



# TEST REPORT

**APPLICANT** : Guangdong OPPO Mobile  
Telecommunications Corp., Ltd.

**PRODUCT NAME** : Mobile Phone

**MODEL NAME** : CPH2641, CPH2669, CPH3669

**BRAND NAME** : OPPO

**FCC ID** : R9C-OP23318

**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&L&M

**RECEIPT DATE** : 2024-05-07

**TEST DATE** : 2024-05-15 to 2024-05-30

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Edited by: Peng Mi  
Peng Mi (Rapporteur)

Approved by: Shen Junsheng  
Shen Junsheng (Supervisor)

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Change History		
Version	Date	Reason for change
1.0	2024-06-06	First edition



# 1. Technical Information

Note: Provide by applicant.

## 1.1. Applicant and Manufacturer Information

<b>Applicant:</b>	Guangdong OPPO Mobile Telecommunications Corp., Ltd.
<b>Applicant Address:</b>	NO.18 HaiBin Road, Wusha Village, Chang'an Town, Dongguan City, Guangdong, China
<b>Manufacturer:</b>	Guangdong OPPO Mobile Telecommunications Corp., Ltd.
<b>Manufacturer Address:</b>	NO.18 HaiBin Road, Wusha Village, Chang'an Town, Dongguan City, Guangdong, China

## 1.2. Equipment Under Test (EUT) Description

<b>Product Name:</b>	Mobile Phone	
<b>Sample No.:</b>	12#	
<b>Hardware Version:</b>	11	
<b>Software Version:</b>	ColorOS 14.0	
<b>Modulation Type:</b>	QPSK, 16QAM, 64QAM	
<b>Operation Band:</b>	Band 2 / 4 / 5 / 7 / 12 / 13 / 17 / 18 / 19 / 26 / 38 / 41 / 66	
<b>Frequency Range:</b>	LTE Band 2	Tx: 1850MHz–1910MHz
		Rx: 1930MHz–1990MHz
	LTE Band 4	Tx: 1710MHz–1755MHz
		Rx: 2110MHz–2155MHz
	LTE Band 5	Tx: 824MHz–849MHz
		Rx: 869MHz–894MHz
	LTE Band 7	Tx: 2500MHz–2570MHz
		Rx: 2620MHz–2690MHz
	LTE Band 12	Tx: 699MHz–716MHz
		Rx: 729MHz–746MHz
	LTE Band 13	Tx: 777MHz–787MHz
		Rx: 746MHz–756MHz
	LTE Band 17	Tx: 704MHz–716MHz
		Rx: 734MHz–746MHz



<b>Frequency Range:</b>	LTE Band 18	Tx: 824MHz–830MHz
		Rx: 869MHz–875MHz
	LTE Band 19	Tx: 830MHz–845MHz
		Rx: 875MHz–890MHz
	LTE Band 26	Tx: 824MHz–849MHz
		Rx: 869MHz–894MHz
LTE Band 38	Tx: 2570MHz–2620MHz	
	Rx: 2570MHz–2620MHz	
LTE Band 41	Tx: 2435MHz–2655MHz	
	Rx: 2435MHz–2655MHz	
LTE Band 66	Tx: 1710MHz –1780MHz	
	Rx: 2110MHz–2180MHz	
<b>Channel Bandwidth:</b>	LTE Band 2	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
	LTE Band 4	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
	LTE Band 5	1.4MHz, 3MHz, 5MHz, 10MHz
	LTE Band 7	5 MHz, 10MHz, 15MHz, 20MHz
	LTE Band 12	1.4MHz, 3 MHz, 5 MHz, 10MHz
	LTE Band 13	5 MHz, 10MHz
	LTE Band 17	5 MHz, 10MHz
	LTE Band 18	5 MHz
	LTE Band 19	5 MHz, 10MHz, 15MHz
	LTE Band 26	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz
	LTE Band 38	5 MHz, 10MHz, 15MHz, 20MHz
	LTE Band 41	5 MHz, 10MHz, 15MHz, 20MHz
LTE Band 66	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz	
<b>Antenna Type:</b>	IFA Antenna	
<b>Antenna Gain:</b>	LTE Band 2	ANT 0: -2.60dBi; ANT 1: -3.60dBi
	LTE Band 4	ANT 0: -4.80dBi; ANT 1: -3.00dBi
	LTE Band 5	ANT 0: -5.40dBi; ANT 1: -4.90dBi
	LTE Band 7	ANT 0: 0.30dBi; ANT 1: -0.80dBi
	LTE Band 12	ANT 0: -9.20dBi; ANT 1: -7.20dBi
	LTE Band 13	ANT 0: -7.90dBi; ANT 1: -5.20dBi
	LTE Band 17	ANT 0: -9.20dBi; ANT 1: -7.20dBi
	LTE Band 18	ANT 0: -5.90dBi; ANT 1: -5.30dBi
	LTE Band 19	ANT 0: -5.30dBi; ANT 1: -4.70dBi
	LTE Band 26	ANT 0: -5.60dBi; ANT 1: -5.00dBi
LTE Band 38	ANT 0: 0.40dBi; ANT 1: 0.20dBi	



<b>Antenna Gain:</b>	LTE Band 41	ANT 0: 0.00dBi; ANT 1: -0.10dBi
	LTE Band 66	ANT 0: -4.80dBi; ANT 1: -2.90dBi
<b>Accessory Information:</b>	Battery 1	
	Brand Name:	SUPERVOOC
	Model No.:	BLPA77
	Serial No.:	N/A
	Capacity:	Typical: 5100mAh, Rated: 4970mAh
	Rated Voltage:	3.91V
	Charge Limit:	4.5V
	Manufacturer:	SUNWODA Electronic Co., Ltd.
	Battery 2	
	Brand Name:	SUPERVOOC
	Model No.:	BLPA77
	Serial No.:	N/A
	Capacity:	Typical: 5100mAh, Rated: 4970mAh
	Rated Voltage:	3.91V
	Charge Limit:	4.5V
	Manufacturer:	Dongguan NVT Technology Co., Ltd.
	AC Adapter 1	
	Brand Name:	SUPERVOOC
	Model No.:	VCB4JAUH
	Serial No.:	N/A
	Rated Output:	5V=2A or 5V-11V=4.1A
	Rated Input:	100-240V~50/60Hz, 1.5A
	Manufacturer:	Jiangsu Chenyang Electron Co.,Ltd.
	AC Adapter 2	
	Brand Name:	SUPERVOOC
	Model No.:	VCB4JAUH
	Serial No.:	N/A
Rated Output:	5V=2A or 5V-11V=4.1A	
Rated Input:	100-240V~50/60Hz, 1.5A	
Manufacturer:	Huizhou Golden Lake Industrial Co., Ltd.	
USB Cable		
Model No.:	DL154	



**Note 1:** According to the certificate holder, they declared that t product have three models as below:

Model Name	CPH2641	CPH2669	CPH3669
Memory	4G+128G	4G+256G	8G+256G
Camera	Back:8M, Front:5M	Back:50M, Front:5M	Back:50M, Front:5M

Their are accordant in both hardware and software versions, only the memory and the rear camera are different. The other are the same. The main measuring model is CPH2669, only the results for CPH2669 were recorded in this report.

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



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

<b>LTE Band 2</b>		<b>Maximum E.R.P./E.I.R.P. (W)</b>			<b>Emission Designator (99%OBW)</b>		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	
20	0.096	0.075	0.060	17M8G7D	17M8W7D	17M8W7D	
15	0.095	0.076	0.061	13M4G7D	13M4W7D	13M4W7D	
10	0.094	0.076	0.060	8M94G7D	8M92W7D	8M95W7D	
5	0.094	0.077	0.060	4M47G7D	4M47W7D	4M47W7D	
3	0.095	0.076	0.060	2M70G7D	2M70W7D	2M71W7D	
1.4	0.095	0.076	0.061	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	0.099	0.078	0.061	17M9G7D	17M9W7D	17M9W7D	
15	0.098	0.077	0.060	13M4G7D	13M4W7D	13M4W7D	
10	0.098	0.076	0.062	8M92G7D	8M92W7D	8M93W7D	
5	0.097	0.077	0.061	4M48G7D	4M48W7D	4M48W7D	
3	0.097	0.077	0.060	2M70G7D	2M71W7D	2M71W7D	
1.4	0.097	0.077	0.061	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	0.045	0.035	0.028	8M95G7D	8M92W7D	8M94W7D	
5	0.044	0.035	0.028	4M48G7D	4M47W7D	4M47W7D	
3	0.044	0.035	0.027	2M70G7D	2M70W7D	2M71W7D	
1.4	0.044	0.034	0.027	1M10G7D	1M10W7D	1M10W7D	
<b>LTE Band 7</b>		<b>Maximum E.R.P./E.I.R.P. (W)</b>			<b>Emission Designator (99%OBW)</b>		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	
20	0.247	0.195	0.154	17M8G7D	17M8W7D	17M9W7D	
15	0.244	0.193	0.153	13M4G7D	13M4W7D	13M4W7D	
10	0.244	0.193	0.154	8M95G7D	8M92W7D	8M93W7D	
5	0.243	0.193	0.152	4M48G7D	4M48W7D	4M49W7D	
<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	0.027	0.021	0.017	8M95G7D	8M93W7D	8M94W7D	
5	0.027	0.021	0.017	4M48G7D	4M48W7D	4M48W7D	
3	0.027	0.021	0.017	2M70G7D	2M70W7D	2M71W7D	
1.4	0.027	0.021	0.017	1M10G7D	1M10W7D	1M10W7D	



<b>LTE Band 13</b>		<b>Maximum E.R.P./E.I.R.P. (W)</b>			<b>Emission Designator (99%OBW)</b>		
BW(MHz)		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10		0.042	0.033	0.026	8M94G7D	8M93W7D	8M95W7D
5		0.042	0.033	0.027	4M47G7D	4M47W7D	4M48W7D
<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		0.139	0.109	0.087	8M94G7D	8M93W7D	8M93W7D
5		0.138	0.110	0.087	4M47G7D	4M48W7D	4M49W7D
<b>LTE Band 18</b>		<b>Maximum E.R.P./E.I.R.P. (W)</b>			<b>Emission Designator (99%OBW)</b>		
BW(MHz)		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
5		0.042	0.033	0.032	4M47G7D	4M47W7D	4M48W7D
<b>LTE Band 19</b>		<b>Maximum E.R.P./E.I.R.P. (W)</b>			<b>Emission Designator (99%OBW)</b>		
BW(MHz)		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
15		0.049	0.038	0.030	13M4G7D	13M4W7D	13M4W7D
10		0.048	0.038	0.030	8M94G7D	8M91W7D	8M93W7D
5		0.048	0.038	0.030	4M47G7D	4M47W7D	4M48W7D
<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		0.042	0.036	0.033	13M4G7D	13M4W7D	13M4W7D
10		0.043	0.034	0.034	8M94G7D	8M93W7D	8M93W7D
5		0.041	0.035	0.034	4M47G7D	4M47W7D	4M47W7D
3		0.041	0.032	0.032	2M70G7D	2M71W7D	2M71W7D
1.4		0.042	0.034	0.034	1M10G7D	1M10W7D	1M10W7D
<b>LTE Band 38</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		0.241	0.190	0.151	17M9G7D	17M8W7D	17M9W7D
15		0.239	0.187	0.152	13M4G7D	13M4W7D	13M4W7D
10		0.240	0.190	0.149	8M93G7D	8M93W7D	8M93W7D
5		0.239	0.189	0.150	4M48G7D	4M47W7D	4M48W7D
<b>LTE Band 41</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		0.229	0.179	0.143	17M9G7D	17M8W7D	17M9W7D
15		0.227	0.179	0.144	13M4G7D	13M4W7D	13M4W7D
10		0.228	0.179	0.143	8M94G7D	8M93W7D	8M93W7D
5		0.226	0.181	0.143	4M48G7D	4M47W7D	4M48W7D





LTE Band 66	Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
	BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM
20	0.101	0.079	0.062	17M8G7D	17M9W7D	17M9W7D
15	0.101	0.079	0.063	13M4G7D	13M4W7D	13M4W7D
10	0.101	0.079	0.063	8M94G7D	8M92W7D	8M93W7D
5	0.100	0.079	0.063	4M47G7D	4M48W7D	4M48W7D
3	0.100	0.079	0.064	2M70G7D	2M71W7D	2M71W7D
1.4	0.100	0.080	0.063	1M10G7D	1M10W7D	1M10W7D



## 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.	May 27, 2024	Shen Biaohong Gan Jing	PASS	No deviation
2.1049	Occupied Bandwidth	May 17, 2024	Gan Jing	PASS	No deviation
2.1055 22.355 24.235 27.54	Frequency Stability	May 17, 2024	Gan Jing	PASS	No deviation
24.232(d), 27.50(d)(5)	Peak to Average Radio	May 17, 2024	Gan Jing	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	May 17, 2024	Gan Jing	PASS	No deviation
2.1051 22.917(a)	Band Edge	May 17, 2024	Gan Jing	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	May 21 to 30, 2024	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 equipment. 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 Requirements**

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

#### **2.1.1. Requirement**

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

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

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

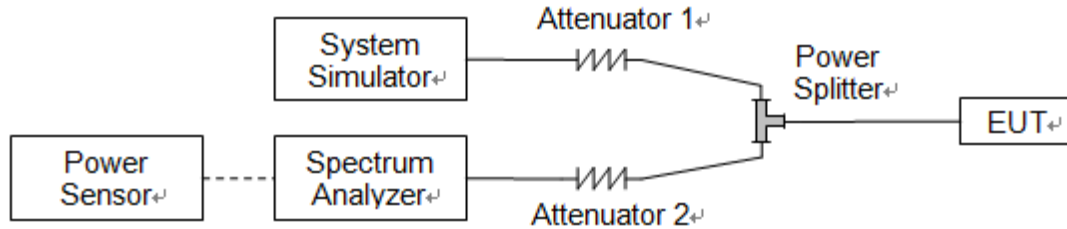
According to FCC section 22.913 (a)(2) for LTE Band 5/18/19/26, the E.R.P. of mobile transmitters and auxiliary test transmitters must not exceed 7 watts.

According to FCC section 27.50 (h)(2) for LTE Band 7/38/41, Mobile and other user stations. Mobile stations are limited to 2 watts E.I.R.P. All user stations are limited to 2 watts transmitter output power.

According to FCC section 27.50 (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, 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) = Conducted Output Power (dBm) + Antenna Gain (dBi)

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



2.1.4. Result

Conducted Output Power

LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18700	18900	19100
Frequency (MHz)				1860	1880	1900
20	QPSK	1	0	22.36	22.41	22.20
20	QPSK	1	49	22.29	22.33	22.17
20	QPSK	1	99	22.24	22.30	22.11
20	QPSK	50	0	21.21	21.25	21.13
20	QPSK	50	24	21.15	21.20	21.05
20	QPSK	50	50	21.04	21.11	20.98
20	QPSK	100	0	21.12	21.17	21.02
20	16QAM	1	0	21.33	21.36	21.22
20	16QAM	1	49	21.27	21.31	21.14
20	16QAM	1	99	21.22	21.26	21.16
20	16QAM	50	0	20.23	20.28	20.14
20	16QAM	50	24	20.17	20.24	20.09
20	16QAM	50	50	20.10	20.15	20.01
20	16QAM	100	0	20.15	20.20	20.08
20	64QAM	1	0	20.31	20.35	20.19
20	64QAM	1	49	20.26	20.32	20.13
20	64QAM	1	99	20.20	20.27	20.14
20	64QAM	50	0	19.22	19.26	19.12
20	64QAM	50	24	19.19	19.23	19.05
20	64QAM	50	50	19.08	19.14	18.99
20	64QAM	100	0	19.14	19.18	19.03



LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18675	18900	19125
Frequency (MHz)				1857.5	1880	1902.5
15	QPSK	1	0	22.34	22.39	22.04
15	QPSK	1	37	22.14	22.37	22.16
15	QPSK	1	74	22.09	22.20	22.17
15	QPSK	36	0	21.34	21.36	21.07
15	QPSK	36	20	20.98	21.20	20.96
15	QPSK	36	39	21.14	21.05	21.00
15	QPSK	75	0	21.01	21.00	21.16
15	16QAM	1	0	21.35	21.39	21.16
15	16QAM	1	37	21.08	21.18	21.21
15	16QAM	1	74	21.28	21.30	21.16
15	16QAM	36	0	20.27	20.19	20.08
15	16QAM	36	20	20.13	20.04	20.12
15	16QAM	36	39	20.10	20.13	20.14
15	16QAM	75	0	19.96	20.11	20.09
15	64QAM	1	0	20.43	20.16	20.34
15	64QAM	1	37	20.30	20.28	20.07
15	64QAM	1	74	20.13	20.25	20.29
15	64QAM	36	0	19.14	19.33	19.15
15	64QAM	36	20	19.11	19.25	18.89
15	64QAM	36	39	19.04	19.11	18.88
15	64QAM	75	0	19.11	18.98	19.07



LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18650	18900	19150
Frequency (MHz)				1855	1880	1905
10	QPSK	1	0	22.29	22.34	22.28
10	QPSK	1	25	22.26	22.26	22.29
10	QPSK	1	49	22.25	22.20	21.98
10	QPSK	25	0	21.12	21.15	21.12
10	QPSK	25	12	21.24	21.24	20.98
10	QPSK	25	25	20.85	21.04	20.92
10	QPSK	50	0	21.10	21.14	21.11
10	16QAM	1	0	21.38	21.33	21.12
10	16QAM	1	25	21.07	21.25	21.02
10	16QAM	1	49	21.14	21.17	21.06
10	16QAM	25	0	20.14	20.17	20.08
10	16QAM	25	12	20.19	20.15	20.08
10	16QAM	25	25	19.94	20.20	19.93
10	16QAM	50	0	20.27	20.19	19.98
10	64QAM	1	0	20.13	20.27	20.00
10	64QAM	1	25	20.08	20.32	20.03
10	64QAM	1	49	20.03	20.39	20.08
10	64QAM	25	0	19.03	19.31	19.00
10	64QAM	25	12	19.05	19.30	19.01
10	64QAM	25	25	18.98	19.23	19.04
10	64QAM	50	0	19.12	19.05	19.06





LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18625	18900	19175
Frequency (MHz)				1852.5	1880	1907.5
5	QPSK	1	0	22.31	22.35	22.19
5	QPSK	1	12	22.34	22.17	22.00
5	QPSK	1	24	22.21	22.29	22.00
5	QPSK	12	0	21.29	21.21	20.93
5	QPSK	12	7	20.95	21.09	21.05
5	QPSK	12	13	21.01	20.92	20.91
5	QPSK	25	0	21.26	21.22	21.02
5	16QAM	1	0	21.30	21.44	21.25
5	16QAM	1	12	21.42	21.42	21.08
5	16QAM	1	24	21.19	21.08	21.10
5	16QAM	12	0	20.35	20.39	20.12
5	16QAM	12	7	20.08	20.29	20.00
5	16QAM	12	13	20.10	20.26	19.98
5	16QAM	25	0	20.15	20.29	19.97
5	64QAM	1	0	20.19	20.29	20.11
5	64QAM	1	12	20.37	20.37	20.03
5	64QAM	1	24	20.25	20.19	19.97
5	64QAM	12	0	19.13	19.23	19.20
5	64QAM	12	7	19.18	19.33	19.18
5	64QAM	12	13	18.91	19.29	18.94
5	64QAM	25	0	19.11	19.02	19.04



LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18615	18900	19185
Frequency (MHz)				1851.5	1880	1908.5
3	QPSK	1	0	22.28	22.38	22.25
3	QPSK	1	8	22.22	22.28	22.24
3	QPSK	1	14	22.19	22.29	22.21
3	QPSK	8	0	21.28	21.34	21.15
3	QPSK	8	4	21.07	21.11	20.92
3	QPSK	8	7	20.87	21.06	20.95
3	QPSK	15	0	21.11	21.08	21.13
3	16QAM	1	0	21.36	21.43	21.27
3	16QAM	1	8	21.29	21.17	21.22
3	16QAM	1	14	21.25	21.33	21.24
3	16QAM	8	0	20.08	20.30	20.00
3	16QAM	8	4	20.25	20.15	19.90
3	16QAM	8	7	20.21	20.14	19.93
3	16QAM	15	0	19.99	20.32	20.19
3	64QAM	1	0	20.40	20.21	20.22
3	64QAM	1	8	20.17	20.24	20.11
3	64QAM	1	14	20.26	20.34	20.18
3	64QAM	8	0	19.14	19.27	19.04
3	64QAM	8	4	19.12	19.13	19.08
3	64QAM	8	7	19.03	19.17	18.94
3	64QAM	15	0	19.09	19.00	18.89



LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18607	18900	19193
Frequency (MHz)				1850.7	1880	1909.3
1.4	QPSK	1	0	22.28	22.37	22.06
1.4	QPSK	1	3	22.15	22.24	22.25
1.4	QPSK	1	5	22.22	22.14	22.02
1.4	QPSK	3	0	21.13	21.25	21.16
1.4	QPSK	3	1	21.26	21.09	20.88
1.4	QPSK	3	3	21.05	20.94	20.90
1.4	QPSK	6	0	21.07	21.03	20.97
1.4	16QAM	1	0	21.37	21.40	21.10
1.4	16QAM	1	3	21.24	21.24	21.22
1.4	16QAM	1	5	21.14	21.33	21.02
1.4	16QAM	3	0	20.31	20.21	20.06
1.4	16QAM	3	1	20.27	20.16	19.89
1.4	16QAM	3	3	19.91	20.04	19.88
1.4	16QAM	6	0	20.22	20.20	20.22
1.4	64QAM	1	0	20.37	20.42	20.27
1.4	64QAM	1	3	20.33	20.13	20.06
1.4	64QAM	1	5	20.25	20.33	20.11
1.4	64QAM	3	0	19.26	19.22	19.06
1.4	64QAM	3	1	19.32	19.37	18.97
1.4	64QAM	3	3	19.05	19.27	18.95
1.4	64QAM	6	0	19.07	19.10	19.15



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20050	20175	20300
Frequency (MHz)				1720	1732.5	1745
20	QPSK	1	0	22.86	22.95	22.92
20	QPSK	1	49	22.68	22.84	22.62
20	QPSK	1	99	22.73	22.78	22.65
20	QPSK	50	0	21.64	21.72	21.62
20	QPSK	50	24	21.56	21.69	21.47
20	QPSK	50	50	21.42	21.56	21.49
20	QPSK	100	0	21.53	21.68	21.61
20	16QAM	1	0	21.91	21.93	21.81
20	16QAM	1	49	21.55	21.81	21.52
20	16QAM	1	99	21.51	21.61	21.78
20	16QAM	50	0	20.81	20.80	20.41
20	16QAM	50	24	20.59	20.63	20.47
20	16QAM	50	50	20.61	20.73	20.47
20	16QAM	100	0	20.62	20.77	20.50
20	64QAM	1	0	20.66	20.84	20.76
20	64QAM	1	49	20.59	20.79	20.58
20	64QAM	1	99	20.75	20.75	20.75
20	64QAM	50	0	19.59	19.85	19.60
20	64QAM	50	24	19.46	19.80	19.56
20	64QAM	50	50	19.47	19.67	19.60
20	64QAM	100	0	19.57	19.72	19.43



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20025	20175	20325
Frequency (MHz)				1717.5	1732.5	1747.5
15	QPSK	1	0	22.79	22.90	22.83
15	QPSK	1	37	22.82	22.72	22.64
15	QPSK	1	74	22.59	22.83	22.56
15	QPSK	36	0	21.60	21.78	21.57
15	QPSK	36	20	21.54	21.75	21.51
15	QPSK	36	39	21.64	21.42	21.46
15	QPSK	75	0	21.71	21.57	21.46
15	16QAM	1	0	21.61	21.82	21.77
15	16QAM	1	37	21.81	21.85	21.74
15	16QAM	1	74	21.63	21.58	21.62
15	16QAM	36	0	20.73	20.78	20.62
15	16QAM	36	20	20.74	20.64	20.65
15	16QAM	36	39	20.42	20.49	20.35
15	16QAM	75	0	20.54	20.59	20.56
15	64QAM	1	0	20.79	20.80	20.49
15	64QAM	1	37	20.54	20.78	20.48
15	64QAM	1	74	20.61	20.72	20.43
15	64QAM	36	0	19.67	19.82	19.74
15	64QAM	36	20	19.47	19.75	19.42
15	64QAM	36	39	19.68	19.71	19.46
15	64QAM	75	0	19.75	19.64	19.51



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20000	20175	20350
Frequency (MHz)				1715	1732.5	1750
10	QPSK	1	0	22.68	22.91	22.85
10	QPSK	1	25	22.71	22.86	22.72
10	QPSK	1	49	22.55	22.67	22.56
10	QPSK	25	0	21.79	21.72	21.58
10	QPSK	25	12	21.50	21.69	21.52
10	QPSK	25	25	21.60	21.45	21.48
10	QPSK	50	0	21.70	21.61	21.51
10	16QAM	1	0	21.64	21.69	21.77
10	16QAM	1	25	21.76	21.78	21.76
10	16QAM	1	49	21.59	21.82	21.49
10	16QAM	25	0	20.58	20.88	20.72
10	16QAM	25	12	20.60	20.78	20.61
10	16QAM	25	25	20.45	20.52	20.57
10	16QAM	50	0	20.58	20.58	20.67
10	64QAM	1	0	20.80	20.89	20.69
10	64QAM	1	25	20.70	20.69	20.65
10	64QAM	1	49	20.76	20.63	20.61
10	64QAM	25	0	19.79	19.76	19.44
10	64QAM	25	12	19.66	19.69	19.57
10	64QAM	25	25	19.46	19.74	19.36
10	64QAM	50	0	19.55	19.68	19.33



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				19975	20175	20375
Frequency (MHz)				1712.5	1732.5	1752.5
5	QPSK	1	0	22.73	22.89	22.82
5	QPSK	1	12	22.56	22.80	22.71
5	QPSK	1	24	22.81	22.83	22.67
5	QPSK	12	0	21.60	21.76	21.72
5	QPSK	12	7	21.53	21.63	21.48
5	QPSK	12	13	21.42	21.73	21.46
5	QPSK	25	0	21.73	21.79	21.63
5	16QAM	1	0	21.66	21.87	21.50
5	16QAM	1	12	21.68	21.85	21.57
5	16QAM	1	24	21.74	21.56	21.59
5	16QAM	12	0	20.59	20.65	20.54
5	16QAM	12	7	20.61	20.70	20.37
5	16QAM	12	13	20.42	20.43	20.43
5	16QAM	25	0	20.64	20.56	20.35
5	64QAM	1	0	20.73	20.80	20.71
5	64QAM	1	12	20.84	20.82	20.52
5	64QAM	1	24	20.50	20.64	20.75
5	64QAM	12	0	19.74	19.73	19.61
5	64QAM	12	7	19.54	19.73	19.51
5	64QAM	12	13	19.60	19.55	19.61
5	64QAM	25	0	19.56	19.71	19.63



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				19965	20175	20385
Frequency (MHz)				1711.5	1732.5	1753.5
3	QPSK	1	0	22.69	22.87	22.76
3	QPSK	1	8	22.73	22.77	22.74
3	QPSK	1	14	22.71	22.80	22.59
3	QPSK	8	0	21.71	21.73	21.67
3	QPSK	8	4	21.73	21.56	21.57
3	QPSK	8	7	21.53	21.57	21.51
3	QPSK	15	0	21.58	21.48	21.38
3	16QAM	1	0	21.87	21.78	21.74
3	16QAM	1	8	21.69	21.85	21.64
3	16QAM	1	14	21.73	21.82	21.71
3	16QAM	8	0	20.65	20.82	20.50
3	16QAM	8	4	20.74	20.58	20.59
3	16QAM	8	7	20.66	20.62	20.54
3	16QAM	15	0	20.43	20.48	20.44
3	64QAM	1	0	20.66	20.77	20.70
3	64QAM	1	8	20.77	20.79	20.72
3	64QAM	1	14	20.51	20.69	20.53
3	64QAM	8	0	19.72	19.80	19.74
3	64QAM	8	4	19.51	19.73	19.46
3	64QAM	8	7	19.66	19.76	19.55
3	64QAM	15	0	19.56	19.64	19.44





LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				19957	20175	20393
Frequency (MHz)				1710.7	1732.5	1754.3
1.4	QPSK	1	0	22.78	22.88	22.80
1.4	QPSK	1	3	22.75	22.84	22.68
1.4	QPSK	1	5	22.75	22.71	22.53
1.4	QPSK	3	0	21.77	21.68	21.54
1.4	QPSK	3	1	21.53	21.55	21.66
1.4	QPSK	3	3	21.53	21.68	21.50
1.4	QPSK	6	0	21.60	21.59	21.35
1.4	16QAM	1	0	21.86	21.76	21.54
1.4	16QAM	1	3	21.54	21.84	21.74
1.4	16QAM	1	5	21.65	21.63	21.48
1.4	16QAM	3	0	20.75	20.85	20.72
1.4	16QAM	3	1	20.71	20.54	20.59
1.4	16QAM	3	3	20.71	20.77	20.61
1.4	16QAM	6	0	20.70	20.48	20.50
1.4	64QAM	1	0	20.71	20.84	20.73
1.4	64QAM	1	3	20.73	20.71	20.74
1.4	64QAM	1	5	20.73	20.82	20.56
1.4	64QAM	3	0	19.81	19.72	19.66
1.4	64QAM	3	1	19.46	19.66	19.52
1.4	64QAM	3	3	19.44	19.58	19.60
1.4	64QAM	6	0	19.53	19.48	19.45



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	23.46	23.54	23.51
10	QPSK	1	25	23.24	23.43	23.28
10	QPSK	1	49	23.27	23.28	23.39
10	QPSK	25	0	22.24	22.40	22.29
10	QPSK	25	12	22.16	22.39	22.19
10	QPSK	25	25	22.23	22.16	22.08
10	QPSK	50	0	22.07	22.17	22.20
10	16QAM	1	0	22.38	22.47	22.45
10	16QAM	1	25	22.14	22.39	22.40
10	16QAM	1	49	22.17	22.38	22.42
10	16QAM	25	0	21.35	21.38	21.34
10	16QAM	25	12	21.16	21.29	21.30
10	16QAM	25	25	21.18	21.23	21.12
10	16QAM	50	0	21.20	21.36	21.14
10	64QAM	1	0	21.36	21.50	21.22
10	64QAM	1	25	21.25	21.45	21.36
10	64QAM	1	49	21.27	21.43	21.47
10	64QAM	25	0	20.13	20.27	20.17
10	64QAM	25	12	20.07	20.13	20.36
10	64QAM	25	25	20.11	20.17	20.27
10	64QAM	50	0	20.10	20.29	20.20



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	23.34	23.50	23.41
5	QPSK	1	12	23.29	23.41	23.24
5	QPSK	1	24	23.31	23.34	23.22
5	QPSK	12	0	22.25	22.46	22.37
5	QPSK	12	7	22.12	22.31	22.14
5	QPSK	12	13	22.07	22.14	22.11
5	QPSK	25	0	22.16	22.38	22.09
5	16QAM	1	0	22.22	22.46	22.37
5	16QAM	1	12	22.35	22.23	22.28
5	16QAM	1	24	22.24	22.45	22.25
5	16QAM	12	0	21.20	21.40	21.18
5	16QAM	12	7	21.13	21.33	21.17
5	16QAM	12	13	21.09	21.29	21.25
5	16QAM	25	0	21.13	21.29	21.18
5	64QAM	1	0	21.25	21.49	21.39
5	64QAM	1	12	21.09	21.26	21.35
5	64QAM	1	24	21.20	21.35	21.12
5	64QAM	12	0	20.10	20.48	20.19
5	64QAM	12	7	20.22	20.26	20.27
5	64QAM	12	13	20.24	20.20	20.15
5	64QAM	25	0	20.15	20.06	20.22



