



# TEST REPORT

**APPLICANT** : Rhino Mobility LLC

**PRODUCT NAME** : Tablet

**MODEL NAME** : T80

**BRAND NAME** : RHINO

**FCC ID** : 2AUOUT80

**STANDARD(S)** : 47 CFR Part 2  
47 CFR Part 22, Subpart H  
47 CFR Part 24, Subpart E  
47 CFR Part 27, Subpart D&F&H  
47 CFR Part 27, Subpart L&M&N

**RECEIPT DATE** : 2023-04-11

**TEST DATE** : 2023-04-17 to 2023-06-20

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Edited by: Peng Mi  
Peng Mi (Rapporteur)

Approved by: Shen Junsheng  
Shen Junsheng (Supervisor)

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Change History		
Version	Date	Reason for change
1.0	2023-07-04	First edition



# 1. Technical Information

Note: Provide by applicant.

## 1.1. Applicant and Manufacturer Information

<b>Applicant:</b>	Rhino Mobility LLC
<b>Applicant Address:</b>	8 The Green, Suite A, Dover, Delaware,19901, USA
<b>Manufacturer:</b>	Rhino Mobility LLC
<b>Manufacturer Address:</b>	8 The Green, Suite A, Dover, Delaware,19901, USA

## 1.2. Equipment Under Test (EUT) Description

<b>Product Name:</b>	Tablet	
<b>Sample No.:</b>	8#	
<b>Hardware Version:</b>	T8005_V1.0	
<b>Software Version:</b>	T80(001)_20230610	
<b>Modulation Type:</b>	QPSK, 16QAM, 64QAM	
<b>Operation Band:</b>	Band 2 / 4 / 5 / 7 / 12 / 13 / 17 / 18 / 19 / 25 / 26 / 30 / 41 / 66 / 71 Band 29 only support receiver	
<b>Carrier Aggregation:</b>	CA_7C, CA_41	
<b>Frequency Range:</b>	LTE Band 2	Tx: 1850MHz–1910MHz
		Rx: 1930MHz–1990MHz
	LTE Band 4	Tx: 1710MHz–1755MHz
		Rx: 2110MHz–2155MHz
	LTE Band 5	Tx: 824MHz–849MHz
		Rx: 869MHz–894MHz
	LTE Band 7	Tx: 2500MHz–2570MHz
		Rx: 2620MHz–2690MHz
	LTE Band 12	Tx: 699MHz–716MHz
		Rx: 729MHz–746MHz
	LTE Band 13	Tx: 777MHz–787MHz
		Rx: 746MHz–756MHz
	LTE Band 17	Tx: 704MHz–716MHz
		Rx: 734MHz–746MHz



<b>Frequency Range:</b>	LTE Band 18	Tx: 824MHz–830MHz
		Rx: 869MHz–875MHz
	LTE Band 19	Tx: 830MHz–845MHz
		Rx: 875MHz–890MHz
	LTE Band 25	Tx: 1850MHz–1915MHz
		Rx: 1930MHz–1995MHz
	LTE Band 26	Tx: 824MHz–849MHz
		Rx: 869MHz–894MHz
	LTE Band 29	Rx: 717MHz–728MHz
	LTE Band 30	Tx: 2305MHz–2315MHz
Rx: 2350MHz–2360MHz		
LTE Band 41	Tx: 2496MHz–2690MHz	
	Rx: 2496MHz–2690MHz	
LTE Band 66	Tx: 1710MHz –1780MHz	
	Rx: 2110MHz–2200MHz	
LTE Band 71	Tx: 663MHz–698MHz	
	Rx: 617MHz–652MHz	
<b>Channel Bandwidth:</b>	LTE Band 2	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
	LTE Band 4	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
	LTE Band 5	1.4MHz, 3MHz, 5MHz, 10MHz
	LTE Band 7	5 MHz, 10MHz, 15MHz, 20MHz
	LTE Band 12	1.4MHz, 3 MHz, 5 MHz, 10MHz
	LTE Band 13	5 MHz, 10MHz
	LTE Band 17	5 MHz, 10MHz
	LTE Band 18	5 MHz
	LTE Band 19	5 MHz, 10MHz, 15MHz
	LTE Band 25	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
	LTE Band 26	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz
	LTE Band 30	5 MHz, 10MHz
	LTE Band 41	5 MHz, 10MHz, 15MHz, 20MHz
	LTE Band 66	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
LTE Band 71	5MHz, 10MHz, 15MHz, 20MHz	
<b>Antenna Type:</b>	PIFA Antenna	
<b>Antenna Gain:</b>	LTE Band 2	1.80dBi
	LTE Band 4	0.90dBi
	LTE Band 5	0.37dBi
	LTE Band 7	1.56dBi



<b>Antenna Gain:</b>	LTE Band 12	-0.72dBi
	LTE Band 13	-0.72dBi
	LTE Band 17	-0.72dBi
	LTE Band 18	0.37dBi
	LTE Band 19	0.37dBi
	LTE Band 25	1.80dBi
	LTE Band 26	0.37dBi
	LTE Band 30	2.63dBi
	LTE Band 41	1.56dBi
	LTE Band 66	1.42dBi
	LTE Band 71	-1.11dBi
<b>Accessory Information:</b>	Battery	
	Brand Name:	N/A
	Model No.:	BPT80
	Serial No.:	N/A
	Capacity:	5000mAh
	Rated Voltage:	3.85V
	Charge Limit:	4.4V
	Manufacturer:	Huizhou Highpower Technology Co., Ltd.
	AC Adapter	
	Brand Name:	RHINO
	Model No.:	TPA-10S120150UU01
	Serial No.:	N/A
	Rated Output:	3.6V-6.0V=3A or 6.0V-9.0V=2.0A or 9.0V-12.0V=1.5A
	Rated Input:	100-240V~50/60Hz, 0.6A
	Manufacturer:	Shenzhen Tianyin Electronics Co., Ltd.
	USB Cable 1	
	Model No.:	188.123022001-09
	Manufacturer:	Yibin Ruirun Electronics Co., Ltd.
	USB Cable 2	
	Model No.:	188.123022002-09
	Manufacturer:	Yibin Ruirun Electronics Co., Ltd.
USB Cable 3		
Model No.:	USB TYPE A TO C 2.0 Cable 2.0m	
Manufacturer:	HUIZHOU WASHIN ELECTRONICTS CO.,LTD.	



<b>Accessory Information:</b>	USB Cable 4	
	Model No.:	USB TYPE A TO C 2.0 Cable 1.0m
	Manufacturer:	HUIZHOU WASHIN ELECTRONICTS CO.,LTD.

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

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

<b>LTE Band 2</b>	<b>Maximum E.R.P./E.I.R.P. (W)</b>			<b>Emission Designator (99%OBW)</b>		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20	0.318	0.256	0.202	18M0G7D	18M0W7D	18M0W7D
15	0.316	0.256	0.206	13M5G7D	13M5W7D	13M5W7D
10	0.315	0.259	0.204	9M00G7D	8M97W7D	8M98W7D
5	0.315	0.257	0.203	4M50G7D	4M51W7D	4M52W7D
3	0.316	0.253	0.207	2M70G7D	2M70W7D	2M70W7D
1.4	0.314	0.259	0.205	1M10G7D	1M10W7D	1M10W7D
<b>LTE Band 4</b>	<b>Maximum E.R.P./E.I.R.P. (W)</b>			<b>Emission Designator (99%OBW)</b>		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20	0.265	0.214	0.170	18M0G7D	18M0W7D	18M0W7D
15	0.263	0.213	0.169	13M5G7D	13M5W7D	13M5W7D
10	0.262	0.212	0.167	9M00G7D	8M98W7D	8M98W7D
5	0.263	0.212	0.168	4M51G7D	4M52W7D	4M51W7D
3	0.262	0.212	0.170	2M70G7D	2M70W7D	2M70W7D
1.4	0.262	0.209	0.169	1M10G7D	1M10W7D	1M10W7D
<b>LTE Band 5</b>	<b>Maximum E.R.P./E.I.R.P. (W)</b>			<b>Emission Designator (99%OBW)</b>		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10	0.152	0.124	0.097	9M02G7D	8M99W7D	9M00W7D
5	0.151	0.123	0.101	4M51G7D	4M51W7D	4M52W7D
3	0.151	0.125	0.100	2M70G7D	2M70W7D	2M71W7D
1.4	0.152	0.124	0.099	1M10G7D	1M11W7D	1M10W7D
<b>LTE Band 7</b>	<b>Maximum E.R.P./E.I.R.P. (W)</b>			<b>Emission Designator (99%OBW)</b>		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20	0.201	0.159	0.129	18M0G7D	18M0W7D	18M0W7D
15	0.200	0.157	0.128	13M5G7D	13M5W7D	13M5W7D
10	0.200	0.157	0.125	9M01G7D	8M97W7D	9M00W7D
5	0.200	0.158	0.129	4M51G7D	4M51W7D	4M52W7D
<b>LTE Band 12</b>	<b>Maximum E.R.P./E.I.R.P. (W)</b>			<b>Emission Designator (99%OBW)</b>		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10	0.127	0.100	0.081	9M00G7D	8M98W7D	9M02W7D
5	0.126	0.103	0.079	4M51G7D	4M51W7D	4M52W7D
3	0.126	0.101	0.079	2M71G7D	2M70W7D	2M71W7D
1.4	0.126	0.100	0.080	1M10G7D	1M10W7D	1M10W7D



<b>LTE Band 13</b>		<b>Maximum E.R.P./E.I.R.P. (W)</b>			<b>Emission Designator (99%OBW)</b>		
BW(MHz)		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10		0.126	0.098	0.080	8M99G7D	8M96W7D	8M97W7D
5		0.125	0.100	0.081	4M51G7D	4M51W7D	4M52W7D
<b>LTE Band 17</b>		<b>Maximum E.R.P./E.I.R.P. (W)</b>			<b>Emission Designator (99%OBW)</b>		
BW(MHz)		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10		0.126	0.099	0.081	9M03G7D	8M98W7D	9M01W7D
5		0.125	0.102	0.081	4M52G7D	4M51W7D	4M52W7D
<b>LTE Band 18</b>		<b>Maximum E.R.P./E.I.R.P. (W)</b>			<b>Emission Designator (99%OBW)</b>		
BW(MHz)		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
5		0.161	0.130	0.101	4M51G7D	4M50W7D	4M51W7D
<b>LTE Band 19</b>		<b>Maximum E.R.P./E.I.R.P. (W)</b>			<b>Emission Designator (99%OBW)</b>		
BW(MHz)		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
15		0.128	0.099	0.081	13M5G7D	13M4W7D	13M4W7D
10		0.160	0.129	0.103	9M00G7D	8M96W7D	9M00W7D
5		0.159	0.131	0.098	4M52G7D	4M50W7D	4M51W7D
<b>LTE Band 25</b>		<b>Maximum E.R.P./E.I.R.P. (W)</b>			<b>Emission Designator (99%OBW)</b>		
BW(MHz)		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20		0.333	0.265	0.208	17M9G7D	17M9W7D	17M9W7D
15		0.330	0.264	0.212	13M5G7D	13M5W7D	13M4W7D
10		0.331	0.262	0.206	8M97G7D	8M96W7D	8M98W7D
5		0.329	0.266	0.210	4M51G7D	4M51W7D	4M51W7D
3		0.333	0.264	0.208	2M71G7D	2M71W7D	2M71W7D
1.4		0.329	0.262	0.211	1M10G7D	1M11W7D	1M10W7D
<b>LTE Band 26</b>		<b>Maximum E.R.P./E.I.R.P. (W)</b>			<b>Emission Designator (99%OBW)</b>		
BW(MHz)		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
15		0.162	0.127	0.104	13M5G7D	13M5W7D	13M5W7D
10		0.159	0.129	0.099	9M02G7D	8M98W7D	9M00W7D
5		0.160	0.128	0.100	4M50G7D	4M51W7D	4M52W7D
3		0.159	0.126	0.100	2M70G7D	2M71W7D	2M71W7D
1.4		0.160	0.122	0.097	1M10G7D	1M10W7D	1M10W7D
<b>LTE Band 30</b>		<b>Maximum E.R.P./E.I.R.P. (W)</b>			<b>Emission Designator (99%OBW)</b>		
BW(MHz)		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10		0.356	0.287	0.229	8M99G7D	8M96W7D	8M99W7D
5		0.353	0.292	0.231	4M51G7D	4M50W7D	4M52W7D





LTE Band 66	Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
	BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM
20	0.304	0.238	0.191	17M9G7D	18M0W7D	18M0W7D
15	0.302	0.238	0.191	13M5G7D	13M5W7D	13M5W7D
10	0.302	0.246	0.193	8M99G7D	8M98W7D	8M99W7D
5	0.301	0.241	0.192	4M51G7D	4M51W7D	4M51W7D
3	0.303	0.243	0.190	2M70G7D	2M70W7D	2M71W7D
1.4	0.301	0.252	0.196	1M10G7D	1M10W7D	1M10W7D
LTE Band 71	Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
	BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM
20	0.090	0.073	0.058	17M9G7D	17M9W7D	17M9W7D
15	0.111	0.090	0.072	13M5G7D	13M5W7D	13M5W7D
10	0.110	0.091	0.072	9M01G7D	8M98W7D	9M00W7D
5	0.110	0.091	0.073	4M52G7D	4M51W7D	4M51W7D

LTE Band 41	Maximum E.R.P./E.I.R.P. (W)					
	Power Class 2			Power Class 3		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20	0.630	0.504	0.397	0.317	0.251	0.197
15	0.625	0.500	0.399	0.314	0.250	0.200
10	0.627	0.502	0.405	0.315	0.254	0.201
5	0.624	0.506	0.402	0.314	0.251	0.201
LTE Band 41	Emission Designator (99%OBW)					
	BW(MHz)	QPSK		16QAM		64QAM
5	4M52G7D		4M51W7D		4M52W7D	
10	9M00G7D		8M98W7D		8M97W7D	
15	13M5G7D		13M5W7D		13M5W7D	
20	18M0G7D		18M0W7D		17M9W7D	



## 1.4. Test Standards and Results

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

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

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

Section	Description	Test Date	Test Engineer	Result	Method Determination /Remark
2.1046 22.913(a)(2) 24.232(c) 27.50(a)(3) 27.50(b)(10) 27.50(c)(10) 27.50(d)(4) 27.50(h)(2)	Transmitter Conducted Output Power and E.R.P./E.I.R.P.	Jun. 20, 2023	Chen Hao Li Huaijie	PASS	No deviation
2.1049	Occupied Bandwidth	Apr. 18&19, 2023	Li Huaijie	PASS	No deviation
2.1055 22.355 24.235 27.54	Frequency Stability	Apr. 18, 2023	Li Huaijie	PASS	No deviation
24.232(d), 27.50(d)(5)	Peak to Average Radio	Apr. 18&19, 2023	Li Huaijie	PASS	No deviation
2.1051 22.917(a) 24.238(a) 27.53(a)(4) 27.53(c)(2) 27.53(g) 27.53(h) 27.53(m)(4)	Conducted Spurious Emissions	Apr. 18&19, 2023	Li Huaijie	PASS	No deviation



2.1051 22.917(a) 24.238(a) 27.53(a)(4) 27.53(c)(2) 27.53(g) 27.53(h) 27.53(m)(4)	Band Edge	Apr. 17&18, 2023	Li Huaijie	PASS	No deviation
2.1053 22.917(a) 24.238(a) 27.53(a)(4) 27.53(c)(2) 27.53(g) 27.53(h) 27.53(m)(4)	Radiated Spurious Emissions	Jun. 20, 2023	Li Hanbin	PASS	No deviation

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

**Note 2:** The path loss during the RF test is calibrated to correct the results by the offset setting in the test equipments. The ref offset 24.5dB contains two parts that cable loss 14.5dB and Attenuator 10dB.

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

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

## 1.5. Environmental Conditions

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

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



## **2.47 CFR Part 2, Part 22H, Part 24E, Part 27 D&F&H&L&M&N Requirements**

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

#### **2.1.1. Requirement**

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

According to FCC section 24.232 (c) for LTE Band 2/25, Mobile and portable stations are limited to 2 watts E.I.R.P. and the equipment must employ a means for limiting power to the minimum necessary for successful communications.

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

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

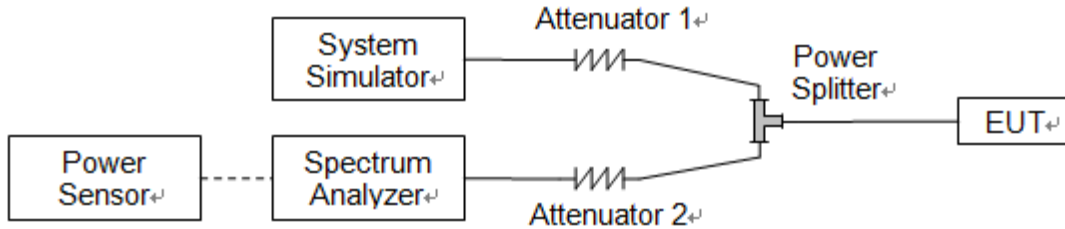
According to FCC section 27.50 (h)(2) for LTE Band 7/41, Mobile and other user stations. Mobile stations are limited to 2 watts E.I.R.P. All user stations are limited to 2 watts transmitter output power.

According to FCC section 27.50 (b)(10) for LTE Band 13, Portable stations (hand-held devices) transmitting in the 746-757 MHz, 776-788 MHz, and 805-806 MHz bands are limited to 3 watts E.R.P.

According to FCC section 27.50 (c)(10) for LTE Band 12/17/71, Portable stations (hand-held devices) operating in the 704-716MHz band are limited to 3watts E.R.P.

According to FCC section 27.50 (a)(3) for LTE Band 30, 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 milliwatts within any 1 megahertz of authorized bandwidth.

### 2.1.2. Test Description



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

### 2.1.3. Test Procedure

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

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

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



2.1.4. Result

Conducted Output Power

LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18700	18900	19100
Frequency (MHz)				1860	1880	1900
20	QPSK	1	0	23.15	23.23	23.12
20	QPSK	1	49	23.04	23.09	23.06
20	QPSK	1	99	23.11	23.15	23.13
20	QPSK	50	0	22.22	22.35	22.27
20	QPSK	50	24	22.13	22.26	22.18
20	QPSK	50	50	22.15	22.16	22.22
20	QPSK	100	0	22.14	22.20	22.19
20	16QAM	1	0	22.19	22.28	22.13
20	16QAM	1	49	22.08	22.18	22.20
20	16QAM	1	99	22.16	22.15	22.07
20	16QAM	50	0	21.18	21.29	21.23
20	16QAM	50	24	21.17	21.16	21.10
20	16QAM	50	50	21.20	21.24	21.16
20	16QAM	100	0	21.15	21.21	21.12
20	64QAM	1	0	21.14	21.26	21.15
20	64QAM	1	49	21.20	21.23	21.09
20	64QAM	1	99	21.16	21.11	21.13
20	64QAM	50	0	20.31	20.37	20.33
20	64QAM	50	24	20.19	20.27	20.30
20	64QAM	50	50	20.15	20.18	20.14
20	64QAM	100	0	20.23	20.25	20.21



LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18675	18900	19125
Frequency (MHz)				1857.5	1880	1902.5
15	QPSK	1	0	23.07	23.20	23.08
15	QPSK	1	37	23.12	23.08	23.07
15	QPSK	1	74	23.06	23.09	23.11
15	QPSK	36	0	22.05	22.31	22.30
15	QPSK	36	20	22.11	22.23	22.21
15	QPSK	36	39	22.15	22.11	22.29
15	QPSK	75	0	22.08	22.12	22.03
15	16QAM	1	0	22.23	22.28	22.15
15	16QAM	1	37	22.16	22.05	22.27
15	16QAM	1	74	22.17	22.27	22.06
15	16QAM	36	0	20.98	21.12	21.22
15	16QAM	36	20	21.16	21.00	20.96
15	16QAM	36	39	21.01	21.28	21.16
15	16QAM	75	0	21.27	21.22	21.00
15	64QAM	1	0	21.09	21.34	21.20
15	64QAM	1	37	21.24	21.25	21.06
15	64QAM	1	74	21.21	21.01	21.04
15	64QAM	36	0	20.21	20.32	20.12
15	64QAM	36	20	20.17	20.21	20.38
15	64QAM	36	39	20.06	20.18	20.23
15	64QAM	75	0	20.11	20.25	20.16



LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18650	18900	19150
Frequency (MHz)				1855	1880	1905
10	QPSK	1	0	23.16	23.18	23.03
10	QPSK	1	25	23.05	23.17	23.12
10	QPSK	1	49	23.11	23.12	23.06
10	QPSK	25	0	22.06	22.18	22.30
10	QPSK	25	12	22.05	22.18	22.27
10	QPSK	25	25	22.05	22.24	22.06
10	QPSK	50	0	22.20	22.27	22.27
10	16QAM	1	0	22.11	22.33	22.20
10	16QAM	1	25	22.13	22.09	22.34
10	16QAM	1	49	22.12	22.19	22.13
10	16QAM	25	0	21.08	21.15	21.28
10	16QAM	25	12	21.27	21.25	21.09
10	16QAM	25	25	21.15	21.25	21.15
10	16QAM	50	0	21.20	21.33	21.15
10	64QAM	1	0	21.29	21.08	21.24
10	64QAM	1	25	21.17	21.07	21.08
10	64QAM	1	49	21.26	21.00	21.13
10	64QAM	25	0	20.43	20.34	20.22
10	64QAM	25	12	20.13	20.21	20.30
10	64QAM	25	25	20.08	20.15	20.21
10	64QAM	50	0	20.20	20.28	20.08





LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18625	18900	19175
Frequency (MHz)				1852.5	1880	1907.5
5	QPSK	1	0	23.15	23.18	23.16
5	QPSK	1	12	23.06	23.15	23.14
5	QPSK	1	24	23.12	23.15	23.16
5	QPSK	12	0	22.17	22.24	22.08
5	QPSK	12	7	22.09	22.23	22.02
5	QPSK	12	13	22.14	22.02	22.06
5	QPSK	25	0	22.12	22.31	22.19
5	16QAM	1	0	22.06	22.24	22.07
5	16QAM	1	12	22.09	22.19	22.30
5	16QAM	1	24	22.28	22.24	21.99
5	16QAM	12	0	21.24	21.14	21.09
5	16QAM	12	7	21.03	21.04	21.08
5	16QAM	12	13	21.24	21.34	21.02
5	16QAM	25	0	21.20	21.26	21.16
5	64QAM	1	0	21.11	21.28	21.05
5	64QAM	1	12	21.13	21.05	21.09
5	64QAM	1	24	21.23	21.13	21.11
5	64QAM	12	0	20.13	20.22	20.26
5	64QAM	12	7	20.10	20.14	20.22
5	64QAM	12	13	20.09	20.01	20.19
5	64QAM	25	0	20.21	20.16	20.17



LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18615	18900	19185
Frequency (MHz)				1851.5	1880	1908.5
3	QPSK	1	0	23.13	23.19	23.08
3	QPSK	1	8	23.09	23.15	23.05
3	QPSK	1	14	23.07	23.13	23.09
3	QPSK	8	0	22.20	22.39	22.32
3	QPSK	8	4	22.26	22.41	22.08
3	QPSK	8	7	22.25	22.20	22.15
3	QPSK	15	0	22.02	22.31	22.23
3	16QAM	1	0	22.04	22.17	22.08
3	16QAM	1	8	22.19	21.99	22.10
3	16QAM	1	14	22.23	22.04	22.11
3	16QAM	8	0	21.02	21.22	21.23
3	16QAM	8	4	21.31	21.24	21.18
3	16QAM	8	7	21.19	21.22	20.98
3	16QAM	15	0	21.05	21.35	21.18
3	64QAM	1	0	21.02	21.37	21.01
3	64QAM	1	8	21.23	21.04	21.08
3	64QAM	1	14	21.03	21.15	21.13
3	64QAM	8	0	20.32	20.39	20.21
3	64QAM	8	4	20.09	20.34	20.29
3	64QAM	8	7	20.07	20.06	20.21
3	64QAM	15	0	20.10	20.31	20.18



LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18607	18900	19193
Frequency (MHz)				1850.7	1880	1909.3
1.4	QPSK	1	0	23.17	23.17	23.12
1.4	QPSK	1	3	23.13	23.04	23.06
1.4	QPSK	1	5	23.12	23.02	23.09
1.4	QPSK	3	0	22.36	22.43	22.32
1.4	QPSK	3	1	22.20	22.11	22.05
1.4	QPSK	3	3	22.16	22.28	22.36
1.4	QPSK	6	0	22.21	22.11	22.30
1.4	16QAM	1	0	22.08	22.34	22.15
1.4	16QAM	1	3	22.13	22.05	22.13
1.4	16QAM	1	5	22.06	22.05	22.16
1.4	16QAM	3	0	21.24	21.38	21.04
1.4	16QAM	3	1	21.11	21.09	21.05
1.4	16QAM	3	3	21.22	21.35	21.22
1.4	16QAM	6	0	21.23	21.31	20.99
1.4	64QAM	1	0	21.05	21.30	21.15
1.4	64QAM	1	3	21.05	21.31	21.24
1.4	64QAM	1	5	21.27	21.18	21.25
1.4	64QAM	3	0	20.24	20.23	20.17
1.4	64QAM	3	1	20.09	20.25	20.13
1.4	64QAM	3	3	20.26	20.32	20.12
1.4	64QAM	6	0	20.21	20.38	20.19



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20050	20175	20300
Frequency (MHz)				1720	1732.5	1745
20	QPSK	1	0	23.25	23.34	23.20
20	QPSK	1	49	23.18	23.21	23.23
20	QPSK	1	99	23.27	23.23	23.17
20	QPSK	50	0	22.30	22.38	22.28
20	QPSK	50	24	22.34	22.23	22.29
20	QPSK	50	50	22.20	22.14	22.27
20	QPSK	100	0	22.12	22.22	22.18
20	16QAM	1	0	22.26	22.36	22.09
20	16QAM	1	49	22.10	22.40	22.19
20	16QAM	1	99	22.09	22.35	22.17
20	16QAM	50	0	21.28	21.36	21.42
20	16QAM	50	24	21.21	21.24	21.18
20	16QAM	50	50	21.17	21.33	21.30
20	16QAM	100	0	21.26	21.29	21.23
20	64QAM	1	0	21.30	21.22	21.30
20	64QAM	1	49	21.39	21.41	21.25
20	64QAM	1	99	21.34	21.23	21.14
20	64QAM	50	0	20.36	20.40	20.43
20	64QAM	50	24	20.15	20.41	20.33
20	64QAM	50	50	20.12	20.34	20.32
20	64QAM	100	0	20.37	20.24	20.11



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				20025	20175	20325
Frequency (MHz)				1717.5	1732.5	1747.5
15	QPSK	1	0	23.10	23.30	23.24
15	QPSK	1	37	23.19	23.04	23.15
15	QPSK	1	74	23.11	23.05	23.20
15	QPSK	36	0	22.22	22.35	22.33
15	QPSK	36	20	22.37	22.36	22.21
15	QPSK	36	39	22.10	22.21	22.25
15	QPSK	75	0	22.27	22.29	22.39
15	16QAM	1	0	22.26	22.39	22.24
15	16QAM	1	37	22.15	22.11	22.14
15	16QAM	1	74	22.15	22.10	22.09
15	16QAM	36	0	21.41	21.22	21.42
15	16QAM	36	20	21.10	21.29	21.29
15	16QAM	36	39	21.13	21.24	21.19
15	16QAM	75	0	21.40	21.41	21.21
15	64QAM	1	0	21.18	21.25	21.37
15	64QAM	1	37	21.34	21.23	21.08
15	64QAM	1	74	21.15	21.17	21.10
15	64QAM	36	0	20.54	20.46	20.40
15	64QAM	36	20	20.31	20.35	20.37
15	64QAM	36	39	20.33	20.27	20.30
15	64QAM	75	0	20.31	20.44	20.24



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20000	20175	20350
Frequency (MHz)				1715	1732.5	1750
10	QPSK	1	0	23.17	23.29	23.12
10	QPSK	1	25	23.11	23.11	23.18
10	QPSK	1	49	23.28	23.24	23.15
10	QPSK	25	0	22.15	22.45	22.39
10	QPSK	25	12	22.11	22.33	22.14
10	QPSK	25	25	22.28	22.26	22.34
10	QPSK	50	0	22.24	22.45	22.40
10	16QAM	1	0	22.09	22.36	22.10
10	16QAM	1	25	22.25	22.11	22.27
10	16QAM	1	49	22.34	22.26	22.16
10	16QAM	25	0	21.25	21.33	21.19
10	16QAM	25	12	21.38	21.30	21.16
10	16QAM	25	25	21.17	21.22	21.40
10	16QAM	50	0	21.34	21.37	21.16
10	64QAM	1	0	21.28	21.19	21.12
10	64QAM	1	25	21.24	21.25	21.27
10	64QAM	1	49	21.31	21.07	21.34
10	64QAM	25	0	20.42	20.38	20.27
10	64QAM	25	12	20.31	20.27	20.21
10	64QAM	25	25	20.06	20.15	20.07
10	64QAM	50	0	20.41	20.35	20.27



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				19975	20175	20375
Frequency (MHz)				1712.5	1732.5	1752.5
5	QPSK	1	0	23.22	23.30	23.25
5	QPSK	1	12	23.16	23.18	23.12
5	QPSK	1	24	23.12	23.23	23.22
5	QPSK	12	0	22.32	22.40	22.31
5	QPSK	12	7	22.29	22.32	22.24
5	QPSK	12	13	22.23	22.31	22.24
5	QPSK	25	0	22.31	22.15	22.16
5	16QAM	1	0	22.10	22.34	22.36
5	16QAM	1	12	22.13	22.32	22.35
5	16QAM	1	24	22.09	22.21	22.18
5	16QAM	12	0	21.24	21.43	21.23
5	16QAM	12	7	21.16	21.30	21.27
5	16QAM	12	13	21.43	21.30	21.39
5	16QAM	25	0	21.30	21.46	21.18
5	64QAM	1	0	21.35	21.26	21.23
5	64QAM	1	12	21.31	21.25	21.14
5	64QAM	1	24	21.17	21.28	21.13
5	64QAM	12	0	20.26	20.40	20.31
5	64QAM	12	7	20.09	20.38	20.30
5	64QAM	12	13	20.08	20.34	20.17
5	64QAM	25	0	20.34	20.37	20.15



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				19965	20175	20385
Frequency (MHz)				1711.5	1732.5	1753.5
3	QPSK	1	0	23.12	23.28	23.22
3	QPSK	1	8	23.16	23.12	23.16
3	QPSK	1	14	23.14	23.22	23.10
3	QPSK	8	0	22.22	22.38	22.28
3	QPSK	8	4	22.35	22.32	22.12
3	QPSK	8	7	22.11	22.13	22.22
3	QPSK	15	0	22.10	22.13	22.12
3	16QAM	1	0	22.24	22.29	22.21
3	16QAM	1	8	22.18	22.26	22.15
3	16QAM	1	14	22.36	22.29	22.14
3	16QAM	8	0	21.34	21.35	21.33
3	16QAM	8	4	21.37	21.28	21.16
3	16QAM	8	7	21.31	21.47	21.18
3	16QAM	15	0	21.08	21.17	21.30
3	64QAM	1	0	21.09	21.41	21.25
3	64QAM	1	8	21.33	21.35	21.03
3	64QAM	1	14	21.19	21.05	21.20
3	64QAM	8	0	20.38	20.41	20.40
3	64QAM	8	4	20.18	20.34	20.20
3	64QAM	8	7	20.20	20.14	20.18
3	64QAM	15	0	20.39	20.35	20.26





LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				19957	20175	20393
Frequency (MHz)				1710.7	1732.5	1754.3
1.4	QPSK	1	0	23.16	23.29	23.21
1.4	QPSK	1	3	23.19	23.27	23.20
1.4	QPSK	1	5	23.11	23.21	23.24
1.4	QPSK	3	0	22.31	22.39	22.24
1.4	QPSK	3	1	22.35	22.20	22.41
1.4	QPSK	3	3	22.28	22.28	22.28
1.4	QPSK	6	0	22.15	22.26	22.20
1.4	16QAM	1	0	22.24	22.31	22.23
1.4	16QAM	1	3	21.98	22.10	22.12
1.4	16QAM	1	5	22.25	22.06	22.06
1.4	16QAM	3	0	21.20	21.33	21.27
1.4	16QAM	3	1	21.27	21.11	21.08
1.4	16QAM	3	3	21.33	21.35	21.41
1.4	16QAM	6	0	21.12	21.28	21.23
1.4	64QAM	1	0	21.11	21.16	21.27
1.4	64QAM	1	3	21.27	21.38	21.27
1.4	64QAM	1	5	21.16	21.15	21.13
1.4	64QAM	3	0	20.35	20.34	20.31
1.4	64QAM	3	1	20.30	20.20	20.38
1.4	64QAM	3	3	20.18	20.09	20.34
1.4	64QAM	6	0	20.15	20.30	20.28



LTE Band 5						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20450	20525	20600
Frequency (MHz)				829	836.5	844
10	QPSK	1	0	23.57	23.60	23.53
10	QPSK	1	25	23.51	23.53	23.51
10	QPSK	1	49	23.51	23.57	23.50
10	QPSK	25	0	22.62	22.86	22.73
10	QPSK	25	12	22.57	22.80	22.66
10	QPSK	25	25	22.61	22.53	22.58
10	QPSK	50	0	22.66	22.61	22.57
10	16QAM	1	0	22.52	22.63	22.58
10	16QAM	1	25	22.51	22.52	22.53
10	16QAM	1	49	22.71	22.63	22.55
10	16QAM	25	0	21.53	21.84	21.55
10	16QAM	25	12	21.51	21.66	21.52
10	16QAM	25	25	21.57	21.67	21.56
10	16QAM	50	0	21.57	21.52	21.58
10	64QAM	1	0	21.35	21.54	21.59
10	64QAM	1	25	21.40	21.67	21.58
10	64QAM	1	49	21.61	21.53	21.56
10	64QAM	25	0	20.59	20.85	20.86
10	64QAM	25	12	20.72	20.62	20.61
10	64QAM	25	25	20.52	20.53	20.52
10	64QAM	50	0	20.65	20.59	20.53



LTE Band 5						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20425	20525	20625
Frequency (MHz)				826.5	836.5	846.5
5	QPSK	1	0	23.49	23.57	23.55
5	QPSK	1	12	23.54	23.53	23.53
5	QPSK	1	24	23.56	23.52	23.56
5	QPSK	12	0	22.60	22.73	22.71
5	QPSK	12	7	22.59	22.71	22.65
5	QPSK	12	13	22.56	22.70	22.58
5	QPSK	25	0	22.57	22.61	22.60
5	16QAM	1	0	22.53	22.65	22.53
5	16QAM	1	12	22.57	22.67	22.52
5	16QAM	1	24	22.53	22.54	22.57
5	16QAM	12	0	21.41	21.65	21.65
5	16QAM	12	7	21.50	21.57	21.50
5	16QAM	12	13	21.52	21.53	21.45
5	16QAM	25	0	21.58	21.52	21.56
5	64QAM	1	0	21.55	21.82	21.58
5	64QAM	1	12	21.63	21.78	21.60
5	64QAM	1	24	21.61	21.53	21.60
5	64QAM	12	0	20.53	20.80	20.58
5	64QAM	12	7	20.50	20.47	20.57
5	64QAM	12	13	20.63	20.52	20.55
5	64QAM	25	0	20.78	20.63	20.69



LTE Band 5						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20415	20525	20635
Frequency (MHz)				825.5	836.5	847.5
3	QPSK	1	0	23.51	23.58	23.53
3	QPSK	1	8	23.54	23.50	23.51
3	QPSK	1	14	23.55	23.55	23.47
3	QPSK	8	0	22.43	22.67	22.57
3	QPSK	8	4	22.66	22.59	22.57
3	QPSK	8	7	22.59	22.55	22.61
3	QPSK	15	0	22.48	22.50	22.52
3	16QAM	1	0	22.46	22.75	22.53
3	16QAM	1	8	22.66	22.48	22.75
3	16QAM	1	14	22.59	22.56	22.53
3	16QAM	8	0	21.50	21.68	21.57
3	16QAM	8	4	21.46	21.69	21.51
3	16QAM	8	7	21.48	21.48	21.69
3	16QAM	15	0	21.57	21.59	21.49
3	64QAM	1	0	21.63	21.80	21.52
3	64QAM	1	8	21.58	21.78	21.60
3	64QAM	1	14	21.71	21.54	21.55
3	64QAM	8	0	20.64	20.64	20.70
3	64QAM	8	4	20.73	20.48	20.72
3	64QAM	8	7	20.59	20.55	20.59
3	64QAM	15	0	20.61	20.72	20.52



LTE Band 5						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20407	20525	20643
Frequency (MHz)				824.7	836.5	848.3
1.4	QPSK	1	0	23.56	23.59	23.57
1.4	QPSK	1	3	23.52	23.48	23.49
1.4	QPSK	1	5	23.55	23.55	23.55
1.4	QPSK	3	0	22.57	22.66	22.75
1.4	QPSK	3	1	22.63	22.56	22.51
1.4	QPSK	3	3	22.61	22.52	22.59
1.4	QPSK	6	0	22.51	22.43	22.66
1.4	16QAM	1	0	22.56	22.70	22.61
1.4	16QAM	1	3	22.52	22.48	22.48
1.4	16QAM	1	5	22.51	22.62	22.60
1.4	16QAM	3	0	21.66	21.63	21.69
1.4	16QAM	3	1	21.57	21.58	21.61
1.4	16QAM	3	3	21.53	21.59	21.64
1.4	16QAM	6	0	21.57	21.57	21.51
1.4	64QAM	1	0	21.40	21.72	21.44
1.4	64QAM	1	3	21.50	21.45	21.38
1.4	64QAM	1	5	21.70	21.61	21.46
1.4	64QAM	3	0	20.54	20.78	20.83
1.4	64QAM	3	1	20.51	20.78	20.65
1.4	64QAM	3	3	20.53	20.68	20.63
1.4	64QAM	6	0	20.72	20.69	20.52



