



# TEST REPORT

**APPLICANT** : BLU Products, Inc.

**PRODUCT NAME** : Smart Phone

**MODEL NAME** : G33

**BRAND NAME** : BLU

**FCC ID** : YHLBLUG33U92

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

**RECEIPT DATE** : 2023-06-07

**TEST DATE** : 2023-06-08 to 2023-06-29

**ISSUE DATE** : 2023-07-12



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Change History		
Version	Date	Reason for change
1.0	2023-07-12	First edition



# 1. Technical Information

**Note:** Provide by applicant.

## 1.1. Applicant and Manufacturer Information

<b>Applicant:</b>	BLU Products, Inc.
<b>Applicant Address:</b>	8600 NW 36th Street, Suite #200 Doral, FL 33166, USA
<b>Manufacturer:</b>	BLU Products, Inc.
<b>Manufacturer Address:</b>	8600 NW 36th Street, Suite #200 Doral, FL 33166, USA

## 1.2. Equipment Under Test (EUT) Description

<b>Product Name:</b>	Smart Phone	
<b>Sample No.:</b>	6#	
<b>Hardware Version:</b>	YK507-MB-V6.0	
<b>Software Version:</b>	BLU_G0892_V13.0.G.03.03_GENERIC_30-06-2023_0950_DEBU G	
<b>Modulation Type:</b>	QPSK, 16QAM, 64QAM	
<b>Operation Band:</b>	Band 2 / 4 / 5 / 12 / 17 / 25 / 26 / 41 / 66 / 71	
<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 12	Tx: 699MHz–716MHz
		Rx: 729MHz–746MHz
	LTE Band 17	Tx: 704MHz - 716MHz
		Rx: 734MHz – 746MHz
	LTE Band 25	Tx: 1850MHz–1915MHz
		Rx: 1930MHz–1995MHz
	LTE Band 26	Tx: 824MHz–849MHz
		Rx: 869MHz–894MHz
LTE Band 41	Tx: 2535MHz –2655MHz	
	Rx: 2535MHz –2655MHz	



<b>Frequency Range:</b>	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 12	1.4MHz, 3 MHz, 5 MHz, 10MHz
	LTE Band 17	5 MHz, 10MHz
	LTE Band 25	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
	LTE Band 26	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz
	LTE Band 41	5 MHz, 10MHz, 15MHz, 20MHz
	LTE Band 66	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
	LTE Band 71	5MHz, 10MHz, 15MHz, 20MHz
<b>Antenna Type:</b>	PIFA Antenna	
<b>Antenna Gain:</b>	LTE Band 2	-1.90dBi
	LTE Band 4	-1.50dBi
	LTE Band 5	-1.40dBi
	LTE Band 12	-1.80dBi
	LTE Band 17	-1.80dBi
	LTE Band 25	-1.90dBi
	LTE Band 26	-1.40dBi
	LTE Band 41	-1.20dBi
	LTE Band 66	-1.60dBi
	LTE Band 71	-2.20dBi
<b>Accessory Information:</b>	Battery	
	Brand Name:	BLU
	Model No.:	C876540300L
	Serial No.:	N/A
	Capacity:	3000mAh
	Rated Voltage:	3.8V
	Charge Limit:	4.35V
	Manufacturer:	PHENIX NEW ENERGY(HUIZHOU)CO.,LTD.



<b>Accessory Information:</b>	AC Adapter	
	Brand Name:	BLU
	Model No.:	US-NB-1005
	Serial No.:	N/A
	Rated Output:	5.0V $\pm$ 1000mA
	Rated Input:	100-240V $\sim$ 50/60Hz, 0.3A
	Manufacturer:	SHENZHEN NANBANG ELECTRONICS CO., LTD

**Note 1:** 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	0.147	0.124	0.096	18M0G7D	18M1W7D	18M0W7D	
15	0.145	0.122	0.094	13M5G7D	13M5W7D	13M5W7D	
10	0.145	0.121	0.095	9M01G7D	9M00W7D	9M02W7D	
5	0.146	0.122	0.096	4M50G7D	4M51W7D	4M51W7D	
3	0.146	0.122	0.095	2M69G7D	2M69W7D	2M70W7D	
1.4	0.145	0.123	0.095	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	0.163	0.136	0.105	18M0G7D	18M0W7D	18M0W7D	
15	0.160	0.136	0.103	13M5G7D	13M5W7D	13M4W7D	
10	0.163	0.135	0.104	8M99G7D	8M97W7D	8M98W7D	
5	0.162	0.133	0.104	4M50G7D	4M50W7D	4M50W7D	
3	0.161	0.136	0.104	2M69G7D	2M69W7D	2M70W7D	
1.4	0.160	0.134	0.104	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	0.100	0.085	0.067	9M01G7D	8M98W7D	8M98W7D	
5	0.100	0.084	0.066	4M50G7D	4M51W7D	4M51W7D	
3	0.098	0.084	0.066	2M69G7D	2M70W7D	2M70W7D	
1.4	0.099	0.084	0.066	1M09G7D	1M10W7D	1M10W7D	
<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	0.088	0.076	0.058	9M04G7D	9M01W7D	9M02W7D	
5	0.086	0.075	0.058	4M51G7D	4M51W7D	4M53W7D	
3	0.086	0.074	0.058	2M69G7D	2M69W7D	2M70W7D	
1.4	0.086	0.076	0.058	1M10G7D	1M10W7D	1M10W7D	
<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	0.088	0.075	0.058	9M05G7D	9M01W7D	9M03W7D	
5	0.087	0.074	0.058	4M52G7D	4M52W7D	4M53W7D	



<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	0.149	0.127	0.088	18M0G7D	18M1W7D	18M0W7D
15	0.149	0.125	0.087	13M5G7D	13M5W7D	13M5W7D
10	0.148	0.126	0.087	9M03G7D	8M99W7D	9M01W7D
5	0.146	0.126	0.087	4M52G7D	4M52W7D	4M53W7D
3	0.147	0.125	0.087	2M69G7D	2M69W7D	2M70W7D
1.4	0.149	0.126	0.087	1M10G7D	1M10W7D	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	0.095	0.081	0.064	13M5G7D	13M5W7D	13M5W7D
10	0.092	0.080	0.062	9M01G7D	8M98W7D	8M99W7D
5	0.092	0.079	0.061	4M50G7D	4M51W7D	4M51W7D
3	0.092	0.079	0.062	2M69G7D	2M69W7D	2M70W7D
1.4	0.092	0.080	0.062	1M10G7D	1M10W7D	1M10W7D
<b>LTE Band 66</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	0.163	0.140	0.109	18M0G7D	18M0W7D	18M0W7D
15	0.160	0.138	0.109	13M5G7D	13M5W7D	13M5W7D
10	0.162	0.137	0.107	9M00G7D	8M98W7D	9M01W7D
5	0.161	0.138	0.108	4M52G7D	4M52W7D	4M54W7D
3	0.162	0.139	0.109	2M69G7D	2M69W7D	2M70W7D
1.4	0.160	0.137	0.109	1M09G7D	1M10W7D	1M10W7D
<b>LTE Band 71</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	0.084	0.071	0.054	18M0G7D	18M0W7D	18M0W7D
15	0.082	0.070	0.054	13M5G7D	13M5W7D	13M5W7D
10	0.083	0.071	0.054	9M04G7D	8M99W7D	9M03W7D
5	0.083	0.070	0.054	4M52G7D	4M53W7D	4M53W7D



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	0.254	0.201	0.158	0.135	0.105	0.085
15	0.251	0.198	0.157	0.133	0.104	0.085
10	0.252	0.201	0.157	0.133	0.104	0.085
5	0.249	0.199	0.156	0.134	0.105	0.085
LTE Band 41	Emission Designator (99%OBW)					
BW(MHz)	QPSK		16QAM		64QAM	
5	4M50G7D		4M51W7D		4M51W7D	
10	8M99G7D		8M99W7D		8M98W7D	
15	13M5G7D		13M5W7D		13M5W7D	
20	18M0G7D		18M0W7D		18M0W7D	





## 1.4. Test Standards and Results

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

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

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

Section	Description	Test Date	Test Engineer	Result	Method Determination /Remark
2.1046 22.913(a)(2) 24.232(c) 27.50(b)(10) 27.50(c)(10) 27.50(d)(4) 27.50(h)(2)	Transmitter Conducted Output Power and E.R.P./E.I.R.P.	Jun. 08, 2023	Chen Hao Li Huaijie	PASS	No deviation
2.1049	Occupied Bandwidth	Jun. 08, 2023	Li Huaijie	PASS	No deviation
2.1055 22.355 24.235 27.54	Frequency Stability	Jun. 15, 2023	Li Huaijie	PASS	No deviation
24.232(d), 27.50(d)(5)	Peak to Average Radio	Jun. 08, 2023	Li Huaijie	PASS	No deviation
2.1051 22.917(a) 24.238(a) 27.53(c)(2) 27.53(g) 27.53(h) 27.53(m)(4)	Conducted Spurious Emissions	Jun. 08, 2023	Li Huaijie	PASS	No deviation
2.1051 22.917(a)	Band Edge	Jun. 08, 2023	Li Huaijie	PASS	No deviation



24.238(a) 27.53(c)(2) 27.53(g) 27.53(h) 27.53(m)(4)					
2.1053 22.917(a) 24.238(a) 27.53(c)(2) 27.53(g) 27.53(h) 27.53(m)(4)	Radiated Spurious Emissions	Jun. 29, 2023	Gao Jianrou	PASS	No deviation

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

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

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

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

### 1.5. Environmental Conditions

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

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



## **2.47 CFR Part 2, Part 22H, Part 24E, Part 27 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.

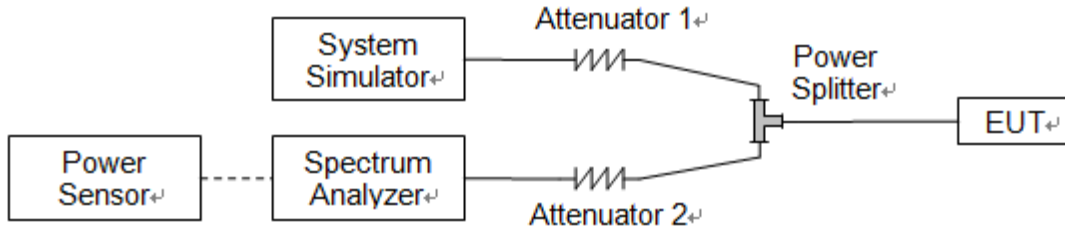
According to FCC section 22.913 (a)(2) for LTE Band 5/26, the E.R.P. of mobile transmitters and auxiliary test transmitters must not exceed 7 watts.

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

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

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

### 2.1.2. Test Description



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

### 2.1.3. Test Procedure

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

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

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



2.1.4. Result

Conducted Output Power

LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18700	18900	19100
Frequency (MHz)				1860	1880	1900
20	QPSK	1	0	23.32	23.35	23.26
20	QPSK	1	49	23.52	23.57	23.50
20	QPSK	1	99	23.28	23.31	23.25
20	QPSK	50	0	22.54	22.61	22.58
20	QPSK	50	24	22.50	22.57	22.53
20	QPSK	50	50	22.54	22.55	22.50
20	QPSK	100	0	22.54	22.56	22.55
20	16QAM	1	0	22.61	22.68	22.60
20	16QAM	1	49	22.78	22.82	22.75
20	16QAM	1	99	22.42	22.52	22.44
20	16QAM	50	0	21.48	21.58	21.51
20	16QAM	50	24	21.45	21.55	21.45
20	16QAM	50	50	21.43	21.52	21.43
20	16QAM	100	0	21.53	21.57	21.49
20	64QAM	1	0	21.55	21.56	21.47
20	64QAM	1	49	21.64	21.73	21.68
20	64QAM	1	99	21.35	21.45	21.38
20	64QAM	50	0	20.63	20.69	20.59
20	64QAM	50	24	20.58	20.65	20.60
20	64QAM	50	50	20.61	20.63	20.61
20	64QAM	100	0	20.60	20.66	20.56



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	23.28	23.34	23.16
15	QPSK	1	37	23.49	23.52	23.44
15	QPSK	1	74	23.22	23.23	23.22
15	QPSK	36	0	22.49	22.52	22.53
15	QPSK	36	20	22.47	22.47	22.44
15	QPSK	36	39	22.49	22.52	22.45
15	QPSK	75	0	22.44	22.47	22.54
15	16QAM	1	0	22.54	22.67	22.56
15	16QAM	1	37	22.74	22.76	22.70
15	16QAM	1	74	22.36	22.43	22.37
15	16QAM	36	0	21.38	21.51	21.50
15	16QAM	36	20	21.36	21.47	21.40
15	16QAM	36	39	21.40	21.47	21.42
15	16QAM	75	0	21.48	21.51	21.40
15	64QAM	1	0	21.45	21.47	21.40
15	64QAM	1	37	21.62	21.65	21.61
15	64QAM	1	74	21.28	21.37	21.32
15	64QAM	36	0	20.58	20.63	20.52
15	64QAM	36	20	20.50	20.63	20.55
15	64QAM	36	39	20.55	20.58	20.55
15	64QAM	75	0	20.54	20.62	20.46



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	23.22	23.33	23.17
10	QPSK	1	25	23.51	23.51	23.42
10	QPSK	1	49	23.22	23.28	23.19
10	QPSK	25	0	22.51	22.55	22.48
10	QPSK	25	12	22.40	22.56	22.48
10	QPSK	25	25	22.45	22.48	22.45
10	QPSK	50	0	22.49	22.52	22.53
10	16QAM	1	0	22.56	22.61	22.55
10	16QAM	1	25	22.72	22.72	22.65
10	16QAM	1	49	22.35	22.47	22.35
10	16QAM	25	0	21.40	21.56	21.46
10	16QAM	25	12	21.40	21.45	21.42
10	16QAM	25	25	21.39	21.42	21.33
10	16QAM	50	0	21.45	21.52	21.42
10	64QAM	1	0	21.46	21.51	21.38
10	64QAM	1	25	21.55	21.68	21.67
10	64QAM	1	49	21.28	21.38	21.33
10	64QAM	25	0	20.55	20.59	20.56
10	64QAM	25	12	20.57	20.60	20.55
10	64QAM	25	25	20.51	20.61	20.54
10	64QAM	50	0	20.57	20.59	20.52



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	23.26	23.34	23.24
5	QPSK	1	12	23.51	23.55	23.44
5	QPSK	1	24	23.21	23.27	23.20
5	QPSK	12	0	22.45	22.54	22.49
5	QPSK	12	7	22.48	22.55	22.51
5	QPSK	12	13	22.52	22.51	22.47
5	QPSK	25	0	22.44	22.53	22.53
5	16QAM	1	0	22.59	22.62	22.52
5	16QAM	1	12	22.76	22.74	22.66
5	16QAM	1	24	22.34	22.44	22.34
5	16QAM	12	0	21.39	21.50	21.46
5	16QAM	12	7	21.40	21.53	21.44
5	16QAM	12	13	21.38	21.49	21.34
5	16QAM	25	0	21.43	21.55	21.43
5	64QAM	1	0	21.49	21.47	21.44
5	64QAM	1	12	21.60	21.72	21.61
5	64QAM	1	24	21.32	21.37	21.32
5	64QAM	12	0	20.59	20.61	20.53
5	64QAM	12	7	20.54	20.63	20.52
5	64QAM	12	13	20.53	20.57	20.58
5	64QAM	25	0	20.55	20.58	20.53





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	23.26	23.29	23.22
3	QPSK	1	8	23.45	23.54	23.41
3	QPSK	1	14	23.25	23.30	23.18
3	QPSK	8	0	22.49	22.59	22.51
3	QPSK	8	4	22.42	22.56	22.47
3	QPSK	8	7	22.52	22.45	22.43
3	QPSK	15	0	22.44	22.50	22.47
3	16QAM	1	0	22.55	22.59	22.50
3	16QAM	1	8	22.71	22.76	22.71
3	16QAM	1	14	22.38	22.47	22.36
3	16QAM	8	0	21.39	21.57	21.45
3	16QAM	8	4	21.41	21.52	21.36
3	16QAM	8	7	21.37	21.48	21.36
3	16QAM	15	0	21.50	21.55	21.41
3	64QAM	1	0	21.50	21.52	21.43
3	64QAM	1	8	21.55	21.69	21.58
3	64QAM	1	14	21.28	21.44	21.34
3	64QAM	8	0	20.58	20.62	20.49
3	64QAM	8	4	20.56	20.64	20.51
3	64QAM	8	7	20.57	20.55	20.54
3	64QAM	15	0	20.56	20.65	20.50



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	23.29	23.29	23.18
1.4	QPSK	1	3	23.43	23.52	23.49
1.4	QPSK	1	5	23.24	23.26	23.17
1.4	QPSK	3	0	23.34	23.36	23.31
1.4	QPSK	3	1	23.26	23.37	23.27
1.4	QPSK	3	3	23.36	23.33	23.31
1.4	QPSK	6	0	22.44	22.50	22.45
1.4	16QAM	1	0	22.57	22.58	22.59
1.4	16QAM	1	3	22.68	22.79	22.65
1.4	16QAM	1	5	22.33	22.47	22.40
1.4	16QAM	3	0	22.23	22.39	22.29
1.4	16QAM	3	1	22.18	22.34	22.26
1.4	16QAM	3	3	22.20	22.28	22.17
1.4	16QAM	6	0	21.49	21.49	21.48
1.4	64QAM	1	0	21.51	21.54	21.45
1.4	64QAM	1	3	21.59	21.67	21.63
1.4	64QAM	1	5	21.31	21.37	21.29
1.4	64QAM	3	0	21.36	21.43	21.35
1.4	64QAM	3	1	21.36	21.40	21.33
1.4	64QAM	3	3	21.42	21.41	21.41
1.4	64QAM	6	0	20.57	20.61	20.49



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	23.28	23.35	23.30
20	QPSK	1	49	23.56	23.62	23.58
20	QPSK	1	99	23.33	23.34	23.24
20	QPSK	50	0	22.68	22.75	22.72
20	QPSK	50	24	22.66	22.68	22.60
20	QPSK	50	50	22.68	22.70	22.66
20	QPSK	100	0	22.70	22.71	22.66
20	16QAM	1	0	22.63	22.70	22.63
20	16QAM	1	49	22.78	22.85	22.83
20	16QAM	1	99	22.67	22.68	22.67
20	16QAM	50	0	21.63	21.64	21.63
20	16QAM	50	24	21.59	21.68	21.64
20	16QAM	50	50	21.70	21.75	21.66
20	16QAM	100	0	21.67	21.69	21.61
20	64QAM	1	0	21.56	21.65	21.64
20	64QAM	1	49	21.69	21.72	21.67
20	64QAM	1	99	21.48	21.58	21.57
20	64QAM	50	0	20.61	20.64	20.55
20	64QAM	50	24	20.63	20.67	20.64
20	64QAM	50	50	20.66	20.71	20.61
20	64QAM	100	0	20.67	20.68	20.66



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	23.22	23.26	23.29
15	QPSK	1	37	23.50	23.55	23.55
15	QPSK	1	74	23.32	23.26	23.20
15	QPSK	36	0	22.65	22.72	22.62
15	QPSK	36	20	22.60	22.66	22.51
15	QPSK	36	39	22.65	22.63	22.61
15	QPSK	75	0	22.62	22.70	22.56
15	16QAM	1	0	22.60	22.62	22.60
15	16QAM	1	37	22.70	22.76	22.82
15	16QAM	1	74	22.66	22.66	22.59
15	16QAM	36	0	21.62	21.56	21.60
15	16QAM	36	20	21.50	21.64	21.60
15	16QAM	36	39	21.66	21.65	21.59
15	16QAM	75	0	21.64	21.61	21.51
15	64QAM	1	0	21.52	21.58	21.57
15	64QAM	1	37	21.62	21.62	21.63
15	64QAM	1	74	21.45	21.55	21.56
15	64QAM	36	0	20.58	20.56	20.47
15	64QAM	36	20	20.59	20.62	20.63
15	64QAM	36	39	20.63	20.61	20.52
15	64QAM	75	0	20.60	20.61	20.57



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	23.21	23.31	23.24
10	QPSK	1	25	23.53	23.61	23.56
10	QPSK	1	49	23.24	23.25	23.23
10	QPSK	25	0	22.67	22.72	22.64
10	QPSK	25	12	22.65	22.58	22.54
10	QPSK	25	25	22.63	22.62	22.62
10	QPSK	50	0	22.69	22.67	22.60
10	16QAM	1	0	22.58	22.64	22.59
10	16QAM	1	25	22.74	22.80	22.80
10	16QAM	1	49	22.64	22.62	22.60
10	16QAM	25	0	21.54	21.55	21.62
10	16QAM	25	12	21.53	21.60	21.59
10	16QAM	25	25	21.62	21.69	21.65
10	16QAM	50	0	21.60	21.61	21.60
10	64QAM	1	0	21.46	21.56	21.60
10	64QAM	1	25	21.68	21.63	21.66
10	64QAM	1	49	21.45	21.48	21.47
10	64QAM	25	0	20.60	20.57	20.49
10	64QAM	25	12	20.59	20.64	20.63
10	64QAM	25	25	20.62	20.63	20.58
10	64QAM	50	0	20.64	20.64	20.63



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	23.18	23.28	23.28
5	QPSK	1	12	23.53	23.60	23.55
5	QPSK	1	24	23.31	23.28	23.23
5	QPSK	12	0	22.63	22.73	22.70
5	QPSK	12	7	22.58	22.66	22.52
5	QPSK	12	13	22.67	22.62	22.57
5	QPSK	25	0	22.61	22.65	22.64
5	16QAM	1	0	22.62	22.60	22.58
5	16QAM	1	12	22.68	22.75	22.73
5	16QAM	1	24	22.62	22.66	22.59
5	16QAM	12	0	21.60	21.55	21.58
5	16QAM	12	7	21.58	21.58	21.55
5	16QAM	12	13	21.60	21.69	21.64
5	16QAM	25	0	21.63	21.60	21.57
5	64QAM	1	0	21.50	21.58	21.62
5	64QAM	1	12	21.66	21.65	21.60
5	64QAM	1	24	21.38	21.57	21.53
5	64QAM	12	0	20.58	20.61	20.46
5	64QAM	12	7	20.58	20.59	20.54
5	64QAM	12	13	20.56	20.66	20.52
5	64QAM	25	0	20.57	20.65	20.62



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	23.27	23.26	23.22
3	QPSK	1	8	23.54	23.53	23.56
3	QPSK	1	14	23.23	23.33	23.21
3	QPSK	8	0	22.62	22.68	22.65
3	QPSK	8	4	22.60	22.59	22.55
3	QPSK	8	7	22.67	22.66	22.59
3	QPSK	15	0	22.67	22.68	22.65
3	16QAM	1	0	22.61	22.60	22.59
3	16QAM	1	8	22.72	22.82	22.76
3	16QAM	1	14	22.65	22.59	22.66
3	16QAM	8	0	21.56	21.54	21.61
3	16QAM	8	4	21.53	21.63	21.57
3	16QAM	8	7	21.64	21.74	21.60
3	16QAM	15	0	21.66	21.64	21.54
3	64QAM	1	0	21.51	21.60	21.59
3	64QAM	1	8	21.63	21.68	21.59
3	64QAM	1	14	21.41	21.56	21.55
3	64QAM	8	0	20.51	20.55	20.49
3	64QAM	8	4	20.62	20.60	20.62
3	64QAM	8	7	20.57	20.67	20.54
3	64QAM	15	0	20.58	20.61	20.59



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	23.18	23.27	23.23
1.4	QPSK	1	3	23.47	23.54	23.51
1.4	QPSK	1	5	23.26	23.31	23.21
1.4	QPSK	3	0	23.43	23.48	23.48
1.4	QPSK	3	1	23.44	23.43	23.40
1.4	QPSK	3	3	23.47	23.49	23.46
1.4	QPSK	6	0	22.66	22.64	22.63
1.4	16QAM	1	0	22.61	22.64	22.62
1.4	16QAM	1	3	22.71	22.78	22.75
1.4	16QAM	1	5	22.62	22.62	22.57
1.4	16QAM	3	0	22.44	22.46	22.42
1.4	16QAM	3	1	22.40	22.41	22.40
1.4	16QAM	3	3	22.52	22.57	22.41
1.4	16QAM	6	0	21.60	21.60	21.60
1.4	64QAM	1	0	21.55	21.59	21.60
1.4	64QAM	1	3	21.67	21.66	21.58
1.4	64QAM	1	5	21.38	21.49	21.50
1.4	64QAM	3	0	21.40	21.43	21.28
1.4	64QAM	3	1	21.37	21.48	21.42
1.4	64QAM	3	3	21.46	21.48	21.38
1.4	64QAM	6	0	20.62	20.60	20.64





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	23.40	23.45	23.42
10	QPSK	1	25	23.49	23.55	23.51
10	QPSK	1	49	23.32	23.37	23.28
10	QPSK	25	0	22.60	22.62	22.59
10	QPSK	25	12	22.45	22.53	22.47
10	QPSK	25	25	22.36	22.44	22.35
10	QPSK	50	0	22.42	22.50	22.42
10	16QAM	1	0	22.58	22.62	22.55
10	16QAM	1	25	22.77	22.85	22.83
10	16QAM	1	49	22.56	22.65	22.58
10	16QAM	25	0	21.65	21.66	21.60
10	16QAM	25	12	21.52	21.58	21.49
10	16QAM	25	25	21.44	21.50	21.49
10	16QAM	50	0	21.57	21.58	21.51
10	64QAM	1	0	21.67	21.69	21.63
10	64QAM	1	25	21.72	21.81	21.77
10	64QAM	1	49	21.59	21.65	21.58
10	64QAM	25	0	20.60	20.65	20.58
10	64QAM	25	12	20.43	20.53	20.49
10	64QAM	25	25	20.43	20.49	20.46
10	64QAM	50	0	20.55	20.56	20.51



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	23.32	23.43	23.41
5	QPSK	1	12	23.43	23.53	23.44
5	QPSK	1	24	23.28	23.34	23.19
5	QPSK	12	0	22.53	22.59	22.52
5	QPSK	12	7	22.36	22.44	22.40
5	QPSK	12	13	22.26	22.34	22.33
5	QPSK	25	0	22.36	22.41	22.32
5	16QAM	1	0	22.56	22.55	22.51
5	16QAM	1	12	22.71	22.77	22.75
5	16QAM	1	24	22.50	22.57	22.51
5	16QAM	12	0	21.64	21.61	21.54
5	16QAM	12	7	21.44	21.51	21.48
5	16QAM	12	13	21.36	21.42	21.47
5	16QAM	25	0	21.52	21.55	21.43
5	64QAM	1	0	21.59	21.62	21.62
5	64QAM	1	12	21.71	21.75	21.75
5	64QAM	1	24	21.51	21.60	21.57
5	64QAM	12	0	20.51	20.56	20.54
5	64QAM	12	7	20.40	20.50	20.48
5	64QAM	12	13	20.35	20.48	20.39
5	64QAM	25	0	20.48	20.52	20.49



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	23.32	23.40	23.38
3	QPSK	1	8	23.48	23.46	23.45
3	QPSK	1	14	23.24	23.34	23.20
3	QPSK	8	0	22.52	22.52	22.50
3	QPSK	8	4	22.43	22.45	22.41
3	QPSK	8	7	22.34	22.40	22.25
3	QPSK	15	0	22.36	22.49	22.38
3	16QAM	1	0	22.50	22.54	22.47
3	16QAM	1	8	22.68	22.80	22.81
3	16QAM	1	14	22.48	22.62	22.51
3	16QAM	8	0	21.60	21.62	21.59
3	16QAM	8	4	21.43	21.55	21.41
3	16QAM	8	7	21.39	21.46	21.48
3	16QAM	15	0	21.51	21.48	21.48
3	64QAM	1	0	21.61	21.66	21.60
3	64QAM	1	8	21.68	21.76	21.74
3	64QAM	1	14	21.51	21.61	21.54
3	64QAM	8	0	20.58	20.55	20.55
3	64QAM	8	4	20.37	20.50	20.44
3	64QAM	8	7	20.33	20.41	20.39
3	64QAM	15	0	20.53	20.47	20.43