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	23.35	23.51	23.38
3	QPSK	1	8	23.29	23.35	23.36
3	QPSK	1	14	23.16	23.25	23.33
3	QPSK	8	0	22.24	22.46	22.32
3	QPSK	8	4	22.19	22.32	22.12
3	QPSK	8	7	22.22	22.26	22.18
3	QPSK	15	0	22.03	22.39	22.08
3	16QAM	1	0	22.27	22.48	22.37
3	16QAM	1	8	22.13	22.34	22.24
3	16QAM	1	14	22.27	22.39	22.19
3	16QAM	8	0	21.10	21.46	21.19
3	16QAM	8	4	21.23	21.47	21.10
3	16QAM	8	7	21.09	21.30	21.29
3	16QAM	15	0	21.13	21.11	21.28
3	64QAM	1	0	21.18	21.24	21.41
3	64QAM	1	8	21.08	21.23	21.13
3	64QAM	1	14	21.18	21.42	21.30
3	64QAM	8	0	20.23	20.40	20.14
3	64QAM	8	4	20.17	20.44	20.31
3	64QAM	8	7	20.08	20.09	20.05
3	64QAM	15	0	20.15	20.08	20.25



LTE Band 5						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20407	20525	20643
Frequency (MHz)				824.7	836.5	848.3
1.4	QPSK	1	0	23.29	23.49	23.41
1.4	QPSK	1	3	23.37	23.33	23.40
1.4	QPSK	1	5	23.29	23.31	23.21
1.4	QPSK	3	0	22.33	22.43	22.26
1.4	QPSK	3	1	22.27	22.41	22.26
1.4	QPSK	3	3	22.08	22.11	22.17
1.4	QPSK	6	0	22.22	22.29	22.08
1.4	16QAM	1	0	22.11	22.33	22.31
1.4	16QAM	1	3	22.13	22.31	22.25
1.4	16QAM	1	5	22.28	22.24	22.41
1.4	16QAM	3	0	21.17	21.32	21.16
1.4	16QAM	3	1	21.20	21.28	21.16
1.4	16QAM	3	3	21.11	21.28	21.30
1.4	16QAM	6	0	21.17	21.30	21.25
1.4	64QAM	1	0	21.38	21.26	21.19
1.4	64QAM	1	3	21.29	21.36	21.32
1.4	64QAM	1	5	21.31	21.27	21.43
1.4	64QAM	3	0	20.19	20.39	20.26
1.4	64QAM	3	1	20.14	20.37	20.06
1.4	64QAM	3	3	20.11	20.35	20.24
1.4	64QAM	6	0	20.07	20.29	20.16



LTE Band 7						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20850	21100	21350
Frequency (MHz)				2510	2535	2560
20	QPSK	1	0	23.54	23.63	23.55
20	QPSK	1	49	23.54	23.47	23.40
20	QPSK	1	99	23.40	23.45	23.36
20	QPSK	50	0	22.47	22.52	22.37
20	QPSK	50	24	22.43	22.39	22.30
20	QPSK	50	50	22.23	22.37	22.40
20	QPSK	100	0	22.26	22.41	22.35
20	16QAM	1	0	22.40	22.60	22.44
20	16QAM	1	49	22.53	22.45	22.48
20	16QAM	1	99	22.29	22.53	22.32
20	16QAM	50	0	21.45	21.53	21.50
20	16QAM	50	24	21.34	21.51	21.44
20	16QAM	50	50	21.37	21.51	21.38
20	16QAM	100	0	21.25	21.47	21.48
20	64QAM	1	0	21.45	21.57	21.49
20	64QAM	1	49	21.31	21.41	21.32
20	64QAM	1	99	21.35	21.39	21.48
20	64QAM	50	0	20.47	20.52	20.39
20	64QAM	50	24	20.31	20.27	20.37
20	64QAM	50	50	20.17	20.47	20.30
20	64QAM	100	0	20.19	20.47	20.31



LTE Band 7						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20825	21100	21375
Frequency (MHz)				2507.5	2535	2562.5
15	QPSK	1	0	23.55	23.58	23.55
15	QPSK	1	37	23.37	23.38	23.47
15	QPSK	1	74	23.32	23.44	23.40
15	QPSK	36	0	22.37	22.47	22.43
15	QPSK	36	20	22.25	22.28	22.23
15	QPSK	36	39	22.38	22.44	22.32
15	QPSK	75	0	22.20	22.22	22.33
15	16QAM	1	0	22.53	22.55	22.46
15	16QAM	1	37	22.38	22.48	22.33
15	16QAM	1	74	22.43	22.45	22.42
15	16QAM	36	0	21.47	21.49	21.49
15	16QAM	36	20	21.36	21.43	21.45
15	16QAM	36	39	21.27	21.33	21.41
15	16QAM	75	0	21.30	21.48	21.44
15	64QAM	1	0	21.29	21.54	21.49
15	64QAM	1	37	21.45	21.46	21.41
15	64QAM	1	74	21.37	21.31	21.43
15	64QAM	36	0	20.45	20.46	20.37
15	64QAM	36	20	20.43	20.29	20.35
15	64QAM	36	39	20.24	20.29	20.32
15	64QAM	75	0	20.35	20.42	20.32



LTE Band 7						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20800	21100	21400
Frequency (MHz)				2505	2535	2565
10	QPSK	1	0	23.54	23.57	23.43
10	QPSK	1	25	23.45	23.43	23.34
10	QPSK	1	49	23.50	23.42	23.36
10	QPSK	25	0	22.38	22.50	22.28
10	QPSK	25	12	22.33	22.49	22.42
10	QPSK	25	25	22.16	22.36	22.30
10	QPSK	50	0	22.27	22.35	22.43
10	16QAM	1	0	22.43	22.56	22.40
10	16QAM	1	25	22.45	22.55	22.38
10	16QAM	1	49	22.33	22.51	22.46
10	16QAM	25	0	21.35	21.48	21.47
10	16QAM	25	12	21.45	21.46	21.33
10	16QAM	25	25	21.37	21.22	21.38
10	16QAM	50	0	21.25	21.36	21.39
10	64QAM	1	0	21.29	21.57	21.41
10	64QAM	1	25	21.29	21.39	21.49
10	64QAM	1	49	21.28	21.35	21.47
10	64QAM	25	0	20.25	20.46	20.33
10	64QAM	25	12	20.18	20.41	20.44
10	64QAM	25	25	20.14	20.42	20.28
10	64QAM	50	0	20.15	20.30	20.28





LTE Band 7						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20775	21100	21425
Frequency (MHz)				2502.5	2535	2567.5
5	QPSK	1	0	23.42	23.56	23.53
5	QPSK	1	12	23.29	23.45	23.43
5	QPSK	1	24	23.24	23.46	23.32
5	QPSK	12	0	22.37	22.49	22.41
5	QPSK	12	7	22.22	22.42	22.20
5	QPSK	12	13	22.26	22.34	22.23
5	QPSK	25	0	22.23	22.47	22.39
5	16QAM	1	0	22.51	22.55	22.50
5	16QAM	1	12	22.29	22.49	22.53
5	16QAM	1	24	22.42	22.48	22.39
5	16QAM	12	0	21.34	21.50	21.42
5	16QAM	12	7	21.19	21.31	21.37
5	16QAM	12	13	21.23	21.30	21.29
5	16QAM	25	0	21.35	21.34	21.44
5	64QAM	1	0	21.37	21.52	21.36
5	64QAM	1	12	21.27	21.47	21.32
5	64QAM	1	24	21.25	21.42	21.46
5	64QAM	12	0	20.46	20.48	20.41
5	64QAM	12	7	20.47	20.37	20.19
5	64QAM	12	13	20.24	20.31	20.16
5	64QAM	25	0	20.31	20.28	20.18



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	23.53	23.67	23.63
10	QPSK	1	25	23.37	23.60	23.61
10	QPSK	1	49	23.36	23.39	23.36
10	QPSK	25	0	22.39	22.49	22.46
10	QPSK	25	12	22.30	22.41	22.44
10	QPSK	25	25	22.25	22.28	22.27
10	QPSK	50	0	22.28	22.36	22.40
10	16QAM	1	0	22.47	22.66	22.64
10	16QAM	1	25	22.43	22.48	22.44
10	16QAM	1	49	22.40	22.56	22.47
10	16QAM	25	0	21.35	21.51	21.44
10	16QAM	25	12	21.24	21.44	21.28
10	16QAM	25	25	21.29	21.48	21.47
10	16QAM	50	0	21.30	21.44	21.36
10	64QAM	1	0	21.48	21.63	21.53
10	64QAM	1	25	21.52	21.61	21.51
10	64QAM	1	49	21.35	21.63	21.36
10	64QAM	25	0	20.40	20.50	20.33
10	64QAM	25	12	20.39	20.34	20.37
10	64QAM	25	25	20.21	20.47	20.43
10	64QAM	50	0	20.27	20.45	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	23.31	23.64	23.60
5	QPSK	1	12	23.50	23.45	23.49
5	QPSK	1	24	23.39	23.57	23.57
5	QPSK	12	0	22.44	22.49	22.45
5	QPSK	12	7	22.36	22.24	22.31
5	QPSK	12	13	22.18	22.48	22.32
5	QPSK	25	0	22.25	22.31	22.26
5	16QAM	1	0	22.52	22.57	22.53
5	16QAM	1	12	22.36	22.56	22.44
5	16QAM	1	24	22.47	22.48	22.50
5	16QAM	12	0	21.37	21.50	21.47
5	16QAM	12	7	21.42	21.47	21.33
5	16QAM	12	13	21.37	21.35	21.29
5	16QAM	25	0	21.23	21.43	21.42
5	64QAM	1	0	21.35	21.60	21.51
5	64QAM	1	12	21.42	21.57	21.56
5	64QAM	1	24	21.29	21.58	21.33
5	64QAM	12	0	20.29	20.42	20.40
5	64QAM	12	7	20.14	20.30	20.37
5	64QAM	12	13	20.32	20.41	20.22
5	64QAM	25	0	20.32	20.48	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	23.50	23.62	23.61
3	QPSK	1	8	23.51	23.59	23.52
3	QPSK	1	14	23.39	23.54	23.46
3	QPSK	8	0	22.30	22.53	22.32
3	QPSK	8	4	22.20	22.42	22.50
3	QPSK	8	7	22.26	22.30	22.23
3	QPSK	15	0	22.35	22.26	22.38
3	16QAM	1	0	22.38	22.59	22.51
3	16QAM	1	8	22.49	22.57	22.45
3	16QAM	1	14	22.35	22.56	22.39
3	16QAM	8	0	21.41	21.51	21.55
3	16QAM	8	4	21.40	21.50	21.51
3	16QAM	8	7	21.36	21.50	21.35
3	16QAM	15	0	21.31	21.43	21.52
3	64QAM	1	0	21.50	21.56	21.53
3	64QAM	1	8	21.43	21.62	21.44
3	64QAM	1	14	21.32	21.64	21.35
3	64QAM	8	0	20.29	20.46	20.44
3	64QAM	8	4	20.12	20.44	20.25
3	64QAM	8	7	20.35	20.42	20.31
3	64QAM	15	0	20.20	20.41	20.30



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	23.44	23.63	23.39
1.4	QPSK	1	3	23.45	23.39	23.40
1.4	QPSK	1	5	23.31	23.47	23.49
1.4	QPSK	3	0	22.25	22.60	22.60
1.4	QPSK	3	1	22.28	22.45	22.41
1.4	QPSK	3	3	22.31	22.22	22.38
1.4	QPSK	6	0	22.24	22.29	22.38
1.4	16QAM	1	0	22.40	22.49	22.41
1.4	16QAM	1	3	22.43	22.53	22.53
1.4	16QAM	1	5	22.44	22.60	22.42
1.4	16QAM	3	0	21.37	21.50	21.42
1.4	16QAM	3	1	21.31	21.43	21.35
1.4	16QAM	3	3	21.28	21.37	21.23
1.4	16QAM	6	0	21.31	21.57	21.55
1.4	64QAM	1	0	21.51	21.55	21.52
1.4	64QAM	1	3	21.46	21.45	21.49
1.4	64QAM	1	5	21.28	21.43	21.41
1.4	64QAM	3	0	20.43	20.45	20.29
1.4	64QAM	3	1	20.36	20.40	20.39
1.4	64QAM	3	3	20.25	20.33	20.26
1.4	64QAM	6	0	20.17	20.21	20.22



LTE Band 13						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				/	23230	/
Frequency (MHz)				/	782	/
10	QPSK	1	0	/	23.59	/
10	QPSK	1	25	/	23.47	/
10	QPSK	1	49	/	23.42	/
10	QPSK	25	0	/	22.46	/
10	QPSK	25	12	/	22.39	/
10	QPSK	25	25	/	22.34	/
10	QPSK	50	0	/	22.41	/
10	16QAM	1	0	/	22.47	/
10	16QAM	1	25	/	22.40	/
10	16QAM	1	49	/	22.36	/
10	16QAM	25	0	/	21.40	/
10	16QAM	25	12	/	21.35	/
10	16QAM	25	25	/	21.28	/
10	16QAM	50	0	/	21.33	/
10	64QAM	1	0	/	21.53	/
10	64QAM	1	25	/	21.48	/
10	64QAM	1	49	/	21.44	/
10	64QAM	25	0	/	20.41	/
10	64QAM	25	12	/	20.33	/
10	64QAM	25	25	/	20.30	/
10	64QAM	50	0	/	20.36	/



LTE Band 13						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23205	23230	23255
Frequency (MHz)				779.5	782	784.5
5	QPSK	1	0	23.42	23.55	23.49
5	QPSK	1	12	23.47	23.48	23.45
5	QPSK	1	24	23.30	23.42	23.41
5	QPSK	12	0	22.26	22.41	22.27
5	QPSK	12	7	22.20	22.37	22.17
5	QPSK	12	13	22.30	22.25	22.30
5	QPSK	25	0	22.33	22.51	22.28
5	16QAM	1	0	22.44	22.50	22.49
5	16QAM	1	12	22.42	22.47	22.30
5	16QAM	1	24	22.46	22.46	22.42
5	16QAM	12	0	21.39	21.48	21.36
5	16QAM	12	7	21.40	21.35	21.33
5	16QAM	12	13	21.22	21.41	21.37
5	16QAM	25	0	21.28	21.36	21.31
5	64QAM	1	0	21.36	21.59	21.51
5	64QAM	1	12	21.52	21.57	21.45
5	64QAM	1	24	21.28	21.33	21.27
5	64QAM	12	0	20.25	20.55	20.50
5	64QAM	12	7	20.19	20.24	20.41
5	64QAM	12	13	20.31	20.38	20.25
5	64QAM	25	0	20.18	20.33	20.19



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	23.48	23.58	23.54
10	QPSK	1	25	23.36	23.45	23.27
10	QPSK	1	49	23.26	23.38	23.47
10	QPSK	25	0	22.22	22.40	22.32
10	QPSK	25	12	22.23	22.28	22.26
10	QPSK	25	25	22.22	22.32	22.23
10	QPSK	50	0	22.27	22.35	22.30
10	16QAM	1	0	22.44	22.52	22.38
10	16QAM	1	25	22.34	22.42	22.28
10	16QAM	1	49	22.32	22.46	22.47
10	16QAM	25	0	21.30	21.37	21.29
10	16QAM	25	12	21.21	21.35	21.23
10	16QAM	25	25	21.15	21.29	21.20
10	16QAM	50	0	21.27	21.23	21.23
10	64QAM	1	0	21.31	21.54	21.39
10	64QAM	1	25	21.35	21.53	21.23
10	64QAM	1	49	21.27	21.48	21.42
10	64QAM	25	0	20.27	20.40	20.24
10	64QAM	25	12	20.21	20.30	20.15
10	64QAM	25	25	20.21	20.35	20.23
10	64QAM	50	0	20.24	20.33	20.26





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	23.46	23.54	23.48
5	QPSK	1	12	23.36	23.33	23.45
5	QPSK	1	24	23.30	23.42	23.33
5	QPSK	12	0	22.38	22.45	22.31
5	QPSK	12	7	22.25	22.40	22.39
5	QPSK	12	13	22.22	22.29	22.33
5	QPSK	25	0	22.26	22.34	22.24
5	16QAM	1	0	22.41	22.55	22.47
5	16QAM	1	12	22.33	22.40	22.24
5	16QAM	1	24	22.30	22.39	22.36
5	16QAM	12	0	21.33	21.49	21.47
5	16QAM	12	7	21.25	21.38	21.37
5	16QAM	12	13	21.29	21.31	21.32
5	16QAM	25	0	21.12	21.33	21.21
5	64QAM	1	0	21.50	21.46	21.40
5	64QAM	1	12	21.30	21.30	21.33
5	64QAM	1	24	21.33	21.54	21.28
5	64QAM	12	0	20.35	20.46	20.45
5	64QAM	12	7	20.28	20.42	20.28
5	64QAM	12	13	20.18	20.33	20.19
5	64QAM	25	0	20.29	20.37	20.15



LTE Band 18						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23965	23970	23975
Frequency (MHz)				826.5	827	827.5
5	QPSK	1	0	23.03	22.75	22.76
5	QPSK	1	12	23.36	23.64	23.13
5	QPSK	1	24	23.02	22.91	22.74
5	QPSK	12	0	22.49	22.62	22.46
5	QPSK	12	7	22.45	22.48	22.49
5	QPSK	12	13	22.37	22.31	22.34
5	QPSK	25	0	22.6	22.48	22.45
5	16QAM	1	0	22.21	22.19	21.97
5	16QAM	1	12	22.65	22.19	22.42
5	16QAM	1	24	22.07	21.74	21.83
5	16QAM	12	0	21.57	21.51	21.37
5	16QAM	12	7	21.54	21.7	21.48
5	16QAM	12	13	21.34	21.47	21.3
5	16QAM	25	0	21.48	21.69	21.4
5	64QAM	1	0	22.2	22.16	22.04
5	64QAM	1	12	22.45	22.37	22.36
5	64QAM	1	24	21.68	21.9	21.66
5	64QAM	12	0	21.35	21.39	21.23
5	64QAM	12	7	21.14	21.47	21.31
5	64QAM	12	13	21.07	21.17	21.31
5	64QAM	25	0	21.47	21.6	21.56



LTE Band 19						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				/	24075	/
Frequency (MHz)				/	837.5	/
15	QPSK	1	0	/	23.71	/
15	QPSK	1	37	/	23.68	/
15	QPSK	1	74	/	23.52	/
15	QPSK	36	0	/	22.60	/
15	QPSK	36	20	/	22.51	/
15	QPSK	36	39	/	22.43	/
15	QPSK	75	0	/	22.47	/
15	16QAM	1	0	/	22.65	/
15	16QAM	1	37	/	22.59	/
15	16QAM	1	74	/	22.53	/
15	16QAM	36	0	/	21.57	/
15	16QAM	36	20	/	21.47	/
15	16QAM	36	39	/	21.43	/
15	16QAM	75	0	/	21.46	/
15	64QAM	1	0	/	21.66	/
15	64QAM	1	37	/	21.63	/
15	64QAM	1	74	/	21.52	/
15	64QAM	36	0	/	20.58	/
15	64QAM	36	20	/	20.46	/
15	64QAM	36	39	/	20.54	/
15	64QAM	75	0	/	20.45	/



LTE Band 19						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				24050	24075	24100
Frequency (MHz)				835	837.5	840
10	QPSK	1	0	23.65	23.66	23.57
10	QPSK	1	25	23.50	23.58	23.48
10	QPSK	1	49	23.43	23.61	23.41
10	QPSK	25	0	22.42	22.53	22.48
10	QPSK	25	12	22.30	22.44	22.35
10	QPSK	25	25	22.39	22.50	22.46
10	QPSK	50	0	22.41	22.46	22.33
10	16QAM	1	0	22.59	22.61	22.48
10	16QAM	1	25	22.33	22.53	22.54
10	16QAM	1	49	22.34	22.40	22.59
10	16QAM	25	0	21.34	21.55	21.46
10	16QAM	25	12	21.27	21.38	21.50
10	16QAM	25	25	21.31	21.48	21.37
10	16QAM	50	0	21.36	21.51	21.59
10	64QAM	1	0	21.54	21.67	21.61
10	64QAM	1	25	21.56	21.51	21.60
10	64QAM	1	49	21.41	21.63	21.65
10	64QAM	25	0	20.41	20.53	20.44
10	64QAM	25	12	20.45	20.50	20.38
10	64QAM	25	25	20.35	20.44	20.36
10	64QAM	50	0	20.28	20.32	20.26



LTE Band 19						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				24025	24075	24125
Frequency (MHz)				832.5	837.5	842.5
5	QPSK	1	0	23.45	23.65	23.51
5	QPSK	1	12	23.40	23.52	23.44
5	QPSK	1	24	23.37	23.46	23.33
5	QPSK	12	0	22.52	22.55	22.50
5	QPSK	12	7	22.38	22.39	22.41
5	QPSK	12	13	22.36	22.41	22.29
5	QPSK	25	0	22.31	22.44	22.47
5	16QAM	1	0	22.54	22.60	22.55
5	16QAM	1	12	22.53	22.39	22.38
5	16QAM	1	24	22.42	22.47	22.47
5	16QAM	12	0	21.53	21.56	21.47
5	16QAM	12	7	21.41	21.53	21.35
5	16QAM	12	13	21.37	21.44	21.48
5	16QAM	25	0	21.37	21.51	21.36
5	64QAM	1	0	21.45	21.59	21.48
5	64QAM	1	12	21.39	21.52	21.51
5	64QAM	1	24	21.36	21.43	21.45
5	64QAM	12	0	20.39	20.53	20.50
5	64QAM	12	7	20.47	20.56	20.37
5	64QAM	12	13	20.32	20.43	20.35
5	64QAM	25	0	20.31	20.25	20.39



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	23.13	22.67	22.90
15	QPSK	1	37	22.85	23.42	23.26
15	QPSK	1	74	23.26	23.31	23.02
15	QPSK	36	0	22.55	22.59	22.57
15	QPSK	36	20	22.57	22.62	22.69
15	QPSK	36	39	22.56	22.50	22.45
15	QPSK	75	0	22.44	22.52	22.61
15	16QAM	1	0	21.87	21.76	21.90
15	16QAM	1	37	22.48	22.30	22.73
15	16QAM	1	74	21.91	22.09	21.68
15	16QAM	36	0	21.50	21.38	21.66
15	16QAM	36	20	21.59	21.72	21.75
15	16QAM	36	39	21.59	21.54	21.55
15	16QAM	75	0	21.46	21.44	21.74
15	64QAM	1	0	22.17	21.97	21.92
15	64QAM	1	37	22.20	22.37	22.35
15	64QAM	1	74	22.31	21.76	21.63
15	64QAM	36	0	21.46	21.60	21.61
15	64QAM	36	20	21.47	21.78	21.74
15	64QAM	36	39	21.62	21.71	21.55
15	64QAM	75	0	21.40	21.60	21.57



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	23.45	23.01	23.09
10	QPSK	1	25	23.27	23.17	23.42
10	QPSK	1	49	23.01	23.20	22.87
10	QPSK	25	0	22.65	22.54	22.69
10	QPSK	25	12	22.60	22.68	22.38
10	QPSK	25	25	22.45	22.47	22.38
10	QPSK	50	0	22.72	22.44	22.60
10	16QAM	1	0	21.99	22.15	22.08
10	16QAM	1	25	22.09	22.30	22.43
10	16QAM	1	49	22.21	22.18	21.97
10	16QAM	25	0	21.81	21.44	21.70
10	16QAM	25	12	21.66	21.76	21.64
10	16QAM	25	25	21.42	21.65	21.22
10	16QAM	50	0	21.61	21.70	21.63
10	64QAM	1	0	21.89	21.71	22.08
10	64QAM	1	25	22.24	22.49	22.34
10	64QAM	1	49	21.81	22.03	21.80
10	64QAM	25	0	21.78	21.59	21.77
10	64QAM	25	12	21.76	21.77	21.72
10	64QAM	25	25	21.56	21.52	21.36
10	64QAM	50	0	21.48	21.55	21.77



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	23.06	23.27
5	QPSK	1	12	23.24	22.98	23.05
5	QPSK	1	24	23.09	23.25	22.80
5	QPSK	12	0	22.59	22.51	22.63
5	QPSK	12	7	22.68	22.63	22.53
5	QPSK	12	13	22.52	22.59	22.37
5	QPSK	25	0	22.46	22.44	22.49
5	16QAM	1	0	21.93	22.08	22.20
5	16QAM	1	12	22.52	22.56	22.19
5	16QAM	1	24	21.94	22.05	22.00
5	16QAM	12	0	21.63	21.31	21.79
5	16QAM	12	7	21.51	21.70	21.42
5	16QAM	12	13	21.36	21.57	21.32
5	16QAM	25	0	21.56	21.69	21.35
5	64QAM	1	0	22.04	21.69	22.29
5	64QAM	1	12	22.44	22.43	22.42
5	64QAM	1	24	21.59	22.13	21.51
5	64QAM	12	0	21.22	21.08	21.39
5	64QAM	12	7	21.65	21.54	21.25
5	64QAM	12	13	21.42	21.38	21.16
5	64QAM	25	0	21.53	21.65	21.65





LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26805	26915	27025
Frequency (MHz)				825.5	836.5	847.5
3	QPSK	1	0	23.05	22.79	23.23
3	QPSK	1	8	23.20	23.08	23.18
3	QPSK	1	14	22.98	22.81	23.32
3	QPSK	8	0	22.49	22.40	22.53
3	QPSK	8	4	22.48	22.48	22.47
3	QPSK	8	7	22.53	22.51	22.46
3	QPSK	15	0	22.45	22.36	22.30
3	16QAM	1	0	22.21	21.97	22.25
3	16QAM	1	8	22.06	22.12	21.96
3	16QAM	1	14	22.02	22.01	21.99
3	16QAM	8	0	21.26	21.19	21.27
3	16QAM	8	4	21.41	21.48	21.37
3	16QAM	8	7	21.62	21.46	21.41
3	16QAM	15	0	21.49	21.54	21.42
3	64QAM	1	0	22.16	22.00	22.12
3	64QAM	1	8	21.86	21.90	21.98
3	64QAM	1	14	21.87	21.72	21.67
3	64QAM	8	0	21.45	21.28	21.35
3	64QAM	8	4	21.40	21.55	21.55
3	64QAM	8	7	21.41	21.45	21.54
3	64QAM	15	0	21.22	21.44	21.35



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	22.97	22.88	22.81
1.4	QPSK	1	3	22.49	23.26	23.11
1.4	QPSK	1	5	23.03	23.26	23.43
1.4	QPSK	3	0	23.29	23.11	23.26
1.4	QPSK	3	1	23.19	23.15	23.09
1.4	QPSK	3	3	23.20	23.17	22.99
1.4	QPSK	6	0	22.46	22.41	22.21
1.4	16QAM	1	0	21.62	22.22	21.88
1.4	16QAM	1	3	21.82	22.20	21.94
1.4	16QAM	1	5	21.59	22.13	21.92
1.4	16QAM	3	0	22.11	22.35	22.22
1.4	16QAM	3	1	22.19	22.06	22.09
1.4	16QAM	3	3	22.49	22.31	22.17
1.4	16QAM	6	0	20.89	21.13	21.33
1.4	64QAM	1	0	21.97	22.03	22.10
1.4	64QAM	1	3	21.94	21.97	21.86
1.4	64QAM	1	5	21.77	21.65	21.84
1.4	64QAM	3	0	22.30	22.27	22.23
1.4	64QAM	3	1	22.47	22.34	22.31
1.4	64QAM	3	3	22.36	22.27	22.35
1.4	64QAM	6	0	21.48	21.30	21.00



LTE Band 38						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				37850	38000	38150
Frequency (MHz)				2580	2595	2610
20	QPSK	1	0	23.39	23.42	23.34
20	QPSK	1	49	23.36	23.21	23.15
20	QPSK	1	99	23.27	23.18	23.23
20	QPSK	50	0	22.33	22.35	22.19
20	QPSK	50	24	22.29	22.28	22.12
20	QPSK	50	50	22.11	22.17	22.16
20	QPSK	100	0	22.15	22.26	22.13
20	16QAM	1	0	22.34	22.39	22.36
20	16QAM	1	49	22.25	22.20	22.15
20	16QAM	1	99	22.21	22.13	22.26
20	16QAM	50	0	21.30	21.33	21.29
20	16QAM	50	24	21.15	21.29	21.21
20	16QAM	50	50	21.17	21.15	21.12
20	16QAM	100	0	21.13	21.09	21.12
20	64QAM	1	0	21.34	21.38	21.28
20	64QAM	1	49	21.36	21.24	21.35
20	64QAM	1	99	21.20	21.36	21.22
20	64QAM	50	0	20.33	20.35	20.20
20	64QAM	50	24	20.21	20.34	20.08
20	64QAM	50	50	20.12	20.19	20.18
20	64QAM	100	0	20.16	20.30	20.14



LTE Band 38						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				37825	38000	38175
Frequency (MHz)				2577.5	2595	2612.5
15	QPSK	1	0	23.37	23.39	23.28
15	QPSK	1	37	23.24	23.27	23.09
15	QPSK	1	74	23.30	23.19	23.32
15	QPSK	36	0	22.21	22.28	22.24
15	QPSK	36	20	22.17	22.23	22.00
15	QPSK	36	39	22.12	22.19	22.11
15	QPSK	75	0	22.16	22.29	22.07
15	16QAM	1	0	22.32	22.33	22.31
15	16QAM	1	37	22.07	22.26	22.24
15	16QAM	1	74	22.16	22.17	22.18
15	16QAM	36	0	21.20	21.28	21.23
15	16QAM	36	20	21.11	21.08	21.12
15	16QAM	36	39	21.04	21.09	21.06
15	16QAM	75	0	21.21	21.15	21.13
15	64QAM	1	0	21.25	21.41	21.25
15	64QAM	1	37	21.14	21.18	21.29
15	64QAM	1	74	21.09	21.32	21.16
15	64QAM	36	0	20.27	20.32	20.15
15	64QAM	36	20	20.21	20.34	20.07
15	64QAM	36	39	20.10	20.19	20.16
15	64QAM	75	0	20.15	20.20	20.03



LTE Band 38						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				37800	38000	38200
Frequency (MHz)				2575	2595	2615
10	QPSK	1	0	23.36	23.40	23.32
10	QPSK	1	25	23.29	23.24	23.25
10	QPSK	1	49	23.17	23.29	23.10
10	QPSK	25	0	22.21	22.27	22.20
10	QPSK	25	12	22.16	22.16	22.14
10	QPSK	25	25	22.07	22.23	22.14
10	QPSK	50	0	22.25	22.22	22.10
10	16QAM	1	0	22.20	22.38	22.19
10	16QAM	1	25	22.20	22.24	22.36
10	16QAM	1	49	22.13	22.11	22.14
10	16QAM	25	0	21.22	21.26	21.17
10	16QAM	25	12	21.13	21.21	21.10
10	16QAM	25	25	21.21	21.19	21.18
10	16QAM	50	0	21.10	21.21	21.08
10	64QAM	1	0	21.33	21.34	21.28
10	64QAM	1	25	21.20	21.30	21.20
10	64QAM	1	49	21.24	21.26	21.17
10	64QAM	25	0	20.08	20.34	20.21
10	64QAM	25	12	20.30	20.25	20.10
10	64QAM	25	25	20.18	20.21	20.18
10	64QAM	50	0	20.08	20.12	20.07



LTE Band 38						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				37775	38000	38225
Frequency (MHz)				2572.5	2595	2617.5
5	QPSK	1	0	23.32	23.38	23.17
5	QPSK	1	12	23.24	23.18	23.23
5	QPSK	1	24	23.16	23.30	23.09
5	QPSK	12	0	22.22	22.29	22.16
5	QPSK	12	7	22.17	22.21	22.08
5	QPSK	12	13	22.06	22.12	22.12
5	QPSK	25	0	22.07	22.14	22.09
5	16QAM	1	0	22.28	22.37	22.35
5	16QAM	1	12	22.34	22.26	22.31
5	16QAM	1	24	22.25	22.17	22.20
5	16QAM	12	0	21.26	21.26	21.09
5	16QAM	12	7	21.10	21.12	21.20
5	16QAM	12	13	21.22	21.15	21.09
5	16QAM	25	0	21.08	21.11	21.09
5	64QAM	1	0	21.33	21.34	21.10
5	64QAM	1	12	21.27	21.14	21.32
5	64QAM	1	24	21.04	21.24	21.35
5	64QAM	12	0	20.16	20.26	20.17
5	64QAM	12	7	20.07	20.09	20.05
5	64QAM	12	13	20.19	20.15	20.12
5	64QAM	25	0	20.19	20.22	20.13



