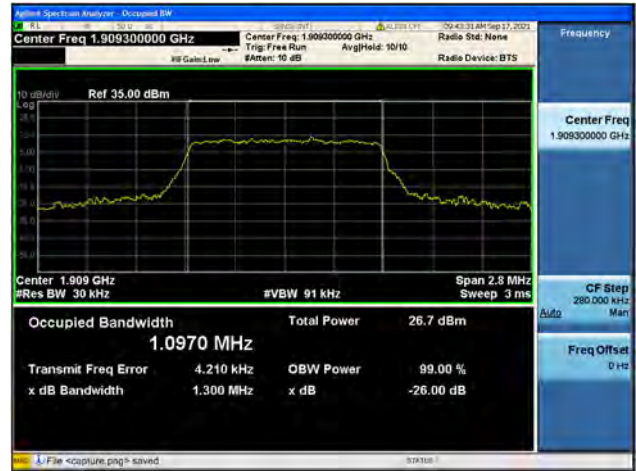




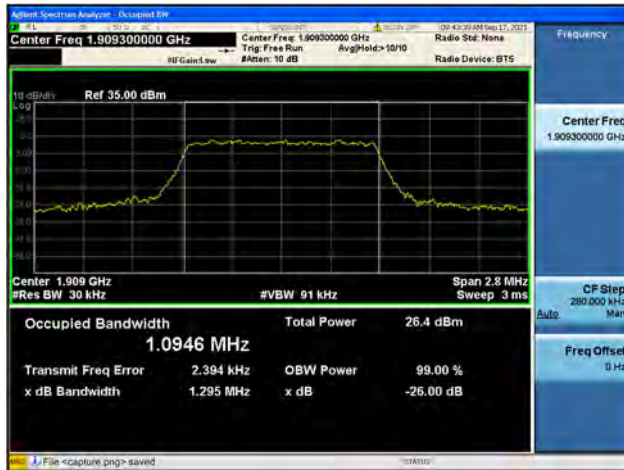
Band2 / 1.4MHz / High CH / QPSK



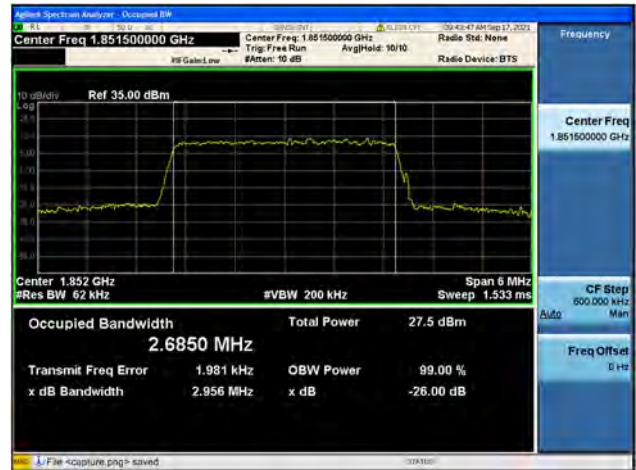
Band2 / 1.4MHz / High CH / 16QAM



Band2 / 1.4MHz / High CH / 64QAM



Band2 / 3MHz / Low CH / QPSK



Band2 / 3MHz / Low CH / 16QAM

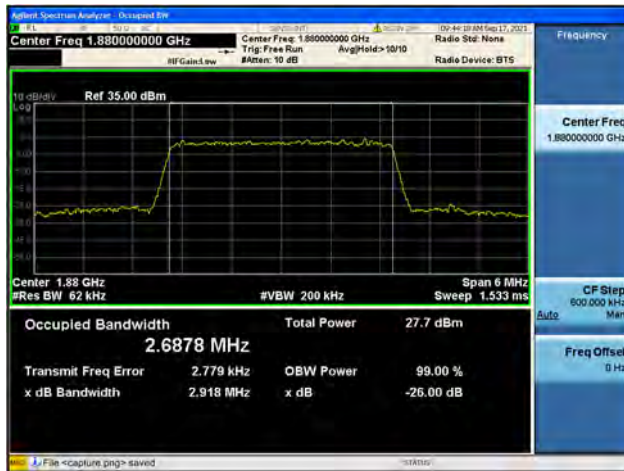


Band2 / 3MHz / Low CH / 64QAM

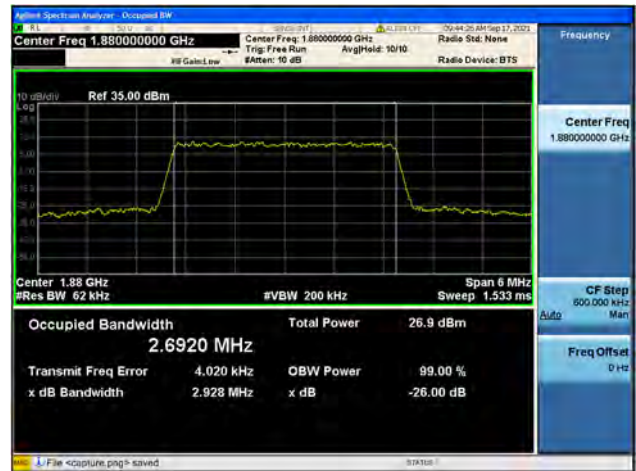




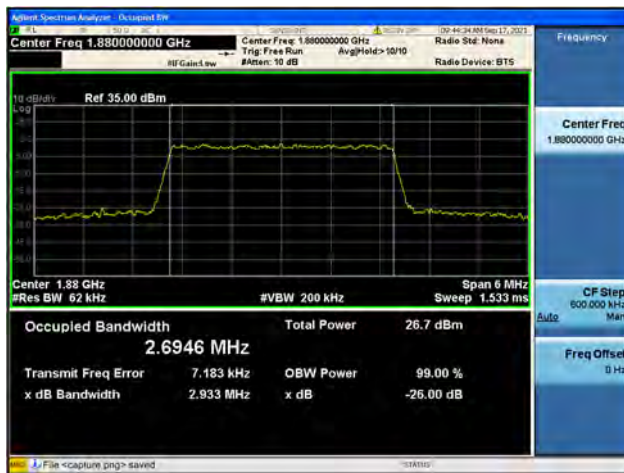
Band2 / 3MHz / Mid CH / QPSK



Band2 / 3MHz / Mid CH / 16QAM



Band2 / 3MHz / Mid CH / 64QAM



Band2 / 3MHz / High CH / QPSK



Band2 / 3MHz / High CH / 16QAM

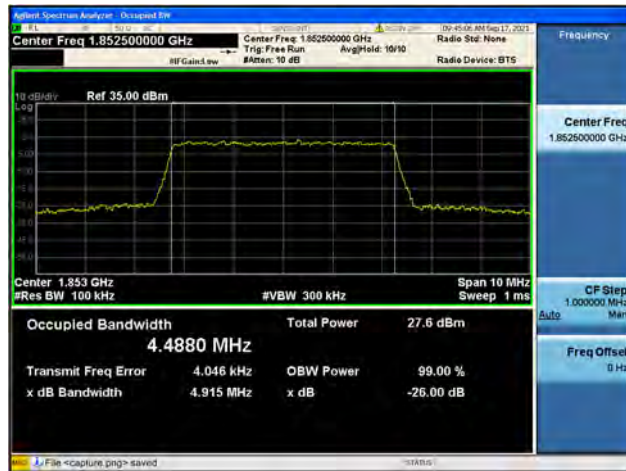


Band2 / 3MHz / High CH / 64QAM

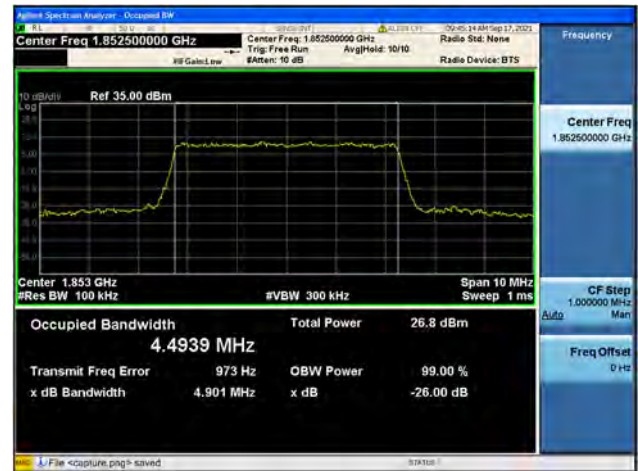




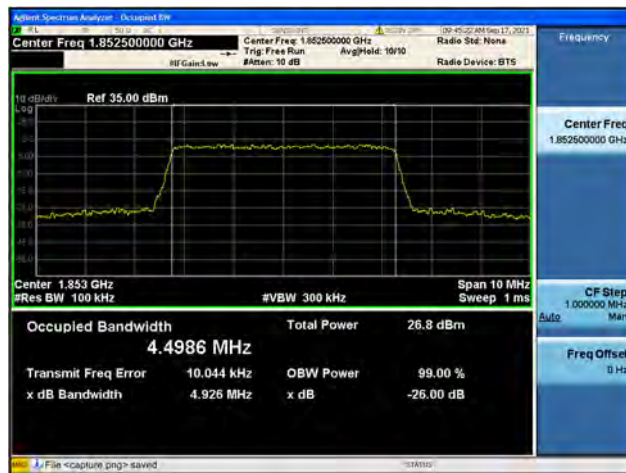
Band2 / 5MHz / Low CH / QPSK



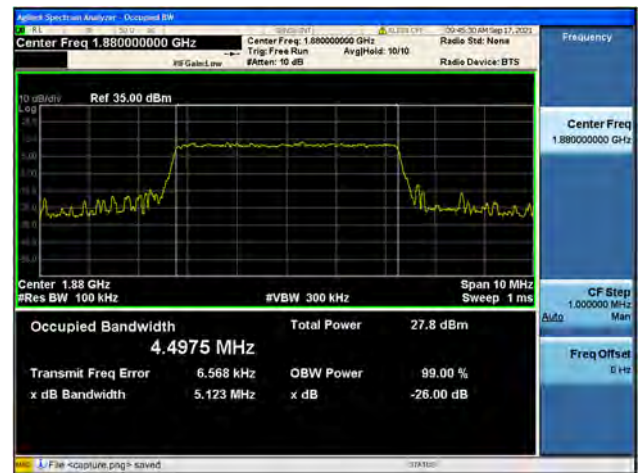
Band2 / 5MHz / Low CH / 16QAM



Band2 / 5MHz / Low CH / 64QAM



Band2 / 5MHz / Mid CH / QPSK



Band2 / 5MHz / Mid CH / 16QAM

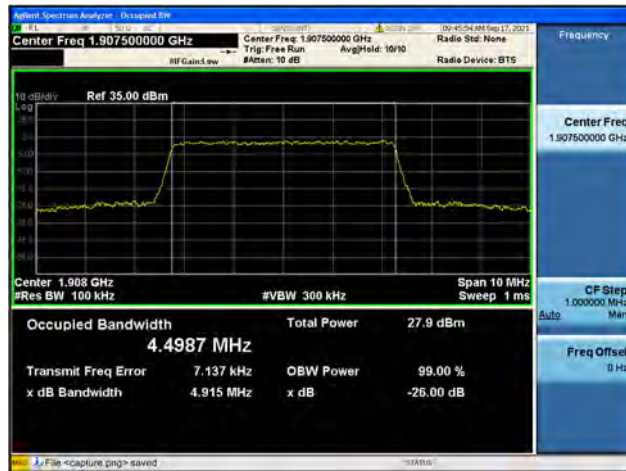


Band2 / 5MHz / Mid CH / 64QAM





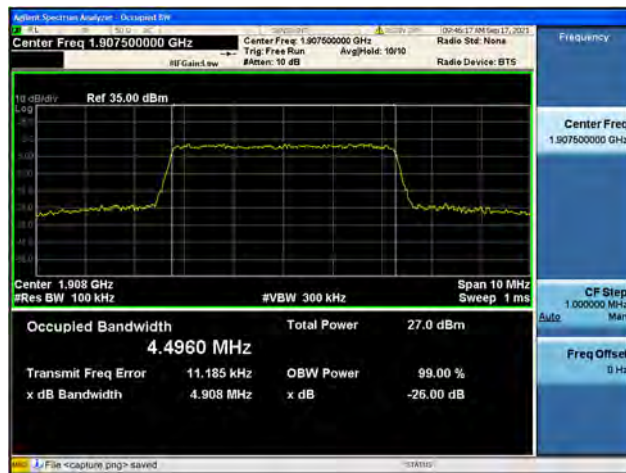
Band2 / 5MHz / High CH / QPSK



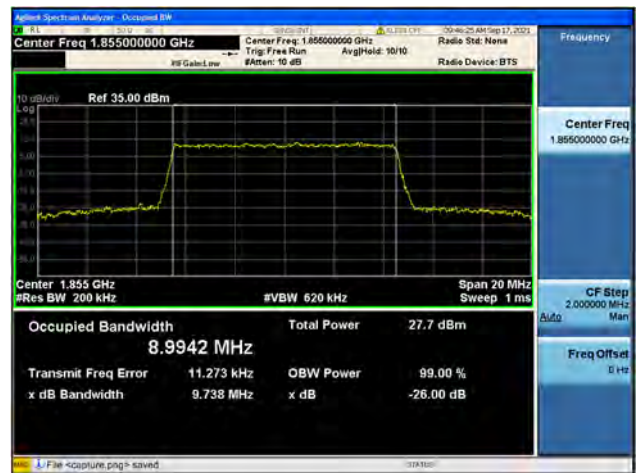
Band2 / 5MHz / High CH / 16QAM



Band2 / 5MHz / High CH / 64QAM



Band2 / 10MHz / Low CH / QPSK



Band2 / 10MHz / Low CH / 16QAM

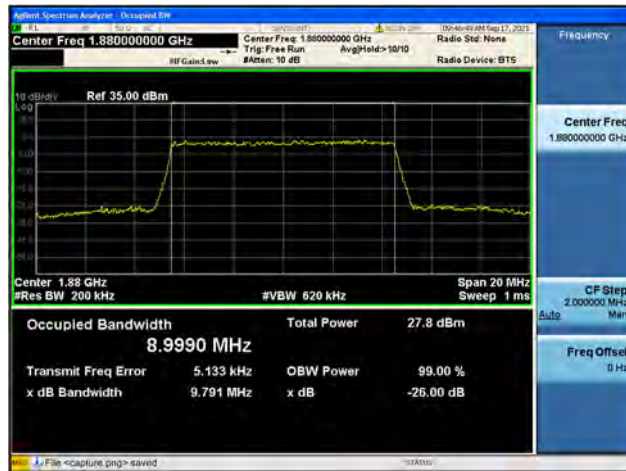


Band2 / 10MHz / Low CH / 64QAM





Band2 / 10MHz / Mid CH / QPSK



Band2 / 10MHz / Mid CH / 16QAM



Band2 / 10MHz / Mid CH / 64QAM



Band2 / 10MHz / High CH / QPSK



Band2 / 10MHz / High CH / 16QAM

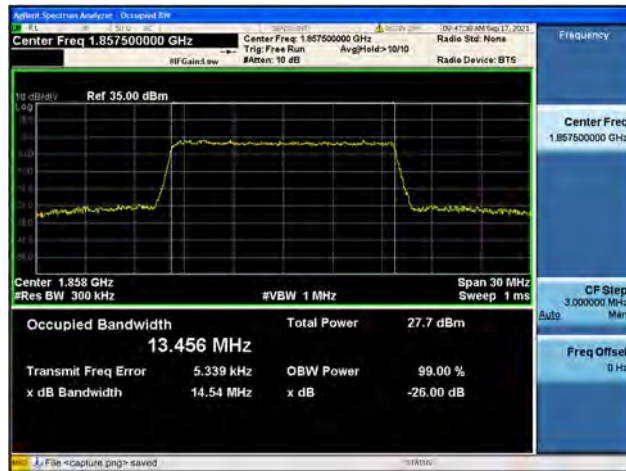