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	21.30	21.48	21.46
20	QPSK	1	49	21.18	21.31	21.34
20	QPSK	1	99	21.37	21.47	21.27
20	QPSK	50	0	20.42	20.47	20.37
20	QPSK	50	24	20.34	20.27	20.46
20	QPSK	50	50	20.17	20.36	20.44
20	QPSK	100	0	20.18	20.34	20.37
20	16QAM	1	0	20.45	20.28	20.17
20	16QAM	1	49	20.26	20.22	20.31
20	16QAM	1	99	20.17	20.38	20.28
20	16QAM	50	0	19.35	19.41	19.35
20	16QAM	50	24	19.35	19.19	19.27
20	16QAM	50	50	19.34	19.47	19.36
20	16QAM	100	0	19.49	19.32	19.44
20	64QAM	1	0	19.39	19.50	19.21
20	64QAM	1	49	19.54	19.45	19.11
20	64QAM	1	99	19.31	19.45	19.16
20	64QAM	50	0	18.54	18.49	18.44
20	64QAM	50	24	18.40	18.52	18.48
20	64QAM	50	50	18.31	18.26	18.42
20	64QAM	100	0	18.47	18.29	18.55



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	21.19	21.45	21.41
15	QPSK	1	37	21.12	21.22	21.19
15	QPSK	1	74	21.13	21.40	21.13
15	QPSK	36	0	20.43	20.49	20.41
15	QPSK	36	20	20.33	20.40	20.40
15	QPSK	36	39	20.40	20.36	20.22
15	QPSK	75	0	20.48	20.33	20.39
15	16QAM	1	0	20.36	20.39	20.18
15	16QAM	1	37	20.20	20.19	20.28
15	16QAM	1	74	20.37	20.38	20.40
15	16QAM	36	0	19.47	19.52	19.47
15	16QAM	36	20	19.51	19.19	19.29
15	16QAM	36	39	19.26	19.24	19.30
15	16QAM	75	0	19.39	19.45	19.27
15	64QAM	1	0	19.28	19.52	19.40
15	64QAM	1	37	19.38	19.34	19.21
15	64QAM	1	74	19.22	19.18	19.29
15	64QAM	36	0	18.34	18.51	18.54
15	64QAM	36	20	18.46	18.39	18.48
15	64QAM	36	39	18.35	18.24	18.49
15	64QAM	75	0	18.41	18.50	18.27



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	21.30	21.46	21.43
10	QPSK	1	25	21.14	21.26	21.33
10	QPSK	1	49	21.11	21.32	21.23
10	QPSK	25	0	20.48	20.55	20.52
10	QPSK	25	12	20.23	20.40	20.52
10	QPSK	25	25	20.48	20.43	20.42
10	QPSK	50	0	20.25	20.33	20.23
10	16QAM	1	0	20.26	20.34	20.28
10	16QAM	1	25	20.28	20.33	20.31
10	16QAM	1	49	20.37	20.17	20.40
10	16QAM	25	0	19.34	19.38	19.51
10	16QAM	25	12	19.52	19.19	19.44
10	16QAM	25	25	19.32	19.34	19.35
10	16QAM	50	0	19.22	19.35	19.47
10	64QAM	1	0	19.22	19.36	19.42
10	64QAM	1	25	19.42	19.34	19.14
10	64QAM	1	49	19.39	19.30	19.32
10	64QAM	25	0	18.36	18.40	18.44
10	64QAM	25	12	18.19	18.48	18.58
10	64QAM	25	25	18.50	18.34	18.41
10	64QAM	50	0	18.50	18.44	18.39





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	21.21	21.45	21.30
5	QPSK	1	12	21.30	21.31	21.26
5	QPSK	1	24	21.21	21.26	21.42
5	QPSK	12	0	20.52	20.49	20.41
5	QPSK	12	7	20.17	20.54	20.26
5	QPSK	12	13	20.50	20.16	20.41
5	QPSK	25	0	20.49	20.47	20.38
5	16QAM	1	0	20.30	20.42	20.25
5	16QAM	1	12	20.23	20.38	20.38
5	16QAM	1	24	20.20	20.40	20.27
5	16QAM	12	0	19.52	19.29	19.52
5	16QAM	12	7	19.48	19.47	19.40
5	16QAM	12	13	19.21	19.40	19.25
5	16QAM	25	0	19.48	19.28	19.25
5	64QAM	1	0	19.23	19.54	19.15
5	64QAM	1	12	19.48	19.38	19.39
5	64QAM	1	24	19.37	19.39	19.38
5	64QAM	12	0	18.54	18.41	18.40
5	64QAM	12	7	18.28	18.32	18.53
5	64QAM	12	13	18.16	18.23	18.27
5	64QAM	25	0	18.29	18.39	18.34



LTE Band 12						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23060	23095	23130
Frequency (MHz)				704	707.5	711
10	QPSK	1	0	23.87	23.91	23.80
10	QPSK	1	25	23.69	23.77	23.57
10	QPSK	1	49	23.63	23.69	23.69
10	QPSK	25	0	22.88	22.92	22.91
10	QPSK	25	12	22.85	22.85	22.69
10	QPSK	25	25	22.70	22.67	22.87
10	QPSK	50	0	22.85	22.83	22.90
10	16QAM	1	0	22.68	22.86	22.77
10	16QAM	1	25	22.67	22.77	22.78
10	16QAM	1	49	22.66	22.85	22.85
10	16QAM	25	0	21.86	21.85	21.93
10	16QAM	25	12	21.94	21.90	21.86
10	16QAM	25	25	21.74	21.93	21.95
10	16QAM	50	0	21.75	21.88	21.86
10	64QAM	1	0	21.83	21.87	21.93
10	64QAM	1	25	21.92	21.84	21.93
10	64QAM	1	49	21.79	21.95	21.95
10	64QAM	25	0	20.95	20.87	20.88
10	64QAM	25	12	20.97	20.88	20.99
10	64QAM	25	25	20.71	20.82	20.87
10	64QAM	50	0	20.95	20.89	20.90



LTE Band 12						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23035	23095	23155
Frequency (MHz)				701.5	707.5	713.5
5	QPSK	1	0	23.85	23.89	23.66
5	QPSK	1	12	23.77	23.71	23.84
5	QPSK	1	24	23.85	23.67	23.83
5	QPSK	12	0	22.75	22.93	22.69
5	QPSK	12	7	22.91	22.81	22.90
5	QPSK	12	13	22.68	22.79	22.80
5	QPSK	25	0	22.83	22.95	22.90
5	16QAM	1	0	22.73	22.80	22.98
5	16QAM	1	12	22.77	22.89	22.77
5	16QAM	1	24	22.80	22.66	22.86
5	16QAM	12	0	21.88	21.85	21.81
5	16QAM	12	7	21.88	21.88	21.90
5	16QAM	12	13	21.79	21.74	21.67
5	16QAM	25	0	21.68	21.86	21.78
5	64QAM	1	0	21.82	21.82	21.84
5	64QAM	1	12	21.79	21.73	21.61
5	64QAM	1	24	21.81	21.64	21.84
5	64QAM	12	0	20.78	20.91	20.94
5	64QAM	12	7	20.86	20.79	20.77
5	64QAM	12	13	20.74	20.68	20.89
5	64QAM	25	0	20.86	20.83	20.79



LTE Band 12						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23025	23095	23165
Frequency (MHz)				700.5	707.5	714.5
3	QPSK	1	0	23.82	23.87	23.83
3	QPSK	1	8	23.85	23.76	23.61
3	QPSK	1	14	23.61	23.77	23.70
3	QPSK	8	0	22.76	22.85	22.82
3	QPSK	8	4	22.63	22.80	22.84
3	QPSK	8	7	22.74	22.82	22.77
3	QPSK	15	0	22.73	22.83	22.75
3	16QAM	1	0	22.82	22.91	22.70
3	16QAM	1	8	22.69	22.80	22.76
3	16QAM	1	14	22.73	22.74	22.68
3	16QAM	8	0	21.88	21.92	21.81
3	16QAM	8	4	21.83	21.80	21.74
3	16QAM	8	7	21.78	21.80	21.73
3	16QAM	15	0	21.70	21.71	21.80
3	64QAM	1	0	21.77	21.86	21.84
3	64QAM	1	8	21.86	21.79	21.60
3	64QAM	1	14	21.67	21.82	21.83
3	64QAM	8	0	20.82	20.85	20.68
3	64QAM	8	4	20.71	20.81	20.77
3	64QAM	8	7	20.70	20.81	20.89
3	64QAM	15	0	20.80	20.79	20.73



LTE Band 12						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23017	23095	23173
Frequency (MHz)				699.7	707.5	715.3
1.4	QPSK	1	0	23.71	23.88	23.73
1.4	QPSK	1	3	23.86	23.70	23.67
1.4	QPSK	1	5	23.85	23.87	23.68
1.4	QPSK	3	0	22.84	22.81	22.90
1.4	QPSK	3	1	22.93	22.90	22.81
1.4	QPSK	3	3	22.86	22.78	22.85
1.4	QPSK	6	0	22.77	22.81	22.80
1.4	16QAM	1	0	22.77	22.84	22.79
1.4	16QAM	1	3	22.68	22.78	22.70
1.4	16QAM	1	5	22.80	22.88	22.82
1.4	16QAM	3	0	21.83	21.89	21.87
1.4	16QAM	3	1	21.86	21.95	21.94
1.4	16QAM	3	3	21.81	21.84	21.80
1.4	16QAM	6	0	21.71	21.90	21.68
1.4	64QAM	1	0	21.90	21.90	21.77
1.4	64QAM	1	3	21.87	21.80	21.79
1.4	64QAM	1	5	21.71	21.87	21.73
1.4	64QAM	3	0	20.83	20.78	20.69
1.4	64QAM	3	1	20.80	20.81	20.77
1.4	64QAM	3	3	20.98	20.87	20.81
1.4	64QAM	6	0	20.77	20.81	20.84



LTE Band 13						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				/	23230	/
Frequency (MHz)				/	782	/
10	QPSK	1	0	/	23.87	/
10	QPSK	1	25	/	23.68	/
10	QPSK	1	49	/	23.81	/
10	QPSK	25	0	/	22.76	/
10	QPSK	25	12	/	22.69	/
10	QPSK	25	25	/	22.66	/
10	QPSK	50	0	/	22.63	/
10	16QAM	1	0	/	22.77	/
10	16QAM	1	25	/	22.74	/
10	16QAM	1	49	/	22.78	/
10	16QAM	25	0	/	21.81	/
10	16QAM	25	12	/	21.70	/
10	16QAM	25	25	/	21.72	/
10	16QAM	50	0	/	21.79	/
10	64QAM	1	0	/	21.90	/
10	64QAM	1	25	/	21.76	/
10	64QAM	1	49	/	21.86	/
10	64QAM	25	0	/	20.88	/
10	64QAM	25	12	/	20.69	/
10	64QAM	25	25	/	20.71	/
10	64QAM	50	0	/	20.75	/



LTE Band 13						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23205	23230	23255
Frequency (MHz)				779.5	782	784.5
5	QPSK	1	0	23.82	23.85	23.76
5	QPSK	1	12	23.79	23.81	23.81
5	QPSK	1	24	23.61	23.77	23.69
5	QPSK	12	0	22.85	22.91	22.86
5	QPSK	12	7	22.67	22.75	22.84
5	QPSK	12	13	22.70	22.74	22.71
5	QPSK	25	0	22.76	22.84	22.79
5	16QAM	1	0	22.85	22.86	22.73
5	16QAM	1	12	22.69	22.68	22.80
5	16QAM	1	24	22.68	22.77	22.60
5	16QAM	12	0	21.94	21.90	21.86
5	16QAM	12	7	21.82	21.84	21.78
5	16QAM	12	13	21.84	21.88	21.81
5	16QAM	25	0	21.69	21.98	21.73
5	64QAM	1	0	21.88	21.83	21.72
5	64QAM	1	12	21.82	21.73	21.86
5	64QAM	1	24	21.93	21.62	21.79
5	64QAM	12	0	20.97	20.92	20.84
5	64QAM	12	7	20.79	20.90	20.98
5	64QAM	12	13	20.94	20.85	20.80
5	64QAM	25	0	20.82	20.94	20.78



LTE Band 17						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23780	23790	23800
Frequency (MHz)				709	710	711
10	QPSK	1	0	23.70	23.86	23.66
10	QPSK	1	25	23.83	23.75	23.73
10	QPSK	1	49	23.84	23.73	23.67
10	QPSK	25	0	22.84	22.92	22.80
10	QPSK	25	12	22.82	22.90	22.84
10	QPSK	25	25	22.81	22.82	22.86
10	QPSK	50	0	22.76	22.80	22.73
10	16QAM	1	0	22.69	22.81	22.63
10	16QAM	1	25	22.82	22.81	22.74
10	16QAM	1	49	22.74	22.69	22.78
10	16QAM	25	0	21.78	21.90	21.84
10	16QAM	25	12	21.86	21.77	21.62
10	16QAM	25	25	21.84	21.93	21.84
10	16QAM	50	0	21.77	21.72	21.87
10	64QAM	1	0	21.89	21.80	21.92
10	64QAM	1	25	21.95	21.98	21.90
10	64QAM	1	49	21.80	21.82	21.67
10	64QAM	25	0	20.86	20.86	20.95
10	64QAM	25	12	20.91	20.89	20.83
10	64QAM	25	25	20.91	20.92	20.77
10	64QAM	50	0	20.79	20.98	20.93





LTE Band 17						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23755	23790	23825
Frequency (MHz)				706.5	710	713.5
5	QPSK	1	0	23.77	23.83	23.75
5	QPSK	1	12	23.57	23.81	23.73
5	QPSK	1	24	23.79	23.75	23.75
5	QPSK	12	0	22.82	22.83	22.81
5	QPSK	12	7	22.90	22.77	22.79
5	QPSK	12	13	22.79	22.80	22.73
5	QPSK	25	0	22.77	22.81	22.66
5	16QAM	1	0	22.80	22.91	22.70
5	16QAM	1	12	22.92	22.94	22.84
5	16QAM	1	24	22.89	22.68	22.76
5	16QAM	12	0	21.93	21.90	21.77
5	16QAM	12	7	21.79	21.75	21.75
5	16QAM	12	13	21.95	21.83	21.83
5	16QAM	25	0	21.89	21.90	21.91
5	64QAM	1	0	21.88	21.84	21.91
5	64QAM	1	12	21.69	21.94	21.69
5	64QAM	1	24	21.72	21.62	21.79
5	64QAM	12	0	20.88	20.85	20.86
5	64QAM	12	7	20.83	20.95	20.97
5	64QAM	12	13	20.77	20.78	20.94
5	64QAM	25	0	20.77	20.85	20.82



LTE Band 18						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23965	23970	23975
Frequency (MHz)				826.5	827	827.5
5	QPSK	1	0	23.82	23.75	23.84
5	QPSK	1	12	23.75	23.76	23.83
5	QPSK	1	24	23.52	23.54	23.63
5	QPSK	12	0	22.74	22.85	22.86
5	QPSK	12	7	22.58	22.58	22.68
5	QPSK	12	13	22.74	22.79	22.84
5	QPSK	25	0	22.67	22.75	22.76
5	16QAM	1	0	22.72	22.73	22.80
5	16QAM	1	12	22.85	22.89	22.91
5	16QAM	1	24	22.58	22.51	22.62
5	16QAM	12	0	21.81	21.81	21.84
5	16QAM	12	7	21.64	21.60	21.70
5	16QAM	12	13	21.72	21.69	21.79
5	16QAM	25	0	21.73	21.78	21.79
5	64QAM	1	0	21.77	21.73	21.84
5	64QAM	1	12	21.59	21.60	21.63
5	64QAM	1	24	21.72	21.72	21.77
5	64QAM	12	0	20.82	20.80	20.85
5	64QAM	12	7	20.75	20.86	20.87
5	64QAM	12	13	20.67	20.73	20.79
5	64QAM	25	0	20.71	20.73	20.79



LTE Band 19						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				/	24075	/
Frequency (MHz)				/	837.5	/
15	QPSK	1	0	/	22.84	/
15	QPSK	1	37	/	22.71	/
15	QPSK	1	74	/	22.68	/
15	QPSK	36	0	/	21.91	/
15	QPSK	36	20	/	21.67	/
15	QPSK	36	39	/	21.59	/
15	QPSK	75	0	/	21.67	/
15	16QAM	1	0	/	21.73	/
15	16QAM	1	37	/	21.60	/
15	16QAM	1	74	/	21.74	/
15	16QAM	36	0	/	20.87	/
15	16QAM	36	20	/	20.56	/
15	16QAM	36	39	/	20.78	/
15	16QAM	75	0	/	20.75	/
15	64QAM	1	0	/	20.85	/
15	64QAM	1	37	/	20.82	/
15	64QAM	1	74	/	20.65	/
15	64QAM	36	0	/	19.82	/
15	64QAM	36	20	/	19.77	/
15	64QAM	36	39	/	19.93	/
15	64QAM	75	0	/	19.70	/



LTE Band 19						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				24050	24075	24100
Frequency (MHz)				835	837.5	840
10	QPSK	1	0	23.55	23.81	23.74
10	QPSK	1	25	23.55	23.65	23.62
10	QPSK	1	49	23.59	23.66	23.77
10	QPSK	25	0	22.71	22.83	22.74
10	QPSK	25	12	22.63	22.69	22.79
10	QPSK	25	25	22.59	22.67	22.70
10	QPSK	50	0	22.68	22.71	22.64
10	16QAM	1	0	22.73	22.75	22.82
10	16QAM	1	25	22.78	22.87	22.86
10	16QAM	1	49	22.70	22.86	22.69
10	16QAM	25	0	21.79	21.87	21.82
10	16QAM	25	12	21.70	21.81	21.60
10	16QAM	25	25	21.83	21.80	21.77
10	16QAM	50	0	21.70	21.61	21.63
10	64QAM	1	0	21.74	21.88	21.89
10	64QAM	1	25	21.76	21.73	21.54
10	64QAM	1	49	21.88	21.86	21.87
10	64QAM	25	0	20.83	20.90	20.75
10	64QAM	25	12	20.82	20.77	20.97
10	64QAM	25	25	20.84	20.67	20.73
10	64QAM	50	0	20.67	20.74	20.70



LTE Band 19						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				24025	24075	24125
Frequency (MHz)				832.5	837.5	842.5
5	QPSK	1	0	23.71	23.80	23.75
5	QPSK	1	12	23.57	23.59	23.79
5	QPSK	1	24	23.63	23.71	23.78
5	QPSK	12	0	22.69	22.85	22.78
5	QPSK	12	7	22.83	22.88	22.59
5	QPSK	12	13	22.62	22.84	22.81
5	QPSK	25	0	22.63	22.76	22.93
5	16QAM	1	0	22.69	22.94	22.60
5	16QAM	1	12	22.75	22.65	22.65
5	16QAM	1	24	22.66	22.58	22.82
5	16QAM	12	0	21.63	21.69	21.75
5	16QAM	12	7	21.64	21.58	21.70
5	16QAM	12	13	21.83	21.91	21.67
5	16QAM	25	0	21.73	21.77	21.79
5	64QAM	1	0	21.67	21.66	21.71
5	64QAM	1	12	21.66	21.66	21.54
5	64QAM	1	24	21.60	21.52	21.58
5	64QAM	12	0	20.88	20.92	20.76
5	64QAM	12	7	20.65	20.77	20.94
5	64QAM	12	13	20.69	20.82	20.85
5	64QAM	25	0	20.63	20.99	20.79



LTE Band 25						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26140	26365	26590
Frequency (MHz)				1860	1882.5	1905
20	QPSK	1	0	23.37	23.42	23.28
20	QPSK	1	49	23.21	23.16	23.29
20	QPSK	1	99	23.31	23.33	23.31
20	QPSK	50	0	22.36	22.45	22.43
20	QPSK	50	24	22.17	22.43	22.28
20	QPSK	50	50	22.32	22.39	22.34
20	QPSK	100	0	22.38	22.30	22.24
20	16QAM	1	0	22.32	22.43	22.22
20	16QAM	1	49	22.12	22.41	22.22
20	16QAM	1	99	22.33	22.35	22.27
20	16QAM	50	0	21.24	21.29	21.41
20	16QAM	50	24	21.21	21.34	21.11
20	16QAM	50	50	21.34	21.36	21.25
20	16QAM	100	0	21.43	21.25	21.35
20	64QAM	1	0	21.20	21.38	21.24
20	64QAM	1	49	21.29	21.38	21.18
20	64QAM	1	99	21.34	21.32	21.27
20	64QAM	50	0	20.34	20.40	20.38
20	64QAM	50	24	20.37	20.41	20.35
20	64QAM	50	50	20.37	20.37	20.17
20	64QAM	100	0	20.32	20.28	20.35



LTE Band 25						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26115	26365	26615
Frequency (MHz)				1857.5	1882.5	1907.5
15	QPSK	1	0	23.16	23.39	23.19
15	QPSK	1	37	23.34	23.33	23.23
15	QPSK	1	74	23.12	23.22	23.36
15	QPSK	36	0	23.39	22.44	22.41
15	QPSK	36	20	22.33	22.38	22.35
15	QPSK	36	39	22.30	22.30	22.26
15	QPSK	75	0	22.35	22.20	22.32
15	16QAM	1	0	22.41	22.40	22.42
15	16QAM	1	37	22.18	22.20	22.34
15	16QAM	1	74	22.19	22.27	22.17
15	16QAM	36	0	21.40	21.44	21.29
15	16QAM	36	20	21.31	21.19	21.18
15	16QAM	36	39	21.31	21.34	21.37
15	16QAM	75	0	21.28	21.23	21.20
15	64QAM	1	0	21.23	21.42	21.29
15	64QAM	1	37	21.44	21.34	21.25
15	64QAM	1	74	21.46	21.37	21.38
15	64QAM	36	0	20.34	20.41	20.39
15	64QAM	36	20	20.29	20.40	20.22
15	64QAM	36	39	20.28	20.32	20.18
15	64QAM	75	0	20.29	20.36	20.30



LTE Band 25						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26090	26365	26640
Frequency (MHz)				1855	1882.5	1910
10	QPSK	1	0	23.31	23.40	23.28
10	QPSK	1	25	23.15	23.35	23.14
10	QPSK	1	49	23.36	23.25	23.27
10	QPSK	25	0	22.26	22.39	22.41
10	QPSK	25	12	22.24	22.33	22.40
10	QPSK	25	25	22.23	22.30	22.35
10	QPSK	50	0	22.32	22.28	22.42
10	16QAM	1	0	22.33	22.38	22.21
10	16QAM	1	25	22.29	22.22	22.32
10	16QAM	1	49	22.30	22.21	22.39
10	16QAM	25	0	21.19	21.42	21.25
10	16QAM	25	12	21.36	21.28	21.45
10	16QAM	25	25	21.34	21.45	21.25
10	16QAM	50	0	21.29	21.31	21.26
10	64QAM	1	0	21.29	21.26	21.17
10	64QAM	1	25	21.31	21.33	21.34
10	64QAM	1	49	21.30	21.13	21.34
10	64QAM	25	0	20.37	20.37	20.40
10	64QAM	25	12	20.23	20.29	20.32
10	64QAM	25	25	20.25	20.22	20.43
10	64QAM	50	0	20.43	20.41	20.40





LTE Band 25						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26065	26365	26665
Frequency (MHz)				1852.5	1882.5	1912.5
5	QPSK	1	0	23.29	23.37	23.26
5	QPSK	1	12	23.14	23.20	23.21
5	QPSK	1	24	23.33	23.28	23.15
5	QPSK	12	0	22.32	22.38	22.37
5	QPSK	12	7	22.38	22.30	22.26
5	QPSK	12	13	22.29	22.37	22.26
5	QPSK	25	0	22.19	22.23	22.36
5	16QAM	1	0	22.44	22.45	22.36
5	16QAM	1	12	22.34	22.39	22.30
5	16QAM	1	24	22.43	22.36	22.41
5	16QAM	12	0	21.41	21.37	21.31
5	16QAM	12	7	21.28	21.33	21.15
5	16QAM	12	13	21.34	21.40	21.16
5	16QAM	25	0	21.29	21.22	21.26
5	64QAM	1	0	21.16	21.41	21.24
5	64QAM	1	12	21.43	21.34	21.25
5	64QAM	1	24	21.22	21.36	21.26
5	64QAM	12	0	20.38	20.36	20.33
5	64QAM	12	7	20.34	20.32	20.36
5	64QAM	12	13	20.38	20.23	20.16
5	64QAM	25	0	20.39	20.33	20.27



LTE Band 25						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26055	26365	26675
Frequency (MHz)				1851.5	1882.5	1913.5
3	QPSK	1	0	23.22	23.38	23.22
3	QPSK	1	8	23.31	23.15	23.11
3	QPSK	1	14	23.25	23.29	23.42
3	QPSK	8	0	22.33	22.37	22.36
3	QPSK	8	4	22.29	22.30	22.28
3	QPSK	8	7	22.24	22.17	22.33
3	QPSK	15	0	22.22	22.44	22.25
3	16QAM	1	0	22.39	22.33	22.34
3	16QAM	1	8	22.41	22.29	22.26
3	16QAM	1	14	22.33	22.23	22.08
3	16QAM	8	0	21.19	21.40	21.39
3	16QAM	8	4	21.25	21.23	21.15
3	16QAM	8	7	21.31	21.33	21.41
3	16QAM	15	0	21.35	21.37	21.13
3	64QAM	1	0	21.34	21.33	21.39
3	64QAM	1	8	21.36	21.39	21.16
3	64QAM	1	14	21.18	21.20	21.25
3	64QAM	8	0	20.35	20.39	20.34
3	64QAM	8	4	20.28	20.42	20.38
3	64QAM	8	7	20.32	20.27	20.28
3	64QAM	15	0	20.38	20.26	20.33



LTE Band 25						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26047	26365	26683
Frequency (MHz)				1850.7	1882.5	1914.3
1.4	QPSK	1	0	23.31	23.37	23.20
1.4	QPSK	1	3	23.19	23.35	23.23
1.4	QPSK	1	5	23.32	23.24	23.24
1.4	QPSK	3	0	22.42	22.45	22.34
1.4	QPSK	3	1	22.21	22.32	22.36
1.4	QPSK	3	3	22.31	22.36	22.31
1.4	QPSK	6	0	22.36	22.31	22.28
1.4	16QAM	1	0	22.34	22.35	22.36
1.4	16QAM	1	3	22.11	22.18	22.38
1.4	16QAM	1	5	22.33	22.36	22.21
1.4	16QAM	3	0	21.42	21.32	21.36
1.4	16QAM	3	1	21.18	21.37	21.42
1.4	16QAM	3	3	21.42	21.43	21.39
1.4	16QAM	6	0	21.24	21.29	21.19
1.4	64QAM	1	0	21.23	21.35	21.32
1.4	64QAM	1	3	21.23	21.37	21.16
1.4	64QAM	1	5	21.41	21.44	21.42
1.4	64QAM	3	0	20.37	20.41	20.33
1.4	64QAM	3	1	20.33	20.34	20.31
1.4	64QAM	3	3	20.32	20.45	20.26
1.4	64QAM	6	0	20.42	20.43	20.36



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	23.88	23.72	23.80
15	QPSK	1	37	23.77	23.77	23.79
15	QPSK	1	74	23.71	23.69	23.81
15	QPSK	36	0	22.90	22.61	22.71
15	QPSK	36	20	22.85	22.49	22.60
15	QPSK	36	39	22.71	22.81	22.86
15	QPSK	75	0	22.73	22.69	22.77
15	16QAM	1	0	22.76	22.51	22.60
15	16QAM	1	37	22.80	22.70	22.81
15	16QAM	1	74	22.70	22.51	22.59
15	16QAM	36	0	21.70	21.62	21.66
15	16QAM	36	20	21.58	21.62	21.68
15	16QAM	36	39	21.87	21.77	21.89
15	16QAM	75	0	21.65	21.54	21.61
15	64QAM	1	0	21.93	21.66	21.77
15	64QAM	1	37	21.90	21.60	21.61
15	64QAM	1	74	21.83	21.47	21.55
15	64QAM	36	0	20.81	20.83	20.85
15	64QAM	36	20	20.72	20.69	20.78
15	64QAM	36	39	20.64	20.69	20.71
15	64QAM	75	0	20.76	20.73	20.83



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				26840	26915	26990
Frequency (MHz)				829.0	836.5	844.0
10	QPSK	1	0	23.55	23.66	23.67
10	QPSK	1	25	23.78	23.74	23.79
10	QPSK	1	49	23.62	23.57	23.69
10	QPSK	25	0	22.72	22.80	22.83
10	QPSK	25	12	22.85	22.84	22.91
10	QPSK	25	25	22.67	22.67	22.70
10	QPSK	50	0	22.85	22.75	22.86
10	16QAM	1	0	22.69	22.74	22.78
10	16QAM	1	25	22.89	22.80	22.90
10	16QAM	1	49	22.80	22.72	22.82
10	16QAM	25	0	21.77	21.85	21.88
10	16QAM	25	12	21.46	21.52	21.54
10	16QAM	25	25	21.76	21.77	21.81
10	16QAM	50	0	21.62	21.61	21.64
10	64QAM	1	0	21.60	21.71	21.72
10	64QAM	1	25	21.44	21.47	21.56
10	64QAM	1	49	21.48	21.55	21.59
10	64QAM	25	0	20.86	20.80	20.87
10	64QAM	25	12	20.81	20.74	20.85
10	64QAM	25	25	20.76	20.81	20.82
10	64QAM	50	0	20.87	20.77	20.88



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				26815	26915	27015
Frequency (MHz)				826.5	836.5	846.5
5	QPSK	1	0	23.46	23.41	23.53
5	QPSK	1	12	23.47	23.51	23.58
5	QPSK	1	24	23.72	23.79	23.83
5	QPSK	12	0	22.83	22.86	22.95
5	QPSK	12	7	22.51	22.56	22.59
5	QPSK	12	13	22.87	22.81	22.88
5	QPSK	25	0	22.69	22.68	22.77
5	16QAM	1	0	22.81	22.84	22.85
5	16QAM	1	12	22.65	22.62	22.73
5	16QAM	1	24	22.53	22.50	22.58
5	16QAM	12	0	21.81	21.77	21.87
5	16QAM	12	7	21.45	21.43	21.52
5	16QAM	12	13	21.66	21.68	21.69
5	16QAM	25	0	21.65	21.66	21.73
5	64QAM	1	0	21.68	21.65	21.76
5	64QAM	1	12	21.49	21.51	21.58
5	64QAM	1	24	21.56	21.52	21.59
5	64QAM	12	0	20.76	20.80	20.82
5	64QAM	12	7	20.76	20.78	20.79
5	64QAM	12	13	20.59	20.62	20.64
5	64QAM	25	0	20.66	20.64	20.75



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	23.73	23.78	23.80
3	QPSK	1	8	23.42	23.46	23.52
3	QPSK	1	14	23.55	23.58	23.59
3	QPSK	8	0	22.81	22.77	22.87
3	QPSK	8	4	22.69	22.78	22.81
3	QPSK	8	7	22.61	22.58	22.69
3	QPSK	15	0	22.70	22.68	22.77
3	16QAM	1	0	22.50	22.53	22.57
3	16QAM	1	8	22.69	22.77	22.79
3	16QAM	1	14	22.67	22.68	22.77
3	16QAM	8	0	21.88	21.83	21.94
3	16QAM	8	4	21.53	21.58	21.62
3	16QAM	8	7	21.53	21.54	21.62
3	16QAM	15	0	21.72	21.67	21.76
3	64QAM	1	0	21.73	21.69	21.74
3	64QAM	1	8	21.49	21.55	21.59
3	64QAM	1	14	21.74	21.78	21.79
3	64QAM	8	0	20.86	20.77	20.89
3	64QAM	8	4	20.69	20.67	20.74
3	64QAM	8	7	20.79	20.86	20.88
3	64QAM	15	0	20.85	20.88	20.90



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	23.70	23.73	23.81
1.4	QPSK	1	3	23.54	23.61	23.66
1.4	QPSK	1	5	23.70	23.75	23.80
1.4	QPSK	3	0	22.77	22.76	22.81
1.4	QPSK	3	1	22.65	22.70	22.77
1.4	QPSK	3	3	22.69	22.64	22.76
1.4	QPSK	6	0	22.86	22.91	22.94
1.4	16QAM	1	0	22.53	22.44	22.56
1.4	16QAM	1	3	22.58	22.53	22.65
1.4	16QAM	1	5	22.55	22.54	22.60
1.4	16QAM	3	0	21.75	21.81	21.86
1.4	16QAM	3	1	21.54	21.53	21.61
1.4	16QAM	3	3	21.81	21.77	21.82
1.4	16QAM	6	0	21.75	21.65	21.76
1.4	64QAM	1	0	21.49	21.51	21.56
1.4	64QAM	1	3	21.54	21.61	21.63
1.4	64QAM	1	5	21.58	21.59	21.63
1.4	64QAM	3	0	20.66	20.72	20.77
1.4	64QAM	3	1	20.68	20.63	20.71
1.4	64QAM	3	3	20.50	20.51	20.54
1.4	64QAM	6	0	20.78	20.80	20.88





LTE Band 30						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				/	27710	/
Frequency (MHz)				/	2310	/
10	QPSK	1	0	/	22.88	/
10	QPSK	1	25	/	22.78	/
10	QPSK	1	49	/	22.71	/
10	QPSK	25	0	/	21.90	/
10	QPSK	25	12	/	21.82	/
10	QPSK	25	25	/	21.89	/
10	QPSK	50	0	/	21.82	/
10	16QAM	1	0	/	21.87	/
10	16QAM	1	25	/	21.84	/
10	16QAM	1	49	/	21.95	/
10	16QAM	25	0	/	20.99	/
10	16QAM	25	12	/	21.01	/
10	16QAM	25	25	/	20.74	/
10	16QAM	50	0	/	20.84	/
10	64QAM	1	0	/	20.95	/
10	64QAM	1	25	/	20.96	/
10	64QAM	1	49	/	20.89	/
10	64QAM	25	0	/	19.92	/
10	64QAM	25	12	/	19.98	/
10	64QAM	25	25	/	19.94	/
10	64QAM	50	0	/	19.93	/



LTE Band 30						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				27685	27710	27735
Frequency (MHz)				2307.5	2310	2312.5
5	QPSK	1	0	22.74	22.85	22.64
5	QPSK	1	12	22.69	22.65	22.62
5	QPSK	1	24	22.81	22.77	22.79
5	QPSK	12	0	21.80	22.01	21.82
5	QPSK	12	7	21.89	21.98	22.02
5	QPSK	12	13	21.77	21.85	21.96
5	QPSK	25	0	21.75	21.71	21.96
5	16QAM	1	0	21.91	21.87	21.74
5	16QAM	1	12	21.70	21.97	22.02
5	16QAM	1	24	21.90	21.96	21.74
5	16QAM	12	0	20.75	20.96	20.97
5	16QAM	12	7	20.77	20.81	20.63
5	16QAM	12	13	20.81	20.83	20.72
5	16QAM	25	0	20.76	20.71	20.68
5	64QAM	1	0	20.84	20.81	20.65
5	64QAM	1	12	21.00	20.90	20.71
5	64QAM	1	24	20.80	20.70	20.83
5	64QAM	12	0	19.89	19.93	19.85
5	64QAM	12	7	19.98	19.79	19.69
5	64QAM	12	13	19.67	19.81	19.75
5	64QAM	25	0	19.81	19.79	19.87



LTE Band 41 (Power Class 2)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39750	40620	41490
Frequency (MHz)				2506	2593	2680
20	QPSK	1	0	26.20	26.43	26.16
20	QPSK	1	49	26.04	26.16	26.31
20	QPSK	1	99	26.21	26.30	26.28
20	QPSK	50	0	25.41	25.46	25.26
20	QPSK	50	24	25.33	25.39	25.30
20	QPSK	50	50	25.26	25.28	25.23
20	QPSK	100	0	25.16	25.22	25.24
20	16QAM	1	0	25.39	25.40	25.35
20	16QAM	1	49	25.38	25.22	25.44
20	16QAM	1	99	25.46	25.26	25.41
20	16QAM	50	0	24.30	24.27	24.26
20	16QAM	50	24	24.27	24.10	24.28
20	16QAM	50	50	24.23	24.37	24.21
20	16QAM	100	0	24.28	24.21	24.36
20	64QAM	1	0	24.43	24.42	24.36
20	64QAM	1	49	24.22	24.22	24.38
20	64QAM	1	99	24.42	24.39	24.15
20	64QAM	50	0	23.45	23.35	23.36
20	64QAM	50	24	23.32	23.44	23.44
20	64QAM	50	50	23.23	23.22	23.43
20	64QAM	100	0	23.34	23.38	23.39