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	23.37	23.43	23.37
1.4	QPSK	1	3	23.39	23.52	23.41
1.4	QPSK	1	5	23.26	23.27	23.24
1.4	QPSK	3	0	23.34	23.38	23.30
1.4	QPSK	3	1	23.16	23.28	23.24
1.4	QPSK	3	3	23.09	23.14	23.10
1.4	QPSK	6	0	22.34	22.42	22.36
1.4	16QAM	1	0	22.48	22.55	22.54
1.4	16QAM	1	3	22.70	22.81	22.76
1.4	16QAM	1	5	22.52	22.62	22.48
1.4	16QAM	3	0	22.37	22.45	22.35
1.4	16QAM	3	1	22.22	22.33	22.24
1.4	16QAM	3	3	22.16	22.26	22.27
1.4	16QAM	6	0	21.56	21.53	21.50
1.4	64QAM	1	0	21.58	21.59	21.55
1.4	64QAM	1	3	21.64	21.72	21.70
1.4	64QAM	1	5	21.58	21.59	21.49
1.4	64QAM	3	0	21.36	21.36	21.34
1.4	64QAM	3	1	21.22	21.25	21.23
1.4	64QAM	3	3	21.19	21.23	21.23
1.4	64QAM	6	0	20.54	20.54	20.43



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	23.18	23.24	23.22
10	QPSK	1	25	23.35	23.40	23.37
10	QPSK	1	49	23.23	23.26	23.24
10	QPSK	25	0	22.38	22.46	22.36
10	QPSK	25	12	22.33	22.40	22.34
10	QPSK	25	25	22.34	22.37	22.27
10	QPSK	50	0	22.26	22.28	22.20
10	16QAM	1	0	22.57	22.62	22.53
10	16QAM	1	25	22.72	22.76	22.72
10	16QAM	1	49	22.51	22.58	22.57
10	16QAM	25	0	21.43	21.47	21.37
10	16QAM	25	12	21.43	21.45	21.43
10	16QAM	25	25	21.38	21.42	21.40
10	16QAM	50	0	21.34	21.44	21.42
10	64QAM	1	0	21.37	21.45	21.37
10	64QAM	1	25	21.61	21.62	21.54
10	64QAM	1	49	21.43	21.48	21.38
10	64QAM	25	0	20.34	20.40	20.33
10	64QAM	25	12	20.34	20.43	20.37
10	64QAM	25	25	20.36	20.41	20.37
10	64QAM	50	0	20.30	20.40	20.39



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	23.14	23.16	23.16
5	QPSK	1	12	23.28	23.32	23.29
5	QPSK	1	24	23.15	23.23	23.17
5	QPSK	12	0	22.32	22.42	22.35
5	QPSK	12	7	22.31	22.39	22.30
5	QPSK	12	13	22.26	22.30	22.26
5	QPSK	25	0	22.17	22.18	22.10
5	16QAM	1	0	22.55	22.52	22.51
5	16QAM	1	12	22.63	22.70	22.67
5	16QAM	1	24	22.49	22.53	22.51
5	16QAM	12	0	21.38	21.40	21.28
5	16QAM	12	7	21.35	21.36	21.34
5	16QAM	12	13	21.32	21.38	21.36
5	16QAM	25	0	21.25	21.37	21.37
5	64QAM	1	0	21.34	21.38	21.27
5	64QAM	1	12	21.60	21.55	21.49
5	64QAM	1	24	21.34	21.41	21.36
5	64QAM	12	0	20.25	20.36	20.28
5	64QAM	12	7	20.27	20.41	20.34
5	64QAM	12	13	20.35	20.35	20.33
5	64QAM	25	0	20.26	20.38	20.35



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	23.09	23.17	23.13
3	QPSK	1	8	23.32	23.32	23.27
3	QPSK	1	14	23.18	23.19	23.16
3	QPSK	8	0	22.35	22.44	22.27
3	QPSK	8	4	22.31	22.32	22.27
3	QPSK	8	7	22.30	22.32	22.22
3	QPSK	15	0	22.17	22.26	22.13
3	16QAM	1	0	22.55	22.61	22.43
3	16QAM	1	8	22.62	22.67	22.62
3	16QAM	1	14	22.44	22.55	22.51
3	16QAM	8	0	21.33	21.42	21.31
3	16QAM	8	4	21.38	21.42	21.38
3	16QAM	8	7	21.35	21.41	21.35
3	16QAM	15	0	21.25	21.42	21.34
3	64QAM	1	0	21.32	21.41	21.36
3	64QAM	1	8	21.52	21.59	21.49
3	64QAM	1	14	21.38	21.47	21.28
3	64QAM	8	0	20.29	20.33	20.26
3	64QAM	8	4	20.26	20.35	20.29
3	64QAM	8	7	20.33	20.32	20.36
3	64QAM	15	0	20.27	20.35	20.34



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				23017	23095	23173
Frequency (MHz)				699.7	707.5	715.3
1.4	QPSK	1	0	23.08	23.21	23.14
1.4	QPSK	1	3	23.28	23.31	23.31
1.4	QPSK	1	5	23.19	23.24	23.15
1.4	QPSK	3	0	23.16	23.23	23.11
1.4	QPSK	3	1	23.06	23.11	23.11
1.4	QPSK	3	3	23.13	23.11	23.03
1.4	QPSK	6	0	22.20	22.18	22.15
1.4	16QAM	1	0	22.48	22.56	22.44
1.4	16QAM	1	3	22.65	22.73	22.64
1.4	16QAM	1	5	22.44	22.57	22.49
1.4	16QAM	3	0	22.15	22.24	22.09
1.4	16QAM	3	1	22.21	22.19	22.19
1.4	16QAM	3	3	22.17	22.13	22.11
1.4	16QAM	6	0	21.27	21.43	21.33
1.4	64QAM	1	0	21.35	21.42	21.32
1.4	64QAM	1	3	21.56	21.52	21.44
1.4	64QAM	1	5	21.39	21.43	21.32
1.4	64QAM	3	0	21.04	21.18	21.07
1.4	64QAM	3	1	21.11	21.13	21.09
1.4	64QAM	3	3	21.07	21.19	21.12
1.4	64QAM	6	0	20.28	20.30	20.33





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	23.21	23.24	23.22
10	QPSK	1	25	23.33	23.38	23.34
10	QPSK	1	49	23.21	23.25	23.21
10	QPSK	25	0	22.41	22.43	22.34
10	QPSK	25	12	22.36	22.38	22.32
10	QPSK	25	25	22.35	22.41	22.36
10	QPSK	50	0	22.35	22.40	22.30
10	16QAM	1	0	22.48	22.55	22.46
10	16QAM	1	25	22.62	22.72	22.63
10	16QAM	1	49	22.50	22.58	22.57
10	16QAM	25	0	21.39	21.45	21.42
10	16QAM	25	12	21.34	21.42	21.33
10	16QAM	25	25	21.40	21.43	21.37
10	16QAM	50	0	21.38	21.40	21.32
10	64QAM	1	0	21.40	21.42	21.36
10	64QAM	1	25	21.55	21.62	21.55
10	64QAM	1	49	21.40	21.43	21.40
10	64QAM	25	0	20.31	20.41	20.36
10	64QAM	25	12	20.33	20.38	20.34
10	64QAM	25	25	20.34	20.43	20.40
10	64QAM	50	0	20.38	20.39	20.29



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	23.18	23.16	23.17
5	QPSK	1	12	23.31	23.35	23.27
5	QPSK	1	24	23.15	23.17	23.17
5	QPSK	12	0	22.37	22.33	22.27
5	QPSK	12	7	22.28	22.34	22.22
5	QPSK	12	13	22.31	22.39	22.32
5	QPSK	25	0	22.30	22.39	22.29
5	16QAM	1	0	22.43	22.52	22.38
5	16QAM	1	12	22.52	22.66	22.62
5	16QAM	1	24	22.48	22.51	22.52
5	16QAM	12	0	21.29	21.43	21.33
5	16QAM	12	7	21.33	21.33	21.29
5	16QAM	12	13	21.39	21.34	21.32
5	16QAM	25	0	21.31	21.34	21.25
5	64QAM	1	0	21.31	21.39	21.35
5	64QAM	1	12	21.46	21.61	21.50
5	64QAM	1	24	21.38	21.42	21.37
5	64QAM	12	0	20.22	20.31	20.33
5	64QAM	12	7	20.23	20.34	20.32
5	64QAM	12	13	20.26	20.35	20.37
5	64QAM	25	0	20.35	20.30	20.20



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	23.32	23.35	23.26
20	QPSK	1	49	23.60	23.64	23.56
20	QPSK	1	99	23.22	23.28	23.24
20	QPSK	50	0	22.66	22.71	22.62
20	QPSK	50	24	22.58	22.63	22.60
20	QPSK	50	50	22.62	22.68	22.63
20	QPSK	100	0	22.60	22.62	22.59
20	16QAM	1	0	22.57	22.58	22.50
20	16QAM	1	49	22.89	22.93	22.89
20	16QAM	1	99	22.48	22.52	22.48
20	16QAM	50	0	21.67	21.69	21.62
20	16QAM	50	24	21.57	21.63	21.56
20	16QAM	50	50	21.60	21.67	21.63
20	16QAM	100	0	21.56	21.61	21.52
20	64QAM	1	0	20.85	20.95	20.94
20	64QAM	1	49	21.32	21.34	21.33
20	64QAM	1	99	20.89	20.92	20.86
20	64QAM	50	0	20.01	20.10	20.01
20	64QAM	50	24	20.06	20.11	20.01
20	64QAM	50	50	20.14	20.19	20.17
20	64QAM	100	0	20.08	20.15	20.10



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	23.28	23.31	23.17
15	QPSK	1	37	23.56	23.63	23.49
15	QPSK	1	74	23.15	23.22	23.18
15	QPSK	36	0	22.63	22.63	22.60
15	QPSK	36	20	22.49	22.55	22.57
15	QPSK	36	39	22.56	22.59	22.58
15	QPSK	75	0	22.56	22.52	22.53
15	16QAM	1	0	22.51	22.55	22.47
15	16QAM	1	37	22.79	22.85	22.86
15	16QAM	1	74	22.47	22.48	22.46
15	16QAM	36	0	21.65	21.60	21.57
15	16QAM	36	20	21.56	21.54	21.48
15	16QAM	36	39	21.57	21.62	21.57
15	16QAM	75	0	21.52	21.52	21.42
15	64QAM	1	0	20.84	20.88	20.92
15	64QAM	1	37	21.23	21.32	21.32
15	64QAM	1	74	20.79	20.85	20.82
15	64QAM	36	0	19.95	20.03	19.98
15	64QAM	36	20	19.98	20.10	19.98
15	64QAM	36	39	20.10	20.18	20.12
15	64QAM	75	0	20.02	20.07	20.06



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	23.23	23.30	23.20
10	QPSK	1	25	23.51	23.59	23.54
10	QPSK	1	49	23.18	23.18	23.20
10	QPSK	25	0	22.63	22.70	22.58
10	QPSK	25	12	22.53	22.59	22.54
10	QPSK	25	25	22.61	22.59	22.56
10	QPSK	50	0	22.55	22.56	22.50
10	16QAM	1	0	22.53	22.55	22.46
10	16QAM	1	25	22.79	22.90	22.83
10	16QAM	1	49	22.41	22.45	22.41
10	16QAM	25	0	21.64	21.65	21.57
10	16QAM	25	12	21.56	21.60	21.53
10	16QAM	25	25	21.57	21.63	21.58
10	16QAM	50	0	21.48	21.55	21.46
10	64QAM	1	0	20.80	20.87	20.85
10	64QAM	1	25	21.27	21.31	21.27
10	64QAM	1	49	20.80	20.84	20.78
10	64QAM	25	0	19.91	20.05	19.98
10	64QAM	25	12	20.05	20.08	19.91
10	64QAM	25	25	20.08	20.16	20.15
10	64QAM	50	0	20.07	20.14	20.01



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	23.25	23.34	23.21
5	QPSK	1	12	23.54	23.54	23.46
5	QPSK	1	24	23.12	23.18	23.23
5	QPSK	12	0	22.62	22.63	22.54
5	QPSK	12	7	22.55	22.58	22.54
5	QPSK	12	13	22.55	22.63	22.61
5	QPSK	25	0	22.54	22.56	22.58
5	16QAM	1	0	22.52	22.51	22.45
5	16QAM	1	12	22.86	22.90	22.86
5	16QAM	1	24	22.43	22.45	22.43
5	16QAM	12	0	21.65	21.68	21.53
5	16QAM	12	7	21.50	21.59	21.49
5	16QAM	12	13	21.50	21.64	21.61
5	16QAM	25	0	21.49	21.58	21.50
5	64QAM	1	0	20.82	20.92	20.85
5	64QAM	1	12	21.24	21.25	21.28
5	64QAM	1	24	20.87	20.91	20.81
5	64QAM	12	0	19.93	20.01	19.94
5	64QAM	12	7	19.97	20.04	19.92
5	64QAM	12	13	20.11	20.10	20.08
5	64QAM	25	0	20.04	20.10	20.01



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	23.28	23.26	23.16
3	QPSK	1	8	23.56	23.58	23.48
3	QPSK	1	14	23.19	23.23	23.17
3	QPSK	8	0	22.60	22.66	22.52
3	QPSK	8	4	22.54	22.59	22.54
3	QPSK	8	7	22.61	22.63	22.53
3	QPSK	15	0	22.51	22.58	22.50
3	16QAM	1	0	22.55	22.52	22.47
3	16QAM	1	8	22.79	22.86	22.84
3	16QAM	1	14	22.39	22.44	22.47
3	16QAM	8	0	21.63	21.61	21.55
3	16QAM	8	4	21.47	21.57	21.49
3	16QAM	8	7	21.52	21.66	21.55
3	16QAM	15	0	21.53	21.60	21.51
3	64QAM	1	0	20.85	20.93	20.90
3	64QAM	1	8	21.22	21.32	21.29
3	64QAM	1	14	20.84	20.90	20.84
3	64QAM	8	0	19.91	20.02	19.93
3	64QAM	8	4	20.02	20.04	19.96
3	64QAM	8	7	20.04	20.09	20.08
3	64QAM	15	0	20.03	20.05	20.08



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	23.22	23.27	23.19
1.4	QPSK	1	3	23.52	23.62	23.55
1.4	QPSK	1	5	23.16	23.20	23.15
1.4	QPSK	3	0	23.10	23.12	23.09
1.4	QPSK	3	1	23.22	23.30	23.29
1.4	QPSK	3	3	23.29	23.28	23.30
1.4	QPSK	6	0	22.51	22.56	22.57
1.4	16QAM	1	0	22.55	22.55	22.51
1.4	16QAM	1	3	22.88	22.92	22.82
1.4	16QAM	1	5	22.46	22.47	22.46
1.4	16QAM	3	0	22.28	22.33	22.28
1.4	16QAM	3	1	22.19	22.26	22.18
1.4	16QAM	3	3	22.20	22.27	22.29
1.4	16QAM	6	0	21.49	21.51	21.49
1.4	64QAM	1	0	20.83	20.88	20.93
1.4	64QAM	1	3	21.29	21.25	21.30
1.4	64QAM	1	5	20.88	20.87	20.85
1.4	64QAM	3	0	20.63	20.72	20.66
1.4	64QAM	3	1	20.69	20.71	20.67
1.4	64QAM	3	3	20.83	20.88	20.77
1.4	64QAM	6	0	20.05	20.12	20.03





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	23.15	23.09	23.05
15	QPSK	1	37	23.33	23.24	23.25
15	QPSK	1	74	22.96	22.90	22.92
15	QPSK	36	0	22.35	22.25	22.27
15	QPSK	36	20	22.34	22.28	22.27
15	QPSK	36	39	22.30	22.27	22.28
15	QPSK	75	0	22.31	22.26	22.22
15	16QAM	1	0	22.40	22.34	22.36
15	16QAM	1	37	22.65	22.57	22.61
15	16QAM	1	74	22.32	22.31	22.31
15	16QAM	36	0	21.35	21.32	21.33
15	16QAM	36	20	21.32	21.26	21.26
15	16QAM	36	39	21.28	21.22	21.26
15	16QAM	75	0	21.30	21.25	21.21
15	64QAM	1	0	21.38	21.31	21.35
15	64QAM	1	37	21.61	21.50	21.51
15	64QAM	1	74	21.30	21.26	21.29
15	64QAM	36	0	20.35	20.28	20.27
15	64QAM	36	20	20.32	20.28	20.28
15	64QAM	36	39	20.30	20.21	20.22
15	64QAM	75	0	20.31	20.25	20.22



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	23.00	22.93	23.04
10	QPSK	1	25	23.19	23.12	23.21
10	QPSK	1	49	22.77	22.71	22.82
10	QPSK	25	0	22.13	22.13	22.24
10	QPSK	25	12	22.12	22.19	22.21
10	QPSK	25	25	22.18	22.19	22.27
10	QPSK	50	0	22.16	22.08	22.18
10	16QAM	1	0	22.24	22.27	22.31
10	16QAM	1	25	22.56	22.57	22.60
10	16QAM	1	49	22.20	22.16	22.23
10	16QAM	25	0	21.20	21.25	21.30
10	16QAM	25	12	21.20	21.12	21.24
10	16QAM	25	25	21.06	21.15	21.16
10	16QAM	50	0	21.05	21.03	21.11
10	64QAM	1	0	21.25	21.29	21.30
10	64QAM	1	25	21.41	21.45	21.50
10	64QAM	1	49	21.07	21.12	21.19
10	64QAM	25	0	20.13	20.21	20.25
10	64QAM	25	12	20.17	20.13	20.23
10	64QAM	25	25	20.10	20.05	20.12
10	64QAM	50	0	20.05	20.00	20.12



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	23.00	22.93	23.04
5	QPSK	1	12	23.10	23.11	23.20
5	QPSK	1	24	22.82	22.83	22.87
5	QPSK	12	0	22.10	22.07	22.19
5	QPSK	12	7	22.07	22.12	22.17
5	QPSK	12	13	22.14	22.17	22.19
5	QPSK	25	0	22.10	22.11	22.19
5	16QAM	1	0	22.26	22.26	22.35
5	16QAM	1	12	22.48	22.46	22.55
5	16QAM	1	24	22.19	22.18	22.28
5	16QAM	12	0	21.14	21.25	21.26
5	16QAM	12	7	21.21	21.23	21.25
5	16QAM	12	13	21.12	21.14	21.18
5	16QAM	25	0	21.12	21.05	21.17
5	64QAM	1	0	21.20	21.17	21.25
5	64QAM	1	12	21.31	21.38	21.43
5	64QAM	1	24	21.13	21.12	21.24
5	64QAM	12	0	20.05	20.05	20.17
5	64QAM	12	7	20.17	20.23	20.24
5	64QAM	12	13	20.11	20.20	20.21
5	64QAM	25	0	20.08	20.08	20.13



LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26805	26915	27025
Frequency (MHz)				825.5	836.5	847.5
3	QPSK	1	0	22.90	22.99	23.00
3	QPSK	1	8	23.14	23.09	23.19
3	QPSK	1	14	22.77	22.81	22.82
3	QPSK	8	0	22.18	22.19	22.23
3	QPSK	8	4	22.13	22.15	22.19
3	QPSK	8	7	22.18	22.16	22.20
3	QPSK	15	0	22.08	22.10	22.18
3	16QAM	1	0	22.25	22.33	22.35
3	16QAM	1	8	22.48	22.45	22.51
3	16QAM	1	14	22.21	22.16	22.23
3	16QAM	8	0	21.23	21.21	21.27
3	16QAM	8	4	21.13	21.07	21.19
3	16QAM	8	7	21.13	21.22	21.24
3	16QAM	15	0	21.07	21.06	21.15
3	64QAM	1	0	21.27	21.26	21.32
3	64QAM	1	8	21.41	21.43	21.50
3	64QAM	1	14	21.23	21.19	21.27
3	64QAM	8	0	20.11	20.17	20.18
3	64QAM	8	4	20.08	20.10	20.19
3	64QAM	8	7	20.12	20.12	20.16
3	64QAM	15	0	20.05	20.02	20.14



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	22.92	22.85	22.95
1.4	QPSK	1	3	23.14	23.13	23.18
1.4	QPSK	1	5	22.80	22.78	22.84
1.4	QPSK	3	0	22.83	22.86	22.88
1.4	QPSK	3	1	22.92	22.90	22.96
1.4	QPSK	3	3	22.83	22.85	22.93
1.4	QPSK	6	0	22.02	22.05	22.13
1.4	16QAM	1	0	22.26	22.29	22.33
1.4	16QAM	1	3	22.52	22.51	22.60
1.4	16QAM	1	5	22.24	22.19	22.29
1.4	16QAM	3	0	21.97	21.87	21.99
1.4	16QAM	3	1	21.82	21.89	21.94
1.4	16QAM	3	3	21.90	21.87	21.91
1.4	16QAM	6	0	21.07	21.09	21.13
1.4	64QAM	1	0	21.32	21.26	21.33
1.4	64QAM	1	3	21.38	21.46	21.49
1.4	64QAM	1	5	21.17	21.17	21.22
1.4	64QAM	3	0	20.84	20.85	20.87
1.4	64QAM	3	1	20.80	20.83	20.90
1.4	64QAM	3	3	20.85	20.81	20.86
1.4	64QAM	6	0	20.02	20.12	20.13



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				40140	40640	41140
Frequency (MHz)				2545	2595	2645
20	QPSK	1	0	24.97	24.64	24.63
20	QPSK	1	49	24.92	25.25	24.96
20	QPSK	1	99	24.75	24.46	24.47
20	QPSK	50	0	24.00	24.27	24.01
20	QPSK	50	24	24.17	23.87	23.88
20	QPSK	50	50	24.12	23.86	23.82
20	QPSK	100	0	24.26	23.93	23.95
20	16QAM	1	0	23.87	23.61	23.52
20	16QAM	1	49	24.24	23.83	23.83
20	16QAM	1	99	23.86	23.55	23.55
20	16QAM	50	0	23.16	22.89	22.88
20	16QAM	50	24	23.20	22.84	22.87
20	16QAM	50	50	23.11	22.86	22.78
20	16QAM	100	0	23.20	22.88	22.88
20	64QAM	1	0	22.80	22.85	22.79
20	64QAM	1	49	23.10	23.18	23.17
20	64QAM	1	99	22.70	22.77	22.67
20	64QAM	50	0	22.04	22.13	22.09
20	64QAM	50	24	22.05	22.08	22.04
20	64QAM	50	50	22.02	22.10	22.03
20	64QAM	100	0	21.91	21.96	21.92



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				40115	40640	41165
Frequency (MHz)				2542.5	2595	2647.5
15	QPSK	1	0	24.91	24.62	24.54
15	QPSK	1	37	25.19	24.82	24.86
15	QPSK	1	74	24.73	24.40	24.43
15	QPSK	36	0	24.21	23.92	23.91
15	QPSK	36	20	24.19	23.79	23.87
15	QPSK	36	39	24.08	23.82	23.81
15	QPSK	75	0	24.21	23.84	23.94
15	16QAM	1	0	23.78	23.56	23.50
15	16QAM	1	37	24.17	23.73	23.76
15	16QAM	1	74	23.82	23.47	23.52
15	16QAM	36	0	23.12	22.85	22.83
15	16QAM	36	20	23.12	22.83	22.84
15	16QAM	36	39	23.02	22.78	22.68
15	16QAM	75	0	23.15	22.78	22.81
15	64QAM	1	0	22.78	22.83	22.78
15	64QAM	1	37	23.07	23.15	23.14
15	64QAM	1	74	22.66	22.76	22.65
15	64QAM	36	0	22.02	22.04	22.04
15	64QAM	36	20	22.01	22.06	21.95
15	64QAM	36	39	21.93	22.07	21.95
15	64QAM	75	0	21.81	21.94	21.83



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				40090	40640	41190
Frequency (MHz)				2540	2595	2650
10	QPSK	1	0	24.89	24.54	24.58
10	QPSK	1	25	25.21	24.85	24.91
10	QPSK	1	49	24.74	24.43	24.45
10	QPSK	25	0	24.17	23.95	23.93
10	QPSK	25	12	24.21	23.83	23.80
10	QPSK	25	25	24.02	23.78	23.77
10	QPSK	50	0	24.25	23.90	23.87
10	16QAM	1	0	23.85	23.57	23.50
10	16QAM	1	25	24.23	23.78	23.77
10	16QAM	1	49	23.83	23.46	23.50
10	16QAM	25	0	23.11	22.84	22.85
10	16QAM	25	12	23.11	22.76	22.81
10	16QAM	25	25	23.05	22.78	22.71
10	16QAM	50	0	23.13	22.82	22.85
10	64QAM	1	0	22.74	22.76	22.69
10	64QAM	1	25	23.04	23.17	23.14
10	64QAM	1	49	22.68	22.72	22.64
10	64QAM	25	0	22.02	22.09	22.03
10	64QAM	25	12	22.00	22.02	22.01
10	64QAM	25	25	21.95	22.06	21.96
10	64QAM	50	0	21.86	21.91	21.82





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				40065	40640	41215
Frequency (MHz)				2537.5	2595	2652.5
5	QPSK	1	0	24.88	24.55	24.60
5	QPSK	1	12	25.17	24.88	24.94
5	QPSK	1	24	24.74	24.39	24.44
5	QPSK	12	0	24.20	23.91	23.99
5	QPSK	12	7	24.20	23.78	23.87
5	QPSK	12	13	24.09	23.81	23.73
5	QPSK	25	0	24.23	23.86	23.87
5	16QAM	1	0	23.77	23.52	23.50
5	16QAM	1	12	24.18	23.82	23.73
5	16QAM	1	24	23.76	23.48	23.46
5	16QAM	12	0	23.13	22.81	22.78
5	16QAM	12	7	23.12	22.76	22.84
5	16QAM	12	13	23.04	22.77	22.69
5	16QAM	25	0	23.10	22.86	22.80
5	64QAM	1	0	22.75	22.78	22.75
5	64QAM	1	12	23.03	23.12	23.09
5	64QAM	1	24	22.62	22.76	22.66
5	64QAM	12	0	22.03	22.12	22.07
5	64QAM	12	7	21.98	22.04	21.98
5	64QAM	12	13	21.98	22.08	22.00
5	64QAM	25	0	21.86	21.89	21.91



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				40140	40640	41140
Frequency (MHz)				2545	2595	2645
20	QPSK	1	0	22.12	22.15	22.13
20	QPSK	1	49	22.44	22.49	22.41
20	QPSK	1	99	22.11	22.13	22.08
20	QPSK	50	0	21.25	21.41	21.19
20	QPSK	50	24	21.31	21.33	21.23
20	QPSK	50	50	21.26	21.31	21.26
20	QPSK	100	0	21.31	21.40	21.34
20	16QAM	1	0	21.26	21.36	21.27
20	16QAM	1	49	21.40	21.42	21.39
20	16QAM	1	99	21.24	21.34	21.33
20	16QAM	50	0	20.26	20.32	20.28
20	16QAM	50	24	20.28	20.37	20.34
20	16QAM	50	50	20.24	20.34	20.31
20	16QAM	100	0	20.33	20.37	20.34
20	64QAM	1	0	20.28	20.39	20.29
20	64QAM	1	49	20.41	20.46	20.48
20	64QAM	1	99	20.31	20.40	20.41
20	64QAM	50	0	19.31	19.33	19.31
20	64QAM	50	24	19.35	19.44	19.44
20	64QAM	50	50	19.32	19.36	19.35
20	64QAM	100	0	19.38	19.44	19.42