LTE Band 41						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				40140	40640	41140
Frequency (MHz)				2545	2595	2645
20	QPSK	1	0	23.41	23.59	23.54
20	QPSK	1	49	23.36	23.46	23.40
20	QPSK	1	99	23.27	23.48	23.48
20	QPSK	50	0	22.33	22.47	22.43
20	QPSK	50	24	22.27	22.38	22.36
20	QPSK	50	50	22.25	22.34	22.32
20	QPSK	100	0	22.29	22.35	22.44
20	16QAM	1	0	22.39	22.54	22.47
20	16QAM	1	49	22.31	22.50	22.45
20	16QAM	1	99	22.20	22.43	22.39
20	16QAM	50	0	21.35	21.45	21.33
20	16QAM	50	24	21.22	21.42	21.39
20	16QAM	50	50	21.28	21.31	21.24
20	16QAM	100	0	21.27	21.36	21.34
20	64QAM	1	0	21.37	21.55	21.51
20	64QAM	1	49	21.35	21.49	21.32
20	64QAM	1	99	21.32	21.42	21.34
20	64QAM	50	0	20.32	20.46	20.43
20	64QAM	50	24	20.36	20.36	20.21
20	64QAM	50	50	20.23	20.39	20.19
20	64QAM	100	0	20.20	20.34	20.30



LTE Band 41						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				40115	40640	41165
Frequency (MHz)				2542.5	2595	2647.5
15	QPSK	1	0	23.43	23.56	23.50
15	QPSK	1	37	23.25	23.51	23.45
15	QPSK	1	74	23.30	23.38	23.51
15	QPSK	36	0	22.37	22.47	22.40
15	QPSK	36	20	22.38	22.44	22.45
15	QPSK	36	39	22.29	22.21	22.25
15	QPSK	75	0	22.19	22.35	22.33
15	16QAM	1	0	22.42	22.53	22.46
15	16QAM	1	37	22.33	22.45	22.44
15	16QAM	1	74	22.29	22.43	22.46
15	16QAM	36	0	21.34	21.49	21.47
15	16QAM	36	20	21.39	21.38	21.43
15	16QAM	36	39	21.26	21.35	21.32
15	16QAM	75	0	21.40	21.24	21.48
15	64QAM	1	0	21.34	21.57	21.45
15	64QAM	1	37	21.33	21.45	21.45
15	64QAM	1	74	21.29	21.50	21.28
15	64QAM	36	0	20.25	20.45	20.25
15	64QAM	36	20	20.33	20.23	20.19
15	64QAM	36	39	20.19	20.20	20.15
15	64QAM	75	0	20.23	20.35	20.16





LTE Band 41						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				40090	40640	41190
Frequency (MHz)				2540	2595	2650
10	QPSK	1	0	23.39	23.57	23.48
10	QPSK	1	25	23.37	23.46	23.41
10	QPSK	1	49	23.44	23.53	23.45
10	QPSK	25	0	22.30	22.46	22.29
10	QPSK	25	12	22.18	22.37	22.36
10	QPSK	25	25	22.32	22.28	22.31
10	QPSK	50	0	22.24	22.40	22.15
10	16QAM	1	0	22.43	22.54	22.39
10	16QAM	1	25	22.36	22.45	22.43
10	16QAM	1	49	22.38	22.37	22.32
10	16QAM	25	0	21.30	21.45	21.43
10	16QAM	25	12	21.19	21.36	21.44
10	16QAM	25	25	21.25	21.39	21.34
10	16QAM	50	0	21.16	21.33	21.41
10	64QAM	1	0	21.40	21.54	21.47
10	64QAM	1	25	21.24	21.33	21.23
10	64QAM	1	49	21.45	21.46	21.41
10	64QAM	25	0	20.33	20.47	20.41
10	64QAM	25	12	20.26	20.29	20.21
10	64QAM	25	25	20.22	20.35	20.36
10	64QAM	50	0	20.21	20.37	20.41



LTE Band 41						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				40065	40640	41215
Frequency (MHz)				2537.5	2595	2652.5
5	QPSK	1	0	23.42	23.55	23.44
5	QPSK	1	12	23.25	23.43	23.32
5	QPSK	1	24	23.23	23.39	23.37
5	QPSK	12	0	22.38	22.47	22.36
5	QPSK	12	7	22.35	22.43	22.38
5	QPSK	12	13	22.30	22.17	22.30
5	QPSK	25	0	22.33	22.31	22.21
5	16QAM	1	0	22.55	22.57	22.54
5	16QAM	1	12	22.42	22.34	22.48
5	16QAM	1	24	22.29	22.54	22.28
5	16QAM	12	0	21.36	21.45	21.35
5	16QAM	12	7	21.23	21.33	21.40
5	16QAM	12	13	21.26	21.29	21.27
5	16QAM	25	0	21.34	21.34	21.28
5	64QAM	1	0	21.46	21.54	21.38
5	64QAM	1	12	21.33	21.45	21.33
5	64QAM	1	24	21.16	21.41	21.44
5	64QAM	12	0	20.39	20.46	20.42
5	64QAM	12	7	20.32	20.37	20.43
5	64QAM	12	13	20.27	20.42	20.43
5	64QAM	25	0	20.36	20.39	20.30



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				132072	132322	132572
Frequency (MHz)				1720	1745	1770
20	QPSK	1	0	22.92	22.96	22.87
20	QPSK	1	49	22.87	22.93	22.83
20	QPSK	1	99	22.80	22.79	22.74
20	QPSK	50	0	21.74	21.81	21.68
20	QPSK	50	24	21.68	21.74	21.59
20	QPSK	50	50	21.64	21.69	21.65
20	QPSK	100	0	21.62	21.65	21.67
20	16QAM	1	0	21.64	21.86	21.69
20	16QAM	1	49	21.77	21.62	21.67
20	16QAM	1	99	21.68	21.71	21.74
20	16QAM	50	0	20.71	20.84	20.75
20	16QAM	50	24	20.56	20.82	20.62
20	16QAM	50	50	20.61	20.65	20.65
20	16QAM	100	0	20.57	20.73	20.74
20	64QAM	1	0	20.67	20.79	20.74
20	64QAM	1	49	20.63	20.65	20.76
20	64QAM	1	99	20.72	20.71	20.68
20	64QAM	50	0	19.71	19.84	19.67
20	64QAM	50	24	19.64	19.76	19.68
20	64QAM	50	50	19.61	19.77	19.59
20	64QAM	100	0	19.57	19.62	19.58



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				132047	132322	132597
Frequency (MHz)				1717.5	1745	1772.5
15	QPSK	1	0	22.77	22.93	22.86
15	QPSK	1	37	22.70	22.80	22.79
15	QPSK	1	74	22.64	22.85	22.85
15	QPSK	36	0	21.71	21.88	21.83
15	QPSK	36	20	21.58	21.82	21.77
15	QPSK	36	39	21.66	21.70	21.59
15	QPSK	75	0	21.60	21.51	21.70
15	16QAM	1	0	21.75	21.86	21.84
15	16QAM	1	37	21.73	21.73	21.66
15	16QAM	1	74	21.65	21.64	21.64
15	16QAM	36	0	20.69	20.87	20.70
15	16QAM	36	20	20.61	20.78	20.60
15	16QAM	36	39	20.58	20.80	20.67
15	16QAM	75	0	20.63	20.74	20.71
15	64QAM	1	0	20.64	20.87	20.66
15	64QAM	1	37	20.67	20.82	20.86
15	64QAM	1	74	20.65	20.73	20.64
15	64QAM	36	0	19.67	19.82	19.60
15	64QAM	36	20	19.62	19.76	19.71
15	64QAM	36	39	19.50	19.65	19.60
15	64QAM	75	0	19.54	19.72	19.61



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				132022	132322	132622
Frequency (MHz)				1715	1745	1775
10	QPSK	1	0	22.86	22.94	22.71
10	QPSK	1	25	22.65	22.83	22.80
10	QPSK	1	49	22.69	22.78	22.65
10	QPSK	25	0	21.77	21.82	21.64
10	QPSK	25	12	21.55	21.74	21.78
10	QPSK	25	25	21.58	21.70	21.61
10	QPSK	50	0	21.62	21.67	21.57
10	16QAM	1	0	21.77	21.89	21.77
10	16QAM	1	25	21.79	21.75	21.66
10	16QAM	1	49	21.68	21.72	21.72
10	16QAM	25	0	20.69	20.82	20.81
10	16QAM	25	12	20.65	20.68	20.63
10	16QAM	25	25	20.58	20.79	20.60
10	16QAM	50	0	20.63	20.78	20.64
10	64QAM	1	0	20.78	20.86	20.71
10	64QAM	1	25	20.81	20.63	20.72
10	64QAM	1	49	20.73	20.69	20.65
10	64QAM	25	0	19.65	19.73	19.69
10	64QAM	25	12	19.60	19.84	19.64
10	64QAM	25	25	19.62	19.66	19.60
10	64QAM	50	0	19.56	19.77	19.56



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				131997	132322	132647
Frequency (MHz)				1712.5	1745	1777.5
5	QPSK	1	0	22.65	22.88	22.84
5	QPSK	1	12	22.75	22.79	22.76
5	QPSK	1	24	22.68	22.83	22.78
5	QPSK	12	0	21.63	21.80	21.59
5	QPSK	12	7	21.71	21.74	21.64
5	QPSK	12	13	21.69	21.72	21.70
5	QPSK	25	0	21.66	21.77	21.65
5	16QAM	1	0	21.77	21.87	21.83
5	16QAM	1	12	21.76	21.72	21.84
5	16QAM	1	24	21.65	21.68	21.68
5	16QAM	12	0	20.67	20.79	20.72
5	16QAM	12	7	20.71	20.78	20.69
5	16QAM	12	13	20.66	20.67	20.60
5	16QAM	25	0	20.62	20.83	20.73
5	64QAM	1	0	20.73	20.86	20.67
5	64QAM	1	12	20.67	20.69	20.82
5	64QAM	1	24	20.72	20.77	20.66
5	64QAM	12	0	19.66	19.78	19.56
5	64QAM	12	7	19.67	19.62	19.65
5	64QAM	12	13	19.57	19.59	19.63
5	64QAM	25	0	19.63	19.79	19.72



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				131987	132322	132657
Frequency (MHz)				1711.5	1745	1778.5
3	QPSK	1	0	22.76	22.92	22.83
3	QPSK	1	8	22.84	22.71	22.70
3	QPSK	1	14	22.65	22.92	22.68
3	QPSK	8	0	21.74	21.85	21.58
3	QPSK	8	4	21.55	21.56	21.69
3	QPSK	8	7	21.63	21.76	21.60
3	QPSK	15	0	21.53	21.73	21.59
3	16QAM	1	0	21.76	21.90	21.86
3	16QAM	1	8	21.69	21.62	21.62
3	16QAM	1	14	21.67	21.77	21.80
3	16QAM	8	0	20.68	20.84	20.81
3	16QAM	8	4	20.67	20.65	20.74
3	16QAM	8	7	20.60	20.68	20.65
3	16QAM	15	0	20.46	20.52	20.65
3	64QAM	1	0	20.75	20.94	20.72
3	64QAM	1	8	20.68	20.88	20.82
3	64QAM	1	14	20.70	20.73	20.88
3	64QAM	8	0	19.65	19.81	19.74
3	64QAM	8	4	19.71	19.61	19.70
3	64QAM	8	7	19.62	19.75	19.60
3	64QAM	15	0	19.57	19.65	19.62



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				131979	132322	132665
Frequency (MHz)				1710.7	1745	1779.3
1.4	QPSK	1	0	22.82	22.89	22.81
1.4	QPSK	1	3	22.75	22.80	22.70
1.4	QPSK	1	5	22.72	22.87	22.62
1.4	QPSK	3	0	21.62	21.80	21.79
1.4	QPSK	3	1	21.65	21.60	21.57
1.4	QPSK	3	3	21.59	21.62	21.60
1.4	QPSK	6	0	21.67	21.69	21.62
1.4	16QAM	1	0	21.88	21.91	21.89
1.4	16QAM	1	3	21.72	21.77	21.90
1.4	16QAM	1	5	21.73	21.82	21.81
1.4	16QAM	3	0	20.76	20.80	20.88
1.4	16QAM	3	1	20.58	20.67	20.72
1.4	16QAM	3	3	20.65	20.72	20.64
1.4	16QAM	6	0	20.64	20.83	20.80
1.4	64QAM	1	0	20.76	20.87	20.79
1.4	64QAM	1	3	20.82	20.81	20.80
1.4	64QAM	1	5	20.71	20.70	20.73
1.4	64QAM	3	0	19.65	19.78	19.61
1.4	64QAM	3	1	19.58	19.76	19.75
1.4	64QAM	3	3	19.59	19.64	19.63
1.4	64QAM	6	0	19.57	19.60	19.46





**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	19.76	0.095	19.81	0.096	19.60	0.091
20	QPSK	1	49	19.69	0.093	19.73	0.094	19.57	0.091
20	QPSK	1	99	19.64	0.092	19.70	0.093	19.51	0.089
20	QPSK	50	0	18.61	0.073	18.65	0.073	18.53	0.071
20	QPSK	50	24	18.55	0.072	18.60	0.072	18.45	0.070
20	QPSK	50	50	18.44	0.070	18.51	0.071	18.38	0.069
20	QPSK	100	0	18.52	0.071	18.57	0.072	18.42	0.070
20	16QAM	1	0	18.73	0.075	18.76	0.075	18.62	0.073
20	16QAM	1	49	18.67	0.074	18.71	0.074	18.54	0.071
20	16QAM	1	99	18.62	0.073	18.66	0.073	18.56	0.072
20	16QAM	50	0	17.63	0.058	17.68	0.059	17.54	0.057
20	16QAM	50	24	17.57	0.057	17.64	0.058	17.49	0.056
20	16QAM	50	50	17.50	0.056	17.55	0.057	17.41	0.055
20	16QAM	100	0	17.55	0.057	17.60	0.058	17.48	0.056
20	64QAM	1	0	17.71	0.059	17.75	0.060	17.59	0.057
20	64QAM	1	49	17.66	0.058	17.72	0.059	17.53	0.057
20	64QAM	1	99	17.60	0.058	17.67	0.058	17.54	0.057
20	64QAM	50	0	16.62	0.046	16.66	0.046	16.52	0.045
20	64QAM	50	24	16.59	0.046	16.63	0.046	16.45	0.044
20	64QAM	50	50	16.48	0.044	16.54	0.045	16.39	0.044
20	64QAM	100	0	16.54	0.045	16.58	0.045	16.43	0.044



LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18675		18900		19125	
Frequency (MHz)				1857.5		1880		1902.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	19.74	0.094	19.79	0.095	19.44	0.088
15	QPSK	1	37	19.54	0.090	19.77	0.095	19.56	0.090
15	QPSK	1	74	19.49	0.089	19.60	0.091	19.57	0.091
15	QPSK	36	0	18.74	0.075	18.76	0.075	18.47	0.070
15	QPSK	36	20	18.38	0.069	18.60	0.072	18.36	0.069
15	QPSK	36	39	18.54	0.071	18.45	0.070	18.40	0.069
15	QPSK	75	0	18.41	0.069	18.40	0.069	18.56	0.072
15	16QAM	1	0	18.75	0.075	18.79	0.076	18.56	0.072
15	16QAM	1	37	18.48	0.070	18.58	0.072	18.61	0.073
15	16QAM	1	74	18.68	0.074	18.70	0.074	18.56	0.072
15	16QAM	36	0	17.67	0.058	17.59	0.057	17.48	0.056
15	16QAM	36	20	17.53	0.057	17.44	0.055	17.52	0.056
15	16QAM	36	39	17.50	0.056	17.53	0.057	17.54	0.057
15	16QAM	75	0	17.36	0.054	17.51	0.056	17.49	0.056
15	64QAM	1	0	17.83	0.061	17.56	0.057	17.74	0.059
15	64QAM	1	37	17.70	0.059	17.68	0.059	17.47	0.056
15	64QAM	1	74	17.53	0.057	17.65	0.058	17.69	0.059
15	64QAM	36	0	16.54	0.045	16.73	0.047	16.55	0.045
15	64QAM	36	20	16.51	0.045	16.65	0.046	16.29	0.043
15	64QAM	36	39	16.44	0.044	16.51	0.045	16.28	0.042
15	64QAM	75	0	16.51	0.045	16.38	0.043	16.47	0.044



LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18650		18900		19150	
Frequency (MHz)				1855		1880		1905	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	19.69	0.093	19.74	0.094	19.68	0.093
10	QPSK	1	25	19.66	0.092	19.66	0.092	19.69	0.093
10	QPSK	1	49	19.65	0.092	19.60	0.091	19.38	0.087
10	QPSK	25	0	18.52	0.071	18.55	0.072	18.52	0.071
10	QPSK	25	12	18.64	0.073	18.64	0.073	18.38	0.069
10	QPSK	25	25	18.25	0.067	18.44	0.070	18.32	0.068
10	QPSK	50	0	18.50	0.071	18.54	0.071	18.51	0.071
10	16QAM	1	0	18.78	0.076	18.73	0.075	18.52	0.071
10	16QAM	1	25	18.47	0.070	18.65	0.073	18.42	0.070
10	16QAM	1	49	18.54	0.071	18.57	0.072	18.46	0.070
10	16QAM	25	0	17.54	0.057	17.57	0.057	17.48	0.056
10	16QAM	25	12	17.59	0.057	17.55	0.057	17.48	0.056
10	16QAM	25	25	17.34	0.054	17.60	0.058	17.33	0.054
10	16QAM	50	0	17.67	0.058	17.59	0.057	17.38	0.055
10	64QAM	1	0	17.53	0.057	17.67	0.058	17.40	0.055
10	64QAM	1	25	17.48	0.056	17.72	0.059	17.43	0.055
10	64QAM	1	49	17.43	0.055	17.79	0.060	17.48	0.056
10	64QAM	25	0	16.43	0.044	16.71	0.047	16.40	0.044
10	64QAM	25	12	16.45	0.044	16.70	0.047	16.41	0.044
10	64QAM	25	25	16.38	0.043	16.63	0.046	16.44	0.044
10	64QAM	50	0	16.52	0.045	16.45	0.044	16.46	0.044



LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18625		18900		19175	
Frequency (MHz)				1852.5		1880		1907.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	19.71	0.094	19.75	0.094	19.59	0.091
5	QPSK	1	12	19.74	0.094	19.57	0.091	19.40	0.087
5	QPSK	1	24	19.61	0.091	19.69	0.093	19.40	0.087
5	QPSK	12	0	18.69	0.074	18.61	0.073	18.33	0.068
5	QPSK	12	7	18.35	0.068	18.49	0.071	18.45	0.070
5	QPSK	12	13	18.41	0.069	18.32	0.068	18.31	0.068
5	QPSK	25	0	18.66	0.073	18.62	0.073	18.42	0.070
5	16QAM	1	0	18.70	0.074	18.84	0.077	18.65	0.073
5	16QAM	1	12	18.82	0.076	18.82	0.076	18.48	0.070
5	16QAM	1	24	18.59	0.072	18.48	0.070	18.50	0.071
5	16QAM	12	0	17.75	0.060	17.79	0.060	17.52	0.056
5	16QAM	12	7	17.48	0.056	17.69	0.059	17.40	0.055
5	16QAM	12	13	17.50	0.056	17.66	0.058	17.38	0.055
5	16QAM	25	0	17.55	0.057	17.69	0.059	17.37	0.055
5	64QAM	1	0	17.59	0.057	17.69	0.059	17.51	0.056
5	64QAM	1	12	17.77	0.060	17.77	0.060	17.43	0.055
5	64QAM	1	24	17.65	0.058	17.59	0.057	17.37	0.055
5	64QAM	12	0	16.53	0.045	16.63	0.046	16.60	0.046
5	64QAM	12	7	16.58	0.045	16.73	0.047	16.58	0.045
5	64QAM	12	13	16.31	0.043	16.69	0.047	16.34	0.043
5	64QAM	25	0	16.51	0.045	16.42	0.044	16.44	0.044



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	19.68	0.093	19.78	0.095	19.65	0.092
3	QPSK	1	8	19.62	0.092	19.68	0.093	19.64	0.092
3	QPSK	1	14	19.59	0.091	19.69	0.093	19.61	0.091
3	QPSK	8	0	18.68	0.074	18.74	0.075	18.55	0.072
3	QPSK	8	4	18.47	0.070	18.51	0.071	18.32	0.068
3	QPSK	8	7	18.27	0.067	18.46	0.070	18.35	0.068
3	QPSK	15	0	18.51	0.071	18.48	0.070	18.53	0.071
3	16QAM	1	0	18.76	0.075	18.83	0.076	18.67	0.074
3	16QAM	1	8	18.69	0.074	18.57	0.072	18.62	0.073
3	16QAM	1	14	18.65	0.073	18.73	0.075	18.64	0.073
3	16QAM	8	0	17.48	0.056	17.70	0.059	17.40	0.055
3	16QAM	8	4	17.65	0.058	17.55	0.057	17.30	0.054
3	16QAM	8	7	17.61	0.058	17.54	0.057	17.33	0.054
3	16QAM	15	0	17.39	0.055	17.72	0.059	17.59	0.057
3	64QAM	1	0	17.80	0.060	17.61	0.058	17.62	0.058
3	64QAM	1	8	17.57	0.057	17.64	0.058	17.51	0.056
3	64QAM	1	14	17.66	0.058	17.74	0.059	17.58	0.057
3	64QAM	8	0	16.54	0.045	16.67	0.046	16.44	0.044
3	64QAM	8	4	16.52	0.045	16.53	0.045	16.48	0.044
3	64QAM	8	7	16.43	0.044	16.57	0.045	16.34	0.043
3	64QAM	15	0	16.49	0.045	16.40	0.044	16.29	0.043



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	19.68	0.093	19.77	0.095	19.46	0.088
1.4	QPSK	1	3	19.55	0.090	19.64	0.092	19.65	0.092
1.4	QPSK	1	5	19.62	0.092	19.54	0.090	19.42	0.087
1.4	QPSK	3	0	18.53	0.071	18.65	0.073	18.56	0.072
1.4	QPSK	3	1	18.66	0.073	18.49	0.071	18.28	0.067
1.4	QPSK	3	3	18.45	0.070	18.34	0.068	18.30	0.068
1.4	QPSK	6	0	18.47	0.070	18.43	0.070	18.37	0.069
1.4	16QAM	1	0	18.77	0.075	18.80	0.076	18.50	0.071
1.4	16QAM	1	3	18.64	0.073	18.64	0.073	18.62	0.073
1.4	16QAM	1	5	18.54	0.071	18.73	0.075	18.42	0.070
1.4	16QAM	3	0	17.71	0.059	17.61	0.058	17.46	0.056
1.4	16QAM	3	1	17.67	0.058	17.56	0.057	17.29	0.054
1.4	16QAM	3	3	17.31	0.054	17.44	0.055	17.28	0.053
1.4	16QAM	6	0	17.62	0.058	17.60	0.058	17.62	0.058
1.4	64QAM	1	0	17.77	0.060	17.82	0.061	17.67	0.058
1.4	64QAM	1	3	17.73	0.059	17.53	0.057	17.46	0.056
1.4	64QAM	1	5	17.65	0.058	17.73	0.059	17.51	0.056
1.4	64QAM	3	0	16.66	0.046	16.62	0.046	16.46	0.044
1.4	64QAM	3	1	16.72	0.047	16.77	0.048	16.37	0.043
1.4	64QAM	3	3	16.45	0.044	16.67	0.046	16.35	0.043
1.4	64QAM	6	0	16.47	0.044	16.50	0.045	16.55	0.045



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	19.86	0.097	19.95	0.099	19.92	0.098
20	QPSK	1	49	19.68	0.093	19.84	0.096	19.62	0.092
20	QPSK	1	99	19.73	0.094	19.78	0.095	19.65	0.092
20	QPSK	50	0	18.64	0.073	18.72	0.074	18.62	0.073
20	QPSK	50	24	18.56	0.072	18.69	0.074	18.47	0.070
20	QPSK	50	50	18.42	0.070	18.56	0.072	18.49	0.071
20	QPSK	100	0	18.53	0.071	18.68	0.074	18.61	0.073
20	16QAM	1	0	18.91	0.078	18.93	0.078	18.81	0.076
20	16QAM	1	49	18.55	0.072	18.81	0.076	18.52	0.071
20	16QAM	1	99	18.51	0.071	18.61	0.073	18.78	0.076
20	16QAM	50	0	17.81	0.060	17.80	0.060	17.41	0.055
20	16QAM	50	24	17.59	0.057	17.63	0.058	17.47	0.056
20	16QAM	50	50	17.61	0.058	17.73	0.059	17.47	0.056
20	16QAM	100	0	17.62	0.058	17.77	0.060	17.50	0.056
20	64QAM	1	0	17.66	0.058	17.84	0.061	17.76	0.060
20	64QAM	1	49	17.59	0.057	17.79	0.060	17.58	0.057
20	64QAM	1	99	17.75	0.060	17.75	0.060	17.75	0.060
20	64QAM	50	0	16.59	0.046	16.85	0.048	16.60	0.046
20	64QAM	50	24	16.46	0.044	16.80	0.048	16.56	0.045
20	64QAM	50	50	16.47	0.044	16.67	0.046	16.60	0.046
20	64QAM	100	0	16.57	0.045	16.72	0.047	16.43	0.044



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	19.79	0.095	19.90	0.098	19.83	0.096
15	QPSK	1	37	19.82	0.096	19.72	0.094	19.64	0.092
15	QPSK	1	74	19.59	0.091	19.83	0.096	19.56	0.090
15	QPSK	36	0	18.60	0.072	18.78	0.076	18.57	0.072
15	QPSK	36	20	18.54	0.071	18.75	0.075	18.51	0.071
15	QPSK	36	39	18.64	0.073	18.42	0.070	18.46	0.070
15	QPSK	75	0	18.71	0.074	18.57	0.072	18.46	0.070
15	16QAM	1	0	18.61	0.073	18.82	0.076	18.77	0.075
15	16QAM	1	37	18.81	0.076	18.85	0.077	18.74	0.075
15	16QAM	1	74	18.63	0.073	18.58	0.072	18.62	0.073
15	16QAM	36	0	17.73	0.059	17.78	0.060	17.62	0.058
15	16QAM	36	20	17.74	0.059	17.64	0.058	17.65	0.058
15	16QAM	36	39	17.42	0.055	17.49	0.056	17.35	0.054
15	16QAM	75	0	17.54	0.057	17.59	0.057	17.56	0.057
15	64QAM	1	0	17.79	0.060	17.80	0.060	17.49	0.056
15	64QAM	1	37	17.54	0.057	17.78	0.060	17.48	0.056
15	64QAM	1	74	17.61	0.058	17.72	0.059	17.43	0.055
15	64QAM	36	0	16.67	0.046	16.82	0.048	16.74	0.047
15	64QAM	36	20	16.47	0.044	16.75	0.047	16.42	0.044
15	64QAM	36	39	16.68	0.047	16.71	0.047	16.46	0.044
15	64QAM	75	0	16.75	0.047	16.64	0.046	16.51	0.045





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	19.68	0.093	19.91	0.098	19.85	0.097
10	QPSK	1	25	19.71	0.094	19.86	0.097	19.72	0.094
10	QPSK	1	49	19.55	0.090	19.67	0.093	19.56	0.090
10	QPSK	25	0	18.79	0.076	18.72	0.074	18.58	0.072
10	QPSK	25	12	18.50	0.071	18.69	0.074	18.52	0.071
10	QPSK	25	25	18.60	0.072	18.45	0.070	18.48	0.070
10	QPSK	50	0	18.70	0.074	18.61	0.073	18.51	0.071
10	16QAM	1	0	18.64	0.073	18.69	0.074	18.77	0.075
10	16QAM	1	25	18.76	0.075	18.78	0.076	18.76	0.075
10	16QAM	1	49	18.59	0.072	18.82	0.076	18.49	0.071
10	16QAM	25	0	17.58	0.057	17.88	0.061	17.72	0.059
10	16QAM	25	12	17.60	0.058	17.78	0.060	17.61	0.058
10	16QAM	25	25	17.45	0.056	17.52	0.056	17.57	0.057
10	16QAM	50	0	17.58	0.057	17.58	0.057	17.67	0.058
10	64QAM	1	0	17.80	0.060	17.89	0.062	17.69	0.059
10	64QAM	1	25	17.70	0.059	17.69	0.059	17.65	0.058
10	64QAM	1	49	17.76	0.060	17.63	0.058	17.61	0.058
10	64QAM	25	0	16.79	0.048	16.76	0.047	16.44	0.044
10	64QAM	25	12	16.66	0.046	16.69	0.047	16.57	0.045
10	64QAM	25	25	16.46	0.044	16.74	0.047	16.36	0.043
10	64QAM	50	0	16.55	0.045	16.68	0.047	16.33	0.043



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				19975		20175		20375	
Frequency (MHz)				1712.5		1732.5		1752.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	19.73	0.094	19.89	0.097	19.82	0.096
5	QPSK	1	12	19.56	0.090	19.80	0.095	19.71	0.094
5	QPSK	1	24	19.81	0.096	19.83	0.096	19.67	0.093
5	QPSK	12	0	18.60	0.072	18.76	0.075	18.72	0.074
5	QPSK	12	7	18.53	0.071	18.63	0.073	18.48	0.070
5	QPSK	12	13	18.42	0.070	18.73	0.075	18.46	0.070
5	QPSK	25	0	18.73	0.075	18.79	0.076	18.63	0.073
5	16QAM	1	0	18.66	0.073	18.87	0.077	18.50	0.071
5	16QAM	1	12	18.68	0.074	18.85	0.077	18.57	0.072
5	16QAM	1	24	18.74	0.075	18.56	0.072	18.59	0.072
5	16QAM	12	0	17.59	0.057	17.65	0.058	17.54	0.057
5	16QAM	12	7	17.61	0.058	17.70	0.059	17.37	0.055
5	16QAM	12	13	17.42	0.055	17.43	0.055	17.43	0.055
5	16QAM	25	0	17.64	0.058	17.56	0.057	17.35	0.054
5	64QAM	1	0	17.73	0.059	17.80	0.060	17.71	0.059
5	64QAM	1	12	17.84	0.061	17.82	0.061	17.52	0.056
5	64QAM	1	24	17.50	0.056	17.64	0.058	17.75	0.060
5	64QAM	12	0	16.74	0.047	16.73	0.047	16.61	0.046
5	64QAM	12	7	16.54	0.045	16.73	0.047	16.51	0.045
5	64QAM	12	13	16.60	0.046	16.55	0.045	16.61	0.046
5	64QAM	25	0	16.56	0.045	16.71	0.047	16.63	0.046



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				19965		20175		20385	
Frequency (MHz)				1711.5		1732.5		1753.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	19.69	0.093	19.87	0.097	19.76	0.095
3	QPSK	1	8	19.73	0.094	19.77	0.095	19.74	0.094
3	QPSK	1	14	19.71	0.094	19.80	0.095	19.59	0.091
3	QPSK	8	0	18.71	0.074	18.73	0.075	18.67	0.074
3	QPSK	8	4	18.73	0.075	18.56	0.072	18.57	0.072
3	QPSK	8	7	18.53	0.071	18.57	0.072	18.51	0.071
3	QPSK	15	0	18.58	0.072	18.48	0.070	18.38	0.069
3	16QAM	1	0	18.87	0.077	18.78	0.076	18.74	0.075
3	16QAM	1	8	18.69	0.074	18.85	0.077	18.64	0.073
3	16QAM	1	14	18.73	0.075	18.82	0.076	18.71	0.074
3	16QAM	8	0	17.65	0.058	17.82	0.061	17.50	0.056
3	16QAM	8	4	17.74	0.059	17.58	0.057	17.59	0.057
3	16QAM	8	7	17.66	0.058	17.62	0.058	17.54	0.057
3	16QAM	15	0	17.43	0.055	17.48	0.056	17.44	0.055
3	64QAM	1	0	17.66	0.058	17.77	0.060	17.70	0.059
3	64QAM	1	8	17.77	0.060	17.79	0.060	17.72	0.059
3	64QAM	1	14	17.51	0.056	17.69	0.059	17.53	0.057
3	64QAM	8	0	16.72	0.047	16.80	0.048	16.74	0.047
3	64QAM	8	4	16.51	0.045	16.73	0.047	16.46	0.044
3	64QAM	8	7	16.66	0.046	16.76	0.047	16.55	0.045
3	64QAM	15	0	16.56	0.045	16.64	0.046	16.44	0.044