LTE Band 41 (Power Class 2)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39725	40620	41515
Frequency (MHz)				2503.5	2593	2682.5
15	QPSK	1	0	26.30	26.40	26.25
15	QPSK	1	37	26.37	26.31	26.12
15	QPSK	1	74	26.33	26.36	26.20
15	QPSK	36	0	25.24	25.48	25.35
15	QPSK	36	20	25.39	25.38	25.32
15	QPSK	36	39	25.30	25.27	25.43
15	QPSK	75	0	25.38	25.29	25.40
15	16QAM	1	0	25.20	25.43	25.30
15	16QAM	1	37	25.11	25.33	25.43
15	16QAM	1	74	25.35	25.07	25.15
15	16QAM	36	0	24.20	24.47	24.31
15	16QAM	36	20	24.23	24.18	24.18
15	16QAM	36	39	24.27	24.23	24.30
15	16QAM	75	0	24.44	24.43	24.24
15	64QAM	1	0	24.45	24.20	24.21
15	64QAM	1	37	24.30	24.38	24.12
15	64QAM	1	74	24.19	24.42	24.14
15	64QAM	36	0	23.31	23.41	23.34
15	64QAM	36	20	23.32	23.36	23.39
15	64QAM	36	39	23.43	23.34	23.16
15	64QAM	75	0	23.25	23.42	23.36



LTE Band 41 (Power Class 2)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39700	40620	41540
Frequency (MHz)				2501	2593	2685
10	QPSK	1	0	26.15	26.41	26.12
10	QPSK	1	25	26.14	26.12	26.30
10	QPSK	1	49	26.40	26.39	26.20
10	QPSK	25	0	25.32	25.48	25.38
10	QPSK	25	12	25.28	25.30	25.44
10	QPSK	25	25	25.44	25.22	25.44
10	QPSK	50	0	25.19	25.42	25.25
10	16QAM	1	0	25.31	25.45	25.40
10	16QAM	1	25	25.16	25.38	25.30
10	16QAM	1	49	25.42	25.07	25.19
10	16QAM	25	0	24.20	24.24	24.20
10	16QAM	25	12	24.49	24.42	24.15
10	16QAM	25	25	24.34	24.29	24.36
10	16QAM	50	0	24.48	24.41	24.13
10	64QAM	1	0	24.39	24.26	24.34
10	64QAM	1	25	24.51	24.44	24.18
10	64QAM	1	49	24.39	24.26	24.35
10	64QAM	25	0	23.34	23.37	23.45
10	64QAM	25	12	23.52	23.37	23.49
10	64QAM	25	25	23.32	23.28	23.49
10	64QAM	50	0	23.28	23.37	23.30



LTE Band 41 (Power Class 2)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39675	40620	41565
Frequency (MHz)				2498.5	2593	2687.5
5	QPSK	1	0	26.15	26.39	26.33
5	QPSK	1	12	26.16	26.37	26.08
5	QPSK	1	24	26.14	26.28	26.25
5	QPSK	12	0	25.49	25.37	25.44
5	QPSK	12	7	25.48	25.52	25.29
5	QPSK	12	13	25.48	25.43	25.38
5	QPSK	25	0	25.19	25.42	25.25
5	16QAM	1	0	25.28	25.48	25.26
5	16QAM	1	12	25.30	25.30	25.33
5	16QAM	1	24	25.30	25.07	25.32
5	16QAM	12	0	24.19	24.51	24.51
5	16QAM	12	7	24.35	24.14	24.15
5	16QAM	12	13	24.40	24.46	24.42
5	16QAM	25	0	24.32	24.39	24.34
5	64QAM	1	0	24.48	24.27	24.37
5	64QAM	1	12	24.43	24.09	24.12
5	64QAM	1	24	24.25	24.25	24.30
5	64QAM	12	0	23.55	23.46	23.37
5	64QAM	12	7	23.35	23.43	23.52
5	64QAM	12	13	23.16	23.41	23.14
5	64QAM	25	0	23.28	23.48	23.22



LTE Band 41 (Power Class 3)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39750	40620	41490
Frequency (MHz)				2506	2593	2680
20	QPSK	1	0	23.35	23.45	23.28
20	QPSK	1	49	23.20	23.40	23.28
20	QPSK	1	99	23.14	23.33	23.19
20	QPSK	50	0	22.38	22.46	22.28
20	QPSK	50	24	22.26	22.25	22.30
20	QPSK	50	50	22.33	22.31	22.25
20	QPSK	100	0	22.38	22.42	22.26
20	16QAM	1	0	22.20	22.43	22.19
20	16QAM	1	49	22.10	22.22	22.23
20	16QAM	1	99	22.29	22.18	22.09
20	16QAM	50	0	21.20	21.24	21.33
20	16QAM	50	24	21.22	21.38	21.26
20	16QAM	50	50	21.27	21.30	21.26
20	16QAM	100	0	21.28	21.33	21.20
20	64QAM	1	0	21.23	21.38	21.18
20	64QAM	1	49	21.24	21.23	21.28
20	64QAM	1	99	21.33	21.26	21.30
20	64QAM	50	0	20.36	20.46	20.35
20	64QAM	50	24	20.29	20.34	20.38
20	64QAM	50	50	20.39	20.32	20.25
20	64QAM	100	0	20.36	20.28	20.33



LTE Band 41 (Power Class 3)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39725	40620	41515
Frequency (MHz)				2503.5	2593	2682.5
15	QPSK	1	0	23.31	23.41	23.24
15	QPSK	1	37	23.39	23.09	23.14
15	QPSK	1	74	23.30	23.37	23.40
15	QPSK	36	0	22.44	22.51	22.40
15	QPSK	36	20	22.39	22.39	22.22
15	QPSK	36	39	22.18	22.47	22.39
15	QPSK	75	0	22.23	22.41	22.41
15	16QAM	1	0	22.40	22.42	22.42
15	16QAM	1	37	22.38	22.23	22.27
15	16QAM	1	74	22.19	22.09	22.08
15	16QAM	36	0	21.39	21.27	21.23
15	16QAM	36	20	21.26	21.30	21.20
15	16QAM	36	39	21.36	21.22	21.36
15	16QAM	75	0	21.38	21.31	21.40
15	64QAM	1	0	21.20	21.40	21.31
15	64QAM	1	37	21.39	21.26	21.14
15	64QAM	1	74	21.45	21.45	21.18
15	64QAM	36	0	20.46	20.45	20.33
15	64QAM	36	20	20.44	20.44	20.40
15	64QAM	36	39	20.23	20.18	20.17
15	64QAM	75	0	20.23	20.40	20.35





LTE Band 41 (Power Class 3)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39700	40620	41540
Frequency (MHz)				2501	2593	2685
10	QPSK	1	0	23.23	23.42	23.35
10	QPSK	1	25	23.07	23.41	23.30
10	QPSK	1	49	23.14	23.34	23.22
10	QPSK	25	0	22.25	22.43	22.38
10	QPSK	25	12	22.38	22.27	22.27
10	QPSK	25	25	22.41	22.31	22.34
10	QPSK	50	0	22.39	22.39	22.23
10	16QAM	1	0	22.48	22.36	22.26
10	16QAM	1	25	22.26	22.44	22.35
10	16QAM	1	49	22.36	22.07	22.19
10	16QAM	25	0	21.23	21.31	21.30
10	16QAM	25	12	21.45	21.18	21.38
10	16QAM	25	25	21.33	21.31	21.48
10	16QAM	50	0	21.22	21.25	21.38
10	64QAM	1	0	21.32	21.41	21.18
10	64QAM	1	25	21.21	21.41	21.40
10	64QAM	1	49	21.41	21.25	21.47
10	64QAM	25	0	20.37	20.38	20.33
10	64QAM	25	12	20.41	20.35	20.48
10	64QAM	25	25	20.21	20.34	20.19
10	64QAM	50	0	20.28	20.27	20.28



LTE Band 41 (Power Class 3)						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39675	40620	41565
Frequency (MHz)				2498.5	2593	2687.5
5	QPSK	1	0	23.19	23.41	23.35
5	QPSK	1	12	23.07	23.30	23.19
5	QPSK	1	24	23.38	23.18	23.35
5	QPSK	12	0	22.20	22.42	22.35
5	QPSK	12	7	22.14	22.19	22.40
5	QPSK	12	13	22.45	22.45	22.20
5	QPSK	25	0	22.29	22.47	22.39
5	16QAM	1	0	22.26	22.26	22.39
5	16QAM	1	12	22.33	22.44	22.25
5	16QAM	1	24	22.21	22.19	22.32
5	16QAM	12	0	21.40	21.25	21.39
5	16QAM	12	7	21.41	21.26	21.43
5	16QAM	12	13	21.28	21.38	21.24
5	16QAM	25	0	21.38	21.18	21.25
5	64QAM	1	0	21.28	21.47	21.46
5	64QAM	1	12	21.30	21.39	21.16
5	64QAM	1	24	21.27	21.43	21.37
5	64QAM	12	0	20.33	20.43	20.42
5	64QAM	12	7	20.41	20.38	20.45
5	64QAM	12	13	20.23	20.23	20.28
5	64QAM	25	0	20.30	20.40	20.34



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				132072	132322	132572
Frequency (MHz)				1720	1745	1770
20	QPSK	1	0	23.36	23.41	23.32
20	QPSK	1	49	23.24	23.37	23.13
20	QPSK	1	99	23.15	23.35	23.20
20	QPSK	50	0	22.33	22.40	22.39
20	QPSK	50	24	22.21	22.27	22.19
20	QPSK	50	50	22.22	22.24	22.31
20	QPSK	100	0	22.28	22.24	22.22
20	16QAM	1	0	22.19	22.28	22.30
20	16QAM	1	49	22.28	22.19	22.35
20	16QAM	1	99	22.34	22.22	22.26
20	16QAM	50	0	21.22	21.38	21.38
20	16QAM	50	24	21.39	21.42	21.34
20	16QAM	50	50	21.33	21.25	21.41
20	16QAM	100	0	21.44	21.35	21.40
20	64QAM	1	0	21.18	21.33	21.21
20	64QAM	1	49	21.24	21.40	21.16
20	64QAM	1	99	21.36	21.19	21.34
20	64QAM	50	0	20.41	20.39	20.32
20	64QAM	50	24	20.39	20.28	20.30
20	64QAM	50	50	20.27	20.25	20.28
20	64QAM	100	0	20.23	20.31	20.27



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	23.32	23.38	23.29
15	QPSK	1	37	23.07	23.21	23.15
15	QPSK	1	74	23.11	23.30	23.24
15	QPSK	36	0	22.29	22.44	22.39
15	QPSK	36	20	22.31	22.35	22.24
15	QPSK	36	39	22.37	22.24	22.37
15	QPSK	75	0	22.26	22.28	22.35
15	16QAM	1	0	22.33	22.33	22.33
15	16QAM	1	37	22.30	22.25	22.35
15	16QAM	1	74	22.31	22.17	22.16
15	16QAM	36	0	21.36	21.42	21.38
15	16QAM	36	20	21.21	21.20	21.22
15	16QAM	36	39	21.35	21.27	21.20
15	16QAM	75	0	21.42	21.23	21.40
15	64QAM	1	0	21.15	21.40	21.27
15	64QAM	1	37	21.33	21.23	21.23
15	64QAM	1	74	21.25	21.20	21.26
15	64QAM	36	0	20.44	20.39	20.34
15	64QAM	36	20	20.45	20.26	20.33
15	64QAM	36	39	20.26	20.31	20.22
15	64QAM	75	0	20.40	20.39	20.48



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				132022	132322	132622
Frequency (MHz)				1715	1745	1775
10	QPSK	1	0	23.32	23.38	23.19
10	QPSK	1	25	23.20	23.32	23.23
10	QPSK	1	49	23.24	23.20	23.25
10	QPSK	25	0	22.27	22.42	22.35
10	QPSK	25	12	22.25	22.27	22.40
10	QPSK	25	25	22.35	22.24	22.41
10	QPSK	50	0	22.40	22.38	22.20
10	16QAM	1	0	22.22	22.28	22.13
10	16QAM	1	25	22.13	22.34	22.49
10	16QAM	1	49	22.28	22.16	22.27
10	16QAM	25	0	21.18	21.31	21.23
10	16QAM	25	12	21.44	21.20	21.13
10	16QAM	25	25	21.32	21.36	21.45
10	16QAM	50	0	21.18	21.41	21.20
10	64QAM	1	0	21.28	21.41	21.20
10	64QAM	1	25	21.37	21.31	21.44
10	64QAM	1	49	21.30	21.12	21.30
10	64QAM	25	0	20.31	20.42	20.44
10	64QAM	25	12	20.29	20.30	20.43
10	64QAM	25	25	20.23	20.40	20.38
10	64QAM	50	0	20.44	20.26	20.35



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				131997	132322	132647
Frequency (MHz)				1712.5	1745	1777.5
5	QPSK	1	0	23.37	23.36	23.22
5	QPSK	1	12	23.14	23.22	23.17
5	QPSK	1	24	23.22	23.32	23.24
5	QPSK	12	0	22.36	22.29	22.29
5	QPSK	12	7	22.30	22.33	22.23
5	QPSK	12	13	22.25	22.31	22.29
5	QPSK	25	0	22.29	22.26	22.33
5	16QAM	1	0	22.19	22.31	22.14
5	16QAM	1	12	22.12	22.40	22.26
5	16QAM	1	24	22.37	22.15	22.37
5	16QAM	12	0	21.22	21.32	21.28
5	16QAM	12	7	21.33	21.39	21.30
5	16QAM	12	13	21.30	21.28	21.43
5	16QAM	25	0	21.17	21.24	21.28
5	64QAM	1	0	21.37	21.33	21.26
5	64QAM	1	12	21.26	21.41	21.38
5	64QAM	1	24	21.17	21.21	21.21
5	64QAM	12	0	20.41	20.39	20.48
5	64QAM	12	7	20.33	20.32	20.33
5	64QAM	12	13	20.21	20.20	20.25
5	64QAM	25	0	20.40	20.28	20.47



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	23.33	23.39	23.34
3	QPSK	1	8	23.38	23.15	23.33
3	QPSK	1	14	23.25	23.27	23.28
3	QPSK	8	0	22.39	22.28	22.36
3	QPSK	8	4	22.26	22.29	22.24
3	QPSK	8	7	22.39	22.25	22.23
3	QPSK	15	0	22.44	22.52	22.49
3	16QAM	1	0	22.39	22.39	22.21
3	16QAM	1	8	22.40	22.33	22.43
3	16QAM	1	14	22.40	22.40	22.16
3	16QAM	8	0	21.42	21.44	21.26
3	16QAM	8	4	21.47	21.47	21.26
3	16QAM	8	7	21.21	21.32	21.23
3	16QAM	15	0	21.25	21.33	21.16
3	64QAM	1	0	21.18	21.37	21.28
3	64QAM	1	8	21.32	21.31	21.13
3	64QAM	1	14	21.30	21.22	21.25
3	64QAM	8	0	20.42	20.38	20.30
3	64QAM	8	4	20.27	20.27	20.39
3	64QAM	8	7	20.35	20.40	20.33
3	64QAM	15	0	20.30	20.54	20.37



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				131979	132322	132665
Frequency (MHz)				1710.7	1745	1779.3
1.4	QPSK	1	0	23.17	23.37	23.36
1.4	QPSK	1	3	23.15	23.26	23.18
1.4	QPSK	1	5	23.29	23.24	23.13
1.4	QPSK	3	0	22.36	22.41	22.45
1.4	QPSK	3	1	22.21	22.41	22.46
1.4	QPSK	3	3	22.18	22.35	22.45
1.4	QPSK	6	0	22.40	22.35	22.19
1.4	16QAM	1	0	22.38	22.60	22.17
1.4	16QAM	1	3	22.12	22.51	22.37
1.4	16QAM	1	5	22.20	22.46	22.15
1.4	16QAM	3	0	21.27	21.62	21.33
1.4	16QAM	3	1	21.46	21.40	21.30
1.4	16QAM	3	3	21.54	21.50	21.22
1.4	16QAM	6	0	21.20	21.31	21.17
1.4	64QAM	1	0	21.30	21.51	21.38
1.4	64QAM	1	3	21.40	21.40	21.39
1.4	64QAM	1	5	21.27	21.32	21.37
1.4	64QAM	3	0	20.47	20.56	20.44
1.4	64QAM	3	1	20.32	20.45	20.41
1.4	64QAM	3	3	20.28	20.22	20.46
1.4	64QAM	6	0	20.57	20.43	20.54





LTE Band 71						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				133222	133322	133372
Frequency (MHz)				673	683	688
20	QPSK	1	0	22.76	22.80	22.74
20	QPSK	1	49	22.68	22.75	22.66
20	QPSK	1	99	22.73	22.65	22.70
20	QPSK	50	0	21.73	21.87	21.86
20	QPSK	50	24	21.85	21.77	21.83
20	QPSK	50	50	21.84	21.70	21.71
20	QPSK	100	0	21.64	21.79	21.74
20	16QAM	1	0	21.90	21.91	21.76
20	16QAM	1	49	21.82	21.74	21.88
20	16QAM	1	99	21.76	21.79	21.77
20	16QAM	50	0	20.90	20.84	20.95
20	16QAM	50	24	20.74	20.71	20.90
20	16QAM	50	50	20.85	20.72	20.77
20	16QAM	100	0	20.74	20.77	20.84
20	64QAM	1	0	20.77	20.76	20.71
20	64QAM	1	49	20.80	20.93	20.81
20	64QAM	1	99	20.79	20.93	20.72
20	64QAM	50	0	19.83	19.76	19.76
20	64QAM	50	24	19.76	19.84	19.82
20	64QAM	50	50	19.65	19.68	19.76
20	64QAM	100	0	19.81	19.75	19.80



LTE Band 71						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				133197	133297	133397
Frequency (MHz)				670.5	680.5	690.5
15	QPSK	1	0	23.59	23.70	23.57
15	QPSK	1	37	23.64	23.60	23.63
15	QPSK	1	74	23.61	23.57	23.57
15	QPSK	36	0	22.63	22.76	22.74
15	QPSK	36	20	22.72	22.69	22.71
15	QPSK	36	39	22.60	22.59	22.62
15	QPSK	75	0	22.68	22.61	22.73
15	16QAM	1	0	22.65	22.77	22.82
15	16QAM	1	37	22.58	22.82	22.73
15	16QAM	1	74	22.61	22.68	22.82
15	16QAM	36	0	21.69	21.72	21.82
15	16QAM	36	20	21.75	21.69	21.75
15	16QAM	36	39	21.73	21.71	21.61
15	16QAM	75	0	21.55	21.72	21.64
15	64QAM	1	0	21.62	21.76	21.65
15	64QAM	1	37	21.60	21.85	21.76
15	64QAM	1	74	21.79	21.64	21.71
15	64QAM	36	0	20.74	20.77	20.63
15	64QAM	36	20	20.62	20.69	20.82
15	64QAM	36	39	20.82	20.83	20.68
15	64QAM	75	0	20.86	20.73	20.70



LTE Band 71						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				133172	133272	133422
Frequency (MHz)				668	678	693
10	QPSK	1	0	23.64	23.68	23.54
10	QPSK	1	25	23.66	23.57	23.59
10	QPSK	1	49	23.61	23.63	23.61
10	QPSK	25	0	22.62	22.83	22.84
10	QPSK	25	12	22.61	22.69	22.65
10	QPSK	25	25	22.75	22.80	22.66
10	QPSK	50	0	22.59	22.68	22.74
10	16QAM	1	0	22.83	22.73	22.84
10	16QAM	1	25	22.65	22.63	22.72
10	16QAM	1	49	22.67	22.75	22.70
10	16QAM	25	0	21.76	21.69	21.84
10	16QAM	25	12	21.72	21.68	21.57
10	16QAM	25	25	21.74	21.77	21.76
10	16QAM	50	0	21.57	21.80	21.61
10	64QAM	1	0	21.60	21.72	21.61
10	64QAM	1	25	21.82	21.76	21.67
10	64QAM	1	49	21.72	21.58	21.74
10	64QAM	25	0	20.56	20.80	20.84
10	64QAM	25	12	20.77	20.86	20.75
10	64QAM	25	25	20.79	20.73	20.86
10	64QAM	50	0	20.85	20.83	20.79



LTE Band 71						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				133147	133247	133447
Frequency (MHz)				665.5	675.5	695.5
5	QPSK	1	0	23.66	23.67	23.59
5	QPSK	1	12	23.45	23.51	23.51
5	QPSK	1	24	23.59	23.61	23.57
5	QPSK	12	0	22.94	22.83	22.69
5	QPSK	12	7	22.70	22.80	22.85
5	QPSK	12	13	22.71	22.60	22.63
5	QPSK	25	0	22.75	22.71	22.80
5	16QAM	1	0	22.77	22.75	22.80
5	16QAM	1	12	22.68	22.66	22.87
5	16QAM	1	24	22.58	22.79	22.70
5	16QAM	12	0	21.63	21.76	21.66
5	16QAM	12	7	21.58	21.80	21.63
5	16QAM	12	13	21.80	21.77	21.73
5	16QAM	25	0	21.81	21.70	21.58
5	64QAM	1	0	21.72	21.71	21.88
5	64QAM	1	12	21.75	21.71	21.66
5	64QAM	1	24	21.64	21.54	21.74
5	64QAM	12	0	20.78	20.84	20.86
5	64QAM	12	7	20.77	20.73	20.72
5	64QAM	12	13	20.67	20.71	20.68
5	64QAM	25	0	20.64	20.79	20.78



**Effective Radiated Power and Effective Isotropic Radiated Power**

LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18700		18900		19100	
Frequency (MHz)				1860		1880		1900	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	24.95	0.313	25.03	0.318	24.92	0.310
20	QPSK	1	49	24.84	0.305	24.89	0.308	24.86	0.306
20	QPSK	1	99	24.91	0.310	24.95	0.313	24.93	0.311
20	QPSK	50	0	24.02	0.252	24.15	0.260	24.07	0.255
20	QPSK	50	24	23.93	0.247	24.06	0.255	23.98	0.250
20	QPSK	50	50	23.95	0.248	23.96	0.249	24.02	0.252
20	QPSK	100	0	23.94	0.248	24.00	0.251	23.99	0.251
20	16QAM	1	0	23.99	0.251	24.08	0.256	23.93	0.247
20	16QAM	1	49	23.88	0.244	23.98	0.250	24.00	0.251
20	16QAM	1	99	23.96	0.249	23.95	0.248	23.87	0.244
20	16QAM	50	0	22.98	0.199	23.09	0.204	23.03	0.201
20	16QAM	50	24	22.97	0.198	22.96	0.198	22.90	0.195
20	16QAM	50	50	23.00	0.200	23.04	0.201	22.96	0.198
20	16QAM	100	0	22.95	0.197	23.01	0.200	22.92	0.196
20	64QAM	1	0	22.94	0.197	23.06	0.202	22.95	0.197
20	64QAM	1	49	23.00	0.200	23.03	0.201	22.89	0.195
20	64QAM	1	99	22.96	0.198	22.91	0.195	22.93	0.196
20	64QAM	50	0	22.11	0.163	22.17	0.165	22.13	0.163
20	64QAM	50	24	21.99	0.158	22.07	0.161	22.10	0.162
20	64QAM	50	50	21.95	0.157	21.98	0.158	21.94	0.156
20	64QAM	100	0	22.03	0.160	22.05	0.160	22.01	0.159



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	24.87	0.307	25.00	0.316	24.88	0.308
15	QPSK	1	37	24.92	0.310	24.88	0.308	24.87	0.307
15	QPSK	1	74	24.86	0.306	24.89	0.308	24.91	0.310
15	QPSK	36	0	23.85	0.243	24.11	0.258	24.10	0.257
15	QPSK	36	20	23.91	0.246	24.03	0.253	24.01	0.252
15	QPSK	36	39	23.95	0.248	23.91	0.246	24.09	0.256
15	QPSK	75	0	23.88	0.244	23.92	0.247	23.83	0.242
15	16QAM	1	0	24.03	0.253	24.08	0.256	23.95	0.248
15	16QAM	1	37	23.96	0.249	23.85	0.243	24.07	0.255
15	16QAM	1	74	23.97	0.249	24.07	0.255	23.86	0.243
15	16QAM	36	0	22.78	0.190	22.92	0.196	23.02	0.200
15	16QAM	36	20	22.96	0.198	22.80	0.191	22.76	0.189
15	16QAM	36	39	22.81	0.191	23.08	0.203	22.96	0.198
15	16QAM	75	0	23.07	0.203	23.02	0.200	22.80	0.191
15	64QAM	1	0	22.89	0.195	23.14	0.206	23.00	0.200
15	64QAM	1	37	23.04	0.201	23.05	0.202	22.86	0.193
15	64QAM	1	74	23.01	0.200	22.81	0.191	22.84	0.192
15	64QAM	36	0	22.01	0.159	22.12	0.163	21.92	0.156
15	64QAM	36	20	21.97	0.157	22.01	0.159	22.18	0.165
15	64QAM	36	39	21.86	0.153	21.98	0.158	22.03	0.160
15	64QAM	75	0	21.91	0.155	22.05	0.160	21.96	0.157



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	24.96	0.313	24.98	0.315	24.83	0.304
10	QPSK	1	25	24.85	0.305	24.97	0.314	24.92	0.310
10	QPSK	1	49	24.91	0.310	24.92	0.310	24.86	0.306
10	QPSK	25	0	23.86	0.243	23.98	0.250	24.10	0.257
10	QPSK	25	12	23.85	0.243	23.98	0.250	24.07	0.255
10	QPSK	25	25	23.85	0.243	24.04	0.254	23.86	0.243
10	QPSK	50	0	24.00	0.251	24.07	0.255	24.07	0.255
10	16QAM	1	0	23.91	0.246	24.13	0.259	24.00	0.251
10	16QAM	1	25	23.93	0.247	23.89	0.245	24.14	0.259
10	16QAM	1	49	23.92	0.247	23.99	0.251	23.93	0.247
10	16QAM	25	0	22.88	0.194	22.95	0.197	23.08	0.203
10	16QAM	25	12	23.07	0.203	23.05	0.202	22.89	0.195
10	16QAM	25	25	22.95	0.197	23.05	0.202	22.95	0.197
10	16QAM	50	0	23.00	0.200	23.13	0.206	22.95	0.197
10	64QAM	1	0	23.09	0.204	22.88	0.194	23.04	0.201
10	64QAM	1	25	22.97	0.198	22.87	0.194	22.88	0.194
10	64QAM	1	49	23.06	0.202	22.80	0.191	22.93	0.196
10	64QAM	25	0	22.23	0.167	22.14	0.164	22.02	0.159
10	64QAM	25	12	21.93	0.156	22.01	0.159	22.10	0.162
10	64QAM	25	25	21.88	0.154	21.95	0.157	22.01	0.159
10	64QAM	50	0	22.00	0.158	22.08	0.161	21.88	0.154



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	24.95	0.313	24.98	0.315	24.96	0.313
5	QPSK	1	12	24.86	0.306	24.95	0.313	24.94	0.312
5	QPSK	1	24	24.92	0.310	24.95	0.313	24.96	0.313
5	QPSK	12	0	23.97	0.249	24.04	0.254	23.88	0.244
5	QPSK	12	7	23.89	0.245	24.03	0.253	23.82	0.241
5	QPSK	12	13	23.94	0.248	23.82	0.241	23.86	0.243
5	QPSK	25	0	23.92	0.247	24.11	0.258	23.99	0.251
5	16QAM	1	0	23.86	0.243	24.04	0.254	23.87	0.244
5	16QAM	1	12	23.89	0.245	23.99	0.251	24.10	0.257
5	16QAM	1	24	24.08	0.256	24.04	0.254	23.79	0.239
5	16QAM	12	0	23.04	0.201	22.94	0.197	22.89	0.195
5	16QAM	12	7	22.83	0.192	22.84	0.192	22.88	0.194
5	16QAM	12	13	23.04	0.201	23.14	0.206	22.82	0.191
5	16QAM	25	0	23.00	0.200	23.06	0.202	22.96	0.198
5	64QAM	1	0	22.91	0.195	23.08	0.203	22.85	0.193
5	64QAM	1	12	22.93	0.196	22.85	0.193	22.89	0.195
5	64QAM	1	24	23.03	0.201	22.93	0.196	22.91	0.195
5	64QAM	12	0	21.93	0.156	22.02	0.159	22.06	0.161
5	64QAM	12	7	21.90	0.155	21.94	0.156	22.02	0.159
5	64QAM	12	13	21.89	0.155	21.81	0.152	21.99	0.158
5	64QAM	25	0	22.01	0.159	21.96	0.157	21.97	0.157





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	24.93	0.311	24.99	0.316	24.88	0.308
3	QPSK	1	8	24.89	0.308	24.95	0.313	24.85	0.305
3	QPSK	1	14	24.87	0.307	24.93	0.311	24.89	0.308
3	QPSK	8	0	24.00	0.251	24.19	0.262	24.12	0.258
3	QPSK	8	4	24.06	0.255	24.21	0.264	23.88	0.244
3	QPSK	8	7	24.05	0.254	24.00	0.251	23.95	0.248
3	QPSK	15	0	23.82	0.241	24.11	0.258	24.03	0.253
3	16QAM	1	0	23.84	0.242	23.97	0.249	23.88	0.244
3	16QAM	1	8	23.99	0.251	23.79	0.239	23.90	0.245
3	16QAM	1	14	24.03	0.253	23.84	0.242	23.91	0.246
3	16QAM	8	0	22.82	0.191	23.02	0.200	23.03	0.201
3	16QAM	8	4	23.11	0.205	23.04	0.201	22.98	0.199
3	16QAM	8	7	22.99	0.199	23.02	0.200	22.78	0.190
3	16QAM	15	0	22.85	0.193	23.15	0.207	22.98	0.199
3	64QAM	1	0	22.82	0.191	23.17	0.207	22.81	0.191
3	64QAM	1	8	23.03	0.201	22.84	0.192	22.88	0.194
3	64QAM	1	14	22.83	0.192	22.95	0.197	22.93	0.196
3	64QAM	8	0	22.12	0.163	22.19	0.166	22.01	0.159
3	64QAM	8	4	21.89	0.155	22.14	0.164	22.09	0.162
3	64QAM	8	7	21.87	0.154	21.86	0.153	22.01	0.159
3	64QAM	15	0	21.90	0.155	22.11	0.163	21.98	0.158



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	24.97	0.314	24.97	0.314	24.92	0.310
1.4	QPSK	1	3	24.93	0.311	24.84	0.305	24.86	0.306
1.4	QPSK	1	5	24.92	0.310	24.82	0.303	24.89	0.308
1.4	QPSK	3	0	24.16	0.261	24.23	0.265	24.12	0.258
1.4	QPSK	3	1	24.00	0.251	23.91	0.246	23.85	0.243
1.4	QPSK	3	3	23.96	0.249	24.08	0.256	24.16	0.261
1.4	QPSK	6	0	24.01	0.252	23.91	0.246	24.10	0.257
1.4	16QAM	1	0	23.88	0.244	24.14	0.259	23.95	0.248
1.4	16QAM	1	3	23.93	0.247	23.85	0.243	23.93	0.247
1.4	16QAM	1	5	23.86	0.243	23.85	0.243	23.96	0.249
1.4	16QAM	3	0	23.04	0.201	23.18	0.208	22.84	0.192
1.4	16QAM	3	1	22.91	0.195	22.89	0.195	22.85	0.193
1.4	16QAM	3	3	23.02	0.200	23.15	0.207	23.02	0.200
1.4	16QAM	6	0	23.03	0.201	23.11	0.205	22.79	0.190
1.4	64QAM	1	0	22.85	0.193	23.10	0.204	22.95	0.197
1.4	64QAM	1	3	22.85	0.193	23.11	0.205	23.04	0.201
1.4	64QAM	1	5	23.07	0.203	22.98	0.199	23.05	0.202
1.4	64QAM	3	0	22.04	0.160	22.03	0.160	21.97	0.157
1.4	64QAM	3	1	21.89	0.155	22.05	0.160	21.93	0.156
1.4	64QAM	3	3	22.06	0.161	22.12	0.163	21.92	0.156
1.4	64QAM	6	0	22.01	0.159	22.18	0.165	21.99	0.158



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	24.15	0.260	24.24	0.265	24.10	0.257
20	QPSK	1	49	24.08	0.256	24.11	0.258	24.13	0.259
20	QPSK	1	99	24.17	0.261	24.13	0.259	24.07	0.255
20	QPSK	50	0	23.20	0.209	23.28	0.213	23.18	0.208
20	QPSK	50	24	23.24	0.211	23.13	0.206	23.19	0.208
20	QPSK	50	50	23.10	0.204	23.04	0.201	23.17	0.207
20	QPSK	100	0	23.02	0.200	23.12	0.205	23.08	0.203
20	16QAM	1	0	23.16	0.207	23.26	0.212	22.99	0.199
20	16QAM	1	49	23.00	0.200	23.30	0.214	23.09	0.204
20	16QAM	1	99	22.99	0.199	23.25	0.211	23.07	0.203
20	16QAM	50	0	22.18	0.165	22.26	0.168	22.32	0.171
20	16QAM	50	24	22.11	0.163	22.14	0.164	22.08	0.161
20	16QAM	50	50	22.07	0.161	22.23	0.167	22.20	0.166
20	16QAM	100	0	22.16	0.164	22.19	0.166	22.13	0.163
20	64QAM	1	0	22.20	0.166	22.12	0.163	22.20	0.166
20	64QAM	1	49	22.29	0.169	22.31	0.170	22.15	0.164
20	64QAM	1	99	22.24	0.167	22.13	0.163	22.04	0.160
20	64QAM	50	0	21.26	0.134	21.30	0.135	21.33	0.136
20	64QAM	50	24	21.05	0.127	21.31	0.135	21.23	0.133
20	64QAM	50	50	21.02	0.126	21.24	0.133	21.22	0.132
20	64QAM	100	0	21.27	0.134	21.14	0.130	21.01	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				20025		20175		20325	
Frequency (MHz)				1717.5		1732.5		1747.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	24.00	0.251	24.20	0.263	24.14	0.259
15	QPSK	1	37	24.09	0.256	23.94	0.248	24.05	0.254
15	QPSK	1	74	24.01	0.252	23.95	0.248	24.10	0.257
15	QPSK	36	0	23.12	0.205	23.25	0.211	23.23	0.210
15	QPSK	36	20	23.27	0.212	23.26	0.212	23.11	0.205
15	QPSK	36	39	23.00	0.200	23.11	0.205	23.15	0.207
15	QPSK	75	0	23.17	0.207	23.19	0.208	23.29	0.213
15	16QAM	1	0	23.16	0.207	23.29	0.213	23.14	0.206
15	16QAM	1	37	23.05	0.202	23.01	0.200	23.04	0.201
15	16QAM	1	74	23.05	0.202	23.00	0.200	22.99	0.199
15	16QAM	36	0	22.31	0.170	22.12	0.163	22.32	0.171
15	16QAM	36	20	22.00	0.158	22.19	0.166	22.19	0.166
15	16QAM	36	39	22.03	0.160	22.14	0.164	22.09	0.162
15	16QAM	75	0	22.30	0.170	22.31	0.170	22.11	0.163
15	64QAM	1	0	22.08	0.161	22.15	0.164	22.27	0.169
15	64QAM	1	37	22.24	0.167	22.13	0.163	21.98	0.158
15	64QAM	1	74	22.05	0.160	22.07	0.161	22.00	0.158
15	64QAM	36	0	21.44	0.139	21.36	0.137	21.30	0.135
15	64QAM	36	20	21.21	0.132	21.25	0.133	21.27	0.134
15	64QAM	36	39	21.23	0.133	21.17	0.131	21.20	0.132
15	64QAM	75	0	21.21	0.132	21.34	0.136	21.14	0.130



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	24.07	0.255	24.19	0.262	24.02	0.252
10	QPSK	1	25	24.01	0.252	24.01	0.252	24.08	0.256
10	QPSK	1	49	24.18	0.262	24.14	0.259	24.05	0.254
10	QPSK	25	0	23.05	0.202	23.35	0.216	23.29	0.213
10	QPSK	25	12	23.01	0.200	23.23	0.210	23.04	0.201
10	QPSK	25	25	23.18	0.208	23.16	0.207	23.24	0.211
10	QPSK	50	0	23.14	0.206	23.35	0.216	23.30	0.214
10	16QAM	1	0	22.99	0.199	23.26	0.212	23.00	0.200
10	16QAM	1	25	23.15	0.207	23.01	0.200	23.17	0.207
10	16QAM	1	49	23.24	0.211	23.16	0.207	23.06	0.202
10	16QAM	25	0	22.15	0.164	22.23	0.167	22.09	0.162
10	16QAM	25	12	22.28	0.169	22.20	0.166	22.06	0.161
10	16QAM	25	25	22.07	0.161	22.12	0.163	22.30	0.170
10	16QAM	50	0	22.24	0.167	22.27	0.169	22.06	0.161
10	64QAM	1	0	22.18	0.165	22.09	0.162	22.02	0.159
10	64QAM	1	25	22.14	0.164	22.15	0.164	22.17	0.165
10	64QAM	1	49	22.21	0.166	21.97	0.157	22.24	0.167
10	64QAM	25	0	21.32	0.136	21.28	0.134	21.17	0.131
10	64QAM	25	12	21.21	0.132	21.17	0.131	21.11	0.129
10	64QAM	25	25	20.96	0.125	21.05	0.127	20.97	0.125
10	64QAM	50	0	21.31	0.135	21.25	0.133	21.17	0.131