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				40115	40640	41165
Frequency (MHz)				2542.5	2595	2647.5
15	QPSK	1	0	22.02	22.09	22.10
15	QPSK	1	37	22.35	22.44	22.38
15	QPSK	1	74	22.04	22.09	21.98
15	QPSK	36	0	21.22	21.22	21.10
15	QPSK	36	20	21.29	21.30	21.19
15	QPSK	36	39	21.24	21.27	21.24
15	QPSK	75	0	21.28	21.37	21.24
15	16QAM	1	0	21.17	21.31	21.21
15	16QAM	1	37	21.38	21.32	21.37
15	16QAM	1	74	21.16	21.30	21.29
15	16QAM	36	0	20.23	20.25	20.27
15	16QAM	36	20	20.26	20.27	20.30
15	16QAM	36	39	20.15	20.26	20.30
15	16QAM	75	0	20.27	20.36	20.24
15	64QAM	1	0	20.35	20.41	20.35
15	64QAM	1	37	20.47	20.48	20.44
15	64QAM	1	74	20.31	20.38	20.36
15	64QAM	36	0	19.29	19.35	19.31
15	64QAM	36	20	19.35	19.45	19.44
15	64QAM	36	39	19.34	19.43	19.40
15	64QAM	75	0	19.37	19.44	19.39



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				40090	40640	41190
Frequency (MHz)				2540	2595	2650
10	QPSK	1	0	22.10	22.09	22.11
10	QPSK	1	25	22.37	22.44	22.36
10	QPSK	1	49	22.10	22.03	22.07
10	QPSK	25	0	21.19	21.27	21.13
10	QPSK	25	12	21.29	21.25	21.14
10	QPSK	25	25	21.21	21.28	21.17
10	QPSK	50	0	21.23	21.34	21.26
10	16QAM	1	0	21.21	21.29	21.25
10	16QAM	1	25	21.32	21.36	21.34
10	16QAM	1	49	21.22	21.31	21.28
10	16QAM	25	0	20.24	20.27	20.20
10	16QAM	25	12	20.27	20.27	20.25
10	16QAM	25	25	20.14	20.27	20.27
10	16QAM	50	0	20.27	20.29	20.32
10	64QAM	1	0	20.30	20.44	20.37
10	64QAM	1	25	20.44	20.51	20.46
10	64QAM	1	49	20.31	20.36	20.36
10	64QAM	25	0	19.29	19.34	19.34
10	64QAM	25	12	19.34	19.42	19.41
10	64QAM	25	25	19.25	19.39	19.33
10	64QAM	50	0	19.39	19.41	19.36



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				40065	40640	41215
Frequency (MHz)				2537.5	2595	2652.5
5	QPSK	1	0	22.02	22.05	22.08
5	QPSK	1	12	22.34	22.48	22.33
5	QPSK	1	24	22.02	22.10	22.07
5	QPSK	12	0	21.20	21.26	21.09
5	QPSK	12	7	21.28	21.26	21.15
5	QPSK	12	13	21.19	21.24	21.20
5	QPSK	25	0	21.27	21.36	21.27
5	16QAM	1	0	21.17	21.30	21.19
5	16QAM	1	12	21.36	21.41	21.29
5	16QAM	1	24	21.17	21.30	21.30
5	16QAM	12	0	20.17	20.28	20.24
5	16QAM	12	7	20.24	20.30	20.33
5	16QAM	12	13	20.19	20.24	20.26
5	16QAM	25	0	20.28	20.32	20.32
5	64QAM	1	0	20.30	20.42	20.29
5	64QAM	1	12	20.46	20.45	20.48
5	64QAM	1	24	20.32	20.39	20.35
5	64QAM	12	0	19.32	19.42	19.29
5	64QAM	12	7	19.38	19.45	19.44
5	64QAM	12	13	19.31	19.36	19.38
5	64QAM	25	0	19.43	19.47	19.36



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	23.43	23.48	23.45
20	QPSK	1	49	23.68	23.72	23.66
20	QPSK	1	99	23.33	23.40	23.36
20	QPSK	50	0	22.85	22.88	22.79
20	QPSK	50	24	22.74	22.84	22.83
20	QPSK	50	50	22.75	22.82	22.81
20	QPSK	100	0	22.75	22.80	22.71
20	16QAM	1	0	22.70	22.76	22.71
20	16QAM	1	49	23.01	23.05	23.01
20	16QAM	1	99	22.60	22.65	22.56
20	16QAM	50	0	21.78	21.82	21.72
20	16QAM	50	24	21.76	21.80	21.73
20	16QAM	50	50	21.75	21.80	21.71
20	16QAM	100	0	21.69	21.77	21.75
20	64QAM	1	0	21.65	21.68	21.58
20	64QAM	1	49	21.97	21.98	21.95
20	64QAM	1	99	21.54	21.61	21.53
20	64QAM	50	0	20.80	20.81	20.75
20	64QAM	50	24	20.69	20.79	20.71
20	64QAM	50	50	20.75	20.77	20.69
20	64QAM	100	0	20.71	20.75	20.71



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	23.35	23.42	23.39
15	QPSK	1	37	23.64	23.62	23.61
15	QPSK	1	74	23.29	23.39	23.27
15	QPSK	36	0	22.81	22.80	22.74
15	QPSK	36	20	22.73	22.78	22.73
15	QPSK	36	39	22.72	22.75	22.73
15	QPSK	75	0	22.68	22.71	22.67
15	16QAM	1	0	22.68	22.71	22.62
15	16QAM	1	37	22.96	23.01	22.97
15	16QAM	1	74	22.51	22.62	22.52
15	16QAM	36	0	21.76	21.76	21.65
15	16QAM	36	20	21.70	21.76	21.68
15	16QAM	36	39	21.74	21.71	21.62
15	16QAM	75	0	21.66	21.69	21.73
15	64QAM	1	0	21.63	21.61	21.57
15	64QAM	1	37	21.88	21.97	21.88
15	64QAM	1	74	21.53	21.59	21.50
15	64QAM	36	0	20.79	20.73	20.68
15	64QAM	36	20	20.65	20.74	20.69
15	64QAM	36	39	20.71	20.67	20.60
15	64QAM	75	0	20.64	20.67	20.62



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	23.34	23.47	23.40
10	QPSK	1	25	23.63	23.69	23.58
10	QPSK	1	49	23.31	23.30	23.31
10	QPSK	25	0	22.77	22.87	22.75
10	QPSK	25	12	22.71	22.78	22.81
10	QPSK	25	25	22.65	22.73	22.75
10	QPSK	50	0	22.74	22.73	22.64
10	16QAM	1	0	22.66	22.70	22.68
10	16QAM	1	25	22.97	22.98	22.92
10	16QAM	1	49	22.52	22.59	22.50
10	16QAM	25	0	21.77	21.72	21.66
10	16QAM	25	12	21.66	21.76	21.63
10	16QAM	25	25	21.69	21.73	21.70
10	16QAM	50	0	21.64	21.67	21.68
10	64QAM	1	0	21.58	21.59	21.54
10	64QAM	1	25	21.88	21.89	21.91
10	64QAM	1	49	21.48	21.55	21.45
10	64QAM	25	0	20.75	20.77	20.74
10	64QAM	25	12	20.59	20.73	20.68
10	64QAM	25	25	20.68	20.72	20.65
10	64QAM	50	0	20.63	20.66	20.69





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	23.41	23.44	23.37
5	QPSK	1	12	23.66	23.62	23.57
5	QPSK	1	24	23.32	23.31	23.31
5	QPSK	12	0	22.82	22.79	22.75
5	QPSK	12	7	22.71	22.76	22.81
5	QPSK	12	13	22.74	22.80	22.72
5	QPSK	25	0	22.70	22.77	22.64
5	16QAM	1	0	22.61	22.71	22.70
5	16QAM	1	12	22.94	22.95	22.99
5	16QAM	1	24	22.53	22.60	22.55
5	16QAM	12	0	21.72	21.76	21.71
5	16QAM	12	7	21.73	21.74	21.67
5	16QAM	12	13	21.68	21.76	21.62
5	16QAM	25	0	21.68	21.72	21.69
5	64QAM	1	0	21.55	21.64	21.55
5	64QAM	1	12	21.95	21.90	21.87
5	64QAM	1	24	21.48	21.60	21.49
5	64QAM	12	0	20.78	20.80	20.72
5	64QAM	12	7	20.64	20.72	20.69
5	64QAM	12	13	20.67	20.68	20.64
5	64QAM	25	0	20.69	20.67	20.70



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				131987	132322	132657
Frequency (MHz)				1711.5	1745	1778.5
3	QPSK	1	0	23.40	23.43	23.44
3	QPSK	1	8	23.60	23.70	23.63
3	QPSK	1	14	23.25	23.34	23.32
3	QPSK	8	0	22.78	22.84	22.74
3	QPSK	8	4	22.69	22.76	22.75
3	QPSK	8	7	22.69	22.79	22.78
3	QPSK	15	0	22.65	22.70	22.66
3	16QAM	1	0	22.63	22.74	22.65
3	16QAM	1	8	22.99	23.03	22.98
3	16QAM	1	14	22.55	22.56	22.52
3	16QAM	8	0	21.76	21.80	21.64
3	16QAM	8	4	21.73	21.75	21.64
3	16QAM	8	7	21.68	21.79	21.61
3	16QAM	15	0	21.63	21.73	21.72
3	64QAM	1	0	21.60	21.62	21.51
3	64QAM	1	8	21.96	21.92	21.93
3	64QAM	1	14	21.46	21.59	21.45
3	64QAM	8	0	20.78	20.80	20.68
3	64QAM	8	4	20.62	20.75	20.69
3	64QAM	8	7	20.69	20.70	20.68
3	64QAM	15	0	20.70	20.70	20.65



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				131979	132322	132665
Frequency (MHz)				1710.7	1745	1779.3
1.4	QPSK	1	0	23.42	23.45	23.36
1.4	QPSK	1	3	23.60	23.64	23.65
1.4	QPSK	1	5	23.24	23.30	23.31
1.4	QPSK	3	0	23.38	23.36	23.32
1.4	QPSK	3	1	23.24	23.31	23.30
1.4	QPSK	3	3	23.28	23.35	23.34
1.4	QPSK	6	0	22.65	22.70	22.65
1.4	16QAM	1	0	22.67	22.69	22.66
1.4	16QAM	1	3	22.92	22.96	22.92
1.4	16QAM	1	5	22.58	22.61	22.52
1.4	16QAM	3	0	22.32	22.27	22.20
1.4	16QAM	3	1	22.25	22.34	22.27
1.4	16QAM	3	3	22.25	22.32	22.23
1.4	16QAM	6	0	21.67	21.72	21.66
1.4	64QAM	1	0	21.57	21.65	21.51
1.4	64QAM	1	3	21.96	21.91	21.94
1.4	64QAM	1	5	21.45	21.58	21.44
1.4	64QAM	3	0	21.33	21.34	21.29
1.4	64QAM	3	1	21.19	21.30	21.25
1.4	64QAM	3	3	21.25	21.24	21.15
1.4	64QAM	6	0	20.62	20.74	20.61



LTE Band 71						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				133222	133322	133372
Frequency (MHz)				673	683	688
20	QPSK	1	0	23.18	23.20	23.15
20	QPSK	1	49	23.52	23.57	23.50
20	QPSK	1	99	23.22	23.29	23.22
20	QPSK	50	0	22.61	22.65	22.55
20	QPSK	50	24	22.55	22.59	22.55
20	QPSK	50	50	22.57	22.60	22.52
20	QPSK	100	0	22.60	22.63	22.55
20	16QAM	1	0	22.43	22.52	22.51
20	16QAM	1	49	22.84	22.85	22.79
20	16QAM	1	99	22.50	22.56	22.47
20	16QAM	50	0	21.53	21.63	21.62
20	16QAM	50	24	21.56	21.59	21.51
20	16QAM	50	50	21.63	21.65	21.56
20	16QAM	100	0	21.61	21.64	21.61
20	64QAM	1	0	21.34	21.35	21.32
20	64QAM	1	49	21.58	21.68	21.62
20	64QAM	1	99	21.40	21.44	21.39
20	64QAM	50	0	20.53	20.61	20.51
20	64QAM	50	24	20.52	20.57	20.56
20	64QAM	50	50	20.49	20.55	20.50
20	64QAM	100	0	20.58	20.60	20.50



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	23.14	23.18	23.11
15	QPSK	1	37	23.43	23.48	23.48
15	QPSK	1	74	23.16	23.24	23.21
15	QPSK	36	0	22.53	22.63	22.52
15	QPSK	36	20	22.51	22.49	22.48
15	QPSK	36	39	22.55	22.52	22.43
15	QPSK	75	0	22.55	22.55	22.45
15	16QAM	1	0	22.40	22.44	22.49
15	16QAM	1	37	22.83	22.77	22.71
15	16QAM	1	74	22.46	22.51	22.40
15	16QAM	36	0	21.47	21.62	21.57
15	16QAM	36	20	21.48	21.50	21.41
15	16QAM	36	39	21.62	21.56	21.54
15	16QAM	75	0	21.53	21.61	21.60
15	64QAM	1	0	21.25	21.31	21.31
15	64QAM	1	37	21.50	21.66	21.54
15	64QAM	1	74	21.38	21.36	21.33
15	64QAM	36	0	20.50	20.53	20.41
15	64QAM	36	20	20.50	20.55	20.47
15	64QAM	36	39	20.41	20.47	20.49
15	64QAM	75	0	20.50	20.55	20.45



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	23.17	23.10	23.05
10	QPSK	1	25	23.46	23.52	23.40
10	QPSK	1	49	23.20	23.28	23.12
10	QPSK	25	0	22.55	22.62	22.48
10	QPSK	25	12	22.50	22.54	22.50
10	QPSK	25	25	22.52	22.56	22.47
10	QPSK	50	0	22.59	22.62	22.48
10	16QAM	1	0	22.40	22.46	22.42
10	16QAM	1	25	22.80	22.84	22.73
10	16QAM	1	49	22.48	22.52	22.40
10	16QAM	25	0	21.43	21.54	21.59
10	16QAM	25	12	21.54	21.53	21.46
10	16QAM	25	25	21.59	21.58	21.52
10	16QAM	50	0	21.55	21.54	21.55
10	64QAM	1	0	21.31	21.29	21.25
10	64QAM	1	25	21.53	21.65	21.53
10	64QAM	1	49	21.38	21.42	21.32
10	64QAM	25	0	20.50	20.51	20.46
10	64QAM	25	12	20.46	20.56	20.48
10	64QAM	25	25	20.48	20.49	20.48
10	64QAM	50	0	20.56	20.55	20.42



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	23.13	23.18	23.14
5	QPSK	1	12	23.42	23.56	23.48
5	QPSK	1	24	23.20	23.27	23.16
5	QPSK	12	0	22.56	22.58	22.52
5	QPSK	12	7	22.48	22.58	22.52
5	QPSK	12	13	22.55	22.56	22.48
5	QPSK	25	0	22.50	22.53	22.53
5	16QAM	1	0	22.33	22.50	22.41
5	16QAM	1	12	22.75	22.82	22.78
5	16QAM	1	24	22.47	22.49	22.37
5	16QAM	12	0	21.43	21.56	21.60
5	16QAM	12	7	21.54	21.49	21.50
5	16QAM	12	13	21.61	21.63	21.48
5	16QAM	25	0	21.60	21.62	21.57
5	64QAM	1	0	21.32	21.29	21.29
5	64QAM	1	12	21.57	21.64	21.56
5	64QAM	1	24	21.34	21.42	21.30
5	64QAM	12	0	20.52	20.59	20.44
5	64QAM	12	7	20.44	20.54	20.51
5	64QAM	12	13	20.43	20.46	20.43
5	64QAM	25	0	20.51	20.50	20.43



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

LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18700		18900		19100	
Frequency (MHz)				1860		1880		1900	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	21.42	0.139	21.45	0.140	21.36	0.137
20	QPSK	1	49	21.62	0.145	21.67	0.147	21.60	0.145
20	QPSK	1	99	21.38	0.137	21.41	0.138	21.35	0.136
20	QPSK	50	0	20.64	0.116	20.71	0.118	20.68	0.117
20	QPSK	50	24	20.60	0.115	20.67	0.117	20.63	0.116
20	QPSK	50	50	20.64	0.116	20.65	0.116	20.60	0.115
20	QPSK	100	0	20.64	0.116	20.66	0.116	20.65	0.116
20	16QAM	1	0	20.71	0.118	20.78	0.120	20.70	0.117
20	16QAM	1	49	20.88	0.122	20.92	0.124	20.85	0.122
20	16QAM	1	99	20.52	0.113	20.62	0.115	20.54	0.113
20	16QAM	50	0	19.58	0.091	19.68	0.093	19.61	0.091
20	16QAM	50	24	19.55	0.090	19.65	0.092	19.55	0.090
20	16QAM	50	50	19.53	0.090	19.62	0.092	19.53	0.090
20	16QAM	100	0	19.63	0.092	19.67	0.093	19.59	0.091
20	64QAM	1	0	19.65	0.092	19.66	0.092	19.57	0.091
20	64QAM	1	49	19.74	0.094	19.83	0.096	19.78	0.095
20	64QAM	1	99	19.45	0.088	19.55	0.090	19.48	0.089
20	64QAM	50	0	18.73	0.075	18.79	0.076	18.69	0.074
20	64QAM	50	24	18.68	0.074	18.75	0.075	18.70	0.074
20	64QAM	50	50	18.71	0.074	18.73	0.075	18.71	0.074
20	64QAM	100	0	18.70	0.074	18.76	0.075	18.66	0.073





LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18675		18900		19125	
Frequency (MHz)				1857.5		1880		1902.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	21.38	0.137	21.44	0.139	21.26	0.134
15	QPSK	1	37	21.59	0.144	21.62	0.145	21.54	0.143
15	QPSK	1	74	21.32	0.136	21.33	0.136	21.32	0.136
15	QPSK	36	0	20.59	0.115	20.62	0.115	20.63	0.116
15	QPSK	36	20	20.57	0.114	20.57	0.114	20.54	0.113
15	QPSK	36	39	20.59	0.115	20.62	0.115	20.55	0.114
15	QPSK	75	0	20.54	0.113	20.57	0.114	20.64	0.116
15	16QAM	1	0	20.64	0.116	20.77	0.119	20.66	0.116
15	16QAM	1	37	20.84	0.121	20.86	0.122	20.80	0.120
15	16QAM	1	74	20.46	0.111	20.53	0.113	20.47	0.111
15	16QAM	36	0	19.48	0.089	19.61	0.091	19.60	0.091
15	16QAM	36	20	19.46	0.088	19.57	0.091	19.50	0.089
15	16QAM	36	39	19.50	0.089	19.57	0.091	19.52	0.090
15	16QAM	75	0	19.58	0.091	19.61	0.091	19.50	0.089
15	64QAM	1	0	19.55	0.090	19.57	0.091	19.50	0.089
15	64QAM	1	37	19.72	0.094	19.75	0.094	19.71	0.094
15	64QAM	1	74	19.38	0.087	19.47	0.089	19.42	0.087
15	64QAM	36	0	18.68	0.074	18.73	0.075	18.62	0.073
15	64QAM	36	20	18.60	0.072	18.73	0.075	18.65	0.073
15	64QAM	36	39	18.65	0.073	18.68	0.074	18.65	0.073
15	64QAM	75	0	18.64	0.073	18.72	0.074	18.56	0.072



LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18650		18900		19150	
Frequency (MHz)				1855		1880		1905	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	21.32	0.136	21.43	0.139	21.27	0.134
10	QPSK	1	25	21.61	0.145	21.61	0.145	21.52	0.142
10	QPSK	1	49	21.32	0.136	21.38	0.137	21.29	0.135
10	QPSK	25	0	20.61	0.115	20.65	0.116	20.58	0.114
10	QPSK	25	12	20.50	0.112	20.66	0.116	20.58	0.114
10	QPSK	25	25	20.55	0.114	20.58	0.114	20.55	0.114
10	QPSK	50	0	20.59	0.115	20.62	0.115	20.63	0.116
10	16QAM	1	0	20.66	0.116	20.71	0.118	20.65	0.116
10	16QAM	1	25	20.82	0.121	20.82	0.121	20.75	0.119
10	16QAM	1	49	20.45	0.111	20.57	0.114	20.45	0.111
10	16QAM	25	0	19.50	0.089	19.66	0.092	19.56	0.090
10	16QAM	25	12	19.50	0.089	19.55	0.090	19.52	0.090
10	16QAM	25	25	19.49	0.089	19.52	0.090	19.43	0.088
10	16QAM	50	0	19.55	0.090	19.62	0.092	19.52	0.090
10	64QAM	1	0	19.56	0.090	19.61	0.091	19.48	0.089
10	64QAM	1	25	19.65	0.092	19.78	0.095	19.77	0.095
10	64QAM	1	49	19.38	0.087	19.48	0.089	19.43	0.088
10	64QAM	25	0	18.65	0.073	18.69	0.074	18.66	0.073
10	64QAM	25	12	18.67	0.074	18.70	0.074	18.65	0.073
10	64QAM	25	25	18.61	0.073	18.71	0.074	18.64	0.073
10	64QAM	50	0	18.67	0.074	18.69	0.074	18.62	0.073



LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18625		18900		19175	
Frequency (MHz)				1852.5		1880		1907.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	21.36	0.137	21.44	0.139	21.34	0.136
5	QPSK	1	12	21.61	0.145	21.65	0.146	21.54	0.143
5	QPSK	1	24	21.31	0.135	21.37	0.137	21.30	0.135
5	QPSK	12	0	20.55	0.114	20.64	0.116	20.59	0.115
5	QPSK	12	7	20.58	0.114	20.65	0.116	20.61	0.115
5	QPSK	12	13	20.62	0.115	20.61	0.115	20.57	0.114
5	QPSK	25	0	20.54	0.113	20.63	0.116	20.63	0.116
5	16QAM	1	0	20.69	0.117	20.72	0.118	20.62	0.115
5	16QAM	1	12	20.86	0.122	20.84	0.121	20.76	0.119
5	16QAM	1	24	20.44	0.111	20.54	0.113	20.44	0.111
5	16QAM	12	0	19.49	0.089	19.60	0.091	19.56	0.090
5	16QAM	12	7	19.50	0.089	19.63	0.092	19.54	0.090
5	16QAM	12	13	19.48	0.089	19.59	0.091	19.44	0.088
5	16QAM	25	0	19.53	0.090	19.65	0.092	19.53	0.090
5	64QAM	1	0	19.59	0.091	19.57	0.091	19.54	0.090
5	64QAM	1	12	19.70	0.093	19.82	0.096	19.71	0.094
5	64QAM	1	24	19.42	0.087	19.47	0.089	19.42	0.087
5	64QAM	12	0	18.69	0.074	18.71	0.074	18.63	0.073
5	64QAM	12	7	18.64	0.073	18.73	0.075	18.62	0.073
5	64QAM	12	13	18.63	0.073	18.67	0.074	18.68	0.074
5	64QAM	25	0	18.65	0.073	18.68	0.074	18.63	0.073



LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18615		18900		19185	
Frequency (MHz)				1851.5		1880		1908.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	21.36	0.137	21.39	0.138	21.32	0.136
3	QPSK	1	8	21.55	0.143	21.64	0.146	21.51	0.142
3	QPSK	1	14	21.35	0.136	21.40	0.138	21.28	0.134
3	QPSK	8	0	20.59	0.115	20.69	0.117	20.61	0.115
3	QPSK	8	4	20.52	0.113	20.66	0.116	20.57	0.114
3	QPSK	8	7	20.62	0.115	20.55	0.114	20.53	0.113
3	QPSK	15	0	20.54	0.113	20.60	0.115	20.57	0.114
3	16QAM	1	0	20.65	0.116	20.69	0.117	20.60	0.115
3	16QAM	1	8	20.81	0.121	20.86	0.122	20.81	0.121
3	16QAM	1	14	20.48	0.112	20.57	0.114	20.46	0.111
3	16QAM	8	0	19.49	0.089	19.67	0.093	19.55	0.090
3	16QAM	8	4	19.51	0.089	19.62	0.092	19.46	0.088
3	16QAM	8	7	19.47	0.089	19.58	0.091	19.46	0.088
3	16QAM	15	0	19.60	0.091	19.65	0.092	19.51	0.089
3	64QAM	1	0	19.60	0.091	19.62	0.092	19.53	0.090
3	64QAM	1	8	19.65	0.092	19.79	0.095	19.68	0.093
3	64QAM	1	14	19.38	0.087	19.54	0.090	19.44	0.088
3	64QAM	8	0	18.68	0.074	18.72	0.074	18.59	0.072
3	64QAM	8	4	18.66	0.073	18.74	0.075	18.61	0.073
3	64QAM	8	7	18.67	0.074	18.65	0.073	18.64	0.073
3	64QAM	15	0	18.66	0.073	18.75	0.075	18.60	0.072



LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18607		18900		19193	
Frequency (MHz)				1850.7		1880		1909.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	21.39	0.138	21.39	0.138	21.28	0.134
1.4	QPSK	1	3	21.53	0.142	21.62	0.145	21.59	0.144
1.4	QPSK	1	5	21.34	0.136	21.36	0.137	21.27	0.134
1.4	QPSK	3	0	21.44	0.139	21.46	0.140	21.41	0.138
1.4	QPSK	3	1	21.36	0.137	21.47	0.140	21.37	0.137
1.4	QPSK	3	3	21.46	0.140	21.43	0.139	21.41	0.138
1.4	QPSK	6	0	20.54	0.113	20.60	0.115	20.55	0.114
1.4	16QAM	1	0	20.67	0.117	20.68	0.117	20.69	0.117
1.4	16QAM	1	3	20.78	0.120	20.89	0.123	20.75	0.119
1.4	16QAM	1	5	20.43	0.110	20.57	0.114	20.50	0.112
1.4	16QAM	3	0	20.33	0.108	20.49	0.112	20.39	0.109
1.4	16QAM	3	1	20.28	0.107	20.44	0.111	20.36	0.109
1.4	16QAM	3	3	20.30	0.107	20.38	0.109	20.27	0.106
1.4	16QAM	6	0	19.59	0.091	19.59	0.091	19.58	0.091
1.4	64QAM	1	0	19.61	0.091	19.64	0.092	19.55	0.090
1.4	64QAM	1	3	19.69	0.093	19.77	0.095	19.73	0.094
1.4	64QAM	1	5	19.41	0.087	19.47	0.089	19.39	0.087
1.4	64QAM	3	0	19.46	0.088	19.53	0.090	19.45	0.088
1.4	64QAM	3	1	19.46	0.088	19.50	0.089	19.43	0.088
1.4	64QAM	3	3	19.52	0.090	19.51	0.089	19.51	0.089
1.4	64QAM	6	0	18.67	0.074	18.71	0.074	18.59	0.072



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20050		20175		20300	
Frequency (MHz)				1720		1732.5		1745	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	21.78	0.151	21.85	0.153	21.80	0.151
20	QPSK	1	49	22.06	0.161	22.12	0.163	22.08	0.161
20	QPSK	1	99	21.83	0.152	21.84	0.153	21.74	0.149
20	QPSK	50	0	21.18	0.131	21.25	0.133	21.22	0.132
20	QPSK	50	24	21.16	0.131	21.18	0.131	21.10	0.129
20	QPSK	50	50	21.18	0.131	21.20	0.132	21.16	0.131
20	QPSK	100	0	21.20	0.132	21.21	0.132	21.16	0.131
20	16QAM	1	0	21.13	0.130	21.20	0.132	21.13	0.130
20	16QAM	1	49	21.28	0.134	21.35	0.136	21.33	0.136
20	16QAM	1	99	21.17	0.131	21.18	0.131	21.17	0.131
20	16QAM	50	0	20.13	0.103	20.14	0.103	20.13	0.103
20	16QAM	50	24	20.09	0.102	20.18	0.104	20.14	0.103
20	16QAM	50	50	20.20	0.105	20.25	0.106	20.16	0.104
20	16QAM	100	0	20.17	0.104	20.19	0.104	20.11	0.103
20	64QAM	1	0	20.06	0.101	20.15	0.104	20.14	0.103
20	64QAM	1	49	20.19	0.104	20.22	0.105	20.17	0.104
20	64QAM	1	99	19.98	0.100	20.08	0.102	20.07	0.102
20	64QAM	50	0	19.11	0.081	19.14	0.082	19.05	0.080
20	64QAM	50	24	19.13	0.082	19.17	0.083	19.14	0.082
20	64QAM	50	50	19.16	0.082	19.21	0.083	19.11	0.081
20	64QAM	100	0	19.17	0.083	19.18	0.083	19.16	0.082