Band2 / 10MHz / High CH / 64QAM

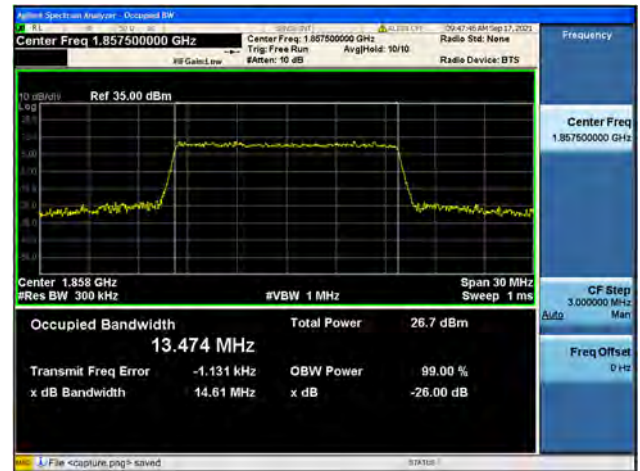




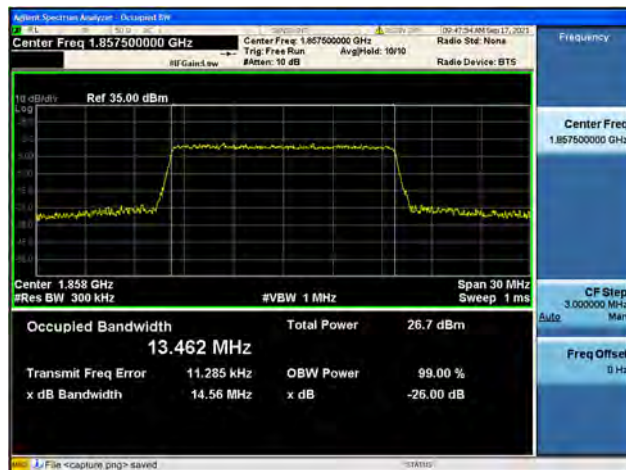
Band2 / 15MHz / Low CH / QPSK



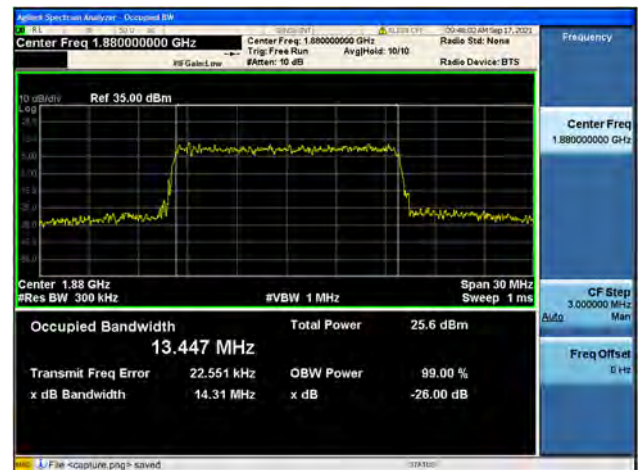
Band2 / 15MHz / Low CH / 16QAM



Band2 / 15MHz / Low CH / 64QAM



Band2 / 15MHz / Mid CH / QPSK



Band2 / 15MHz / Mid CH / 16QAM

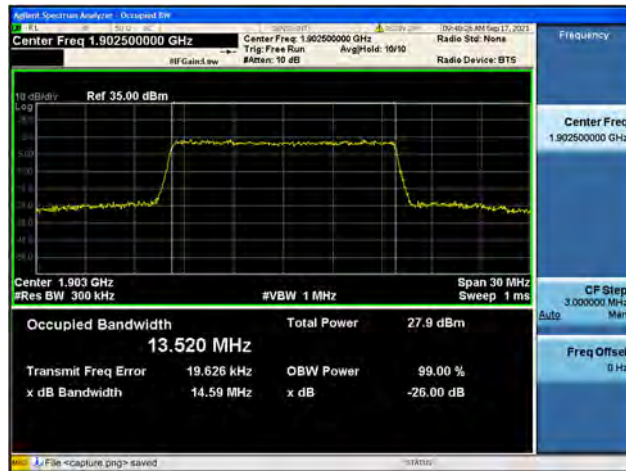


Band2 / 15MHz / Mid CH / 64QAM

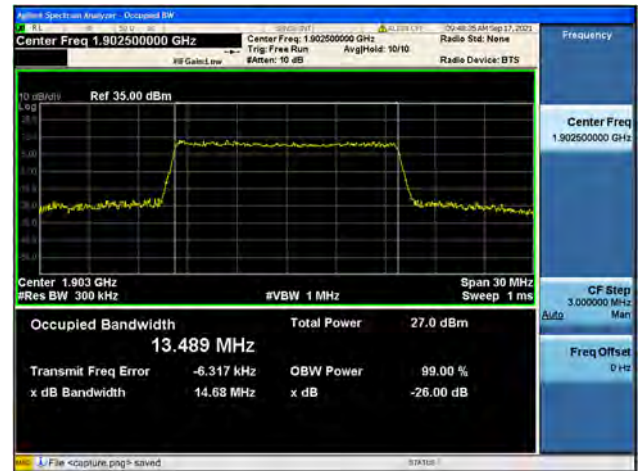




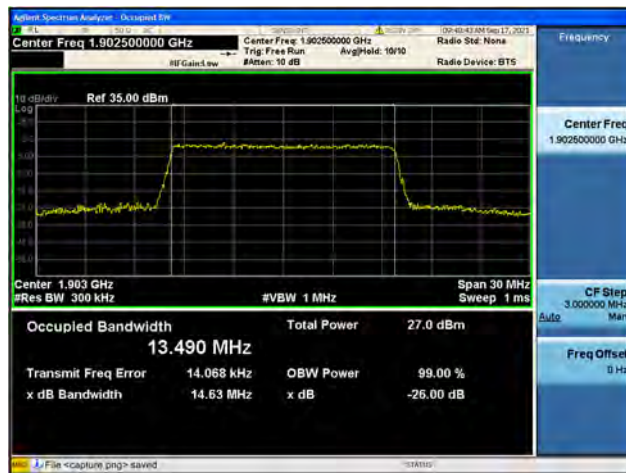
Band2 / 15MHz / High CH / QPSK



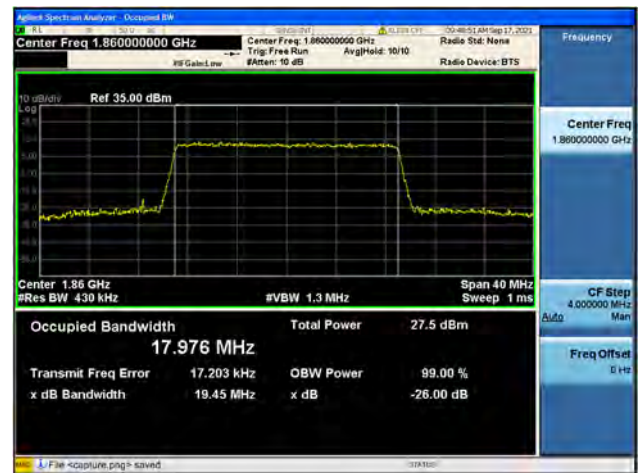
Band2 / 15MHz / High CH / 16QAM



Band2 / 15MHz / High CH / 64QAM



Band2 / 20MHz / Low CH / QPSK



Band2 / 20MHz / Low CH / 16QAM

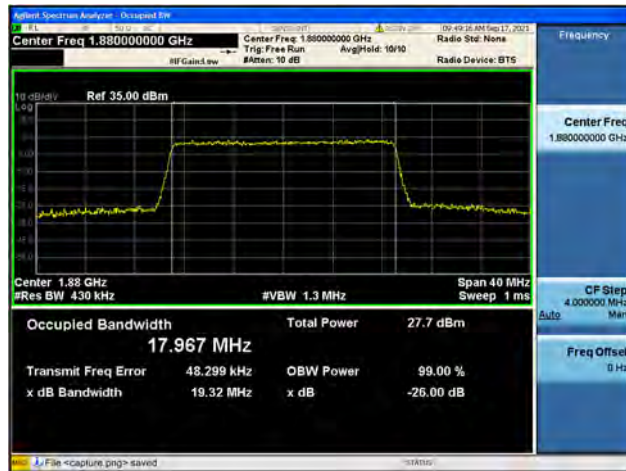


Band2 / 20MHz / Low CH / 64QAM

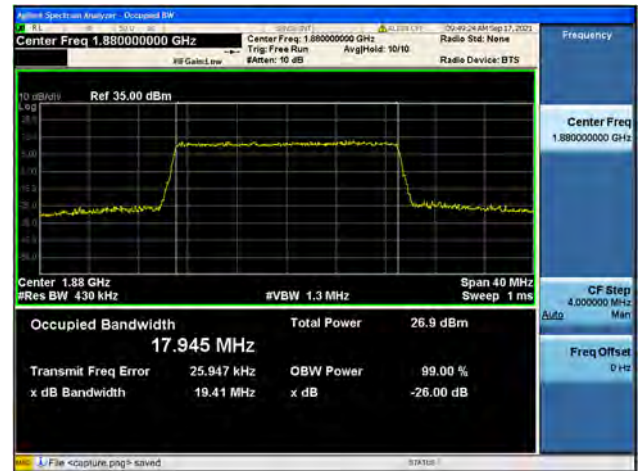




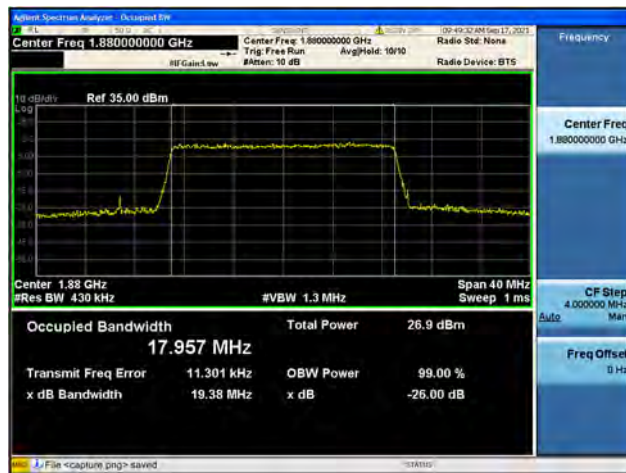
Band2 / 20MHz / Mid CH / QPSK



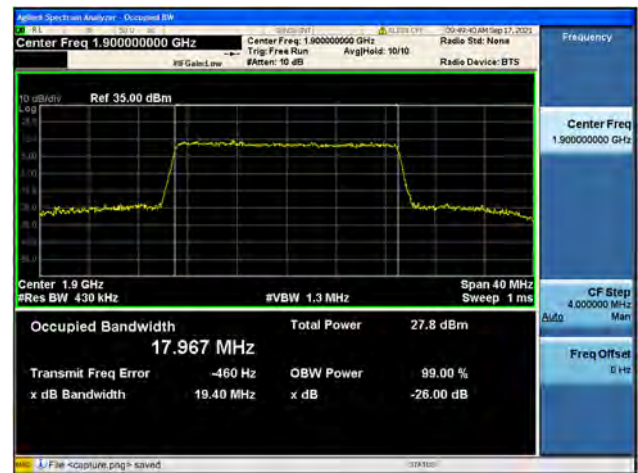
Band2 / 20MHz / Mid CH / 16QAM



Band2 / 20MHz / Mid CH / 64QAM



Band2 / 20MHz / High CH / QPSK



Band2 / 20MHz / High CH / 16QAM

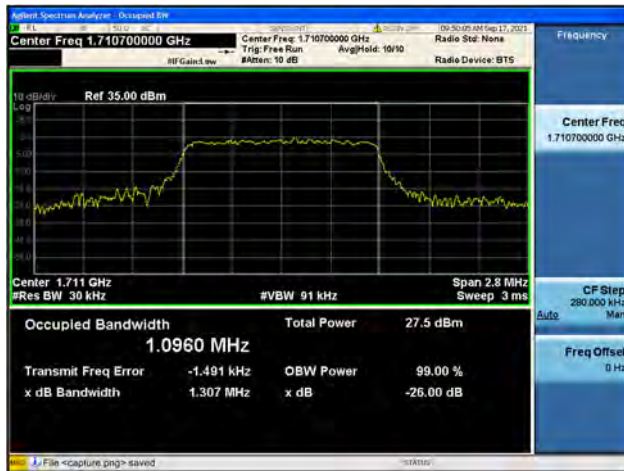


Band2 / 20MHz / High CH / 64QAM

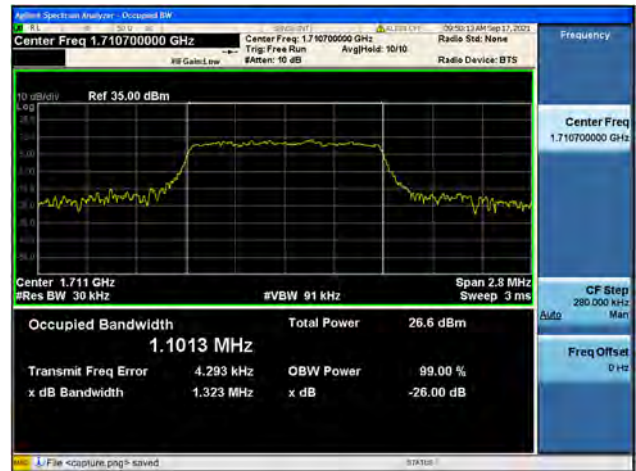




Band4 / 1.4MHz / Low CH / QPSK



Band4 / 1.4MHz / Low CH / 16QAM



Band4 / 1.4MHz / Low CH / 64QAM



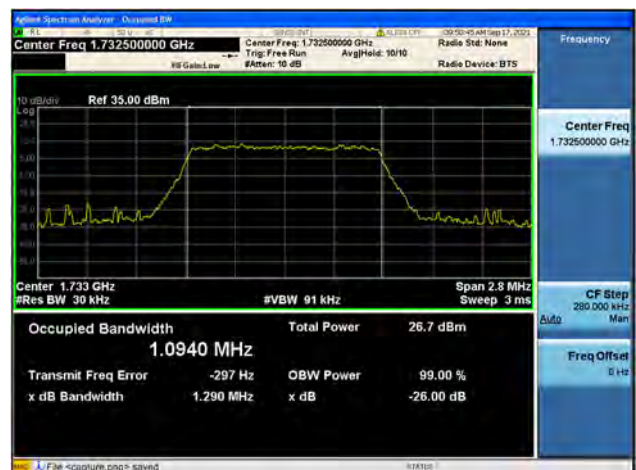
Band4 / 1.4MHz / Mid CH / QPSK



Band4 / 1.4MHz / Mid CH / 16QAM

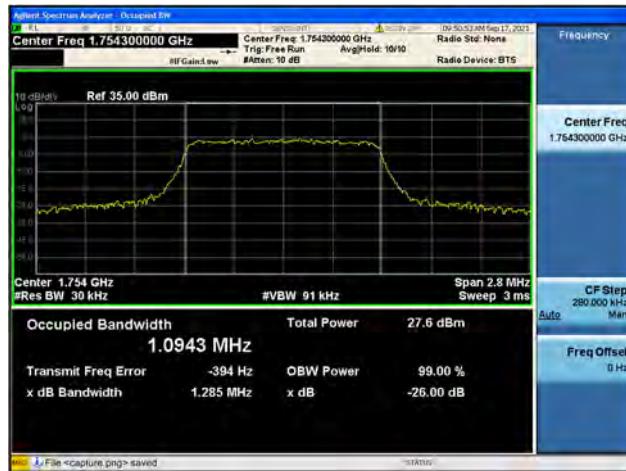


Band4 / 1.4MHz / Mid CH / 64QAM

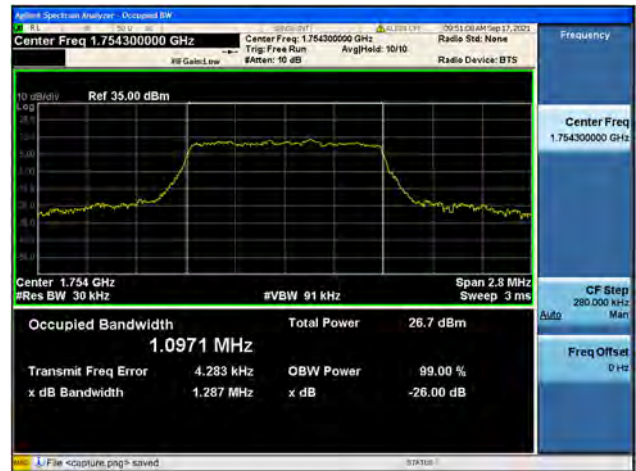




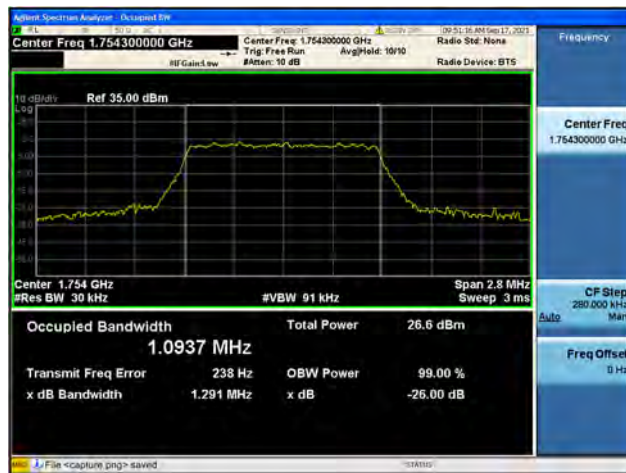