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	24.12	0.258	24.20	0.263	24.15	0.260
5	QPSK	1	12	24.06	0.255	24.08	0.256	24.02	0.252
5	QPSK	1	24	24.02	0.252	24.13	0.259	24.12	0.258
5	QPSK	12	0	23.22	0.210	23.30	0.214	23.21	0.209
5	QPSK	12	7	23.19	0.208	23.22	0.210	23.14	0.206
5	QPSK	12	13	23.13	0.206	23.21	0.209	23.14	0.206
5	QPSK	25	0	23.21	0.209	23.05	0.202	23.06	0.202
5	16QAM	1	0	23.00	0.200	23.24	0.211	23.26	0.212
5	16QAM	1	12	23.03	0.201	23.22	0.210	23.25	0.211
5	16QAM	1	24	22.99	0.199	23.11	0.205	23.08	0.203
5	16QAM	12	0	22.14	0.164	22.33	0.171	22.13	0.163
5	16QAM	12	7	22.06	0.161	22.20	0.166	22.17	0.165
5	16QAM	12	13	22.33	0.171	22.20	0.166	22.29	0.169
5	16QAM	25	0	22.20	0.166	22.36	0.172	22.08	0.161
5	64QAM	1	0	22.25	0.168	22.16	0.164	22.13	0.163
5	64QAM	1	12	22.21	0.166	22.15	0.164	22.04	0.160
5	64QAM	1	24	22.07	0.161	22.18	0.165	22.03	0.160
5	64QAM	12	0	21.16	0.131	21.30	0.135	21.21	0.132
5	64QAM	12	7	20.99	0.126	21.28	0.134	21.20	0.132
5	64QAM	12	13	20.98	0.125	21.24	0.133	21.07	0.128
5	64QAM	25	0	21.24	0.133	21.27	0.134	21.05	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				19965		20175		20385	
Frequency (MHz)				1711.5		1732.5		1753.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	24.02	0.252	24.18	0.262	24.12	0.258
3	QPSK	1	8	24.06	0.255	24.02	0.252	24.06	0.255
3	QPSK	1	14	24.04	0.254	24.12	0.258	24.00	0.251
3	QPSK	8	0	23.12	0.205	23.28	0.213	23.18	0.208
3	QPSK	8	4	23.25	0.211	23.22	0.210	23.02	0.200
3	QPSK	8	7	23.01	0.200	23.03	0.201	23.12	0.205
3	QPSK	15	0	23.00	0.200	23.03	0.201	23.02	0.200
3	16QAM	1	0	23.14	0.206	23.19	0.208	23.11	0.205
3	16QAM	1	8	23.08	0.203	23.16	0.207	23.05	0.202
3	16QAM	1	14	23.26	0.212	23.19	0.208	23.04	0.201
3	16QAM	8	0	22.24	0.167	22.25	0.168	22.23	0.167
3	16QAM	8	4	22.27	0.169	22.18	0.165	22.06	0.161
3	16QAM	8	7	22.21	0.166	22.37	0.173	22.08	0.161
3	16QAM	15	0	21.98	0.158	22.07	0.161	22.20	0.166
3	64QAM	1	0	21.99	0.158	22.31	0.170	22.15	0.164
3	64QAM	1	8	22.23	0.167	22.25	0.168	21.93	0.156
3	64QAM	1	14	22.09	0.162	21.95	0.157	22.10	0.162
3	64QAM	8	0	21.28	0.134	21.31	0.135	21.30	0.135
3	64QAM	8	4	21.08	0.128	21.24	0.133	21.10	0.129
3	64QAM	8	7	21.10	0.129	21.04	0.127	21.08	0.128
3	64QAM	15	0	21.29	0.135	21.25	0.133	21.16	0.131



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	24.06	0.255	24.19	0.262	24.11	0.258
1.4	QPSK	1	3	24.09	0.256	24.17	0.261	24.10	0.257
1.4	QPSK	1	5	24.01	0.252	24.11	0.258	24.14	0.259
1.4	QPSK	3	0	23.21	0.209	23.29	0.213	23.14	0.206
1.4	QPSK	3	1	23.25	0.211	23.10	0.204	23.31	0.214
1.4	QPSK	3	3	23.18	0.208	23.18	0.208	23.18	0.208
1.4	QPSK	6	0	23.05	0.202	23.16	0.207	23.10	0.204
1.4	16QAM	1	0	23.14	0.206	23.21	0.209	23.13	0.206
1.4	16QAM	1	3	22.88	0.194	23.00	0.200	23.02	0.200
1.4	16QAM	1	5	23.15	0.207	22.96	0.198	22.96	0.198
1.4	16QAM	3	0	22.10	0.162	22.23	0.167	22.17	0.165
1.4	16QAM	3	1	22.17	0.165	22.01	0.159	21.98	0.158
1.4	16QAM	3	3	22.23	0.167	22.25	0.168	22.31	0.170
1.4	16QAM	6	0	22.02	0.159	22.18	0.165	22.13	0.163
1.4	64QAM	1	0	22.01	0.159	22.06	0.161	22.17	0.165
1.4	64QAM	1	3	22.17	0.165	22.28	0.169	22.17	0.165
1.4	64QAM	1	5	22.06	0.161	22.05	0.160	22.03	0.160
1.4	64QAM	3	0	21.25	0.133	21.24	0.133	21.21	0.132
1.4	64QAM	3	1	21.20	0.132	21.10	0.129	21.28	0.134
1.4	64QAM	3	3	21.08	0.128	20.99	0.126	21.24	0.133
1.4	64QAM	6	0	21.05	0.127	21.20	0.132	21.18	0.131





LTE Band 5				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20450		20525		20600	
Frequency (MHz)				829		836.5		844	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	21.79	0.151	21.82	0.152	21.75	0.150
10	QPSK	1	25	21.73	0.149	21.75	0.150	21.73	0.149
10	QPSK	1	49	21.73	0.149	21.79	0.151	21.72	0.149
10	QPSK	25	0	20.84	0.121	21.08	0.128	20.95	0.124
10	QPSK	25	12	20.79	0.120	21.02	0.126	20.88	0.122
10	QPSK	25	25	20.83	0.121	20.75	0.119	20.80	0.120
10	QPSK	50	0	20.88	0.122	20.83	0.121	20.79	0.120
10	16QAM	1	0	20.74	0.119	20.85	0.122	20.80	0.120
10	16QAM	1	25	20.73	0.118	20.74	0.119	20.75	0.119
10	16QAM	1	49	20.93	0.124	20.85	0.122	20.77	0.119
10	16QAM	25	0	19.75	0.094	20.06	0.101	19.77	0.095
10	16QAM	25	12	19.73	0.094	19.88	0.097	19.74	0.094
10	16QAM	25	25	19.79	0.095	19.89	0.097	19.78	0.095
10	16QAM	50	0	19.79	0.095	19.74	0.094	19.80	0.095
10	64QAM	1	0	19.57	0.091	19.76	0.095	19.81	0.096
10	64QAM	1	25	19.62	0.092	19.89	0.097	19.80	0.095
10	64QAM	1	49	19.83	0.096	19.75	0.094	19.78	0.095
10	64QAM	25	0	18.81	0.076	19.07	0.081	19.08	0.081
10	64QAM	25	12	18.94	0.078	18.84	0.077	18.83	0.076
10	64QAM	25	25	18.74	0.075	18.75	0.075	18.74	0.075
10	64QAM	50	0	18.87	0.077	18.81	0.076	18.75	0.075



LTE Band 5				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20425		20525		20625	
Frequency (MHz)				826.5		836.5		846.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	21.71	0.148	21.79	0.151	21.77	0.150
5	QPSK	1	12	21.76	0.150	21.75	0.150	21.75	0.150
5	QPSK	1	24	21.78	0.151	21.74	0.149	21.78	0.151
5	QPSK	12	0	20.82	0.121	20.95	0.124	20.93	0.124
5	QPSK	12	7	20.81	0.121	20.93	0.124	20.87	0.122
5	QPSK	12	13	20.78	0.120	20.92	0.124	20.80	0.120
5	QPSK	25	0	20.79	0.120	20.83	0.121	20.82	0.121
5	16QAM	1	0	20.75	0.119	20.87	0.122	20.75	0.119
5	16QAM	1	12	20.79	0.120	20.89	0.123	20.74	0.119
5	16QAM	1	24	20.75	0.119	20.76	0.119	20.79	0.120
5	16QAM	12	0	19.63	0.092	19.87	0.097	19.87	0.097
5	16QAM	12	7	19.72	0.094	19.79	0.095	19.72	0.094
5	16QAM	12	13	19.74	0.094	19.75	0.094	19.67	0.093
5	16QAM	25	0	19.80	0.095	19.74	0.094	19.78	0.095
5	64QAM	1	0	19.77	0.095	20.04	0.101	19.80	0.095
5	64QAM	1	12	19.85	0.097	20.00	0.100	19.82	0.096
5	64QAM	1	24	19.83	0.096	19.75	0.094	19.82	0.096
5	64QAM	12	0	18.75	0.075	19.02	0.080	18.80	0.076
5	64QAM	12	7	18.72	0.074	18.69	0.074	18.79	0.076
5	64QAM	12	13	18.85	0.077	18.74	0.075	18.77	0.075
5	64QAM	25	0	19.00	0.079	18.85	0.077	18.91	0.078



LTE Band 5				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20415		20525		20635	
Frequency (MHz)				825.5		836.5		847.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	21.73	0.149	21.80	0.151	21.75	0.150
3	QPSK	1	8	21.76	0.150	21.72	0.149	21.73	0.149
3	QPSK	1	14	21.77	0.150	21.77	0.150	21.69	0.148
3	QPSK	8	0	20.65	0.116	20.89	0.123	20.79	0.120
3	QPSK	8	4	20.88	0.122	20.81	0.121	20.79	0.120
3	QPSK	8	7	20.81	0.121	20.77	0.119	20.83	0.121
3	QPSK	15	0	20.70	0.117	20.72	0.118	20.74	0.119
3	16QAM	1	0	20.68	0.117	20.97	0.125	20.75	0.119
3	16QAM	1	8	20.88	0.122	20.70	0.117	20.97	0.125
3	16QAM	1	14	20.81	0.121	20.78	0.120	20.75	0.119
3	16QAM	8	0	19.72	0.094	19.90	0.098	19.79	0.095
3	16QAM	8	4	19.68	0.093	19.91	0.098	19.73	0.094
3	16QAM	8	7	19.70	0.093	19.70	0.093	19.91	0.098
3	16QAM	15	0	19.79	0.095	19.81	0.096	19.71	0.094
3	64QAM	1	0	19.85	0.097	20.02	0.100	19.74	0.094
3	64QAM	1	8	19.80	0.095	20.00	0.100	19.82	0.096
3	64QAM	1	14	19.93	0.098	19.76	0.095	19.77	0.095
3	64QAM	8	0	18.86	0.077	18.86	0.077	18.92	0.078
3	64QAM	8	4	18.95	0.079	18.70	0.074	18.94	0.078
3	64QAM	8	7	18.81	0.076	18.77	0.075	18.81	0.076
3	64QAM	15	0	18.83	0.076	18.94	0.078	18.74	0.075



LTE Band 5				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20407		20525		20643	
Frequency (MHz)				824.7		836.5		848.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	21.78	0.151	21.81	0.152	21.79	0.151
1.4	QPSK	1	3	21.74	0.149	21.70	0.148	21.71	0.148
1.4	QPSK	1	5	21.77	0.150	21.77	0.150	21.77	0.150
1.4	QPSK	3	0	20.79	0.120	20.88	0.122	20.97	0.125
1.4	QPSK	3	1	20.85	0.122	20.78	0.120	20.73	0.118
1.4	QPSK	3	3	20.83	0.121	20.74	0.119	20.81	0.121
1.4	QPSK	6	0	20.73	0.118	20.65	0.116	20.88	0.122
1.4	16QAM	1	0	20.78	0.120	20.92	0.124	20.83	0.121
1.4	16QAM	1	3	20.74	0.119	20.70	0.117	20.70	0.117
1.4	16QAM	1	5	20.73	0.118	20.84	0.121	20.82	0.121
1.4	16QAM	3	0	19.88	0.097	19.85	0.097	19.91	0.098
1.4	16QAM	3	1	19.79	0.095	19.80	0.095	19.83	0.096
1.4	16QAM	3	3	19.75	0.094	19.81	0.096	19.86	0.097
1.4	16QAM	6	0	19.79	0.095	19.79	0.095	19.73	0.094
1.4	64QAM	1	0	19.62	0.092	19.94	0.099	19.66	0.092
1.4	64QAM	1	3	19.72	0.094	19.67	0.093	19.60	0.091
1.4	64QAM	1	5	19.92	0.098	19.83	0.096	19.68	0.093
1.4	64QAM	3	0	18.76	0.075	19.00	0.079	19.05	0.080
1.4	64QAM	3	1	18.73	0.075	19.00	0.079	18.87	0.077
1.4	64QAM	3	3	18.75	0.075	18.90	0.078	18.85	0.077
1.4	64QAM	6	0	18.94	0.078	18.91	0.078	18.74	0.075



LTE Band 7				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20850		21100		21350	
Frequency (MHz)				2510		2535		2560	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	22.86	0.193	23.04	0.201	23.02	0.200
20	QPSK	1	49	22.74	0.188	22.87	0.194	22.90	0.195
20	QPSK	1	99	22.93	0.196	23.03	0.201	22.83	0.192
20	QPSK	50	0	21.98	0.158	22.03	0.160	21.93	0.156
20	QPSK	50	24	21.90	0.155	21.83	0.152	22.02	0.159
20	QPSK	50	50	21.73	0.149	21.92	0.156	22.00	0.158
20	QPSK	100	0	21.74	0.149	21.90	0.155	21.93	0.156
20	16QAM	1	0	22.01	0.159	21.84	0.153	21.73	0.149
20	16QAM	1	49	21.82	0.152	21.78	0.151	21.87	0.154
20	16QAM	1	99	21.73	0.149	21.94	0.156	21.84	0.153
20	16QAM	50	0	20.91	0.123	20.97	0.125	20.91	0.123
20	16QAM	50	24	20.91	0.123	20.75	0.119	20.83	0.121
20	16QAM	50	50	20.90	0.123	21.03	0.127	20.92	0.124
20	16QAM	100	0	21.05	0.127	20.88	0.122	21.00	0.126
20	64QAM	1	0	20.95	0.124	21.06	0.128	20.77	0.119
20	64QAM	1	49	21.10	0.129	21.01	0.126	20.67	0.117
20	64QAM	1	99	20.87	0.122	21.01	0.126	20.72	0.118
20	64QAM	50	0	20.10	0.102	20.05	0.101	20.00	0.100
20	64QAM	50	24	19.96	0.099	20.08	0.102	20.04	0.101
20	64QAM	50	50	19.87	0.097	19.82	0.096	19.98	0.100
20	64QAM	100	0	20.03	0.101	19.85	0.097	20.11	0.103



LTE Band 7				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20825		21100		21375	
Frequency (MHz)				2507.5		2535		2562.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	22.75	0.188	23.01	0.200	22.97	0.198
15	QPSK	1	37	22.68	0.185	22.78	0.190	22.75	0.188
15	QPSK	1	74	22.69	0.186	22.96	0.198	22.69	0.186
15	QPSK	36	0	21.99	0.158	22.05	0.160	21.97	0.157
15	QPSK	36	20	21.89	0.155	21.96	0.157	21.96	0.157
15	QPSK	36	39	21.96	0.157	21.92	0.156	21.78	0.151
15	QPSK	75	0	22.04	0.160	21.89	0.155	21.95	0.157
15	16QAM	1	0	21.92	0.156	21.95	0.157	21.74	0.149
15	16QAM	1	37	21.76	0.150	21.75	0.150	21.84	0.153
15	16QAM	1	74	21.93	0.156	21.94	0.156	21.96	0.157
15	16QAM	36	0	21.03	0.127	21.08	0.128	21.03	0.127
15	16QAM	36	20	21.07	0.128	20.75	0.119	20.85	0.122
15	16QAM	36	39	20.82	0.121	20.80	0.120	20.86	0.122
15	16QAM	75	0	20.95	0.124	21.01	0.126	20.83	0.121
15	64QAM	1	0	20.84	0.121	21.08	0.128	20.96	0.125
15	64QAM	1	37	20.94	0.124	20.90	0.123	20.77	0.119
15	64QAM	1	74	20.78	0.120	20.74	0.119	20.85	0.122
15	64QAM	36	0	19.90	0.098	20.07	0.102	20.10	0.102
15	64QAM	36	20	20.02	0.100	19.95	0.099	20.04	0.101
15	64QAM	36	39	19.91	0.098	19.80	0.095	20.05	0.101
15	64QAM	75	0	19.97	0.099	20.06	0.101	19.83	0.096



LTE Band 7				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20800		21100		21400	
Frequency (MHz)				2505		2535		2565	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	22.86	0.193	23.02	0.200	22.99	0.199
10	QPSK	1	25	22.70	0.186	22.82	0.191	22.89	0.195
10	QPSK	1	49	22.67	0.185	22.88	0.194	22.79	0.190
10	QPSK	25	0	22.04	0.160	22.11	0.163	22.08	0.161
10	QPSK	25	12	21.79	0.151	21.96	0.157	22.08	0.161
10	QPSK	25	25	22.04	0.160	21.99	0.158	21.98	0.158
10	QPSK	50	0	21.81	0.152	21.89	0.155	21.79	0.151
10	16QAM	1	0	21.82	0.152	21.90	0.155	21.84	0.153
10	16QAM	1	25	21.84	0.153	21.89	0.155	21.87	0.154
10	16QAM	1	49	21.93	0.156	21.73	0.149	21.96	0.157
10	16QAM	25	0	20.90	0.123	20.94	0.124	21.07	0.128
10	16QAM	25	12	21.08	0.128	20.75	0.119	21.00	0.126
10	16QAM	25	25	20.88	0.122	20.90	0.123	20.91	0.123
10	16QAM	50	0	20.78	0.120	20.91	0.123	21.03	0.127
10	64QAM	1	0	20.78	0.120	20.92	0.124	20.98	0.125
10	64QAM	1	25	20.98	0.125	20.90	0.123	20.70	0.117
10	64QAM	1	49	20.95	0.124	20.86	0.122	20.88	0.122
10	64QAM	25	0	19.92	0.098	19.96	0.099	20.00	0.100
10	64QAM	25	12	19.75	0.094	20.04	0.101	20.14	0.103
10	64QAM	25	25	20.06	0.101	19.90	0.098	19.97	0.099
10	64QAM	50	0	20.06	0.101	20.00	0.100	19.95	0.099



LTE Band 7				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20775		21100		21425	
Frequency (MHz)				2502.5		2535		2567.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	22.77	0.189	23.01	0.200	22.86	0.193
5	QPSK	1	12	22.86	0.193	22.87	0.194	22.82	0.191
5	QPSK	1	24	22.77	0.189	22.82	0.191	22.98	0.199
5	QPSK	12	0	22.08	0.161	22.05	0.160	21.97	0.157
5	QPSK	12	7	21.73	0.149	22.10	0.162	21.82	0.152
5	QPSK	12	13	22.06	0.161	21.72	0.149	21.97	0.157
5	QPSK	25	0	22.05	0.160	22.03	0.160	21.94	0.156
5	16QAM	1	0	21.86	0.153	21.98	0.158	21.81	0.152
5	16QAM	1	12	21.79	0.151	21.94	0.156	21.94	0.156
5	16QAM	1	24	21.76	0.150	21.96	0.157	21.83	0.152
5	16QAM	12	0	21.08	0.128	20.85	0.122	21.08	0.128
5	16QAM	12	7	21.04	0.127	21.03	0.127	20.96	0.125
5	16QAM	12	13	20.77	0.119	20.96	0.125	20.81	0.121
5	16QAM	25	0	21.04	0.127	20.84	0.121	20.81	0.121
5	64QAM	1	0	20.79	0.120	21.10	0.129	20.71	0.118
5	64QAM	1	12	21.04	0.127	20.94	0.124	20.95	0.124
5	64QAM	1	24	20.93	0.124	20.95	0.124	20.94	0.124
5	64QAM	12	0	20.10	0.102	19.97	0.099	19.96	0.099
5	64QAM	12	7	19.84	0.096	19.88	0.097	20.09	0.102
5	64QAM	12	13	19.72	0.094	19.79	0.095	19.83	0.096
5	64QAM	25	0	19.85	0.097	19.95	0.099	19.90	0.098





LTE Band 12				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23060		23095		23130	
Frequency (MHz)				704		707.5		711	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	21.00	0.126	21.04	0.127	20.93	0.124
10	QPSK	1	25	20.82	0.121	20.90	0.123	20.70	0.117
10	QPSK	1	49	20.76	0.119	20.82	0.121	20.82	0.121
10	QPSK	25	0	20.01	0.100	20.05	0.101	20.04	0.101
10	QPSK	25	12	19.98	0.100	19.98	0.100	19.82	0.096
10	QPSK	25	25	19.83	0.096	19.80	0.095	20.00	0.100
10	QPSK	50	0	19.98	0.100	19.96	0.099	20.03	0.101
10	16QAM	1	0	19.81	0.096	19.99	0.100	19.90	0.098
10	16QAM	1	25	19.80	0.095	19.90	0.098	19.91	0.098
10	16QAM	1	49	19.79	0.095	19.98	0.100	19.98	0.100
10	16QAM	25	0	18.99	0.079	18.98	0.079	19.06	0.081
10	16QAM	25	12	19.07	0.081	19.03	0.080	18.99	0.079
10	16QAM	25	25	18.87	0.077	19.06	0.081	19.08	0.081
10	16QAM	50	0	18.88	0.077	19.01	0.080	18.99	0.079
10	64QAM	1	0	18.96	0.079	19.00	0.079	19.06	0.081
10	64QAM	1	25	19.05	0.080	18.97	0.079	19.06	0.081
10	64QAM	1	49	18.92	0.078	19.08	0.081	19.08	0.081
10	64QAM	25	0	18.08	0.064	18.00	0.063	18.01	0.063
10	64QAM	25	12	18.10	0.065	18.01	0.063	18.12	0.065
10	64QAM	25	25	17.84	0.061	17.95	0.062	18.00	0.063
10	64QAM	50	0	18.08	0.064	18.02	0.063	18.03	0.064



LTE Band 12				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23035		23095		23155	
Frequency (MHz)				701.5		707.5		713.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	20.98	0.125	21.02	0.126	20.79	0.120
5	QPSK	1	12	20.90	0.123	20.84	0.121	20.97	0.125
5	QPSK	1	24	20.98	0.125	20.80	0.120	20.96	0.125
5	QPSK	12	0	19.88	0.097	20.06	0.101	19.82	0.096
5	QPSK	12	7	20.04	0.101	19.94	0.099	20.03	0.101
5	QPSK	12	13	19.81	0.096	19.92	0.098	19.93	0.098
5	QPSK	25	0	19.96	0.099	20.08	0.102	20.03	0.101
5	16QAM	1	0	19.86	0.097	19.93	0.098	20.11	0.103
5	16QAM	1	12	19.90	0.098	20.02	0.100	19.90	0.098
5	16QAM	1	24	19.93	0.098	19.79	0.095	19.99	0.100
5	16QAM	12	0	19.01	0.080	18.98	0.079	18.94	0.078
5	16QAM	12	7	19.01	0.080	19.01	0.080	19.03	0.080
5	16QAM	12	13	18.92	0.078	18.87	0.077	18.80	0.076
5	16QAM	25	0	18.81	0.076	18.99	0.079	18.91	0.078
5	64QAM	1	0	18.95	0.079	18.95	0.079	18.97	0.079
5	64QAM	1	12	18.92	0.078	18.86	0.077	18.74	0.075
5	64QAM	1	24	18.94	0.078	18.77	0.075	18.97	0.079
5	64QAM	12	0	17.91	0.062	18.04	0.064	18.07	0.064
5	64QAM	12	7	17.99	0.063	17.92	0.062	17.90	0.062
5	64QAM	12	13	17.87	0.061	17.81	0.060	18.02	0.063
5	64QAM	25	0	17.99	0.063	17.96	0.063	17.92	0.062



LTE Band 12				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23025		23095		23165	
Frequency (MHz)				700.5		707.5		714.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	20.95	0.124	21.00	0.126	20.96	0.125
3	QPSK	1	8	20.98	0.125	20.89	0.123	20.74	0.119
3	QPSK	1	14	20.74	0.119	20.90	0.123	20.83	0.121
3	QPSK	8	0	19.89	0.097	19.98	0.100	19.95	0.099
3	QPSK	8	4	19.76	0.095	19.93	0.098	19.97	0.099
3	QPSK	8	7	19.87	0.097	19.95	0.099	19.90	0.098
3	QPSK	15	0	19.86	0.097	19.96	0.099	19.88	0.097
3	16QAM	1	0	19.95	0.099	20.04	0.101	19.83	0.096
3	16QAM	1	8	19.82	0.096	19.93	0.098	19.89	0.097
3	16QAM	1	14	19.86	0.097	19.87	0.097	19.81	0.096
3	16QAM	8	0	19.01	0.080	19.05	0.080	18.94	0.078
3	16QAM	8	4	18.96	0.079	18.93	0.078	18.87	0.077
3	16QAM	8	7	18.91	0.078	18.93	0.078	18.86	0.077
3	16QAM	15	0	18.83	0.076	18.84	0.077	18.93	0.078
3	64QAM	1	0	18.90	0.078	18.99	0.079	18.97	0.079
3	64QAM	1	8	18.99	0.079	18.92	0.078	18.73	0.075
3	64QAM	1	14	18.80	0.076	18.95	0.079	18.96	0.079
3	64QAM	8	0	17.95	0.062	17.98	0.063	17.81	0.060
3	64QAM	8	4	17.84	0.061	17.94	0.062	17.90	0.062
3	64QAM	8	7	17.83	0.061	17.94	0.062	18.02	0.063
3	64QAM	15	0	17.93	0.062	17.92	0.062	17.86	0.061



LTE Band 12				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23017		23095		23173	
Frequency (MHz)				699.7		707.5		715.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	20.84	0.121	21.01	0.126	20.86	0.122
1.4	QPSK	1	3	20.99	0.126	20.83	0.121	20.80	0.120
1.4	QPSK	1	5	20.98	0.125	21.00	0.126	20.81	0.121
1.4	QPSK	3	0	19.97	0.099	19.94	0.099	20.03	0.101
1.4	QPSK	3	1	20.06	0.101	20.03	0.101	19.94	0.099
1.4	QPSK	3	3	19.99	0.100	19.91	0.098	19.98	0.100
1.4	QPSK	6	0	19.90	0.098	19.94	0.099	19.93	0.098
1.4	16QAM	1	0	19.90	0.098	19.97	0.099	19.92	0.098
1.4	16QAM	1	3	19.81	0.096	19.91	0.098	19.83	0.096
1.4	16QAM	1	5	19.93	0.098	20.01	0.100	19.95	0.099
1.4	16QAM	3	0	18.96	0.079	19.02	0.080	19.00	0.079
1.4	16QAM	3	1	18.99	0.079	19.08	0.081	19.07	0.081
1.4	16QAM	3	3	18.94	0.078	18.97	0.079	18.93	0.078
1.4	16QAM	6	0	18.84	0.077	19.03	0.080	18.81	0.076
1.4	64QAM	1	0	19.03	0.080	19.03	0.080	18.90	0.078
1.4	64QAM	1	3	19.00	0.079	18.93	0.078	18.92	0.078
1.4	64QAM	1	5	18.84	0.077	19.00	0.079	18.86	0.077
1.4	64QAM	3	0	17.96	0.063	17.91	0.062	17.82	0.061
1.4	64QAM	3	1	17.93	0.062	17.94	0.062	17.90	0.062
1.4	64QAM	3	3	18.11	0.065	18.00	0.063	17.94	0.062
1.4	64QAM	6	0	17.90	0.062	17.94	0.062	17.97	0.063



LTE Band 13				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				/		23230		/	
Frequency (MHz)				/		782		/	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	/	/	21.00	0.126	/	/
10	QPSK	1	25	/	/	20.81	0.121	/	/
10	QPSK	1	49	/	/	20.94	0.124	/	/
10	QPSK	25	0	/	/	19.89	0.097	/	/
10	QPSK	25	12	/	/	19.82	0.096	/	/
10	QPSK	25	25	/	/	19.79	0.095	/	/
10	QPSK	50	0	/	/	19.76	0.095	/	/
10	16QAM	1	0	/	/	19.90	0.098	/	/
10	16QAM	1	25	/	/	19.87	0.097	/	/
10	16QAM	1	49	/	/	19.91	0.098	/	/
10	16QAM	25	0	/	/	18.94	0.078	/	/
10	16QAM	25	12	/	/	18.83	0.076	/	/
10	16QAM	25	25	/	/	18.85	0.077	/	/
10	16QAM	50	0	/	/	18.92	0.078	/	/
10	64QAM	1	0	/	/	19.03	0.080	/	/
10	64QAM	1	25	/	/	18.89	0.077	/	/
10	64QAM	1	49	/	/	18.99	0.079	/	/
10	64QAM	25	0	/	/	18.01	0.063	/	/
10	64QAM	25	12	/	/	17.82	0.061	/	/
10	64QAM	25	25	/	/	17.84	0.061	/	/
10	64QAM	50	0	/	/	17.88	0.061	/	/



LTE Band 13				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23205		23230		23255	
Frequency (MHz)				779.5		782		784.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	20.95	0.124	20.98	0.125	20.89	0.123
5	QPSK	1	12	20.92	0.124	20.94	0.124	20.94	0.124
5	QPSK	1	24	20.74	0.119	20.90	0.123	20.82	0.121
5	QPSK	12	0	19.98	0.100	20.04	0.101	19.99	0.100
5	QPSK	12	7	19.80	0.095	19.88	0.097	19.97	0.099
5	QPSK	12	13	19.83	0.096	19.87	0.097	19.84	0.096
5	QPSK	25	0	19.89	0.097	19.97	0.099	19.92	0.098
5	16QAM	1	0	19.98	0.100	19.99	0.100	19.86	0.097
5	16QAM	1	12	19.82	0.096	19.81	0.096	19.93	0.098
5	16QAM	1	24	19.81	0.096	19.90	0.098	19.73	0.094
5	16QAM	12	0	19.07	0.081	19.03	0.080	18.99	0.079
5	16QAM	12	7	18.95	0.079	18.97	0.079	18.91	0.078
5	16QAM	12	13	18.97	0.079	19.01	0.080	18.94	0.078
5	16QAM	25	0	18.82	0.076	19.11	0.081	18.86	0.077
5	64QAM	1	0	19.01	0.080	18.96	0.079	18.85	0.077
5	64QAM	1	12	18.95	0.079	18.86	0.077	18.99	0.079
5	64QAM	1	24	19.06	0.081	18.75	0.075	18.92	0.078
5	64QAM	12	0	18.10	0.065	18.05	0.064	17.97	0.063
5	64QAM	12	7	17.92	0.062	18.03	0.064	18.11	0.065
5	64QAM	12	13	18.07	0.064	17.98	0.063	17.93	0.062
5	64QAM	25	0	17.95	0.062	18.07	0.064	17.91	0.062



LTE Band 17				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23780		23790		23800	
Frequency (MHz)				709		710		711	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	20.83	0.121	20.99	0.126	20.79	0.120
10	QPSK	1	25	20.96	0.125	20.88	0.122	20.86	0.122
10	QPSK	1	49	20.97	0.125	20.86	0.122	20.80	0.120
10	QPSK	25	0	19.97	0.099	20.05	0.101	19.93	0.098
10	QPSK	25	12	19.95	0.099	20.03	0.101	19.97	0.099
10	QPSK	25	25	19.94	0.099	19.95	0.099	19.99	0.100
10	QPSK	50	0	19.89	0.097	19.93	0.098	19.86	0.097
10	16QAM	1	0	19.82	0.096	19.94	0.099	19.76	0.095
10	16QAM	1	25	19.95	0.099	19.94	0.099	19.87	0.097
10	16QAM	1	49	19.87	0.097	19.82	0.096	19.91	0.098
10	16QAM	25	0	18.91	0.078	19.03	0.080	18.97	0.079
10	16QAM	25	12	18.99	0.079	18.90	0.078	18.75	0.075
10	16QAM	25	25	18.97	0.079	19.06	0.081	18.97	0.079
10	16QAM	50	0	18.90	0.078	18.85	0.077	19.00	0.079
10	64QAM	1	0	19.02	0.080	18.93	0.078	19.05	0.080
10	64QAM	1	25	19.08	0.081	19.11	0.081	19.03	0.080
10	64QAM	1	49	18.93	0.078	18.95	0.079	18.80	0.076
10	64QAM	25	0	17.99	0.063	17.99	0.063	18.08	0.064
10	64QAM	25	12	18.04	0.064	18.02	0.063	17.96	0.063
10	64QAM	25	25	18.04	0.064	18.05	0.064	17.90	0.062
10	64QAM	50	0	17.92	0.062	18.11	0.065	18.06	0.064



LTE Band 17				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23755		23790		23825	
Frequency (MHz)				706.5		710		713.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	20.90	0.123	20.96	0.125	20.88	0.122
5	QPSK	1	12	20.70	0.117	20.94	0.124	20.86	0.122
5	QPSK	1	24	20.92	0.124	20.88	0.122	20.88	0.122
5	QPSK	12	0	19.95	0.099	19.96	0.099	19.94	0.099
5	QPSK	12	7	20.03	0.101	19.90	0.098	19.92	0.098
5	QPSK	12	13	19.92	0.098	19.93	0.098	19.86	0.097
5	QPSK	25	0	19.90	0.098	19.94	0.099	19.79	0.095
5	16QAM	1	0	19.93	0.098	20.04	0.101	19.83	0.096
5	16QAM	1	12	20.05	0.101	20.07	0.102	19.97	0.099
5	16QAM	1	24	20.02	0.100	19.81	0.096	19.89	0.097
5	16QAM	12	0	19.06	0.081	19.03	0.080	18.90	0.078
5	16QAM	12	7	18.92	0.078	18.88	0.077	18.88	0.077
5	16QAM	12	13	19.08	0.081	18.96	0.079	18.96	0.079
5	16QAM	25	0	19.02	0.080	19.03	0.080	19.04	0.080
5	64QAM	1	0	19.01	0.080	18.97	0.079	19.04	0.080
5	64QAM	1	12	18.82	0.076	19.07	0.081	18.82	0.076
5	64QAM	1	24	18.85	0.077	18.75	0.075	18.92	0.078
5	64QAM	12	0	18.01	0.063	17.98	0.063	17.99	0.063
5	64QAM	12	7	17.96	0.063	18.08	0.064	18.10	0.065
5	64QAM	12	13	17.90	0.062	17.91	0.062	18.07	0.064
5	64QAM	25	0	17.90	0.062	17.98	0.063	17.95	0.062





LTE Band 18				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23965		23970		23975	
Frequency (MHz)				826.5		827		827.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	22.04	0.160	21.97	0.157	22.06	0.161
5	QPSK	1	12	21.97	0.157	21.98	0.158	22.05	0.160
5	QPSK	1	24	21.74	0.149	21.76	0.150	21.85	0.153
5	QPSK	12	0	20.96	0.125	21.07	0.128	21.08	0.128
5	QPSK	12	7	20.80	0.120	20.80	0.120	20.90	0.123
5	QPSK	12	13	20.96	0.125	21.01	0.126	21.06	0.128
5	QPSK	25	0	20.89	0.123	20.97	0.125	20.98	0.125
5	16QAM	1	0	20.94	0.124	20.95	0.124	21.02	0.126
5	16QAM	1	12	21.07	0.128	21.11	0.129	21.13	0.130
5	16QAM	1	24	20.80	0.120	20.73	0.118	20.84	0.121
5	16QAM	12	0	20.03	0.101	20.03	0.101	20.06	0.101
5	16QAM	12	7	19.86	0.097	19.82	0.096	19.92	0.098
5	16QAM	12	13	19.94	0.099	19.91	0.098	20.01	0.100
5	16QAM	25	0	19.95	0.099	20.00	0.100	20.01	0.100
5	64QAM	1	0	19.99	0.100	19.95	0.099	20.06	0.101
5	64QAM	1	12	19.81	0.096	19.82	0.096	19.85	0.097
5	64QAM	1	24	19.94	0.099	19.94	0.099	19.99	0.100
5	64QAM	12	0	19.04	0.080	19.02	0.080	19.07	0.081
5	64QAM	12	7	18.97	0.079	19.08	0.081	19.09	0.081
5	64QAM	12	13	18.89	0.077	18.95	0.079	19.01	0.080
5	64QAM	25	0	18.93	0.078	18.95	0.079	19.01	0.080



LTE Band 19				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				/		24075		/	
Frequency (MHz)				/		837.5		/	
				/	/	dbm	W	/	/
15	QPSK	1	0	/	/	21.06	0.128	/	/
15	QPSK	1	37	/	/	20.93	0.124	/	/
15	QPSK	1	74	/	/	20.90	0.123	/	/
15	QPSK	36	0	/	/	20.13	0.103	/	/
15	QPSK	36	20	/	/	19.89	0.097	/	/
15	QPSK	36	39	/	/	19.81	0.096	/	/
15	QPSK	75	0	/	/	19.89	0.097	/	/
15	16QAM	1	0	/	/	19.95	0.099	/	/
15	16QAM	1	37	/	/	19.82	0.096	/	/
15	16QAM	1	74	/	/	19.96	0.099	/	/
15	16QAM	36	0	/	/	19.09	0.081	/	/
15	16QAM	36	20	/	/	18.78	0.076	/	/
15	16QAM	36	39	/	/	19.00	0.079	/	/
15	16QAM	75	0	/	/	18.97	0.079	/	/
15	64QAM	1	0	/	/	19.07	0.081	/	/
15	64QAM	1	37	/	/	19.04	0.080	/	/
15	64QAM	1	74	/	/	18.87	0.077	/	/
15	64QAM	36	0	/	/	18.04	0.064	/	/
15	64QAM	36	20	/	/	17.99	0.063	/	/
15	64QAM	36	39	/	/	18.15	0.065	/	/
15	64QAM	75	0	/	/	17.92	0.062	/	/