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20025		20175		20325	
Frequency (MHz)				1717.5		1732.5		1747.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	21.72	0.149	21.76	0.150	21.79	0.151
15	QPSK	1	37	22.00	0.158	22.05	0.160	22.05	0.160
15	QPSK	1	74	21.82	0.152	21.76	0.150	21.70	0.148
15	QPSK	36	0	21.15	0.130	21.22	0.132	21.12	0.129
15	QPSK	36	20	21.10	0.129	21.16	0.131	21.01	0.126
15	QPSK	36	39	21.15	0.130	21.13	0.130	21.11	0.129
15	QPSK	75	0	21.12	0.129	21.20	0.132	21.06	0.128
15	16QAM	1	0	21.10	0.129	21.12	0.129	21.10	0.129
15	16QAM	1	37	21.20	0.132	21.26	0.134	21.32	0.136
15	16QAM	1	74	21.16	0.131	21.16	0.131	21.09	0.129
15	16QAM	36	0	20.12	0.103	20.06	0.101	20.10	0.102
15	16QAM	36	20	20.00	0.100	20.14	0.103	20.10	0.102
15	16QAM	36	39	20.16	0.104	20.15	0.104	20.09	0.102
15	16QAM	75	0	20.14	0.103	20.11	0.103	20.01	0.100
15	64QAM	1	0	20.02	0.100	20.08	0.102	20.07	0.102
15	64QAM	1	37	20.12	0.103	20.12	0.103	20.13	0.103
15	64QAM	1	74	19.95	0.099	20.05	0.101	20.06	0.101
15	64QAM	36	0	19.08	0.081	19.06	0.081	18.97	0.079
15	64QAM	36	20	19.09	0.081	19.12	0.082	19.13	0.082
15	64QAM	36	39	19.13	0.082	19.11	0.081	19.02	0.080
15	64QAM	75	0	19.10	0.081	19.11	0.081	19.07	0.081



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20000		20175		20350	
Frequency (MHz)				1715		1732.5		1750	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	21.71	0.148	21.81	0.152	21.74	0.149
10	QPSK	1	25	22.03	0.160	22.11	0.163	22.06	0.161
10	QPSK	1	49	21.74	0.149	21.75	0.150	21.73	0.149
10	QPSK	25	0	21.17	0.131	21.22	0.132	21.14	0.130
10	QPSK	25	12	21.15	0.130	21.08	0.128	21.04	0.127
10	QPSK	25	25	21.13	0.130	21.12	0.129	21.12	0.129
10	QPSK	50	0	21.19	0.132	21.17	0.131	21.10	0.129
10	16QAM	1	0	21.08	0.128	21.14	0.130	21.09	0.129
10	16QAM	1	25	21.24	0.133	21.30	0.135	21.30	0.135
10	16QAM	1	49	21.14	0.130	21.12	0.129	21.10	0.129
10	16QAM	25	0	20.04	0.101	20.05	0.101	20.12	0.103
10	16QAM	25	12	20.03	0.101	20.10	0.102	20.09	0.102
10	16QAM	25	25	20.12	0.103	20.19	0.104	20.15	0.104
10	16QAM	50	0	20.10	0.102	20.11	0.103	20.10	0.102
10	64QAM	1	0	19.96	0.099	20.06	0.101	20.10	0.102
10	64QAM	1	25	20.18	0.104	20.13	0.103	20.16	0.104
10	64QAM	1	49	19.95	0.099	19.98	0.100	19.97	0.099
10	64QAM	25	0	19.10	0.081	19.07	0.081	18.99	0.079
10	64QAM	25	12	19.09	0.081	19.14	0.082	19.13	0.082
10	64QAM	25	25	19.12	0.082	19.13	0.082	19.08	0.081
10	64QAM	50	0	19.14	0.082	19.14	0.082	19.13	0.082





LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				19975		20175		20375	
Frequency (MHz)				1712.5		1732.5		1752.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	21.68	0.147	21.78	0.151	21.78	0.151
5	QPSK	1	12	22.03	0.160	22.10	0.162	22.05	0.160
5	QPSK	1	24	21.81	0.152	21.78	0.151	21.73	0.149
5	QPSK	12	0	21.13	0.130	21.23	0.133	21.20	0.132
5	QPSK	12	7	21.08	0.128	21.16	0.131	21.02	0.126
5	QPSK	12	13	21.17	0.131	21.12	0.129	21.07	0.128
5	QPSK	25	0	21.11	0.129	21.15	0.130	21.14	0.130
5	16QAM	1	0	21.12	0.129	21.10	0.129	21.08	0.128
5	16QAM	1	12	21.18	0.131	21.25	0.133	21.23	0.133
5	16QAM	1	24	21.12	0.129	21.16	0.131	21.09	0.129
5	16QAM	12	0	20.10	0.102	20.05	0.101	20.08	0.102
5	16QAM	12	7	20.08	0.102	20.08	0.102	20.05	0.101
5	16QAM	12	13	20.10	0.102	20.19	0.104	20.14	0.103
5	16QAM	25	0	20.13	0.103	20.10	0.102	20.07	0.102
5	64QAM	1	0	20.00	0.100	20.08	0.102	20.12	0.103
5	64QAM	1	12	20.16	0.104	20.15	0.104	20.10	0.102
5	64QAM	1	24	19.88	0.097	20.07	0.102	20.03	0.101
5	64QAM	12	0	19.08	0.081	19.11	0.081	18.96	0.079
5	64QAM	12	7	19.08	0.081	19.09	0.081	19.04	0.080
5	64QAM	12	13	19.06	0.081	19.16	0.082	19.02	0.080
5	64QAM	25	0	19.07	0.081	19.15	0.082	19.12	0.082



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				19965		20175		20385	
Frequency (MHz)				1711.5		1732.5		1753.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	21.77	0.150	21.76	0.150	21.72	0.149
3	QPSK	1	8	22.04	0.160	22.03	0.160	22.06	0.161
3	QPSK	1	14	21.73	0.149	21.83	0.152	21.71	0.148
3	QPSK	8	0	21.12	0.129	21.18	0.131	21.15	0.130
3	QPSK	8	4	21.10	0.129	21.09	0.129	21.05	0.127
3	QPSK	8	7	21.17	0.131	21.16	0.131	21.09	0.129
3	QPSK	15	0	21.17	0.131	21.18	0.131	21.15	0.130
3	16QAM	1	0	21.11	0.129	21.10	0.129	21.09	0.129
3	16QAM	1	8	21.22	0.132	21.32	0.136	21.26	0.134
3	16QAM	1	14	21.15	0.130	21.09	0.129	21.16	0.131
3	16QAM	8	0	20.06	0.101	20.04	0.101	20.11	0.103
3	16QAM	8	4	20.03	0.101	20.13	0.103	20.07	0.102
3	16QAM	8	7	20.14	0.103	20.24	0.106	20.10	0.102
3	16QAM	15	0	20.16	0.104	20.14	0.103	20.04	0.101
3	64QAM	1	0	20.01	0.100	20.10	0.102	20.09	0.102
3	64QAM	1	8	20.13	0.103	20.18	0.104	20.09	0.102
3	64QAM	1	14	19.91	0.098	20.06	0.101	20.05	0.101
3	64QAM	8	0	19.01	0.080	19.05	0.080	18.99	0.079
3	64QAM	8	4	19.12	0.082	19.10	0.081	19.12	0.082
3	64QAM	8	7	19.07	0.081	19.17	0.083	19.04	0.080
3	64QAM	15	0	19.08	0.081	19.11	0.081	19.09	0.081



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				19957		20175		20393	
Frequency (MHz)				1710.7		1732.5		1754.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	21.68	0.147	21.77	0.150	21.73	0.149
1.4	QPSK	1	3	21.97	0.157	22.04	0.160	22.01	0.159
1.4	QPSK	1	5	21.76	0.150	21.81	0.152	21.71	0.148
1.4	QPSK	3	0	21.93	0.156	21.98	0.158	21.98	0.158
1.4	QPSK	3	1	21.94	0.156	21.93	0.156	21.90	0.155
1.4	QPSK	3	3	21.97	0.157	21.99	0.158	21.96	0.157
1.4	QPSK	6	0	21.16	0.131	21.14	0.130	21.13	0.130
1.4	16QAM	1	0	21.11	0.129	21.14	0.130	21.12	0.129
1.4	16QAM	1	3	21.21	0.132	21.28	0.134	21.25	0.133
1.4	16QAM	1	5	21.12	0.129	21.12	0.129	21.07	0.128
1.4	16QAM	3	0	20.94	0.124	20.96	0.125	20.92	0.124
1.4	16QAM	3	1	20.90	0.123	20.91	0.123	20.90	0.123
1.4	16QAM	3	3	21.02	0.126	21.07	0.128	20.91	0.123
1.4	16QAM	6	0	20.10	0.102	20.10	0.102	20.10	0.102
1.4	64QAM	1	0	20.05	0.101	20.09	0.102	20.10	0.102
1.4	64QAM	1	3	20.17	0.104	20.16	0.104	20.08	0.102
1.4	64QAM	1	5	19.88	0.097	19.99	0.100	20.00	0.100
1.4	64QAM	3	0	19.90	0.098	19.93	0.098	19.78	0.095
1.4	64QAM	3	1	19.87	0.097	19.98	0.100	19.92	0.098
1.4	64QAM	3	3	19.96	0.099	19.98	0.100	19.88	0.097
1.4	64QAM	6	0	19.12	0.082	19.10	0.081	19.14	0.082



LTE Band 5				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20450		20525		20600	
Frequency (MHz)				829		836.5		844	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	19.85	0.097	19.90	0.098	19.87	0.097
10	QPSK	1	25	19.94	0.099	20.00	0.100	19.96	0.099
10	QPSK	1	49	19.77	0.095	19.82	0.096	19.73	0.094
10	QPSK	25	0	19.05	0.080	19.07	0.081	19.04	0.080
10	QPSK	25	12	18.90	0.078	18.98	0.079	18.92	0.078
10	QPSK	25	25	18.81	0.076	18.89	0.077	18.80	0.076
10	QPSK	50	0	18.87	0.077	18.95	0.079	18.87	0.077
10	16QAM	1	0	19.03	0.080	19.07	0.081	19.00	0.079
10	16QAM	1	25	19.22	0.084	19.30	0.085	19.28	0.085
10	16QAM	1	49	19.01	0.080	19.10	0.081	19.03	0.080
10	16QAM	25	0	18.10	0.065	18.11	0.065	18.05	0.064
10	16QAM	25	12	17.97	0.063	18.03	0.064	17.94	0.062
10	16QAM	25	25	17.89	0.062	17.95	0.062	17.94	0.062
10	16QAM	50	0	18.02	0.063	18.03	0.064	17.96	0.063
10	64QAM	1	0	18.12	0.065	18.14	0.065	18.08	0.064
10	64QAM	1	25	18.17	0.066	18.26	0.067	18.22	0.066
10	64QAM	1	49	18.04	0.064	18.10	0.065	18.03	0.064
10	64QAM	25	0	17.05	0.051	17.10	0.051	17.03	0.050
10	64QAM	25	12	16.88	0.049	16.98	0.050	16.94	0.049
10	64QAM	25	25	16.88	0.049	16.94	0.049	16.91	0.049
10	64QAM	50	0	17.00	0.050	17.01	0.050	16.96	0.050



LTE Band 5				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20425		20525		20625	
Frequency (MHz)				826.5		836.5		846.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	19.77	0.095	19.88	0.097	19.86	0.097
5	QPSK	1	12	19.88	0.097	19.98	0.100	19.89	0.097
5	QPSK	1	24	19.73	0.094	19.79	0.095	19.64	0.092
5	QPSK	12	0	18.98	0.079	19.04	0.080	18.97	0.079
5	QPSK	12	7	18.81	0.076	18.89	0.077	18.85	0.077
5	QPSK	12	13	18.71	0.074	18.79	0.076	18.78	0.076
5	QPSK	25	0	18.81	0.076	18.86	0.077	18.77	0.075
5	16QAM	1	0	19.01	0.080	19.00	0.079	18.96	0.079
5	16QAM	1	12	19.16	0.082	19.22	0.084	19.20	0.083
5	16QAM	1	24	18.95	0.079	19.02	0.080	18.96	0.079
5	16QAM	12	0	18.09	0.064	18.06	0.064	17.99	0.063
5	16QAM	12	7	17.89	0.062	17.96	0.063	17.93	0.062
5	16QAM	12	13	17.81	0.060	17.87	0.061	17.92	0.062
5	16QAM	25	0	17.97	0.063	18.00	0.063	17.88	0.061
5	64QAM	1	0	18.04	0.064	18.07	0.064	18.07	0.064
5	64QAM	1	12	18.16	0.065	18.20	0.066	18.20	0.066
5	64QAM	1	24	17.96	0.063	18.05	0.064	18.02	0.063
5	64QAM	12	0	16.96	0.050	17.01	0.050	16.99	0.050
5	64QAM	12	7	16.85	0.048	16.95	0.050	16.93	0.049
5	64QAM	12	13	16.80	0.048	16.93	0.049	16.84	0.048
5	64QAM	25	0	16.93	0.049	16.97	0.050	16.94	0.049



LTE Band 5				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20415		20525		20635	
Frequency (MHz)				825.5		836.5		847.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	19.77	0.095	19.85	0.097	19.83	0.096
3	QPSK	1	8	19.93	0.098	19.91	0.098	19.90	0.098
3	QPSK	1	14	19.69	0.093	19.79	0.095	19.65	0.092
3	QPSK	8	0	18.97	0.079	18.97	0.079	18.95	0.079
3	QPSK	8	4	18.88	0.077	18.90	0.078	18.86	0.077
3	QPSK	8	7	18.79	0.076	18.85	0.077	18.70	0.074
3	QPSK	15	0	18.81	0.076	18.94	0.078	18.83	0.076
3	16QAM	1	0	18.95	0.079	18.99	0.079	18.92	0.078
3	16QAM	1	8	19.13	0.082	19.25	0.084	19.26	0.084
3	16QAM	1	14	18.93	0.078	19.07	0.081	18.96	0.079
3	16QAM	8	0	18.05	0.064	18.07	0.064	18.04	0.064
3	16QAM	8	4	17.88	0.061	18.00	0.063	17.86	0.061
3	16QAM	8	7	17.84	0.061	17.91	0.062	17.93	0.062
3	16QAM	15	0	17.96	0.063	17.93	0.062	17.93	0.062
3	64QAM	1	0	18.06	0.064	18.11	0.065	18.05	0.064
3	64QAM	1	8	18.13	0.065	18.21	0.066	18.19	0.066
3	64QAM	1	14	17.96	0.063	18.06	0.064	17.99	0.063
3	64QAM	8	0	17.03	0.050	17.00	0.050	17.00	0.050
3	64QAM	8	4	16.82	0.048	16.95	0.050	16.89	0.049
3	64QAM	8	7	16.78	0.048	16.86	0.049	16.84	0.048
3	64QAM	15	0	16.98	0.050	16.92	0.049	16.88	0.049



LTE Band 5				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20407		20525		20643	
Frequency (MHz)				824.7		836.5		848.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	19.82	0.096	19.88	0.097	19.82	0.096
1.4	QPSK	1	3	19.84	0.096	19.97	0.099	19.86	0.097
1.4	QPSK	1	5	19.71	0.094	19.72	0.094	19.69	0.093
1.4	QPSK	3	0	19.79	0.095	19.83	0.096	19.75	0.094
1.4	QPSK	3	1	19.61	0.091	19.73	0.094	19.69	0.093
1.4	QPSK	3	3	19.54	0.090	19.59	0.091	19.55	0.090
1.4	QPSK	6	0	18.79	0.076	18.87	0.077	18.81	0.076
1.4	16QAM	1	0	18.93	0.078	19.00	0.079	18.99	0.079
1.4	16QAM	1	3	19.15	0.082	19.26	0.084	19.21	0.083
1.4	16QAM	1	5	18.97	0.079	19.07	0.081	18.93	0.078
1.4	16QAM	3	0	18.82	0.076	18.90	0.078	18.80	0.076
1.4	16QAM	3	1	18.67	0.074	18.78	0.076	18.69	0.074
1.4	16QAM	3	3	18.61	0.073	18.71	0.074	18.72	0.074
1.4	16QAM	6	0	18.01	0.063	17.98	0.063	17.95	0.062
1.4	64QAM	1	0	18.03	0.064	18.04	0.064	18.00	0.063
1.4	64QAM	1	3	18.09	0.064	18.17	0.066	18.15	0.065
1.4	64QAM	1	5	18.03	0.064	18.04	0.064	17.94	0.062
1.4	64QAM	3	0	17.81	0.060	17.81	0.060	17.79	0.060
1.4	64QAM	3	1	17.67	0.058	17.70	0.059	17.68	0.059
1.4	64QAM	3	3	17.64	0.058	17.68	0.059	17.68	0.059
1.4	64QAM	6	0	16.99	0.050	16.99	0.050	16.88	0.049



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	19.23	0.084	19.29	0.085	19.27	0.085
10	QPSK	1	25	19.40	0.087	19.45	0.088	19.42	0.087
10	QPSK	1	49	19.28	0.085	19.31	0.085	19.29	0.085
10	QPSK	25	0	18.43	0.070	18.51	0.071	18.41	0.069
10	QPSK	25	12	18.38	0.069	18.45	0.070	18.39	0.069
10	QPSK	25	25	18.39	0.069	18.42	0.070	18.32	0.068
10	QPSK	50	0	18.31	0.068	18.33	0.068	18.25	0.067
10	16QAM	1	0	18.62	0.073	18.67	0.074	18.58	0.072
10	16QAM	1	25	18.77	0.075	18.81	0.076	18.77	0.075
10	16QAM	1	49	18.56	0.072	18.63	0.073	18.62	0.073
10	16QAM	25	0	17.48	0.056	17.52	0.056	17.42	0.055
10	16QAM	25	12	17.48	0.056	17.50	0.056	17.48	0.056
10	16QAM	25	25	17.43	0.055	17.47	0.056	17.45	0.056
10	16QAM	50	0	17.39	0.055	17.49	0.056	17.47	0.056
10	64QAM	1	0	17.42	0.055	17.50	0.056	17.42	0.055
10	64QAM	1	25	17.66	0.058	17.67	0.058	17.59	0.057
10	64QAM	1	49	17.48	0.056	17.53	0.057	17.43	0.055
10	64QAM	25	0	16.39	0.044	16.45	0.044	16.38	0.043
10	64QAM	25	12	16.39	0.044	16.48	0.044	16.42	0.044
10	64QAM	25	25	16.41	0.044	16.46	0.044	16.42	0.044
10	64QAM	50	0	16.35	0.043	16.45	0.044	16.44	0.044





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	19.19	0.083	19.21	0.083	19.21	0.083
5	QPSK	1	12	19.33	0.086	19.37	0.086	19.34	0.086
5	QPSK	1	24	19.20	0.083	19.28	0.085	19.22	0.084
5	QPSK	12	0	18.37	0.069	18.47	0.070	18.40	0.069
5	QPSK	12	7	18.36	0.069	18.44	0.070	18.35	0.068
5	QPSK	12	13	18.31	0.068	18.35	0.068	18.31	0.068
5	QPSK	25	0	18.22	0.066	18.23	0.067	18.15	0.065
5	16QAM	1	0	18.60	0.072	18.57	0.072	18.56	0.072
5	16QAM	1	12	18.68	0.074	18.75	0.075	18.72	0.074
5	16QAM	1	24	18.54	0.071	18.58	0.072	18.56	0.072
5	16QAM	12	0	17.43	0.055	17.45	0.056	17.33	0.054
5	16QAM	12	7	17.40	0.055	17.41	0.055	17.39	0.055
5	16QAM	12	13	17.37	0.055	17.43	0.055	17.41	0.055
5	16QAM	25	0	17.30	0.054	17.42	0.055	17.42	0.055
5	64QAM	1	0	17.39	0.055	17.43	0.055	17.32	0.054
5	64QAM	1	12	17.65	0.058	17.60	0.058	17.54	0.057
5	64QAM	1	24	17.39	0.055	17.46	0.056	17.41	0.055
5	64QAM	12	0	16.30	0.043	16.41	0.044	16.33	0.043
5	64QAM	12	7	16.32	0.043	16.46	0.044	16.39	0.044
5	64QAM	12	13	16.40	0.044	16.40	0.044	16.38	0.043
5	64QAM	25	0	16.31	0.043	16.43	0.044	16.40	0.044



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	19.14	0.082	19.22	0.084	19.18	0.083
3	QPSK	1	8	19.37	0.086	19.37	0.086	19.32	0.086
3	QPSK	1	14	19.23	0.084	19.24	0.084	19.21	0.083
3	QPSK	8	0	18.40	0.069	18.49	0.071	18.32	0.068
3	QPSK	8	4	18.36	0.069	18.37	0.069	18.32	0.068
3	QPSK	8	7	18.35	0.068	18.37	0.069	18.27	0.067
3	QPSK	15	0	18.22	0.066	18.31	0.068	18.18	0.066
3	16QAM	1	0	18.60	0.072	18.66	0.073	18.48	0.070
3	16QAM	1	8	18.67	0.074	18.72	0.074	18.67	0.074
3	16QAM	1	14	18.49	0.071	18.60	0.072	18.56	0.072
3	16QAM	8	0	17.38	0.055	17.47	0.056	17.36	0.054
3	16QAM	8	4	17.43	0.055	17.47	0.056	17.43	0.055
3	16QAM	8	7	17.40	0.055	17.46	0.056	17.40	0.055
3	16QAM	15	0	17.30	0.054	17.47	0.056	17.39	0.055
3	64QAM	1	0	17.37	0.055	17.46	0.056	17.41	0.055
3	64QAM	1	8	17.57	0.057	17.64	0.058	17.54	0.057
3	64QAM	1	14	17.43	0.055	17.52	0.056	17.33	0.054
3	64QAM	8	0	16.34	0.043	16.38	0.043	16.31	0.043
3	64QAM	8	4	16.31	0.043	16.40	0.044	16.34	0.043
3	64QAM	8	7	16.38	0.043	16.37	0.043	16.41	0.044
3	64QAM	15	0	16.32	0.043	16.40	0.044	16.39	0.044



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	19.13	0.082	19.26	0.084	19.19	0.083
1.4	QPSK	1	3	19.33	0.086	19.36	0.086	19.36	0.086
1.4	QPSK	1	5	19.24	0.084	19.29	0.085	19.20	0.083
1.4	QPSK	3	0	19.21	0.083	19.28	0.085	19.16	0.082
1.4	QPSK	3	1	19.11	0.081	19.16	0.082	19.16	0.082
1.4	QPSK	3	3	19.18	0.083	19.16	0.082	19.08	0.081
1.4	QPSK	6	0	18.25	0.067	18.23	0.067	18.20	0.066
1.4	16QAM	1	0	18.53	0.071	18.61	0.073	18.49	0.071
1.4	16QAM	1	3	18.70	0.074	18.78	0.076	18.69	0.074
1.4	16QAM	1	5	18.49	0.071	18.62	0.073	18.54	0.071
1.4	16QAM	3	0	18.20	0.066	18.29	0.067	18.14	0.065
1.4	16QAM	3	1	18.26	0.067	18.24	0.067	18.24	0.067
1.4	16QAM	3	3	18.22	0.066	18.18	0.066	18.16	0.065
1.4	16QAM	6	0	17.32	0.054	17.48	0.056	17.38	0.055
1.4	64QAM	1	0	17.40	0.055	17.47	0.056	17.37	0.055
1.4	64QAM	1	3	17.61	0.058	17.57	0.057	17.49	0.056
1.4	64QAM	1	5	17.44	0.055	17.48	0.056	17.37	0.055
1.4	64QAM	3	0	17.09	0.051	17.23	0.053	17.12	0.052
1.4	64QAM	3	1	17.16	0.052	17.18	0.052	17.14	0.052
1.4	64QAM	3	3	17.12	0.052	17.24	0.053	17.17	0.052
1.4	64QAM	6	0	16.33	0.043	16.35	0.043	16.38	0.043



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	19.26	0.084	19.29	0.085	19.27	0.085
10	QPSK	1	25	19.38	0.087	19.43	0.088	19.39	0.087
10	QPSK	1	49	19.26	0.084	19.30	0.085	19.26	0.084
10	QPSK	25	0	18.46	0.070	18.48	0.070	18.39	0.069
10	QPSK	25	12	18.41	0.069	18.43	0.070	18.37	0.069
10	QPSK	25	25	18.40	0.069	18.46	0.070	18.41	0.069
10	QPSK	50	0	18.40	0.069	18.45	0.070	18.35	0.068
10	16QAM	1	0	18.53	0.071	18.60	0.072	18.51	0.071
10	16QAM	1	25	18.67	0.074	18.77	0.075	18.68	0.074
10	16QAM	1	49	18.55	0.072	18.63	0.073	18.62	0.073
10	16QAM	25	0	17.44	0.055	17.50	0.056	17.47	0.056
10	16QAM	25	12	17.39	0.055	17.47	0.056	17.38	0.055
10	16QAM	25	25	17.45	0.056	17.48	0.056	17.42	0.055
10	16QAM	50	0	17.43	0.055	17.45	0.056	17.37	0.055
10	64QAM	1	0	17.45	0.056	17.47	0.056	17.41	0.055
10	64QAM	1	25	17.60	0.058	17.67	0.058	17.60	0.058
10	64QAM	1	49	17.45	0.056	17.48	0.056	17.45	0.056
10	64QAM	25	0	16.36	0.043	16.46	0.044	16.41	0.044
10	64QAM	25	12	16.38	0.043	16.43	0.044	16.39	0.044
10	64QAM	25	25	16.39	0.044	16.48	0.044	16.45	0.044
10	64QAM	50	0	16.43	0.044	16.44	0.044	16.34	0.043



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	19.23	0.084	19.21	0.083	19.22	0.084
5	QPSK	1	12	19.36	0.086	19.40	0.087	19.32	0.086
5	QPSK	1	24	19.20	0.083	19.22	0.084	19.22	0.084
5	QPSK	12	0	18.42	0.070	18.38	0.069	18.32	0.068
5	QPSK	12	7	18.33	0.068	18.39	0.069	18.27	0.067
5	QPSK	12	13	18.36	0.069	18.44	0.070	18.37	0.069
5	QPSK	25	0	18.35	0.068	18.44	0.070	18.34	0.068
5	16QAM	1	0	18.48	0.070	18.57	0.072	18.43	0.070
5	16QAM	1	12	18.57	0.072	18.71	0.074	18.67	0.074
5	16QAM	1	24	18.53	0.071	18.56	0.072	18.57	0.072
5	16QAM	12	0	17.34	0.054	17.48	0.056	17.38	0.055
5	16QAM	12	7	17.38	0.055	17.38	0.055	17.34	0.054
5	16QAM	12	13	17.44	0.055	17.39	0.055	17.37	0.055
5	16QAM	25	0	17.36	0.054	17.39	0.055	17.30	0.054
5	64QAM	1	0	17.36	0.054	17.44	0.055	17.40	0.055
5	64QAM	1	12	17.51	0.056	17.66	0.058	17.55	0.057
5	64QAM	1	24	17.43	0.055	17.47	0.056	17.42	0.055
5	64QAM	12	0	16.27	0.042	16.36	0.043	16.38	0.043
5	64QAM	12	7	16.28	0.042	16.39	0.044	16.37	0.043
5	64QAM	12	13	16.31	0.043	16.40	0.044	16.42	0.044
5	64QAM	25	0	16.40	0.044	16.35	0.043	16.25	0.042