Band4 / 1.4MHz / High CH / QPSK



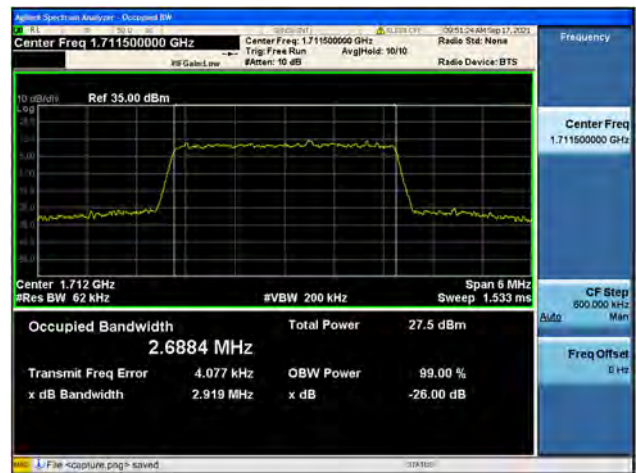
Band4 / 1.4MHz / High CH / 16QAM



Band4 / 1.4MHz / High CH / 64QAM



Band4 / 3MHz / Low CH / QPSK



Band4 / 3MHz / Low CH / 16QAM

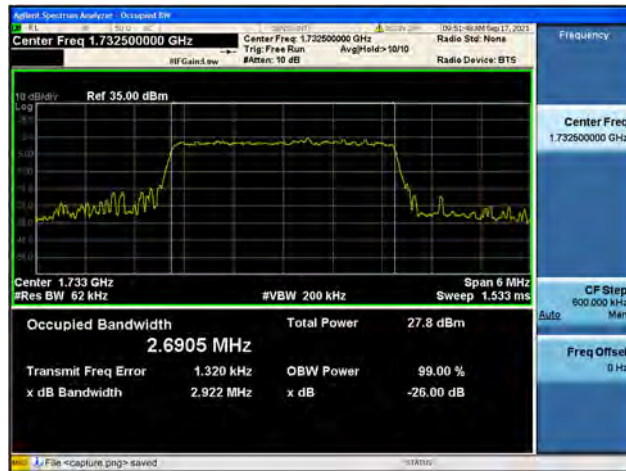


Band4 / 3MHz / Low CH / 64QAM

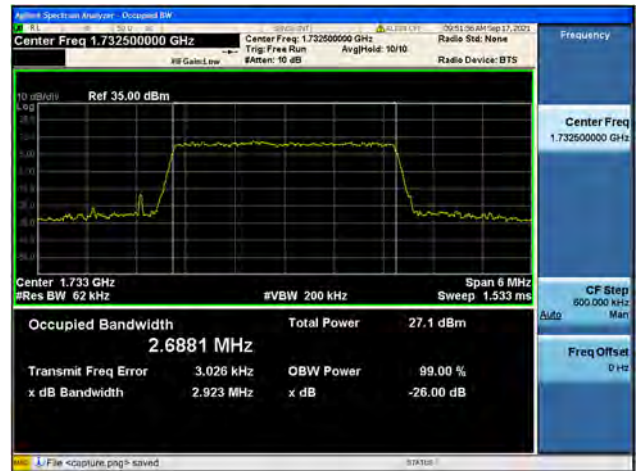




Band4 / 3MHz / Mid CH / QPSK



Band4 / 3MHz / Mid CH / 16QAM



Band4 / 3MHz / Mid CH / 64QAM



Band4 / 3MHz / High CH / QPSK



Band4 / 3MHz / High CH / 16QAM

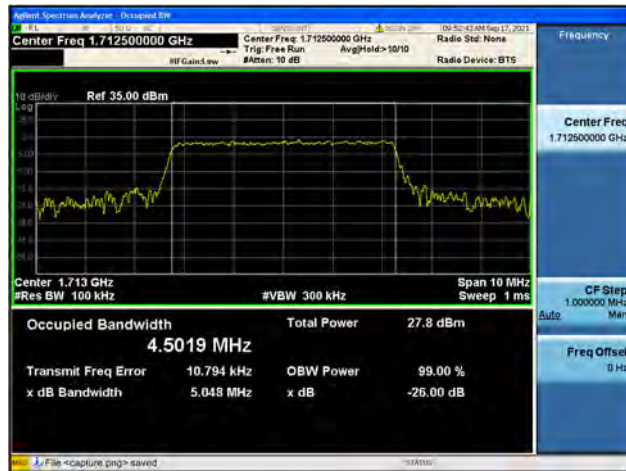


Band4 / 3MHz / High CH / 64QAM

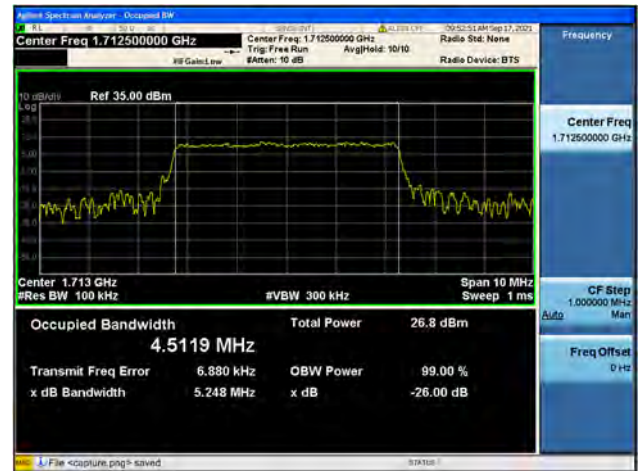




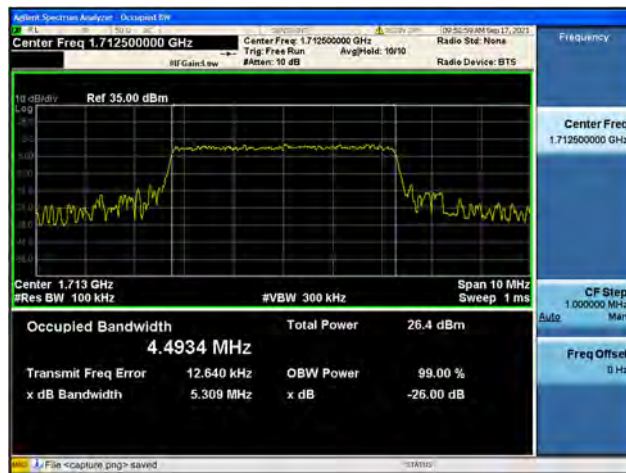
Band4 / 5MHz / Low CH / QPSK



Band4 / 5MHz / Low CH / 16QAM



Band4 / 5MHz / Low CH / 64QAM



Band4 / 5MHz / Mid CH / QPSK



Band4 / 5MHz / Mid CH / 16QAM

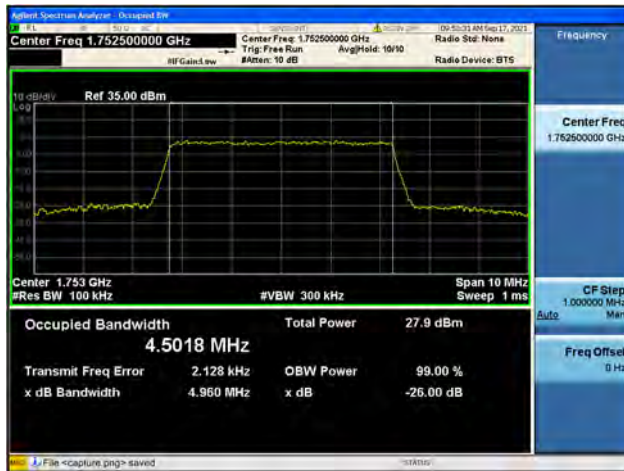


Band4 / 5MHz / Mid CH / 64QAM





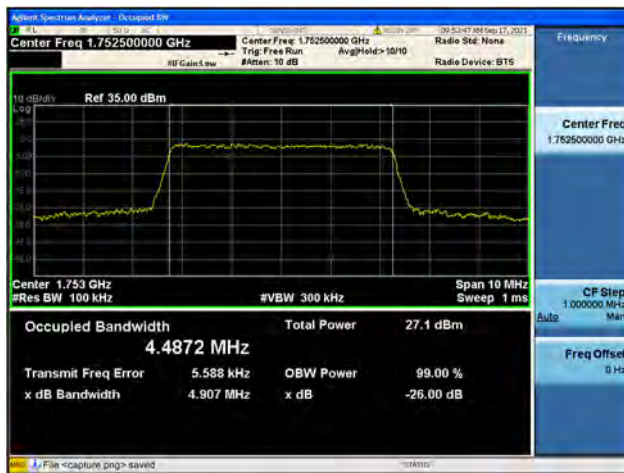
Band4 / 5MHz / High CH / QPSK



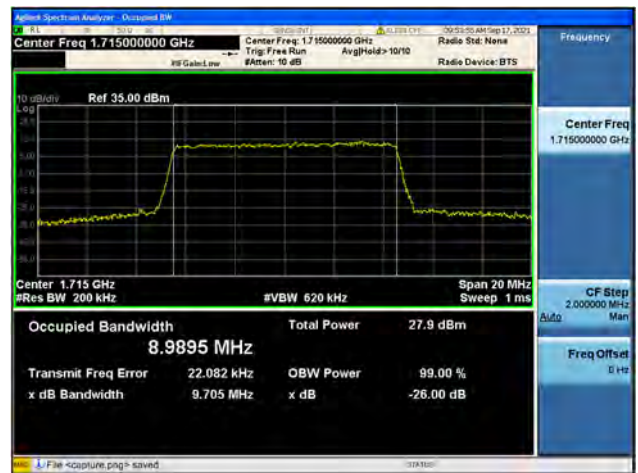
Band4 / 5MHz / High CH / 16QAM



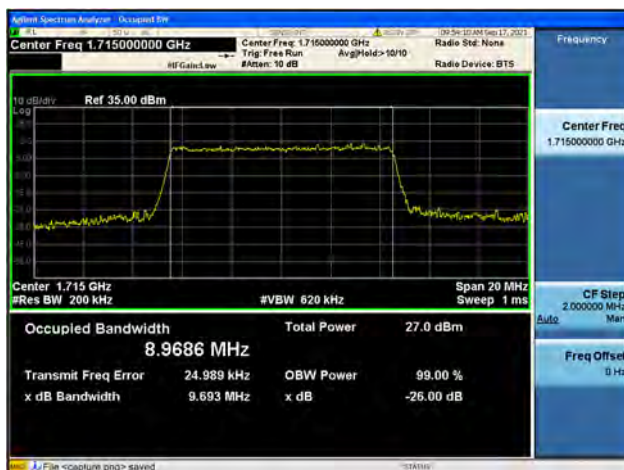
Band4 / 5MHz / High CH / 64QAM



Band4 / 10MHz / Low CH / QPSK



Band4 / 10MHz / Low CH / 16QAM

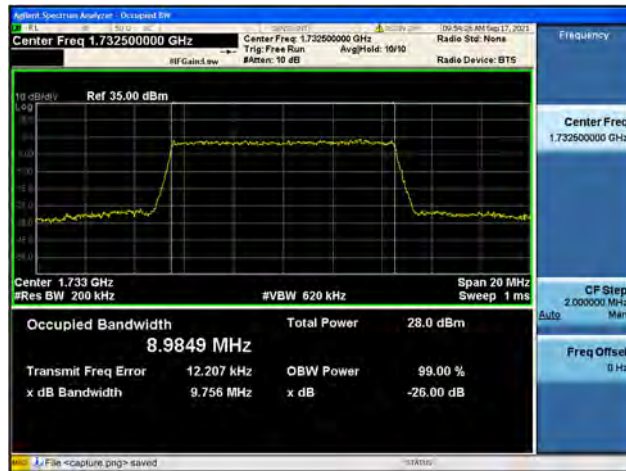


Band4 / 10MHz / Low CH / 64QAM





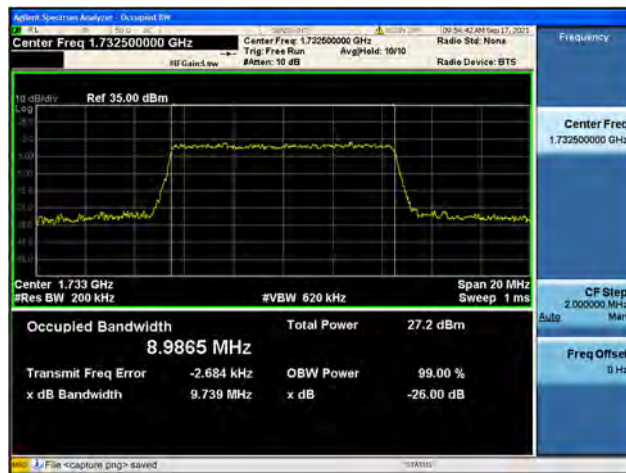
Band4 / 10MHz / Mid CH / QPSK



Band4 / 10MHz / Mid CH / 16QAM



Band4 / 10MHz / Mid CH / 64QAM



Band4 / 10MHz / High CH / QPSK



Band4 / 10MHz / High CH / 16QAM

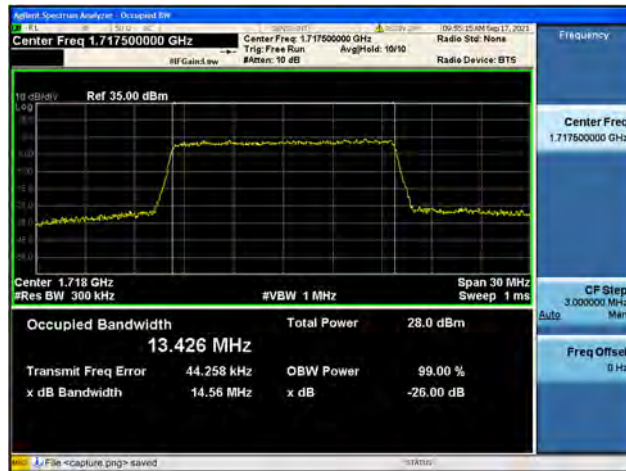


Band4 / 10MHz / High CH / 64QAM

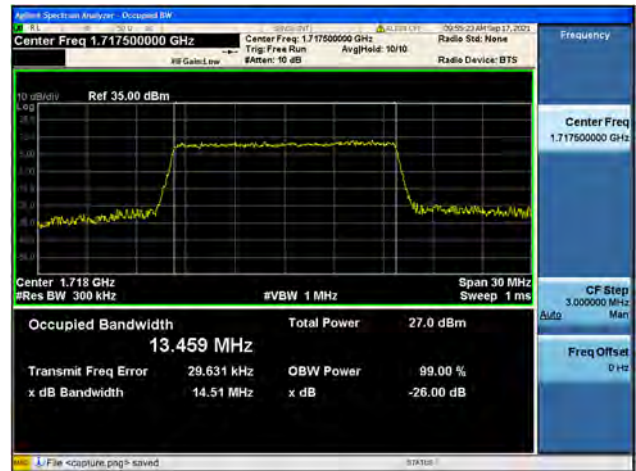