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	19.78	0.095	19.88	0.097	19.80	0.095
1.4	QPSK	1	3	19.75	0.094	19.84	0.096	19.68	0.093
1.4	QPSK	1	5	19.75	0.094	19.71	0.094	19.53	0.090
1.4	QPSK	3	0	18.77	0.075	18.68	0.074	18.54	0.071
1.4	QPSK	3	1	18.53	0.071	18.55	0.072	18.66	0.073
1.4	QPSK	3	3	18.53	0.071	18.68	0.074	18.50	0.071
1.4	QPSK	6	0	18.60	0.072	18.59	0.072	18.35	0.068
1.4	16QAM	1	0	18.86	0.077	18.76	0.075	18.54	0.071
1.4	16QAM	1	3	18.54	0.071	18.84	0.077	18.74	0.075
1.4	16QAM	1	5	18.65	0.073	18.63	0.073	18.48	0.070
1.4	16QAM	3	0	17.75	0.060	17.85	0.061	17.72	0.059
1.4	16QAM	3	1	17.71	0.059	17.54	0.057	17.59	0.057
1.4	16QAM	3	3	17.71	0.059	17.77	0.060	17.61	0.058
1.4	16QAM	6	0	17.70	0.059	17.48	0.056	17.50	0.056
1.4	64QAM	1	0	17.71	0.059	17.84	0.061	17.73	0.059
1.4	64QAM	1	3	17.73	0.059	17.71	0.059	17.74	0.059
1.4	64QAM	1	5	17.73	0.059	17.82	0.061	17.56	0.057
1.4	64QAM	3	0	16.81	0.048	16.72	0.047	16.66	0.046
1.4	64QAM	3	1	16.46	0.044	16.66	0.046	16.52	0.045
1.4	64QAM	3	3	16.44	0.044	16.58	0.045	16.60	0.046
1.4	64QAM	6	0	16.53	0.045	16.48	0.044	16.45	0.044



LTE Band 5				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20450		20525		20600	
Frequency (MHz)				829		836.5		844	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	16.41	0.044	16.49	0.045	16.46	0.044
10	QPSK	1	25	16.19	0.042	16.38	0.043	16.23	0.042
10	QPSK	1	49	16.22	0.042	16.23	0.042	16.34	0.043
10	QPSK	25	0	15.19	0.033	15.35	0.034	15.24	0.033
10	QPSK	25	12	15.11	0.032	15.34	0.034	15.14	0.033
10	QPSK	25	25	15.18	0.033	15.11	0.032	15.03	0.032
10	QPSK	50	0	15.02	0.032	15.12	0.033	15.15	0.033
10	16QAM	1	0	15.33	0.034	15.42	0.035	15.40	0.035
10	16QAM	1	25	15.09	0.032	15.34	0.034	15.35	0.034
10	16QAM	1	49	15.12	0.033	15.33	0.034	15.37	0.034
10	16QAM	25	0	14.30	0.027	14.33	0.027	14.29	0.027
10	16QAM	25	12	14.11	0.026	14.24	0.027	14.25	0.027
10	16QAM	25	25	14.13	0.026	14.18	0.026	14.07	0.026
10	16QAM	50	0	14.15	0.026	14.31	0.027	14.09	0.026
10	64QAM	1	0	14.31	0.027	14.45	0.028	14.17	0.026
10	64QAM	1	25	14.20	0.026	14.40	0.028	14.31	0.027
10	64QAM	1	49	14.22	0.026	14.38	0.027	14.42	0.028
10	64QAM	25	0	13.08	0.020	13.22	0.021	13.12	0.021
10	64QAM	25	12	13.02	0.020	13.08	0.020	13.31	0.021
10	64QAM	25	25	13.06	0.020	13.12	0.021	13.22	0.021
10	64QAM	50	0	13.05	0.020	13.24	0.021	13.15	0.021



LTE Band 5				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20425		20525		20625	
Frequency (MHz)				826.5		836.5		846.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	16.29	0.043	16.45	0.044	16.36	0.043
5	QPSK	1	12	16.24	0.042	16.36	0.043	16.19	0.042
5	QPSK	1	24	16.26	0.042	16.29	0.043	16.17	0.041
5	QPSK	12	0	15.20	0.033	15.41	0.035	15.32	0.034
5	QPSK	12	7	15.07	0.032	15.26	0.034	15.09	0.032
5	QPSK	12	13	15.02	0.032	15.09	0.032	15.06	0.032
5	QPSK	25	0	15.11	0.032	15.33	0.034	15.04	0.032
5	16QAM	1	0	15.17	0.033	15.41	0.035	15.32	0.034
5	16QAM	1	12	15.30	0.034	15.18	0.033	15.23	0.033
5	16QAM	1	24	15.19	0.033	15.40	0.035	15.20	0.033
5	16QAM	12	0	14.15	0.026	14.35	0.027	14.13	0.026
5	16QAM	12	7	14.08	0.026	14.28	0.027	14.12	0.026
5	16QAM	12	13	14.04	0.025	14.24	0.027	14.20	0.026
5	16QAM	25	0	14.08	0.026	14.24	0.027	14.13	0.026
5	64QAM	1	0	14.20	0.026	14.44	0.028	14.34	0.027
5	64QAM	1	12	14.04	0.025	14.21	0.026	14.30	0.027
5	64QAM	1	24	14.15	0.026	14.30	0.027	14.07	0.026
5	64QAM	12	0	13.05	0.020	13.43	0.022	13.14	0.021
5	64QAM	12	7	13.17	0.021	13.21	0.021	13.22	0.021
5	64QAM	12	13	13.19	0.021	13.15	0.021	13.10	0.020
5	64QAM	25	0	13.10	0.020	13.01	0.020	13.17	0.021



LTE Band 5				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20415		20525		20635	
Frequency (MHz)				825.5		836.5		847.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	16.30	0.043	16.46	0.044	16.33	0.043
3	QPSK	1	8	16.24	0.042	16.30	0.043	16.31	0.043
3	QPSK	1	14	16.11	0.041	16.20	0.042	16.28	0.042
3	QPSK	8	0	15.19	0.033	15.41	0.035	15.27	0.034
3	QPSK	8	4	15.14	0.033	15.27	0.034	15.07	0.032
3	QPSK	8	7	15.17	0.033	15.21	0.033	15.13	0.033
3	QPSK	15	0	14.98	0.031	15.34	0.034	15.03	0.032
3	16QAM	1	0	15.22	0.033	15.43	0.035	15.32	0.034
3	16QAM	1	8	15.08	0.032	15.29	0.034	15.19	0.033
3	16QAM	1	14	15.22	0.033	15.34	0.034	15.14	0.033
3	16QAM	8	0	14.05	0.025	14.41	0.028	14.14	0.026
3	16QAM	8	4	14.18	0.026	14.42	0.028	14.05	0.025
3	16QAM	8	7	14.04	0.025	14.25	0.027	14.24	0.027
3	16QAM	15	0	14.08	0.026	14.06	0.025	14.23	0.026
3	64QAM	1	0	14.13	0.026	14.19	0.026	14.36	0.027
3	64QAM	1	8	14.03	0.025	14.18	0.026	14.08	0.026
3	64QAM	1	14	14.13	0.026	14.37	0.027	14.25	0.027
3	64QAM	8	0	13.18	0.021	13.35	0.022	13.09	0.020
3	64QAM	8	4	13.12	0.021	13.39	0.022	13.26	0.021
3	64QAM	8	7	13.03	0.020	13.04	0.020	13.00	0.020
3	64QAM	15	0	13.10	0.020	13.03	0.020	13.20	0.021



LTE Band 5				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20407		20525		20643	
Frequency (MHz)				824.7		836.5		848.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	16.24	0.042	16.44	0.044	16.36	0.043
1.4	QPSK	1	3	16.32	0.043	16.28	0.042	16.35	0.043
1.4	QPSK	1	5	16.24	0.042	16.26	0.042	16.16	0.041
1.4	QPSK	3	0	15.28	0.034	15.38	0.035	15.21	0.033
1.4	QPSK	3	1	15.22	0.033	15.36	0.034	15.21	0.033
1.4	QPSK	3	3	15.03	0.032	15.06	0.032	15.12	0.033
1.4	QPSK	6	0	15.17	0.033	15.24	0.033	15.03	0.032
1.4	16QAM	1	0	15.06	0.032	15.28	0.034	15.26	0.034
1.4	16QAM	1	3	15.08	0.032	15.26	0.034	15.20	0.033
1.4	16QAM	1	5	15.23	0.033	15.19	0.033	15.36	0.034
1.4	16QAM	3	0	14.12	0.026	14.27	0.027	14.11	0.026
1.4	16QAM	3	1	14.15	0.026	14.23	0.026	14.11	0.026
1.4	16QAM	3	3	14.06	0.025	14.23	0.026	14.25	0.027
1.4	16QAM	6	0	14.12	0.026	14.25	0.027	14.20	0.026
1.4	64QAM	1	0	14.33	0.027	14.21	0.026	14.14	0.026
1.4	64QAM	1	3	14.24	0.027	14.31	0.027	14.27	0.027
1.4	64QAM	1	5	14.26	0.027	14.22	0.026	14.38	0.027
1.4	64QAM	3	0	13.14	0.021	13.34	0.022	13.21	0.021
1.4	64QAM	3	1	13.09	0.020	13.32	0.021	13.01	0.020
1.4	64QAM	3	3	13.06	0.020	13.30	0.021	13.19	0.021
1.4	64QAM	6	0	13.02	0.020	13.24	0.021	13.11	0.020





LTE Band 7				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20850		21100		21350	
Frequency (MHz)				2510		2535		2560	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	23.84	0.242	23.93	0.247	23.85	0.243
20	QPSK	1	49	23.84	0.242	23.77	0.238	23.70	0.234
20	QPSK	1	99	23.70	0.234	23.75	0.237	23.66	0.232
20	QPSK	50	0	22.77	0.189	22.82	0.191	22.67	0.185
20	QPSK	50	24	22.73	0.187	22.69	0.186	22.60	0.182
20	QPSK	50	50	22.53	0.179	22.67	0.185	22.70	0.186
20	QPSK	100	0	22.56	0.180	22.71	0.187	22.65	0.184
20	16QAM	1	0	22.70	0.186	22.90	0.195	22.74	0.188
20	16QAM	1	49	22.83	0.192	22.75	0.188	22.78	0.190
20	16QAM	1	99	22.59	0.182	22.83	0.192	22.62	0.183
20	16QAM	50	0	21.75	0.150	21.83	0.152	21.80	0.151
20	16QAM	50	24	21.64	0.146	21.81	0.152	21.74	0.149
20	16QAM	50	50	21.67	0.147	21.81	0.152	21.68	0.147
20	16QAM	100	0	21.55	0.143	21.77	0.150	21.78	0.151
20	64QAM	1	0	21.75	0.150	21.87	0.154	21.79	0.151
20	64QAM	1	49	21.61	0.145	21.71	0.148	21.62	0.145
20	64QAM	1	99	21.65	0.146	21.69	0.148	21.78	0.151
20	64QAM	50	0	20.77	0.119	20.82	0.121	20.69	0.117
20	64QAM	50	24	20.61	0.115	20.57	0.114	20.67	0.117
20	64QAM	50	50	20.47	0.111	20.77	0.119	20.60	0.115
20	64QAM	100	0	20.49	0.112	20.77	0.119	20.61	0.115



LTE Band 7				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20825		21100		21375	
Frequency (MHz)				2507.5		2535		2562.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	23.85	0.243	23.88	0.244	23.85	0.243
15	QPSK	1	37	23.67	0.233	23.68	0.233	23.77	0.238
15	QPSK	1	74	23.62	0.230	23.74	0.237	23.70	0.234
15	QPSK	36	0	22.67	0.185	22.77	0.189	22.73	0.187
15	QPSK	36	20	22.55	0.180	22.58	0.181	22.53	0.179
15	QPSK	36	39	22.68	0.185	22.74	0.188	22.62	0.183
15	QPSK	75	0	22.50	0.178	22.52	0.179	22.63	0.183
15	16QAM	1	0	22.83	0.192	22.85	0.193	22.76	0.189
15	16QAM	1	37	22.68	0.185	22.78	0.190	22.63	0.183
15	16QAM	1	74	22.73	0.187	22.75	0.188	22.72	0.187
15	16QAM	36	0	21.77	0.150	21.79	0.151	21.79	0.151
15	16QAM	36	20	21.66	0.147	21.73	0.149	21.75	0.150
15	16QAM	36	39	21.57	0.144	21.63	0.146	21.71	0.148
15	16QAM	75	0	21.60	0.145	21.78	0.151	21.74	0.149
15	64QAM	1	0	21.59	0.144	21.84	0.153	21.79	0.151
15	64QAM	1	37	21.75	0.150	21.76	0.150	21.71	0.148
15	64QAM	1	74	21.67	0.147	21.61	0.145	21.73	0.149
15	64QAM	36	0	20.75	0.119	20.76	0.119	20.67	0.117
15	64QAM	36	20	20.73	0.118	20.59	0.115	20.65	0.116
15	64QAM	36	39	20.54	0.113	20.59	0.115	20.62	0.115
15	64QAM	75	0	20.65	0.116	20.72	0.118	20.62	0.115



LTE Band 7				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20800		21100		21400	
Frequency (MHz)				2505		2535		2565	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	23.84	0.242	23.87	0.244	23.73	0.236
10	QPSK	1	25	23.75	0.237	23.73	0.236	23.64	0.231
10	QPSK	1	49	23.80	0.240	23.72	0.236	23.66	0.232
10	QPSK	25	0	22.68	0.185	22.80	0.191	22.58	0.181
10	QPSK	25	12	22.63	0.183	22.79	0.190	22.72	0.187
10	QPSK	25	25	22.46	0.176	22.66	0.185	22.60	0.182
10	QPSK	50	0	22.57	0.181	22.65	0.184	22.73	0.187
10	16QAM	1	0	22.73	0.187	22.86	0.193	22.70	0.186
10	16QAM	1	25	22.75	0.188	22.85	0.193	22.68	0.185
10	16QAM	1	49	22.63	0.183	22.81	0.191	22.76	0.189
10	16QAM	25	0	21.65	0.146	21.78	0.151	21.77	0.150
10	16QAM	25	12	21.75	0.150	21.76	0.150	21.63	0.146
10	16QAM	25	25	21.67	0.147	21.52	0.142	21.68	0.147
10	16QAM	50	0	21.55	0.143	21.66	0.147	21.69	0.148
10	64QAM	1	0	21.59	0.144	21.87	0.154	21.71	0.148
10	64QAM	1	25	21.59	0.144	21.69	0.148	21.79	0.151
10	64QAM	1	49	21.58	0.144	21.65	0.146	21.77	0.150
10	64QAM	25	0	20.55	0.114	20.76	0.119	20.63	0.116
10	64QAM	25	12	20.48	0.112	20.71	0.118	20.74	0.119
10	64QAM	25	25	20.44	0.111	20.72	0.118	20.58	0.114
10	64QAM	50	0	20.45	0.111	20.60	0.115	20.58	0.114



LTE Band 7				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20775		21100		21425	
Frequency (MHz)				2502.5		2535		2567.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	23.72	0.236	23.86	0.243	23.83	0.242
5	QPSK	1	12	23.59	0.229	23.75	0.237	23.73	0.236
5	QPSK	1	24	23.54	0.226	23.76	0.238	23.62	0.230
5	QPSK	12	0	22.67	0.185	22.79	0.190	22.71	0.187
5	QPSK	12	7	22.52	0.179	22.72	0.187	22.50	0.178
5	QPSK	12	13	22.56	0.180	22.64	0.184	22.53	0.179
5	QPSK	25	0	22.53	0.179	22.77	0.189	22.69	0.186
5	16QAM	1	0	22.81	0.191	22.85	0.193	22.80	0.191
5	16QAM	1	12	22.59	0.182	22.79	0.190	22.83	0.192
5	16QAM	1	24	22.72	0.187	22.78	0.190	22.69	0.186
5	16QAM	12	0	21.64	0.146	21.80	0.151	21.72	0.149
5	16QAM	12	7	21.49	0.141	21.61	0.145	21.67	0.147
5	16QAM	12	13	21.53	0.142	21.60	0.145	21.59	0.144
5	16QAM	25	0	21.65	0.146	21.64	0.146	21.74	0.149
5	64QAM	1	0	21.67	0.147	21.82	0.152	21.66	0.147
5	64QAM	1	12	21.57	0.144	21.77	0.150	21.62	0.145
5	64QAM	1	24	21.55	0.143	21.72	0.149	21.76	0.150
5	64QAM	12	0	20.76	0.119	20.78	0.120	20.71	0.118
5	64QAM	12	7	20.77	0.119	20.67	0.117	20.49	0.112
5	64QAM	12	13	20.54	0.113	20.61	0.115	20.46	0.111
5	64QAM	25	0	20.61	0.115	20.58	0.114	20.48	0.112



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	14.18	0.026	14.32	0.027	14.28	0.027
10	QPSK	1	25	14.02	0.025	14.25	0.027	14.26	0.027
10	QPSK	1	49	14.01	0.025	14.04	0.025	14.01	0.025
10	QPSK	25	0	13.04	0.020	13.14	0.021	13.11	0.020
10	QPSK	25	12	12.95	0.020	13.06	0.020	13.09	0.020
10	QPSK	25	25	12.90	0.019	12.93	0.020	12.92	0.020
10	QPSK	50	0	12.93	0.020	13.01	0.020	13.05	0.020
10	16QAM	1	0	13.12	0.021	13.31	0.021	13.29	0.021
10	16QAM	1	25	13.08	0.020	13.13	0.021	13.09	0.020
10	16QAM	1	49	13.05	0.020	13.21	0.021	13.12	0.021
10	16QAM	25	0	12.00	0.016	12.16	0.016	12.09	0.016
10	16QAM	25	12	11.89	0.015	12.09	0.016	11.93	0.016
10	16QAM	25	25	11.94	0.016	12.13	0.016	12.12	0.016
10	16QAM	50	0	11.95	0.016	12.09	0.016	12.01	0.016
10	64QAM	1	0	12.13	0.016	12.28	0.017	12.18	0.017
10	64QAM	1	25	12.17	0.016	12.26	0.017	12.16	0.016
10	64QAM	1	49	12.00	0.016	12.28	0.017	12.01	0.016
10	64QAM	25	0	11.05	0.013	11.15	0.013	10.98	0.013
10	64QAM	25	12	11.04	0.013	10.99	0.013	11.02	0.013
10	64QAM	25	25	10.86	0.012	11.12	0.013	11.08	0.013
10	64QAM	50	0	10.92	0.012	11.10	0.013	11.04	0.013



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	13.96	0.025	14.29	0.027	14.25	0.027
5	QPSK	1	12	14.15	0.026	14.10	0.026	14.14	0.026
5	QPSK	1	24	14.04	0.025	14.22	0.026	14.22	0.026
5	QPSK	12	0	13.09	0.020	13.14	0.021	13.10	0.020
5	QPSK	12	7	13.01	0.020	12.89	0.019	12.96	0.020
5	QPSK	12	13	12.83	0.019	13.13	0.021	12.97	0.020
5	QPSK	25	0	12.90	0.019	12.96	0.020	12.91	0.020
5	16QAM	1	0	13.17	0.021	13.22	0.021	13.18	0.021
5	16QAM	1	12	13.01	0.020	13.21	0.021	13.09	0.020
5	16QAM	1	24	13.12	0.021	13.13	0.021	13.15	0.021
5	16QAM	12	0	12.02	0.016	12.15	0.016	12.12	0.016
5	16QAM	12	7	12.07	0.016	12.12	0.016	11.98	0.016
5	16QAM	12	13	12.02	0.016	12.00	0.016	11.94	0.016
5	16QAM	25	0	11.88	0.015	12.08	0.016	12.07	0.016
5	64QAM	1	0	12.00	0.016	12.25	0.017	12.16	0.016
5	64QAM	1	12	12.07	0.016	12.22	0.017	12.21	0.017
5	64QAM	1	24	11.94	0.016	12.23	0.017	11.98	0.016
5	64QAM	12	0	10.94	0.012	11.07	0.013	11.05	0.013
5	64QAM	12	7	10.79	0.012	10.95	0.012	11.02	0.013
5	64QAM	12	13	10.97	0.013	11.06	0.013	10.87	0.012
5	64QAM	25	0	10.97	0.013	11.13	0.013	11.00	0.013



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	14.15	0.026	14.27	0.027	14.26	0.027
3	QPSK	1	8	14.16	0.026	14.24	0.027	14.17	0.026
3	QPSK	1	14	14.04	0.025	14.19	0.026	14.11	0.026
3	QPSK	8	0	12.95	0.020	13.18	0.021	12.97	0.020
3	QPSK	8	4	12.85	0.019	13.07	0.020	13.15	0.021
3	QPSK	8	7	12.91	0.020	12.95	0.020	12.88	0.019
3	QPSK	15	0	13.00	0.020	12.91	0.020	13.03	0.020
3	16QAM	1	0	13.03	0.020	13.24	0.021	13.16	0.021
3	16QAM	1	8	13.14	0.021	13.22	0.021	13.10	0.020
3	16QAM	1	14	13.00	0.020	13.21	0.021	13.04	0.020
3	16QAM	8	0	12.06	0.016	12.16	0.016	12.20	0.017
3	16QAM	8	4	12.05	0.016	12.15	0.016	12.16	0.016
3	16QAM	8	7	12.01	0.016	12.15	0.016	12.00	0.016
3	16QAM	15	0	11.96	0.016	12.08	0.016	12.17	0.016
3	64QAM	1	0	12.15	0.016	12.21	0.017	12.18	0.017
3	64QAM	1	8	12.08	0.016	12.27	0.017	12.09	0.016
3	64QAM	1	14	11.97	0.016	12.29	0.017	12.00	0.016
3	64QAM	8	0	10.94	0.012	11.11	0.013	11.09	0.013
3	64QAM	8	4	10.77	0.012	11.09	0.013	10.90	0.012
3	64QAM	8	7	11.00	0.013	11.07	0.013	10.96	0.012
3	64QAM	15	0	10.85	0.012	11.06	0.013	10.95	0.012



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	14.09	0.026	14.28	0.027	14.04	0.025
1.4	QPSK	1	3	14.10	0.026	14.04	0.025	14.05	0.025
1.4	QPSK	1	5	13.96	0.025	14.12	0.026	14.14	0.026
1.4	QPSK	3	0	12.90	0.019	13.25	0.021	13.25	0.021
1.4	QPSK	3	1	12.93	0.020	13.10	0.020	13.06	0.020
1.4	QPSK	3	3	12.96	0.020	12.87	0.019	13.03	0.020
1.4	QPSK	6	0	12.89	0.019	12.94	0.020	13.03	0.020
1.4	16QAM	1	0	13.05	0.020	13.14	0.021	13.06	0.020
1.4	16QAM	1	3	13.08	0.020	13.18	0.021	13.18	0.021
1.4	16QAM	1	5	13.09	0.020	13.25	0.021	13.07	0.020
1.4	16QAM	3	0	12.02	0.016	12.15	0.016	12.07	0.016
1.4	16QAM	3	1	11.96	0.016	12.08	0.016	12.00	0.016
1.4	16QAM	3	3	11.93	0.016	12.02	0.016	11.88	0.015
1.4	16QAM	6	0	11.96	0.016	12.22	0.017	12.20	0.017
1.4	64QAM	1	0	12.16	0.016	12.20	0.017	12.17	0.016
1.4	64QAM	1	3	12.11	0.016	12.10	0.016	12.14	0.016
1.4	64QAM	1	5	11.93	0.016	12.08	0.016	12.06	0.016
1.4	64QAM	3	0	11.08	0.013	11.10	0.013	10.94	0.012
1.4	64QAM	3	1	11.01	0.013	11.05	0.013	11.04	0.013
1.4	64QAM	3	3	10.90	0.012	10.98	0.013	10.91	0.012
1.4	64QAM	6	0	10.82	0.012	10.86	0.012	10.87	0.012





LTE Band 13				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				/		23230		/	
Frequency (MHz)				/		782		/	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	/	/	16.24	0.042	/	/
10	QPSK	1	25	/	/	16.12	0.041	/	/
10	QPSK	1	49	/	/	16.07	0.040	/	/
10	QPSK	25	0	/	/	15.11	0.032	/	/
10	QPSK	25	12	/	/	15.04	0.032	/	/
10	QPSK	25	25	/	/	14.99	0.032	/	/
10	QPSK	50	0	/	/	15.06	0.032	/	/
10	16QAM	1	0	/	/	15.12	0.033	/	/
10	16QAM	1	25	/	/	15.05	0.032	/	/
10	16QAM	1	49	/	/	15.01	0.032	/	/
10	16QAM	25	0	/	/	14.05	0.025	/	/
10	16QAM	25	12	/	/	14.00	0.025	/	/
10	16QAM	25	25	/	/	13.93	0.025	/	/
10	16QAM	50	0	/	/	13.98	0.025	/	/
10	64QAM	1	0	/	/	14.18	0.026	/	/
10	64QAM	1	25	/	/	14.13	0.026	/	/
10	64QAM	1	49	/	/	14.09	0.026	/	/
10	64QAM	25	0	/	/	13.06	0.020	/	/
10	64QAM	25	12	/	/	12.98	0.020	/	/
10	64QAM	25	25	/	/	12.95	0.020	/	/
10	64QAM	50	0	/	/	13.01	0.020	/	/



LTE Band 13				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23205		23230		23255	
Frequency (MHz)				779.5		782		784.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	16.07	0.040	16.20	0.042	16.14	0.041
5	QPSK	1	12	16.12	0.041	16.13	0.041	16.10	0.041
5	QPSK	1	24	15.95	0.039	16.07	0.040	16.06	0.040
5	QPSK	12	0	14.91	0.031	15.06	0.032	14.92	0.031
5	QPSK	12	7	14.85	0.031	15.02	0.032	14.82	0.030
5	QPSK	12	13	14.95	0.031	14.90	0.031	14.95	0.031
5	QPSK	25	0	14.98	0.031	15.16	0.033	14.93	0.031
5	16QAM	1	0	15.09	0.032	15.15	0.033	15.14	0.033
5	16QAM	1	12	15.07	0.032	15.12	0.033	14.95	0.031
5	16QAM	1	24	15.11	0.032	15.11	0.032	15.07	0.032
5	16QAM	12	0	14.04	0.025	14.13	0.026	14.01	0.025
5	16QAM	12	7	14.05	0.025	14.00	0.025	13.98	0.025
5	16QAM	12	13	13.87	0.024	14.06	0.025	14.02	0.025
5	16QAM	25	0	13.93	0.025	14.01	0.025	13.96	0.025
5	64QAM	1	0	14.01	0.025	14.24	0.027	14.16	0.026
5	64QAM	1	12	14.17	0.026	14.22	0.026	14.10	0.026
5	64QAM	1	24	13.93	0.025	13.98	0.025	13.92	0.025
5	64QAM	12	0	12.90	0.019	13.20	0.021	13.15	0.021
5	64QAM	12	7	12.84	0.019	12.89	0.019	13.06	0.020
5	64QAM	12	13	12.96	0.020	13.03	0.020	12.90	0.019
5	64QAM	25	0	12.83	0.019	12.98	0.020	12.84	0.019



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	21.33	0.136	21.43	0.139	21.39	0.138
10	QPSK	1	25	21.21	0.132	21.30	0.135	21.12	0.129
10	QPSK	1	49	21.11	0.129	21.23	0.133	21.32	0.136
10	QPSK	25	0	20.07	0.102	20.25	0.106	20.17	0.104
10	QPSK	25	12	20.08	0.102	20.13	0.103	20.11	0.103
10	QPSK	25	25	20.07	0.102	20.17	0.104	20.08	0.102
10	QPSK	50	0	20.12	0.103	20.20	0.105	20.15	0.104
10	16QAM	1	0	20.29	0.107	20.37	0.109	20.23	0.105
10	16QAM	1	25	20.19	0.104	20.27	0.106	20.13	0.103
10	16QAM	1	49	20.17	0.104	20.31	0.107	20.32	0.108
10	16QAM	25	0	19.15	0.082	19.22	0.084	19.14	0.082
10	16QAM	25	12	19.06	0.081	19.20	0.083	19.08	0.081
10	16QAM	25	25	19.00	0.079	19.14	0.082	19.05	0.080
10	16QAM	50	0	19.12	0.082	19.08	0.081	19.08	0.081
10	64QAM	1	0	19.16	0.082	19.39	0.087	19.24	0.084
10	64QAM	1	25	19.20	0.083	19.38	0.087	19.08	0.081
10	64QAM	1	49	19.12	0.082	19.33	0.086	19.27	0.085
10	64QAM	25	0	18.12	0.065	18.25	0.067	18.09	0.064
10	64QAM	25	12	18.06	0.064	18.15	0.065	18.00	0.063
10	64QAM	25	25	18.06	0.064	18.20	0.066	18.08	0.064
10	64QAM	50	0	18.09	0.064	18.18	0.066	18.11	0.065



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	21.31	0.135	21.39	0.138	21.33	0.136
5	QPSK	1	12	21.21	0.132	21.18	0.131	21.30	0.135
5	QPSK	1	24	21.15	0.130	21.27	0.134	21.18	0.131
5	QPSK	12	0	20.23	0.105	20.30	0.107	20.16	0.104
5	QPSK	12	7	20.10	0.102	20.25	0.106	20.24	0.106
5	QPSK	12	13	20.07	0.102	20.14	0.103	20.18	0.104
5	QPSK	25	0	20.11	0.103	20.19	0.104	20.09	0.102
5	16QAM	1	0	20.26	0.106	20.40	0.110	20.32	0.108
5	16QAM	1	12	20.18	0.104	20.25	0.106	20.09	0.102
5	16QAM	1	24	20.15	0.104	20.24	0.106	20.21	0.105
5	16QAM	12	0	19.18	0.083	19.34	0.086	19.32	0.086
5	16QAM	12	7	19.10	0.081	19.23	0.084	19.22	0.084
5	16QAM	12	13	19.14	0.082	19.16	0.082	19.17	0.083
5	16QAM	25	0	18.97	0.079	19.18	0.083	19.06	0.081
5	64QAM	1	0	19.35	0.086	19.31	0.085	19.25	0.084
5	64QAM	1	12	19.15	0.082	19.15	0.082	19.18	0.083
5	64QAM	1	24	19.18	0.083	19.39	0.087	19.13	0.082
5	64QAM	12	0	18.20	0.066	18.31	0.068	18.30	0.068
5	64QAM	12	7	18.13	0.065	18.27	0.067	18.13	0.065
5	64QAM	12	13	18.03	0.064	18.18	0.066	18.04	0.064
5	64QAM	25	0	18.14	0.065	18.22	0.066	18.00	0.063



LTE Band 18				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23965		23970		23975	
Frequency (MHz)				826.5		827		827.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	15.58	0.036	15.30	0.034	15.31	0.034
5	QPSK	1	12	15.91	0.039	16.19	0.042	15.68	0.037
5	QPSK	1	24	15.57	0.036	15.46	0.035	15.29	0.034
5	QPSK	12	0	15.04	0.032	15.17	0.033	15.01	0.032
5	QPSK	12	7	15.00	0.032	15.03	0.032	15.04	0.032
5	QPSK	12	13	14.92	0.031	14.86	0.031	14.89	0.031
5	QPSK	25	0	15.15	0.033	15.03	0.032	15.00	0.032
5	16QAM	1	0	14.76	0.030	14.74	0.030	14.52	0.028
5	16QAM	1	12	15.20	0.033	14.74	0.030	14.97	0.031
5	16QAM	1	24	14.62	0.029	14.29	0.027	14.38	0.027
5	16QAM	12	0	14.12	0.026	14.06	0.025	13.92	0.025
5	16QAM	12	7	14.09	0.026	14.25	0.027	14.03	0.025
5	16QAM	12	13	13.89	0.024	14.02	0.025	13.85	0.024
5	16QAM	25	0	14.03	0.025	14.24	0.027	13.95	0.025
5	64QAM	1	0	14.75	0.030	14.71	0.030	14.59	0.029
5	64QAM	1	12	15.00	0.032	14.92	0.031	14.91	0.031
5	64QAM	1	24	14.23	0.026	14.45	0.028	14.21	0.026
5	64QAM	12	0	13.90	0.025	13.94	0.025	13.78	0.024
5	64QAM	12	7	13.69	0.023	14.02	0.025	13.86	0.024
5	64QAM	12	13	13.62	0.023	13.72	0.024	13.86	0.024
5	64QAM	25	0	14.02	0.025	14.15	0.026	14.11	0.026