LTE Band 19				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				24050		24075		24100	
Frequency (MHz)				835		837.5		840	
				dbm	W	dbm	W	dbm	W
10	QPSK	1	0	21.77	0.150	22.03	0.160	21.96	0.157
10	QPSK	1	25	21.77	0.150	21.87	0.154	21.84	0.153
10	QPSK	1	49	21.81	0.152	21.88	0.154	21.99	0.158
10	QPSK	25	0	20.93	0.124	21.05	0.127	20.96	0.125
10	QPSK	25	12	20.85	0.122	20.91	0.123	21.01	0.126
10	QPSK	25	25	20.81	0.121	20.89	0.123	20.92	0.124
10	QPSK	50	0	20.90	0.123	20.93	0.124	20.86	0.122
10	16QAM	1	0	20.95	0.124	20.97	0.125	21.04	0.127
10	16QAM	1	25	21.00	0.126	21.09	0.129	21.08	0.128
10	16QAM	1	49	20.92	0.124	21.08	0.128	20.91	0.123
10	16QAM	25	0	20.01	0.100	20.09	0.102	20.04	0.101
10	16QAM	25	12	19.92	0.098	20.03	0.101	19.82	0.096
10	16QAM	25	25	20.05	0.101	20.02	0.100	19.99	0.100
10	16QAM	50	0	19.92	0.098	19.83	0.096	19.85	0.097
10	64QAM	1	0	19.96	0.099	20.10	0.102	20.11	0.103
10	64QAM	1	12	19.98	0.100	19.95	0.099	19.76	0.095
10	64QAM	1	24	20.10	0.102	20.08	0.102	20.09	0.102
10	64QAM	12	0	19.05	0.080	19.12	0.082	18.97	0.079
10	64QAM	12	7	19.04	0.080	18.99	0.079	19.19	0.083
10	64QAM	12	13	19.06	0.081	18.89	0.077	18.95	0.079
10	64QAM	25	0	18.89	0.077	18.96	0.079	18.92	0.078



LTE Band 19				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				24025		24075		24125	
Frequency (MHz)				832.5		837.5		842.5	
				dbm	W	dbm	W	dbm	W
5	QPSK	1	0	21.93	0.156	22.02	0.159	21.97	0.157
5	QPSK	1	12	21.79	0.151	21.81	0.152	22.01	0.159
5	QPSK	1	24	21.85	0.153	21.93	0.156	22.00	0.158
5	QPSK	12	0	20.91	0.123	21.07	0.128	21.00	0.126
5	QPSK	12	7	21.05	0.127	21.10	0.129	20.81	0.121
5	QPSK	12	13	20.84	0.121	21.06	0.128	21.03	0.127
5	QPSK	25	0	20.85	0.122	20.98	0.125	21.15	0.130
5	16QAM	1	0	20.91	0.123	21.16	0.131	20.82	0.121
5	16QAM	1	12	20.97	0.125	20.87	0.122	20.87	0.122
5	16QAM	1	24	20.88	0.122	20.80	0.120	21.04	0.127
5	16QAM	12	0	19.85	0.097	19.91	0.098	19.97	0.099
5	16QAM	12	7	19.86	0.097	19.80	0.095	19.92	0.098
5	16QAM	12	13	20.05	0.101	20.13	0.103	19.89	0.097
5	16QAM	25	0	19.95	0.099	19.99	0.100	20.01	0.100
5	64QAM	1	0	19.89	0.097	19.88	0.097	19.93	0.098
5	64QAM	1	12	19.88	0.097	19.88	0.097	19.76	0.095
5	64QAM	1	24	19.82	0.096	19.74	0.094	19.80	0.095
5	64QAM	12	0	19.10	0.081	19.14	0.082	18.98	0.079
5	64QAM	12	7	18.87	0.077	18.99	0.079	19.16	0.082
5	64QAM	12	13	18.91	0.078	19.04	0.080	19.07	0.081
5	64QAM	25	0	18.85	0.077	19.21	0.083	19.01	0.080



LTE Band 25				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26140		26365		26590	
Frequency (MHz)				1860		1882.5		1905	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	25.17	0.329	25.22	0.333	25.08	0.322
20	QPSK	1	49	25.01	0.317	24.96	0.313	25.09	0.323
20	QPSK	1	99	25.11	0.324	25.13	0.326	25.11	0.324
20	QPSK	50	0	24.16	0.261	24.25	0.266	24.23	0.265
20	QPSK	50	24	23.97	0.249	24.23	0.265	24.08	0.256
20	QPSK	50	50	24.12	0.258	24.19	0.262	24.14	0.259
20	QPSK	100	0	24.18	0.262	24.10	0.257	24.04	0.254
20	16QAM	1	0	24.12	0.258	24.23	0.265	24.02	0.252
20	16QAM	1	49	23.92	0.247	24.21	0.264	24.02	0.252
20	16QAM	1	99	24.13	0.259	24.15	0.260	24.07	0.255
20	16QAM	50	0	23.04	0.201	23.09	0.204	23.21	0.209
20	16QAM	50	24	23.01	0.200	23.14	0.206	22.91	0.195
20	16QAM	50	50	23.14	0.206	23.16	0.207	23.05	0.202
20	16QAM	100	0	23.23	0.210	23.05	0.202	23.15	0.207
20	64QAM	1	0	23.00	0.200	23.18	0.208	23.04	0.201
20	64QAM	1	49	23.09	0.204	23.18	0.208	22.98	0.199
20	64QAM	1	99	23.14	0.206	23.12	0.205	23.07	0.203
20	64QAM	50	0	22.14	0.164	22.20	0.166	22.18	0.165
20	64QAM	50	24	22.17	0.165	22.21	0.166	22.15	0.164
20	64QAM	50	50	22.17	0.165	22.17	0.165	21.97	0.157
20	64QAM	100	0	22.12	0.163	22.08	0.161	22.15	0.164



LTE Band 25				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26115		26365		26615	
Frequency (MHz)				1857.5		1882.5		1907.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	24.96	0.313	25.19	0.330	24.99	0.316
15	QPSK	1	37	25.14	0.327	25.13	0.326	25.03	0.318
15	QPSK	1	74	24.92	0.310	25.02	0.318	25.16	0.328
15	QPSK	36	0	25.19	0.330	24.24	0.265	24.21	0.264
15	QPSK	36	20	24.13	0.259	24.18	0.262	24.15	0.260
15	QPSK	36	39	24.10	0.257	24.10	0.257	24.06	0.255
15	QPSK	75	0	24.15	0.260	24.00	0.251	24.12	0.258
15	16QAM	1	0	24.21	0.264	24.20	0.263	24.22	0.264
15	16QAM	1	37	23.98	0.250	24.00	0.251	24.14	0.259
15	16QAM	1	74	23.99	0.251	24.07	0.255	23.97	0.249
15	16QAM	36	0	23.20	0.209	23.24	0.211	23.09	0.204
15	16QAM	36	20	23.11	0.205	22.99	0.199	22.98	0.199
15	16QAM	36	39	23.11	0.205	23.14	0.206	23.17	0.207
15	16QAM	75	0	23.08	0.203	23.03	0.201	23.00	0.200
15	64QAM	1	0	23.03	0.201	23.22	0.210	23.09	0.204
15	64QAM	1	37	23.24	0.211	23.14	0.206	23.05	0.202
15	64QAM	1	74	23.26	0.212	23.17	0.207	23.18	0.208
15	64QAM	36	0	22.14	0.164	22.21	0.166	22.19	0.166
15	64QAM	36	20	22.09	0.162	22.20	0.166	22.02	0.159
15	64QAM	36	39	22.08	0.161	22.12	0.163	21.98	0.158
15	64QAM	75	0	22.09	0.162	22.16	0.164	22.10	0.162



LTE Band 25				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26090		26365		26640	
Frequency (MHz)				1855		1882.5		1910	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	25.11	0.324	25.20	0.331	25.08	0.322
10	QPSK	1	25	24.95	0.313	25.15	0.327	24.94	0.312
10	QPSK	1	49	25.16	0.328	25.05	0.320	25.07	0.321
10	QPSK	25	0	24.06	0.255	24.19	0.262	24.21	0.264
10	QPSK	25	12	24.04	0.254	24.13	0.259	24.20	0.263
10	QPSK	25	25	24.03	0.253	24.10	0.257	24.15	0.260
10	QPSK	50	0	24.12	0.258	24.08	0.256	24.22	0.264
10	16QAM	1	0	24.13	0.259	24.18	0.262	24.01	0.252
10	16QAM	1	25	24.09	0.256	24.02	0.252	24.12	0.258
10	16QAM	1	49	24.10	0.257	24.01	0.252	24.19	0.262
10	16QAM	25	0	22.99	0.199	23.22	0.210	23.05	0.202
10	16QAM	25	12	23.16	0.207	23.08	0.203	23.25	0.211
10	16QAM	25	25	23.14	0.206	23.25	0.211	23.05	0.202
10	16QAM	50	0	23.09	0.204	23.11	0.205	23.06	0.202
10	64QAM	1	0	23.09	0.204	23.06	0.202	22.97	0.198
10	64QAM	1	25	23.11	0.205	23.13	0.206	23.14	0.206
10	64QAM	1	49	23.10	0.204	22.93	0.196	23.14	0.206
10	64QAM	25	0	22.17	0.165	22.17	0.165	22.20	0.166
10	64QAM	25	12	22.03	0.160	22.09	0.162	22.12	0.163
10	64QAM	25	25	22.05	0.160	22.02	0.159	22.23	0.167
10	64QAM	50	0	22.23	0.167	22.21	0.166	22.20	0.166



LTE Band 25				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26065		26365		26665	
Frequency (MHz)				1852.5		1882.5		1912.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	25.09	0.323	25.17	0.329	25.06	0.321
5	QPSK	1	12	24.94	0.312	25.00	0.316	25.01	0.317
5	QPSK	1	24	25.13	0.326	25.08	0.322	24.95	0.313
5	QPSK	12	0	24.12	0.258	24.18	0.262	24.17	0.261
5	QPSK	12	7	24.18	0.262	24.10	0.257	24.06	0.255
5	QPSK	12	13	24.09	0.256	24.17	0.261	24.06	0.255
5	QPSK	25	0	23.99	0.251	24.03	0.253	24.16	0.261
5	16QAM	1	0	24.24	0.265	24.25	0.266	24.16	0.261
5	16QAM	1	12	24.14	0.259	24.19	0.262	24.10	0.257
5	16QAM	1	24	24.23	0.265	24.16	0.261	24.21	0.264
5	16QAM	12	0	23.21	0.209	23.17	0.207	23.11	0.205
5	16QAM	12	7	23.08	0.203	23.13	0.206	22.95	0.197
5	16QAM	12	13	23.14	0.206	23.20	0.209	22.96	0.198
5	16QAM	25	0	23.09	0.204	23.02	0.200	23.06	0.202
5	64QAM	1	0	22.96	0.198	23.21	0.209	23.04	0.201
5	64QAM	1	12	23.23	0.210	23.14	0.206	23.05	0.202
5	64QAM	1	24	23.02	0.200	23.16	0.207	23.06	0.202
5	64QAM	12	0	22.18	0.165	22.16	0.164	22.13	0.163
5	64QAM	12	7	22.14	0.164	22.12	0.163	22.16	0.164
5	64QAM	12	13	22.18	0.165	22.03	0.160	21.96	0.157
5	64QAM	25	0	22.19	0.166	22.13	0.163	22.07	0.161





LTE Band 25				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26055		26365		26675	
Frequency (MHz)				1851.5		1882.5		1913.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	25.02	0.318	25.18	0.330	25.02	0.318
3	QPSK	1	8	25.11	0.324	24.95	0.313	24.91	0.310
3	QPSK	1	14	25.05	0.320	25.09	0.323	25.22	0.333
3	QPSK	8	0	24.13	0.259	24.17	0.261	24.16	0.261
3	QPSK	8	4	24.09	0.256	24.10	0.257	24.08	0.256
3	QPSK	8	7	24.04	0.254	23.97	0.249	24.13	0.259
3	QPSK	15	0	24.02	0.252	24.24	0.265	24.05	0.254
3	16QAM	1	0	24.19	0.262	24.13	0.259	24.14	0.259
3	16QAM	1	8	24.21	0.264	24.09	0.256	24.06	0.255
3	16QAM	1	14	24.13	0.259	24.03	0.253	23.88	0.244
3	16QAM	8	0	22.99	0.199	23.20	0.209	23.19	0.208
3	16QAM	8	4	23.05	0.202	23.03	0.201	22.95	0.197
3	16QAM	8	7	23.11	0.205	23.13	0.206	23.21	0.209
3	16QAM	15	0	23.15	0.207	23.17	0.207	22.93	0.196
3	64QAM	1	0	23.14	0.206	23.13	0.206	23.19	0.208
3	64QAM	1	8	23.16	0.207	23.19	0.208	22.96	0.198
3	64QAM	1	14	22.98	0.199	23.00	0.200	23.05	0.202
3	64QAM	8	0	22.15	0.164	22.19	0.166	22.14	0.164
3	64QAM	8	4	22.08	0.161	22.22	0.167	22.18	0.165
3	64QAM	8	7	22.12	0.163	22.07	0.161	22.08	0.161
3	64QAM	15	0	22.18	0.165	22.06	0.161	22.13	0.163



LTE Band 25				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26047		26365		26683	
Frequency (MHz)				1850.7		1882.5		1914.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	25.11	0.324	25.17	0.329	25.00	0.316
1.4	QPSK	1	3	24.99	0.316	25.15	0.327	25.03	0.318
1.4	QPSK	1	5	25.12	0.325	25.04	0.319	25.04	0.319
1.4	QPSK	3	0	24.22	0.264	24.25	0.266	24.14	0.259
1.4	QPSK	3	1	24.01	0.252	24.12	0.258	24.16	0.261
1.4	QPSK	3	3	24.11	0.258	24.16	0.261	24.11	0.258
1.4	QPSK	6	0	24.16	0.261	24.11	0.258	24.08	0.256
1.4	16QAM	1	0	24.14	0.259	24.15	0.260	24.16	0.261
1.4	16QAM	1	3	23.91	0.246	23.98	0.250	24.18	0.262
1.4	16QAM	1	5	24.13	0.259	24.16	0.261	24.01	0.252
1.4	16QAM	3	0	23.22	0.210	23.12	0.205	23.16	0.207
1.4	16QAM	3	1	22.98	0.199	23.17	0.207	23.22	0.210
1.4	16QAM	3	3	23.22	0.210	23.23	0.210	23.19	0.208
1.4	16QAM	6	0	23.04	0.201	23.09	0.204	22.99	0.199
1.4	64QAM	1	0	23.03	0.201	23.15	0.207	23.12	0.205
1.4	64QAM	1	3	23.03	0.201	23.17	0.207	22.96	0.198
1.4	64QAM	1	5	23.21	0.209	23.24	0.211	23.22	0.210
1.4	64QAM	3	0	22.17	0.165	22.21	0.166	22.13	0.163
1.4	64QAM	3	1	22.13	0.163	22.14	0.164	22.11	0.163
1.4	64QAM	3	3	22.12	0.163	22.25	0.168	22.06	0.161
1.4	64QAM	6	0	22.22	0.167	22.23	0.167	22.16	0.164



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	22.10	0.162	21.94	0.156	22.02	0.159
15	QPSK	1	37	21.99	0.158	21.99	0.158	22.01	0.159
15	QPSK	1	74	21.93	0.156	21.91	0.155	22.03	0.160
15	QPSK	36	0	21.12	0.129	20.83	0.121	20.93	0.124
15	QPSK	36	20	21.07	0.128	20.71	0.118	20.82	0.121
15	QPSK	36	39	20.93	0.124	21.03	0.127	21.08	0.128
15	QPSK	75	0	20.95	0.124	20.91	0.123	20.99	0.126
15	16QAM	1	0	20.98	0.125	20.73	0.118	20.82	0.121
15	16QAM	1	37	21.02	0.126	20.92	0.124	21.03	0.127
15	16QAM	1	74	20.92	0.124	20.73	0.118	20.81	0.121
15	16QAM	36	0	19.92	0.098	19.84	0.096	19.88	0.097
15	16QAM	36	20	19.80	0.095	19.84	0.096	19.90	0.098
15	16QAM	36	39	20.09	0.102	19.99	0.100	20.11	0.103
15	16QAM	75	0	19.87	0.097	19.76	0.095	19.83	0.096
15	64QAM	1	0	20.15	0.104	19.88	0.097	19.99	0.100
15	64QAM	1	37	20.12	0.103	19.82	0.096	19.83	0.096
15	64QAM	1	74	20.05	0.101	19.69	0.093	19.77	0.095
15	64QAM	36	0	19.03	0.080	19.05	0.080	19.07	0.081
15	64QAM	36	20	18.94	0.078	18.91	0.078	19.00	0.079
15	64QAM	36	39	18.86	0.077	18.91	0.078	18.93	0.078
15	64QAM	75	0	18.98	0.079	18.95	0.079	19.05	0.080



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	21.77	0.150	21.88	0.154	21.89	0.155
10	QPSK	1	25	22.00	0.158	21.96	0.157	22.01	0.159
10	QPSK	1	49	21.84	0.153	21.79	0.151	21.91	0.155
10	QPSK	25	0	20.94	0.124	21.02	0.126	21.05	0.127
10	QPSK	25	12	21.07	0.128	21.06	0.128	21.13	0.130
10	QPSK	25	25	20.89	0.123	20.89	0.123	20.92	0.124
10	QPSK	50	0	21.07	0.128	20.97	0.125	21.08	0.128
10	16QAM	1	0	20.91	0.123	20.96	0.125	21.00	0.126
10	16QAM	1	25	21.11	0.129	21.02	0.126	21.12	0.129
10	16QAM	1	49	21.02	0.126	20.94	0.124	21.04	0.127
10	16QAM	25	0	19.99	0.100	20.07	0.102	20.10	0.102
10	16QAM	25	12	19.68	0.093	19.74	0.094	19.76	0.095
10	16QAM	25	25	19.98	0.100	19.99	0.100	20.03	0.101
10	16QAM	50	0	19.84	0.096	19.83	0.096	19.86	0.097
10	64QAM	1	0	19.82	0.096	19.93	0.098	19.94	0.099
10	64QAM	1	25	19.66	0.092	19.69	0.093	19.78	0.095
10	64QAM	1	49	19.70	0.093	19.77	0.095	19.81	0.096
10	64QAM	25	0	19.08	0.081	19.02	0.080	19.09	0.081
10	64QAM	25	12	19.03	0.080	18.96	0.079	19.07	0.081
10	64QAM	25	25	18.98	0.079	19.03	0.080	19.04	0.080
10	64QAM	50	0	19.09	0.081	18.99	0.079	19.10	0.081



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	21.68	0.147	21.63	0.146	21.75	0.150
5	QPSK	1	12	21.69	0.148	21.73	0.149	21.80	0.151
5	QPSK	1	24	21.94	0.156	22.01	0.159	22.05	0.160
5	QPSK	12	0	21.05	0.127	21.08	0.128	21.17	0.131
5	QPSK	12	7	20.73	0.118	20.78	0.120	20.81	0.121
5	QPSK	12	13	21.09	0.129	21.03	0.127	21.10	0.129
5	QPSK	25	0	20.91	0.123	20.90	0.123	20.99	0.126
5	16QAM	1	0	21.03	0.127	21.06	0.128	21.07	0.128
5	16QAM	1	12	20.87	0.122	20.84	0.121	20.95	0.124
5	16QAM	1	24	20.75	0.119	20.72	0.118	20.80	0.120
5	16QAM	12	0	20.03	0.101	19.99	0.100	20.09	0.102
5	16QAM	12	7	19.67	0.093	19.65	0.092	19.74	0.094
5	16QAM	12	13	19.88	0.097	19.90	0.098	19.91	0.098
5	16QAM	25	0	19.87	0.097	19.88	0.097	19.95	0.099
5	64QAM	1	0	19.90	0.098	19.87	0.097	19.98	0.100
5	64QAM	1	12	19.71	0.094	19.73	0.094	19.80	0.095
5	64QAM	1	24	19.78	0.095	19.74	0.094	19.81	0.096
5	64QAM	12	0	18.98	0.079	19.02	0.080	19.04	0.080
5	64QAM	12	7	18.98	0.079	19.00	0.079	19.01	0.080
5	64QAM	12	13	18.81	0.076	18.84	0.077	18.86	0.077
5	64QAM	25	0	18.88	0.077	18.86	0.077	18.97	0.079



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	21.95	0.157	22.00	0.158	22.02	0.159
3	QPSK	1	8	21.64	0.146	21.68	0.147	21.74	0.149
3	QPSK	1	14	21.77	0.150	21.80	0.151	21.81	0.152
3	QPSK	8	0	21.03	0.127	20.99	0.126	21.09	0.129
3	QPSK	8	4	20.91	0.123	21.00	0.126	21.03	0.127
3	QPSK	8	7	20.83	0.121	20.80	0.120	20.91	0.123
3	QPSK	15	0	20.92	0.124	20.90	0.123	20.99	0.126
3	16QAM	1	0	20.72	0.118	20.75	0.119	20.79	0.120
3	16QAM	1	8	20.91	0.123	20.99	0.126	21.01	0.126
3	16QAM	1	14	20.89	0.123	20.90	0.123	20.99	0.126
3	16QAM	8	0	20.10	0.102	20.05	0.101	20.16	0.104
3	16QAM	8	4	19.75	0.094	19.80	0.095	19.84	0.096
3	16QAM	8	7	19.75	0.094	19.76	0.095	19.84	0.096
3	16QAM	15	0	19.94	0.099	19.89	0.097	19.98	0.100
3	64QAM	1	0	19.95	0.099	19.91	0.098	19.96	0.099
3	64QAM	1	8	19.71	0.094	19.77	0.095	19.81	0.096
3	64QAM	1	14	19.96	0.099	20.00	0.100	20.01	0.100
3	64QAM	8	0	19.08	0.081	18.99	0.079	19.11	0.081
3	64QAM	8	4	18.91	0.078	18.89	0.077	18.96	0.079
3	64QAM	8	7	19.01	0.080	19.08	0.081	19.10	0.081
3	64QAM	15	0	19.07	0.081	19.10	0.081	19.12	0.082



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	21.92	0.156	21.95	0.157	22.03	0.160
1.4	QPSK	1	3	21.76	0.150	21.83	0.152	21.88	0.154
1.4	QPSK	1	5	21.92	0.156	21.97	0.157	22.02	0.159
1.4	QPSK	3	0	20.99	0.126	20.98	0.125	21.03	0.127
1.4	QPSK	3	1	20.87	0.122	20.92	0.124	20.99	0.126
1.4	QPSK	3	3	20.91	0.123	20.86	0.122	20.98	0.125
1.4	QPSK	6	0	21.08	0.128	21.13	0.130	21.16	0.131
1.4	16QAM	1	0	20.75	0.119	20.66	0.116	20.78	0.120
1.4	16QAM	1	3	20.80	0.120	20.75	0.119	20.87	0.122
1.4	16QAM	1	5	20.77	0.119	20.76	0.119	20.82	0.121
1.4	16QAM	3	0	19.97	0.099	20.03	0.101	20.08	0.102
1.4	16QAM	3	1	19.76	0.095	19.75	0.094	19.83	0.096
1.4	16QAM	3	3	20.03	0.101	19.99	0.100	20.04	0.101
1.4	16QAM	6	0	19.97	0.099	19.87	0.097	19.98	0.100
1.4	64QAM	1	0	19.71	0.094	19.73	0.094	19.78	0.095
1.4	64QAM	1	3	19.76	0.095	19.83	0.096	19.85	0.097
1.4	64QAM	1	5	19.80	0.095	19.81	0.096	19.85	0.097
1.4	64QAM	3	0	18.88	0.077	18.94	0.078	18.99	0.079
1.4	64QAM	3	1	18.90	0.078	18.85	0.077	18.93	0.078
1.4	64QAM	3	3	18.72	0.074	18.73	0.075	18.76	0.075
1.4	64QAM	6	0	19.00	0.079	19.02	0.080	19.10	0.081



LTE Band 30				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				/		27710		/	
Frequency (MHz)				/		2310		/	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	/	/	25.51	0.356	/	/
10	QPSK	1	25	/	/	25.41	0.348	/	/
10	QPSK	1	49	/	/	25.34	0.342	/	/
10	QPSK	25	0	/	/	24.53	0.284	/	/
10	QPSK	25	12	/	/	24.45	0.279	/	/
10	QPSK	25	25	/	/	24.52	0.283	/	/
10	QPSK	50	0	/	/	24.45	0.279	/	/
10	16QAM	1	0	/	/	24.50	0.282	/	/
10	16QAM	1	25	/	/	24.47	0.280	/	/
10	16QAM	1	49	/	/	24.58	0.287	/	/
10	16QAM	25	0	/	/	23.62	0.230	/	/
10	16QAM	25	12	/	/	23.64	0.231	/	/
10	16QAM	25	25	/	/	23.37	0.217	/	/
10	16QAM	50	0	/	/	23.47	0.222	/	/
10	64QAM	1	0	/	/	23.58	0.228	/	/
10	64QAM	1	25	/	/	23.59	0.229	/	/
10	64QAM	1	49	/	/	23.52	0.225	/	/
10	64QAM	25	0	/	/	22.55	0.180	/	/
10	64QAM	25	12	/	/	22.61	0.182	/	/
10	64QAM	25	25	/	/	22.57	0.181	/	/
10	64QAM	50	0	/	/	22.56	0.180	/	/





LTE Band 30				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				27685		27710		27735	
Frequency (MHz)				2307.5		2310		2312.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	25.37	0.344	25.48	0.353	25.27	0.337
5	QPSK	1	12	25.32	0.340	25.28	0.337	25.25	0.335
5	QPSK	1	24	25.44	0.350	25.40	0.347	25.42	0.348
5	QPSK	12	0	24.43	0.277	24.64	0.291	24.45	0.279
5	QPSK	12	7	24.52	0.283	24.61	0.289	24.65	0.292
5	QPSK	12	13	24.40	0.275	24.48	0.281	24.59	0.288
5	QPSK	25	0	24.38	0.274	24.34	0.272	24.59	0.288
5	16QAM	1	0	24.54	0.284	24.50	0.282	24.37	0.274
5	16QAM	1	12	24.33	0.271	24.60	0.288	24.65	0.292
5	16QAM	1	24	24.53	0.284	24.59	0.288	24.37	0.274
5	16QAM	12	0	23.38	0.218	23.59	0.229	23.60	0.229
5	16QAM	12	7	23.40	0.219	23.44	0.221	23.26	0.212
5	16QAM	12	13	23.44	0.221	23.46	0.222	23.35	0.216
5	16QAM	25	0	23.39	0.218	23.34	0.216	23.31	0.214
5	64QAM	1	0	23.47	0.222	23.44	0.221	23.28	0.213
5	64QAM	1	12	23.63	0.231	23.53	0.225	23.34	0.216
5	64QAM	1	24	23.43	0.220	23.33	0.215	23.46	0.222
5	64QAM	12	0	22.52	0.179	22.56	0.180	22.48	0.177
5	64QAM	12	7	22.61	0.182	22.42	0.175	22.32	0.171
5	64QAM	12	13	22.30	0.170	22.44	0.175	22.38	0.173
5	64QAM	25	0	22.44	0.175	22.42	0.175	22.50	0.178



LTE Band 41 (Power Class 2)				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39750		40620		41490	
Frequency (MHz)				2506		2593		2680	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	27.76	0.597	27.99	0.630	27.72	0.592
20	QPSK	1	49	27.60	0.575	27.72	0.592	27.87	0.612
20	QPSK	1	99	27.77	0.598	27.86	0.611	27.84	0.608
20	QPSK	50	0	26.97	0.498	27.02	0.504	26.82	0.481
20	QPSK	50	24	26.89	0.489	26.95	0.495	26.86	0.485
20	QPSK	50	50	26.82	0.481	26.84	0.483	26.79	0.478
20	QPSK	100	0	26.72	0.470	26.78	0.476	26.80	0.479
20	16QAM	1	0	26.95	0.495	26.96	0.497	26.91	0.491
20	16QAM	1	49	26.94	0.494	26.78	0.476	27.00	0.501
20	16QAM	1	99	27.02	0.504	26.82	0.481	26.97	0.498
20	16QAM	50	0	25.86	0.385	25.83	0.383	25.82	0.382
20	16QAM	50	24	25.83	0.383	25.66	0.368	25.84	0.384
20	16QAM	50	50	25.79	0.379	25.93	0.392	25.77	0.378
20	16QAM	100	0	25.84	0.384	25.77	0.378	25.92	0.391
20	64QAM	1	0	25.99	0.397	25.98	0.396	25.92	0.391
20	64QAM	1	49	25.78	0.378	25.78	0.378	25.94	0.393
20	64QAM	1	99	25.98	0.396	25.95	0.394	25.71	0.372
20	64QAM	50	0	25.01	0.317	24.91	0.310	24.92	0.310
20	64QAM	50	24	24.88	0.308	25.00	0.316	25.00	0.316
20	64QAM	50	50	24.79	0.301	24.78	0.301	24.99	0.316
20	64QAM	100	0	24.90	0.309	24.94	0.312	24.95	0.313



LTE Band 41 (Power Class 2)				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39725		40620		41515	
Frequency (MHz)				2503.5		2593		2682.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	27.86	0.611	27.96	0.625	27.81	0.604
15	QPSK	1	37	27.93	0.621	27.87	0.612	27.68	0.586
15	QPSK	1	74	27.89	0.615	27.92	0.619	27.76	0.597
15	QPSK	36	0	26.80	0.479	27.04	0.506	26.91	0.491
15	QPSK	36	20	26.95	0.495	26.94	0.494	26.88	0.488
15	QPSK	36	39	26.86	0.485	26.83	0.482	26.99	0.500
15	QPSK	75	0	26.94	0.494	26.85	0.484	26.96	0.497
15	16QAM	1	0	26.76	0.474	26.99	0.500	26.86	0.485
15	16QAM	1	37	26.67	0.465	26.89	0.489	26.99	0.500
15	16QAM	1	74	26.91	0.491	26.63	0.460	26.71	0.469
15	16QAM	36	0	25.76	0.377	26.03	0.401	25.87	0.386
15	16QAM	36	20	25.79	0.379	25.74	0.375	25.74	0.375
15	16QAM	36	39	25.83	0.383	25.79	0.379	25.86	0.385
15	16QAM	75	0	26.00	0.398	25.99	0.397	25.80	0.380
15	64QAM	1	0	26.01	0.399	25.76	0.377	25.77	0.378
15	64QAM	1	37	25.86	0.385	25.94	0.393	25.68	0.370
15	64QAM	1	74	25.75	0.376	25.98	0.396	25.70	0.372
15	64QAM	36	0	24.87	0.307	24.97	0.314	24.90	0.309
15	64QAM	36	20	24.88	0.308	24.92	0.310	24.95	0.313
15	64QAM	36	39	24.99	0.316	24.90	0.309	24.72	0.296
15	64QAM	75	0	24.81	0.303	24.98	0.315	24.92	0.310



LTE Band 41 (Power Class 2)				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39700		40620		41540	
Frequency (MHz)				2501		2593		2685	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	27.71	0.590	27.97	0.627	27.68	0.586
10	QPSK	1	25	27.70	0.589	27.68	0.586	27.86	0.611
10	QPSK	1	49	27.96	0.625	27.95	0.624	27.76	0.597
10	QPSK	25	0	26.88	0.488	27.04	0.506	26.94	0.494
10	QPSK	25	12	26.84	0.483	26.86	0.485	27.00	0.501
10	QPSK	25	25	27.00	0.501	26.78	0.476	27.00	0.501
10	QPSK	50	0	26.75	0.473	26.98	0.499	26.81	0.480
10	16QAM	1	0	26.87	0.486	27.01	0.502	26.96	0.497
10	16QAM	1	25	26.72	0.470	26.94	0.494	26.86	0.485
10	16QAM	1	49	26.98	0.499	26.63	0.460	26.75	0.473
10	16QAM	25	0	25.76	0.377	25.80	0.380	25.76	0.377
10	16QAM	25	12	26.05	0.403	25.98	0.396	25.71	0.372
10	16QAM	25	25	25.90	0.389	25.85	0.385	25.92	0.391
10	16QAM	50	0	26.04	0.402	25.97	0.395	25.69	0.371
10	64QAM	1	0	25.95	0.394	25.82	0.382	25.90	0.389
10	64QAM	1	25	26.07	0.405	26.00	0.398	25.74	0.375
10	64QAM	1	49	25.95	0.394	25.82	0.382	25.91	0.390
10	64QAM	25	0	24.90	0.309	24.93	0.311	25.01	0.317
10	64QAM	25	12	25.08	0.322	24.93	0.311	25.05	0.320
10	64QAM	25	25	24.88	0.308	24.84	0.305	25.05	0.320
10	64QAM	50	0	24.84	0.305	24.93	0.311	24.86	0.306



LTE Band 41 (Power Class 2)				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39675		40620		41565	
Frequency (MHz)				2498.5		2593		2687.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	27.71	0.590	27.95	0.624	27.89	0.615
5	QPSK	1	12	27.72	0.592	27.93	0.621	27.64	0.581
5	QPSK	1	24	27.70	0.589	27.84	0.608	27.81	0.604
5	QPSK	12	0	27.05	0.507	26.93	0.493	27.00	0.501
5	QPSK	12	7	27.04	0.506	27.08	0.511	26.85	0.484
5	QPSK	12	13	27.04	0.506	26.99	0.500	26.94	0.494
5	QPSK	25	0	26.75	0.473	26.98	0.499	26.81	0.480
5	16QAM	1	0	26.84	0.483	27.04	0.506	26.82	0.481
5	16QAM	1	12	26.86	0.485	26.86	0.485	26.89	0.489
5	16QAM	1	24	26.86	0.485	26.63	0.460	26.88	0.488
5	16QAM	12	0	25.75	0.376	26.07	0.405	26.07	0.405
5	16QAM	12	7	25.91	0.390	25.70	0.372	25.71	0.372
5	16QAM	12	13	25.96	0.394	26.02	0.400	25.98	0.396
5	16QAM	25	0	25.88	0.387	25.95	0.394	25.90	0.389
5	64QAM	1	0	26.04	0.402	25.83	0.383	25.93	0.392
5	64QAM	1	12	25.99	0.397	25.65	0.367	25.68	0.370
5	64QAM	1	24	25.81	0.381	25.81	0.381	25.86	0.385
5	64QAM	12	0	25.11	0.324	25.02	0.318	24.93	0.311
5	64QAM	12	7	24.91	0.310	24.99	0.316	25.08	0.322
5	64QAM	12	13	24.72	0.296	24.97	0.314	24.70	0.295
5	64QAM	25	0	24.84	0.305	25.04	0.319	24.78	0.301



LTE Band 41 (Power Class 3)				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39750		40620		41490	
Frequency (MHz)				2506		2593		2680	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	24.91	0.310	25.01	0.317	24.84	0.305
20	QPSK	1	49	24.76	0.299	24.96	0.313	24.84	0.305
20	QPSK	1	99	24.70	0.295	24.89	0.308	24.75	0.299
20	QPSK	50	0	23.94	0.248	24.02	0.252	23.84	0.242
20	QPSK	50	24	23.82	0.241	23.81	0.240	23.86	0.243
20	QPSK	50	50	23.89	0.245	23.87	0.244	23.81	0.240
20	QPSK	100	0	23.94	0.248	23.98	0.250	23.82	0.241
20	16QAM	1	0	23.76	0.238	23.99	0.251	23.75	0.237
20	16QAM	1	49	23.66	0.232	23.78	0.239	23.79	0.239
20	16QAM	1	99	23.85	0.243	23.74	0.237	23.65	0.232
20	16QAM	50	0	22.76	0.189	22.80	0.191	22.89	0.195
20	16QAM	50	24	22.78	0.190	22.94	0.197	22.82	0.191
20	16QAM	50	50	22.83	0.192	22.86	0.193	22.82	0.191
20	16QAM	100	0	22.84	0.192	22.89	0.195	22.76	0.189
20	64QAM	1	0	22.79	0.190	22.94	0.197	22.74	0.188
20	64QAM	1	49	22.80	0.191	22.79	0.190	22.84	0.192
20	64QAM	1	99	22.89	0.195	22.82	0.191	22.86	0.193
20	64QAM	50	0	21.92	0.156	22.02	0.159	21.91	0.155
20	64QAM	50	24	21.85	0.153	21.90	0.155	21.94	0.156
20	64QAM	50	50	21.95	0.157	21.88	0.154	21.81	0.152
20	64QAM	100	0	21.92	0.156	21.84	0.153	21.89	0.155



LTE Band 41 (Power Class 3)				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39725		40620		41515	
Frequency (MHz)				2503.5		2593		2682.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	24.87	0.307	24.97	0.314	24.80	0.302
15	QPSK	1	37	24.95	0.313	24.65	0.292	24.70	0.295
15	QPSK	1	74	24.86	0.306	24.93	0.311	24.96	0.313
15	QPSK	36	0	24.00	0.251	24.07	0.255	23.96	0.249
15	QPSK	36	20	23.95	0.248	23.95	0.248	23.78	0.239
15	QPSK	36	39	23.74	0.237	24.03	0.253	23.95	0.248
15	QPSK	75	0	23.79	0.239	23.97	0.249	23.97	0.249
15	16QAM	1	0	23.96	0.249	23.98	0.250	23.98	0.250
15	16QAM	1	37	23.94	0.248	23.79	0.239	23.83	0.242
15	16QAM	1	74	23.75	0.237	23.65	0.232	23.64	0.231
15	16QAM	36	0	22.95	0.197	22.83	0.192	22.79	0.190
15	16QAM	36	20	22.82	0.191	22.86	0.193	22.76	0.189
15	16QAM	36	39	22.92	0.196	22.78	0.190	22.92	0.196
15	16QAM	75	0	22.94	0.197	22.87	0.194	22.96	0.198
15	64QAM	1	0	22.76	0.189	22.96	0.198	22.87	0.194
15	64QAM	1	37	22.95	0.197	22.82	0.191	22.70	0.186
15	64QAM	1	74	23.01	0.200	23.01	0.200	22.74	0.188
15	64QAM	36	0	22.02	0.159	22.01	0.159	21.89	0.155
15	64QAM	36	20	22.00	0.158	22.00	0.158	21.96	0.157
15	64QAM	36	39	21.79	0.151	21.74	0.149	21.73	0.149
15	64QAM	75	0	21.79	0.151	21.96	0.157	21.91	0.155