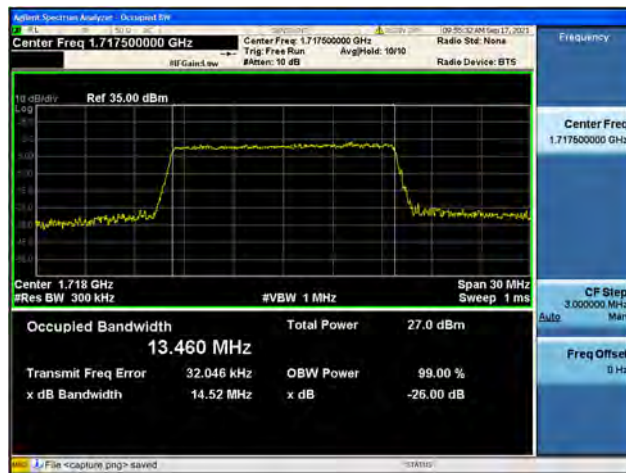
Band4 / 15MHz / Low CH / QPSK



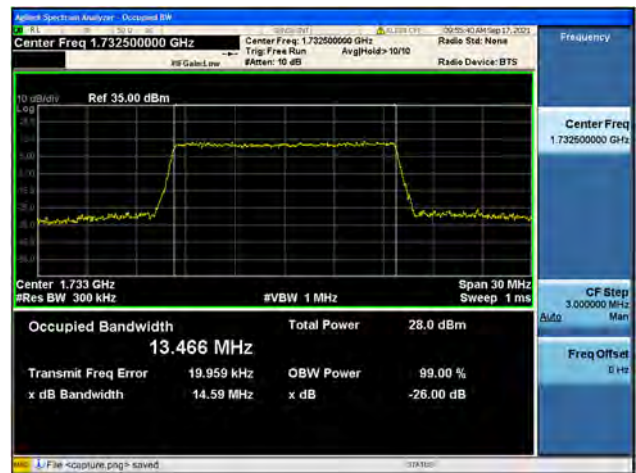
Band4 / 15MHz / Low CH / 16QAM



Band4 / 15MHz / Low CH / 64QAM



Band4 / 15MHz / Mid CH / QPSK



Band4 / 15MHz / Mid CH / 16QAM

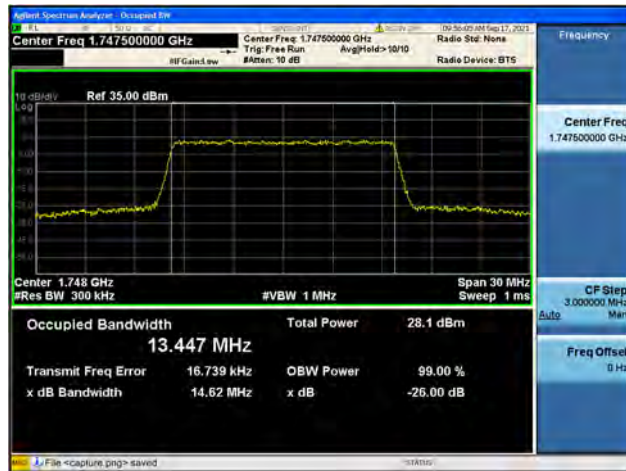


Band4 / 15MHz / Mid CH / 64QAM

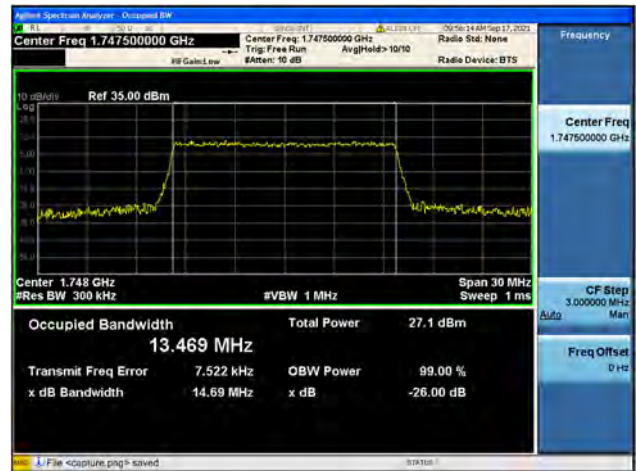




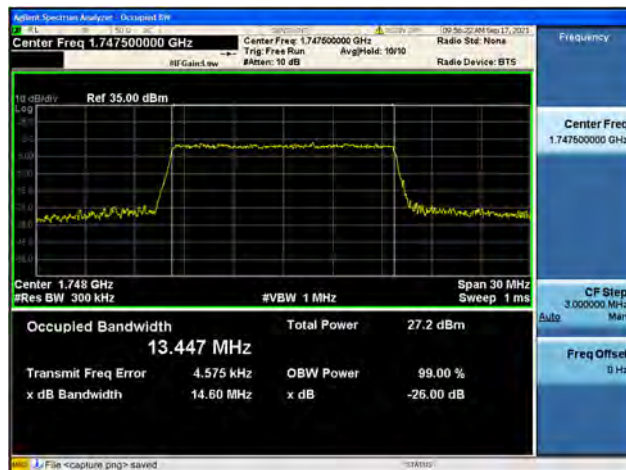
Band4 / 15MHz / High CH / QPSK



Band4 / 15MHz / High CH / 16QAM



Band4 / 15MHz / High CH / 64QAM



Band4 / 20MHz / Low CH / QPSK



Band4 / 20MHz / Low CH / 16QAM

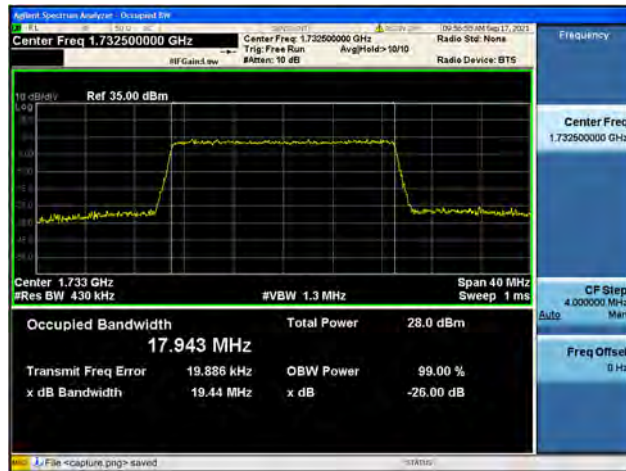


Band4 / 20MHz / Low CH / 64QAM

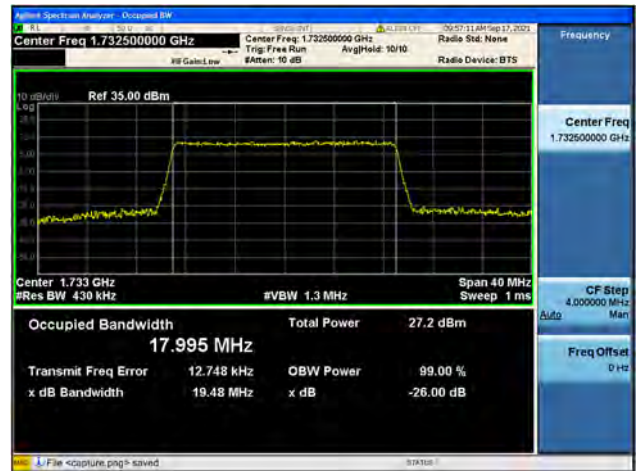




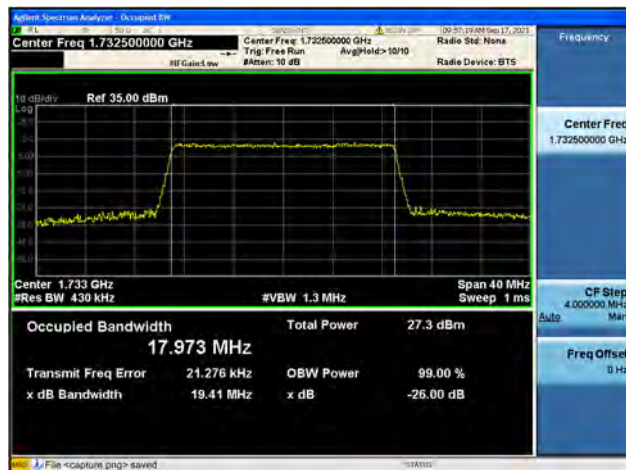
Band4 / 20MHz / Mid CH / QPSK



Band4 / 20MHz / Mid CH / 16QAM



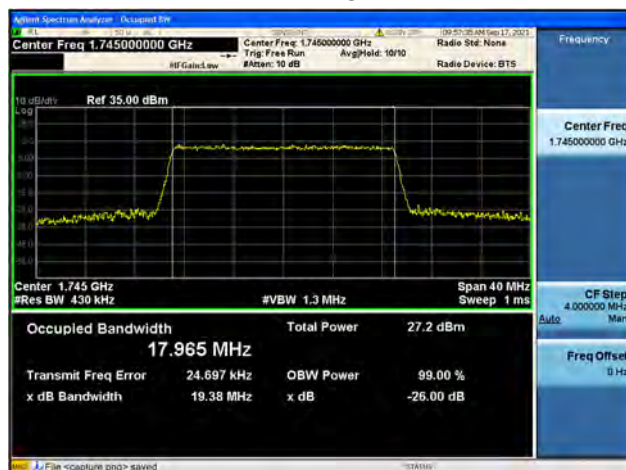
Band4 / 20MHz / Mid CH / 64QAM



Band4 / 20MHz / High CH / QPSK



Band4 / 20MHz / High CH / 16QAM

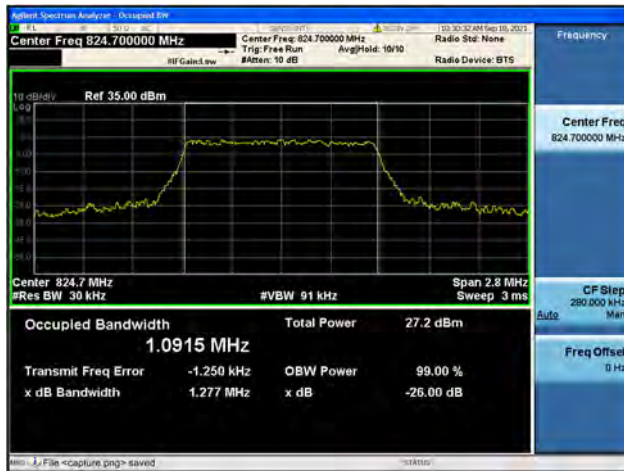


Band4 / 20MHz / High CH / 64QAM

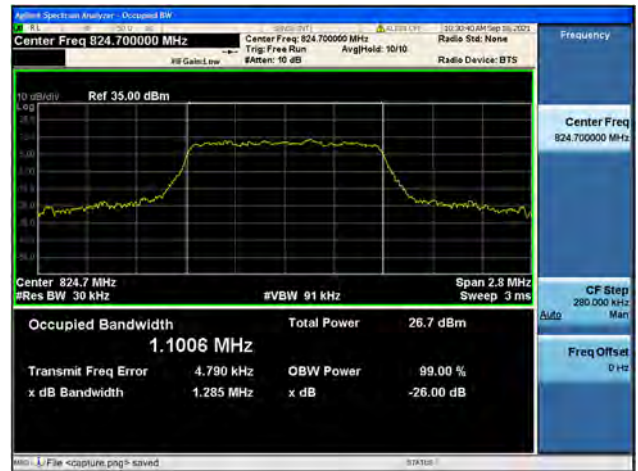




Band5 / 1.4MHz / Low CH / QPSK



Band5 / 1.4MHz / Low CH / 16QAM



Band5 / 1.4MHz / Low CH / 64QAM



Band5 / 1.4MHz / Mid CH / QPSK



Band5 / 1.4MHz / Mid CH / 16QAM

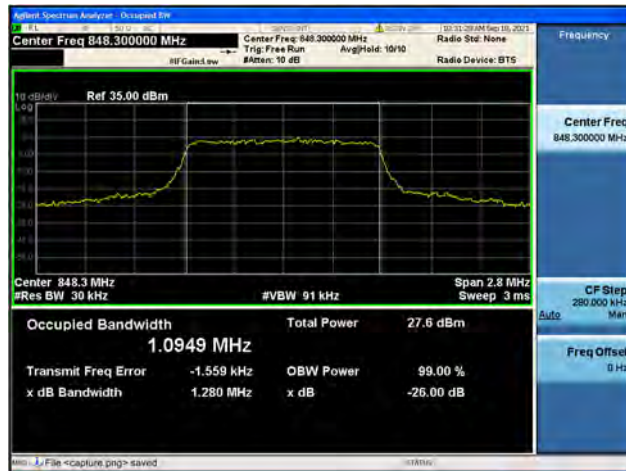


Band5 / 1.4MHz / Mid CH / 64QAM

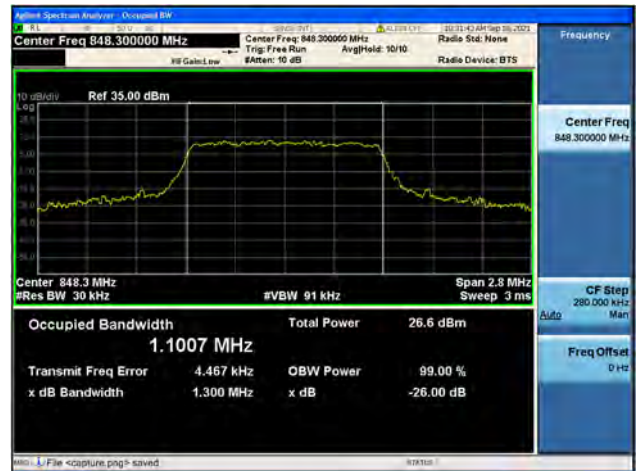




Band5 / 1.4MHz / High CH / QPSK



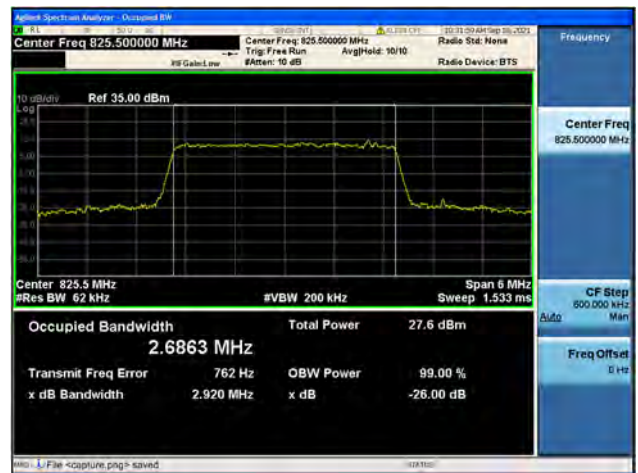
Band5 / 1.4MHz / High CH / 16QAM



Band5 / 1.4MHz / High CH / 64QAM



Band5 / 3MHz / Low CH / QPSK



Band5 / 3MHz / Low CH / 16QAM

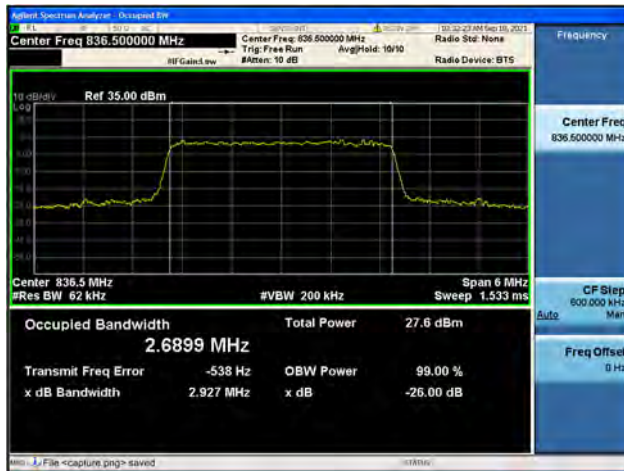