LTE Band 19				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				/		24075		/	
Frequency (MHz)				/		837.5		/	
				/	/	dbm	W	/	/
15	QPSK	1	0	/	/	16.86	0.049	/	/
15	QPSK	1	37	/	/	16.83	0.048	/	/
15	QPSK	1	74	/	/	16.67	0.046	/	/
15	QPSK	36	0	/	/	15.75	0.038	/	/
15	QPSK	36	20	/	/	15.66	0.037	/	/
15	QPSK	36	39	/	/	15.58	0.036	/	/
15	QPSK	75	0	/	/	15.62	0.036	/	/
15	16QAM	1	0	/	/	15.80	0.038	/	/
15	16QAM	1	37	/	/	15.74	0.037	/	/
15	16QAM	1	74	/	/	15.68	0.037	/	/
15	16QAM	36	0	/	/	14.72	0.030	/	/
15	16QAM	36	20	/	/	14.62	0.029	/	/
15	16QAM	36	39	/	/	14.58	0.029	/	/
15	16QAM	75	0	/	/	14.61	0.029	/	/
15	64QAM	1	0	/	/	14.81	0.030	/	/
15	64QAM	1	37	/	/	14.78	0.030	/	/
15	64QAM	1	74	/	/	14.67	0.029	/	/
15	64QAM	36	0	/	/	13.73	0.024	/	/
15	64QAM	36	20	/	/	13.61	0.023	/	/
15	64QAM	36	39	/	/	13.69	0.023	/	/
15	64QAM	75	0	/	/	13.60	0.023	/	/



LTE Band 19				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				24050		24075		24100	
Frequency (MHz)				835		837.5		840	
				dbm	W	dbm	W	dbm	W
10	QPSK	1	0	16.80	0.048	16.81	0.048	16.72	0.047
10	QPSK	1	25	16.65	0.046	16.73	0.047	16.63	0.046
10	QPSK	1	49	16.58	0.045	16.76	0.047	16.56	0.045
10	QPSK	25	0	15.57	0.036	15.68	0.037	15.63	0.037
10	QPSK	25	12	15.45	0.035	15.59	0.036	15.50	0.035
10	QPSK	25	25	15.54	0.036	15.65	0.037	15.61	0.036
10	QPSK	50	0	15.56	0.036	15.61	0.036	15.48	0.035
10	16QAM	1	0	15.74	0.037	15.76	0.038	15.63	0.037
10	16QAM	1	25	15.48	0.035	15.68	0.037	15.69	0.037
10	16QAM	1	49	15.49	0.035	15.55	0.036	15.74	0.037
10	16QAM	25	0	14.49	0.028	14.70	0.030	14.61	0.029
10	16QAM	25	12	14.42	0.028	14.53	0.028	14.65	0.029
10	16QAM	25	25	14.46	0.028	14.63	0.029	14.52	0.028
10	16QAM	50	0	14.51	0.028	14.66	0.029	14.74	0.030
10	64QAM	1	0	14.69	0.029	14.82	0.030	14.76	0.030
10	64QAM	1	12	14.71	0.030	14.66	0.029	14.75	0.030
10	64QAM	1	24	14.56	0.029	14.78	0.030	14.80	0.030
10	64QAM	12	0	13.56	0.023	13.68	0.023	13.59	0.023
10	64QAM	12	7	13.60	0.023	13.65	0.023	13.53	0.023
10	64QAM	12	13	13.50	0.022	13.59	0.023	13.51	0.022
10	64QAM	25	0	13.43	0.022	13.47	0.022	13.41	0.022



LTE Band 19				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				24025		24075		24125	
Frequency (MHz)				832.5		837.5		842.5	
				dbm	W	dbm	W	dbm	W
5	QPSK	1	0	16.60	0.046	16.80	0.048	16.66	0.046
5	QPSK	1	12	16.55	0.045	16.67	0.046	16.59	0.046
5	QPSK	1	24	16.52	0.045	16.61	0.046	16.48	0.044
5	QPSK	12	0	15.67	0.037	15.70	0.037	15.65	0.037
5	QPSK	12	7	15.53	0.036	15.54	0.036	15.56	0.036
5	QPSK	12	13	15.51	0.036	15.56	0.036	15.44	0.035
5	QPSK	25	0	15.46	0.035	15.59	0.036	15.62	0.036
5	16QAM	1	0	15.69	0.037	15.75	0.038	15.70	0.037
5	16QAM	1	12	15.68	0.037	15.54	0.036	15.53	0.036
5	16QAM	1	24	15.57	0.036	15.62	0.036	15.62	0.036
5	16QAM	12	0	14.68	0.029	14.71	0.030	14.62	0.029
5	16QAM	12	7	14.56	0.029	14.68	0.029	14.50	0.028
5	16QAM	12	13	14.52	0.028	14.59	0.029	14.63	0.029
5	16QAM	25	0	14.52	0.028	14.66	0.029	14.51	0.028
5	64QAM	1	0	14.60	0.029	14.74	0.030	14.63	0.029
5	64QAM	1	12	14.54	0.028	14.67	0.029	14.66	0.029
5	64QAM	1	24	14.51	0.028	14.58	0.029	14.60	0.029
5	64QAM	12	0	13.54	0.023	13.68	0.023	13.65	0.023
5	64QAM	12	7	13.62	0.023	13.71	0.023	13.52	0.022
5	64QAM	12	13	13.47	0.022	13.58	0.023	13.50	0.022
5	64QAM	25	0	13.46	0.022	13.40	0.022	13.54	0.023





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	15.98	0.040	15.52	0.036	15.75	0.038
15	QPSK	1	37	15.70	0.037	16.27	0.042	16.11	0.041
15	QPSK	1	74	16.11	0.041	16.16	0.041	15.87	0.039
15	QPSK	36	0	15.40	0.035	15.44	0.035	15.42	0.035
15	QPSK	36	20	15.42	0.035	15.47	0.035	15.54	0.036
15	QPSK	36	39	15.41	0.035	15.35	0.034	15.30	0.034
15	QPSK	75	0	15.29	0.034	15.37	0.034	15.46	0.035
15	16QAM	1	0	14.72	0.030	14.61	0.029	14.75	0.030
15	16QAM	1	37	15.33	0.034	15.15	0.033	15.58	0.036
15	16QAM	1	74	14.76	0.030	14.94	0.031	14.53	0.028
15	16QAM	36	0	14.35	0.027	14.23	0.026	14.51	0.028
15	16QAM	36	20	14.44	0.028	14.57	0.029	14.60	0.029
15	16QAM	36	39	14.44	0.028	14.39	0.027	14.40	0.028
15	16QAM	75	0	14.31	0.027	14.29	0.027	14.59	0.029
15	64QAM	1	0	15.02	0.032	14.82	0.030	14.77	0.030
15	64QAM	1	37	15.05	0.032	15.22	0.033	15.20	0.033
15	64QAM	1	74	15.16	0.033	14.61	0.029	14.48	0.028
15	64QAM	36	0	14.31	0.027	14.45	0.028	14.46	0.028
15	64QAM	36	20	14.32	0.027	14.63	0.029	14.59	0.029
15	64QAM	36	39	14.47	0.028	14.56	0.029	14.40	0.028
15	64QAM	75	0	14.25	0.027	14.45	0.028	14.42	0.028



LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26840		26915		26990	
Frequency (MHz)				829.0		836.5		844.0	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	16.30	0.043	15.86	0.039	15.94	0.039
10	QPSK	1	25	16.12	0.041	16.02	0.040	16.27	0.042
10	QPSK	1	49	15.86	0.039	16.05	0.040	15.72	0.037
10	QPSK	25	0	15.50	0.035	15.39	0.035	15.54	0.036
10	QPSK	25	12	15.45	0.035	15.53	0.036	15.23	0.033
10	QPSK	25	25	15.30	0.034	15.32	0.034	15.23	0.033
10	QPSK	50	0	15.57	0.036	15.29	0.034	15.45	0.035
10	16QAM	1	0	14.84	0.030	15.00	0.032	14.93	0.031
10	16QAM	1	25	14.94	0.031	15.15	0.033	15.28	0.034
10	16QAM	1	49	15.06	0.032	15.03	0.032	14.82	0.030
10	16QAM	25	0	14.66	0.029	14.29	0.027	14.55	0.029
10	16QAM	25	12	14.51	0.028	14.61	0.029	14.49	0.028
10	16QAM	25	25	14.27	0.027	14.50	0.028	14.07	0.026
10	16QAM	50	0	14.46	0.028	14.55	0.029	14.48	0.028
10	64QAM	1	0	14.74	0.030	14.56	0.029	14.93	0.031
10	64QAM	1	25	15.09	0.032	15.34	0.034	15.19	0.033
10	64QAM	1	49	14.66	0.029	14.88	0.031	14.65	0.029
10	64QAM	25	0	14.63	0.029	14.44	0.028	14.62	0.029
10	64QAM	25	12	14.61	0.029	14.62	0.029	14.57	0.029
10	64QAM	25	25	14.41	0.028	14.37	0.027	14.21	0.026
10	64QAM	50	0	14.33	0.027	14.40	0.028	14.62	0.029



LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26815		26915		27015	
Frequency (MHz)				826.5		836.5		846.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	15.85	0.038	15.91	0.039	16.12	0.041
5	QPSK	1	12	16.09	0.041	15.83	0.038	15.90	0.039
5	QPSK	1	24	15.94	0.039	16.10	0.041	15.65	0.037
5	QPSK	12	0	15.44	0.035	15.36	0.034	15.48	0.035
5	QPSK	12	7	15.53	0.036	15.48	0.035	15.38	0.035
5	QPSK	12	13	15.37	0.034	15.44	0.035	15.22	0.033
5	QPSK	25	0	15.31	0.034	15.29	0.034	15.34	0.034
5	16QAM	1	0	14.78	0.030	14.93	0.031	15.05	0.032
5	16QAM	1	12	15.37	0.034	15.41	0.035	15.04	0.032
5	16QAM	1	24	14.79	0.030	14.90	0.031	14.85	0.031
5	16QAM	12	0	14.48	0.028	14.16	0.026	14.64	0.029
5	16QAM	12	7	14.36	0.027	14.55	0.029	14.27	0.027
5	16QAM	12	13	14.21	0.026	14.42	0.028	14.17	0.026
5	16QAM	25	0	14.41	0.028	14.54	0.028	14.20	0.026
5	64QAM	1	0	14.89	0.031	14.54	0.028	15.14	0.033
5	64QAM	1	12	15.29	0.034	15.28	0.034	15.27	0.034
5	64QAM	1	24	14.44	0.028	14.98	0.031	14.36	0.027
5	64QAM	12	0	14.07	0.026	13.93	0.025	14.24	0.027
5	64QAM	12	7	14.50	0.028	14.39	0.027	14.10	0.026
5	64QAM	12	13	14.27	0.027	14.23	0.026	14.01	0.025
5	64QAM	25	0	14.38	0.027	14.50	0.028	14.50	0.028



LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26805		26915		27025	
Frequency (MHz)				825.5		836.5		847.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	15.90	0.039	15.64	0.037	16.08	0.041
3	QPSK	1	8	16.05	0.040	15.93	0.039	16.03	0.040
3	QPSK	1	14	15.83	0.038	15.66	0.037	16.17	0.041
3	QPSK	8	0	15.34	0.034	15.25	0.033	15.38	0.035
3	QPSK	8	4	15.33	0.034	15.33	0.034	15.32	0.034
3	QPSK	8	7	15.38	0.035	15.36	0.034	15.31	0.034
3	QPSK	15	0	15.30	0.034	15.21	0.033	15.15	0.033
3	16QAM	1	0	15.06	0.032	14.82	0.030	15.10	0.032
3	16QAM	1	8	14.91	0.031	14.97	0.031	14.81	0.030
3	16QAM	1	14	14.87	0.031	14.86	0.031	14.84	0.030
3	16QAM	8	0	14.11	0.026	14.04	0.025	14.12	0.026
3	16QAM	8	4	14.26	0.027	14.33	0.027	14.22	0.026
3	16QAM	8	7	14.47	0.028	14.31	0.027	14.26	0.027
3	16QAM	15	0	14.34	0.027	14.39	0.027	14.27	0.027
3	64QAM	1	0	15.01	0.032	14.85	0.031	14.97	0.031
3	64QAM	1	8	14.71	0.030	14.75	0.030	14.83	0.030
3	64QAM	1	14	14.72	0.030	14.57	0.029	14.52	0.028
3	64QAM	8	0	14.30	0.027	14.13	0.026	14.20	0.026
3	64QAM	8	4	14.25	0.027	14.40	0.028	14.40	0.028
3	64QAM	8	7	14.26	0.027	14.30	0.027	14.39	0.027
3	64QAM	15	0	14.07	0.026	14.29	0.027	14.20	0.026



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	15.82	0.038	15.73	0.037	15.66	0.037
1.4	QPSK	1	3	15.34	0.034	16.11	0.041	15.96	0.039
1.4	QPSK	1	5	15.88	0.039	16.11	0.041	16.28	0.042
1.4	QPSK	3	0	16.14	0.041	15.96	0.039	16.11	0.041
1.4	QPSK	3	1	16.04	0.040	16.00	0.040	15.94	0.039
1.4	QPSK	3	3	16.05	0.040	16.02	0.040	15.84	0.038
1.4	QPSK	6	0	15.31	0.034	15.26	0.034	15.06	0.032
1.4	16QAM	1	0	14.47	0.028	15.07	0.032	14.73	0.030
1.4	16QAM	1	3	14.67	0.029	15.05	0.032	14.79	0.030
1.4	16QAM	1	5	14.44	0.028	14.98	0.031	14.77	0.030
1.4	16QAM	3	0	14.96	0.031	15.20	0.033	15.07	0.032
1.4	16QAM	3	1	15.04	0.032	14.91	0.031	14.94	0.031
1.4	16QAM	3	3	15.34	0.034	15.16	0.033	15.02	0.032
1.4	16QAM	6	0	13.74	0.024	13.98	0.025	14.18	0.026
1.4	64QAM	1	0	14.82	0.030	14.88	0.031	14.95	0.031
1.4	64QAM	1	3	14.79	0.030	14.82	0.030	14.71	0.030
1.4	64QAM	1	5	14.62	0.029	14.50	0.028	14.69	0.029
1.4	64QAM	3	0	15.15	0.033	15.12	0.033	15.08	0.032
1.4	64QAM	3	1	15.32	0.034	15.19	0.033	15.16	0.033
1.4	64QAM	3	3	15.21	0.033	15.12	0.033	15.20	0.033
1.4	64QAM	6	0	14.33	0.027	14.15	0.026	13.85	0.024



LTE Band 38				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				37850		38000		38150	
Frequency (MHz)				2580		2595		2610	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	23.79	0.239	23.82	0.241	23.74	0.237
20	QPSK	1	49	23.76	0.238	23.61	0.230	23.55	0.226
20	QPSK	1	99	23.67	0.233	23.58	0.228	23.63	0.231
20	QPSK	50	0	22.73	0.187	22.75	0.188	22.59	0.182
20	QPSK	50	24	22.69	0.186	22.68	0.185	22.52	0.179
20	QPSK	50	50	22.51	0.178	22.57	0.181	22.56	0.180
20	QPSK	100	0	22.55	0.180	22.66	0.185	22.53	0.179
20	16QAM	1	0	22.74	0.188	22.79	0.190	22.76	0.189
20	16QAM	1	49	22.65	0.184	22.60	0.182	22.55	0.180
20	16QAM	1	99	22.61	0.182	22.53	0.179	22.66	0.185
20	16QAM	50	0	21.70	0.148	21.73	0.149	21.69	0.148
20	16QAM	50	24	21.55	0.143	21.69	0.148	21.61	0.145
20	16QAM	50	50	21.57	0.144	21.55	0.143	21.52	0.142
20	16QAM	100	0	21.53	0.142	21.49	0.141	21.52	0.142
20	64QAM	1	0	21.74	0.149	21.78	0.151	21.68	0.147
20	64QAM	1	49	21.76	0.150	21.64	0.146	21.75	0.150
20	64QAM	1	99	21.60	0.145	21.76	0.150	21.62	0.145
20	64QAM	50	0	20.73	0.118	20.75	0.119	20.60	0.115
20	64QAM	50	24	20.61	0.115	20.74	0.119	20.48	0.112
20	64QAM	50	50	20.52	0.113	20.59	0.115	20.58	0.114
20	64QAM	100	0	20.56	0.114	20.70	0.117	20.54	0.113



LTE Band 38				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				37825		38000		38175	
Frequency (MHz)				2577.5		2595		2612.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	23.77	0.238	23.79	0.239	23.68	0.233
15	QPSK	1	37	23.64	0.231	23.67	0.233	23.49	0.223
15	QPSK	1	74	23.70	0.234	23.59	0.229	23.72	0.236
15	QPSK	36	0	22.61	0.182	22.68	0.185	22.64	0.184
15	QPSK	36	20	22.57	0.181	22.63	0.183	22.40	0.174
15	QPSK	36	39	22.52	0.179	22.59	0.182	22.51	0.178
15	QPSK	75	0	22.56	0.180	22.69	0.186	22.47	0.177
15	16QAM	1	0	22.72	0.187	22.73	0.187	22.71	0.187
15	16QAM	1	37	22.47	0.177	22.66	0.185	22.64	0.184
15	16QAM	1	74	22.56	0.180	22.57	0.181	22.58	0.181
15	16QAM	36	0	21.60	0.145	21.68	0.147	21.63	0.146
15	16QAM	36	20	21.51	0.142	21.48	0.141	21.52	0.142
15	16QAM	36	39	21.44	0.139	21.49	0.141	21.46	0.140
15	16QAM	75	0	21.61	0.145	21.55	0.143	21.53	0.142
15	64QAM	1	0	21.65	0.146	21.81	0.152	21.65	0.146
15	64QAM	1	37	21.54	0.143	21.58	0.144	21.69	0.148
15	64QAM	1	74	21.49	0.141	21.72	0.149	21.56	0.143
15	64QAM	36	0	20.67	0.117	20.72	0.118	20.55	0.114
15	64QAM	36	20	20.61	0.115	20.74	0.119	20.47	0.111
15	64QAM	36	39	20.50	0.112	20.59	0.115	20.56	0.114
15	64QAM	75	0	20.55	0.114	20.60	0.115	20.43	0.110



LTE Band 38				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				37800		38000		38200	
Frequency (MHz)				2575		2595		2615	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	23.76	0.238	23.80	0.240	23.72	0.236
10	QPSK	1	25	23.69	0.234	23.64	0.231	23.65	0.232
10	QPSK	1	49	23.57	0.228	23.69	0.234	23.50	0.224
10	QPSK	25	0	22.61	0.182	22.67	0.185	22.60	0.182
10	QPSK	25	12	22.56	0.180	22.56	0.180	22.54	0.179
10	QPSK	25	25	22.47	0.177	22.63	0.183	22.54	0.179
10	QPSK	50	0	22.65	0.184	22.62	0.183	22.50	0.178
10	16QAM	1	0	22.60	0.182	22.78	0.190	22.59	0.182
10	16QAM	1	25	22.60	0.182	22.64	0.184	22.76	0.189
10	16QAM	1	49	22.53	0.179	22.51	0.178	22.54	0.179
10	16QAM	25	0	21.62	0.145	21.66	0.147	21.57	0.144
10	16QAM	25	12	21.53	0.142	21.61	0.145	21.50	0.141
10	16QAM	25	25	21.61	0.145	21.59	0.144	21.58	0.144
10	16QAM	50	0	21.50	0.141	21.61	0.145	21.48	0.141
10	64QAM	1	0	21.73	0.149	21.74	0.149	21.68	0.147
10	64QAM	1	25	21.60	0.145	21.70	0.148	21.60	0.145
10	64QAM	1	49	21.64	0.146	21.66	0.147	21.57	0.144
10	64QAM	25	0	20.48	0.112	20.74	0.119	20.61	0.115
10	64QAM	25	12	20.70	0.117	20.65	0.116	20.50	0.112
10	64QAM	25	25	20.58	0.114	20.61	0.115	20.58	0.114
10	64QAM	50	0	20.48	0.112	20.52	0.113	20.47	0.111





LTE Band 38				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				37775		38000		38225	
Frequency (MHz)				2572.5		2595		2617.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	23.72	0.236	23.78	0.239	23.57	0.228
5	QPSK	1	12	23.64	0.231	23.58	0.228	23.63	0.231
5	QPSK	1	24	23.56	0.227	23.70	0.234	23.49	0.223
5	QPSK	12	0	22.62	0.183	22.69	0.186	22.56	0.180
5	QPSK	12	7	22.57	0.181	22.61	0.182	22.48	0.177
5	QPSK	12	13	22.46	0.176	22.52	0.179	22.52	0.179
5	QPSK	25	0	22.47	0.177	22.54	0.179	22.49	0.177
5	16QAM	1	0	22.68	0.185	22.77	0.189	22.75	0.188
5	16QAM	1	12	22.74	0.188	22.66	0.185	22.71	0.187
5	16QAM	1	24	22.65	0.184	22.57	0.181	22.60	0.182
5	16QAM	12	0	21.66	0.147	21.66	0.147	21.49	0.141
5	16QAM	12	7	21.50	0.141	21.52	0.142	21.60	0.145
5	16QAM	12	13	21.62	0.145	21.55	0.143	21.49	0.141
5	16QAM	25	0	21.48	0.141	21.51	0.142	21.49	0.141
5	64QAM	1	0	21.73	0.149	21.74	0.149	21.50	0.141
5	64QAM	1	12	21.67	0.147	21.54	0.143	21.72	0.149
5	64QAM	1	24	21.44	0.139	21.64	0.146	21.75	0.150
5	64QAM	12	0	20.56	0.114	20.66	0.116	20.57	0.114
5	64QAM	12	7	20.47	0.111	20.49	0.112	20.45	0.111
5	64QAM	12	13	20.59	0.115	20.55	0.114	20.52	0.113
5	64QAM	25	0	20.59	0.115	20.62	0.115	20.53	0.113



LTE Band 41				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				40140		40640		41140	
Frequency (MHz)				2545		2595		2645	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	23.41	0.219	23.59	0.229	23.54	0.226
20	QPSK	1	49	23.36	0.217	23.46	0.222	23.40	0.219
20	QPSK	1	99	23.27	0.212	23.48	0.223	23.48	0.223
20	QPSK	50	0	22.33	0.171	22.47	0.177	22.43	0.175
20	QPSK	50	24	22.27	0.169	22.38	0.173	22.36	0.172
20	QPSK	50	50	22.25	0.168	22.34	0.171	22.32	0.171
20	QPSK	100	0	22.29	0.169	22.35	0.172	22.44	0.175
20	16QAM	1	0	22.39	0.173	22.54	0.179	22.47	0.177
20	16QAM	1	49	22.31	0.170	22.50	0.178	22.45	0.176
20	16QAM	1	99	22.20	0.166	22.43	0.175	22.39	0.173
20	16QAM	50	0	21.35	0.136	21.45	0.140	21.33	0.136
20	16QAM	50	24	21.22	0.132	21.42	0.139	21.39	0.138
20	16QAM	50	50	21.28	0.134	21.31	0.135	21.24	0.133
20	16QAM	100	0	21.27	0.134	21.36	0.137	21.34	0.136
20	64QAM	1	0	21.37	0.137	21.55	0.143	21.51	0.142
20	64QAM	1	49	21.35	0.136	21.49	0.141	21.32	0.136
20	64QAM	1	99	21.32	0.136	21.42	0.139	21.34	0.136
20	64QAM	50	0	20.32	0.108	20.46	0.111	20.43	0.110
20	64QAM	50	24	20.36	0.109	20.36	0.109	20.21	0.105
20	64QAM	50	50	20.23	0.105	20.39	0.109	20.19	0.104
20	64QAM	100	0	20.20	0.105	20.34	0.108	20.30	0.107



LTE Band 41				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				40115		40640		41165	
Frequency (MHz)				2542.5		2595		2647.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	23.43	0.220	23.56	0.227	23.50	0.224
15	QPSK	1	37	23.25	0.211	23.51	0.224	23.45	0.221
15	QPSK	1	74	23.30	0.214	23.38	0.218	23.51	0.224
15	QPSK	36	0	22.37	0.173	22.47	0.177	22.40	0.174
15	QPSK	36	20	22.38	0.173	22.44	0.175	22.45	0.176
15	QPSK	36	39	22.29	0.169	22.21	0.166	22.25	0.168
15	QPSK	75	0	22.19	0.166	22.35	0.172	22.33	0.171
15	16QAM	1	0	22.42	0.175	22.53	0.179	22.46	0.176
15	16QAM	1	37	22.33	0.171	22.45	0.176	22.44	0.175
15	16QAM	1	74	22.29	0.169	22.43	0.175	22.46	0.176
15	16QAM	36	0	21.34	0.136	21.49	0.141	21.47	0.140
15	16QAM	36	20	21.39	0.138	21.38	0.137	21.43	0.139
15	16QAM	36	39	21.26	0.134	21.35	0.136	21.32	0.136
15	16QAM	75	0	21.40	0.138	21.24	0.133	21.48	0.141
15	64QAM	1	0	21.34	0.136	21.57	0.144	21.45	0.140
15	64QAM	1	37	21.33	0.136	21.45	0.140	21.45	0.140
15	64QAM	1	74	21.29	0.135	21.50	0.141	21.28	0.134
15	64QAM	36	0	20.25	0.106	20.45	0.111	20.25	0.106
15	64QAM	36	20	20.33	0.108	20.23	0.105	20.19	0.104
15	64QAM	36	39	20.19	0.104	20.20	0.105	20.15	0.104
15	64QAM	75	0	20.23	0.105	20.35	0.108	20.16	0.104



LTE Band 41				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				40090		40640		41190	
Frequency (MHz)				2540		2595		2650	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	23.39	0.218	23.57	0.228	23.48	0.223
10	QPSK	1	25	23.37	0.217	23.46	0.222	23.41	0.219
10	QPSK	1	49	23.44	0.221	23.53	0.225	23.45	0.221
10	QPSK	25	0	22.30	0.170	22.46	0.176	22.29	0.169
10	QPSK	25	12	22.18	0.165	22.37	0.173	22.36	0.172
10	QPSK	25	25	22.32	0.171	22.28	0.169	22.31	0.170
10	QPSK	50	0	22.24	0.167	22.40	0.174	22.15	0.164
10	16QAM	1	0	22.43	0.175	22.54	0.179	22.39	0.173
10	16QAM	1	25	22.36	0.172	22.45	0.176	22.43	0.175
10	16QAM	1	49	22.38	0.173	22.37	0.173	22.32	0.171
10	16QAM	25	0	21.30	0.135	21.45	0.140	21.43	0.139
10	16QAM	25	12	21.19	0.132	21.36	0.137	21.44	0.139
10	16QAM	25	25	21.25	0.133	21.39	0.138	21.34	0.136
10	16QAM	50	0	21.16	0.131	21.33	0.136	21.41	0.138
10	64QAM	1	0	21.40	0.138	21.54	0.143	21.47	0.140
10	64QAM	1	25	21.24	0.133	21.33	0.136	21.23	0.133
10	64QAM	1	49	21.45	0.140	21.46	0.140	21.41	0.138
10	64QAM	25	0	20.33	0.108	20.47	0.111	20.41	0.110
10	64QAM	25	12	20.26	0.106	20.29	0.107	20.21	0.105
10	64QAM	25	25	20.22	0.105	20.35	0.108	20.36	0.109
10	64QAM	50	0	20.21	0.105	20.37	0.109	20.41	0.110



LTE Band 41				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				40065		40640		41215	
Frequency (MHz)				2537.5		2595		2652.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	23.42	0.220	23.55	0.226	23.44	0.221
5	QPSK	1	12	23.25	0.211	23.43	0.220	23.32	0.215
5	QPSK	1	24	23.23	0.210	23.39	0.218	23.37	0.217
5	QPSK	12	0	22.38	0.173	22.47	0.177	22.36	0.172
5	QPSK	12	7	22.35	0.172	22.43	0.175	22.38	0.173
5	QPSK	12	13	22.30	0.170	22.17	0.165	22.30	0.170
5	QPSK	25	0	22.33	0.171	22.31	0.170	22.21	0.166
5	16QAM	1	0	22.55	0.180	22.57	0.181	22.54	0.179
5	16QAM	1	12	22.42	0.175	22.34	0.171	22.48	0.177
5	16QAM	1	24	22.29	0.169	22.54	0.179	22.28	0.169
5	16QAM	12	0	21.36	0.137	21.45	0.140	21.35	0.136
5	16QAM	12	7	21.23	0.133	21.33	0.136	21.40	0.138
5	16QAM	12	13	21.26	0.134	21.29	0.135	21.27	0.134
5	16QAM	25	0	21.34	0.136	21.34	0.136	21.28	0.134
5	64QAM	1	0	21.46	0.140	21.54	0.143	21.38	0.137
5	64QAM	1	12	21.33	0.136	21.45	0.140	21.33	0.136
5	64QAM	1	24	21.16	0.131	21.41	0.138	21.44	0.139
5	64QAM	12	0	20.39	0.109	20.46	0.111	20.42	0.110
5	64QAM	12	7	20.32	0.108	20.37	0.109	20.43	0.110
5	64QAM	12	13	20.27	0.106	20.42	0.110	20.43	0.110
5	64QAM	25	0	20.36	0.109	20.39	0.109	20.30	0.107



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				132072		132322		132572	
Frequency (MHz)				1720		1745		1770	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	20.02	0.100	20.06	0.101	19.97	0.099
20	QPSK	1	49	19.97	0.099	20.03	0.101	19.93	0.098
20	QPSK	1	99	19.90	0.098	19.89	0.097	19.84	0.096
20	QPSK	50	0	18.84	0.077	18.91	0.078	18.78	0.076
20	QPSK	50	24	18.78	0.076	18.84	0.077	18.69	0.074
20	QPSK	50	50	18.74	0.075	18.79	0.076	18.75	0.075
20	QPSK	100	0	18.72	0.074	18.75	0.075	18.77	0.075
20	16QAM	1	0	18.74	0.075	18.96	0.079	18.79	0.076
20	16QAM	1	49	18.87	0.077	18.72	0.074	18.77	0.075
20	16QAM	1	99	18.78	0.076	18.81	0.076	18.84	0.077
20	16QAM	50	0	17.81	0.060	17.94	0.062	17.85	0.061
20	16QAM	50	24	17.66	0.058	17.92	0.062	17.72	0.059
20	16QAM	50	50	17.71	0.059	17.75	0.060	17.75	0.060
20	16QAM	100	0	17.67	0.058	17.83	0.061	17.84	0.061
20	64QAM	1	0	17.77	0.060	17.89	0.062	17.84	0.061
20	64QAM	1	49	17.73	0.059	17.75	0.060	17.86	0.061
20	64QAM	1	99	17.82	0.061	17.81	0.060	17.78	0.060
20	64QAM	50	0	16.81	0.048	16.94	0.049	16.77	0.048
20	64QAM	50	24	16.74	0.047	16.86	0.049	16.78	0.048
20	64QAM	50	50	16.71	0.047	16.87	0.049	16.69	0.047
20	64QAM	100	0	16.67	0.046	16.72	0.047	16.68	0.047