LTE Band 41 (Power Class 3)				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39700		40620		41540	
Frequency (MHz)				2501		2593		2685	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	24.79	0.301	24.98	0.315	24.91	0.310
10	QPSK	1	25	24.63	0.290	24.97	0.314	24.86	0.306
10	QPSK	1	49	24.70	0.295	24.90	0.309	24.78	0.301
10	QPSK	25	0	23.81	0.240	23.99	0.251	23.94	0.248
10	QPSK	25	12	23.94	0.248	23.83	0.242	23.83	0.242
10	QPSK	25	25	23.97	0.249	23.87	0.244	23.90	0.245
10	QPSK	50	0	23.95	0.248	23.95	0.248	23.79	0.239
10	16QAM	1	0	24.04	0.254	23.92	0.247	23.82	0.241
10	16QAM	1	25	23.82	0.241	24.00	0.251	23.91	0.246
10	16QAM	1	49	23.92	0.247	23.63	0.231	23.75	0.237
10	16QAM	25	0	22.79	0.190	22.87	0.194	22.86	0.193
10	16QAM	25	12	23.01	0.200	22.74	0.188	22.94	0.197
10	16QAM	25	25	22.89	0.195	22.87	0.194	23.04	0.201
10	16QAM	50	0	22.78	0.190	22.81	0.191	22.94	0.197
10	64QAM	1	0	22.88	0.194	22.97	0.198	22.74	0.188
10	64QAM	1	25	22.77	0.189	22.97	0.198	22.96	0.198
10	64QAM	1	49	22.97	0.198	22.81	0.191	23.03	0.201
10	64QAM	25	0	21.93	0.156	21.94	0.156	21.89	0.155
10	64QAM	25	12	21.97	0.157	21.91	0.155	22.04	0.160
10	64QAM	25	25	21.77	0.150	21.90	0.155	21.75	0.150
10	64QAM	50	0	21.84	0.153	21.83	0.152	21.84	0.153





LTE Band 41 (Power Class 3)				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39675		40620		41565	
Frequency (MHz)				2498.5		2593		2687.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	24.75	0.299	24.97	0.314	24.91	0.310
5	QPSK	1	12	24.63	0.290	24.86	0.306	24.75	0.299
5	QPSK	1	24	24.94	0.312	24.74	0.298	24.91	0.310
5	QPSK	12	0	23.76	0.238	23.98	0.250	23.91	0.246
5	QPSK	12	7	23.70	0.234	23.75	0.237	23.96	0.249
5	QPSK	12	13	24.01	0.252	24.01	0.252	23.76	0.238
5	QPSK	25	0	23.85	0.243	24.03	0.253	23.95	0.248
5	16QAM	1	0	23.82	0.241	23.82	0.241	23.95	0.248
5	16QAM	1	12	23.89	0.245	24.00	0.251	23.81	0.240
5	16QAM	1	24	23.77	0.238	23.75	0.237	23.88	0.244
5	16QAM	12	0	22.96	0.198	22.81	0.191	22.95	0.197
5	16QAM	12	7	22.97	0.198	22.82	0.191	22.99	0.199
5	16QAM	12	13	22.84	0.192	22.94	0.197	22.80	0.191
5	16QAM	25	0	22.94	0.197	22.74	0.188	22.81	0.191
5	64QAM	1	0	22.84	0.192	23.03	0.201	23.02	0.200
5	64QAM	1	12	22.86	0.193	22.95	0.197	22.72	0.187
5	64QAM	1	24	22.83	0.192	22.99	0.199	22.93	0.196
5	64QAM	12	0	21.89	0.155	21.99	0.158	21.98	0.158
5	64QAM	12	7	21.97	0.157	21.94	0.156	22.01	0.159
5	64QAM	12	13	21.79	0.151	21.79	0.151	21.84	0.153
5	64QAM	25	0	21.86	0.153	21.96	0.157	21.90	0.155



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	24.78	0.301	24.83	0.304	24.74	0.298
20	QPSK	1	49	24.66	0.292	24.79	0.301	24.55	0.285
20	QPSK	1	99	24.57	0.286	24.77	0.300	24.62	0.290
20	QPSK	50	0	23.75	0.237	23.82	0.241	23.81	0.240
20	QPSK	50	24	23.63	0.231	23.69	0.234	23.61	0.230
20	QPSK	50	50	23.64	0.231	23.66	0.232	23.73	0.236
20	QPSK	100	0	23.70	0.234	23.66	0.232	23.64	0.231
20	16QAM	1	0	23.61	0.230	23.70	0.234	23.72	0.236
20	16QAM	1	49	23.70	0.234	23.61	0.230	23.77	0.238
20	16QAM	1	99	23.76	0.238	23.64	0.231	23.68	0.233
20	16QAM	50	0	22.64	0.184	22.80	0.191	22.80	0.191
20	16QAM	50	24	22.81	0.191	22.84	0.192	22.76	0.189
20	16QAM	50	50	22.75	0.188	22.67	0.185	22.83	0.192
20	16QAM	100	0	22.86	0.193	22.77	0.189	22.82	0.191
20	64QAM	1	0	22.60	0.182	22.75	0.188	22.63	0.183
20	64QAM	1	49	22.66	0.185	22.82	0.191	22.58	0.181
20	64QAM	1	99	22.78	0.190	22.61	0.182	22.76	0.189
20	64QAM	50	0	21.83	0.152	21.81	0.152	21.74	0.149
20	64QAM	50	24	21.81	0.152	21.70	0.148	21.72	0.149
20	64QAM	50	50	21.69	0.148	21.67	0.147	21.70	0.148
20	64QAM	100	0	21.65	0.146	21.73	0.149	21.69	0.148



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	24.74	0.298	24.80	0.302	24.71	0.296
15	QPSK	1	37	24.49	0.281	24.63	0.290	24.57	0.286
15	QPSK	1	74	24.53	0.284	24.72	0.296	24.66	0.292
15	QPSK	36	0	23.71	0.235	23.86	0.243	23.81	0.240
15	QPSK	36	20	23.73	0.236	23.77	0.238	23.66	0.232
15	QPSK	36	39	23.79	0.239	23.66	0.232	23.79	0.239
15	QPSK	75	0	23.68	0.233	23.70	0.234	23.77	0.238
15	16QAM	1	0	23.75	0.237	23.75	0.237	23.75	0.237
15	16QAM	1	37	23.72	0.236	23.67	0.233	23.77	0.238
15	16QAM	1	74	23.73	0.236	23.59	0.229	23.58	0.228
15	16QAM	36	0	22.78	0.190	22.84	0.192	22.80	0.191
15	16QAM	36	20	22.63	0.183	22.62	0.183	22.64	0.184
15	16QAM	36	39	22.77	0.189	22.69	0.186	22.62	0.183
15	16QAM	75	0	22.84	0.192	22.65	0.184	22.82	0.191
15	64QAM	1	0	22.57	0.181	22.82	0.191	22.69	0.186
15	64QAM	1	37	22.75	0.188	22.65	0.184	22.65	0.184
15	64QAM	1	74	22.67	0.185	22.62	0.183	22.68	0.185
15	64QAM	36	0	21.86	0.153	21.81	0.152	21.76	0.150
15	64QAM	36	20	21.87	0.154	21.68	0.147	21.75	0.150
15	64QAM	36	39	21.68	0.147	21.73	0.149	21.64	0.146
15	64QAM	75	0	21.82	0.152	21.81	0.152	21.90	0.155



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	24.74	0.298	24.80	0.302	24.61	0.289
10	QPSK	1	25	24.62	0.290	24.74	0.298	24.65	0.292
10	QPSK	1	49	24.66	0.292	24.62	0.290	24.67	0.293
10	QPSK	25	0	23.69	0.234	23.84	0.242	23.77	0.238
10	QPSK	25	12	23.67	0.233	23.69	0.234	23.82	0.241
10	QPSK	25	25	23.77	0.238	23.66	0.232	23.83	0.242
10	QPSK	50	0	23.82	0.241	23.80	0.240	23.62	0.230
10	16QAM	1	0	23.64	0.231	23.70	0.234	23.55	0.226
10	16QAM	1	25	23.55	0.226	23.76	0.238	23.91	0.246
10	16QAM	1	49	23.70	0.234	23.58	0.228	23.69	0.234
10	16QAM	25	0	22.60	0.182	22.73	0.187	22.65	0.184
10	16QAM	25	12	22.86	0.193	22.62	0.183	22.55	0.180
10	16QAM	25	25	22.74	0.188	22.78	0.190	22.87	0.194
10	16QAM	50	0	22.60	0.182	22.83	0.192	22.62	0.183
10	64QAM	1	0	22.70	0.186	22.83	0.192	22.62	0.183
10	64QAM	1	25	22.79	0.190	22.73	0.187	22.86	0.193
10	64QAM	1	49	22.72	0.187	22.54	0.179	22.72	0.187
10	64QAM	25	0	21.73	0.149	21.84	0.153	21.86	0.153
10	64QAM	25	12	21.71	0.148	21.72	0.149	21.85	0.153
10	64QAM	25	25	21.65	0.146	21.82	0.152	21.80	0.151
10	64QAM	50	0	21.86	0.153	21.68	0.147	21.77	0.150



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	24.79	0.301	24.78	0.301	24.64	0.291
5	QPSK	1	12	24.56	0.286	24.64	0.291	24.59	0.288
5	QPSK	1	24	24.64	0.291	24.74	0.298	24.66	0.292
5	QPSK	12	0	23.78	0.239	23.71	0.235	23.71	0.235
5	QPSK	12	7	23.72	0.236	23.75	0.237	23.65	0.232
5	QPSK	12	13	23.67	0.233	23.73	0.236	23.71	0.235
5	QPSK	25	0	23.71	0.235	23.68	0.233	23.75	0.237
5	16QAM	1	0	23.61	0.230	23.73	0.236	23.56	0.227
5	16QAM	1	12	23.54	0.226	23.82	0.241	23.68	0.233
5	16QAM	1	24	23.79	0.239	23.57	0.228	23.79	0.239
5	16QAM	12	0	22.64	0.184	22.74	0.188	22.70	0.186
5	16QAM	12	7	22.75	0.188	22.81	0.191	22.72	0.187
5	16QAM	12	13	22.72	0.187	22.70	0.186	22.85	0.193
5	16QAM	25	0	22.59	0.182	22.66	0.185	22.70	0.186
5	64QAM	1	0	22.79	0.190	22.75	0.188	22.68	0.185
5	64QAM	1	12	22.68	0.185	22.83	0.192	22.80	0.191
5	64QAM	1	24	22.59	0.182	22.63	0.183	22.63	0.183
5	64QAM	12	0	21.83	0.152	21.81	0.152	21.90	0.155
5	64QAM	12	7	21.75	0.150	21.74	0.149	21.75	0.150
5	64QAM	12	13	21.63	0.146	21.62	0.145	21.67	0.147
5	64QAM	25	0	21.82	0.152	21.70	0.148	21.89	0.155



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	24.75	0.299	24.81	0.303	24.76	0.299
3	QPSK	1	8	24.80	0.302	24.57	0.286	24.75	0.299
3	QPSK	1	14	24.67	0.293	24.69	0.294	24.70	0.295
3	QPSK	8	0	23.81	0.240	23.70	0.234	23.78	0.239
3	QPSK	8	4	23.68	0.233	23.71	0.235	23.66	0.232
3	QPSK	8	7	23.81	0.240	23.67	0.233	23.65	0.232
3	QPSK	15	0	23.86	0.243	23.94	0.248	23.91	0.246
3	16QAM	1	0	23.81	0.240	23.81	0.240	23.63	0.231
3	16QAM	1	8	23.82	0.241	23.75	0.237	23.85	0.243
3	16QAM	1	14	23.82	0.241	23.82	0.241	23.58	0.228
3	16QAM	8	0	22.84	0.192	22.86	0.193	22.68	0.185
3	16QAM	8	4	22.89	0.195	22.89	0.195	22.68	0.185
3	16QAM	8	7	22.63	0.183	22.74	0.188	22.65	0.184
3	16QAM	15	0	22.67	0.185	22.75	0.188	22.58	0.181
3	64QAM	1	0	22.60	0.182	22.79	0.190	22.70	0.186
3	64QAM	1	8	22.74	0.188	22.73	0.187	22.55	0.180
3	64QAM	1	14	22.72	0.187	22.64	0.184	22.67	0.185
3	64QAM	8	0	21.84	0.153	21.80	0.151	21.72	0.149
3	64QAM	8	4	21.69	0.148	21.69	0.148	21.81	0.152
3	64QAM	8	7	21.77	0.150	21.82	0.152	21.75	0.150
3	64QAM	15	0	21.72	0.149	21.96	0.157	21.79	0.151



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	24.59	0.288	24.79	0.301	24.78	0.301
1.4	QPSK	1	3	24.57	0.286	24.68	0.294	24.60	0.288
1.4	QPSK	1	5	24.71	0.296	24.66	0.292	24.55	0.285
1.4	QPSK	3	0	23.78	0.239	23.83	0.242	23.87	0.244
1.4	QPSK	3	1	23.63	0.231	23.83	0.242	23.88	0.244
1.4	QPSK	3	3	23.60	0.229	23.77	0.238	23.87	0.244
1.4	QPSK	6	0	23.82	0.241	23.77	0.238	23.61	0.230
1.4	16QAM	1	0	23.80	0.240	24.02	0.252	23.59	0.229
1.4	16QAM	1	3	23.54	0.226	23.93	0.247	23.79	0.239
1.4	16QAM	1	5	23.62	0.230	23.88	0.244	23.57	0.228
1.4	16QAM	3	0	22.69	0.186	23.04	0.201	22.75	0.188
1.4	16QAM	3	1	22.88	0.194	22.82	0.191	22.72	0.187
1.4	16QAM	3	3	22.96	0.198	22.92	0.196	22.64	0.184
1.4	16QAM	6	0	22.62	0.183	22.73	0.187	22.59	0.182
1.4	64QAM	1	0	22.72	0.187	22.93	0.196	22.80	0.191
1.4	64QAM	1	3	22.82	0.191	22.82	0.191	22.81	0.191
1.4	64QAM	1	5	22.69	0.186	22.74	0.188	22.79	0.190
1.4	64QAM	3	0	21.89	0.155	21.98	0.158	21.86	0.153
1.4	64QAM	3	1	21.74	0.149	21.87	0.154	21.83	0.152
1.4	64QAM	3	3	21.70	0.148	21.64	0.146	21.88	0.154
1.4	64QAM	6	0	21.99	0.158	21.85	0.153	21.96	0.157



LTE Band 71				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				133222		133322		133372	
Frequency (MHz)				673		683		688	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	19.50	0.089	19.54	0.090	19.48	0.089
20	QPSK	1	49	19.42	0.087	19.49	0.089	19.40	0.087
20	QPSK	1	99	19.47	0.089	19.39	0.087	19.44	0.088
20	QPSK	50	0	18.47	0.070	18.61	0.073	18.60	0.072
20	QPSK	50	24	18.59	0.072	18.51	0.071	18.57	0.072
20	QPSK	50	50	18.58	0.072	18.44	0.070	18.45	0.070
20	QPSK	100	0	18.38	0.069	18.53	0.071	18.48	0.070
20	16QAM	1	0	18.64	0.073	18.65	0.073	18.50	0.071
20	16QAM	1	49	18.56	0.072	18.48	0.070	18.62	0.073
20	16QAM	1	99	18.50	0.071	18.53	0.071	18.51	0.071
20	16QAM	50	0	17.64	0.058	17.58	0.057	17.69	0.059
20	16QAM	50	24	17.48	0.056	17.45	0.056	17.64	0.058
20	16QAM	50	50	17.59	0.057	17.46	0.056	17.51	0.056
20	16QAM	100	0	17.48	0.056	17.51	0.056	17.58	0.057
20	64QAM	1	0	17.51	0.056	17.50	0.056	17.45	0.056
20	64QAM	1	49	17.54	0.057	17.67	0.058	17.55	0.057
20	64QAM	1	99	17.53	0.057	17.67	0.058	17.46	0.056
20	64QAM	50	0	16.57	0.045	16.50	0.045	16.50	0.045
20	64QAM	50	24	16.50	0.045	16.58	0.045	16.56	0.045
20	64QAM	50	50	16.39	0.044	16.42	0.044	16.50	0.045
20	64QAM	100	0	16.55	0.045	16.49	0.045	16.54	0.045





LTE Band 71				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				133197		133297		133397	
Frequency (MHz)				670.5		680.5		690.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	20.33	0.108	20.44	0.111	20.31	0.107
15	QPSK	1	37	20.38	0.109	20.34	0.108	20.37	0.109
15	QPSK	1	74	20.35	0.108	20.31	0.107	20.31	0.107
15	QPSK	36	0	19.37	0.086	19.50	0.089	19.48	0.089
15	QPSK	36	20	19.46	0.088	19.43	0.088	19.45	0.088
15	QPSK	36	39	19.34	0.086	19.33	0.086	19.36	0.086
15	QPSK	75	0	19.42	0.087	19.35	0.086	19.47	0.089
15	16QAM	1	0	19.39	0.087	19.51	0.089	19.56	0.090
15	16QAM	1	37	19.32	0.086	19.56	0.090	19.47	0.089
15	16QAM	1	74	19.35	0.086	19.42	0.087	19.56	0.090
15	16QAM	36	0	18.43	0.070	18.46	0.070	18.56	0.072
15	16QAM	36	20	18.49	0.071	18.43	0.070	18.49	0.071
15	16QAM	36	39	18.47	0.070	18.45	0.070	18.35	0.068
15	16QAM	75	0	18.29	0.067	18.46	0.070	18.38	0.069
15	64QAM	1	0	18.36	0.069	18.50	0.071	18.39	0.069
15	64QAM	1	37	18.34	0.068	18.59	0.072	18.50	0.071
15	64QAM	1	74	18.53	0.071	18.38	0.069	18.45	0.070
15	64QAM	36	0	17.48	0.056	17.51	0.056	17.37	0.055
15	64QAM	36	20	17.36	0.054	17.43	0.055	17.56	0.057
15	64QAM	36	39	17.56	0.057	17.57	0.057	17.42	0.055
15	64QAM	75	0	17.60	0.058	17.47	0.056	17.44	0.055



LTE Band 71				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				133172		133297		133422	
Frequency (MHz)				668		680.5		693	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	20.38	0.109	20.42	0.110	20.28	0.107
10	QPSK	1	25	20.40	0.110	20.31	0.107	20.33	0.108
10	QPSK	1	49	20.35	0.108	20.37	0.109	20.35	0.108
10	QPSK	25	0	19.36	0.086	19.57	0.091	19.58	0.091
10	QPSK	25	12	19.35	0.086	19.43	0.088	19.39	0.087
10	QPSK	25	25	19.49	0.089	19.54	0.090	19.40	0.087
10	QPSK	50	0	19.33	0.086	19.42	0.087	19.48	0.089
10	16QAM	1	0	19.57	0.091	19.47	0.089	19.58	0.091
10	16QAM	1	25	19.39	0.087	19.37	0.086	19.46	0.088
10	16QAM	1	49	19.41	0.087	19.49	0.089	19.44	0.088
10	16QAM	25	0	18.50	0.071	18.43	0.070	18.58	0.072
10	16QAM	25	12	18.46	0.070	18.42	0.070	18.31	0.068
10	16QAM	25	25	18.48	0.070	18.51	0.071	18.50	0.071
10	16QAM	50	0	18.31	0.068	18.54	0.071	18.35	0.068
10	64QAM	1	0	18.34	0.068	18.46	0.070	18.35	0.068
10	64QAM	1	25	18.56	0.072	18.50	0.071	18.41	0.069
10	64QAM	1	49	18.46	0.070	18.32	0.068	18.48	0.070
10	64QAM	25	0	17.30	0.054	17.54	0.057	17.58	0.057
10	64QAM	25	12	17.51	0.056	17.60	0.058	17.49	0.056
10	64QAM	25	25	17.53	0.057	17.47	0.056	17.60	0.058
10	64QAM	50	0	17.59	0.057	17.57	0.057	17.53	0.057



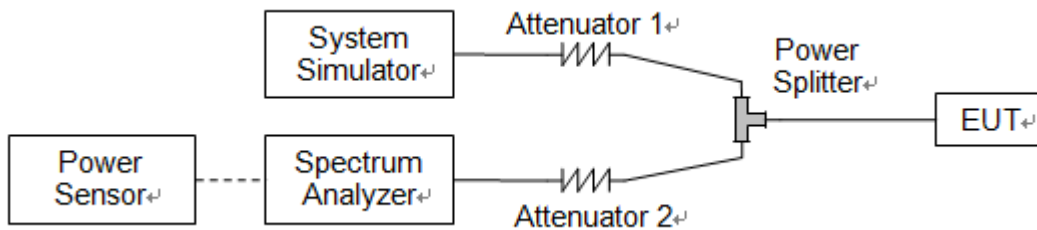
LTE Band 71				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				133147		133297		133447	
Frequency (MHz)				665.5		680.5		695.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	20.40	0.110	20.41	0.110	20.33	0.108
5	QPSK	1	12	20.19	0.104	20.25	0.106	20.25	0.106
5	QPSK	1	24	20.33	0.108	20.35	0.108	20.31	0.107
5	QPSK	12	0	19.68	0.093	19.57	0.091	19.43	0.088
5	QPSK	12	7	19.44	0.088	19.54	0.090	19.59	0.091
5	QPSK	12	13	19.45	0.088	19.34	0.086	19.37	0.086
5	QPSK	25	0	19.49	0.089	19.45	0.088	19.54	0.090
5	16QAM	1	0	19.51	0.089	19.49	0.089	19.54	0.090
5	16QAM	1	12	19.42	0.087	19.40	0.087	19.61	0.091
5	16QAM	1	24	19.32	0.086	19.53	0.090	19.44	0.088
5	16QAM	12	0	18.37	0.069	18.50	0.071	18.40	0.069
5	16QAM	12	7	18.32	0.068	18.54	0.071	18.37	0.069
5	16QAM	12	13	18.54	0.071	18.51	0.071	18.47	0.070
5	16QAM	25	0	18.55	0.072	18.44	0.070	18.32	0.068
5	64QAM	1	0	18.46	0.070	18.45	0.070	18.62	0.073
5	64QAM	1	12	18.49	0.071	18.45	0.070	18.40	0.069
5	64QAM	1	24	18.38	0.069	18.28	0.067	18.48	0.070
5	64QAM	12	0	17.52	0.056	17.58	0.057	17.60	0.058
5	64QAM	12	7	17.51	0.056	17.47	0.056	17.46	0.056
5	64QAM	12	13	17.41	0.055	17.45	0.056	17.42	0.055
5	64QAM	25	0	17.38	0.055	17.53	0.057	17.52	0.056

## 2.2. Occupied Bandwidth

### 2.2.1. Requirement

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

### 2.2.2. Test Description



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

### 2.2.3. Test Procedure

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

### 2.2.4. Test Result



LTE Band 2				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.10	1.30
	Low	16QAM	1.10	1.32
	Low	64QAM	1.10	1.29
	Mid	QPSK	1.10	1.30
	Mid	16QAM	1.10	1.33
	Mid	64QAM	1.10	1.27
	High	QPSK	1.10	1.29
	High	16QAM	1.10	1.31
	High	64QAM	1.10	1.29
3	Low	QPSK	2.70	3.00
	Low	16QAM	2.70	3.00
	Low	64QAM	2.70	2.98
	Mid	QPSK	2.70	2.98
	Mid	16QAM	2.70	2.99
	Mid	64QAM	2.70	2.98
	High	QPSK	2.70	2.99
	High	16QAM	2.70	2.99
	High	64QAM	2.70	2.99
5	Low	QPSK	4.50	5.00
	Low	16QAM	4.49	5.00
	Low	64QAM	4.51	5.03
	Mid	QPSK	4.50	5.02
	Mid	16QAM	4.51	4.95
	Mid	64QAM	4.52	4.98
	High	QPSK	4.50	5.01
	High	16QAM	4.50	4.96
	High	64QAM	4.50	4.97
10	Low	QPSK	8.98	9.82
	Low	16QAM	8.95	9.81
	Low	64QAM	8.97	9.87
	Mid	QPSK	9.00	9.87
	Mid	16QAM	8.97	9.87
	Mid	64QAM	8.98	9.89
	High	QPSK	8.99	9.86
	High	16QAM	8.96	9.82
	High	64QAM	8.97	9.88



15	Low	QPSK	13.43	14.68
	Low	16QAM	13.42	14.63
	Low	64QAM	13.42	14.59
	Mid	QPSK	13.48	14.67
	Mid	16QAM	13.46	14.75
	Mid	64QAM	13.45	14.64
	High	QPSK	13.47	14.72
	High	16QAM	13.49	14.83
	High	64QAM	13.47	14.73
20	Low	QPSK	17.89	19.34
	Low	16QAM	17.93	19.40
	Low	64QAM	17.91	19.37
	Mid	QPSK	17.93	19.42
	Mid	16QAM	17.94	19.38
	Mid	64QAM	17.98	19.57
	High	QPSK	18.02	19.56
	High	16QAM	18.03	19.52
	High	64QAM	18.04	19.44



LTE Band 4				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.10	1.29
	Low	16QAM	1.10	1.30
	Low	64QAM	1.10	1.29
	Mid	QPSK	1.10	1.28
	Mid	16QAM	1.10	1.29
	Mid	64QAM	1.10	1.29
	High	QPSK	1.10	1.29
	High	16QAM	1.10	1.30
	High	64QAM	1.10	1.29
3	Low	QPSK	2.70	2.98
	Low	16QAM	2.70	2.98
	Low	64QAM	2.70	2.98
	Mid	QPSK	2.70	2.97
	Mid	16QAM	2.70	2.99
	Mid	64QAM	2.70	2.98
	High	QPSK	2.70	2.98
	High	16QAM	2.70	3.00
	High	64QAM	2.70	2.97
5	Low	QPSK	4.50	5.02
	Low	16QAM	4.50	4.99
	Low	64QAM	4.51	4.99
	Mid	QPSK	4.50	5.06
	Mid	16QAM	4.52	4.99
	Mid	64QAM	4.50	5.00
	High	QPSK	4.51	5.01
	High	16QAM	4.50	5.01
	High	64QAM	4.50	5.01
10	Low	QPSK	9.00	9.83
	Low	16QAM	8.98	9.85
	Low	64QAM	8.98	9.87
	Mid	QPSK	9.00	9.86
	Mid	16QAM	8.97	9.77
	Mid	64QAM	8.97	9.88
	High	QPSK	8.98	9.88
	High	16QAM	8.96	9.85
	High	64QAM	8.98	9.87



15	Low	QPSK	13.45	14.67
	Low	16QAM	13.47	14.69
	Low	64QAM	13.46	14.77
	Mid	QPSK	13.49	14.73
	Mid	16QAM	13.47	14.77
	Mid	64QAM	13.45	14.65
	High	QPSK	13.46	14.72
	High	16QAM	13.47	14.67
	High	64QAM	13.43	14.63
20	Low	QPSK	17.92	19.52
	Low	16QAM	17.94	19.42
	Low	64QAM	17.91	19.51
	Mid	QPSK	17.97	19.44
	Mid	16QAM	18.01	19.47
	Mid	64QAM	18.01	19.55
	High	QPSK	17.97	19.55
	High	16QAM	17.95	19.57
	High	64QAM	17.97	19.45





LTE Band 5				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.10	1.28
	Low	16QAM	1.10	1.30
	Low	64QAM	1.10	1.30
	Mid	QPSK	1.09	1.28
	Mid	16QAM	1.10	1.28
	Mid	64QAM	1.10	1.29
	High	QPSK	1.10	1.28
	High	16QAM	1.11	1.29
	High	64QAM	1.10	1.30
3	Low	QPSK	2.70	2.97
	Low	16QAM	2.70	2.97
	Low	64QAM	2.70	2.98
	Mid	QPSK	2.70	2.99
	Mid	16QAM	2.70	2.99
	Mid	64QAM	2.71	2.98
	High	QPSK	2.70	2.98
	High	16QAM	2.70	3.01
	High	64QAM	2.70	2.98
5	Low	QPSK	4.51	5.01
	Low	16QAM	4.51	5.01
	Low	64QAM	4.50	4.96
	Mid	QPSK	4.50	5.01
	Mid	16QAM	4.50	5.02
	Mid	64QAM	4.52	5.00
	High	QPSK	4.50	5.00
	High	16QAM	4.51	5.02
	High	64QAM	4.50	5.02
10	Low	QPSK	9.02	9.93
	Low	16QAM	8.99	9.81
	Low	64QAM	9.00	9.90
	Mid	QPSK	8.99	9.85
	Mid	16QAM	8.95	9.76
	Mid	64QAM	8.98	9.85
	High	QPSK	9.00	9.87
	High	16QAM	8.96	9.85
	High	64QAM	9.00	9.91



LTE Band 7				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.51	4.99
	Low	16QAM	4.51	5.01
	Low	64QAM	4.51	4.99
	Mid	QPSK	4.50	4.99
	Mid	16QAM	4.50	4.99
	Mid	64QAM	4.51	4.98
	High	QPSK	4.50	5.03
	High	16QAM	4.51	5.02
	High	64QAM	4.52	4.97
10	Low	QPSK	8.98	9.89
	Low	16QAM	8.97	9.82
	Low	64QAM	8.98	9.86
	Mid	QPSK	9.01	9.90
	Mid	16QAM	8.96	9.84
	Mid	64QAM	9.00	9.89
	High	QPSK	9.00	9.88
	High	16QAM	8.96	9.83
	High	64QAM	8.98	9.83
15	Low	QPSK	13.46	14.69
	Low	16QAM	13.47	14.67
	Low	64QAM	13.44	14.74
	Mid	QPSK	13.49	14.68
	Mid	16QAM	13.45	14.82
	Mid	64QAM	13.45	14.73
	High	QPSK	13.47	14.71
	High	16QAM	13.48	14.83
	High	64QAM	13.47	14.74
20	Low	QPSK	17.92	19.55
	Low	16QAM	17.98	19.54
	Low	64QAM	17.95	19.50
	Mid	QPSK	17.95	19.51
	Mid	16QAM	17.98	19.55
	Mid	64QAM	17.98	19.56
	High	QPSK	17.95	19.43
	High	16QAM	17.97	19.51
	High	64QAM	17.97	19.58



LTE Band 12				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.10	1.28
	Low	16QAM	1.10	1.30
	Low	64QAM	1.10	1.27
	Mid	QPSK	1.09	1.30
	Mid	16QAM	1.10	1.30
	Mid	64QAM	1.10	1.28
	High	QPSK	1.10	1.29
	High	16QAM	1.10	1.30
	High	64QAM	1.10	1.30
3	Low	QPSK	2.71	2.96
	Low	16QAM	2.70	3.03
	Low	64QAM	2.71	2.99
	Mid	QPSK	2.70	2.98
	Mid	16QAM	2.70	2.99
	Mid	64QAM	2.70	2.96
	High	QPSK	2.71	2.99
	High	16QAM	2.70	3.00
	High	64QAM	2.70	2.98
5	Low	QPSK	4.50	5.02
	Low	16QAM	4.51	4.98
	Low	64QAM	4.52	5.00
	Mid	QPSK	4.51	5.00
	Mid	16QAM	4.51	5.02
	Mid	64QAM	4.51	5.00
	High	QPSK	4.51	5.02
	High	16QAM	4.51	5.02
	High	64QAM	4.50	4.99
10	Low	QPSK	8.96	9.79
	Low	16QAM	8.96	9.76
	Low	64QAM	8.96	9.85
	Mid	QPSK	8.95	9.82
	Mid	16QAM	8.96	9.79
	Mid	64QAM	8.98	9.84
	High	QPSK	9.00	9.89
	High	16QAM	8.98	9.85
	High	64QAM	9.02	9.89



LTE Band 13				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.49	5.01
	Low	16QAM	4.49	4.98
	Low	64QAM	4.50	5.01
	Mid	QPSK	4.51	5.06
	Mid	16QAM	4.51	5.00
	Mid	64QAM	4.52	5.03
	High	QPSK	4.51	5.06
	High	16QAM	4.50	5.00
	High	64QAM	4.51	5.01
10	Mid	QPSK	8.99	9.86
	Mid	16QAM	8.96	9.81
	Mid	64QAM	8.97	9.86

LTE Band 17				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.51	5.00
	Low	16QAM	4.51	5.04
	Low	64QAM	4.50	5.00
	Mid	QPSK	4.52	5.06
	Mid	16QAM	4.51	4.99
	Mid	64QAM	4.52	4.99
	High	QPSK	4.50	5.01
	High	16QAM	4.51	5.12
	High	64QAM	4.51	5.01
10	Low	QPSK	9.03	9.90
	Low	16QAM	8.97	9.89
	Low	64QAM	8.98	9.89
	Mid	QPSK	8.99	9.92
	Mid	16QAM	8.98	9.88
	Mid	64QAM	8.99	9.90
	High	QPSK	9.01	9.93
	High	16QAM	8.98	9.84
	High	64QAM	9.01	9.89



LTE Band 18				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.51	5.02
	Low	16QAM	4.50	4.99
	Low	64QAM	4.50	4.98
	Mid	QPSK	4.51	5.02
	Mid	16QAM	4.50	5.00
	Mid	64QAM	4.51	4.99
	High	QPSK	4.50	5.02
	High	16QAM	4.50	5.01
	High	64QAM	4.51	4.99



LTE Band 19				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.52	4.98
	Low	16QAM	4.49	4.98
	Low	64QAM	4.51	5.02
	Mid	QPSK	4.49	5.05
	Mid	16QAM	4.50	5.02
	Mid	64QAM	4.50	4.97
	High	QPSK	4.51	5.00
	High	16QAM	4.50	5.01
	High	64QAM	4.50	5.00
10	Low	QPSK	9.00	9.83
	Low	16QAM	8.96	9.79
	Low	64QAM	9.00	9.94
	Mid	QPSK	8.98	9.78
	Mid	16QAM	8.96	9.79
	Mid	64QAM	8.97	9.87
	High	QPSK	9.00	9.80
	High	16QAM	8.96	9.83
	High	64QAM	8.99	9.85
15	Low	QPSK	13.43	14.68
	Low	16QAM	13.43	14.70
	Low	64QAM	13.44	14.76
	Mid	QPSK	13.46	14.69
	Mid	16QAM	13.44	14.84
	Mid	64QAM	13.42	14.66
	High	QPSK	13.43	14.70
	High	16QAM	13.43	14.67
	High	64QAM	13.44	14.75



LTE Band 25				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.10	1.27
	Low	16QAM	1.10	1.33
	Low	64QAM	1.10	1.29
	Mid	QPSK	1.10	1.30
	Mid	16QAM	1.10	1.31
	Mid	64QAM	1.10	1.29
	High	QPSK	1.10	1.33
	High	16QAM	1.11	1.44
	High	64QAM	1.10	1.31
3	Low	QPSK	2.70	2.99
	Low	16QAM	2.70	2.98
	Low	64QAM	2.71	2.98
	Mid	QPSK	2.70	2.98
	Mid	16QAM	2.70	2.99
	Mid	64QAM	2.70	2.97
	High	QPSK	2.71	2.99
	High	16QAM	2.71	3.02
	High	64QAM	2.71	2.96
5	Low	QPSK	4.51	5.01
	Low	16QAM	4.50	4.99
	Low	64QAM	4.51	5.00
	Mid	QPSK	4.50	5.02
	Mid	16QAM	4.51	5.01
	Mid	64QAM	4.51	4.99
	High	QPSK	4.51	5.00
	High	16QAM	4.50	4.98
	High	64QAM	4.51	4.99
10	Low	QPSK	8.95	9.82
	Low	16QAM	8.96	9.81
	Low	64QAM	8.96	9.81
	Mid	QPSK	8.97	9.76
	Mid	16QAM	8.96	9.84
	Mid	64QAM	8.98	9.88
	High	QPSK	8.95	9.81
	High	16QAM	8.92	9.79
	High	64QAM	8.94	9.79



15	Low	QPSK	13.42	14.62
	Low	16QAM	13.41	14.62
	Low	64QAM	13.38	14.57
	Mid	QPSK	13.47	14.61
	Mid	16QAM	13.45	14.69
	Mid	64QAM	13.44	14.70
	High	QPSK	13.42	14.57
	High	16QAM	13.37	14.63
	High	64QAM	13.37	14.53
20	Low	QPSK	17.85	19.35
	Low	16QAM	17.85	19.45
	Low	64QAM	17.90	19.43
	Mid	QPSK	17.92	19.32
	Mid	16QAM	17.93	19.43
	Mid	64QAM	17.91	19.52
	High	QPSK	17.89	19.36
	High	16QAM	17.89	19.49
	High	64QAM	17.91	19.56