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	21.42	0.139	21.45	0.140	21.36	0.137
20	QPSK	1	49	21.70	0.148	21.74	0.149	21.66	0.147
20	QPSK	1	99	21.32	0.136	21.38	0.137	21.34	0.136
20	QPSK	50	0	20.76	0.119	20.81	0.121	20.72	0.118
20	QPSK	50	24	20.68	0.117	20.73	0.118	20.70	0.117
20	QPSK	50	50	20.72	0.118	20.78	0.120	20.73	0.118
20	QPSK	100	0	20.70	0.117	20.72	0.118	20.69	0.117
20	16QAM	1	0	20.67	0.117	20.68	0.117	20.60	0.115
20	16QAM	1	49	20.99	0.126	21.03	0.127	20.99	0.126
20	16QAM	1	99	20.58	0.114	20.62	0.115	20.58	0.114
20	16QAM	50	0	19.77	0.095	19.79	0.095	19.72	0.094
20	16QAM	50	24	19.67	0.093	19.73	0.094	19.66	0.092
20	16QAM	50	50	19.70	0.093	19.77	0.095	19.73	0.094
20	16QAM	100	0	19.66	0.092	19.71	0.094	19.62	0.092
20	64QAM	1	0	18.95	0.079	19.05	0.080	19.04	0.080
20	64QAM	1	49	19.42	0.087	19.44	0.088	19.43	0.088
20	64QAM	1	99	18.99	0.079	19.02	0.080	18.96	0.079
20	64QAM	50	0	18.11	0.065	18.20	0.066	18.11	0.065
20	64QAM	50	24	18.16	0.065	18.21	0.066	18.11	0.065
20	64QAM	50	50	18.24	0.067	18.29	0.067	18.27	0.067
20	64QAM	100	0	18.18	0.066	18.25	0.067	18.20	0.066



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	21.38	0.137	21.41	0.138	21.27	0.134
15	QPSK	1	37	21.66	0.147	21.73	0.149	21.59	0.144
15	QPSK	1	74	21.25	0.133	21.32	0.136	21.28	0.134
15	QPSK	36	0	20.73	0.118	20.73	0.118	20.70	0.117
15	QPSK	36	20	20.59	0.115	20.65	0.116	20.67	0.117
15	QPSK	36	39	20.66	0.116	20.69	0.117	20.68	0.117
15	QPSK	75	0	20.66	0.116	20.62	0.115	20.63	0.116
15	16QAM	1	0	20.61	0.115	20.65	0.116	20.57	0.114
15	16QAM	1	37	20.89	0.123	20.95	0.124	20.96	0.125
15	16QAM	1	74	20.57	0.114	20.58	0.114	20.56	0.114
15	16QAM	36	0	19.75	0.094	19.70	0.093	19.67	0.093
15	16QAM	36	20	19.66	0.092	19.64	0.092	19.58	0.091
15	16QAM	36	39	19.67	0.093	19.72	0.094	19.67	0.093
15	16QAM	75	0	19.62	0.092	19.62	0.092	19.52	0.090
15	64QAM	1	0	18.94	0.078	18.98	0.079	19.02	0.080
15	64QAM	1	37	19.33	0.086	19.42	0.087	19.42	0.087
15	64QAM	1	74	18.89	0.077	18.95	0.079	18.92	0.078
15	64QAM	36	0	18.05	0.064	18.13	0.065	18.08	0.064
15	64QAM	36	20	18.08	0.064	18.20	0.066	18.08	0.064
15	64QAM	36	39	18.20	0.066	18.28	0.067	18.22	0.066
15	64QAM	75	0	18.12	0.065	18.17	0.066	18.16	0.065



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	21.33	0.136	21.40	0.138	21.30	0.135
10	QPSK	1	25	21.61	0.145	21.69	0.148	21.64	0.146
10	QPSK	1	49	21.28	0.134	21.28	0.134	21.30	0.135
10	QPSK	25	0	20.73	0.118	20.80	0.120	20.68	0.117
10	QPSK	25	12	20.63	0.116	20.69	0.117	20.64	0.116
10	QPSK	25	25	20.71	0.118	20.69	0.117	20.66	0.116
10	QPSK	50	0	20.65	0.116	20.66	0.116	20.60	0.115
10	16QAM	1	0	20.63	0.116	20.65	0.116	20.56	0.114
10	16QAM	1	25	20.89	0.123	21.00	0.126	20.93	0.124
10	16QAM	1	49	20.51	0.112	20.55	0.114	20.51	0.112
10	16QAM	25	0	19.74	0.094	19.75	0.094	19.67	0.093
10	16QAM	25	12	19.66	0.092	19.70	0.093	19.63	0.092
10	16QAM	25	25	19.67	0.093	19.73	0.094	19.68	0.093
10	16QAM	50	0	19.58	0.091	19.65	0.092	19.56	0.090
10	64QAM	1	0	18.90	0.078	18.97	0.079	18.95	0.079
10	64QAM	1	25	19.37	0.086	19.41	0.087	19.37	0.086
10	64QAM	1	49	18.90	0.078	18.94	0.078	18.88	0.077
10	64QAM	25	0	18.01	0.063	18.15	0.065	18.08	0.064
10	64QAM	25	12	18.15	0.065	18.18	0.066	18.01	0.063
10	64QAM	25	25	18.18	0.066	18.26	0.067	18.25	0.067
10	64QAM	50	0	18.17	0.066	18.24	0.067	18.11	0.065





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	21.35	0.136	21.44	0.139	21.31	0.135
5	QPSK	1	12	21.64	0.146	21.64	0.146	21.56	0.143
5	QPSK	1	24	21.22	0.132	21.28	0.134	21.33	0.136
5	QPSK	12	0	20.72	0.118	20.73	0.118	20.64	0.116
5	QPSK	12	7	20.65	0.116	20.68	0.117	20.64	0.116
5	QPSK	12	13	20.65	0.116	20.73	0.118	20.71	0.118
5	QPSK	25	0	20.64	0.116	20.66	0.116	20.68	0.117
5	16QAM	1	0	20.62	0.115	20.61	0.115	20.55	0.114
5	16QAM	1	12	20.96	0.125	21.00	0.126	20.96	0.125
5	16QAM	1	24	20.53	0.113	20.55	0.114	20.53	0.113
5	16QAM	12	0	19.75	0.094	19.78	0.095	19.63	0.092
5	16QAM	12	7	19.60	0.091	19.69	0.093	19.59	0.091
5	16QAM	12	13	19.60	0.091	19.74	0.094	19.71	0.094
5	16QAM	25	0	19.59	0.091	19.68	0.093	19.60	0.091
5	64QAM	1	0	18.92	0.078	19.02	0.080	18.95	0.079
5	64QAM	1	12	19.34	0.086	19.35	0.086	19.38	0.087
5	64QAM	1	24	18.97	0.079	19.01	0.080	18.91	0.078
5	64QAM	12	0	18.03	0.064	18.11	0.065	18.04	0.064
5	64QAM	12	7	18.07	0.064	18.14	0.065	18.02	0.063
5	64QAM	12	13	18.21	0.066	18.20	0.066	18.18	0.066
5	64QAM	25	0	18.14	0.065	18.20	0.066	18.11	0.065



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	21.38	0.137	21.36	0.137	21.26	0.134
3	QPSK	1	8	21.66	0.147	21.68	0.147	21.58	0.144
3	QPSK	1	14	21.29	0.135	21.33	0.136	21.27	0.134
3	QPSK	8	0	20.70	0.117	20.76	0.119	20.62	0.115
3	QPSK	8	4	20.64	0.116	20.69	0.117	20.64	0.116
3	QPSK	8	7	20.71	0.118	20.73	0.118	20.63	0.116
3	QPSK	15	0	20.61	0.115	20.68	0.117	20.60	0.115
3	16QAM	1	0	20.65	0.116	20.62	0.115	20.57	0.114
3	16QAM	1	8	20.89	0.123	20.96	0.125	20.94	0.124
3	16QAM	1	14	20.49	0.112	20.54	0.113	20.57	0.114
3	16QAM	8	0	19.73	0.094	19.71	0.094	19.65	0.092
3	16QAM	8	4	19.57	0.091	19.67	0.093	19.59	0.091
3	16QAM	8	7	19.62	0.092	19.76	0.095	19.65	0.092
3	16QAM	15	0	19.63	0.092	19.70	0.093	19.61	0.091
3	64QAM	1	0	18.95	0.079	19.03	0.080	19.00	0.079
3	64QAM	1	8	19.32	0.086	19.42	0.087	19.39	0.087
3	64QAM	1	14	18.94	0.078	19.00	0.079	18.94	0.078
3	64QAM	8	0	18.01	0.063	18.12	0.065	18.03	0.064
3	64QAM	8	4	18.12	0.065	18.14	0.065	18.06	0.064
3	64QAM	8	7	18.14	0.065	18.19	0.066	18.18	0.066
3	64QAM	15	0	18.13	0.065	18.15	0.065	18.18	0.066



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	21.32	0.136	21.37	0.137	21.29	0.135
1.4	QPSK	1	3	21.62	0.145	21.72	0.149	21.65	0.146
1.4	QPSK	1	5	21.26	0.134	21.30	0.135	21.25	0.133
1.4	QPSK	3	0	21.20	0.132	21.22	0.132	21.19	0.132
1.4	QPSK	3	1	21.32	0.136	21.40	0.138	21.39	0.138
1.4	QPSK	3	3	21.39	0.138	21.38	0.137	21.40	0.138
1.4	QPSK	6	0	20.61	0.115	20.66	0.116	20.67	0.117
1.4	16QAM	1	0	20.65	0.116	20.65	0.116	20.61	0.115
1.4	16QAM	1	3	20.98	0.125	21.02	0.126	20.92	0.124
1.4	16QAM	1	5	20.56	0.114	20.57	0.114	20.56	0.114
1.4	16QAM	3	0	20.38	0.109	20.43	0.110	20.38	0.109
1.4	16QAM	3	1	20.29	0.107	20.36	0.109	20.28	0.107
1.4	16QAM	3	3	20.30	0.107	20.37	0.109	20.39	0.109
1.4	16QAM	6	0	19.59	0.091	19.61	0.091	19.59	0.091
1.4	64QAM	1	0	18.93	0.078	18.98	0.079	19.03	0.080
1.4	64QAM	1	3	19.39	0.087	19.35	0.086	19.40	0.087
1.4	64QAM	1	5	18.98	0.079	18.97	0.079	18.95	0.079
1.4	64QAM	3	0	18.73	0.075	18.82	0.076	18.76	0.075
1.4	64QAM	3	1	18.79	0.076	18.81	0.076	18.77	0.075
1.4	64QAM	3	3	18.93	0.078	18.98	0.079	18.87	0.077
1.4	64QAM	6	0	18.15	0.065	18.22	0.066	18.13	0.065



LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26865		26915		26965	
Frequency (MHz)				831.5		836.5		841.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	19.60	0.091	19.54	0.090	19.50	0.089
15	QPSK	1	37	19.78	0.095	19.69	0.093	19.70	0.093
15	QPSK	1	74	19.41	0.087	19.35	0.086	19.37	0.086
15	QPSK	36	0	18.80	0.076	18.70	0.074	18.72	0.074
15	QPSK	36	20	18.79	0.076	18.73	0.075	18.72	0.074
15	QPSK	36	39	18.75	0.075	18.72	0.074	18.73	0.075
15	QPSK	75	0	18.76	0.075	18.71	0.074	18.67	0.074
15	16QAM	1	0	18.85	0.077	18.79	0.076	18.81	0.076
15	16QAM	1	37	19.10	0.081	19.02	0.080	19.06	0.081
15	16QAM	1	74	18.77	0.075	18.76	0.075	18.76	0.075
15	16QAM	36	0	17.80	0.060	17.77	0.060	17.78	0.060
15	16QAM	36	20	17.77	0.060	17.71	0.059	17.71	0.059
15	16QAM	36	39	17.73	0.059	17.67	0.058	17.71	0.059
15	16QAM	75	0	17.75	0.060	17.70	0.059	17.66	0.058
15	64QAM	1	0	17.83	0.061	17.76	0.060	17.80	0.060
15	64QAM	1	37	18.06	0.064	17.95	0.062	17.96	0.063
15	64QAM	1	74	17.75	0.060	17.71	0.059	17.74	0.059
15	64QAM	36	0	16.80	0.048	16.73	0.047	16.72	0.047
15	64QAM	36	20	16.77	0.048	16.73	0.047	16.73	0.047
15	64QAM	36	39	16.75	0.047	16.66	0.046	16.67	0.046
15	64QAM	75	0	16.76	0.047	16.70	0.047	16.67	0.046



LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26840		26915		26990	
Frequency (MHz)				829.0		836.5		844.0	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	19.45	0.088	19.38	0.087	19.49	0.089
10	QPSK	1	25	19.64	0.092	19.57	0.091	19.66	0.092
10	QPSK	1	49	19.22	0.084	19.16	0.082	19.27	0.085
10	QPSK	25	0	18.58	0.072	18.58	0.072	18.69	0.074
10	QPSK	25	12	18.57	0.072	18.64	0.073	18.66	0.073
10	QPSK	25	25	18.63	0.073	18.64	0.073	18.72	0.074
10	QPSK	50	0	18.61	0.073	18.53	0.071	18.63	0.073
10	16QAM	1	0	18.69	0.074	18.72	0.074	18.76	0.075
10	16QAM	1	25	19.01	0.080	19.02	0.080	19.05	0.080
10	16QAM	1	49	18.65	0.073	18.61	0.073	18.68	0.074
10	16QAM	25	0	17.65	0.058	17.70	0.059	17.75	0.060
10	16QAM	25	12	17.65	0.058	17.57	0.057	17.69	0.059
10	16QAM	25	25	17.51	0.056	17.60	0.058	17.61	0.058
10	16QAM	50	0	17.50	0.056	17.48	0.056	17.56	0.057
10	64QAM	1	0	17.70	0.059	17.74	0.059	17.75	0.060
10	64QAM	1	25	17.86	0.061	17.90	0.062	17.95	0.062
10	64QAM	1	49	17.52	0.056	17.57	0.057	17.64	0.058
10	64QAM	25	0	16.58	0.045	16.66	0.046	16.70	0.047
10	64QAM	25	12	16.62	0.046	16.58	0.045	16.68	0.047
10	64QAM	25	25	16.55	0.045	16.50	0.045	16.57	0.045
10	64QAM	50	0	16.50	0.045	16.45	0.044	16.57	0.045



LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26815		26915		27015	
Frequency (MHz)				826.5		836.5		846.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	19.45	0.088	19.38	0.087	19.49	0.089
5	QPSK	1	12	19.55	0.090	19.56	0.090	19.65	0.092
5	QPSK	1	24	19.27	0.085	19.28	0.085	19.32	0.086
5	QPSK	12	0	18.55	0.072	18.52	0.071	18.64	0.073
5	QPSK	12	7	18.52	0.071	18.57	0.072	18.62	0.073
5	QPSK	12	13	18.59	0.072	18.62	0.073	18.64	0.073
5	QPSK	25	0	18.55	0.072	18.56	0.072	18.64	0.073
5	16QAM	1	0	18.71	0.074	18.71	0.074	18.80	0.076
5	16QAM	1	12	18.93	0.078	18.91	0.078	19.00	0.079
5	16QAM	1	24	18.64	0.073	18.63	0.073	18.73	0.075
5	16QAM	12	0	17.59	0.057	17.70	0.059	17.71	0.059
5	16QAM	12	7	17.66	0.058	17.68	0.059	17.70	0.059
5	16QAM	12	13	17.57	0.057	17.59	0.057	17.63	0.058
5	16QAM	25	0	17.57	0.057	17.50	0.056	17.62	0.058
5	64QAM	1	0	17.65	0.058	17.62	0.058	17.70	0.059
5	64QAM	1	12	17.76	0.060	17.83	0.061	17.88	0.061
5	64QAM	1	24	17.58	0.057	17.57	0.057	17.69	0.059
5	64QAM	12	0	16.50	0.045	16.50	0.045	16.62	0.046
5	64QAM	12	7	16.62	0.046	16.68	0.047	16.69	0.047
5	64QAM	12	13	16.56	0.045	16.65	0.046	16.66	0.046
5	64QAM	25	0	16.53	0.045	16.53	0.045	16.58	0.045



LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26805		26915		27025	
Frequency (MHz)				825.5		836.5		847.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	19.35	0.086	19.44	0.088	19.45	0.088
3	QPSK	1	8	19.59	0.091	19.54	0.090	19.64	0.092
3	QPSK	1	14	19.22	0.084	19.26	0.084	19.27	0.085
3	QPSK	8	0	18.63	0.073	18.64	0.073	18.68	0.074
3	QPSK	8	4	18.58	0.072	18.60	0.072	18.64	0.073
3	QPSK	8	7	18.63	0.073	18.61	0.073	18.65	0.073
3	QPSK	15	0	18.53	0.071	18.55	0.072	18.63	0.073
3	16QAM	1	0	18.70	0.074	18.78	0.076	18.80	0.076
3	16QAM	1	8	18.93	0.078	18.90	0.078	18.96	0.079
3	16QAM	1	14	18.66	0.073	18.61	0.073	18.68	0.074
3	16QAM	8	0	17.68	0.059	17.66	0.058	17.72	0.059
3	16QAM	8	4	17.58	0.057	17.52	0.056	17.64	0.058
3	16QAM	8	7	17.58	0.057	17.67	0.058	17.69	0.059
3	16QAM	15	0	17.52	0.056	17.51	0.056	17.60	0.058
3	64QAM	1	0	17.72	0.059	17.71	0.059	17.77	0.060
3	64QAM	1	8	17.86	0.061	17.88	0.061	17.95	0.062
3	64QAM	1	14	17.68	0.059	17.64	0.058	17.72	0.059
3	64QAM	8	0	16.56	0.045	16.62	0.046	16.63	0.046
3	64QAM	8	4	16.53	0.045	16.55	0.045	16.64	0.046
3	64QAM	8	7	16.57	0.045	16.57	0.045	16.61	0.046
3	64QAM	15	0	16.50	0.045	16.47	0.044	16.59	0.046



LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26797		26915		27033	
Frequency (MHz)				824.7		836.5		848.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	19.37	0.086	19.30	0.085	19.40	0.087
1.4	QPSK	1	3	19.59	0.091	19.58	0.091	19.63	0.092
1.4	QPSK	1	5	19.25	0.084	19.23	0.084	19.29	0.085
1.4	QPSK	3	0	19.28	0.085	19.31	0.085	19.33	0.086
1.4	QPSK	3	1	19.37	0.086	19.35	0.086	19.41	0.087
1.4	QPSK	3	3	19.28	0.085	19.30	0.085	19.38	0.087
1.4	QPSK	6	0	18.47	0.070	18.50	0.071	18.58	0.072
1.4	16QAM	1	0	18.71	0.074	18.74	0.075	18.78	0.076
1.4	16QAM	1	3	18.97	0.079	18.96	0.079	19.05	0.080
1.4	16QAM	1	5	18.69	0.074	18.64	0.073	18.74	0.075
1.4	16QAM	3	0	18.42	0.070	18.32	0.068	18.44	0.070
1.4	16QAM	3	1	18.27	0.067	18.34	0.068	18.39	0.069
1.4	16QAM	3	3	18.35	0.068	18.32	0.068	18.36	0.069
1.4	16QAM	6	0	17.52	0.056	17.54	0.057	17.58	0.057
1.4	64QAM	1	0	17.77	0.060	17.71	0.059	17.78	0.060
1.4	64QAM	1	3	17.83	0.061	17.91	0.062	17.94	0.062
1.4	64QAM	1	5	17.62	0.058	17.62	0.058	17.67	0.058
1.4	64QAM	3	0	17.29	0.054	17.30	0.054	17.32	0.054
1.4	64QAM	3	1	17.25	0.053	17.28	0.053	17.35	0.054
1.4	64QAM	3	3	17.30	0.054	17.26	0.053	17.31	0.054
1.4	64QAM	6	0	16.47	0.044	16.57	0.045	16.58	0.045





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				40140		40640		41140	
Frequency (MHz)				2545		2595		2645	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	23.77	0.238	23.44	0.221	23.43	0.220
20	QPSK	1	49	23.72	0.236	24.05	0.254	23.76	0.238
20	QPSK	1	99	23.55	0.226	23.26	0.212	23.27	0.212
20	QPSK	50	0	22.80	0.191	23.07	0.203	22.81	0.191
20	QPSK	50	24	22.97	0.198	22.67	0.185	22.68	0.185
20	QPSK	50	50	22.92	0.196	22.66	0.185	22.62	0.183
20	QPSK	100	0	23.06	0.202	22.73	0.187	22.75	0.188
20	16QAM	1	0	22.67	0.185	22.41	0.174	22.32	0.171
20	16QAM	1	49	23.04	0.201	22.63	0.183	22.63	0.183
20	16QAM	1	99	22.66	0.185	22.35	0.172	22.35	0.172
20	16QAM	50	0	21.96	0.157	21.69	0.148	21.68	0.147
20	16QAM	50	24	22.00	0.158	21.64	0.146	21.67	0.147
20	16QAM	50	50	21.91	0.155	21.66	0.147	21.58	0.144
20	16QAM	100	0	22.00	0.158	21.68	0.147	21.68	0.147
20	64QAM	1	0	21.60	0.145	21.65	0.146	21.59	0.144
20	64QAM	1	49	21.90	0.155	21.98	0.158	21.97	0.157
20	64QAM	1	99	21.50	0.141	21.57	0.144	21.47	0.140
20	64QAM	50	0	20.84	0.121	20.93	0.124	20.89	0.123
20	64QAM	50	24	20.85	0.122	20.88	0.122	20.84	0.121
20	64QAM	50	50	20.82	0.121	20.90	0.123	20.83	0.121
20	64QAM	100	0	20.71	0.118	20.76	0.119	20.72	0.118



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				40115		40640		41165	
Frequency (MHz)				2542.5		2595		2647.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	23.71	0.235	23.42	0.220	23.34	0.216
15	QPSK	1	37	23.99	0.251	23.62	0.230	23.66	0.232
15	QPSK	1	74	23.53	0.225	23.20	0.209	23.23	0.210
15	QPSK	36	0	23.01	0.200	22.72	0.187	22.71	0.187
15	QPSK	36	20	22.99	0.199	22.59	0.182	22.67	0.185
15	QPSK	36	39	22.88	0.194	22.62	0.183	22.61	0.182
15	QPSK	75	0	23.01	0.200	22.64	0.184	22.74	0.188
15	16QAM	1	0	22.58	0.181	22.36	0.172	22.30	0.170
15	16QAM	1	37	22.97	0.198	22.53	0.179	22.56	0.180
15	16QAM	1	74	22.62	0.183	22.27	0.169	22.32	0.171
15	16QAM	36	0	21.92	0.156	21.65	0.146	21.63	0.146
15	16QAM	36	20	21.92	0.156	21.63	0.146	21.64	0.146
15	16QAM	36	39	21.82	0.152	21.58	0.144	21.48	0.141
15	16QAM	75	0	21.95	0.157	21.58	0.144	21.61	0.145
15	64QAM	1	0	21.58	0.144	21.63	0.146	21.58	0.144
15	64QAM	1	37	21.87	0.154	21.95	0.157	21.94	0.156
15	64QAM	1	74	21.46	0.140	21.56	0.143	21.45	0.140
15	64QAM	36	0	20.82	0.121	20.84	0.121	20.84	0.121
15	64QAM	36	20	20.81	0.121	20.86	0.122	20.75	0.119
15	64QAM	36	39	20.73	0.118	20.87	0.122	20.75	0.119
15	64QAM	75	0	20.61	0.115	20.74	0.119	20.63	0.116



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				40090		40640		41190	
Frequency (MHz)				2540		2595		2650	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	23.69	0.234	23.34	0.216	23.38	0.218
10	QPSK	1	25	24.01	0.252	23.65	0.232	23.71	0.235
10	QPSK	1	49	23.54	0.226	23.23	0.210	23.25	0.211
10	QPSK	25	0	22.97	0.198	22.75	0.188	22.73	0.187
10	QPSK	25	12	23.01	0.200	22.63	0.183	22.60	0.182
10	QPSK	25	25	22.82	0.191	22.58	0.181	22.57	0.181
10	QPSK	50	0	23.05	0.202	22.70	0.186	22.67	0.185
10	16QAM	1	0	22.65	0.184	22.37	0.173	22.30	0.170
10	16QAM	1	25	23.03	0.201	22.58	0.181	22.57	0.181
10	16QAM	1	49	22.63	0.183	22.26	0.168	22.30	0.170
10	16QAM	25	0	21.91	0.155	21.64	0.146	21.65	0.146
10	16QAM	25	12	21.91	0.155	21.56	0.143	21.61	0.145
10	16QAM	25	25	21.85	0.153	21.58	0.144	21.51	0.142
10	16QAM	50	0	21.93	0.156	21.62	0.145	21.65	0.146
10	64QAM	1	0	21.54	0.143	21.56	0.143	21.49	0.141
10	64QAM	1	25	21.84	0.153	21.97	0.157	21.94	0.156
10	64QAM	1	49	21.48	0.141	21.52	0.142	21.44	0.139
10	64QAM	25	0	20.82	0.121	20.89	0.123	20.83	0.121
10	64QAM	25	12	20.80	0.120	20.82	0.121	20.81	0.121
10	64QAM	25	25	20.75	0.119	20.86	0.122	20.76	0.119
10	64QAM	50	0	20.66	0.116	20.71	0.118	20.62	0.115



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				40065		40640		41215	
Frequency (MHz)				2537.5		2595		2652.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	23.68	0.233	23.35	0.216	23.40	0.219
5	QPSK	1	12	23.97	0.249	23.68	0.233	23.74	0.237
5	QPSK	1	24	23.54	0.226	23.19	0.208	23.24	0.211
5	QPSK	12	0	23.00	0.200	22.71	0.187	22.79	0.190
5	QPSK	12	7	23.00	0.200	22.58	0.181	22.67	0.185
5	QPSK	12	13	22.89	0.195	22.61	0.182	22.53	0.179
5	QPSK	25	0	23.03	0.201	22.66	0.185	22.67	0.185
5	16QAM	1	0	22.57	0.181	22.32	0.171	22.30	0.170
5	16QAM	1	12	22.98	0.199	22.62	0.183	22.53	0.179
5	16QAM	1	24	22.56	0.180	22.28	0.169	22.26	0.168
5	16QAM	12	0	21.93	0.156	21.61	0.145	21.58	0.144
5	16QAM	12	7	21.92	0.156	21.56	0.143	21.64	0.146
5	16QAM	12	13	21.84	0.153	21.57	0.144	21.49	0.141
5	16QAM	25	0	21.90	0.155	21.66	0.147	21.60	0.145
5	64QAM	1	0	21.55	0.143	21.58	0.144	21.55	0.143
5	64QAM	1	12	21.83	0.152	21.92	0.156	21.89	0.155
5	64QAM	1	24	21.42	0.139	21.56	0.143	21.46	0.140
5	64QAM	12	0	20.83	0.121	20.92	0.124	20.87	0.122
5	64QAM	12	7	20.78	0.120	20.84	0.121	20.78	0.120
5	64QAM	12	13	20.78	0.120	20.88	0.122	20.80	0.120
5	64QAM	25	0	20.66	0.116	20.69	0.117	20.71	0.118