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				132047		132322		132597	
Frequency (MHz)				1717.5		1745		1772.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	19.87	0.097	20.03	0.101	19.96	0.099
15	QPSK	1	37	19.80	0.095	19.90	0.098	19.89	0.097
15	QPSK	1	74	19.74	0.094	19.95	0.099	19.95	0.099
15	QPSK	36	0	18.81	0.076	18.98	0.079	18.93	0.078
15	QPSK	36	20	18.68	0.074	18.92	0.078	18.87	0.077
15	QPSK	36	39	18.76	0.075	18.80	0.076	18.69	0.074
15	QPSK	75	0	18.70	0.074	18.61	0.073	18.80	0.076
15	16QAM	1	0	18.85	0.077	18.96	0.079	18.94	0.078
15	16QAM	1	37	18.83	0.076	18.83	0.076	18.76	0.075
15	16QAM	1	74	18.75	0.075	18.74	0.075	18.74	0.075
15	16QAM	36	0	17.79	0.060	17.97	0.063	17.80	0.060
15	16QAM	36	20	17.71	0.059	17.88	0.061	17.70	0.059
15	16QAM	36	39	17.68	0.059	17.90	0.062	17.77	0.060
15	16QAM	75	0	17.73	0.059	17.84	0.061	17.81	0.060
15	64QAM	1	0	17.74	0.059	17.97	0.063	17.76	0.060
15	64QAM	1	37	17.77	0.060	17.92	0.062	17.96	0.063
15	64QAM	1	74	17.75	0.060	17.83	0.061	17.74	0.059
15	64QAM	36	0	16.77	0.048	16.92	0.049	16.70	0.047
15	64QAM	36	20	16.72	0.047	16.86	0.049	16.81	0.048
15	64QAM	36	39	16.60	0.046	16.75	0.047	16.70	0.047
15	64QAM	75	0	16.64	0.046	16.82	0.048	16.71	0.047



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				132022		132322		132622	
Frequency (MHz)				1715		1745		1775	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	19.96	0.099	20.04	0.101	19.81	0.096
10	QPSK	1	25	19.75	0.094	19.93	0.098	19.90	0.098
10	QPSK	1	49	19.79	0.095	19.88	0.097	19.75	0.094
10	QPSK	25	0	18.87	0.077	18.92	0.078	18.74	0.075
10	QPSK	25	12	18.65	0.073	18.84	0.077	18.88	0.077
10	QPSK	25	25	18.68	0.074	18.80	0.076	18.71	0.074
10	QPSK	50	0	18.72	0.074	18.77	0.075	18.67	0.074
10	16QAM	1	0	18.87	0.077	18.99	0.079	18.87	0.077
10	16QAM	1	25	18.89	0.077	18.85	0.077	18.76	0.075
10	16QAM	1	49	18.78	0.076	18.82	0.076	18.82	0.076
10	16QAM	25	0	17.79	0.060	17.92	0.062	17.91	0.062
10	16QAM	25	12	17.75	0.060	17.78	0.060	17.73	0.059
10	16QAM	25	25	17.68	0.059	17.89	0.062	17.70	0.059
10	16QAM	50	0	17.73	0.059	17.88	0.061	17.74	0.059
10	64QAM	1	0	17.88	0.061	17.96	0.063	17.81	0.060
10	64QAM	1	25	17.91	0.062	17.73	0.059	17.82	0.061
10	64QAM	1	49	17.83	0.061	17.79	0.060	17.75	0.060
10	64QAM	25	0	16.75	0.047	16.83	0.048	16.79	0.048
10	64QAM	25	12	16.70	0.047	16.94	0.049	16.74	0.047
10	64QAM	25	25	16.72	0.047	16.76	0.047	16.70	0.047
10	64QAM	50	0	16.66	0.046	16.87	0.049	16.66	0.046





LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				131997		132322		132647	
Frequency (MHz)				1712.5		1745		1777.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	19.75	0.094	19.98	0.100	19.94	0.099
5	QPSK	1	12	19.85	0.097	19.89	0.097	19.86	0.097
5	QPSK	1	24	19.78	0.095	19.93	0.098	19.88	0.097
5	QPSK	12	0	18.73	0.075	18.90	0.078	18.69	0.074
5	QPSK	12	7	18.81	0.076	18.84	0.077	18.74	0.075
5	QPSK	12	13	18.79	0.076	18.82	0.076	18.80	0.076
5	QPSK	25	0	18.76	0.075	18.87	0.077	18.75	0.075
5	16QAM	1	0	18.87	0.077	18.97	0.079	18.93	0.078
5	16QAM	1	12	18.86	0.077	18.82	0.076	18.94	0.078
5	16QAM	1	24	18.75	0.075	18.78	0.076	18.78	0.076
5	16QAM	12	0	17.77	0.060	17.89	0.062	17.82	0.061
5	16QAM	12	7	17.81	0.060	17.88	0.061	17.79	0.060
5	16QAM	12	13	17.76	0.060	17.77	0.060	17.70	0.059
5	16QAM	25	0	17.72	0.059	17.93	0.062	17.83	0.061
5	64QAM	1	0	17.83	0.061	17.96	0.063	17.77	0.060
5	64QAM	1	12	17.77	0.060	17.79	0.060	17.92	0.062
5	64QAM	1	24	17.82	0.061	17.87	0.061	17.76	0.060
5	64QAM	12	0	16.76	0.047	16.88	0.049	16.66	0.046
5	64QAM	12	7	16.77	0.048	16.72	0.047	16.75	0.047
5	64QAM	12	13	16.67	0.046	16.69	0.047	16.73	0.047
5	64QAM	25	0	16.73	0.047	16.89	0.049	16.82	0.048



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				131987		132322		132657	
Frequency (MHz)				1711.5		1745		1778.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	19.86	0.097	20.02	0.100	19.93	0.098
3	QPSK	1	8	19.94	0.099	19.81	0.096	19.80	0.095
3	QPSK	1	14	19.75	0.094	20.02	0.100	19.78	0.095
3	QPSK	8	0	18.84	0.077	18.95	0.079	18.68	0.074
3	QPSK	8	4	18.65	0.073	18.66	0.073	18.79	0.076
3	QPSK	8	7	18.73	0.075	18.86	0.077	18.70	0.074
3	QPSK	15	0	18.63	0.073	18.83	0.076	18.69	0.074
3	16QAM	1	0	18.86	0.077	19.00	0.079	18.96	0.079
3	16QAM	1	8	18.79	0.076	18.72	0.074	18.72	0.074
3	16QAM	1	14	18.77	0.075	18.87	0.077	18.90	0.078
3	16QAM	8	0	17.78	0.060	17.94	0.062	17.91	0.062
3	16QAM	8	4	17.77	0.060	17.75	0.060	17.84	0.061
3	16QAM	8	7	17.70	0.059	17.78	0.060	17.75	0.060
3	16QAM	15	0	17.56	0.057	17.62	0.058	17.75	0.060
3	64QAM	1	0	17.85	0.061	18.04	0.064	17.82	0.061
3	64QAM	1	8	17.78	0.060	17.98	0.063	17.92	0.062
3	64QAM	1	14	17.80	0.060	17.83	0.061	17.98	0.063
3	64QAM	8	0	16.75	0.047	16.91	0.049	16.84	0.048
3	64QAM	8	4	16.81	0.048	16.71	0.047	16.80	0.048
3	64QAM	8	7	16.72	0.047	16.85	0.048	16.70	0.047
3	64QAM	15	0	16.67	0.046	16.75	0.047	16.72	0.047



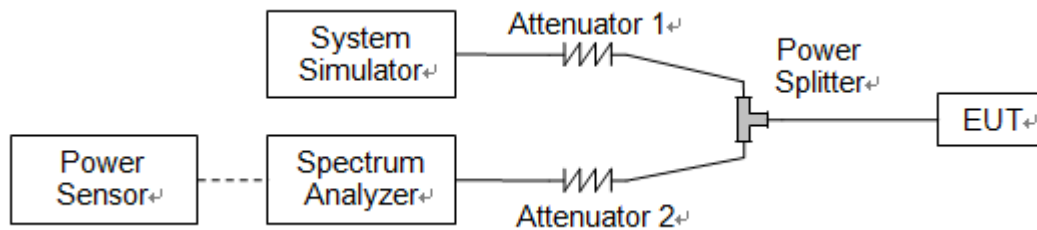
LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				131979		132322		132665	
Frequency (MHz)				1710.7		1745		1779.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	19.92	0.098	19.99	0.100	19.91	0.098
1.4	QPSK	1	3	19.85	0.097	19.90	0.098	19.80	0.095
1.4	QPSK	1	5	19.82	0.096	19.97	0.099	19.72	0.094
1.4	QPSK	3	0	18.72	0.074	18.90	0.078	18.89	0.077
1.4	QPSK	3	1	18.75	0.075	18.70	0.074	18.67	0.074
1.4	QPSK	3	3	18.69	0.074	18.72	0.074	18.70	0.074
1.4	QPSK	6	0	18.77	0.075	18.79	0.076	18.72	0.074
1.4	16QAM	1	0	18.98	0.079	19.01	0.080	18.99	0.079
1.4	16QAM	1	3	18.82	0.076	18.87	0.077	19.00	0.079
1.4	16QAM	1	5	18.83	0.076	18.92	0.078	18.91	0.078
1.4	16QAM	3	0	17.86	0.061	17.90	0.062	17.98	0.063
1.4	16QAM	3	1	17.68	0.059	17.77	0.060	17.82	0.061
1.4	16QAM	3	3	17.75	0.060	17.82	0.061	17.74	0.059
1.4	16QAM	6	0	17.74	0.059	17.93	0.062	17.90	0.062
1.4	64QAM	1	0	17.86	0.061	17.97	0.063	17.89	0.062
1.4	64QAM	1	3	17.92	0.062	17.91	0.062	17.90	0.062
1.4	64QAM	1	5	17.81	0.060	17.80	0.060	17.83	0.061
1.4	64QAM	3	0	16.75	0.047	16.88	0.049	16.71	0.047
1.4	64QAM	3	1	16.68	0.047	16.86	0.049	16.85	0.048
1.4	64QAM	3	3	16.69	0.047	16.74	0.047	16.73	0.047
1.4	64QAM	6	0	16.67	0.046	16.70	0.047	16.56	0.045

## 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	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B2	1.4	Low	18607	1850.7	16QAM	1.0963	1.2882	PASS
B2	1.4	Low	18607	1850.7	64QAM	1.0971	1.2945	PASS
B2	1.4	Low	18607	1850.7	QPSK	1.0976	1.2743	PASS
B2	1.4	Mid	18900	1880	16QAM	1.1015	1.2905	PASS
B2	1.4	Mid	18900	1880	64QAM	1.0986	1.2926	PASS
B2	1.4	Mid	18900	1880	QPSK	1.0945	1.2724	PASS
B2	1.4	High	19193	1909.3	16QAM	1.1040	1.2867	PASS
B2	1.4	High	19193	1909.3	64QAM	1.1009	1.3109	PASS
B2	1.4	High	19193	1909.3	QPSK	1.0984	1.2919	PASS
B2	3	Low	18615	1851.5	16QAM	2.7014	2.9876	PASS
B2	3	Low	18615	1851.5	64QAM	2.7090	3.0013	PASS
B2	3	Low	18615	1851.5	QPSK	2.6979	2.9923	PASS
B2	3	Mid	18900	1880	16QAM	2.7025	2.9931	PASS
B2	3	Mid	18900	1880	64QAM	2.7066	2.9866	PASS
B2	3	Mid	18900	1880	QPSK	2.6976	2.9779	PASS
B2	3	High	19185	1908.5	16QAM	2.7009	2.9952	PASS
B2	3	High	19185	1908.5	64QAM	2.7125	2.9860	PASS
B2	3	High	19185	1908.5	QPSK	2.7037	2.9839	PASS
B2	5	Low	18625	1852.5	16QAM	4.4671	4.8562	PASS
B2	5	Low	18625	1852.5	64QAM	4.4700	4.8549	PASS
B2	5	Low	18625	1852.5	QPSK	4.4718	4.9142	PASS
B2	5	Mid	18900	1880	16QAM	4.4648	4.9025	PASS
B2	5	Mid	18900	1880	64QAM	4.4611	4.8580	PASS
B2	5	Mid	18900	1880	QPSK	4.4713	4.8882	PASS
B2	5	High	19175	1907.5	16QAM	4.4645	4.8872	PASS
B2	5	High	19175	1907.5	64QAM	4.4656	4.8632	PASS
B2	5	High	19175	1907.5	QPSK	4.4724	4.8931	PASS
B2	10	Low	18650	1855	16QAM	8.9172	9.6039	PASS
B2	10	Low	18650	1855	64QAM	8.9471	9.7342	PASS
B2	10	Low	18650	1855	QPSK	8.9362	9.6625	PASS
B2	10	Mid	18900	1880	16QAM	8.9204	9.6163	PASS
B2	10	Mid	18900	1880	64QAM	8.9386	9.7042	PASS
B2	10	Mid	18900	1880	QPSK	8.9390	9.6567	PASS
B2	10	High	19150	1905	16QAM	8.9106	9.6085	PASS
B2	10	High	19150	1905	64QAM	8.9125	9.6046	PASS



B2	10	High	19150	1905	QPSK	8.9216	9.5964	PASS
B2	15	Low	18675	1857.5	16QAM	13.363	14.289	PASS
B2	15	Low	18675	1857.5	64QAM	13.395	14.407	PASS
B2	15	Low	18675	1857.5	QPSK	13.376	14.297	PASS
B2	15	Mid	18900	1880	16QAM	13.379	14.402	PASS
B2	15	Mid	18900	1880	64QAM	13.388	14.396	PASS
B2	15	Mid	18900	1880	QPSK	13.406	14.290	PASS
B2	15	High	19125	1902.5	16QAM	13.369	14.350	PASS
B2	15	High	19125	1902.5	64QAM	13.362	14.337	PASS
B2	15	High	19125	1902.5	QPSK	13.415	14.315	PASS
B2	20	Low	18700	1860	16QAM	17.803	19.018	PASS
B2	20	Low	18700	1860	64QAM	17.833	19.022	PASS
B2	20	Low	18700	1860	QPSK	17.845	19.077	PASS
B2	20	Mid	18900	1880	16QAM	17.817	19.084	PASS
B2	20	Mid	18900	1880	64QAM	17.820	19.084	PASS
B2	20	Mid	18900	1880	QPSK	17.809	19.113	PASS
B2	20	High	19100	1900	16QAM	17.832	19.169	PASS
B2	20	High	19100	1900	64QAM	17.807	19.056	PASS
B2	20	High	19100	1900	QPSK	17.818	18.998	PASS
B4	1.4	Low	19957	1710.7	QPSK	1.0972	1.2796	PASS
B4	1.4	Low	19957	1710.7	16QAM	1.0968	1.2969	PASS
B4	1.4	Low	19957	1710.7	64QAM	1.0999	1.2935	PASS
B4	1.4	Mid	20175	1732.5	QPSK	1.0978	1.2916	PASS
B4	1.4	Mid	20175	1732.5	16QAM	1.0999	1.2989	PASS
B4	1.4	Mid	20175	1732.5	64QAM	1.1015	1.2961	PASS
B4	1.4	High	20393	1754.3	QPSK	1.0933	1.2754	PASS
B4	1.4	High	20393	1754.3	16QAM	1.0951	1.2782	PASS
B4	1.4	High	20393	1754.3	64QAM	1.0983	1.2910	PASS
B4	3	Low	19965	1711.5	QPSK	2.7017	2.9698	PASS
B4	3	Low	19965	1711.5	16QAM	2.6953	2.9945	PASS
B4	3	Low	19965	1711.5	64QAM	2.7045	2.9882	PASS
B4	3	Mid	20175	1732.5	QPSK	2.7030	2.9718	PASS
B4	3	Mid	20175	1732.5	16QAM	2.7068	2.9909	PASS
B4	3	Mid	20175	1732.5	64QAM	2.6984	2.9662	PASS
B4	3	High	20385	1753.5	QPSK	2.7002	2.9749	PASS
B4	3	High	20385	1753.5	16QAM	2.7002	2.9756	PASS
B4	3	High	20385	1753.5	64QAM	2.7052	2.9816	PASS
B4	5	Low	19975	1712.5	QPSK	4.4680	4.8880	PASS



B4	5	Low	19975	1712.5	16QAM	4.4700	4.8909	PASS
B4	5	Low	19975	1712.5	64QAM	4.4834	4.8853	PASS
B4	5	Mid	20175	1732.5	QPSK	4.4713	4.9069	PASS
B4	5	Mid	20175	1732.5	16QAM	4.4657	4.8639	PASS
B4	5	Mid	20175	1732.5	64QAM	4.4787	4.9139	PASS
B4	5	High	20375	1752.5	QPSK	4.4760	4.8942	PASS
B4	5	High	20375	1752.5	16QAM	4.4765	4.8986	PASS
B4	5	High	20375	1752.5	64QAM	4.4617	4.8968	PASS
B4	10	Low	20000	1715	QPSK	8.9245	9.7086	PASS
B4	10	Low	20000	1715	16QAM	8.9159	9.5476	PASS
B4	10	Low	20000	1715	64QAM	8.9182	9.6687	PASS
B4	10	Mid	20175	1732.5	QPSK	8.9210	9.5712	PASS
B4	10	Mid	20175	1732.5	16QAM	8.9218	9.6268	PASS
B4	10	Mid	20175	1732.5	64QAM	8.9341	9.6765	PASS
B4	10	High	20350	1750	QPSK	8.9215	9.6679	PASS
B4	10	High	20350	1750	16QAM	8.9079	9.6060	PASS
B4	10	High	20350	1750	64QAM	8.9308	9.6672	PASS
B4	15	Low	20025	1717.5	QPSK	13.383	14.338	PASS
B4	15	Low	20025	1717.5	16QAM	13.370	14.412	PASS
B4	15	Low	20025	1717.5	64QAM	13.361	14.411	PASS
B4	15	Mid	20175	1732.5	QPSK	13.366	14.310	PASS
B4	15	Mid	20175	1732.5	16QAM	13.395	14.510	PASS
B4	15	Mid	20175	1732.5	64QAM	13.358	14.448	PASS
B4	15	High	20325	1747.5	QPSK	13.377	14.324	PASS
B4	15	High	20325	1747.5	16QAM	13.369	14.373	PASS
B4	15	High	20325	1747.5	64QAM	13.352	14.445	PASS
B4	20	Low	20050	1720	QPSK	17.800	18.981	PASS
B4	20	Low	20050	1720	16QAM	17.828	19.129	PASS
B4	20	Low	20050	1720	64QAM	17.785	19.112	PASS
B4	20	Mid	20175	1732.5	QPSK	17.864	19.119	PASS
B4	20	Mid	20175	1732.5	16QAM	17.831	19.157	PASS
B4	20	Mid	20175	1732.5	64QAM	17.858	19.108	PASS
B4	20	High	20300	1745	QPSK	17.844	19.168	PASS
B4	20	High	20300	1745	16QAM	17.877	19.067	PASS
B4	20	High	20300	1745	64QAM	17.850	19.092	PASS



LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B5	1.4	Low	20407	824.7	16QAM	1.0991	1.2753	PASS
B5	1.4	Low	20407	824.7	64QAM	1.0977	1.2852	PASS
B5	1.4	Low	20407	824.7	QPSK	1.0958	1.2679	PASS
B5	1.4	Mid	20525	836.5	16QAM	1.1027	1.2894	PASS
B5	1.4	Mid	20525	836.5	64QAM	1.0985	1.2916	PASS
B5	1.4	Mid	20525	836.5	QPSK	1.0925	1.2645	PASS
B5	1.4	High	20643	848.3	16QAM	1.1006	1.2719	PASS
B5	1.4	High	20643	848.3	64QAM	1.0970	1.2970	PASS
B5	1.4	High	20643	848.3	QPSK	1.1006	1.2829	PASS
B5	3	Low	20415	825.5	16QAM	2.6974	2.9987	PASS
B5	3	Low	20415	825.5	64QAM	2.7077	2.9770	PASS
B5	3	Low	20415	825.5	QPSK	2.6982	2.9705	PASS
B5	3	Mid	20525	836.5	16QAM	2.7044	3.0001	PASS
B5	3	Mid	20525	836.5	64QAM	2.7066	2.9942	PASS
B5	3	Mid	20525	836.5	QPSK	2.7005	2.9903	PASS
B5	3	High	20635	847.5	16QAM	2.6958	2.9792	PASS
B5	3	High	20635	847.5	64QAM	2.7089	2.9978	PASS
B5	3	High	20635	847.5	QPSK	2.6981	2.9820	PASS
B5	5	Low	20425	826.5	16QAM	4.4637	4.8910	PASS
B5	5	Low	20425	826.5	64QAM	4.4734	4.8623	PASS
B5	5	Low	20425	826.5	QPSK	4.4724	4.9227	PASS
B5	5	Mid	20525	836.5	16QAM	4.4692	4.9246	PASS
B5	5	Mid	20525	836.5	64QAM	4.4665	4.8909	PASS
B5	5	Mid	20525	836.5	QPSK	4.4750	4.9086	PASS
B5	5	High	20625	846.5	16QAM	4.4694	4.9138	PASS
B5	5	High	20625	846.5	64QAM	4.4732	4.8712	PASS
B5	5	High	20625	846.5	QPSK	4.4692	4.8997	PASS
B5	10	Low	20450	829	16QAM	8.9215	9.6503	PASS
B5	10	Low	20450	829	64QAM	8.9371	9.6820	PASS
B5	10	Low	20450	829	QPSK	8.9374	9.5436	PASS
B5	10	Mid	20525	836.5	16QAM	8.9221	9.6548	PASS
B5	10	Mid	20525	836.5	64QAM	8.9371	9.7373	PASS
B5	10	Mid	20525	836.5	QPSK	8.9528	9.6816	PASS
B5	10	High	20600	844	16QAM	8.9048	9.5537	PASS
B5	10	High	20600	844	64QAM	8.9354	9.6660	PASS





B5	10	High	20600	844	QPSK	8.9362	9.6013	PASS
B7	5	Low	20775	2502.5	QPSK	4.4660	4.9120	PASS
B7	5	Low	20775	2502.5	16QAM	4.4695	4.8737	PASS
B7	5	Low	20775	2502.5	64QAM	4.4741	4.8834	PASS
B7	5	Mid	21100	2535	QPSK	4.4779	4.9521	PASS
B7	5	Mid	21100	2535	16QAM	4.4763	4.9526	PASS
B7	5	Mid	21100	2535	64QAM	4.4729	4.8929	PASS
B7	5	High	21425	2567.5	QPSK	4.4727	4.8938	PASS
B7	5	High	21425	2567.5	16QAM	4.4713	4.9095	PASS
B7	5	High	21425	2567.5	64QAM	4.4853	4.8824	PASS
B7	10	Low	20800	2505	QPSK	8.9468	9.6328	PASS
B7	10	Low	20800	2505	16QAM	8.9216	9.7261	PASS
B7	10	Low	20800	2505	64QAM	8.9266	9.6705	PASS
B7	10	Mid	21100	2535	QPSK	8.9490	9.6734	PASS
B7	10	Mid	21100	2535	16QAM	8.9223	9.7075	PASS
B7	10	Mid	21100	2535	64QAM	8.9342	9.6665	PASS
B7	10	High	21400	2565	QPSK	8.9360	9.5759	PASS
B7	10	High	21400	2565	16QAM	8.9135	9.5968	PASS
B7	10	High	21400	2565	64QAM	8.9192	9.5733	PASS
B7	15	Low	20825	2507.5	QPSK	13.414	14.405	PASS
B7	15	Low	20825	2507.5	16QAM	13.386	14.549	PASS
B7	15	Low	20825	2507.5	64QAM	13.334	14.354	PASS
B7	15	Mid	21100	2535	QPSK	13.397	14.431	PASS
B7	15	Mid	21100	2535	16QAM	13.397	14.499	PASS
B7	15	Mid	21100	2535	64QAM	13.361	14.434	PASS
B7	15	High	21375	2562.5	QPSK	13.387	14.361	PASS
B7	15	High	21375	2562.5	16QAM	13.390	14.401	PASS
B7	15	High	21375	2562.5	64QAM	13.358	14.454	PASS
B7	20	Low	20850	2510	QPSK	17.846	19.069	PASS
B7	20	Low	20850	2510	16QAM	17.826	19.013	PASS
B7	20	Low	20850	2510	64QAM	17.856	19.111	PASS
B7	20	Mid	21100	2535	QPSK	17.849	19.029	PASS
B7	20	Mid	21100	2535	16QAM	17.830	19.077	PASS
B7	20	Mid	21100	2535	64QAM	17.848	19.169	PASS
B7	20	High	21350	2560	QPSK	17.833	19.040	PASS
B7	20	High	21350	2560	16QAM	17.830	19.118	PASS
B7	20	High	21350	2560	64QAM	17.830	19.101	PASS



LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B12	1.4	Low	23017	699.7	16QAM	1.0939	1.2978	PASS
B12	1.4	Low	23017	699.7	64QAM	1.0995	1.2980	PASS
B12	1.4	Low	23017	699.7	QPSK	1.0950	1.2740	PASS
B12	1.4	Mid	23095	707.5	16QAM	1.1019	1.2776	PASS
B12	1.4	Mid	23095	707.5	64QAM	1.1005	1.2926	PASS
B12	1.4	Mid	23095	707.5	QPSK	1.0978	1.2975	PASS
B12	1.4	High	23173	715.3	16QAM	1.1012	1.3007	PASS
B12	1.4	High	23173	715.3	64QAM	1.1003	1.2847	PASS
B12	1.4	High	23173	715.3	QPSK	1.0975	1.2738	PASS
B12	3	Low	23025	700.5	16QAM	2.7031	2.9882	PASS
B12	3	Low	23025	700.5	64QAM	2.6976	2.9717	PASS
B12	3	Low	23025	700.5	QPSK	2.7023	2.9771	PASS
B12	3	Mid	23095	707.5	16QAM	2.7017	2.9898	PASS
B12	3	Mid	23095	707.5	64QAM	2.7020	2.9816	PASS
B12	3	Mid	23095	707.5	QPSK	2.6990	2.9813	PASS
B12	3	High	23165	714.5	16QAM	2.7018	3.0055	PASS
B12	3	High	23165	714.5	64QAM	2.7065	2.9826	PASS
B12	3	High	23165	714.5	QPSK	2.7037	2.9806	PASS
B12	5	Low	23035	701.5	16QAM	4.4754	4.9043	PASS
B12	5	Low	23035	701.5	64QAM	4.4809	4.8703	PASS
B12	5	Low	23035	701.5	QPSK	4.4718	4.9282	PASS
B12	5	Mid	23095	707.5	16QAM	4.4652	4.8770	PASS
B12	5	Mid	23095	707.5	64QAM	4.4651	4.8746	PASS
B12	5	Mid	23095	707.5	QPSK	4.4634	4.8618	PASS
B12	5	High	23155	713.5	16QAM	4.4780	4.9456	PASS
B12	5	High	23155	713.5	64QAM	4.4840	4.9201	PASS
B12	5	High	23155	713.5	QPSK	4.4779	4.9208	PASS
B12	10	Low	23060	704	16QAM	8.9313	9.6594	PASS
B12	10	Low	23060	704	64QAM	8.9438	9.6596	PASS
B12	10	Low	23060	704	QPSK	8.9487	9.6466	PASS
B12	10	Mid	23095	707.5	16QAM	8.8860	9.5575	PASS
B12	10	Mid	23095	707.5	64QAM	8.9107	9.6043	PASS
B12	10	Mid	23095	707.5	QPSK	8.9151	9.6013	PASS
B12	10	High	23130	711	16QAM	8.9060	9.6199	PASS
B12	10	High	23130	711	64QAM	8.9325	9.6993	PASS



B12	10	High	23130	711	QPSK	8.9438	9.6704	PASS
B13	5	Low	23205	779.5	QPSK	4.4679	4.8895	PASS
B13	5	Low	23205	779.5	16QAM	4.4661	4.8732	PASS
B13	5	Low	23205	779.5	64QAM	4.4770	4.8747	PASS
B13	5	Mid	23230	782	QPSK	4.4712	4.9194	PASS
B13	5	Mid	23230	782	16QAM	4.4739	4.9049	PASS
B13	5	Mid	23230	782	64QAM	4.4786	4.8993	PASS
B13	5	High	23255	784.5	QPSK	4.4663	4.8907	PASS
B13	5	High	23255	784.5	16QAM	4.4623	4.8798	PASS
B13	5	High	23255	784.5	64QAM	4.4621	4.8791	PASS
B13	10	Mid	23230	782	QPSK	8.9440	9.7158	PASS
B13	10	Mid	23230	782	16QAM	8.9319	9.6851	PASS
B13	10	Mid	23230	782	64QAM	8.9499	9.6790	PASS



LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B17	5	Low	23755	706.5	16QAM	4.4664	4.9177	PASS
B17	5	Low	23755	706.5	64QAM	4.4760	4.8749	PASS
B17	5	Low	23755	706.5	QPSK	4.4618	4.9023	PASS
B17	5	Mid	23790	710	16QAM	4.4701	4.8982	PASS
B17	5	Mid	23790	710	64QAM	4.4675	4.8905	PASS
B17	5	Mid	23790	710	QPSK	4.4629	4.8651	PASS
B17	5	High	23825	713.5	16QAM	4.4753	4.9275	PASS
B17	5	High	23825	713.5	64QAM	4.4882	4.9333	PASS
B17	5	High	23825	713.5	QPSK	4.4736	4.9498	PASS
B17	10	Low	23780	709	16QAM	8.8905	9.6172	PASS
B17	10	Low	23780	709	64QAM	8.9105	9.6190	PASS
B17	10	Low	23780	709	QPSK	8.9280	9.6025	PASS
B17	10	Mid	23790	710	16QAM	8.9065	9.6700	PASS
B17	10	Mid	23790	710	64QAM	8.9162	9.6778	PASS
B17	10	Mid	23790	710	QPSK	8.9354	9.6268	PASS
B17	10	High	23800	711	16QAM	8.9341	9.6818	PASS
B17	10	High	23800	711	64QAM	8.9326	9.6699	PASS
B17	10	High	23800	711	QPSK	8.9239	9.6504	PASS



LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B18 part22	5	Low	23965	826.5	16QAM	4.4673	4.8544	PASS
B18 part22	5	Low	23965	826.5	64QAM	4.4761	4.8749	PASS
B18 part22	5	Low	23965	826.5	QPSK	4.4676	4.8763	PASS
B18 part22	5	Mid	23970	827	16QAM	4.4671	4.8968	PASS
B18 part22	5	Mid	23970	827	64QAM	4.4752	4.8993	PASS
B18 part22	5	Mid	23970	827	QPSK	4.4681	4.9141	PASS
B18 part22	5	High	23975	827.5	16QAM	4.4719	4.9227	PASS
B18 part22	5	High	23975	827.5	64QAM	4.4718	4.8891	PASS
B18 part22	5	High	23975	827.5	QPSK	4.4647	4.9181	PASS



LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B19	5	Low	24025	832.5	16QAM	4.4605	4.8622	PASS
B19	5	Low	24025	832.5	64QAM	4.4785	4.9439	PASS
B19	5	Low	24025	832.5	QPSK	4.4723	4.9007	PASS
B19	5	Mid	24075	837.5	16QAM	4.4706	4.8959	PASS
B19	5	Mid	24075	837.5	64QAM	4.4802	4.8939	PASS
B19	5	Mid	24075	837.5	QPSK	4.4678	4.9196	PASS
B19	5	High	24125	842.5	16QAM	4.4726	4.8763	PASS
B19	5	High	24125	842.5	64QAM	4.4769	4.8960	PASS
B19	5	High	24125	842.5	QPSK	4.4669	4.9043	PASS
B19	10	Low	24050	835	16QAM	8.9103	9.6113	PASS
B19	10	Low	24050	835	64QAM	8.9336	9.6557	PASS
B19	10	Low	24050	835	QPSK	8.9413	9.6974	PASS
B19	10	Mid	24075	837.5	16QAM	8.9128	9.6515	PASS
B19	10	Mid	24075	837.5	64QAM	8.9246	9.6285	PASS
B19	10	Mid	24075	837.5	QPSK	8.9380	9.6474	PASS
B19	10	High	24100	840	16QAM	8.8891	9.6188	PASS
B19	10	High	24100	840	64QAM	8.9177	9.6189	PASS
B19	10	High	24100	840	QPSK	8.9278	9.6735	PASS
B19	15	Low	24075	837.5	16QAM	13.371	14.272	PASS
B19	15	Low	24075	837.5	64QAM	13.333	14.453	PASS
B19	15	Low	24075	837.5	QPSK	13.372	14.221	PASS
B19	15	Mid	24075	837.5	16QAM	13.380	14.363	PASS
B19	15	Mid	24075	837.5	64QAM	13.339	14.299	PASS
B19	15	Mid	24075	837.5	QPSK	13.379	14.251	PASS
B19	15	High	24075	837.5	16QAM	13.379	14.276	PASS
B19	15	High	24075	837.5	64QAM	13.356	14.408	PASS
B19	15	High	24075	837.5	QPSK	13.381	14.370	PASS



LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B26 Part22	1.4	Low	26797	824.7	16QAM	1.1004	1.2887	PASS
B26 Part22	1.4	Low	26797	824.7	64QAM	1.0992	1.2914	PASS
B26 Part22	1.4	Low	26797	824.7	QPSK	1.0979	1.2836	PASS
B26 Part22	1.4	Mid	26915	836.5	16QAM	1.0960	1.2975	PASS
B26 Part22	1.4	Mid	26915	836.5	64QAM	1.0972	1.3054	PASS
B26 Part22	1.4	Mid	26915	836.5	QPSK	1.0976	1.2722	PASS
B26 Part22	1.4	High	27033	848.3	16QAM	1.0993	1.2900	PASS
B26 Part22	1.4	High	27033	848.3	64QAM	1.0976	1.3008	PASS
B26 Part22	1.4	High	27033	848.3	QPSK	1.0973	1.2876	PASS
B26 Part22	3	Low	26805	825.5	16QAM	2.7000	2.9779	PASS
B26 Part22	3	Low	26805	825.5	64QAM	2.7078	2.9707	PASS
B26 Part22	3	Low	26805	825.5	QPSK	2.7019	2.9937	PASS
B26 Part22	3	Mid	26915	836.5	16QAM	2.7055	2.9816	PASS
B26 Part22	3	Mid	26915	836.5	64QAM	2.7059	3.0007	PASS
B26 Part22	3	Mid	26915	836.5	QPSK	2.7001	3.0030	PASS
B26 Part22	3	High	27025	847.5	16QAM	2.7046	2.9825	PASS
B26 Part22	3	High	27025	847.5	64QAM	2.7035	3.0034	PASS
B26	3	High	27025	847.5	QPSK	2.7029	2.9863	PASS



Part22								
B26 Part22	5	Low	26815	826.5	16QAM	4.4677	4.9507	PASS
B26 Part22	5	Low	26815	826.5	64QAM	4.4745	4.8864	PASS
B26 Part22	5	Low	26815	826.5	QPSK	4.4695	4.9065	PASS
B26 Part22	5	Mid	26915	836.5	16QAM	4.4745	4.9451	PASS
B26 Part22	5	Mid	26915	836.5	64QAM	4.4699	4.8854	PASS
B26 Part22	5	Mid	26915	836.5	QPSK	4.4610	4.9030	PASS
B26 Part22	5	High	27015	846.5	16QAM	4.4623	4.9114	PASS
B26 Part22	5	High	27015	846.5	64QAM	4.4661	4.8895	PASS
B26 Part22	5	High	27015	846.5	QPSK	4.4632	4.9282	PASS
B26 Part22	10	Low	26840	829	16QAM	8.9277	9.6568	PASS
B26 Part22	10	Low	26840	829	64QAM	8.9273	9.6335	PASS
B26 Part22	10	Low	26840	829	QPSK	8.9292	9.6657	PASS
B26 Part22	10	Mid	26915	836.5	16QAM	8.9199	9.6367	PASS
B26 Part22	10	Mid	26915	836.5	64QAM	8.9206	9.7249	PASS
B26 Part22	10	Mid	26915	836.5	QPSK	8.9376	9.6238	PASS
B26 Part22	10	High	26990	844	16QAM	8.9148	9.6175	PASS
B26 Part22	10	High	26990	844	64QAM	8.9260	9.7298	PASS
B26 Part22	10	High	26990	844	QPSK	8.9449	9.6537	PASS
B26	15	Low	26865	831.5	16QAM	13.394	14.541	PASS





Part22								
B26 Part22	15	Low	26865	831.5	64QAM	13.400	14.439	PASS
B26 Part22	15	Low	26865	831.5	QPSK	13.431	14.377	PASS
B26 Part22	15	Mid	26915	836.5	16QAM	13.375	14.332	PASS
B26 Part22	15	Mid	26915	836.5	64QAM	13.384	14.443	PASS
B26 Part22	15	Mid	26915	836.5	QPSK	13.418	14.304	PASS
B26 Part22	15	High	26965	841.5	16QAM	13.361	14.399	PASS
B26 Part22	15	High	26965	841.5	64QAM	13.350	14.293	PASS
B26 Part22	15	High	26965	841.5	QPSK	13.393	14.336	PASS



LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B38	5	Low	37775	2572.5	16QAM	4.4677	4.8343	PASS
B38	5	Low	37775	2572.5	64QAM	4.4835	4.8380	PASS
B38	5	Low	37775	2572.5	QPSK	4.4677	4.8597	PASS
B38	5	Mid	38000	2595	16QAM	4.4714	4.8986	PASS
B38	5	Mid	38000	2595	64QAM	4.4814	4.8103	PASS
B38	5	Mid	38000	2595	QPSK	4.4745	4.8858	PASS
B38	5	High	38225	2617.5	16QAM	4.4648	4.8989	PASS
B38	5	High	38225	2617.5	64QAM	4.4797	4.8251	PASS
B38	5	High	38225	2617.5	QPSK	4.4763	4.8841	PASS
B38	10	Low	37800	2575	16QAM	8.9202	9.5641	PASS
B38	10	Low	37800	2575	64QAM	8.9139	9.6921	PASS
B38	10	Low	37800	2575	QPSK	8.9212	9.6520	PASS
B38	10	Mid	38000	2595	16QAM	8.9297	9.5610	PASS
B38	10	Mid	38000	2595	64QAM	8.9253	9.6332	PASS
B38	10	Mid	38000	2595	QPSK	8.9329	9.5109	PASS
B38	10	High	38200	2615	16QAM	8.9115	9.6137	PASS
B38	10	High	38200	2615	64QAM	8.8990	9.6646	PASS
B38	10	High	38200	2615	QPSK	8.9158	9.5312	PASS
B38	15	Low	37825	2577.5	16QAM	13.401	14.380	PASS
B38	15	Low	37825	2577.5	64QAM	13.384	14.331	PASS
B38	15	Low	37825	2577.5	QPSK	13.373	14.297	PASS
B38	15	Mid	38000	2595	16QAM	13.390	14.357	PASS
B38	15	Mid	38000	2595	64QAM	13.396	14.388	PASS
B38	15	Mid	38000	2595	QPSK	13.405	14.370	PASS
B38	15	High	38175	2612.5	16QAM	13.397	14.421	PASS
B38	15	High	38175	2612.5	64QAM	13.343	14.318	PASS
B38	15	High	38175	2612.5	QPSK	13.386	14.320	PASS
B38	20	Low	37850	2580	16QAM	17.843	19.297	PASS
B38	20	Low	37850	2580	64QAM	17.847	19.080	PASS
B38	20	Low	37850	2580	QPSK	17.835	19.026	PASS
B38	20	Mid	38000	2595	16QAM	17.802	19.386	PASS
B38	20	Mid	38000	2595	64QAM	17.830	19.133	PASS
B38	20	Mid	38000	2595	QPSK	17.854	19.027	PASS
B38	20	High	38150	2610	16QAM	17.843	19.432	PASS
B38	20	High	38150	2610	64QAM	17.854	19.138	PASS



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B38	20	High	38150	2610	QPSK	17.860	18.907	PASS
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LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B41(2535-2655)	5	Low	40065	2537.5	16QAM	4.4641	4.8417	PASS
B41(2535-2655)	5	Low	40065	2537.5	64QAM	4.4815	4.8185	PASS
B41(2535-2655)	5	Low	40065	2537.5	QPSK	4.4735	4.8797	PASS
B41(2535-2655)	5	Mid	40640	2595	16QAM	4.4652	4.8433	PASS
B41(2535-2655)	5	Mid	40640	2595	64QAM	4.4757	4.8506	PASS
B41(2535-2655)	5	Mid	40640	2595	QPSK	4.4684	4.8907	PASS
B41(2535-2655)	5	High	41215	2652.5	16QAM	4.4736	4.8972	PASS
B41(2535-2655)	5	High	41215	2652.5	64QAM	4.4603	4.8289	PASS
B41(2535-2655)	5	High	41215	2652.5	QPSK	4.4778	4.9109	PASS
B41(2535-2655)	10	Low	40090	2540	16QAM	8.9089	9.5978	PASS
B41(2535-2655)	10	Low	40090	2540	64QAM	8.9086	9.6473	PASS
B41(2535-2655)	10	Low	40090	2540	QPSK	8.9201	9.5641	PASS
B41(2535-2655)	10	Mid	40640	2595	16QAM	8.9276	9.5763	PASS
B41(2535-2655)	10	Mid	40640	2595	64QAM	8.9286	9.6610	PASS
B41(2535-2655)	10	Mid	40640	2595	QPSK	8.9229	9.5928	PASS
B41(2535-2655)	10	High	41190	2650	16QAM	8.9076	9.5817	PASS
B41(2535-2655)	10	High	41190	2650	64QAM	8.9137	9.6155	PASS
B41(2535-2655)	10	High	41190	2650	QPSK	8.943	9.619	PASS



5)						9	8	
B41(2535-265 5)	15	Low	40115	2542.5	16QAM	13.41 0	14.34 5	PASS
B41(2535-265 5)	15	Low	40115	2542.5	64QAM	13.35 9	14.24 3	PASS
B41(2535-265 5)	15	Low	40115	2542.5	QPSK	13.37 2	14.28 9	PASS
B41(2535-265 5)	15	Mid	40640	2595	16QAM	13.40 5	14.43 1	PASS
B41(2535-265 5)	15	Mid	40640	2595	64QAM	13.37 2	14.35 8	PASS
B41(2535-265 5)	15	Mid	40640	2595	QPSK	13.39 0	14.32 4	PASS
B41(2535-265 5)	15	High	41165	2647.5	16QAM	13.39 0	14.39 9	PASS
B41(2535-265 5)	15	High	41165	2647.5	64QAM	13.33 3	14.23 1	PASS
B41(2535-265 5)	15	High	41165	2647.5	QPSK	13.39 6	14.39 7	PASS
B41(2535-265 5)	20	Low	40140	2545	16QAM	17.84 5	19.31 0	PASS
B41(2535-265 5)	20	Low	40140	2545	64QAM	17.84 4	19.26 1	PASS
B41(2535-265 5)	20	Low	40140	2545	QPSK	17.81 1	19.03 5	PASS
B41(2535-265 5)	20	Mid	40640	2595	16QAM	17.81 8	18.95 0	PASS
B41(2535-265 5)	20	Mid	40640	2595	64QAM	17.86 3	19.27 6	PASS
B41(2535-265 5)	20	Mid	40640	2595	QPSK	17.84 0	18.94 5	PASS
B41(2535-265 5)	20	High	41140	2645	16QAM	17.83 1	19.32 3	PASS
B41(2535-265 5)	20	High	41140	2645	64QAM	17.86 9	19.00 7	PASS
B41(2535-265 5)	20	High	41140	2645	QPSK	17.86 1	19.16 0	PASS



LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B66	1.4	Low	131979	1710.7	16QAM	1.1005	1.2964	PASS
B66	1.4	Low	131979	1710.7	64QAM	1.0984	1.2843	PASS
B66	1.4	Low	131979	1710.7	QPSK	1.0978	1.2820	PASS
B66	1.4	Mid	132322	1745	16QAM	1.0978	1.2960	PASS
B66	1.4	Mid	132322	1745	64QAM	1.0983	1.2944	PASS
B66	1.4	Mid	132322	1745	QPSK	1.0948	1.2930	PASS
B66	1.4	High	132665	1779.3	16QAM	1.1004	1.2821	PASS
B66	1.4	High	132665	1779.3	64QAM	1.1014	1.2777	PASS
B66	1.4	High	132665	1779.3	QPSK	1.0957	1.2961	PASS
B66	3	Low	131987	1711.5	16QAM	2.6958	2.9753	PASS
B66	3	Low	131987	1711.5	64QAM	2.7073	2.9741	PASS
B66	3	Low	131987	1711.5	QPSK	2.6989	2.9853	PASS
B66	3	Mid	132322	1745	16QAM	2.7066	2.9837	PASS
B66	3	Mid	132322	1745	64QAM	2.7030	2.9806	PASS
B66	3	Mid	132322	1745	QPSK	2.6963	2.9674	PASS
B66	3	High	132657	1778.5	16QAM	2.6982	2.9950	PASS
B66	3	High	132657	1778.5	64QAM	2.6981	2.9630	PASS
B66	3	High	132657	1778.5	QPSK	2.6986	2.9822	PASS
B66	5	Low	131997	1712.5	16QAM	4.4706	4.8881	PASS
B66	5	Low	131997	1712.5	64QAM	4.4782	4.8816	PASS
B66	5	Low	131997	1712.5	QPSK	4.4656	4.8971	PASS
B66	5	Mid	132322	1745	16QAM	4.4662	4.8633	PASS
B66	5	Mid	132322	1745	64QAM	4.4710	4.9002	PASS
B66	5	Mid	132322	1745	QPSK	4.4678	4.8840	PASS
B66	5	High	132647	1777.5	16QAM	4.4772	4.9026	PASS
B66	5	High	132647	1777.5	64QAM	4.4796	4.8934	PASS
B66	5	High	132647	1777.5	QPSK	4.4685	4.8711	PASS
B66	10	Low	132022	1715	16QAM	8.9135	9.5884	PASS
B66	10	Low	132022	1715	64QAM	8.9191	9.6016	PASS
B66	10	Low	132022	1715	QPSK	8.9224	9.6051	PASS
B66	10	Mid	132322	1745	16QAM	8.9225	9.5815	PASS
B66	10	Mid	132322	1745	64QAM	8.9346	9.6656	PASS
B66	10	Mid	132322	1745	QPSK	8.9420	9.6820	PASS
B66	10	High	132622	1775	16QAM	8.9189	9.5744	PASS
B66	10	High	132622	1775	64QAM	8.9201	9.6190	PASS



B66	10	High	132622	1775	QPSK	8.9421	9.6191	PASS
B66	15	Low	132047	1717.5	16QAM	13.359	14.328	PASS
B66	15	Low	132047	1717.5	64QAM	13.349	14.441	PASS
B66	15	Low	132047	1717.5	QPSK	13.358	14.305	PASS
B66	15	Mid	132322	1745	16QAM	13.378	14.406	PASS
B66	15	Mid	132322	1745	64QAM	13.377	14.466	PASS
B66	15	Mid	132322	1745	QPSK	13.380	14.270	PASS
B66	15	High	132597	1772.5	16QAM	13.371	14.298	PASS
B66	15	High	132597	1772.5	64QAM	13.352	14.424	PASS
B66	15	High	132597	1772.5	QPSK	13.382	14.322	PASS
B66	20	Low	132072	1720	16QAM	17.850	18.936	PASS
B66	20	Low	132072	1720	64QAM	17.824	19.048	PASS
B66	20	Low	132072	1720	QPSK	17.791	18.865	PASS
B66	20	Mid	132322	1745	16QAM	17.814	19.011	PASS
B66	20	Mid	132322	1745	64QAM	17.853	19.191	PASS
B66	20	Mid	132322	1745	QPSK	17.824	18.972	PASS
B66	20	High	132572	1770	16QAM	17.807	18.912	PASS
B66	20	High	132572	1770	64QAM	17.842	19.087	PASS
B66	20	High	132572	1770	QPSK	17.815	18.956	PASS