LTE Band 26				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.10	1.30
	Low	16QAM	1.10	1.29
	Low	64QAM	1.10	1.29
	Mid	QPSK	1.10	1.29
	Mid	16QAM	1.10	1.29
	Mid	64QAM	1.10	1.28
	High	QPSK	1.10	1.30
	High	16QAM	1.10	1.30
	High	64QAM	1.10	1.30
3	Low	QPSK	2.70	2.98
	Low	16QAM	2.71	2.98
	Low	64QAM	2.71	2.98
	Mid	QPSK	2.70	3.00
	Mid	16QAM	2.70	2.99
	Mid	64QAM	2.70	2.98
	High	QPSK	2.70	2.98
	High	16QAM	2.70	2.98
	High	64QAM	2.70	2.97
5	Low	QPSK	4.50	5.02
	Low	16QAM	4.51	5.04
	Low	64QAM	4.52	5.01
	Mid	QPSK	4.50	5.03
	Mid	16QAM	4.51	4.99
	Mid	64QAM	4.51	5.01
	High	QPSK	4.50	5.00
	High	16QAM	4.51	5.00
	High	64QAM	4.51	5.01
10	Low	QPSK	9.02	9.89
	Low	16QAM	8.98	9.84
	Low	64QAM	9.00	9.94
	Mid	QPSK	8.98	9.82
	Mid	16QAM	8.94	9.79
	Mid	64QAM	8.98	9.84
	High	QPSK	8.99	9.92
	High	16QAM	8.96	9.87
	High	64QAM	8.98	9.92



15	Low	QPSK	13.54	14.84
	Low	16QAM	13.52	14.88
	Low	64QAM	13.49	14.71
	Mid	QPSK	13.46	14.63
	Mid	16QAM	13.46	14.66
	Mid	64QAM	13.44	14.69
	High	QPSK	13.44	14.69
	High	16QAM	13.45	14.63
	High	64QAM	13.42	14.65

LTE Band 30				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.51	5.04
	Low	16QAM	4.50	5.01
	Low	64QAM	4.52	5.00
	Mid	QPSK	4.50	5.00
	Mid	16QAM	4.50	4.96
	Mid	64QAM	4.51	5.04
	High	QPSK	4.51	4.99
	High	16QAM	4.50	4.98
	High	64QAM	4.52	5.01
10	Mid	QPSK	8.99	9.92
	Mid	16QAM	8.96	9.80
	Mid	64QAM	8.99	9.85



LTE Band 41				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.52	5.01
	Low	16QAM	4.51	5.08
	Low	64QAM	4.51	4.98
	Mid	QPSK	4.51	5.03
	Mid	16QAM	4.50	5.06
	Mid	64QAM	4.52	4.97
	High	QPSK	4.52	5.04
	High	16QAM	4.50	5.03
	High	64QAM	4.51	4.98
10	Low	QPSK	8.97	9.77
	Low	16QAM	8.98	10.08
	Low	64QAM	8.95	9.83
	Mid	QPSK	9.00	9.78
	Mid	16QAM	8.97	9.90
	Mid	64QAM	8.97	9.82
	High	QPSK	8.97	9.80
	High	16QAM	8.97	10.03
	High	64QAM	8.96	9.84
15	Low	QPSK	13.48	14.75
	Low	16QAM	13.46	14.66
	Low	64QAM	13.43	14.61
	Mid	QPSK	13.45	14.63
	Mid	16QAM	13.50	14.71
	Mid	64QAM	13.43	14.68
	High	QPSK	13.47	14.53
	High	16QAM	13.47	14.74
	High	64QAM	13.45	14.58
20	Low	QPSK	17.92	19.46
	Low	16QAM	17.97	20.55
	Low	64QAM	17.93	19.56
	Mid	QPSK	17.95	20.05
	Mid	16QAM	17.93	20.51
	Mid	64QAM	17.94	19.47
	High	QPSK	17.95	19.44
	High	16QAM	17.92	19.80
	High	64QAM	17.93	19.63



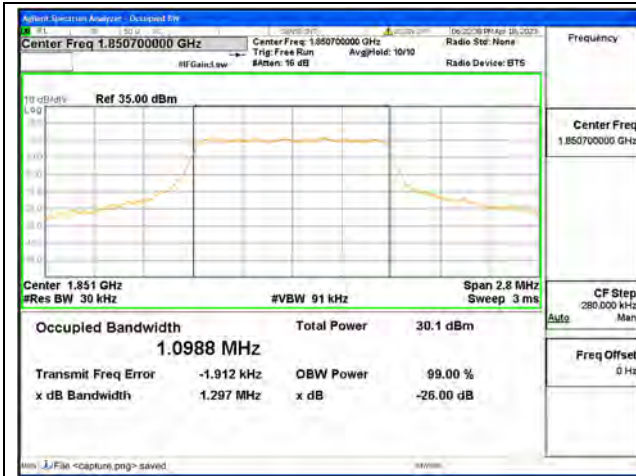
LTE Band 66				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.10	1.29
	Low	16QAM	1.10	1.30
	Low	64QAM	1.10	1.28
	Mid	QPSK	1.10	1.30
	Mid	16QAM	1.10	1.28
	Mid	64QAM	1.10	1.31
	High	QPSK	1.10	1.28
	High	16QAM	1.10	1.30
	High	64QAM	1.10	1.30
3	Low	QPSK	2.70	2.98
	Low	16QAM	2.70	3.01
	Low	64QAM	2.71	2.98
	Mid	QPSK	2.70	2.98
	Mid	16QAM	2.70	2.99
	Mid	64QAM	2.70	2.96
	High	QPSK	2.70	2.99
	High	16QAM	2.70	2.98
	High	64QAM	2.70	2.99
5	Low	QPSK	4.51	5.01
	Low	16QAM	4.51	4.99
	Low	64QAM	4.51	5.04
	Mid	QPSK	4.51	5.04
	Mid	16QAM	4.50	4.98
	Mid	64QAM	4.50	4.97
	High	QPSK	4.51	5.06
	High	16QAM	4.50	4.98
	High	64QAM	4.50	4.95
10	Low	QPSK	8.99	9.86
	Low	16QAM	8.98	9.82
	Low	64QAM	8.98	9.88
	Mid	QPSK	8.98	9.87
	Mid	16QAM	8.96	9.79
	Mid	64QAM	8.98	9.85
	High	QPSK	8.99	9.88
	High	16QAM	8.95	9.74
	High	64QAM	8.99	9.85



15	Low	QPSK	13.46	14.68
	Low	16QAM	13.46	14.66
	Low	64QAM	13.45	14.64
	Mid	QPSK	13.45	14.78
	Mid	16QAM	13.47	14.78
	Mid	64QAM	13.43	14.75
	High	QPSK	13.47	14.71
	High	16QAM	13.46	14.70
	High	64QAM	13.45	14.78
20	Low	QPSK	17.88	19.41
	Low	16QAM	17.94	19.39
	Low	64QAM	17.95	19.38
	Mid	QPSK	17.93	19.50
	Mid	16QAM	17.97	19.51
	Mid	64QAM	17.98	19.48
	High	QPSK	17.94	19.49
	High	16QAM	17.98	19.57
	High	64QAM	17.96	19.65



LTE Band 71				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.49	4.99
	Low	16QAM	4.48	4.98
	Low	64QAM	4.49	4.97
	Mid	QPSK	4.51	5.04
	Mid	16QAM	4.51	4.99
	Mid	64QAM	4.51	5.02
	High	QPSK	4.52	5.01
	High	16QAM	4.49	4.99
	High	64QAM	4.51	4.98
10	Low	QPSK	8.97	9.75
	Low	16QAM	8.94	9.79
	Low	64QAM	8.94	9.83
	Mid	QPSK	8.99	9.89
	Mid	16QAM	8.98	9.89
	Mid	64QAM	9.00	10.13
	High	QPSK	9.01	10.07
	High	16QAM	8.96	9.78
	High	64QAM	8.99	10.27
15	Low	QPSK	13.45	14.61
	Low	16QAM	13.43	14.64
	Low	64QAM	13.42	14.64
	Mid	QPSK	13.49	14.70
	Mid	16QAM	13.49	14.90
	Mid	64QAM	13.48	14.80
	High	QPSK	13.45	14.66
	High	16QAM	13.44	14.67
	High	64QAM	13.41	14.70
20	Low	QPSK	17.90	19.34
	Low	16QAM	17.89	19.40
	Low	64QAM	17.88	19.48
	Mid	QPSK	17.87	19.47
	Mid	16QAM	17.89	19.34
	Mid	64QAM	17.90	19.57
	High	QPSK	17.86	19.37
	High	16QAM	17.89	19.43
	High	64QAM	17.85	19.29