Band5 / 3MHz / Low CH / 64QAM





Band5 / 3MHz / Mid CH / QPSK



Band5 / 3MHz / Mid CH / 16QAM



Band5 / 3MHz / Mid CH / 64QAM



Band5 / 3MHz / High CH / QPSK



Band5 / 3MHz / High CH / 16QAM

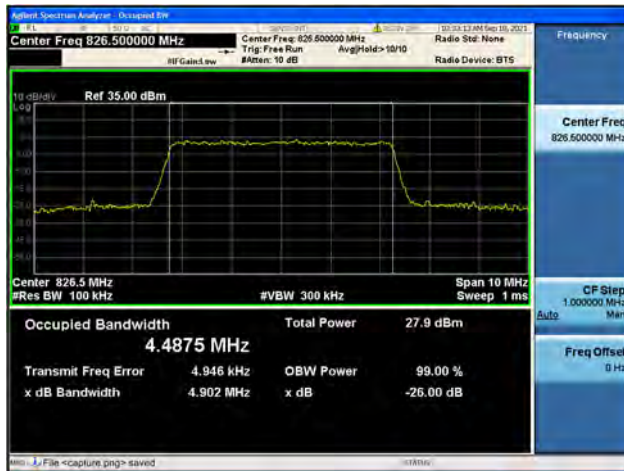


Band5 / 3MHz / High CH / 64QAM

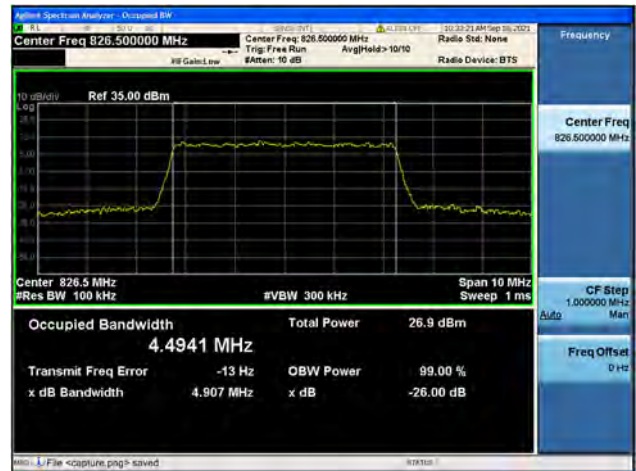




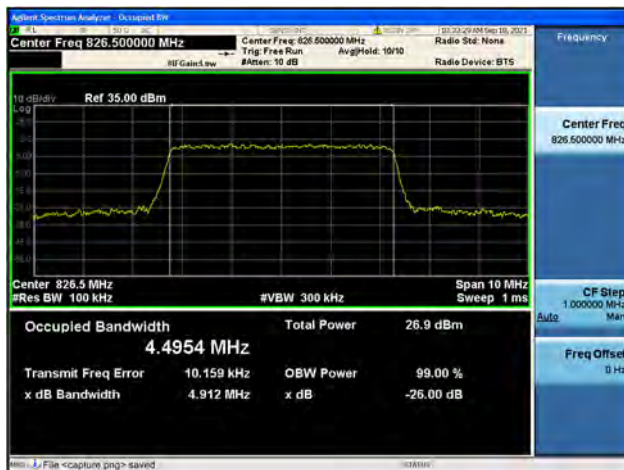
Band5 / 5MHz / Low CH / QPSK



Band5 / 5MHz / Low CH / 16QAM



Band5 / 5MHz / Low CH / 64QAM



Band5 / 5MHz / Mid CH / QPSK



Band5 / 5MHz / Mid CH / 16QAM

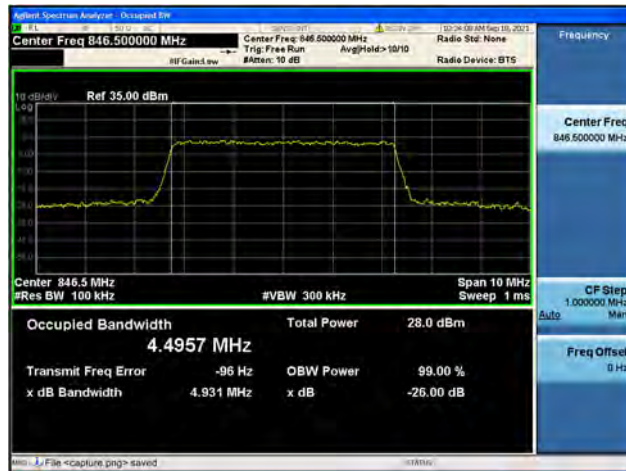


Band5 / 5MHz / Mid CH / 64QAM





Band5 / 5MHz / High CH / QPSK



Band5 / 5MHz / High CH / 16QAM



Band5 / 5MHz / High CH / 64QAM



Band5 / 10MHz / Low CH / QPSK



Band5 / 10MHz / Low CH / 16QAM

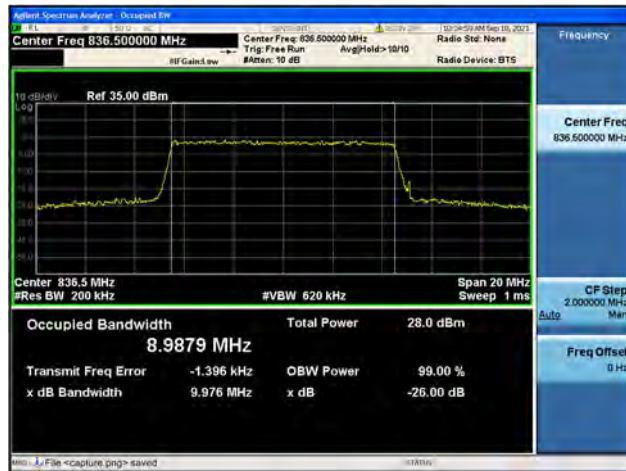


Band5 / 10MHz / Low CH / 64QAM

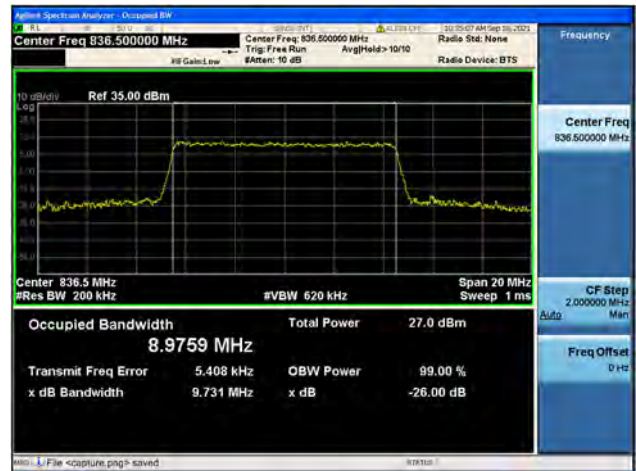




Band5 / 10MHz / Mid CH / QPSK



Band5 / 10MHz / Mid CH / 16QAM



Band5 / 10MHz / Mid CH / 64QAM



Band5 / 10MHz / High CH / QPSK



Band5 / 10MHz / High CH / 16QAM

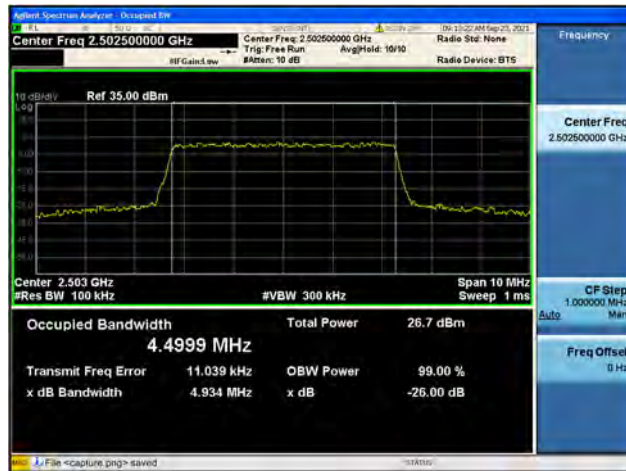


Band5 / 10MHz / High CH / 64QAM





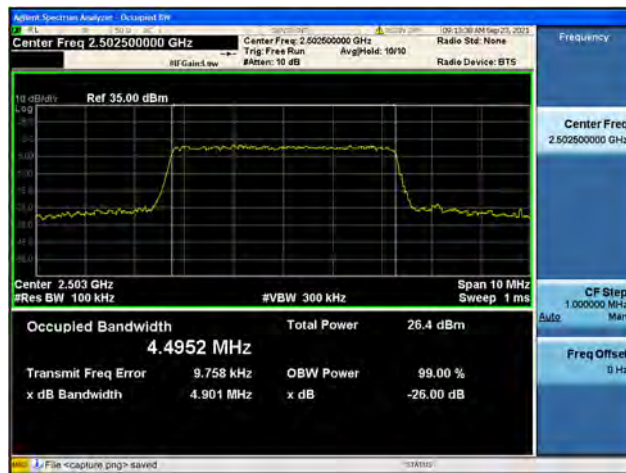
Band7 / 5MHz / Low CH / QPSK



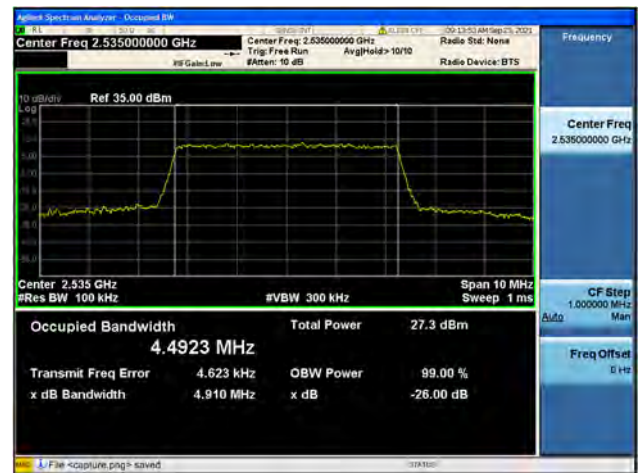
Band7 / 5MHz / Low CH / 16QAM



Band7 / 5MHz / Low CH / 64QAM



Band7 / 5MHz / Mid CH / QPSK



Band7 / 5MHz / Mid CH / 16QAM

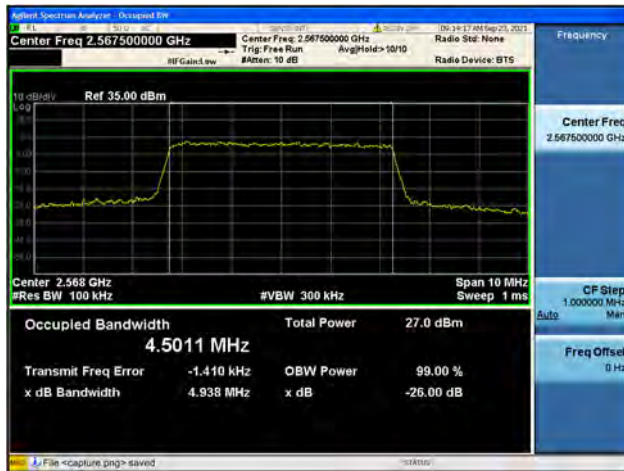


Band7 / 5MHz / Mid CH / 64QAM





Band7 / 5MHz / High CH / QPSK



Band7 / 5MHz / High CH / 16QAM



Band7 / 5MHz / High CH / 64QAM



Band7 / 10MHz / Low CH / QPSK