B2 / 1.4MHz / 16QAM/ Low CH



B2 / 1.4MHz / 64QAM/ Low CH



B2 / 1.4MHz / QPSK/ Low CH



B2 / 1.4MHz / 16QAM/ Mid CH



B2 / 1.4MHz / 64QAM/ Mid CH



B2 / 1.4MHz / QPSK/ Mid CH

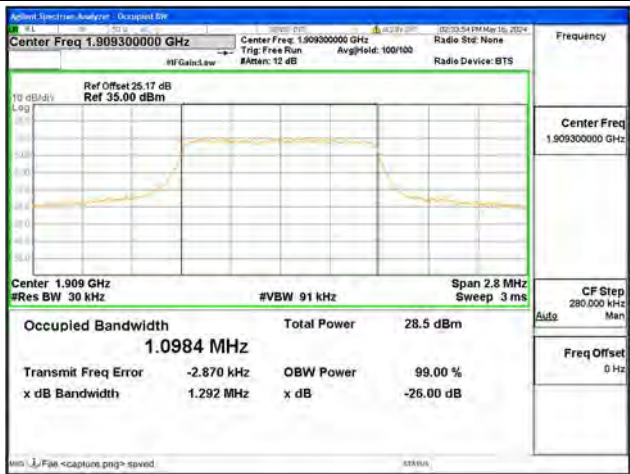




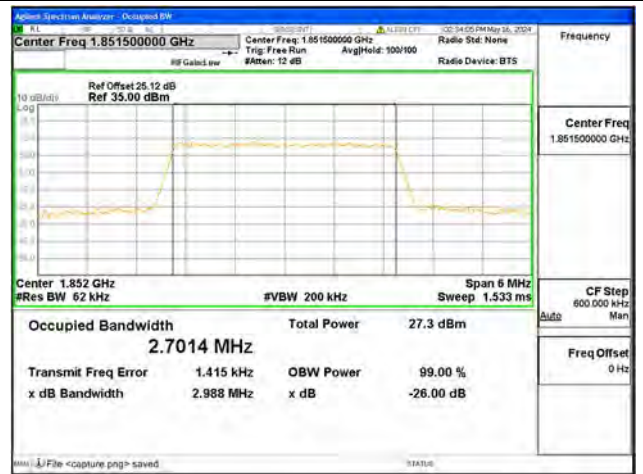
B2 / 1.4MHz / 16QAM/ High CH



B2 / 1.4MHz / 64QAM/ High CH



B2 / 1.4MHz / QPSK/ High CH



B2 / 3MHz / 16QAM/ Low CH



B2 / 3MHz / 64QAM/ Low CH



B2 / 3MHz / QPSK/ Low CH



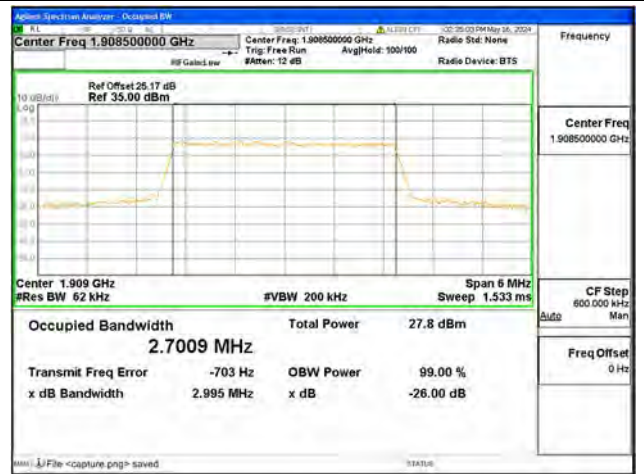
B2 / 3MHz / 16QAM/ Mid CH



B2 / 3MHz / 64QAM/ Mid CH



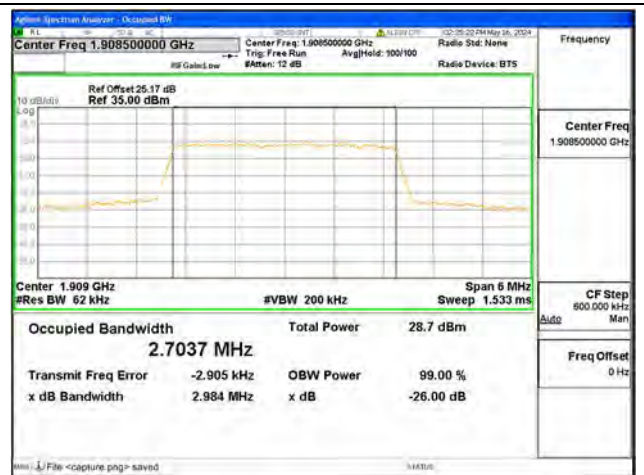
B2 / 3MHz / QPSK/ Mid CH



B2 / 3MHz / 16QAM/ High CH



B2 / 3MHz / 64QAM/ High CH



B2 / 3MHz / QPSK/ High CH



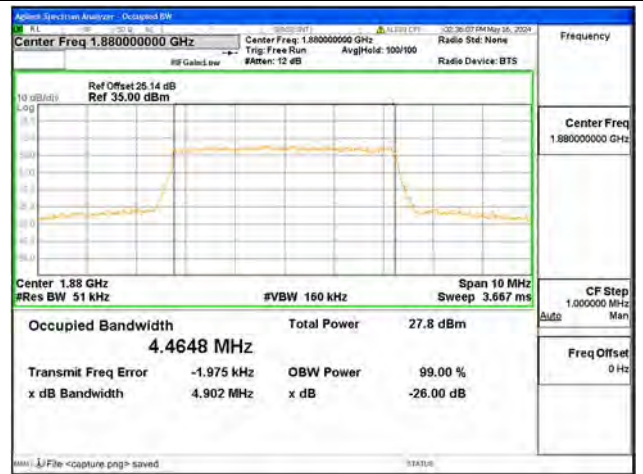
B2 / 5MHz / 16QAM/ Low CH



B2 / 5MHz / 64QAM/ Low CH



B2 / 5MHz / QPSK/ Low CH



B2 / 5MHz / 16QAM/ Mid CH



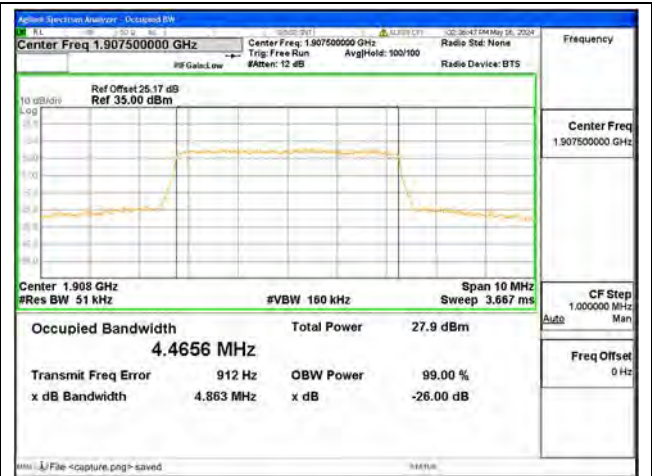
B2 / 5MHz / 64QAM/ Mid CH



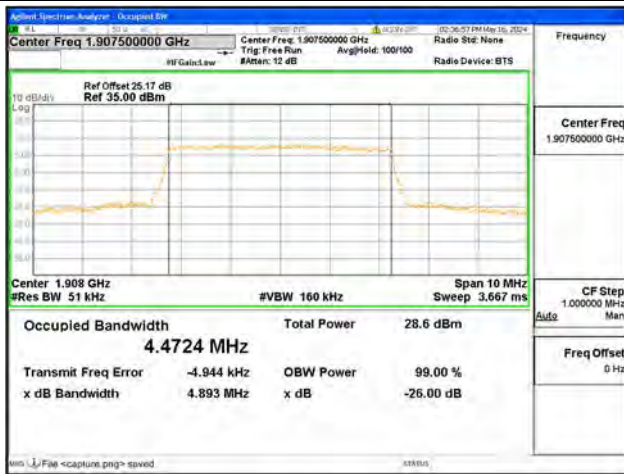
B2 / 5MHz / QPSK/ Mid CH



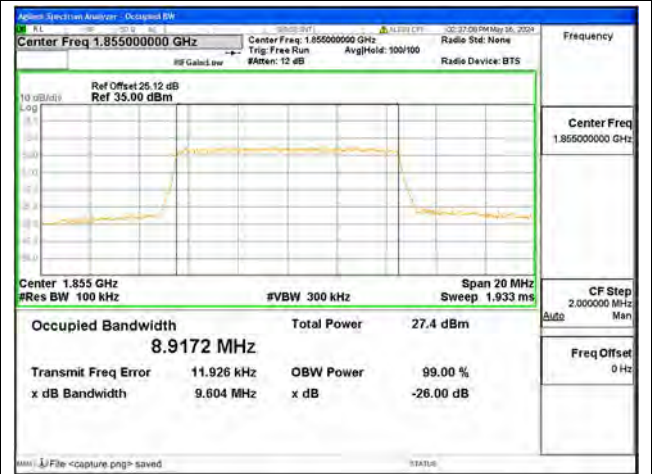
B2 / 5MHz / 16QAM/ High CH



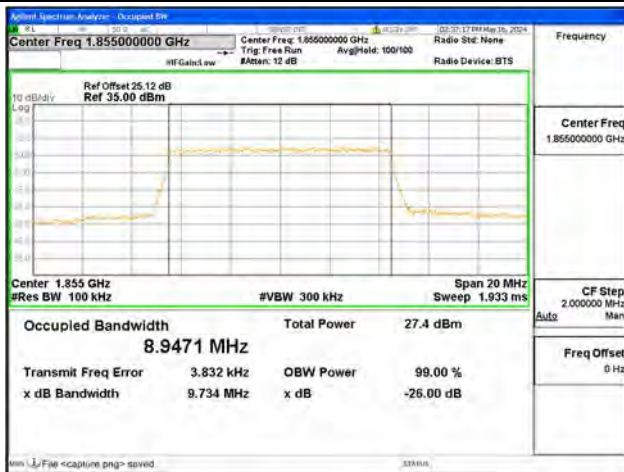
B2 / 5MHz / 64QAM/ High CH



B2 / 5MHz / QPSK/ High CH



B2 / 10MHz / 16QAM/ Low CH



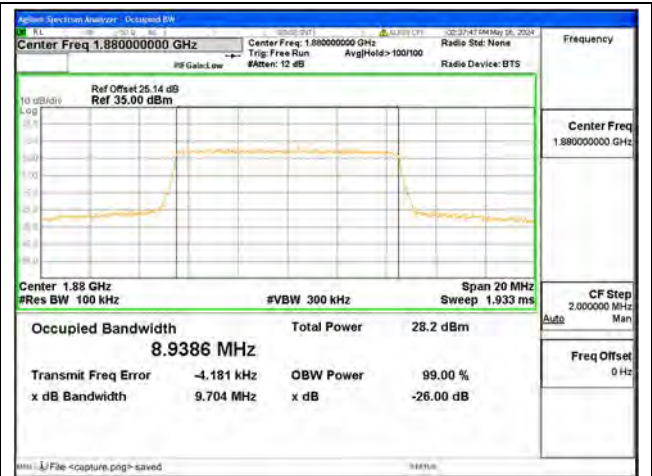
B2 / 10MHz / 64QAM/ Low CH



B2 / 10MHz / QPSK/ Low CH



B2 / 10MHz / 16QAM/ Mid CH



B2 / 10MHz / 64QAM/ Mid CH



B2 / 10MHz / QPSK/ Mid CH



B2 / 10MHz / 16QAM/ High CH



B2 / 10MHz / 64QAM/ High CH



B2 / 10MHz / QPSK/ High CH



B2 / 15MHz / 16QAM/ Low CH



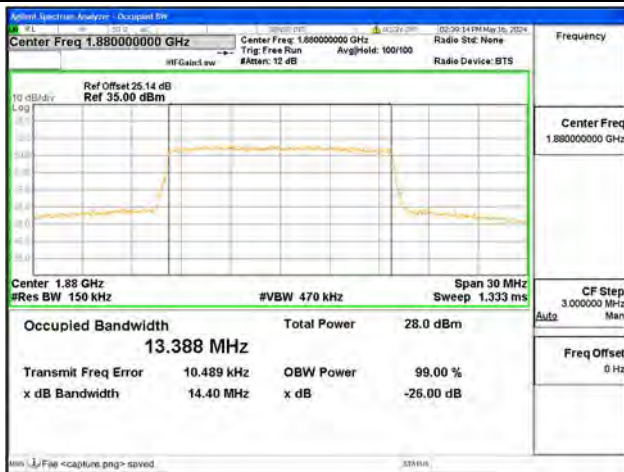
B2 / 15MHz / 64QAM/ Low CH



B2 / 15MHz / QPSK/ Low CH



B2 / 15MHz / 16QAM/ Mid CH



B2 / 15MHz / 64QAM/ Mid CH



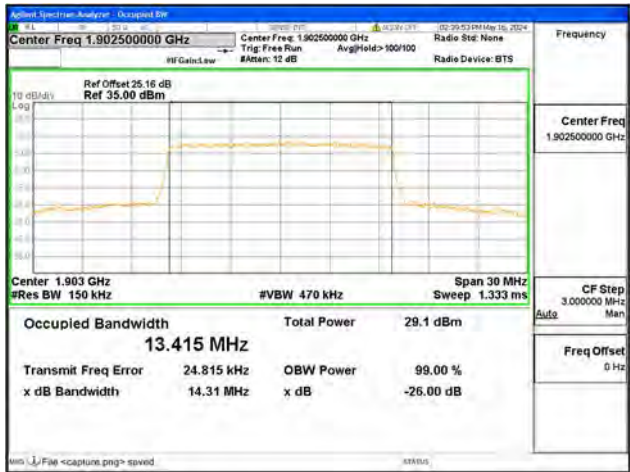
B2 / 15MHz / QPSK/ Mid CH



B2 / 15MHz / 16QAM/ High CH



B2 / 15MHz / 64QAM/ High CH



B2 / 15MHz / QPSK/ High CH



B2 / 20MHz / 16QAM/ Low CH



B2 / 20MHz / 64QAM/ Low CH



B2 / 20MHz / QPSK/ Low CH



B2 / 20MHz / 16QAM/ Mid CH



B2 / 20MHz / 64QAM/ Mid CH



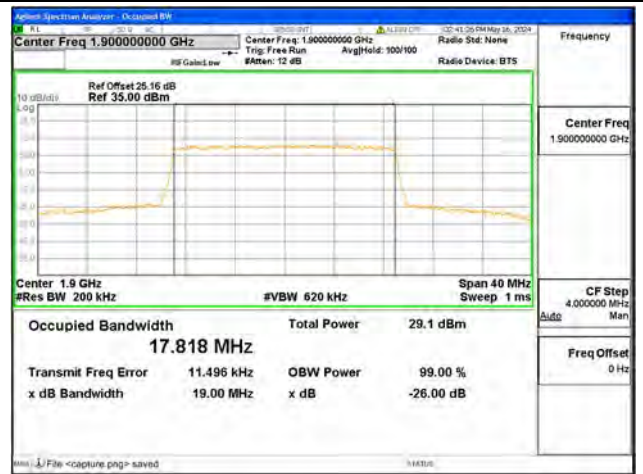
B2 / 20MHz / QPSK/ Mid CH



B2 / 20MHz / 16QAM/ High CH

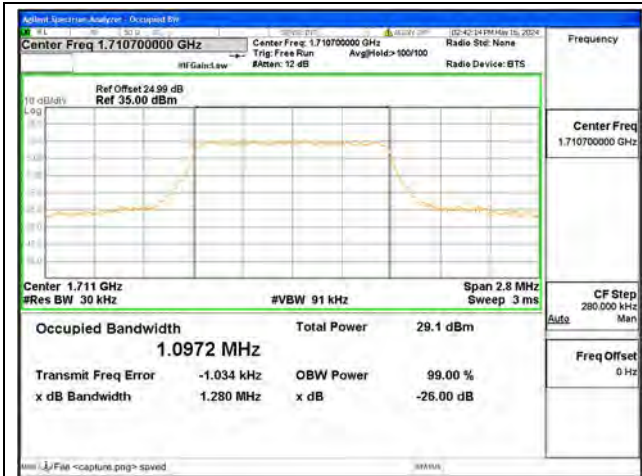


B2 / 20MHz / 64QAM/ High CH



B2 / 20MHz / QPSK/ High CH

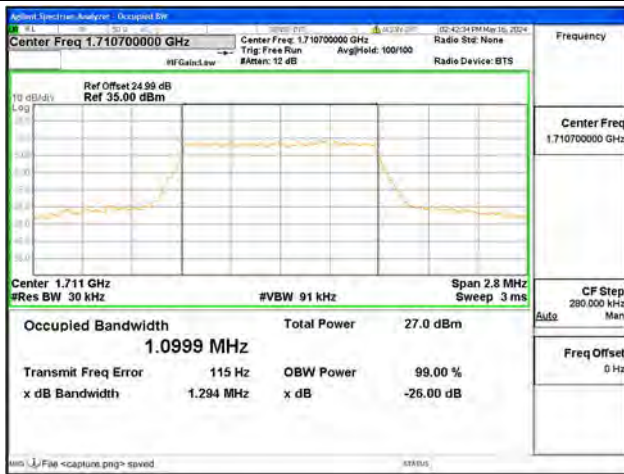




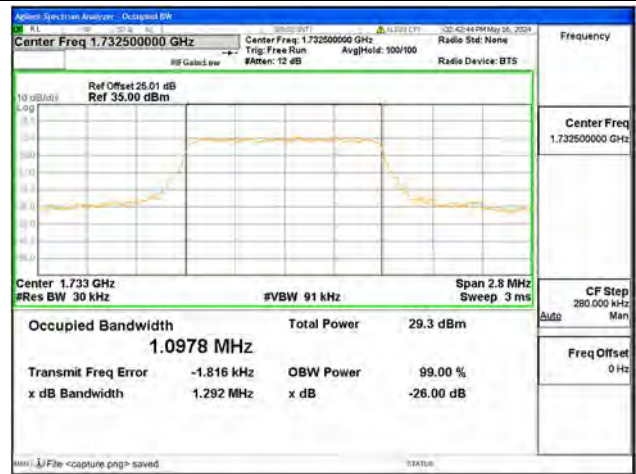
B4 / 1.4MHz / QPSK/ Low CH



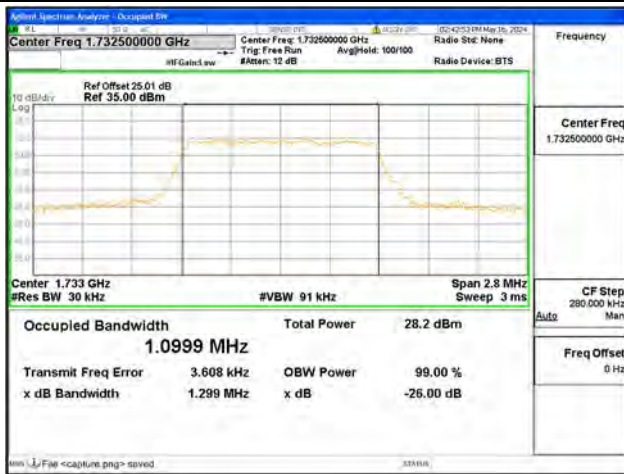
B4 / 1.4MHz / 16QAM/ Low CH



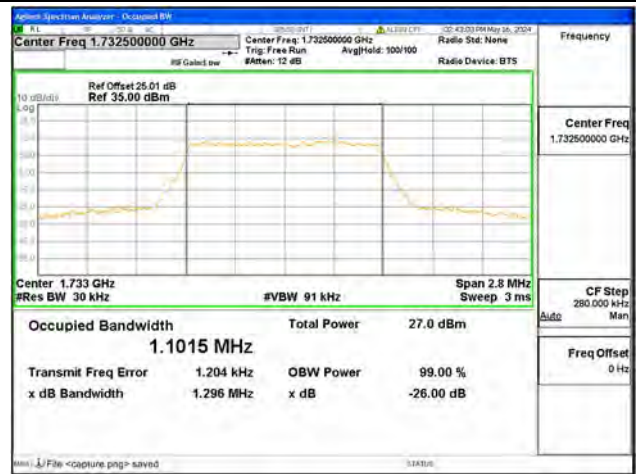
B4 / 1.4MHz / 64QAM/ Low CH



B4 / 1.4MHz / QPSK/ Mid CH



B4 / 1.4MHz / 16QAM/ Mid CH



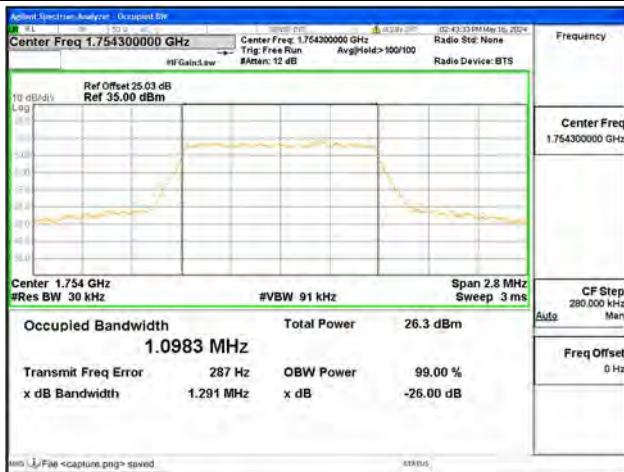
B4 / 1.4MHz / 64QAM/ Mid CH



B4 / 1.4MHz / QPSK/ High CH



B4 / 1.4MHz / 16QAM/ High CH



B4 / 1.4MHz / 64QAM/ High CH



B4 / 3MHz / QPSK/ Low CH



B4 / 3MHz / 16QAM/ Low CH



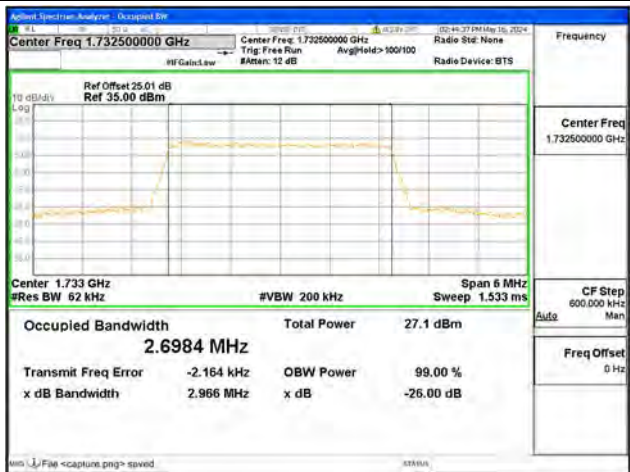
B4 / 3MHz / 64QAM/ Low CH



B4 / 3MHz / QPSK/ Mid CH



B4 / 3MHz / 16QAM/ Mid CH



B4 / 3MHz / 64QAM/ Mid CH



B4 / 3MHz / QPSK/ High CH



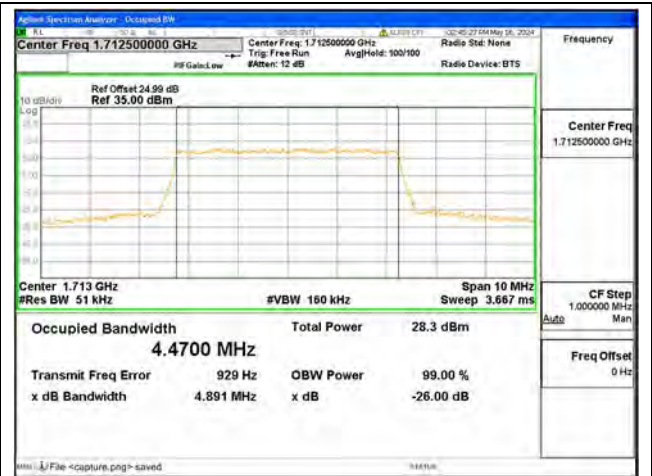
B4 / 3MHz / 16QAM/ High CH



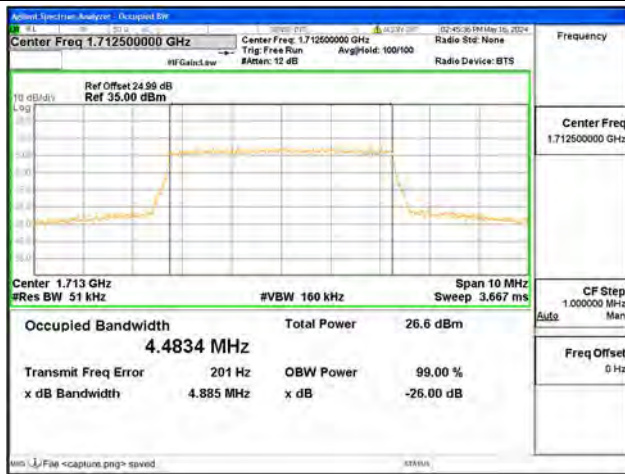
B4 / 3MHz / 64QAM/ High CH



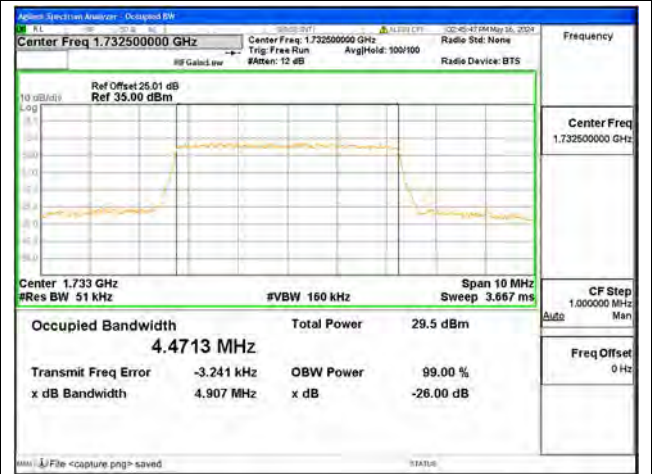
B4 / 5MHz / QPSK / Low CH



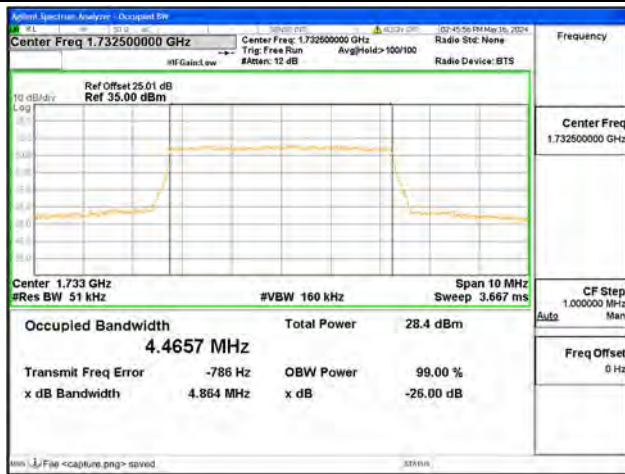
B4 / 5MHz / 16QAM / Low CH



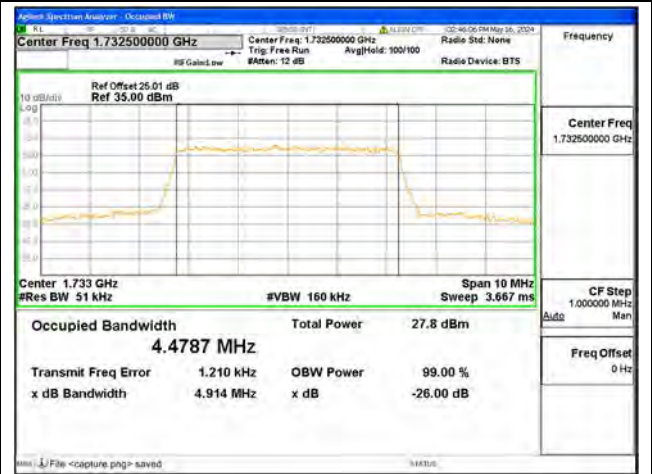
B4 / 5MHz / 64QAM / Low CH



B4 / 5MHz / QPSK / Mid CH



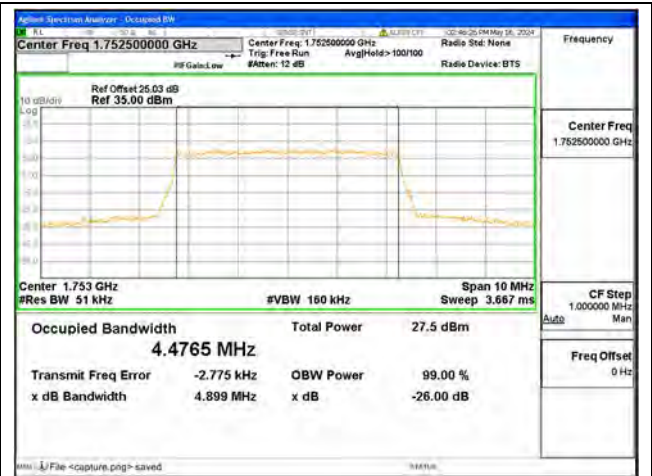
B4 / 5MHz / 16QAM / Mid CH



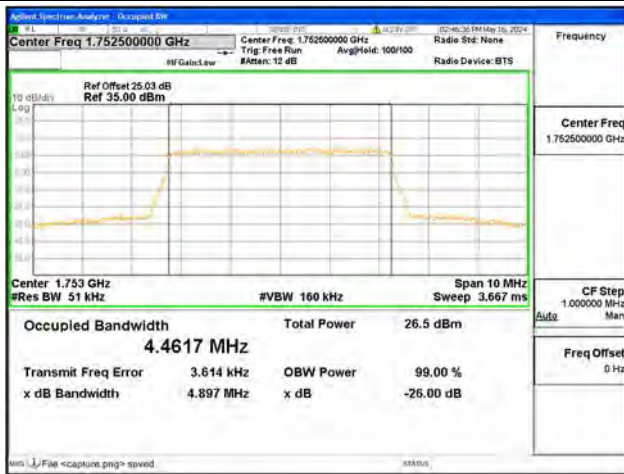
B4 / 5MHz / 64QAM / Mid CH



B4 / 5MHz / QPSK/ High CH



B4 / 5MHz / 16QAM/ High CH



B4 / 5MHz / 64QAM/ High CH



B4 / 10MHz / QPSK/ Low CH



B4 / 10MHz / 16QAM/ Low CH



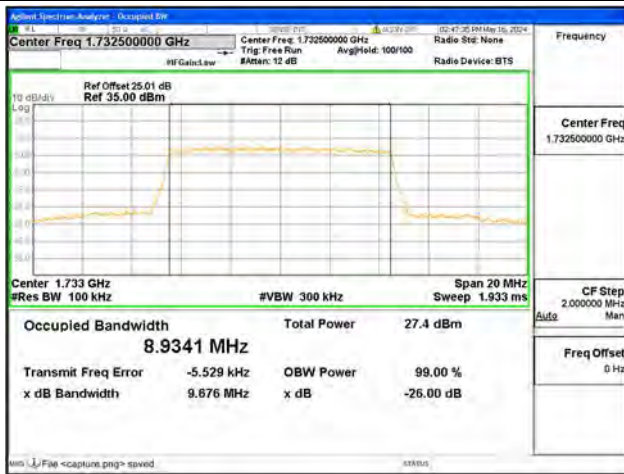
B4 / 10MHz / 64QAM/ Low CH



B4 / 10MHz / QPSK / Mid CH



B4 / 10MHz / 16QAM / Mid CH



B4 / 10MHz / 64QAM / Mid CH



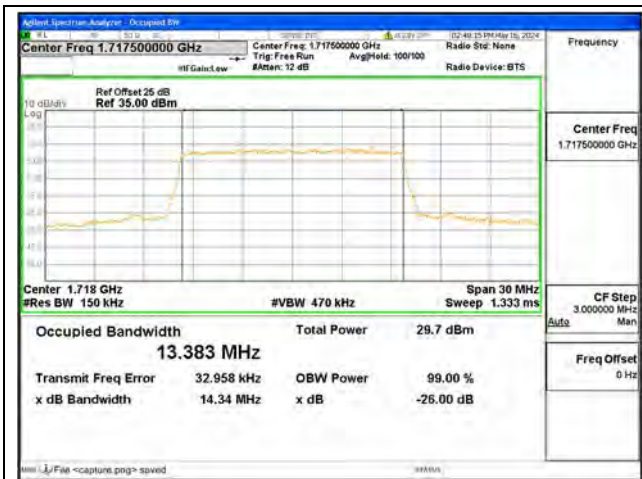
B4 / 10MHz / QPSK / High CH



B4 / 10MHz / 16QAM / High CH



B4 / 10MHz / 64QAM / High CH



B4 / 15MHz / QPSK/ Low CH



B4 / 15MHz / 16QAM/ Low CH



B4 / 15MHz / 64QAM/ Low CH



B4 / 15MHz / QPSK/ Mid CH



B4 / 15MHz / 16QAM/ Mid CH



B4 / 15MHz / 64QAM/ Mid CH



B4 / 15MHz / QPSK/ High CH



B4 / 15MHz / 16QAM/ High CH



B4 / 15MHz / 64QAM/ High CH



B4 / 20MHz / QPSK/ Low CH



B4 / 20MHz / 16QAM/ Low CH



B4 / 20MHz / 64QAM/ Low CH





B4 / 20MHz / QPSK/ Mid CH



B4 / 20MHz / 16QAM/ Mid CH



B4 / 20MHz / 64QAM/ Mid CH



B4 / 20MHz / QPSK/ High CH



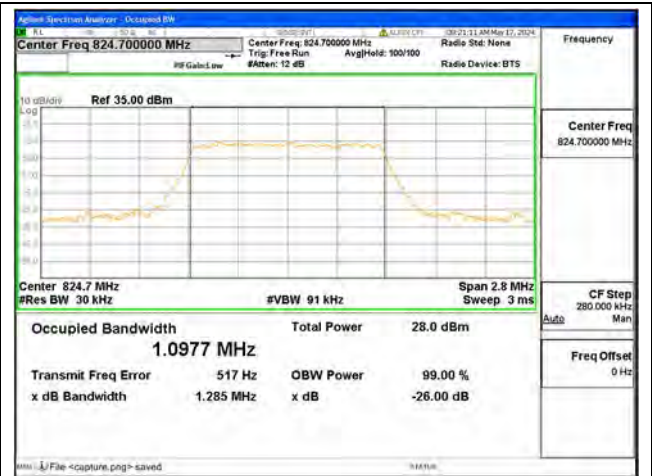
B4 / 20MHz / 16QAM/ High CH



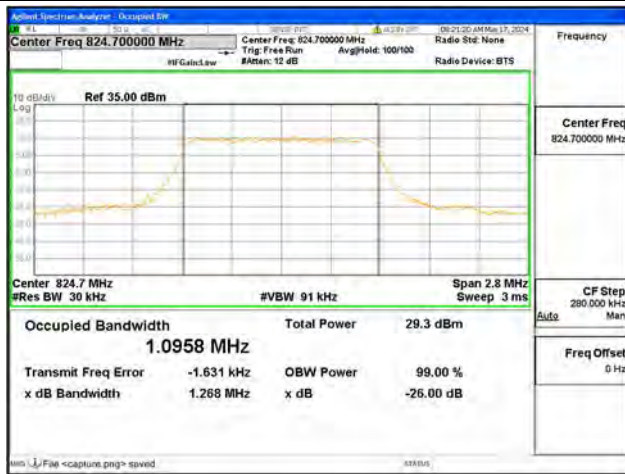
B4 / 20MHz / 64QAM/ High CH



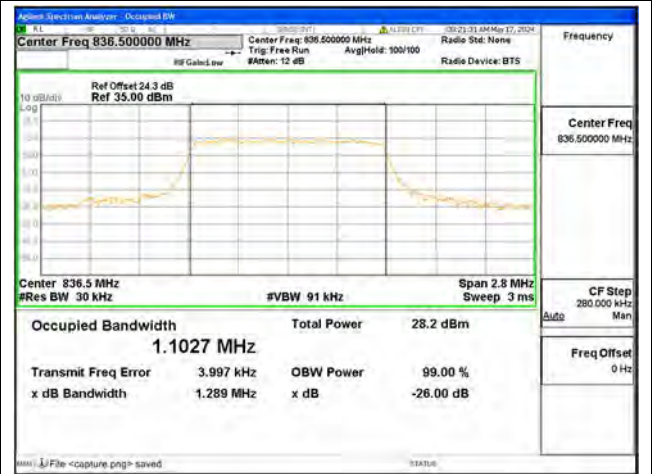
B5 / 1.4MHz / 16QAM/ Low CH



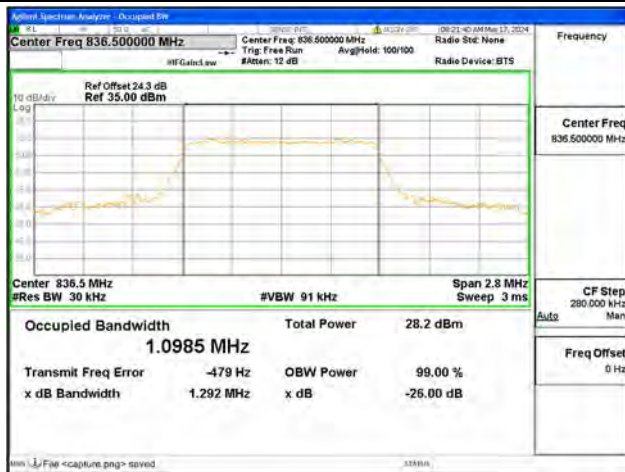
B5 / 1.4MHz / 64QAM/ Low CH



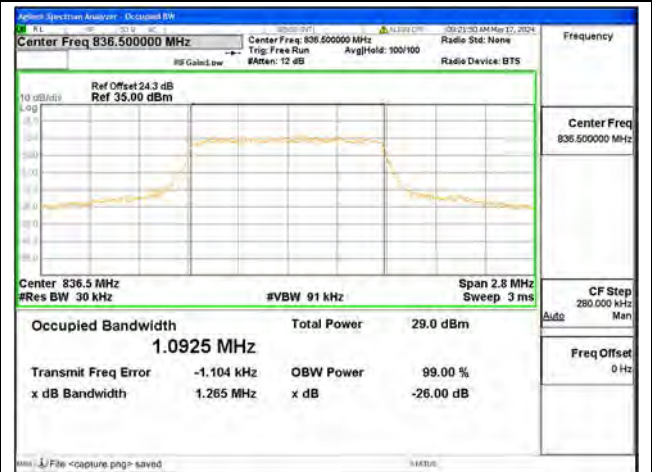
B5 / 1.4MHz / QPSK/ Low CH



B5 / 1.4MHz / 16QAM/ Mid CH



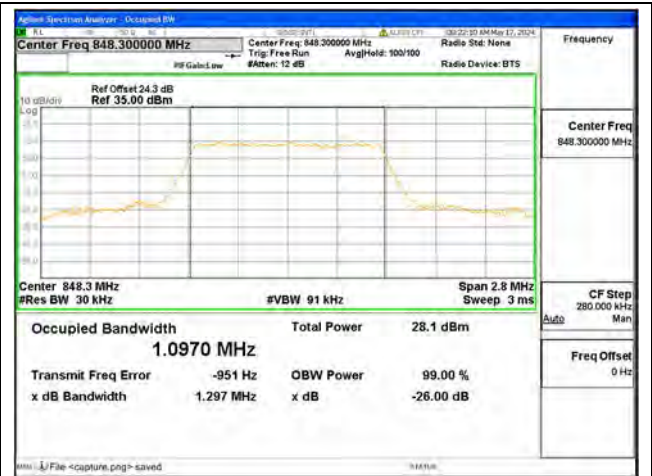
B5 / 1.4MHz / 64QAM/ Mid CH



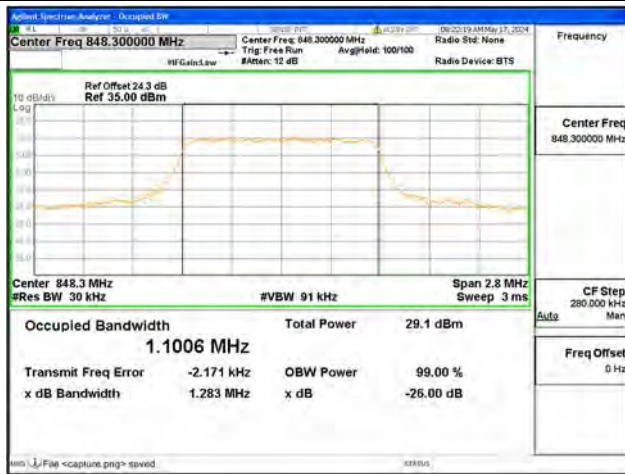
B5 / 1.4MHz / QPSK/ Mid CH



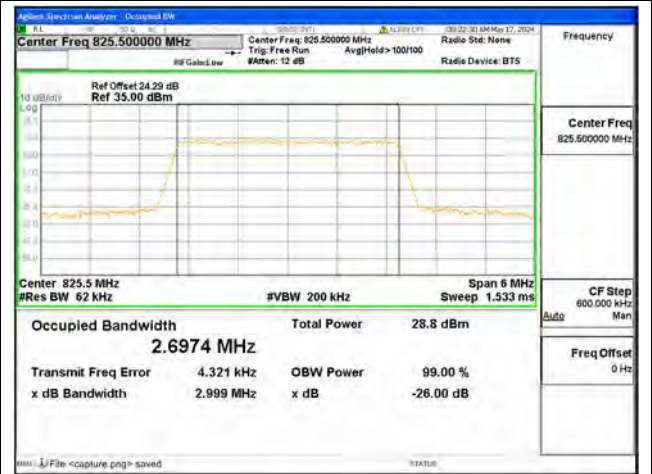
B5 / 1.4MHz / 16QAM/ High CH



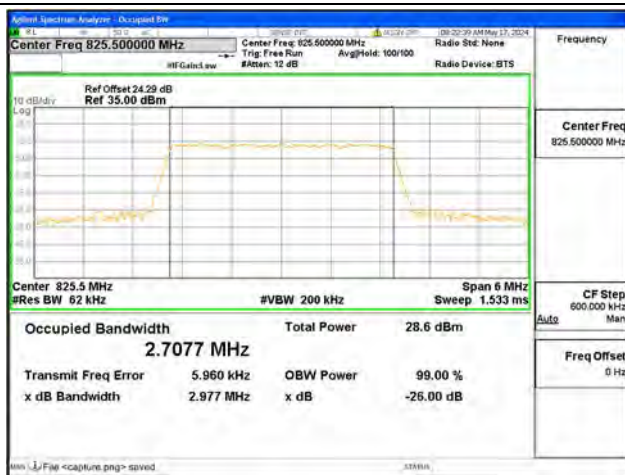
B5 / 1.4MHz / 64QAM/ High CH



B5 / 1.4MHz / QPSK/ High CH



B5 / 3MHz / 16QAM/ Low CH



B5 / 3MHz / 64QAM/ Low CH



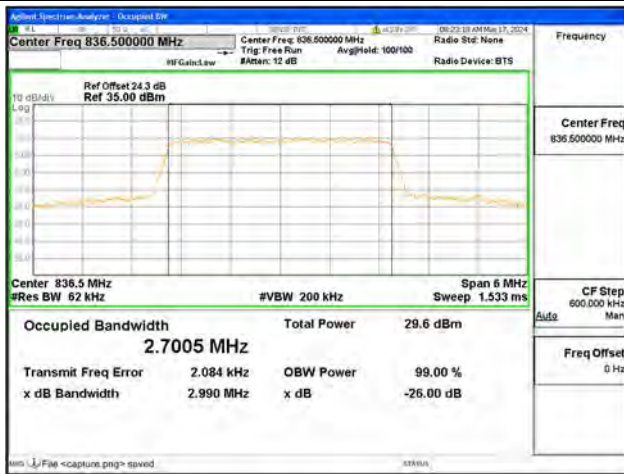
B5 / 3MHz / QPSK/ Low CH



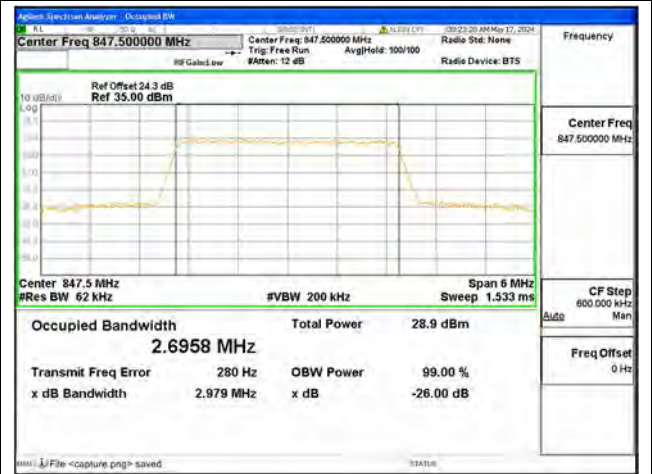
B5 / 3MHz / 16QAM/ Mid CH



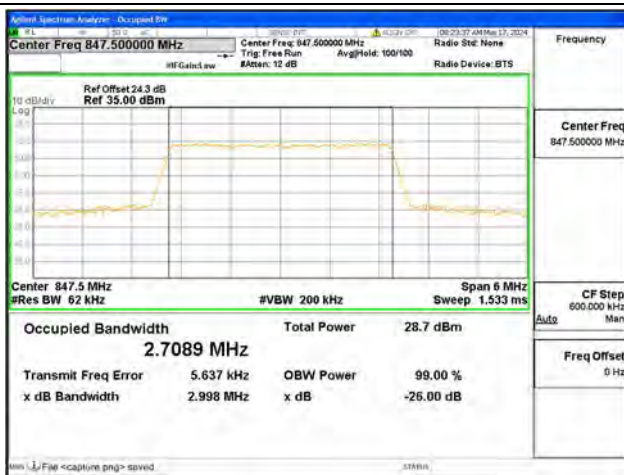
B5 / 3MHz / 64QAM/ Mid CH



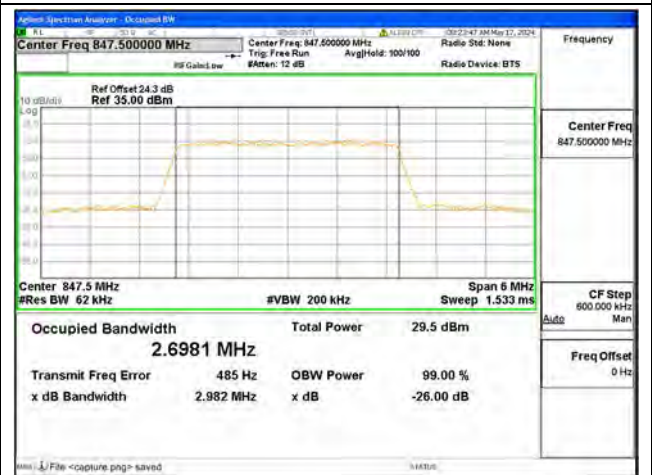
B5 / 3MHz / QPSK/ Mid CH



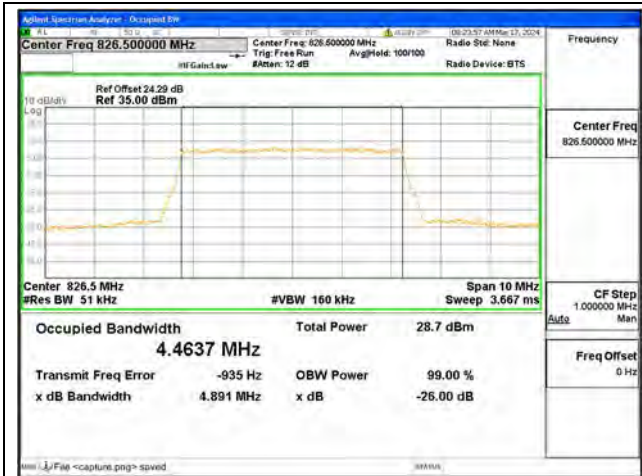
B5 / 3MHz / 16QAM/ High CH



B5 / 3MHz / 64QAM/ High CH



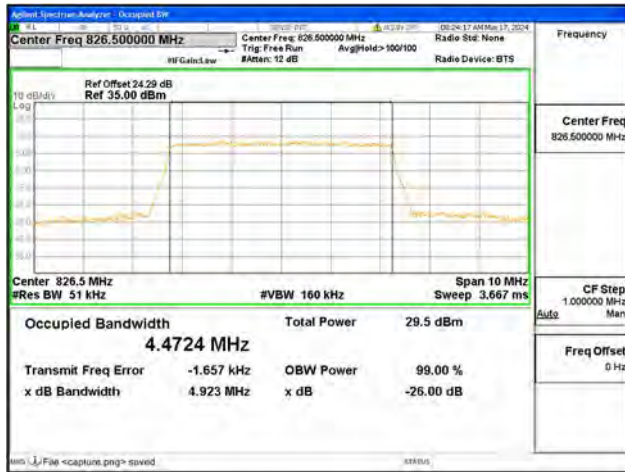
B5 / 3MHz / QPSK/ High CH



B5 / 5MHz / 16QAM/ Low CH



B5 / 5MHz / 64QAM/ Low CH



B5 / 5MHz / QPSK/ Low CH



B5 / 5MHz / 16QAM/ Mid CH



B5 / 5MHz / 64QAM/ Mid CH



B5 / 5MHz / QPSK/ Mid CH