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				40140		40640		41140	
Frequency (MHz)				2545		2595		2645	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	20.92	0.124	20.95	0.124	20.93	0.124
20	QPSK	1	49	21.24	0.133	21.29	0.135	21.21	0.132
20	QPSK	1	99	20.91	0.123	20.93	0.124	20.88	0.122
20	QPSK	50	0	20.05	0.101	20.21	0.105	19.99	0.100
20	QPSK	50	24	20.11	0.103	20.13	0.103	20.03	0.101
20	QPSK	50	50	20.06	0.101	20.11	0.103	20.06	0.101
20	QPSK	100	0	20.11	0.103	20.20	0.105	20.14	0.103
20	16QAM	1	0	20.06	0.101	20.16	0.104	20.07	0.102
20	16QAM	1	49	20.20	0.105	20.22	0.105	20.19	0.104
20	16QAM	1	99	20.04	0.101	20.14	0.103	20.13	0.103
20	16QAM	50	0	19.06	0.081	19.12	0.082	19.08	0.081
20	16QAM	50	24	19.08	0.081	19.17	0.083	19.14	0.082
20	16QAM	50	50	19.04	0.080	19.14	0.082	19.11	0.081
20	16QAM	100	0	19.13	0.082	19.17	0.083	19.14	0.082
20	64QAM	1	0	19.08	0.081	19.19	0.083	19.09	0.081
20	64QAM	1	49	19.21	0.083	19.26	0.084	19.28	0.085
20	64QAM	1	99	19.11	0.081	19.20	0.083	19.21	0.083
20	64QAM	50	0	18.11	0.065	18.13	0.065	18.11	0.065
20	64QAM	50	24	18.15	0.065	18.24	0.067	18.24	0.067
20	64QAM	50	50	18.12	0.065	18.16	0.065	18.15	0.065
20	64QAM	100	0	18.18	0.066	18.24	0.067	18.22	0.066



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				40115		40640		41165	
Frequency (MHz)				2542.5		2595		2647.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	20.82	0.121	20.89	0.123	20.90	0.123
15	QPSK	1	37	21.15	0.130	21.24	0.133	21.18	0.131
15	QPSK	1	74	20.84	0.121	20.89	0.123	20.78	0.120
15	QPSK	36	0	20.02	0.100	20.02	0.100	19.90	0.098
15	QPSK	36	20	20.09	0.102	20.10	0.102	19.99	0.100
15	QPSK	36	39	20.04	0.101	20.07	0.102	20.04	0.101
15	QPSK	75	0	20.08	0.102	20.17	0.104	20.04	0.101
15	16QAM	1	0	19.97	0.099	20.11	0.103	20.01	0.100
15	16QAM	1	37	20.18	0.104	20.12	0.103	20.17	0.104
15	16QAM	1	74	19.96	0.099	20.10	0.102	20.09	0.102
15	16QAM	36	0	19.03	0.080	19.05	0.080	19.07	0.081
15	16QAM	36	20	19.06	0.081	19.07	0.081	19.10	0.081
15	16QAM	36	39	18.95	0.079	19.06	0.081	19.10	0.081
15	16QAM	75	0	19.07	0.081	19.16	0.082	19.04	0.080
15	64QAM	1	0	19.15	0.082	19.21	0.083	19.15	0.082
15	64QAM	1	37	19.27	0.085	19.28	0.085	19.24	0.084
15	64QAM	1	74	19.11	0.081	19.18	0.083	19.16	0.082
15	64QAM	36	0	18.09	0.064	18.15	0.065	18.11	0.065
15	64QAM	36	20	18.15	0.065	18.25	0.067	18.24	0.067
15	64QAM	36	39	18.14	0.065	18.23	0.067	18.20	0.066
15	64QAM	75	0	18.17	0.066	18.24	0.067	18.19	0.066



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				40090		40640		41190	
Frequency (MHz)				2540		2595		2650	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	20.90	0.123	20.89	0.123	20.91	0.123
10	QPSK	1	25	21.17	0.131	21.24	0.133	21.16	0.131
10	QPSK	1	49	20.90	0.123	20.83	0.121	20.87	0.122
10	QPSK	25	0	19.99	0.100	20.07	0.102	19.93	0.098
10	QPSK	25	12	20.09	0.102	20.05	0.101	19.94	0.099
10	QPSK	25	25	20.01	0.100	20.08	0.102	19.97	0.099
10	QPSK	50	0	20.03	0.101	20.14	0.103	20.06	0.101
10	16QAM	1	0	20.01	0.100	20.09	0.102	20.05	0.101
10	16QAM	1	25	20.12	0.103	20.16	0.104	20.14	0.103
10	16QAM	1	49	20.02	0.100	20.11	0.103	20.08	0.102
10	16QAM	25	0	19.04	0.080	19.07	0.081	19.00	0.079
10	16QAM	25	12	19.07	0.081	19.07	0.081	19.05	0.080
10	16QAM	25	25	18.94	0.078	19.07	0.081	19.07	0.081
10	16QAM	50	0	19.07	0.081	19.09	0.081	19.12	0.082
10	64QAM	1	0	19.10	0.081	19.24	0.084	19.17	0.083
10	64QAM	1	25	19.24	0.084	19.31	0.085	19.26	0.084
10	64QAM	1	49	19.11	0.081	19.16	0.082	19.16	0.082
10	64QAM	25	0	18.09	0.064	18.14	0.065	18.14	0.065
10	64QAM	25	12	18.14	0.065	18.22	0.066	18.21	0.066
10	64QAM	25	25	18.05	0.064	18.19	0.066	18.13	0.065
10	64QAM	50	0	18.19	0.066	18.21	0.066	18.16	0.065



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				40065		40640		41215	
Frequency (MHz)				2537.5		2595		2652.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	20.82	0.121	20.85	0.122	20.88	0.122
5	QPSK	1	12	21.14	0.130	21.28	0.134	21.13	0.130
5	QPSK	1	24	20.82	0.121	20.90	0.123	20.87	0.122
5	QPSK	12	0	20.00	0.100	20.06	0.101	19.89	0.097
5	QPSK	12	7	20.08	0.102	20.06	0.101	19.95	0.099
5	QPSK	12	13	19.99	0.100	20.04	0.101	20.00	0.100
5	QPSK	25	0	20.07	0.102	20.16	0.104	20.07	0.102
5	16QAM	1	0	19.97	0.099	20.10	0.102	19.99	0.100
5	16QAM	1	12	20.16	0.104	20.21	0.105	20.09	0.102
5	16QAM	1	24	19.97	0.099	20.10	0.102	20.10	0.102
5	16QAM	12	0	18.97	0.079	19.08	0.081	19.04	0.080
5	16QAM	12	7	19.04	0.080	19.10	0.081	19.13	0.082
5	16QAM	12	13	18.99	0.079	19.04	0.080	19.06	0.081
5	16QAM	25	0	19.08	0.081	19.12	0.082	19.12	0.082
5	64QAM	1	0	19.10	0.081	19.22	0.084	19.09	0.081
5	64QAM	1	12	19.26	0.084	19.25	0.084	19.28	0.085
5	64QAM	1	24	19.12	0.082	19.19	0.083	19.15	0.082
5	64QAM	12	0	18.12	0.065	18.22	0.066	18.09	0.064
5	64QAM	12	7	18.18	0.066	18.25	0.067	18.24	0.067
5	64QAM	12	13	18.11	0.065	18.16	0.065	18.18	0.066
5	64QAM	25	0	18.23	0.067	18.27	0.067	18.16	0.065





LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				132072		132322		132572	
Frequency (MHz)				1720		1745		1770	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	21.83	0.152	21.88	0.154	21.85	0.153
20	QPSK	1	49	22.08	0.161	22.12	0.163	22.06	0.161
20	QPSK	1	99	21.73	0.149	21.80	0.151	21.76	0.150
20	QPSK	50	0	21.25	0.133	21.28	0.134	21.19	0.132
20	QPSK	50	24	21.14	0.130	21.24	0.133	21.23	0.133
20	QPSK	50	50	21.15	0.130	21.22	0.132	21.21	0.132
20	QPSK	100	0	21.15	0.130	21.20	0.132	21.11	0.129
20	16QAM	1	0	21.10	0.129	21.16	0.131	21.11	0.129
20	16QAM	1	49	21.41	0.138	21.45	0.140	21.41	0.138
20	16QAM	1	99	21.00	0.126	21.05	0.127	20.96	0.125
20	16QAM	50	0	20.18	0.104	20.22	0.105	20.12	0.103
20	16QAM	50	24	20.16	0.104	20.20	0.105	20.13	0.103
20	16QAM	50	50	20.15	0.104	20.20	0.105	20.11	0.103
20	16QAM	100	0	20.09	0.102	20.17	0.104	20.15	0.104
20	64QAM	1	0	20.05	0.101	20.08	0.102	19.98	0.100
20	64QAM	1	49	20.37	0.109	20.38	0.109	20.35	0.108
20	64QAM	1	99	19.94	0.099	20.01	0.100	19.93	0.098
20	64QAM	50	0	19.20	0.083	19.21	0.083	19.15	0.082
20	64QAM	50	24	19.09	0.081	19.19	0.083	19.11	0.081
20	64QAM	50	50	19.15	0.082	19.17	0.083	19.09	0.081
20	64QAM	100	0	19.11	0.081	19.15	0.082	19.11	0.081



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				132047		132322		132597	
Frequency (MHz)				1717.5		1745		1772.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	21.75	0.150	21.82	0.152	21.79	0.151
15	QPSK	1	37	22.04	0.160	22.02	0.159	22.01	0.159
15	QPSK	1	74	21.69	0.148	21.79	0.151	21.67	0.147
15	QPSK	36	0	21.21	0.132	21.20	0.132	21.14	0.130
15	QPSK	36	20	21.13	0.130	21.18	0.131	21.13	0.130
15	QPSK	36	39	21.12	0.129	21.15	0.130	21.13	0.130
15	QPSK	75	0	21.08	0.128	21.11	0.129	21.07	0.128
15	16QAM	1	0	21.08	0.128	21.11	0.129	21.02	0.126
15	16QAM	1	37	21.36	0.137	21.41	0.138	21.37	0.137
15	16QAM	1	74	20.91	0.123	21.02	0.126	20.92	0.124
15	16QAM	36	0	20.16	0.104	20.16	0.104	20.05	0.101
15	16QAM	36	20	20.10	0.102	20.16	0.104	20.08	0.102
15	16QAM	36	39	20.14	0.103	20.11	0.103	20.02	0.100
15	16QAM	75	0	20.06	0.101	20.09	0.102	20.13	0.103
15	64QAM	1	0	20.03	0.101	20.01	0.100	19.97	0.099
15	64QAM	1	37	20.28	0.107	20.37	0.109	20.28	0.107
15	64QAM	1	74	19.93	0.098	19.99	0.100	19.90	0.098
15	64QAM	36	0	19.19	0.083	19.13	0.082	19.08	0.081
15	64QAM	36	20	19.05	0.080	19.14	0.082	19.09	0.081
15	64QAM	36	39	19.11	0.081	19.07	0.081	19.00	0.079
15	64QAM	75	0	19.04	0.080	19.07	0.081	19.02	0.080



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				132022		132322		132622	
Frequency (MHz)				1715		1745		1775	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	21.74	0.149	21.87	0.154	21.80	0.151
10	QPSK	1	25	22.03	0.160	22.09	0.162	21.98	0.158
10	QPSK	1	49	21.71	0.148	21.70	0.148	21.71	0.148
10	QPSK	25	0	21.17	0.131	21.27	0.134	21.15	0.130
10	QPSK	25	12	21.11	0.129	21.18	0.131	21.21	0.132
10	QPSK	25	25	21.05	0.127	21.13	0.130	21.15	0.130
10	QPSK	50	0	21.14	0.130	21.13	0.130	21.04	0.127
10	16QAM	1	0	21.06	0.128	21.10	0.129	21.08	0.128
10	16QAM	1	25	21.37	0.137	21.38	0.137	21.32	0.136
10	16QAM	1	49	20.92	0.124	20.99	0.126	20.90	0.123
10	16QAM	25	0	20.17	0.104	20.12	0.103	20.06	0.101
10	16QAM	25	12	20.06	0.101	20.16	0.104	20.03	0.101
10	16QAM	25	25	20.09	0.102	20.13	0.103	20.10	0.102
10	16QAM	50	0	20.04	0.101	20.07	0.102	20.08	0.102
10	64QAM	1	0	19.98	0.100	19.99	0.100	19.94	0.099
10	64QAM	1	25	20.28	0.107	20.29	0.107	20.31	0.107
10	64QAM	1	49	19.88	0.097	19.95	0.099	19.85	0.097
10	64QAM	25	0	19.15	0.082	19.17	0.083	19.14	0.082
10	64QAM	25	12	18.99	0.079	19.13	0.082	19.08	0.081
10	64QAM	25	25	19.08	0.081	19.12	0.082	19.05	0.080
10	64QAM	50	0	19.03	0.080	19.06	0.081	19.09	0.081



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				131997		132322		132647	
Frequency (MHz)				1712.5		1745		1777.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	21.81	0.152	21.84	0.153	21.77	0.150
5	QPSK	1	12	22.06	0.161	22.02	0.159	21.97	0.157
5	QPSK	1	24	21.72	0.149	21.71	0.148	21.71	0.148
5	QPSK	12	0	21.22	0.132	21.19	0.132	21.15	0.130
5	QPSK	12	7	21.11	0.129	21.16	0.131	21.21	0.132
5	QPSK	12	13	21.14	0.130	21.20	0.132	21.12	0.129
5	QPSK	25	0	21.10	0.129	21.17	0.131	21.04	0.127
5	16QAM	1	0	21.01	0.126	21.11	0.129	21.10	0.129
5	16QAM	1	12	21.34	0.136	21.35	0.136	21.39	0.138
5	16QAM	1	24	20.93	0.124	21.00	0.126	20.95	0.124
5	16QAM	12	0	20.12	0.103	20.16	0.104	20.11	0.103
5	16QAM	12	7	20.13	0.103	20.14	0.103	20.07	0.102
5	16QAM	12	13	20.08	0.102	20.16	0.104	20.02	0.100
5	16QAM	25	0	20.08	0.102	20.12	0.103	20.09	0.102
5	64QAM	1	0	19.95	0.099	20.04	0.101	19.95	0.099
5	64QAM	1	12	20.35	0.108	20.30	0.107	20.27	0.106
5	64QAM	1	24	19.88	0.097	20.00	0.100	19.89	0.097
5	64QAM	12	0	19.18	0.083	19.20	0.083	19.12	0.082
5	64QAM	12	7	19.04	0.080	19.12	0.082	19.09	0.081
5	64QAM	12	13	19.07	0.081	19.08	0.081	19.04	0.080
5	64QAM	25	0	19.09	0.081	19.07	0.081	19.10	0.081



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				131987		132322		132657	
Frequency (MHz)				1711.5		1745		1778.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	21.80	0.151	21.83	0.152	21.84	0.153
3	QPSK	1	8	22.00	0.158	22.10	0.162	22.03	0.160
3	QPSK	1	14	21.65	0.146	21.74	0.149	21.72	0.149
3	QPSK	8	0	21.18	0.131	21.24	0.133	21.14	0.130
3	QPSK	8	4	21.09	0.129	21.16	0.131	21.15	0.130
3	QPSK	8	7	21.09	0.129	21.19	0.132	21.18	0.131
3	QPSK	15	0	21.05	0.127	21.10	0.129	21.06	0.128
3	16QAM	1	0	21.03	0.127	21.14	0.130	21.05	0.127
3	16QAM	1	8	21.39	0.138	21.43	0.139	21.38	0.137
3	16QAM	1	14	20.95	0.124	20.96	0.125	20.92	0.124
3	16QAM	8	0	20.16	0.104	20.20	0.105	20.04	0.101
3	16QAM	8	4	20.13	0.103	20.15	0.104	20.04	0.101
3	16QAM	8	7	20.08	0.102	20.19	0.104	20.01	0.100
3	16QAM	15	0	20.03	0.101	20.13	0.103	20.12	0.103
3	64QAM	1	0	20.00	0.100	20.02	0.100	19.91	0.098
3	64QAM	1	8	20.36	0.109	20.32	0.108	20.33	0.108
3	64QAM	1	14	19.86	0.097	19.99	0.100	19.85	0.097
3	64QAM	8	0	19.18	0.083	19.20	0.083	19.08	0.081
3	64QAM	8	4	19.02	0.080	19.15	0.082	19.09	0.081
3	64QAM	8	7	19.09	0.081	19.10	0.081	19.08	0.081
3	64QAM	15	0	19.10	0.081	19.10	0.081	19.05	0.080



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				131979		132322		132665	
Frequency (MHz)				1710.7		1745		1779.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	21.82	0.152	21.85	0.153	21.76	0.150
1.4	QPSK	1	3	22.00	0.158	22.04	0.160	22.05	0.160
1.4	QPSK	1	5	21.64	0.146	21.70	0.148	21.71	0.148
1.4	QPSK	3	0	21.78	0.151	21.76	0.150	21.72	0.149
1.4	QPSK	3	1	21.64	0.146	21.71	0.148	21.70	0.148
1.4	QPSK	3	3	21.68	0.147	21.75	0.150	21.74	0.149
1.4	QPSK	6	0	21.05	0.127	21.10	0.129	21.05	0.127
1.4	16QAM	1	0	21.07	0.128	21.09	0.129	21.06	0.128
1.4	16QAM	1	3	21.32	0.136	21.36	0.137	21.32	0.136
1.4	16QAM	1	5	20.98	0.125	21.01	0.126	20.92	0.124
1.4	16QAM	3	0	20.72	0.118	20.67	0.117	20.60	0.115
1.4	16QAM	3	1	20.65	0.116	20.74	0.119	20.67	0.117
1.4	16QAM	3	3	20.65	0.116	20.72	0.118	20.63	0.116
1.4	16QAM	6	0	20.07	0.102	20.12	0.103	20.06	0.101
1.4	64QAM	1	0	19.97	0.099	20.05	0.101	19.91	0.098
1.4	64QAM	1	3	20.36	0.109	20.31	0.107	20.34	0.108
1.4	64QAM	1	5	19.85	0.097	19.98	0.100	19.84	0.096
1.4	64QAM	3	0	19.73	0.094	19.74	0.094	19.69	0.093
1.4	64QAM	3	1	19.59	0.091	19.70	0.093	19.65	0.092
1.4	64QAM	3	3	19.65	0.092	19.64	0.092	19.55	0.090
1.4	64QAM	6	0	19.02	0.080	19.14	0.082	19.01	0.080



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	18.83	0.076	18.85	0.077	18.80	0.076
20	QPSK	1	49	19.17	0.083	19.22	0.084	19.15	0.082
20	QPSK	1	99	18.87	0.077	18.94	0.078	18.87	0.077
20	QPSK	50	0	18.26	0.067	18.30	0.068	18.20	0.066
20	QPSK	50	24	18.20	0.066	18.24	0.067	18.20	0.066
20	QPSK	50	50	18.22	0.066	18.25	0.067	18.17	0.066
20	QPSK	100	0	18.25	0.067	18.28	0.067	18.20	0.066
20	16QAM	1	0	18.08	0.064	18.17	0.066	18.16	0.065
20	16QAM	1	49	18.49	0.071	18.50	0.071	18.44	0.070
20	16QAM	1	99	18.15	0.065	18.21	0.066	18.12	0.065
20	16QAM	50	0	17.18	0.052	17.28	0.053	17.27	0.053
20	16QAM	50	24	17.21	0.053	17.24	0.053	17.16	0.052
20	16QAM	50	50	17.28	0.053	17.30	0.054	17.21	0.053
20	16QAM	100	0	17.26	0.053	17.29	0.054	17.26	0.053
20	64QAM	1	0	16.99	0.050	17.00	0.050	16.97	0.050
20	64QAM	1	49	17.23	0.053	17.33	0.054	17.27	0.053
20	64QAM	1	99	17.05	0.051	17.09	0.051	17.04	0.051
20	64QAM	50	0	16.18	0.041	16.26	0.042	16.16	0.041
20	64QAM	50	24	16.17	0.041	16.22	0.042	16.21	0.042
20	64QAM	50	50	16.14	0.041	16.20	0.042	16.15	0.041
20	64QAM	100	0	16.23	0.042	16.25	0.042	16.15	0.041



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	18.79	0.076	18.83	0.076	18.76	0.075
15	QPSK	1	37	19.08	0.081	19.13	0.082	19.13	0.082
15	QPSK	1	74	18.81	0.076	18.89	0.077	18.86	0.077
15	QPSK	36	0	18.18	0.066	18.28	0.067	18.17	0.066
15	QPSK	36	20	18.16	0.065	18.14	0.065	18.13	0.065
15	QPSK	36	39	18.20	0.066	18.17	0.066	18.08	0.064
15	QPSK	75	0	18.20	0.066	18.20	0.066	18.10	0.065
15	16QAM	1	0	18.05	0.064	18.09	0.064	18.14	0.065
15	16QAM	1	37	18.48	0.070	18.42	0.070	18.36	0.069
15	16QAM	1	74	18.11	0.065	18.16	0.065	18.05	0.064
15	16QAM	36	0	17.12	0.052	17.27	0.053	17.22	0.053
15	16QAM	36	20	17.13	0.052	17.15	0.052	17.06	0.051
15	16QAM	36	39	17.27	0.053	17.21	0.053	17.19	0.052
15	16QAM	75	0	17.18	0.052	17.26	0.053	17.25	0.053
15	64QAM	1	0	16.90	0.049	16.96	0.050	16.96	0.050
15	64QAM	1	37	17.15	0.052	17.31	0.054	17.19	0.052
15	64QAM	1	74	17.03	0.050	17.01	0.050	16.98	0.050
15	64QAM	36	0	16.15	0.041	16.18	0.041	16.06	0.040
15	64QAM	36	20	16.15	0.041	16.20	0.042	16.12	0.041
15	64QAM	36	39	16.06	0.040	16.12	0.041	16.14	0.041
15	64QAM	75	0	16.15	0.041	16.20	0.042	16.10	0.041





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	18.82	0.076	18.75	0.075	18.70	0.074
10	QPSK	1	25	19.11	0.081	19.17	0.083	19.05	0.080
10	QPSK	1	49	18.85	0.077	18.93	0.078	18.77	0.075
10	QPSK	25	0	18.20	0.066	18.27	0.067	18.13	0.065
10	QPSK	25	12	18.15	0.065	18.19	0.066	18.15	0.065
10	QPSK	25	25	18.17	0.066	18.21	0.066	18.12	0.065
10	QPSK	50	0	18.24	0.067	18.27	0.067	18.13	0.065
10	16QAM	1	0	18.05	0.064	18.11	0.065	18.07	0.064
10	16QAM	1	25	18.45	0.070	18.49	0.071	18.38	0.069
10	16QAM	1	49	18.13	0.065	18.17	0.066	18.05	0.064
10	16QAM	25	0	17.08	0.051	17.19	0.052	17.24	0.053
10	16QAM	25	12	17.19	0.052	17.18	0.052	17.11	0.051
10	16QAM	25	25	17.24	0.053	17.23	0.053	17.17	0.052
10	16QAM	50	0	17.20	0.052	17.19	0.052	17.20	0.052
10	64QAM	1	0	16.96	0.050	16.94	0.049	16.90	0.049
10	64QAM	1	25	17.18	0.052	17.30	0.054	17.18	0.052
10	64QAM	1	49	17.03	0.050	17.07	0.051	16.97	0.050
10	64QAM	25	0	16.15	0.041	16.16	0.041	16.11	0.041
10	64QAM	25	12	16.11	0.041	16.21	0.042	16.13	0.041
10	64QAM	25	25	16.13	0.041	16.14	0.041	16.13	0.041
10	64QAM	50	0	16.21	0.042	16.20	0.042	16.07	0.040



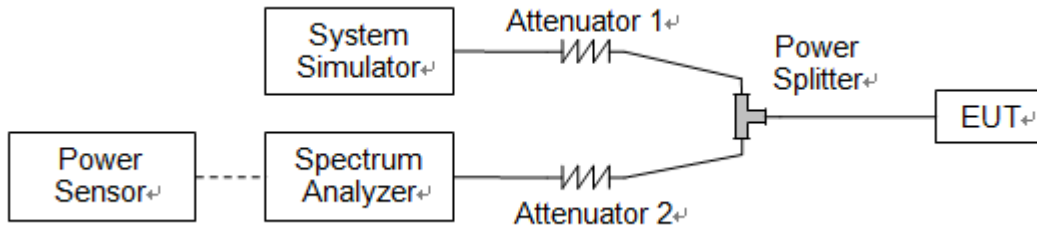
LTE Band 71				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				133147		133297		133447	
Frequency (MHz)				665.5		680.5		695.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	18.78	0.076	18.83	0.076	18.79	0.076
5	QPSK	1	12	19.07	0.081	19.21	0.083	19.13	0.082
5	QPSK	1	24	18.85	0.077	18.92	0.078	18.81	0.076
5	QPSK	12	0	18.21	0.066	18.23	0.067	18.17	0.066
5	QPSK	12	7	18.13	0.065	18.23	0.067	18.17	0.066
5	QPSK	12	13	18.20	0.066	18.21	0.066	18.13	0.065
5	QPSK	25	0	18.15	0.065	18.18	0.066	18.18	0.066
5	16QAM	1	0	17.98	0.063	18.15	0.065	18.06	0.064
5	16QAM	1	12	18.40	0.069	18.47	0.070	18.43	0.070
5	16QAM	1	24	18.12	0.065	18.14	0.065	18.02	0.063
5	16QAM	12	0	17.08	0.051	17.21	0.053	17.25	0.053
5	16QAM	12	7	17.19	0.052	17.14	0.052	17.15	0.052
5	16QAM	12	13	17.26	0.053	17.28	0.053	17.13	0.052
5	16QAM	25	0	17.25	0.053	17.27	0.053	17.22	0.053
5	64QAM	1	0	16.97	0.050	16.94	0.049	16.94	0.049
5	64QAM	1	12	17.22	0.053	17.29	0.054	17.21	0.053
5	64QAM	1	24	16.99	0.050	17.07	0.051	16.95	0.050
5	64QAM	12	0	16.17	0.041	16.24	0.042	16.09	0.041
5	64QAM	12	7	16.09	0.041	16.19	0.042	16.16	0.041
5	64QAM	12	13	16.08	0.041	16.11	0.041	16.08	0.041
5	64QAM	25	0	16.16	0.041	16.15	0.041	16.08	0.041

## 2.2. Occupied Bandwidth

### 2.2.1. Requirement

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

### 2.2.2. Test Description



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

### 2.2.3. Test Procedure

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

### 2.2.4. Test Result



LTE Band 2				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.09	1.28
	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	1.30
	High	QPSK	1.09	1.27
	High	16QAM	1.10	1.29
	High	64QAM	1.10	1.29
3	Low	QPSK	2.69	2.91
	Low	16QAM	2.69	2.93
	Low	64QAM	2.70	2.92
	Mid	QPSK	2.69	2.92
	Mid	16QAM	2.69	2.93
	Mid	64QAM	2.69	2.92
	High	QPSK	2.69	2.92
	High	16QAM	2.69	2.93
	High	64QAM	2.69	2.92
5	Low	QPSK	4.50	4.93
	Low	16QAM	4.50	5.52
	Low	64QAM	4.51	5.11
	Mid	QPSK	4.50	4.93
	Mid	16QAM	4.51	5.18
	Mid	64QAM	4.51	5.23
	High	QPSK	4.50	4.90
	High	16QAM	4.51	5.06
	High	64QAM	4.50	4.93
10	Low	QPSK	9.00	9.76
	Low	16QAM	8.98	9.68
	Low	64QAM	8.98	9.78
	Mid	QPSK	8.98	9.74
	Mid	16QAM	8.97	9.66
	Mid	64QAM	8.98	9.80
	High	QPSK	9.01	9.73
	High	16QAM	9.00	9.88
	High	64QAM	9.02	10.88