Band2 / 1.4MHz / QPSK/ Low CH



Band2 / 1.4MHz / 16QAM/ Low CH



Band2 / 1.4MHz / 64QAM/ Low CH



Band2 / 1.4MHz / QPSK/ Mid CH



Band2 / 1.4MHz / 16QAM/ Mid CH

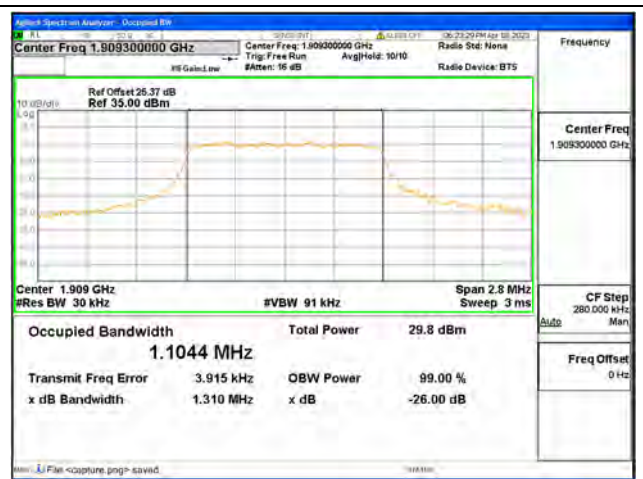


Band2 / 1.4MHz / 64QAM/ Mid CH

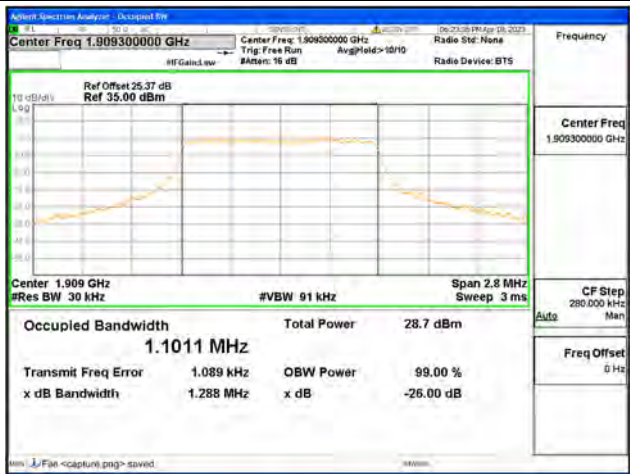




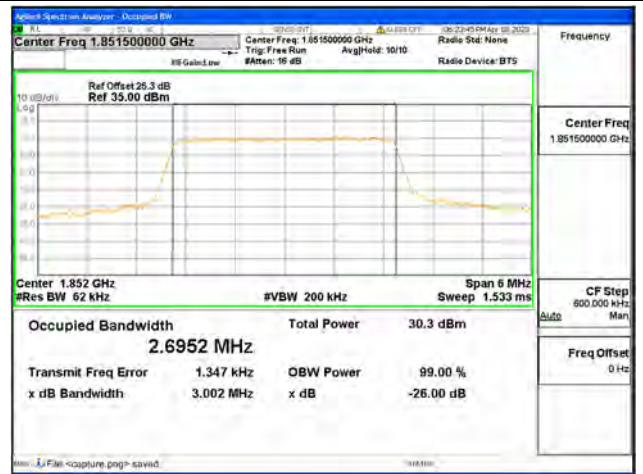
Band2 / 1.4MHz / QPSK/ High CH



Band2 / 1.4MHz / 16QAM/ High CH



Band2 / 1.4MHz / 64QAM/ High CH



Band2 / 3MHz / QPSK/ Low CH



Band2 / 3MHz / 16QAM/ Low CH



Band2 / 3MHz / 64QAM/ Low CH





Band2 / 3MHz / QPSK/ Mid CH



Band2 / 3MHz / 16QAM/ Mid CH



Band2 / 3MHz / 64QAM/ Mid CH



Band2 / 3MHz / QPSK/ High CH



Band2 / 3MHz / 16QAM/ High CH



Band2 / 3MHz / 64QAM/ High CH



Band2 / 5MHz / QPSK/ Low CH



Band2 / 5MHz / 16QAM/ Low CH



Band2 / 5MHz / 64QAM/ Low CH



Band2 / 5MHz / QPSK/ Mid CH



Band2 / 5MHz / 16QAM/ Mid CH

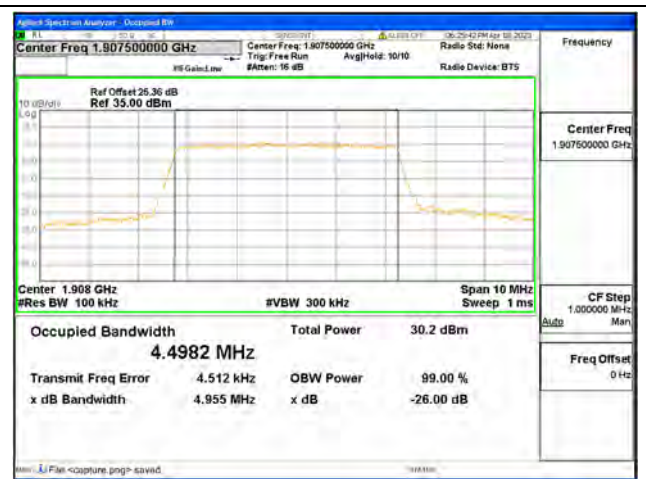


Band2 / 5MHz / 64QAM/ Mid CH





Band2 / 5MHz / QPSK / High CH



Band2 / 5MHz / 16QAM / High CH



Band2 / 5MHz / 64QAM / High CH



Band2 / 10MHz / QPSK / Low CH



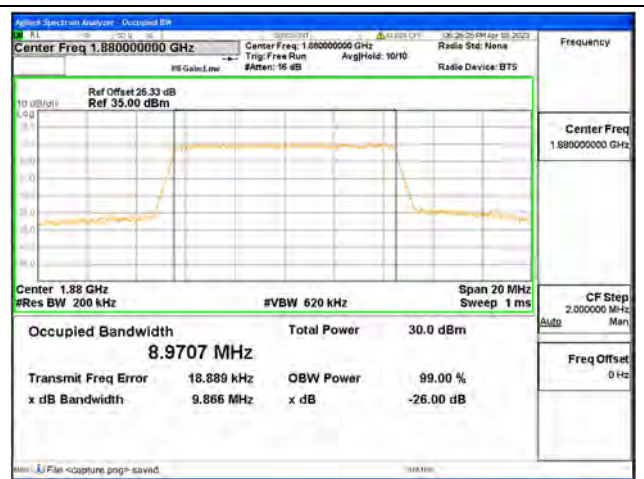
Band2 / 10MHz / 16QAM / Low CH



Band2 / 10MHz / 64QAM / Low CH



Band2 / 10MHz / QPSK/ Mid CH



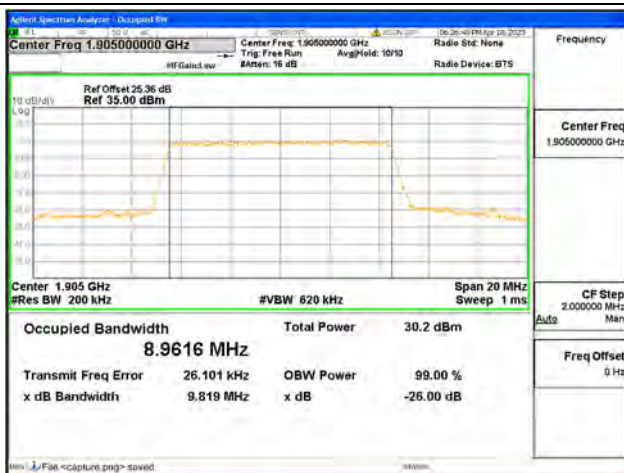
Band2 / 10MHz / 16QAM/ Mid CH



Band2 / 10MHz / 64QAM/ Mid CH



Band2 / 10MHz / QPSK/ High CH



Band2 / 10MHz / 16QAM/ High CH



Band2 / 10MHz / 64QAM/ High CH





Band2 / 15MHz / QPSK/ Low CH



Band2 / 15MHz / 16QAM/ Low CH



Band2 / 15MHz / 64QAM/ Low CH



Band2 / 15MHz / QPSK/ Mid CH



Band2 / 15MHz / 16QAM/ Mid CH



Band2 / 15MHz / 64QAM/ Mid CH



Band2 / 15MHz / QPSK/ High CH



Band2 / 15MHz / 16QAM/ High CH



Band2 / 15MHz / 64QAM/ High CH



Band2 / 20MHz / QPSK/ Low CH



Band2 / 20MHz / 16QAM/ Low CH

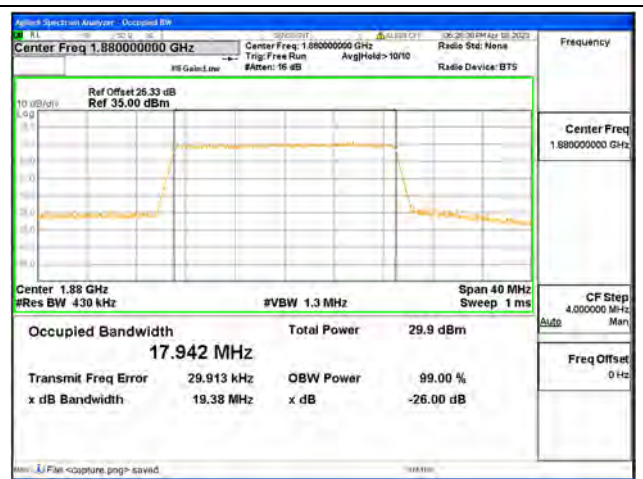


Band2 / 20MHz / 64QAM/ Low CH





Band2 / 20MHz / QPSK/ Mid CH



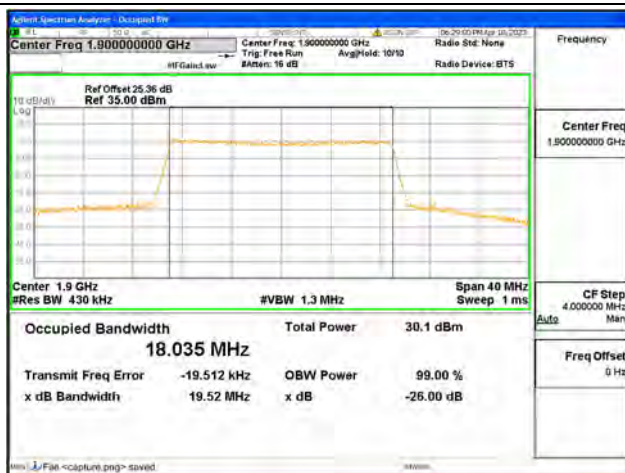
Band2 / 20MHz / 16QAM/ Mid CH



Band2 / 20MHz / 64QAM/ Mid CH



Band2 / 20MHz / QPSK/ High CH



Band2 / 20MHz / 16QAM/ High CH



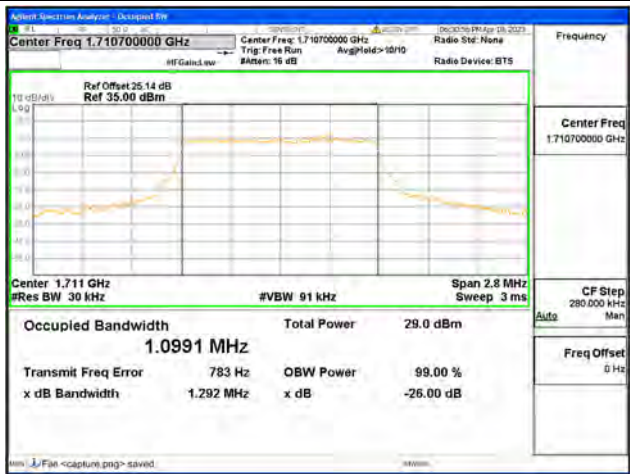
Band2 / 20MHz / 64QAM/ High CH



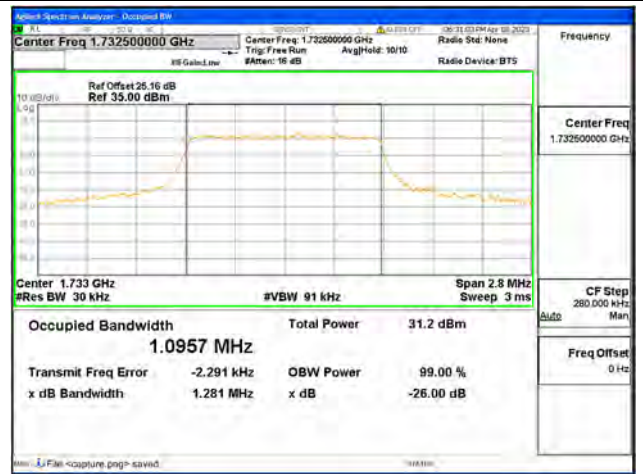
Band4 / 1.4MHz / QPSK/ Low CH



Band4 / 1.4MHz / 16QAM/ Low CH



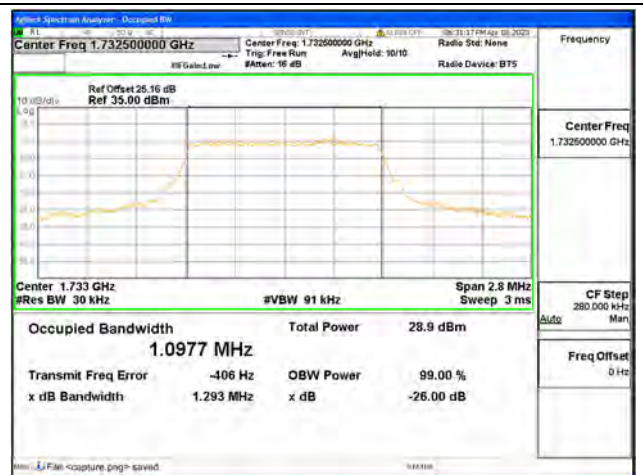
Band4 / 1.4MHz / 64QAM/ Low CH



Band4 / 1.4MHz / QPSK/ Mid CH



Band4 / 1.4MHz / 16QAM/ Mid CH

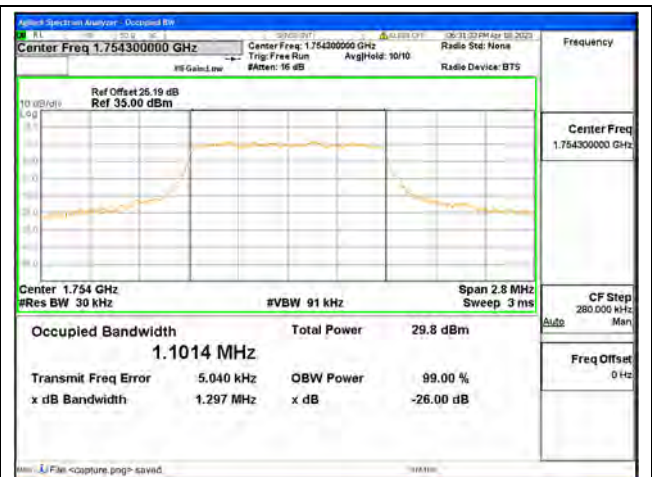


Band4 / 1.4MHz / 64QAM/ Mid CH

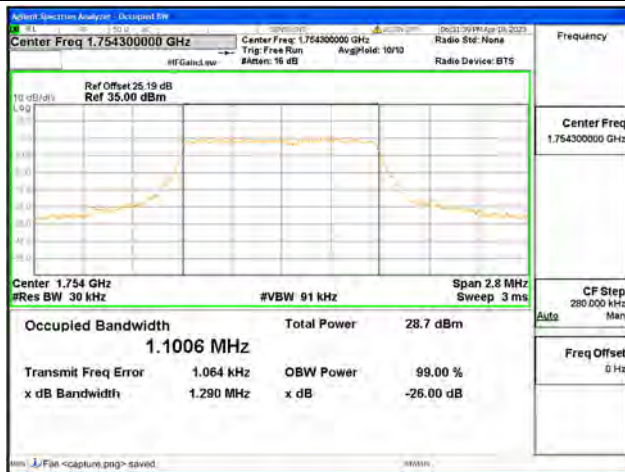




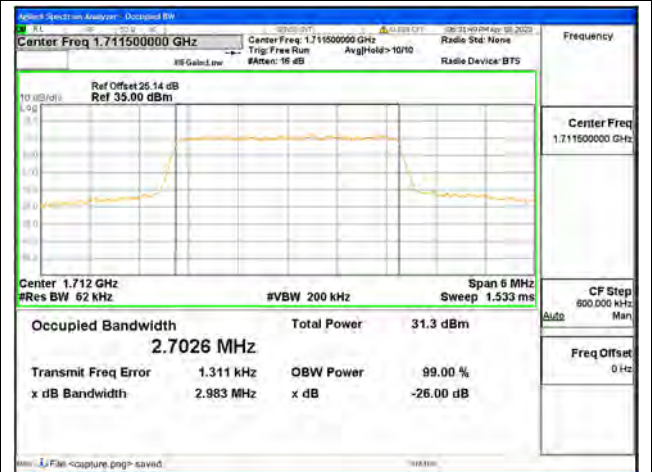
Band4 / 1.4MHz / QPSK/ High CH



Band4 / 1.4MHz / 16QAM/ High CH



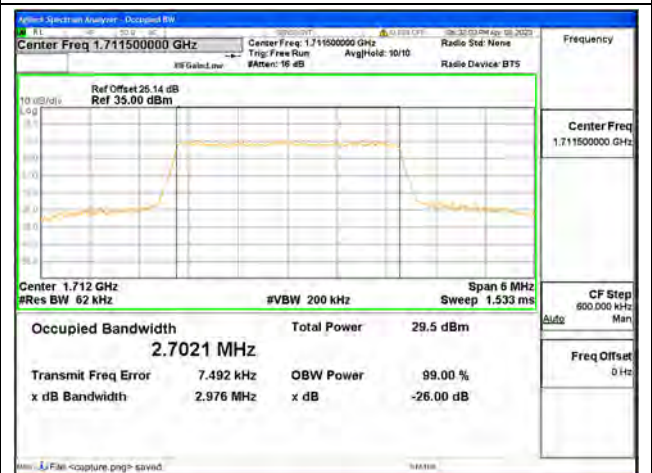
Band4 / 1.4MHz / 64QAM/ High CH



Band4 / 3MHz / QPSK/ Low CH



Band4 / 3MHz / 16QAM/ Low CH



Band4 / 3MHz / 64QAM/ Low CH



Band4 / 3MHz / QPSK/ Mid CH



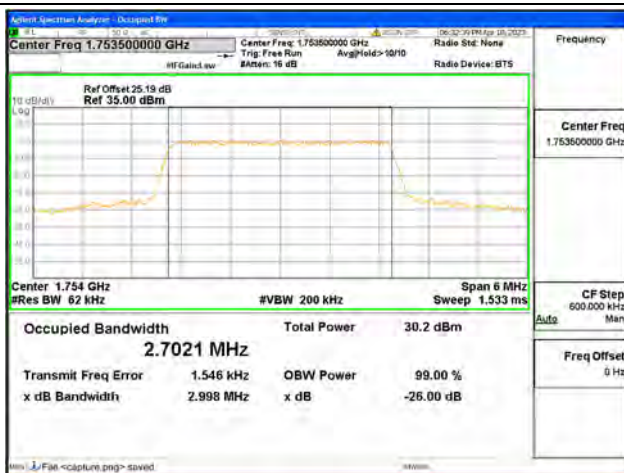
Band4 / 3MHz / 16QAM/ Mid CH



Band4 / 3MHz / 64QAM/ Mid CH



Band4 / 3MHz / QPSK/ High CH



Band4 / 3MHz / 16QAM/ High CH



Band4 / 3MHz / 64QAM/ High CH





Band4 / 5MHz / QPSK/ Low CH



Band4 / 5MHz / 16QAM/ Low CH



Band4 / 5MHz / 64QAM/ Low CH



Band4 / 5MHz / QPSK/ Mid CH



Band4 / 5MHz / 16QAM/ Mid CH



Band4 / 5MHz / 64QAM/ Mid CH



Band4 / 5MHz / QPSK/ High CH



Band4 / 5MHz / 16QAM/ High CH



Band4 / 5MHz / 64QAM/ High CH



Band4 / 10MHz / QPSK/ Low CH



Band4 / 10MHz / 16QAM/ Low CH



Band4 / 10MHz / 64QAM/ Low CH

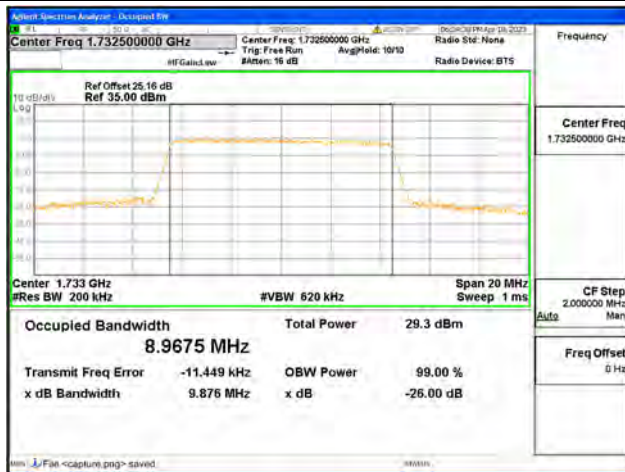




Band4 / 10MHz / QPSK/ Mid CH



Band4 / 10MHz / 16QAM/ Mid CH



Band4 / 10MHz / 64QAM/ Mid CH



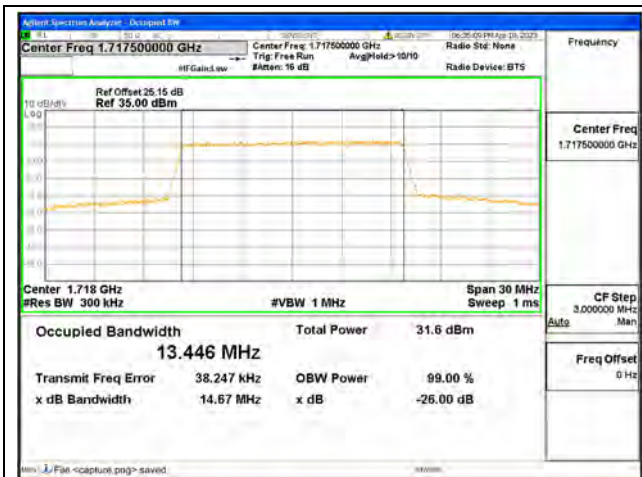
Band4 / 10MHz / QPSK/ High CH



Band4 / 10MHz / 16QAM/ High CH



Band4 / 10MHz / 64QAM/ High CH



Band4 / 15MHz / QPSK/ Low CH



Band4 / 15MHz / 16QAM/ Low CH



Band4 / 15MHz / 64QAM/ Low CH



Band4 / 15MHz / QPSK/ Mid CH

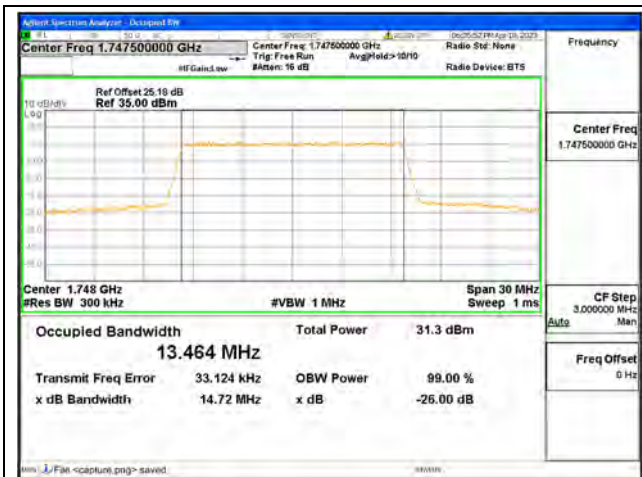


Band4 / 15MHz / 16QAM/ Mid CH



Band4 / 15MHz / 64QAM/ Mid CH





Band4 / 15MHz / QPSK/ High CH



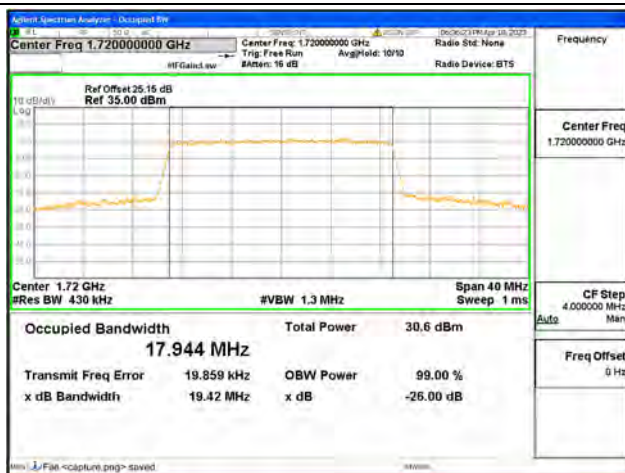
Band4 / 15MHz / 16QAM/ High CH



Band4 / 15MHz / 64QAM/ High CH



Band4 / 20MHz / QPSK/ Low CH



Band4 / 20MHz / 16QAM/ Low CH



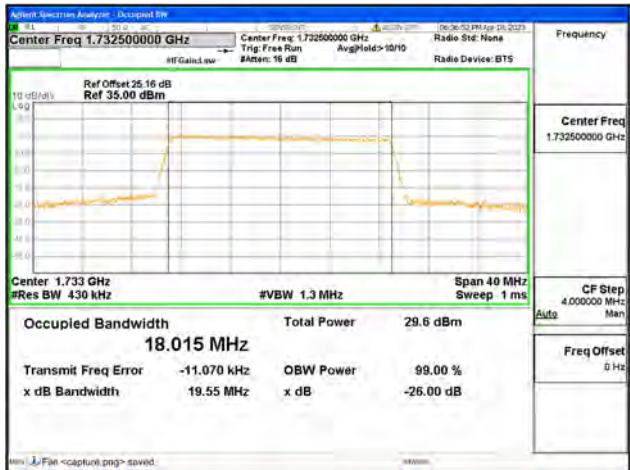
Band4 / 20MHz / 64QAM/ Low CH



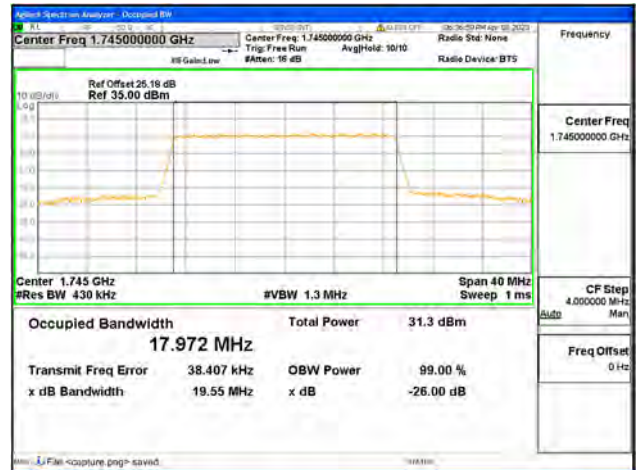
Band4 / 20MHz / QPSK/ Mid CH



Band4 / 20MHz / 16QAM/ Mid CH



Band4 / 20MHz / 64QAM/ Mid CH



Band4 / 20MHz / QPSK/ High CH



Band4 / 20MHz / 16QAM/ High CH



Band4 / 20MHz / 64QAM/ High CH





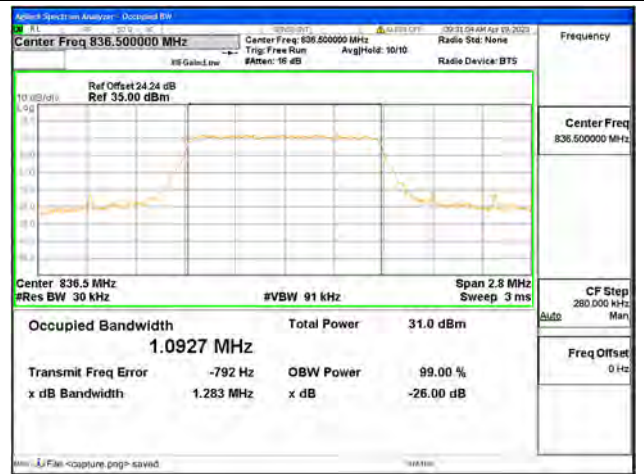
Band5 / 1.4MHz / QPSK/ Low CH



Band5 / 1.4MHz / 16QAM/ Low CH



Band5 / 1.4MHz / 64QAM/ Low CH



Band5 / 1.4MHz / QPSK/ Mid CH



Band5 / 1.4MHz / 16QAM/ Mid CH



Band5 / 1.4MHz / 64QAM/ Mid CH



Band5 / 1.4MHz / QPSK/ High CH



Band5 / 1.4MHz / 16QAM/ High CH



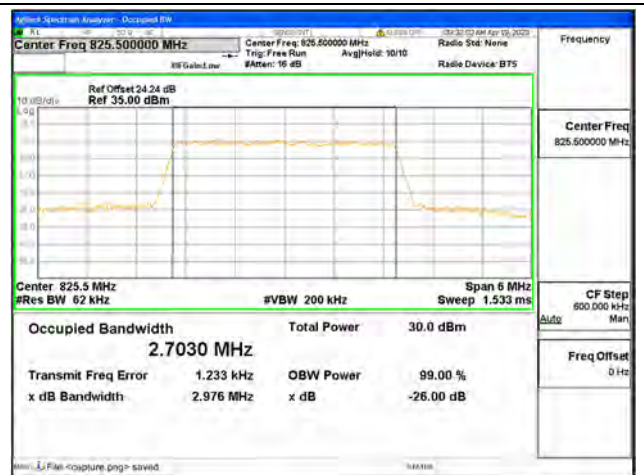
Band5 / 1.4MHz / 64QAM/ High CH



Band5 / 3MHz / QPSK/ Low CH



Band5 / 3MHz / 16QAM/ Low CH



Band5 / 3MHz / 64QAM/ Low CH





Band5 / 3MHz / QPSK/ Mid CH



Band5 / 3MHz / 16QAM/ Mid CH



Band5 / 3MHz / 64QAM/ Mid CH



Band5 / 3MHz / QPSK/ High CH



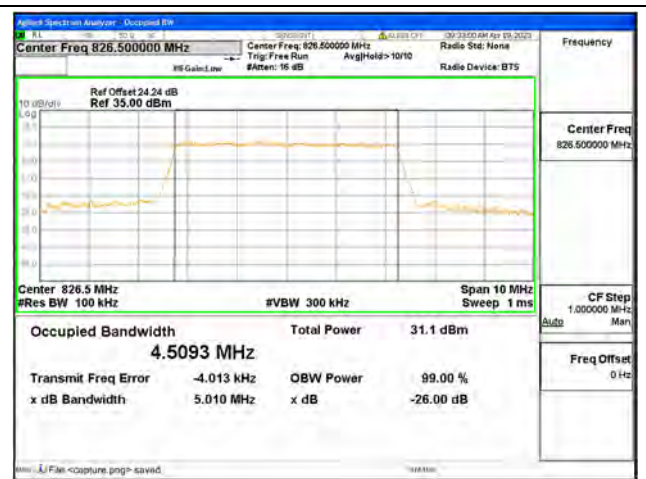
Band5 / 3MHz / 16QAM/ High CH



Band5 / 3MHz / 64QAM/ High CH



Band5 / 5MHz / QPSK/ Low CH



Band5 / 5MHz / 16QAM/ Low CH



Band5 / 5MHz / 64QAM/ Low CH



Band5 / 5MHz / QPSK/ Mid CH



Band5 / 5MHz / 16QAM/ Mid CH



Band5 / 5MHz / 64QAM/ Mid CH





Band5 / 5MHz / QPSK/ High CH



Band5 / 5MHz / 16QAM/ High CH



Band5 / 5MHz / 64QAM/ High CH



Band5 / 10MHz / QPSK/ Low CH



Band5 / 10MHz / 16QAM/ Low CH



Band5 / 10MHz / 64QAM/ Low CH



Band5 / 10MHz / QPSK/ Mid CH



Band5 / 10MHz / 16QAM/ Mid CH



Band5 / 10MHz / 64QAM/ Mid CH



Band5 / 10MHz / QPSK/ High CH



Band5 / 10MHz / 16QAM/ High CH

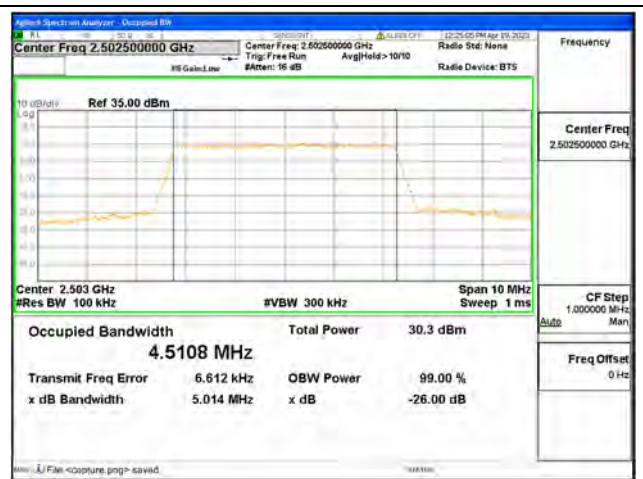


Band5 / 10MHz / 64QAM/ High CH





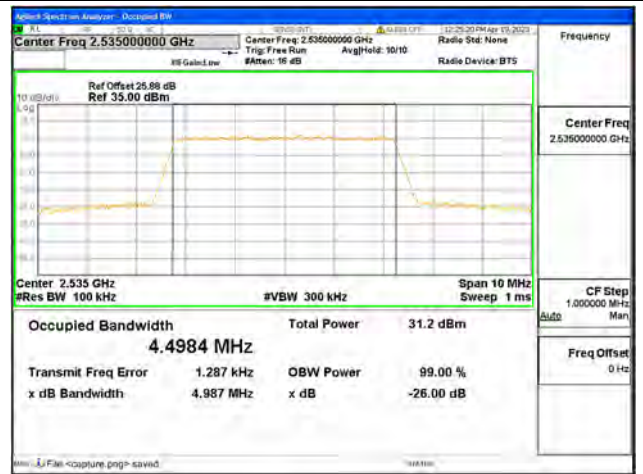
Band7 / 5MHz / QPSK/ Low CH



Band7 / 5MHz / 16QAM/ Low CH



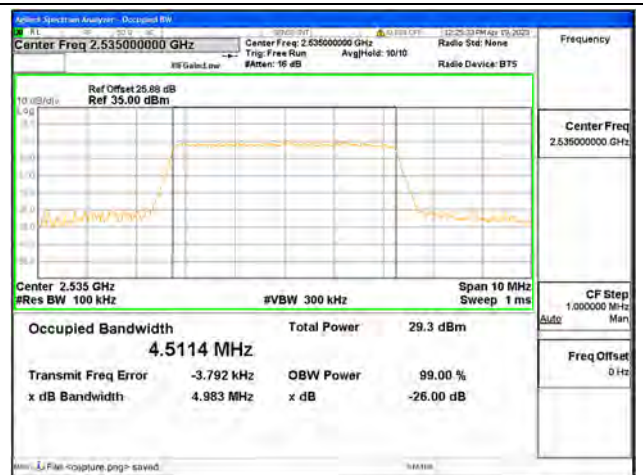
Band7 / 5MHz / 64QAM/ Low CH



Band7 / 5MHz / QPSK/ Mid CH



Band7 / 5MHz / 16QAM/ Mid CH



Band7 / 5MHz / 64QAM/ Mid CH



Band7 / 5MHz / QPSK / High CH



Band7 / 5MHz / 16QAM / High CH



Band7 / 5MHz / 64QAM / High CH



Band7 / 10MHz / QPSK / Low CH



Band7 / 10MHz / 16QAM / Low CH



Band7 / 10MHz / 64QAM / Low CH





Band7 / 10MHz / QPSK/ Mid CH



Band7 / 10MHz / 16QAM/ Mid CH



Band7 / 10MHz / 64QAM/ Mid CH



Band7 / 10MHz / QPSK/ High CH



Band7 / 10MHz / 16QAM/ High CH



Band7 / 10MHz / 64QAM/ High CH



Band7 / 15MHz / QPSK/ Low CH



Band7 / 15MHz / 16QAM/ Low CH



Band7 / 15MHz / 64QAM/ Low CH



Band7 / 15MHz / QPSK/ Mid CH



Band7 / 15MHz / 16QAM/ Mid CH



Band7 / 15MHz / 64QAM/ Mid CH





Band7 / 15MHz / QPSK/ High CH



Band7 / 15MHz / 16QAM/ High CH



Band7 / 15MHz / 64QAM/ High CH



Band7 / 20MHz / QPSK/ Low CH



Band7 / 20MHz / 16QAM/ Low CH



Band7 / 20MHz / 64QAM/ Low CH



Band7 / 20MHz / QPSK/ Mid CH



Band7 / 20MHz / 16QAM/ Mid CH



Band7 / 20MHz / 64QAM/ Mid CH



Band7 / 20MHz / QPSK/ High CH



Band7 / 20MHz / 16QAM/ High CH



Band7 / 20MHz / 64QAM/ High CH

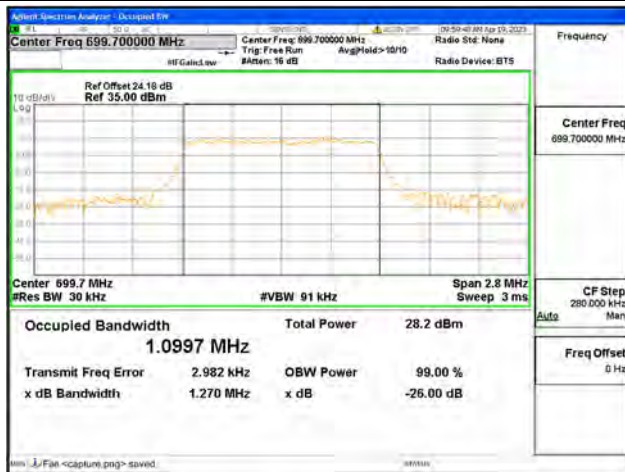




Band12 / 1.4MHz / QPSK/ Low CH



Band12 / 1.4MHz / 16QAM/ Low CH



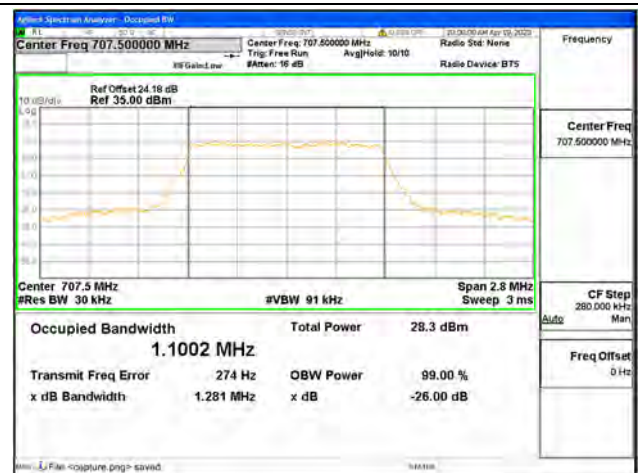
Band12 / 1.4MHz / 64QAM/ Low CH



Band12 / 1.4MHz / QPSK/ Mid CH



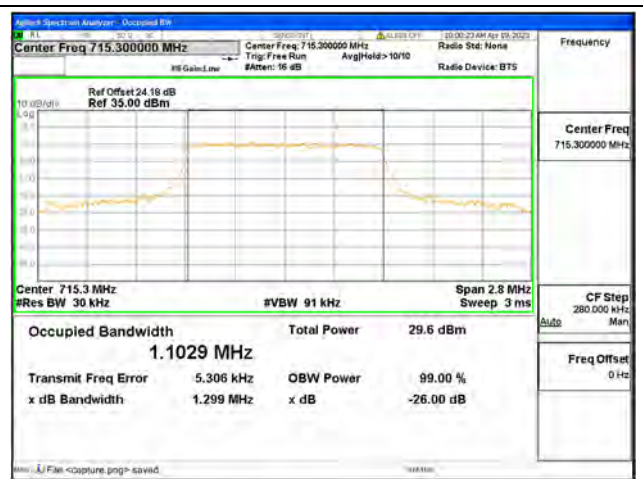
Band12 / 1.4MHz / 16QAM/ Mid CH



Band12 / 1.4MHz / 64QAM/ Mid CH



Band12 / 1.4MHz / QPSK/ High CH



Band12 / 1.4MHz / 16QAM/ High CH



Band12 / 1.4MHz / 64QAM/ High CH



Band12 / 3MHz / QPSK/ Low CH



Band12 / 3MHz / 16QAM/ Low CH

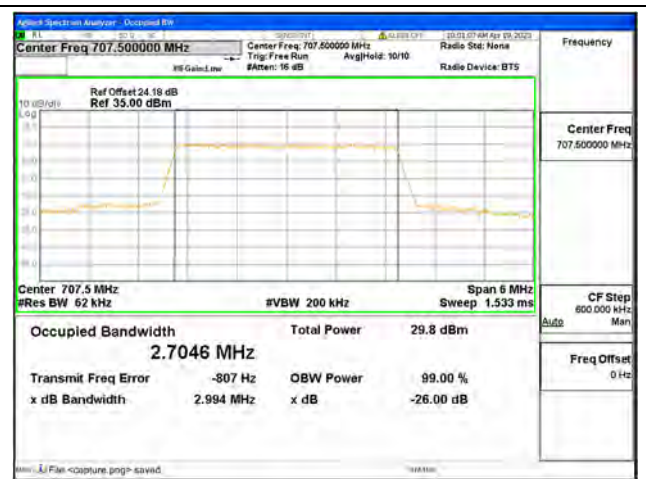


Band12 / 3MHz / 64QAM/ Low CH





Band12 / 3MHz / QPSK/ Mid CH



Band12 / 3MHz / 16QAM/ Mid CH



Band12 / 3MHz / 64QAM/ Mid CH



Band12 / 3MHz / QPSK/ High CH



Band12 / 3MHz / 16QAM/ High CH



Band12 / 3MHz / 64QAM/ High CH



Band12 / 5MHz / QPSK/ Low CH



Band12 / 5MHz / 16QAM/ Low CH



Band12 / 5MHz / 64QAM/ Low CH



Band12 / 5MHz / QPSK/ Mid CH



Band12 / 5MHz / 16QAM/ Mid CH



Band12 / 5MHz / 64QAM/ Mid CH





Band12 / 5MHz / QPSK/ High CH



Band12 / 5MHz / 16QAM/ High CH



Band12 / 5MHz / 64QAM/ High CH



Band12 / 10MHz / QPSK/ Low CH



Band12 / 10MHz / 16QAM/ Low CH



Band12 / 10MHz / 64QAM/ Low CH



Band12 / 10MHz / QPSK/ Mid CH



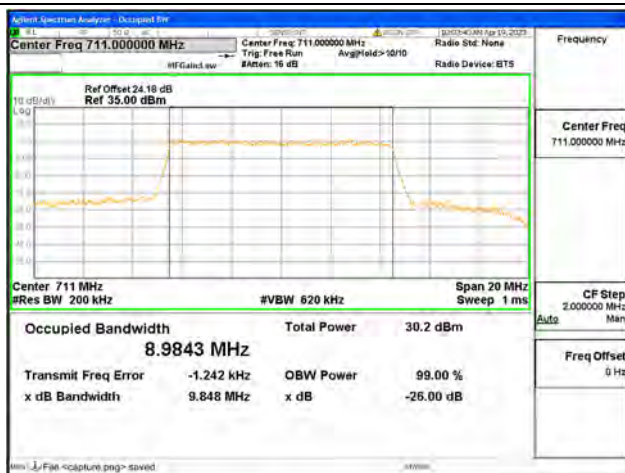
Band12 / 10MHz / 16QAM/ Mid CH



Band12 / 10MHz / 64QAM/ Mid CH



Band12 / 10MHz / QPSK/ High CH

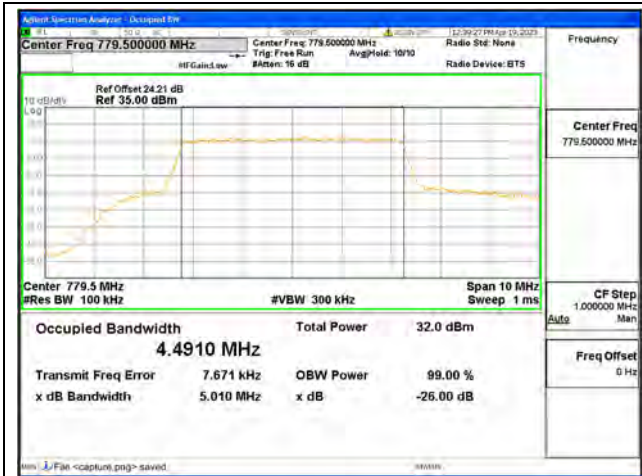


Band12 / 10MHz / 16QAM/ High CH



Band12 / 10MHz / 64QAM/ High CH

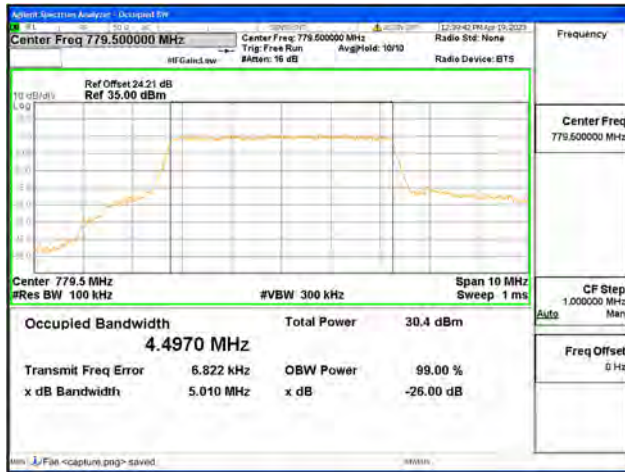




Band13 / 5MHz / QPSK/ Low CH



Band13 / 5MHz / 16QAM/ Low CH



Band13 / 5MHz / 64QAM/ Low CH



Band13 / 5MHz / QPSK/ Mid CH



Band13 / 5MHz / 16QAM/ Mid CH



Band13 / 5MHz / 64QAM/ Mid CH



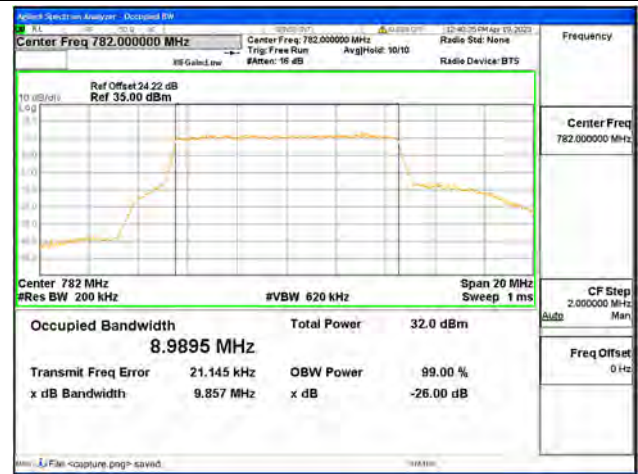
Band13 / 5MHz / QPSK/ High CH



Band13 / 5MHz / 16QAM/ High CH



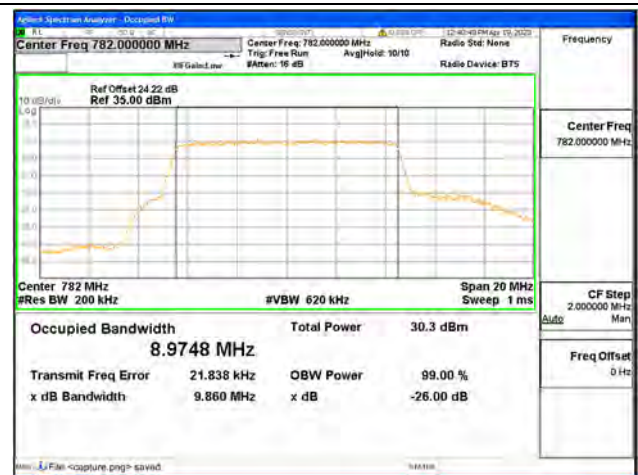
Band13 / 5MHz / 64QAM/ High CH



Band13 / 10MHz / QPSK/ Mid CH



Band13 / 10MHz / 16QAM/ Mid CH

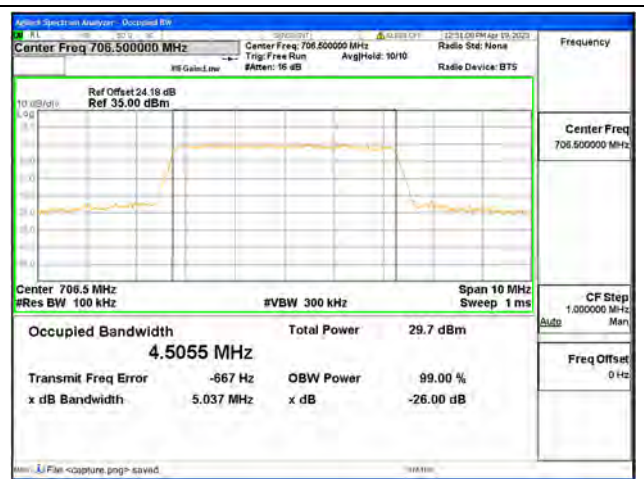


Band13 / 10MHz / 64QAM/ Mid CH





Band17 / 5MHz / QPSK/ Low CH



Band17 / 5MHz / 16QAM/ Low CH



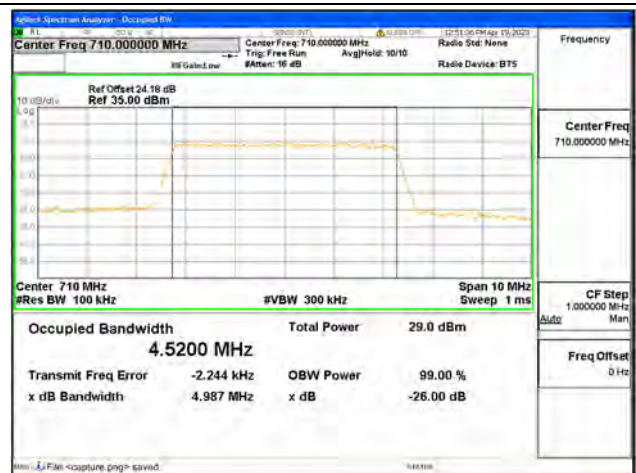
Band17 / 5MHz / 64QAM/ Low CH



Band17 / 5MHz / QPSK/ Mid CH



Band17 / 5MHz / 16QAM/ Mid CH



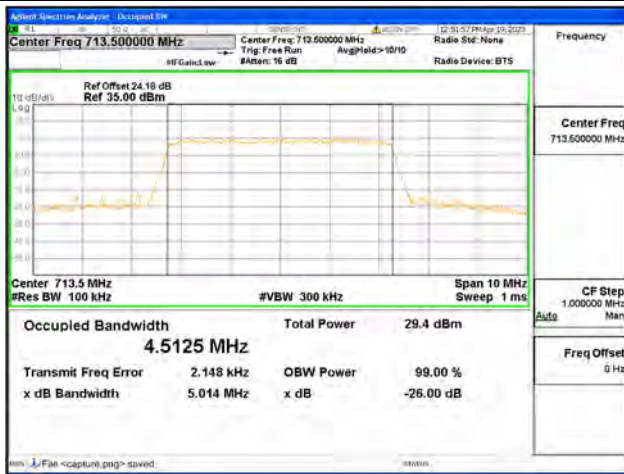
Band17 / 5MHz / 64QAM/ Mid CH



Band17 / 5MHz / QPSK/ High CH



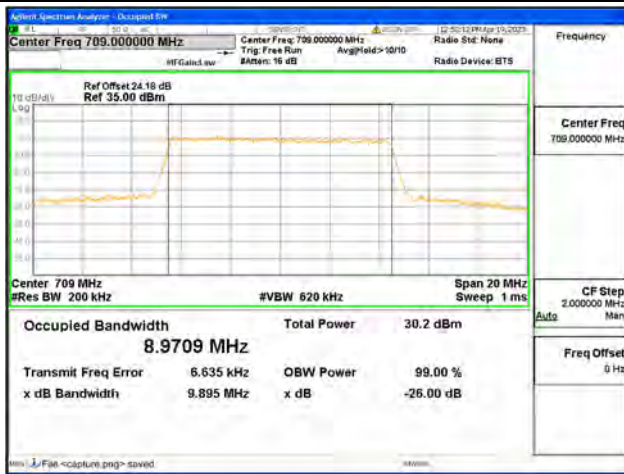
Band17 / 5MHz / 16QAM/ High CH



Band17 / 5MHz / 64QAM/ High CH



Band17 / 10MHz / QPSK/ Low CH



Band17 / 10MHz / 16QAM/ Low CH

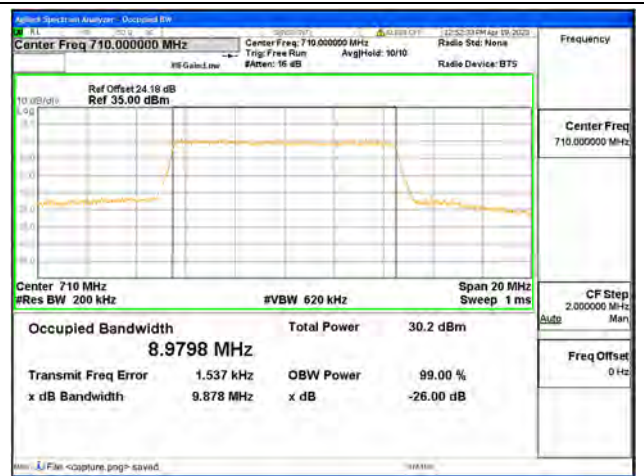


Band17 / 10MHz / 64QAM/ Low CH





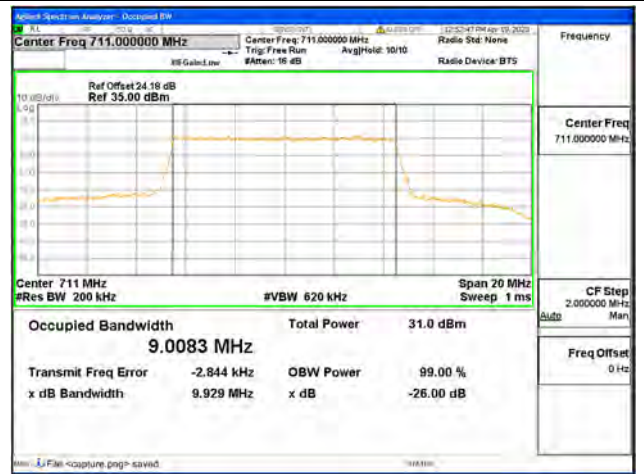
Band17 / 10MHz / QPSK/ Mid CH



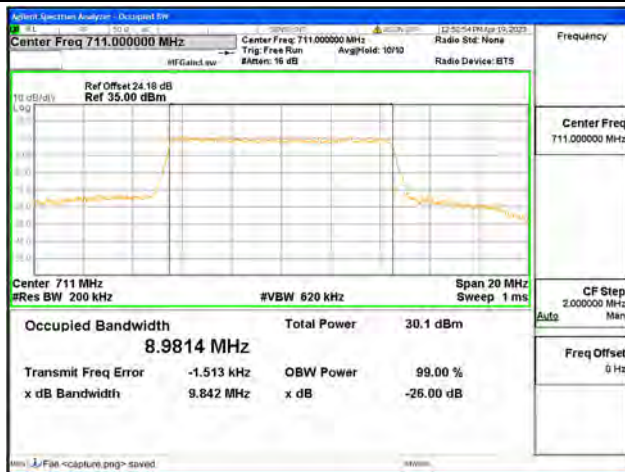
Band17 / 10MHz / 16QAM/ Mid CH



Band17 / 10MHz / 64QAM/ Mid CH



Band17 / 10MHz / QPSK/ High CH



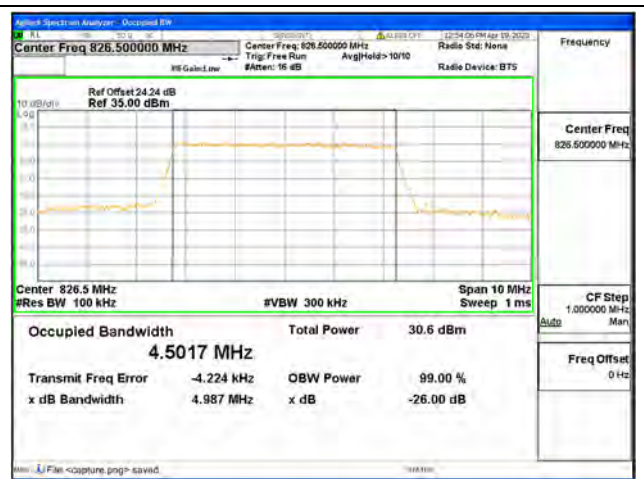
Band17 / 10MHz / 16QAM/ High CH



Band17 / 10MHz / 64QAM/ High CH



Band18 part22 / 5MHz / QPSK/ Low CH



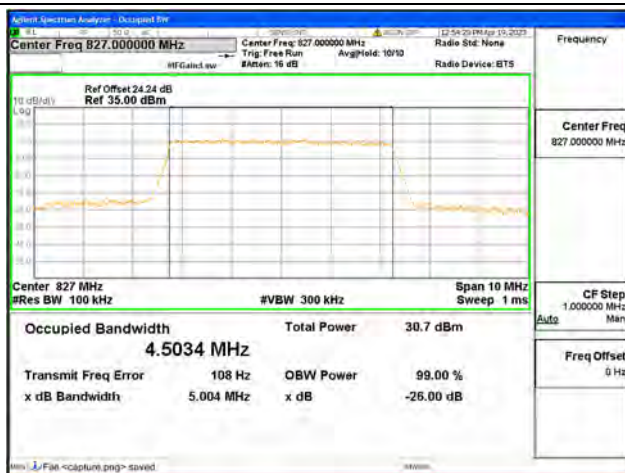
Band18 part22 / 5MHz / 16QAM/ Low CH



Band18 part22 / 5MHz / 64QAM/ Low CH



Band18 part22 / 5MHz / QPSK/ Mid CH



Band18 part22 / 5MHz / 16QAM/ Mid CH



Band18 part22 / 5MHz / 64QAM/ Mid CH

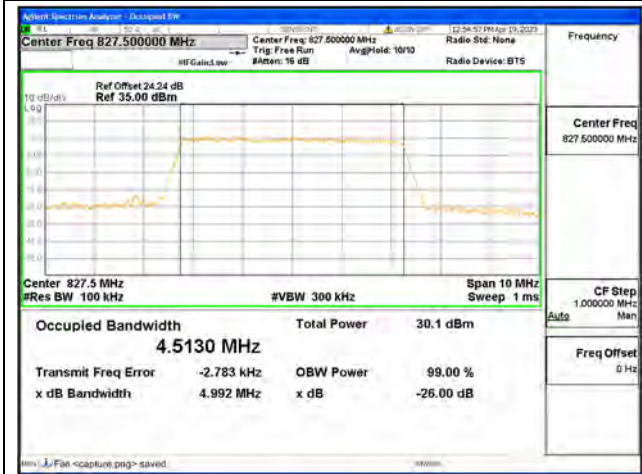




Band18 part22 / 5MHz / QPSK/ High CH



Band18 part22 / 5MHz / 16QAM/ High CH



Band18 part22 / 5MHz / 64QAM/ High CH



Band19 / 5MHz / QPSK/ Low CH



Band19 / 5MHz / 16QAM/ Low CH



Band19 / 5MHz / 64QAM/ Low CH



Band19 / 5MHz / QPSK/ Mid CH



Band19 / 5MHz / 16QAM/ Mid CH



Band19 / 5MHz / 64QAM/ Mid CH





Band19 / 5MHz / QPSK/ High CH



Band19 / 5MHz / 16QAM/ High CH



Band19 / 5MHz / 64QAM/ High CH



Band19 / 10MHz / QPSK/ Low CH



Band19 / 10MHz / 16QAM/ Low CH



Band19 / 10MHz / 64QAM/ Low CH



Band19 / 10MHz / QPSK/ Mid CH



Band19 / 10MHz / 16QAM/ Mid CH



Band19 / 10MHz / 64QAM/ Mid CH



Band19 / 10MHz / QPSK/ High CH



Band19 / 10MHz / 16QAM/ High CH



Band19 / 10MHz / 64QAM/ High CH





Band19 / 15MHz / QPSK/ Low CH



Band19 / 15MHz / 16QAM/ Low CH



Band19 / 15MHz / 64QAM/ Low CH



Band19 / 15MHz / QPSK/ Mid CH



Band19 / 15MHz / 16QAM/ Mid CH



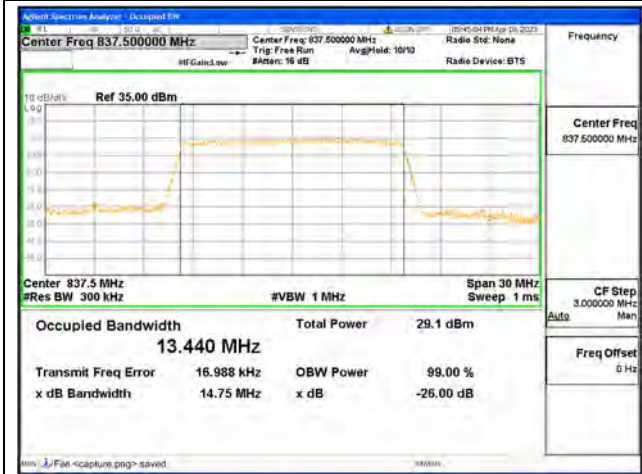
Band19 / 15MHz / 64QAM/ Mid CH



Band19 / 15MHz / QPSK/ High CH

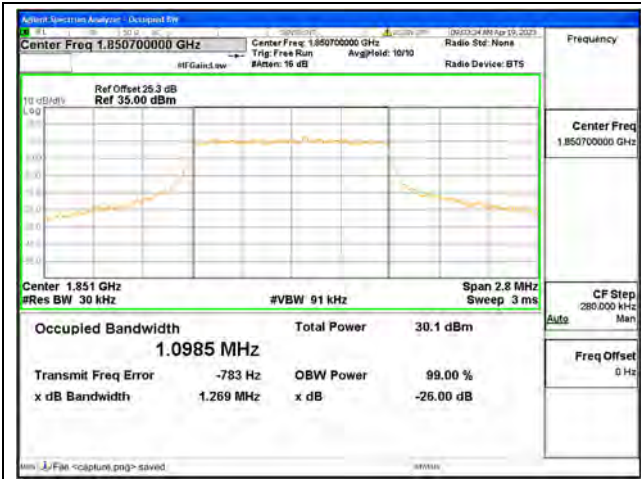


Band19 / 15MHz / 16QAM/ High CH

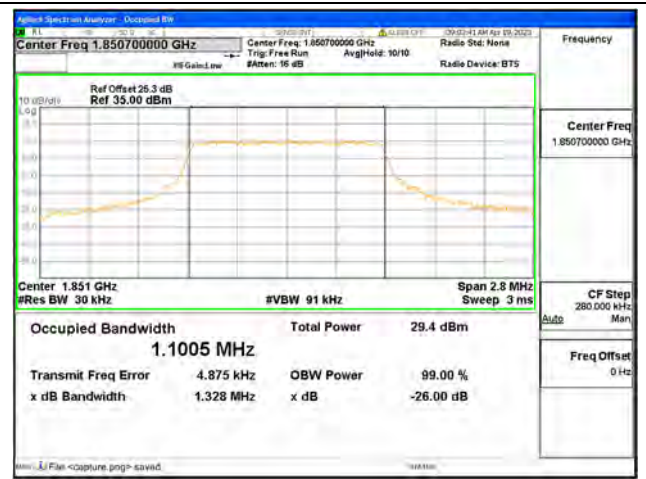


Band19 / 15MHz / 64QAM/ High CH

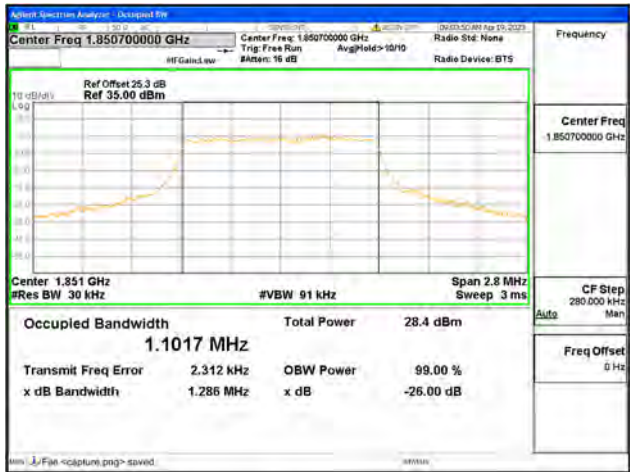




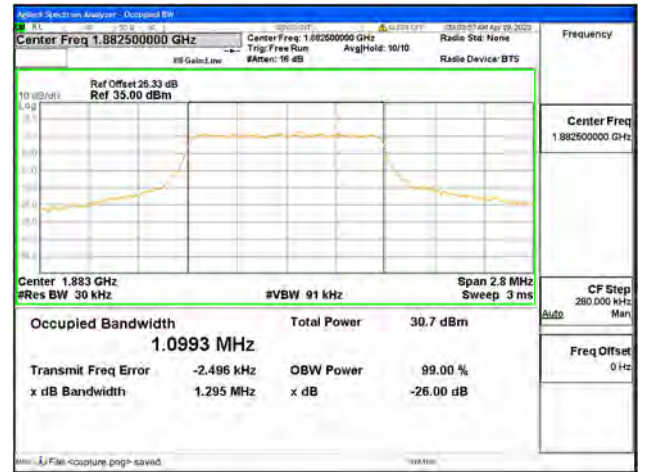
Band25 / 1.4MHz / QPSK/ Low CH



Band25 / 1.4MHz / 16QAM/ Low CH



Band25 / 1.4MHz / 64QAM/ Low CH



Band25 / 1.4MHz / QPSK/ Mid CH



Band25 / 1.4MHz / 16QAM/ Mid CH



Band25 / 1.4MHz / 64QAM/ Mid CH