Band7 / 10MHz / Low CH / 16QAM

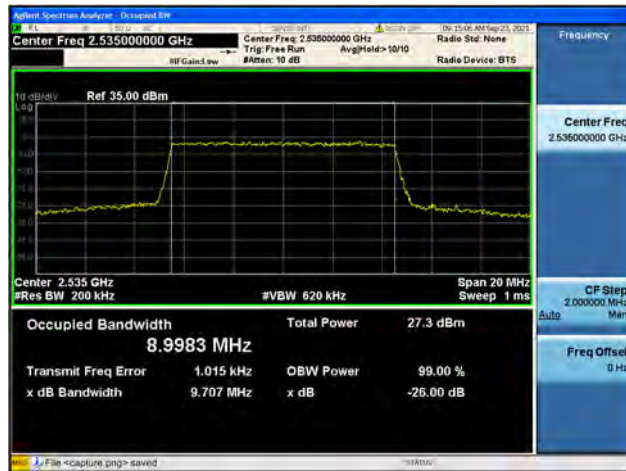


Band7 / 10MHz / Low CH / 64QAM





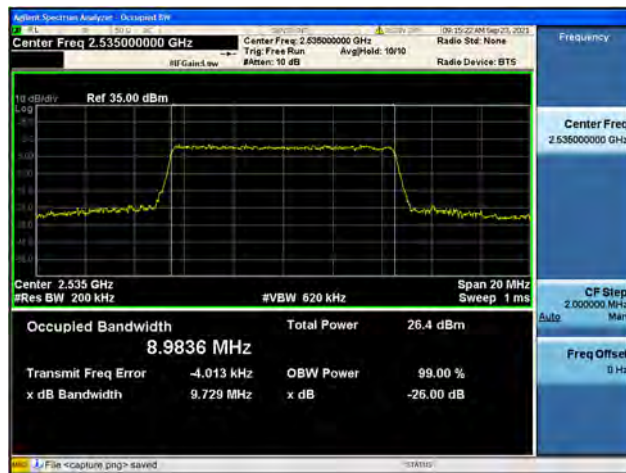
Band7 / 10MHz / Mid CH / QPSK



Band7 / 10MHz / Mid CH / 16QAM



Band7 / 10MHz / Mid CH / 64QAM



Band7 / 10MHz / High CH / QPSK



Band7 / 10MHz / High CH / 16QAM

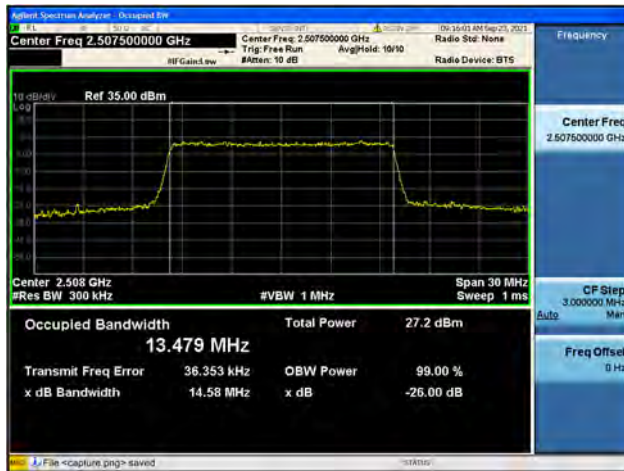


Band7 / 10MHz / High CH / 64QAM





Band7 / 15MHz / Low CH / QPSK



Band7 / 15MHz / Low CH / 16QAM



Band7 / 15MHz / Low CH / 64QAM



Band7 / 15MHz / Mid CH / QPSK



Band7 / 15MHz / Mid CH / 16QAM

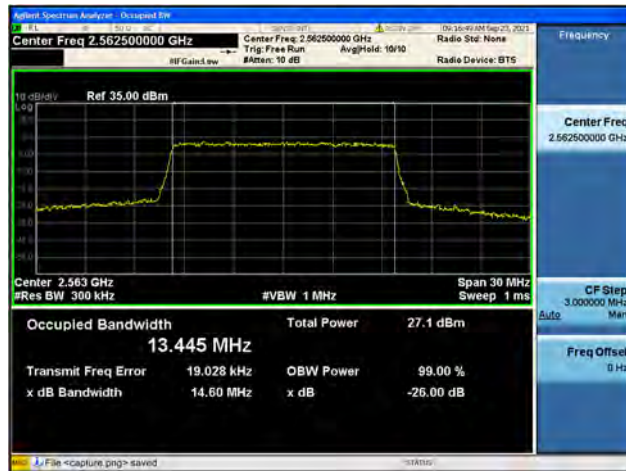


Band7 / 15MHz / Mid CH / 64QAM





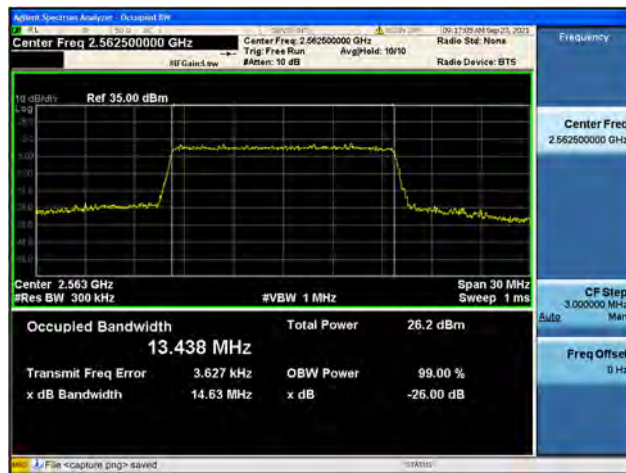
Band7 / 15MHz / High CH / QPSK



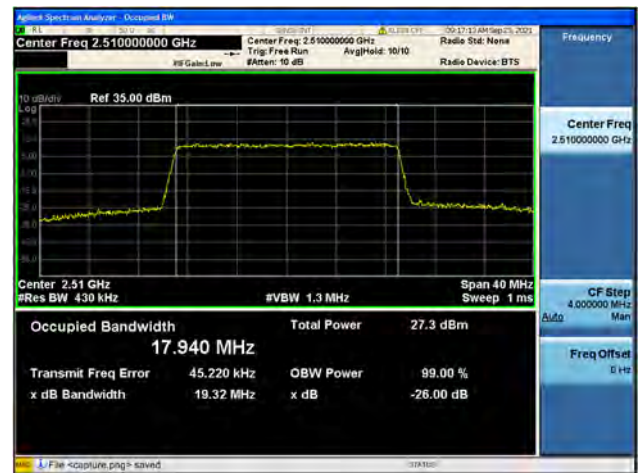
Band7 / 15MHz / High CH / 16QAM



Band7 / 15MHz / High CH / 64QAM



Band7 / 20MHz / Low CH / QPSK



Band7 / 20MHz / Low CH / 16QAM

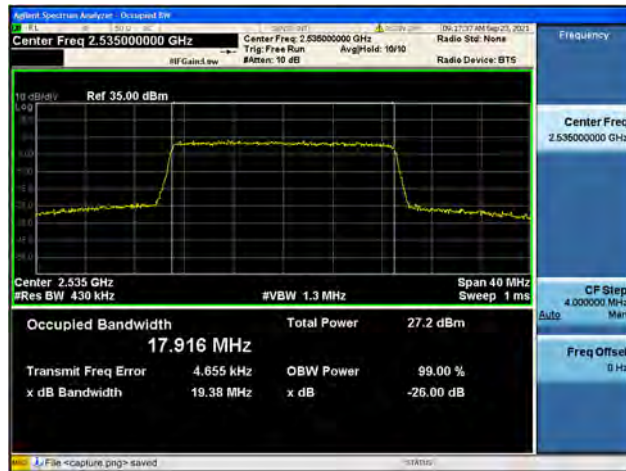


Band7 / 20MHz / Low CH / 64QAM





Band7 / 20MHz / Mid CH / QPSK



Band7 / 20MHz / Mid CH / 16QAM



Band7 / 20MHz / Mid CH / 64QAM



Band7 / 20MHz / High CH / QPSK



Band7 / 20MHz / High CH / 16QAM



Band7 / 20MHz / High CH / 64QAM





Band26 / 1.4MHz / Low CH / QPSK



Band26 / 1.4MHz / Low CH / 16QAM



Band26 / 1.4MHz / Low CH / 64QAM



Band26 / 1.4MHz / Mid CH / QPSK



Band26 / 1.4MHz / Mid CH / 16QAM



Band26 / 1.4MHz / Mid CH / 64QAM





Band26 / 1.4MHz / High CH / QPSK



Band26 / 1.4MHz / High CH / 16QAM



Band26 / 1.4MHz / High CH / 64QAM



Band26 / 3MHz / Low CH / QPSK



Band26 / 3MHz / Low CH / 16QAM