15	Low	QPSK	13.45	14.56
	Low	16QAM	13.46	14.43
	Low	64QAM	13.44	14.62
	Mid	QPSK	13.45	14.44
	Mid	16QAM	13.48	14.55
	Mid	64QAM	13.50	15.57
	High	QPSK	13.52	14.63
	High	16QAM	13.50	15.24
	High	64QAM	13.50	14.65
20	Low	QPSK	17.93	19.36
	Low	16QAM	17.94	19.20
	Low	64QAM	17.94	19.46
	Mid	QPSK	18.02	19.55
	Mid	16QAM	18.05	20.58
	Mid	64QAM	18.04	19.44
	High	QPSK	17.99	19.69
	High	16QAM	18.01	19.40
	High	64QAM	17.99	19.33



LTE Band 4				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.10	1.25
	Low	16QAM	1.10	1.30
	Low	64QAM	1.10	1.29
	Mid	QPSK	1.10	1.28
	Mid	16QAM	1.10	1.30
	Mid	64QAM	1.10	1.30
	High	QPSK	1.09	1.27
	High	16QAM	1.10	1.28
	High	64QAM	1.10	1.30
3	Low	QPSK	2.69	2.92
	Low	16QAM	2.69	2.91
	Low	64QAM	2.70	2.91
	Mid	QPSK	2.69	2.91
	Mid	16QAM	2.69	2.93
	Mid	64QAM	2.70	2.92
	High	QPSK	2.69	2.91
	High	16QAM	2.69	2.89
	High	64QAM	2.70	2.91
5	Low	QPSK	4.50	4.95
	Low	16QAM	4.50	4.90
	Low	64QAM	4.50	4.87
	Mid	QPSK	4.50	4.92
	Mid	16QAM	4.49	4.94
	Mid	64QAM	4.50	4.91
	High	QPSK	4.50	4.94
	High	16QAM	4.49	4.90
	High	64QAM	4.50	4.94
10	Low	QPSK	8.96	9.57
	Low	16QAM	8.96	9.70
	Low	64QAM	8.98	9.75
	Mid	QPSK	8.99	9.73
	Mid	16QAM	8.97	9.71
	Mid	64QAM	8.97	9.78
	High	QPSK	8.99	9.76
	High	16QAM	8.96	9.69
	High	64QAM	8.98	9.75



15	Low	QPSK	13.46	14.66
	Low	16QAM	13.46	14.54
	Low	64QAM	13.43	14.68
	Mid	QPSK	13.49	14.56
	Mid	16QAM	13.47	14.68
	Mid	64QAM	13.44	14.68
	High	QPSK	13.41	14.45
	High	16QAM	13.45	14.57
	High	64QAM	13.44	14.68
20	Low	QPSK	17.97	19.35
	Low	16QAM	17.98	19.40
	Low	64QAM	17.98	19.45
	Mid	QPSK	17.96	19.34
	Mid	16QAM	17.95	19.04
	Mid	64QAM	17.98	19.29
	High	QPSK	17.95	19.47
	High	16QAM	17.96	19.37
	High	64QAM	17.97	19.38



LTE Band 5				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.09	1.30
	Low	16QAM	1.09	1.28
	Low	64QAM	1.09	1.29
	Mid	QPSK	1.09	1.28
	Mid	16QAM	1.10	1.29
	Mid	64QAM	1.10	1.28
	High	QPSK	1.09	1.27
	High	16QAM	1.10	1.29
	High	64QAM	1.10	1.29
3	Low	QPSK	2.69	2.92
	Low	16QAM	2.69	2.93
	Low	64QAM	2.70	2.91
	Mid	QPSK	2.69	2.92
	Mid	16QAM	2.69	2.93
	Mid	64QAM	2.69	2.92
	High	QPSK	2.69	2.92
	High	16QAM	2.70	2.93
	High	64QAM	2.70	2.91
5	Low	QPSK	4.49	4.93
	Low	16QAM	4.49	4.92
	Low	64QAM	4.50	4.92
	Mid	QPSK	4.49	4.94
	Mid	16QAM	4.51	4.93
	Mid	64QAM	4.51	4.95
	High	QPSK	4.50	4.88
	High	16QAM	4.50	4.94
	High	64QAM	4.50	5.02
10	Low	QPSK	8.99	9.71
	Low	16QAM	8.96	9.67
	Low	64QAM	8.98	9.80
	Mid	QPSK	8.99	9.69
	Mid	16QAM	8.97	9.67
	Mid	64QAM	8.97	9.74
	High	QPSK	9.01	9.89
	High	16QAM	8.89	9.38
	High	64QAM	8.98	9.79





LTE Band 12				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.09	1.30
	Low	16QAM	1.10	1.30
	Low	64QAM	1.10	1.29
	Mid	QPSK	1.09	1.29
	Mid	16QAM	1.09	1.27
	Mid	64QAM	1.10	1.29
	High	QPSK	1.10	1.28
	High	16QAM	1.09	1.29
	High	64QAM	1.10	1.29
3	Low	QPSK	2.69	2.90
	Low	16QAM	2.69	2.91
	Low	64QAM	2.70	2.92
	Mid	QPSK	2.69	2.92
	Mid	16QAM	2.69	2.93
	Mid	64QAM	2.69	2.92
	High	QPSK	2.69	2.92
	High	16QAM	2.69	2.93
	High	64QAM	2.70	2.92
5	Low	QPSK	4.51	5.22
	Low	16QAM	4.51	5.13
	Low	64QAM	4.52	5.17
	Mid	QPSK	4.51	5.16
	Mid	16QAM	4.51	5.04
	Mid	64QAM	4.53	5.13
	High	QPSK	4.50	5.16
	High	16QAM	4.51	5.18
	High	64QAM	4.51	5.09
10	Low	QPSK	9.00	9.97
	Low	16QAM	8.97	9.90
	Low	64QAM	8.98	10.04
	Mid	QPSK	9.01	10.11
	Mid	16QAM	8.99	10.02
	Mid	64QAM	9.02	10.09
	High	QPSK	9.04	10.04
	High	16QAM	9.01	10.05
	High	64QAM	9.02	10.12



LTE Band 17				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.51	5.17
	Low	16QAM	4.51	5.09
	Low	64QAM	4.52	5.16
	Mid	QPSK	4.52	5.23
	Mid	16QAM	4.52	5.22
	Mid	64QAM	4.53	5.15
	High	QPSK	4.51	5.17
	High	16QAM	4.52	5.14
	High	64QAM	4.52	5.14
10	Low	QPSK	9.04	10.05
	Low	16QAM	9.01	9.96
	Low	64QAM	9.03	10.10
	Mid	QPSK	9.05	10.12
	Mid	16QAM	9.01	10.01
	Mid	64QAM	9.03	10.20
	High	QPSK	9.04	10.01
	High	16QAM	9.00	10.08
	High	64QAM	9.03	10.12



LTE Band 25				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.09	1.28
	Low	16QAM	1.10	1.28
	Low	64QAM	1.10	1.29
	Mid	QPSK	1.09	1.27
	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	1.31
3	Low	QPSK	2.69	2.93
	Low	16QAM	2.69	2.93
	Low	64QAM	2.70	2.93
	Mid	QPSK	2.69	2.91
	Mid	16QAM	2.69	2.93
	Mid	64QAM	2.70	2.92
	High	QPSK	2.69	2.91
	High	16QAM	2.68	2.91
	High	64QAM	2.69	2.91
5	Low	QPSK	4.52	5.17
	Low	16QAM	4.52	5.15
	Low	64QAM	4.51	5.14
	Mid	QPSK	4.51	5.18
	Mid	16QAM	4.52	5.21
	Mid	64QAM	4.53	5.18
	High	QPSK	4.51	5.15
	High	16QAM	4.51	5.13
	High	64QAM	4.53	5.13
10	Low	QPSK	9.02	10.09
	Low	16QAM	8.98	10.02
	Low	64QAM	9.00	10.11
	Mid	QPSK	9.03	9.94
	Mid	16QAM	8.99	10.03
	Mid	64QAM	9.01	10.10
	High	QPSK	8.96	9.92
	High	16QAM	8.95	10.00
	High	64QAM	8.95	9.98



15	Low	QPSK	13.51	15.07
	Low	16QAM	13.47	14.97
	Low	64QAM	13.46	15.03
	Mid	QPSK	13.54	14.99
	Mid	16QAM	13.52	15.55
	Mid	64QAM	13.48	15.06
	High	QPSK	13.46	15.00
	High	16QAM	13.46	14.86
	High	64QAM	13.44	14.96
20	Low	QPSK	17.95	19.65
	Low	16QAM	17.95	19.70
	Low	64QAM	17.98	19.80
	Mid	QPSK	18.01	19.87
	Mid	16QAM	18.05	19.88
	Mid	64QAM	18.02	20.07
	High	QPSK	17.97	19.66
	High	16QAM	18.01	19.70
	High	64QAM	18.02	19.75



LTE Band 26				
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	1.29
	Mid	QPSK	1.09	1.29
	Mid	16QAM	1.10	1.28
	Mid	64QAM	1.10	1.30
	High	QPSK	1.10	1.31
	High	16QAM	1.10	1.29
	High	64QAM	1.10	1.30
3	Low	QPSK	2.69	2.92
	Low	16QAM	2.69	2.92
	Low	64QAM	2.70	2.93
	Mid	QPSK	2.69	2.93
	Mid	16QAM	2.69	2.93
	Mid	64QAM	2.70	2.91
	High	QPSK	2.69	2.93
	High	16QAM	2.69	2.95
	High	64QAM	2.69	2.92
5	Low	QPSK	4.50	4.96
	Low	16QAM	4.50	4.92
	Low	64QAM	4.50	4.92
	Mid	QPSK	4.49	4.92
	Mid	16QAM	4.50	4.98
	Mid	64QAM	4.51	4.95
	High	QPSK	4.49	4.93
	High	16QAM	4.51	4.90
	High	64QAM	4.51	4.91
10	Low	QPSK	9.01	9.75
	Low	16QAM	8.97	9.72
	Low	64QAM	8.98	9.75
	Mid	QPSK	9.01	9.76
	Mid	16QAM	8.98	10.07
	Mid	64QAM	8.98	9.84
	High	QPSK	8.99	9.71
	High	16QAM	8.97	9.96
	High	64QAM	8.99	10.29



15	Low	QPSK	13.47	14.60
	Low	16QAM	13.46	14.55
	Low	64QAM	13.43	14.70
	Mid	QPSK	13.49	14.58
	Mid	16QAM	13.46	14.64
	Mid	64QAM	13.46	14.54
	High	QPSK	13.45	14.60
	High	16QAM	13.42	14.57
	High	64QAM	13.44	14.45



LTE Band 41				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.50	4.91
	Low	16QAM	4.51	4.87
	Low	64QAM	4.51	4.90
	Mid	QPSK	4.50	4.94
	Mid	16QAM	4.51	4.88
	Mid	64QAM	4.50	4.90
	High	QPSK	4.49	4.90
	High	16QAM	4.50	4.93
	High	64QAM	4.50	4.89
10	Low	QPSK	8.98	9.73
	Low	16QAM	8.97	9.70
	Low	64QAM	8.96	9.84
	Mid	QPSK	8.99	9.78
	Mid	16QAM	8.98	9.80
	Mid	64QAM	8.98	9.79
	High	QPSK	8.97	9.77
	High	16QAM	8.99	9.67
	High	64QAM	8.97	9.98
15	Low	QPSK	13.48	14.55
	Low	16QAM	13.47	14.59
	Low	64QAM	13.46	14.67
	Mid	QPSK	13.47	14.58
	Mid	16QAM	13.47	14.54
	Mid	64QAM	13.45	14.67
	High	QPSK	13.49	14.51
	High	16QAM	13.47	15.31
	High	64QAM	13.43	14.63
20	Low	QPSK	17.98	19.41
	Low	16QAM	17.96	19.39
	Low	64QAM	17.95	19.51
	Mid	QPSK	17.97	19.37
	Mid	16QAM	17.96	19.34
	Mid	64QAM	17.95	19.29
	High	QPSK	17.96	19.38
	High	16QAM	17.96	19.56
	High	64QAM	17.95	19.22



LTE Band 66				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
1.4	Low	QPSK	1.09	1.29
	Low	16QAM	1.10	1.29
	Low	64QAM	1.10	1.30
	Mid	QPSK	1.09	1.28
	Mid	16QAM	1.10	1.30
	Mid	64QAM	1.10	1.30
	High	QPSK	1.09	1.27
	High	16QAM	1.10	1.29
	High	64QAM	1.10	1.30
3	Low	QPSK	2.69	2.91
	Low	16QAM	2.69	2.92
	Low	64QAM	2.69	2.93
	Mid	QPSK	2.69	2.92
	Mid	16QAM	2.69	2.93
	Mid	64QAM	2.70	2.92
	High	QPSK	2.69	2.92
	High	16QAM	2.69	2.93
	High	64QAM	2.69	2.91
5	Low	QPSK	4.51	5.19
	Low	16QAM	4.51	5.20
	Low	64QAM	4.54	5.15
	Mid	QPSK	4.52	5.20
	Mid	16QAM	4.51	5.15
	Mid	64QAM	4.53	5.18
	High	QPSK	4.52	5.16
	High	16QAM	4.52	5.12
	High	64QAM	4.52	5.20
10	Low	QPSK	8.99	9.91
	Low	16QAM	8.97	10.02
	Low	64QAM	8.99	10.06
	Mid	QPSK	9.00	10.09
	Mid	16QAM	8.97	9.87
	Mid	64QAM	8.98	10.03
	High	QPSK	9.00	10.04
	High	16QAM	8.98	9.78
	High	64QAM	9.01	10.02





15	Low	QPSK	13.49	15.02
	Low	16QAM	13.49	15.02
	Low	64QAM	13.48	15.17
	Mid	QPSK	13.53	15.04
	Mid	16QAM	13.48	15.18
	Mid	64QAM	13.45	15.01
	High	QPSK	13.51	15.04
	High	16QAM	13.49	15.01
	High	64QAM	13.50	15.05
20	Low	QPSK	18.01	19.67
	Low	16QAM	18.00	20.34
	Low	64QAM	18.00	19.76
	Mid	QPSK	17.98	19.40
	Mid	16QAM	17.91	19.44
	Mid	64QAM	17.99	19.87
	High	QPSK	18.02	19.86
	High	16QAM	18.02	19.75
	High	64QAM	18.02	19.90



LTE Band 71				
BW(MHz)	Channel Level	Modulation	99% BW(MHz)	26dB BW(MHz)
5	Low	QPSK	4.52	5.17
	Low	16QAM	4.50	5.17
	Low	64QAM	4.53	5.17
	Mid	QPSK	4.52	5.20
	Mid	16QAM	4.51	5.17
	Mid	64QAM	4.53	5.18
	High	QPSK	4.52	5.26
	High	16QAM	4.53	5.22
	High	64QAM	4.53	5.14
10	Low	QPSK	9.01	10.04
	Low	16QAM	8.99	9.90
	Low	64QAM	9.00	10.11
	Mid	QPSK	9.04	10.15
	Mid	16QAM	8.99	10.08
	Mid	64QAM	9.03	10.17
	High	QPSK	9.00	9.97
	High	16QAM	8.98	10.04
	High	64QAM	9.00	10.18
15	Low	QPSK	13.48	14.95
	Low	16QAM	13.47	15.01
	Low	64QAM	13.45	15.04
	Mid	QPSK	13.51	15.14
	Mid	16QAM	13.52	15.05
	Mid	64QAM	13.45	14.99
	High	QPSK	13.50	15.06
	High	16QAM	13.49	15.26
	High	64QAM	13.47	15.01
20	Low	QPSK	17.93	19.69
	Low	16QAM	17.97	19.77
	Low	64QAM	18.00	19.97
	Mid	QPSK	17.94	19.43
	Mid	16QAM	18.02	19.90
	Mid	64QAM	18.00	20.00
	High	QPSK	18.00	19.80
	High	16QAM	17.99	19.73
	High	64QAM	17.98	19.59