Band26 / 3MHz / Low CH / 64QAM





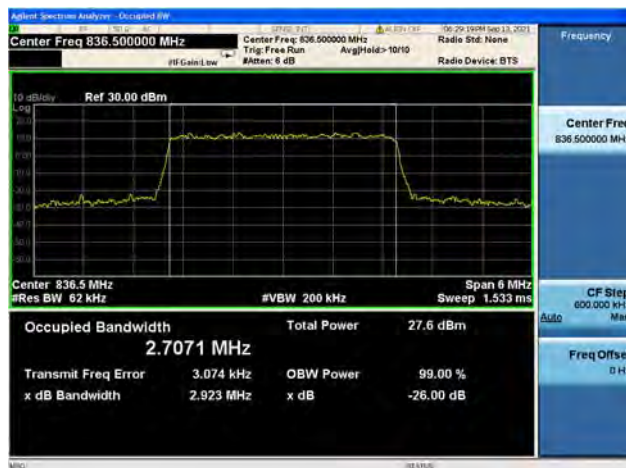
Band26 / 3MHz / Mid CH / QPSK



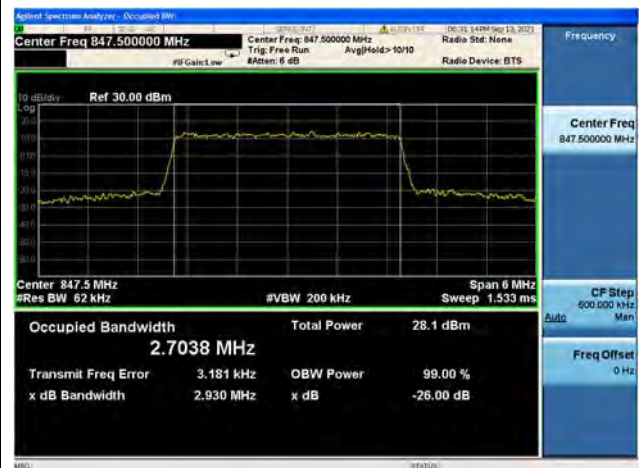
Band26 / 3MHz / Mid CH / 16QAM



Band26 / 3MHz / Mid CH / 64QAM



Band26 / 3MHz / High CH / QPSK



Band26 / 3MHz / High CH / 16QAM



Band26 / 3MHz / High CH / 64QAM





Band26 / 5MHz / Low CH / QPSK



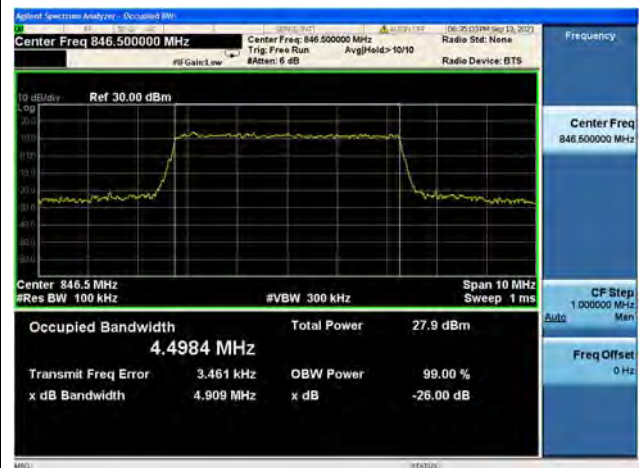
Band26 / 5MHz / Low CH / 16QAM



Band26 / 5MHz / Low CH / 64QAM



Band26 / 5MHz / Mid CH / QPSK



Band26 / 5MHz / Mid CH / 16QAM



Band26 / 5MHz / Mid CH / 64QAM





Band26 / 5MHz / High CH / QPSK



Band26 / 5MHz / High CH / 16QAM



Band26 / 5MHz / High CH / 64QAM



Band26 / 10MHz / Low CH / QPSK



Band26 / 10MHz / Low CH / 16QAM



Band26 / 10MHz / Low CH / 64QAM





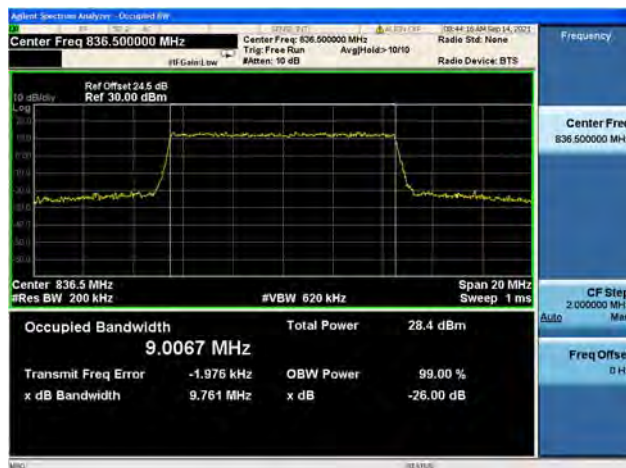
Band26 / 10MHz / Mid CH / QPSK



Band26 / 10MHz / Mid CH / 16QAM



Band26 / 10MHz / Mid CH / 64QAM



Band26 / 10MHz / High CH / QPSK



Band26 / 10MHz / High CH / 16QAM

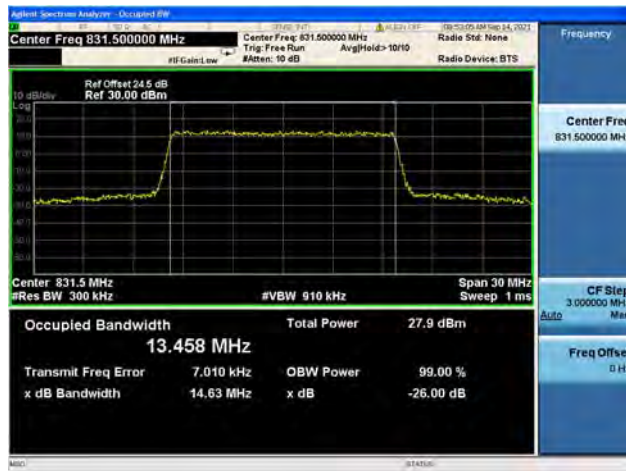


Band26 / 10MHz / High CH / 64QAM





Band26 / 15MHz / Low CH / QPSK



Band26 / 15MHz / Low CH / 16QAM



Band26 / 15MHz / Low CH / 64QAM



Band26 / 15MHz / Mid CH / QPSK



Band26 / 15MHz / Mid CH / 16QAM



Band26 / 15MHz / Mid CH / 64QAM





Band26 / 15MHz / High CH / QPSK



Band26 / 15MHz / High CH / 16QAM

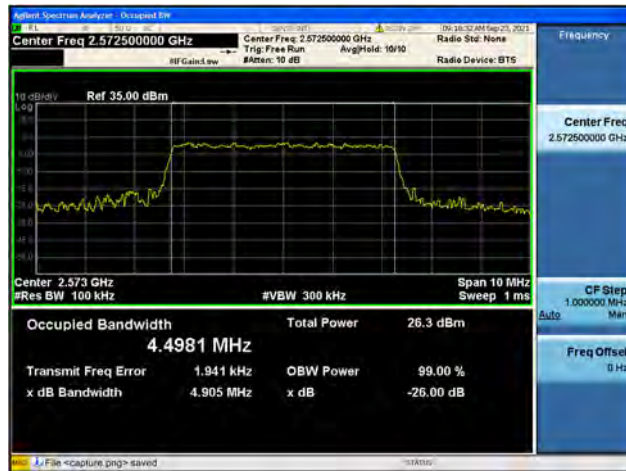


Band26 / 15MHz / High CH / 64QAM

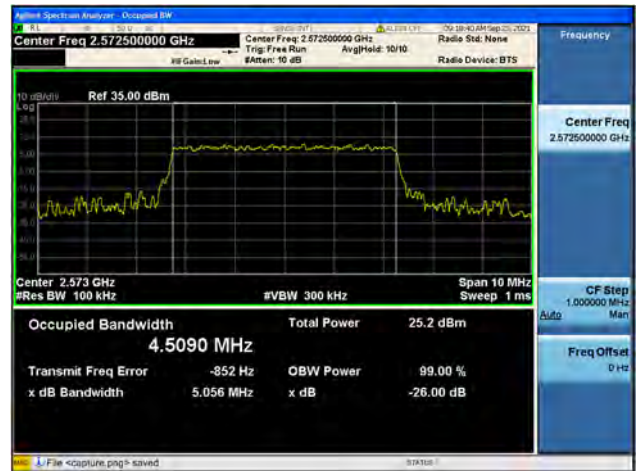




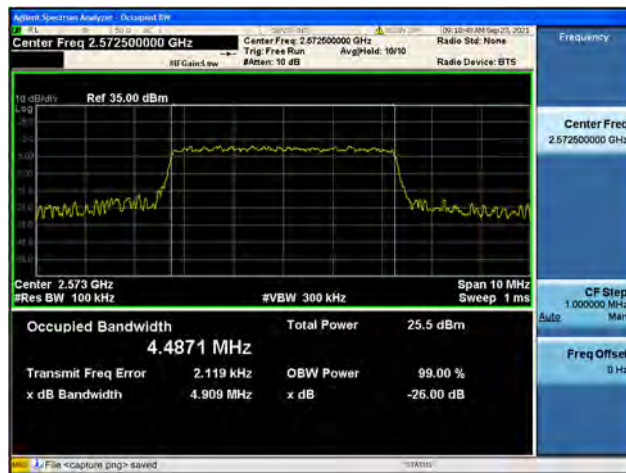
Band38 / 5MHz / Low CH / QPSK



Band38 / 5MHz / Low CH / 16QAM



Band38 / 5MHz / Low CH / 64QAM



Band38 / 5MHz / Mid CH / QPSK



Band38 / 5MHz / Mid CH / 16QAM

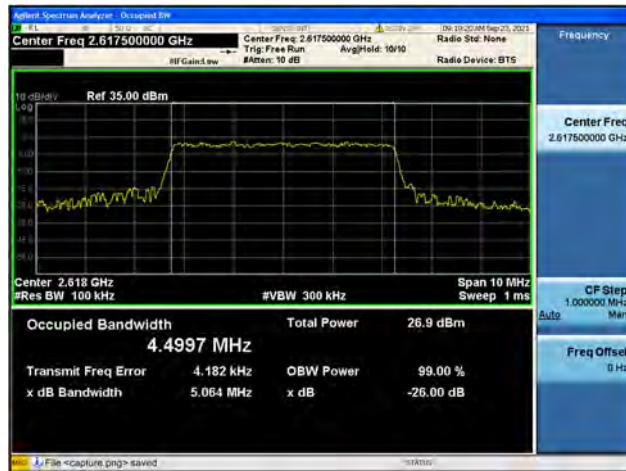


Band38 / 5MHz / Mid CH / 64QAM

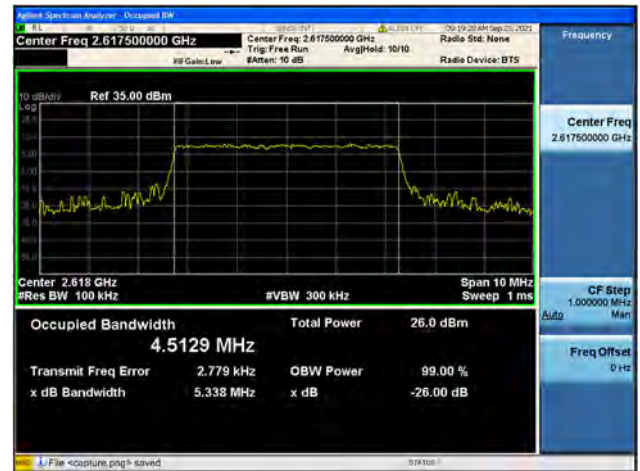




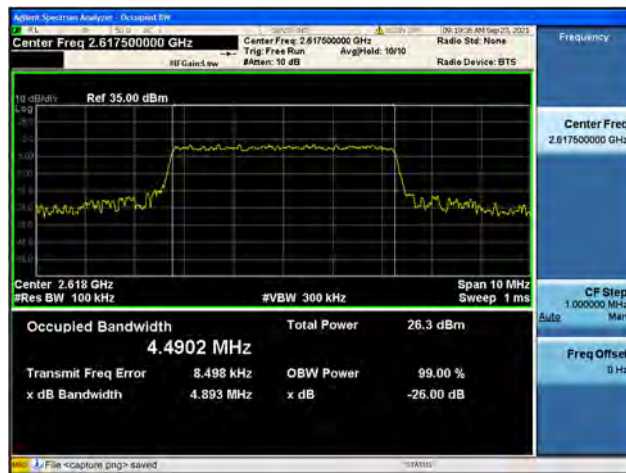
Band38 / 5MHz / High CH / QPSK



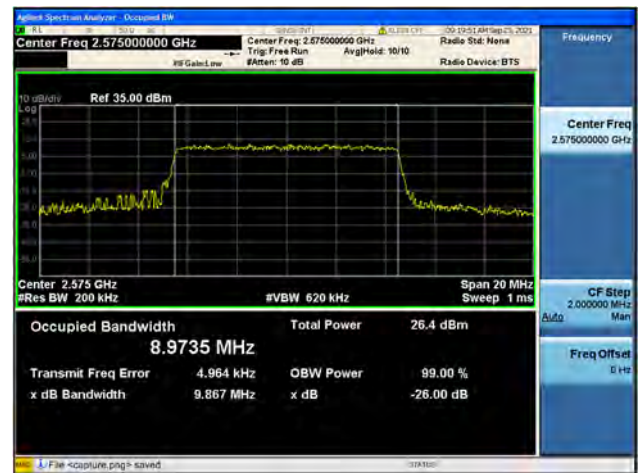
Band38 / 5MHz / High CH / 16QAM



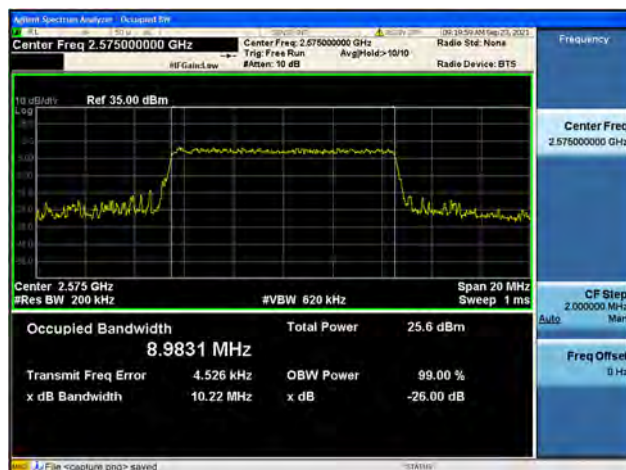
Band38 / 5MHz / High CH / 64QAM



Band38 / 10MHz / Low CH / QPSK



Band38 / 10MHz / Low CH / 16QAM

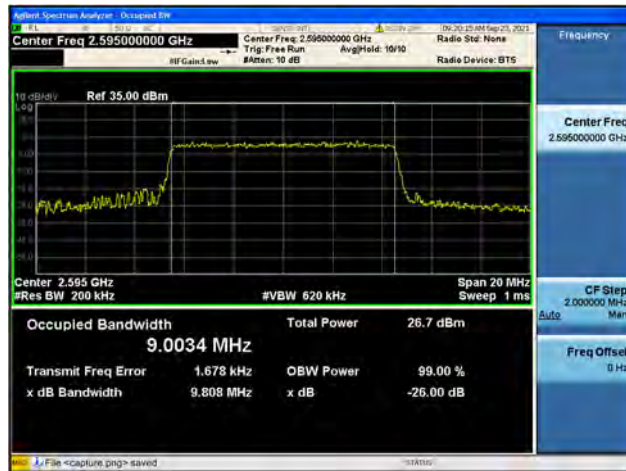


Band38 / 10MHz / Low CH / 64QAM

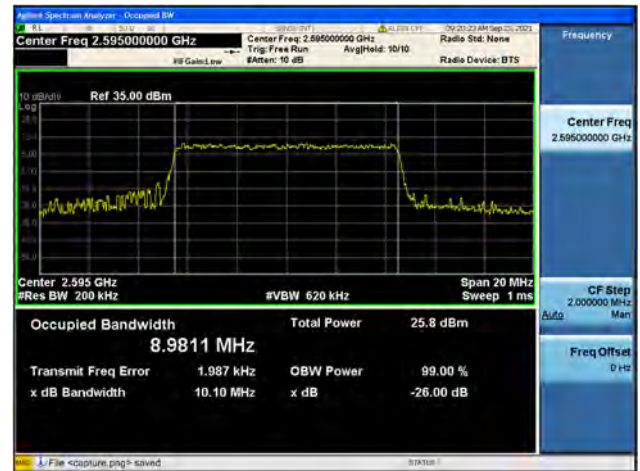




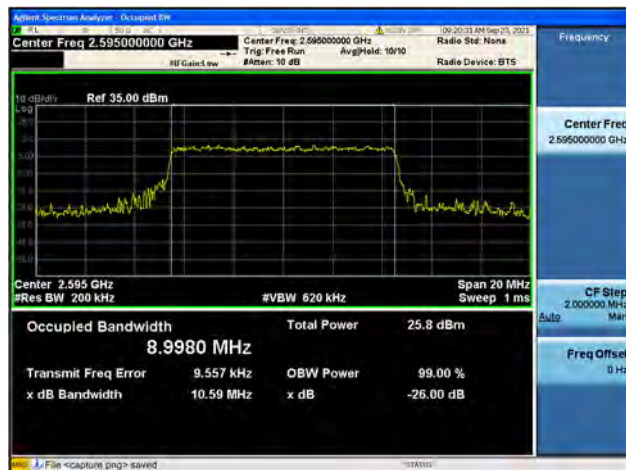
Band38 / 10MHz / Mid CH / QPSK



Band38 / 10MHz / Mid CH / 16QAM



Band38 / 10MHz / Mid CH / 64QAM



Band38 / 10MHz / High CH / QPSK



Band38 / 10MHz / High CH / 16QAM

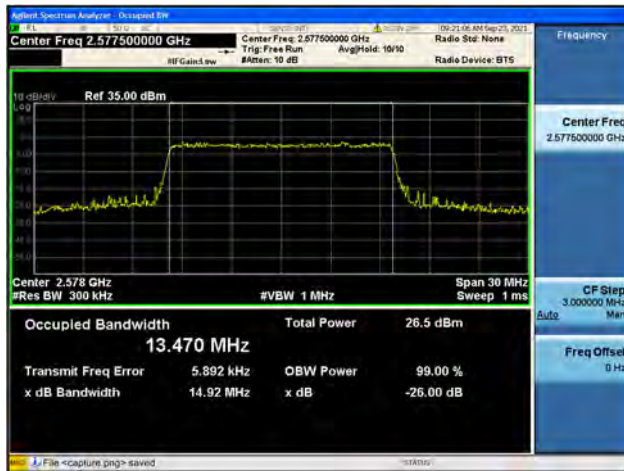


Band38 / 10MHz / High CH / 64QAM

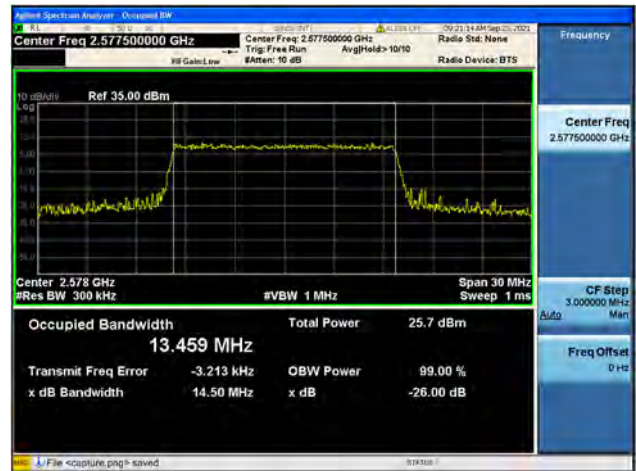




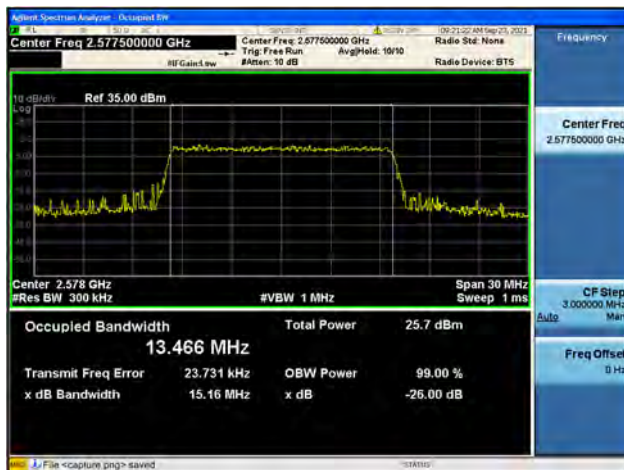
Band38 / 15MHz / Low CH / QPSK



Band38 / 15MHz / Low CH / 16QAM



Band38 / 15MHz / Low CH / 64QAM



Band38 / 15MHz / Mid CH / QPSK



Band38 / 15MHz / Mid CH / 16QAM

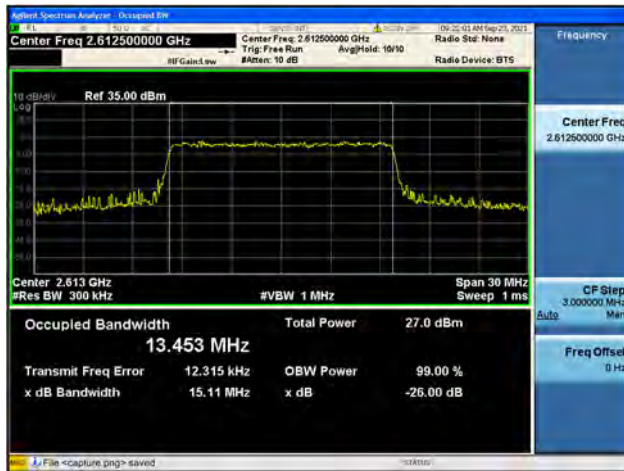


Band38 / 15MHz / Mid CH / 64QAM

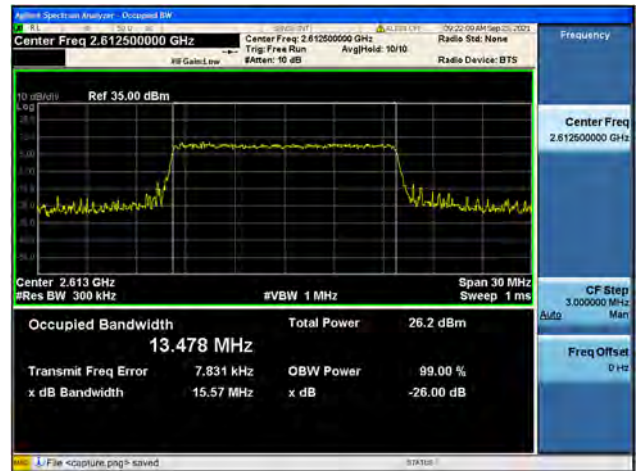




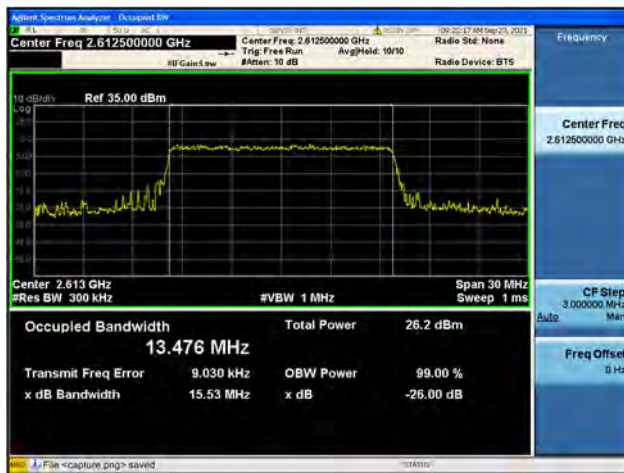
Band38 / 15MHz / High CH / QPSK



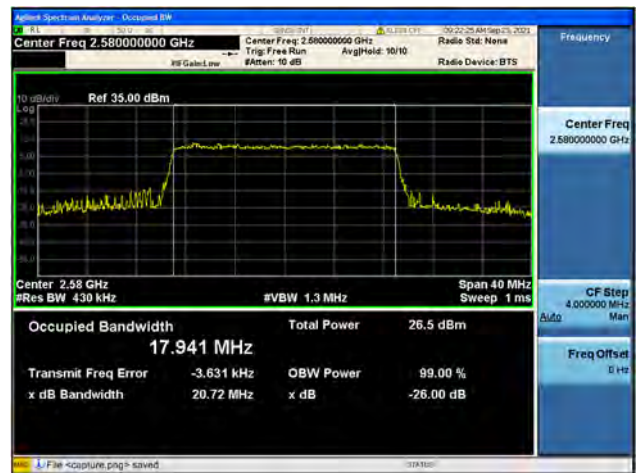
Band38 / 15MHz / High CH / 16QAM



Band38 / 15MHz / High CH / 64QAM



Band38 / 20MHz / Low CH / QPSK



Band38 / 20MHz / Low CH / 16QAM



Band38 / 20MHz / Low CH / 64QAM