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

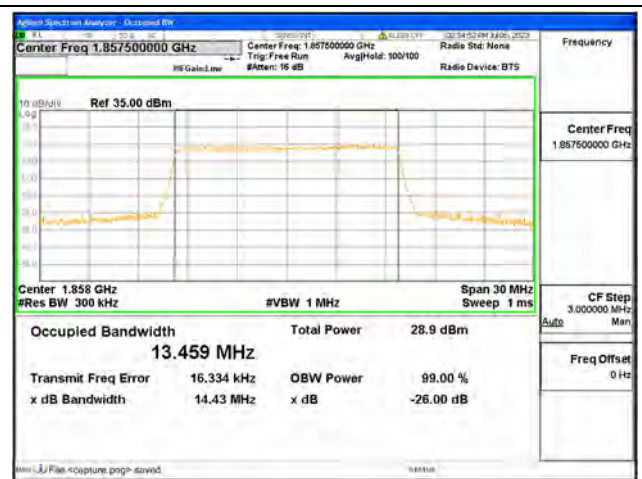


Band2 / 10MHz / 64QAM/ High CH





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



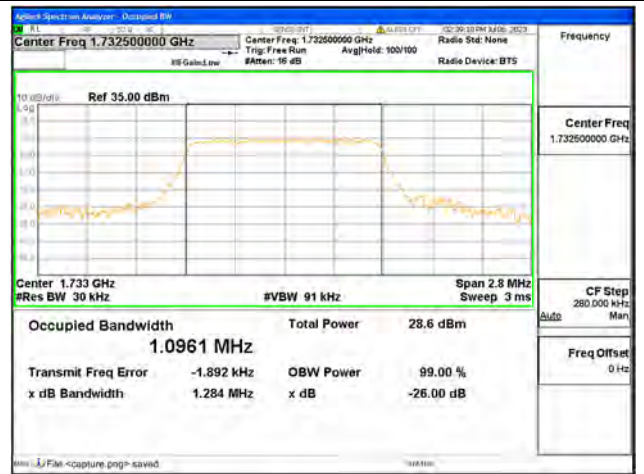
Band4 / 1.4MHz / QPSK/ Low CH



Band4 / 1.4MHz / 16QAM/ Low CH



Band4 / 1.4MHz / 64QAM/ Low CH



Band4 / 1.4MHz / QPSK/ Mid CH



Band4 / 1.4MHz / 16QAM/ Mid CH



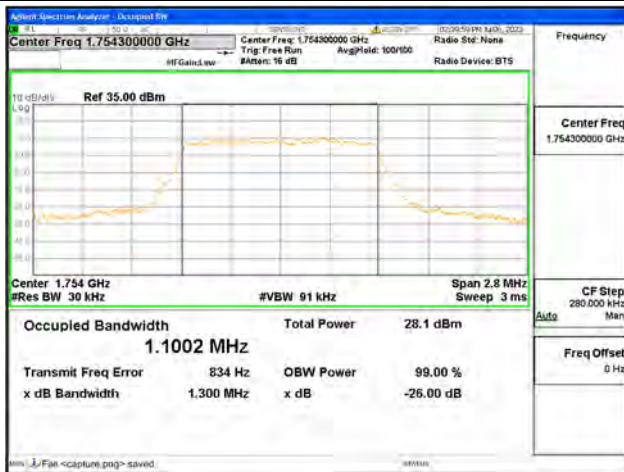
Band4 / 1.4MHz / 64QAM/ Mid CH



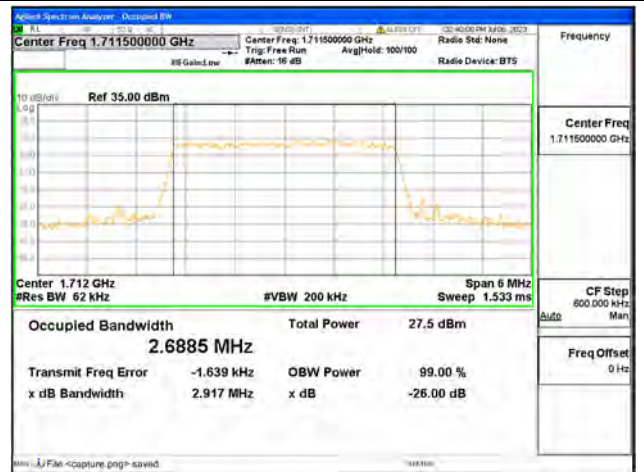
Band4 / 1.4MHz / QPSK/ High CH



Band4 / 1.4MHz / 16QAM/ High CH



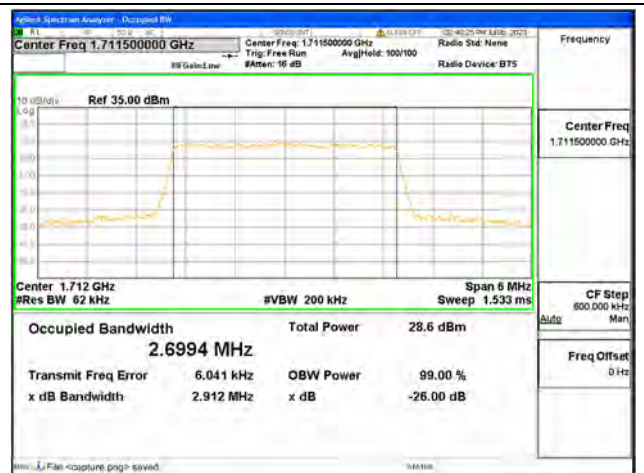
Band4 / 1.4MHz / 64QAM/ High CH



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



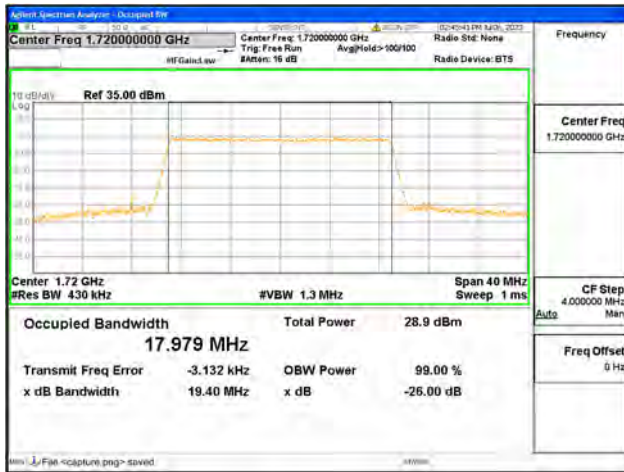
Band4 / 15MHz / 16QAM/ High CH



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



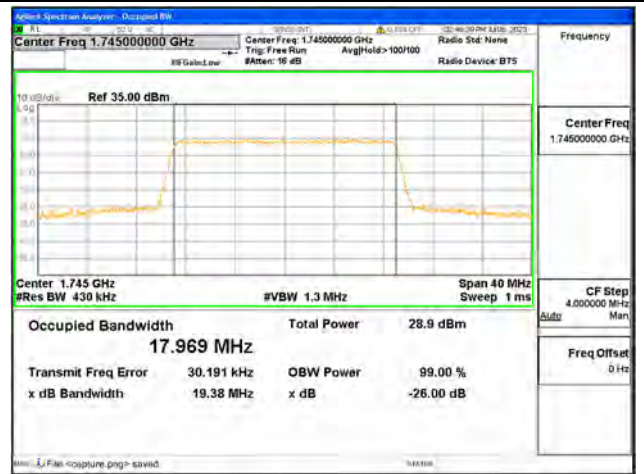
Band4 / 20MHz / 64QAM/ Mid CH



Band4 / 20MHz / QPSK/ High CH



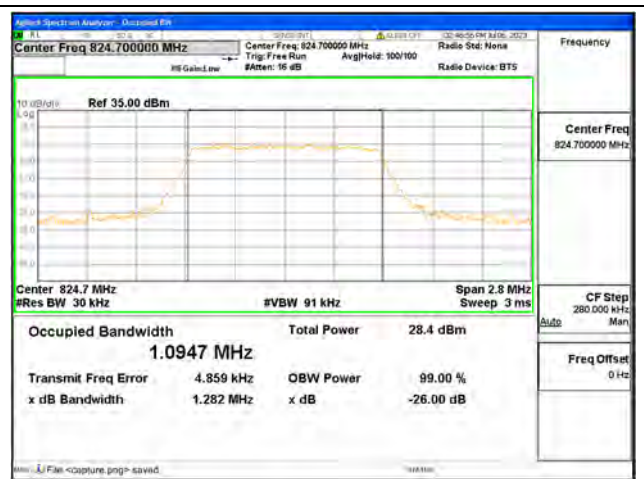
Band4 / 20MHz / 16QAM/ High CH



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



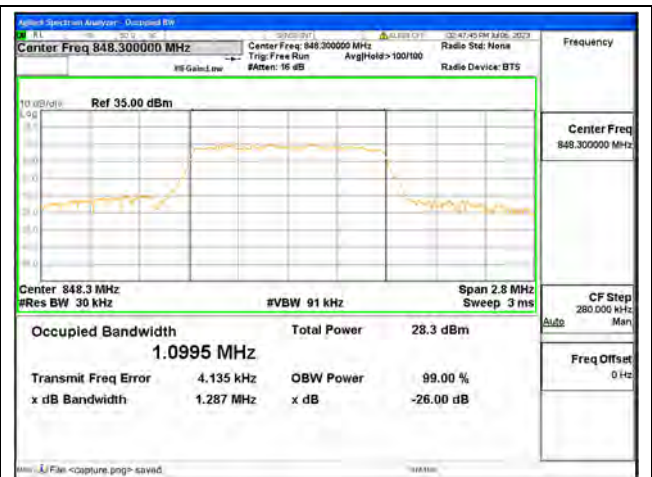
Band5 / 1.4MHz / 16QAM/ Mid CH



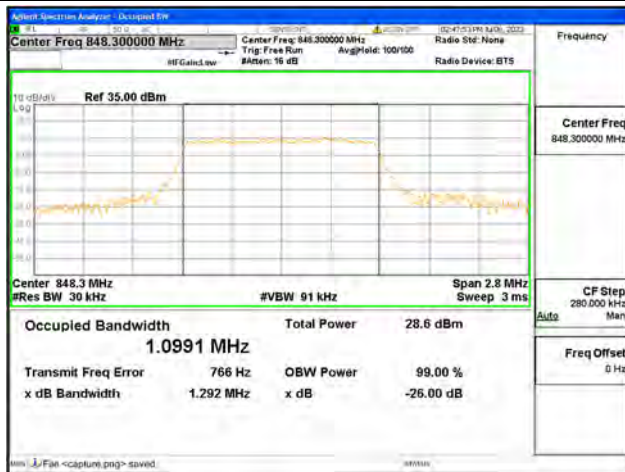
Band5 / 1.4MHz / 64QAM/ Mid CH



Band5 / 1.4MHz / QPSK/ High CH



Band5 / 1.4MHz / 16QAM/ High CH



Band5 / 1.4MHz / 64QAM/ High CH



Band5 / 3MHz / QPSK/ Low CH



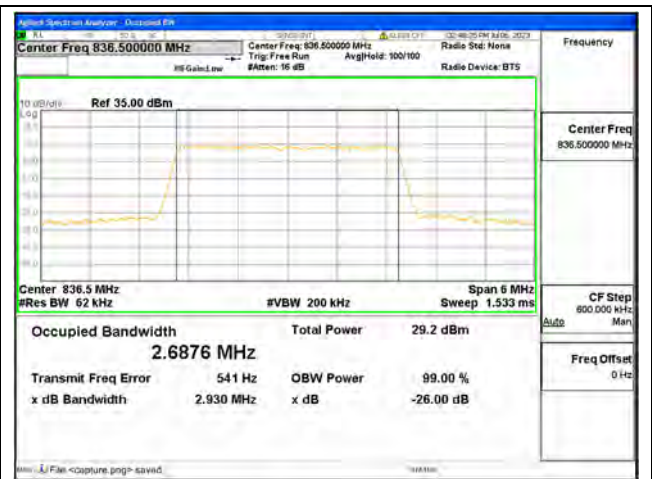
Band5 / 3MHz / 16QAM/ Low CH



Band5 / 3MHz / 64QAM/ Low CH



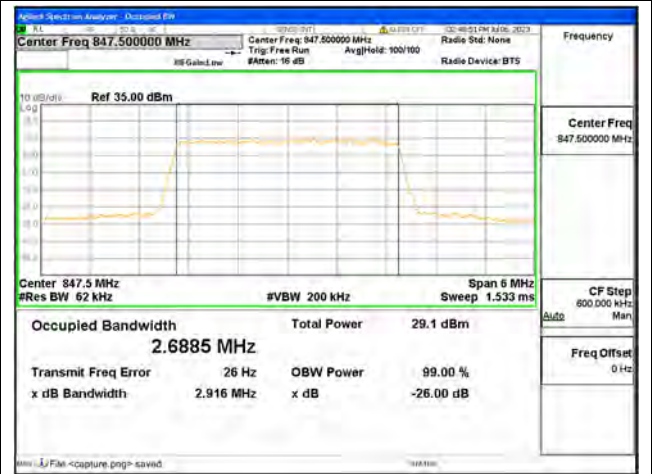
Band5 / 3MHz / QPSK/ Mid CH



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



Band12 / 1.4MHz / QPSK/ Low CH



Band12 / 1.4MHz / 16QAM/ Low CH



Band12 / 1.4MHz / 64QAM/ Low CH



Band12 / 1.4MHz / QPSK/ Mid CH



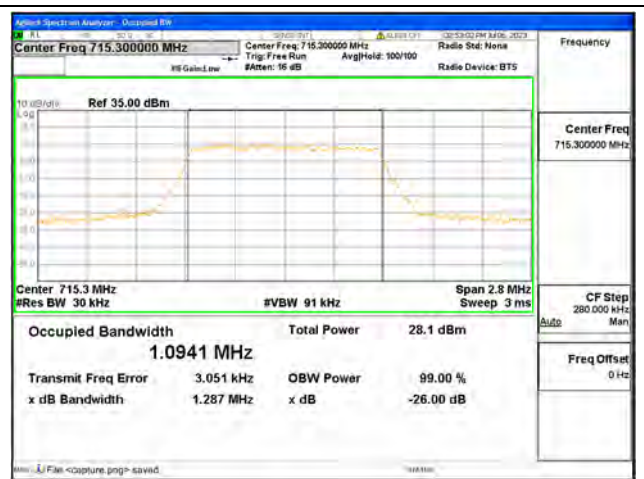
Band12 / 1.4MHz / 16QAM/ Mid CH



Band12 / 1.4MHz / 64QAM/ Mid CH



Band12 / 1.4MHz / QPSK/ High CH



Band12 / 1.4MHz / 16QAM/ High CH



Band12 / 1.4MHz / 64QAM/ High CH



Band12 / 3MHz / QPSK/ Low CH



Band12 / 3MHz / 16QAM/ Low CH



Band12 / 3MHz / 64QAM/ Low CH



Band12 / 3MHz / QPSK/ Mid CH



Band12 / 3MHz / 16QAM/ Mid CH



Band12 / 3MHz / 64QAM/ Mid CH



Band12 / 3MHz / QPSK/ High CH



Band12 / 3MHz / 16QAM/ High CH



Band12 / 3MHz / 64QAM/ High CH



Band12 / 5MHz / QPSK/ Low CH



Band12 / 5MHz / 16QAM/ Low CH



Band12 / 5MHz / 64QAM/ Low CH



Band12 / 5MHz / QPSK/ Mid CH



Band12 / 5MHz / 16QAM/ Mid CH



Band12 / 5MHz / 64QAM/ Mid CH



Band12 / 5MHz / QPSK/ High CH



Band12 / 5MHz / 16QAM/ High CH



Band12 / 5MHz / 64QAM/ High CH



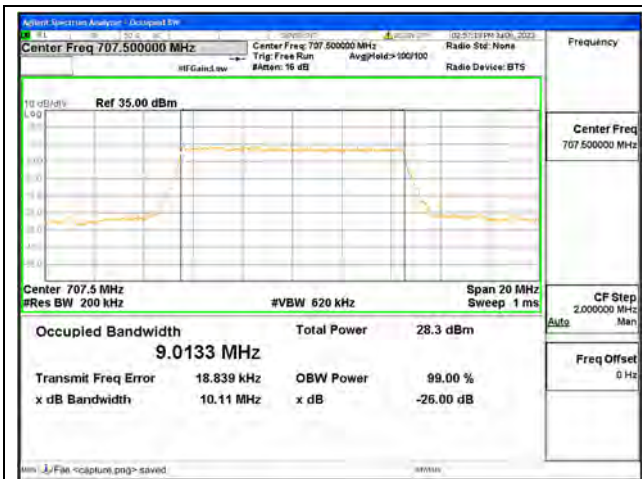
Band12 / 10MHz / QPSK/ Low CH



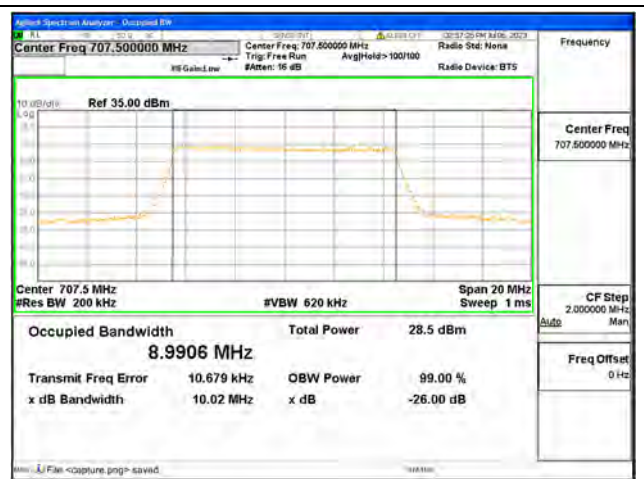
Band12 / 10MHz / 16QAM/ Low CH



Band12 / 10MHz / 64QAM/ Low CH



Band12 / 10MHz / QPSK/ Mid CH



Band12 / 10MHz / 16QAM/ Mid CH



Band12 / 10MHz / 64QAM/ Mid CH



Band12 / 10MHz / QPSK/ High CH



Band12 / 10MHz / 16QAM/ High CH

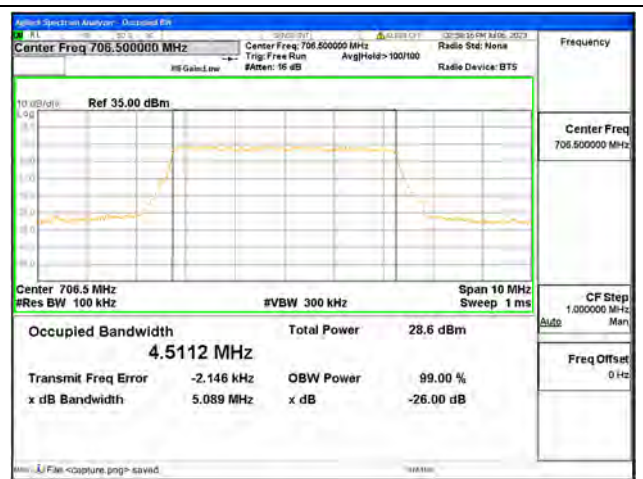


Band12 / 10MHz / 64QAM/ High CH





Band17 / 5MHz / QPSK/ Low CH



Band17 / 5MHz / 16QAM/ Low CH



Band17 / 5MHz / 64QAM/ Low CH



Band17 / 5MHz / QPSK/ Mid CH



Band17 / 5MHz / 16QAM/ Mid CH



Band17 / 5MHz / 64QAM/ Mid CH



Band17 / 5MHz / QPSK/ High CH



Band17 / 5MHz / 16QAM/ High CH



Band17 / 5MHz / 64QAM/ High CH



Band17 / 10MHz / QPSK/ Low CH



Band17 / 10MHz / 16QAM/ Low CH



Band17 / 10MHz / 64QAM/ Low CH



Band17 / 10MHz / QPSK/ Mid CH



Band17 / 10MHz / 16QAM/ Mid CH



Band17 / 10MHz / 64QAM/ Mid CH



Band17 / 10MHz / QPSK/ High CH



Band17 / 10MHz / 16QAM/ High CH



Band17 / 10MHz / 64QAM/ High CH



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



Band25 / 1.4MHz / QPSK/ High CH



Band25 / 1.4MHz / 16QAM/ High CH



Band25 / 1.4MHz / 64QAM/ High CH



Band25 / 3MHz / QPSK/ Low CH



Band25 / 3MHz / 16QAM/ Low CH



Band25 / 3MHz / 64QAM/ Low CH



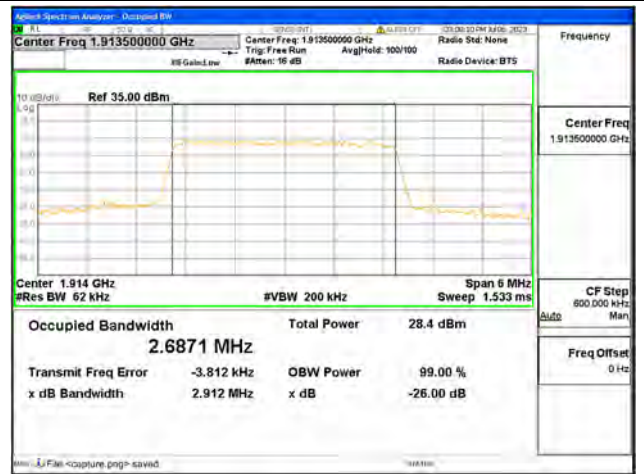
Band25 / 3MHz / QPSK/ Mid CH



Band25 / 3MHz / 16QAM/ Mid CH



Band25 / 3MHz / 64QAM/ Mid CH



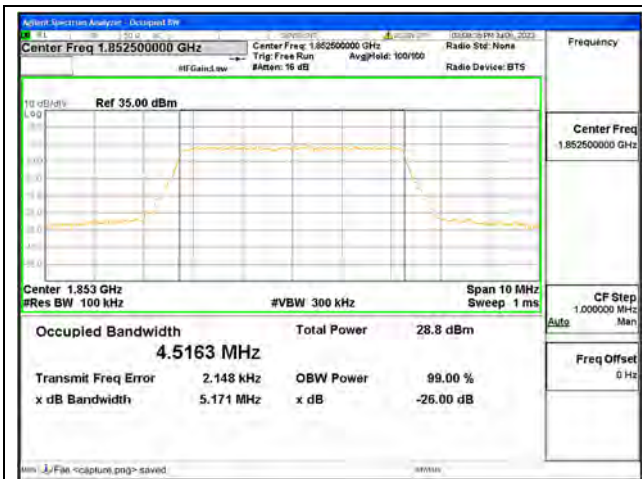
Band25 / 3MHz / QPSK/ High CH



Band25 / 3MHz / 16QAM/ High CH



Band25 / 3MHz / 64QAM/ High CH



Band25 / 5MHz / QPSK/ Low CH



Band25 / 5MHz / 16QAM/ Low CH



Band25 / 5MHz / 64QAM/ Low CH



Band25 / 5MHz / QPSK/ Mid CH



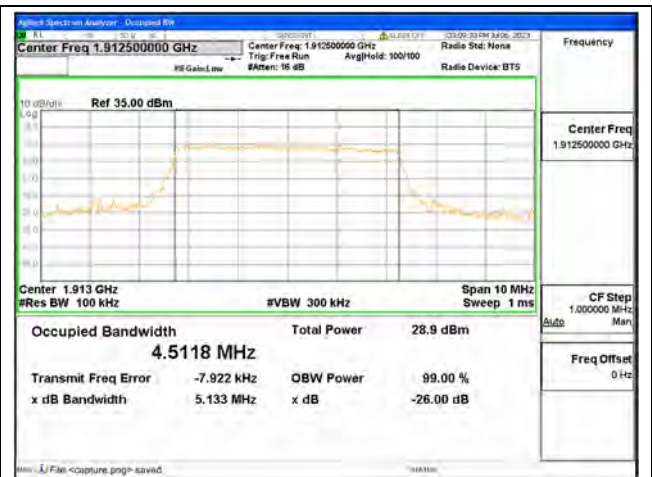
Band25 / 5MHz / 16QAM/ Mid CH



Band25 / 5MHz / 64QAM/ Mid CH



Band25 / 5MHz / QPSK/ High CH



Band25 / 5MHz / 16QAM/ High CH



Band25 / 5MHz / 64QAM/ High CH



Band25 / 10MHz / QPSK/ Low CH



Band25 / 10MHz / 16QAM/ Low CH



Band25 / 10MHz / 64QAM/ Low CH





Band25 / 10MHz / QPSK/ Mid CH



Band25 / 10MHz / 16QAM/ Mid CH



Band25 / 10MHz / 64QAM/ Mid CH



Band25 / 10MHz / QPSK/ High CH



Band25 / 10MHz / 16QAM/ High CH



Band25 / 10MHz / 64QAM/ High CH



Band25 / 15MHz / QPSK/ Low CH



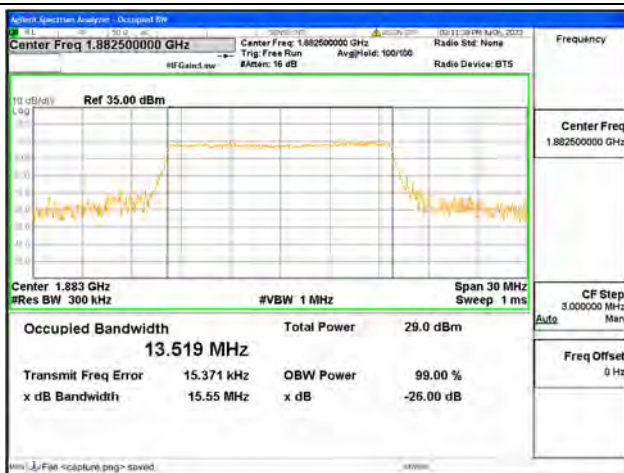
Band25 / 15MHz / 16QAM/ Low CH



Band25 / 15MHz / 64QAM/ Low CH



Band25 / 15MHz / QPSK/ Mid CH



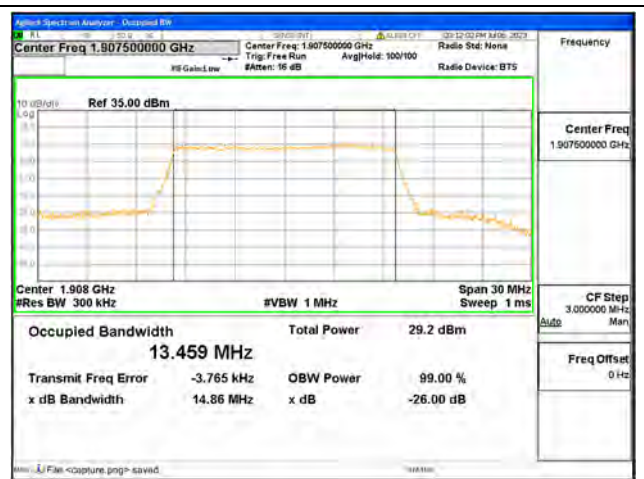
Band25 / 15MHz / 16QAM/ Mid CH



Band25 / 15MHz / 64QAM/ Mid CH



Band25 / 15MHz / QPSK/ High CH



Band25 / 15MHz / 16QAM/ High CH



Band25 / 15MHz / 64QAM/ High CH



Band25 / 20MHz / QPSK/ Low CH



Band25 / 20MHz / 16QAM/ Low CH



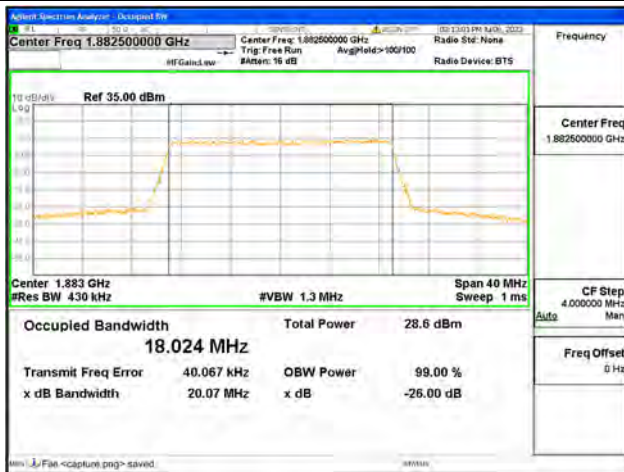
Band25 / 20MHz / 64QAM/ Low CH



Band25 / 20MHz / QPSK/ Mid CH



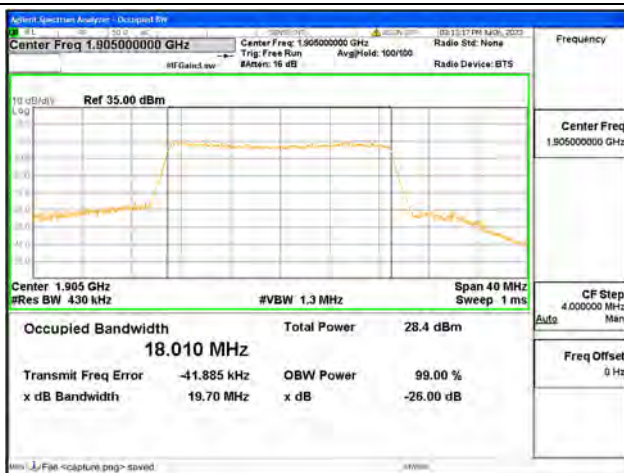
Band25 / 20MHz / 16QAM/ Mid CH



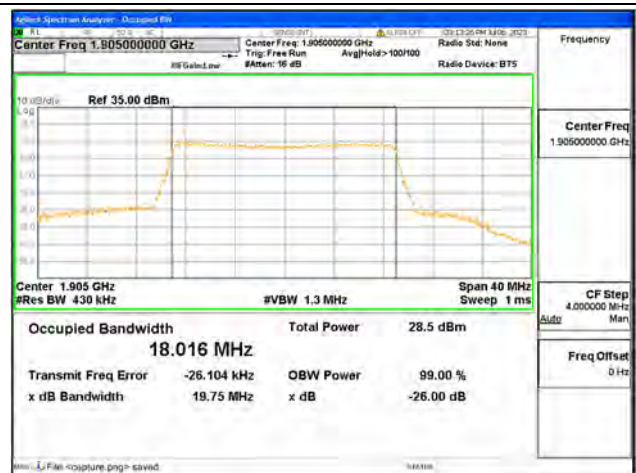
Band25 / 20MHz / 64QAM/ Mid CH



Band25 / 20MHz / QPSK/ High CH



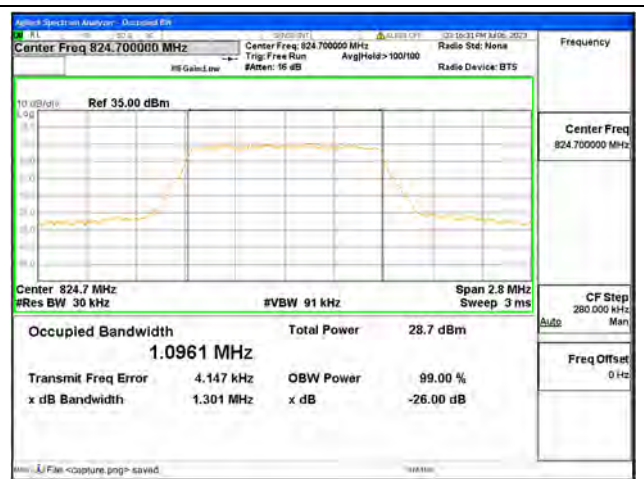
Band25 / 20MHz / 16QAM/ High CH



Band25 / 20MHz / 64QAM/ High CH



Band26 Part22 / 1.4MHz / QPSK/ Low CH



Band26 Part22 / 1.4MHz / 16QAM/ Low CH



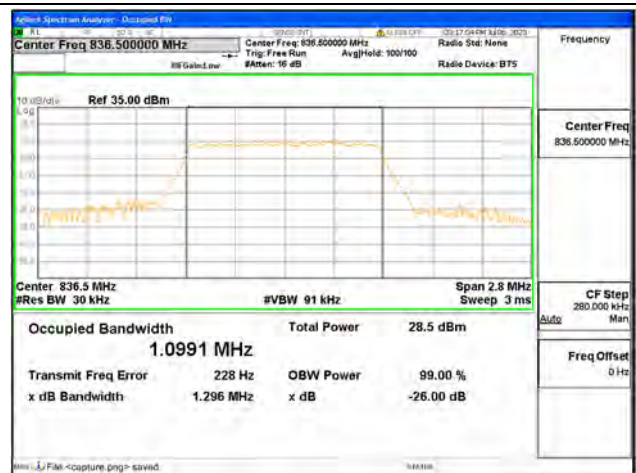
Band26 Part22 / 1.4MHz / 64QAM/ Low CH



Band26 Part22 / 1.4MHz / QPSK/ Mid CH



Band26 Part22 / 1.4MHz / 16QAM/ Mid CH



Band26 Part22 / 1.4MHz / 64QAM/ Mid CH



Band26 Part22 / 1.4MHz / QPSK/ High CH



Band26 Part22 / 1.4MHz / 16QAM/ High CH



Band26 Part22 / 1.4MHz / 64QAM/ High CH



Band26 Part22 / 3MHz / QPSK/ Low CH



Band26 Part22 / 3MHz / 16QAM/ Low CH



Band26 Part22 / 3MHz / 64QAM/ Low CH



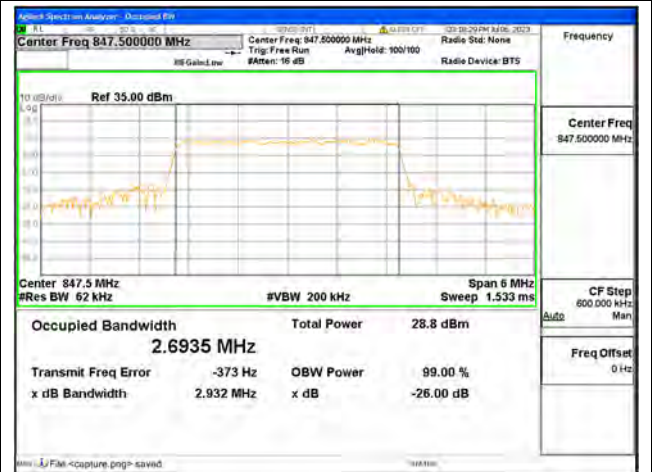
Band26 Part22 / 3MHz / QPSK/ Mid CH



Band26 Part22 / 3MHz / 16QAM/ Mid CH



Band26 Part22 / 3MHz / 64QAM/ Mid CH



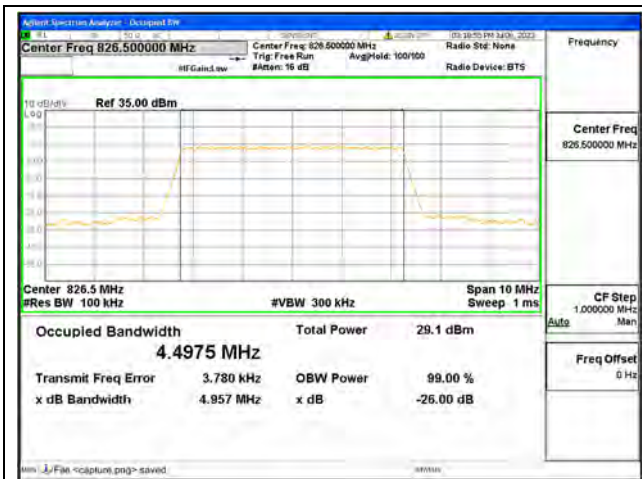
Band26 Part22 / 3MHz / QPSK/ High CH



Band26 Part22 / 3MHz / 16QAM/ High CH



Band26 Part22 / 3MHz / 64QAM/ High CH



Band26 Part22 / 5MHz / QPSK/ Low CH



Band26 Part22 / 5MHz / 16QAM/ Low CH



Band26 Part22 / 5MHz / 64QAM/ Low CH



Band26 Part22 / 5MHz / QPSK/ Mid CH



Band26 Part22 / 5MHz / 16QAM/ Mid CH

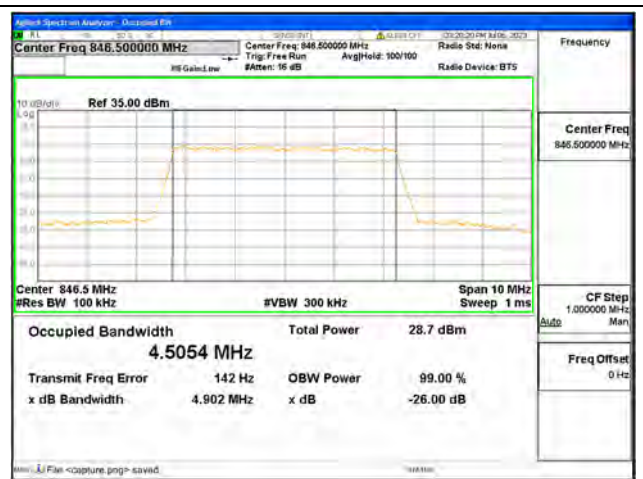


Band26 Part22 / 5MHz / 64QAM/ Mid CH





Band26 Part22 / 5MHz / QPSK/ High CH



Band26 Part22 / 5MHz / 16QAM/ High CH



Band26 Part22 / 5MHz / 64QAM/ High CH



Band26 Part22 / 10MHz / QPSK/ Low CH



Band26 Part22 / 10MHz / 16QAM/ Low CH



Band26 Part22 / 10MHz / 64QAM/ Low CH



Band26 Part22 / 10MHz / QPSK/ Mid CH



Band26 Part22 / 10MHz / 16QAM/ Mid CH



Band26 Part22 / 10MHz / 64QAM/ Mid CH



Band26 Part22 / 10MHz / QPSK/ High CH



Band26 Part22 / 10MHz / 16QAM/ High CH



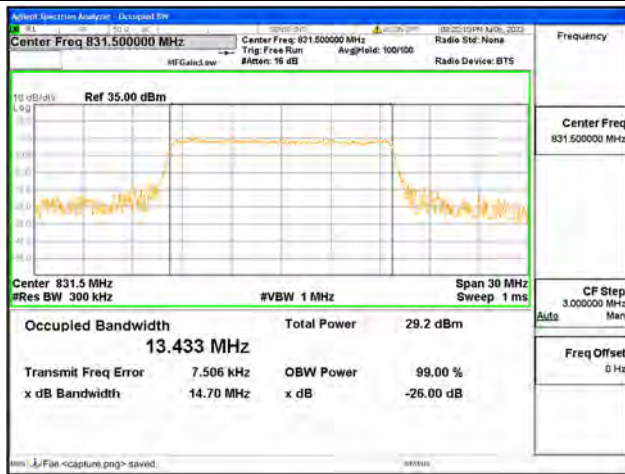
Band26 Part22 / 10MHz / 64QAM/ High CH



Band26 Part22 / 15MHz / QPSK/ Low CH



Band26 Part22 / 15MHz / 16QAM/ Low CH



Band26 Part22 / 15MHz / 64QAM/ Low CH



Band26 Part22 / 15MHz / QPSK/ Mid CH



Band26 Part22 / 15MHz / 16QAM/ Mid CH



Band26 Part22 / 15MHz / 64QAM/ Mid CH



Band26 Part22 / 15MHz / QPSK/ High CH



Band26 Part22 / 15MHz / 16QAM/ High CH



Band26 Part22 / 15MHz / 64QAM/ High CH