



TEST REPORT

APPLICANT : Shenzhen Chainway Information Technology Co., Ltd

PRODUCT NAME : Mobile Data Terminal

MODEL NAME : MC62

BRAND NAME : CHAINWAY

FCC ID : 2AC6AMC62

STANDARD(S) : 47 CFR Part 2
47 CFR Part 22
47 CFR Part 24
47 CFR Part 27

RECEIPT DATE : 2023-05-10

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Change History		
Version	Date	Reason for change
1.0	2023-09-06	First edition



1. Technical Information

Note: Provide by applicant.

1.1. Applicant and Manufacturer Information

Applicant:	Shenzhen Chainway Information Technology Co., Ltd
Applicant Address:	9F Building 2, Daqian Industrial Park, District 67, XingDong Community, Xin'an Street, Bao'an District, Shenzhen, Guangdong, China
Manufacturer:	Shenzhen Chainway Information Technology Co., Ltd
Manufacturer Address:	9F Building 2, Daqian Industrial Park, District 67, XingDong Community, Xin'an Street, Bao'an District, Shenzhen, Guangdong, China

1.2. Equipment Under Test (EUT) Description

Product Name:	Mobile Data Terminal	
Sample No.:	7#	
Hardware Version:	MC62_hardware_version P	
Software Version:	MC62_software_version P	
Modulation Type:	QPSK, 16QAM, 64QAM	
Operation Band:	Band 2 / 4 / 5 / 7 / 12 / 17 / 38 / 40 / 41	
Frequency Range:	Band 2	Tx: 1850MHz–1910MHz
		Rx: 1930MHz–1990MHz
	Band 4	Tx: 1710MHz–1755MHz
		Rx: 2110MHz–2155MHz
	Band 5	Tx: 824MHz–849MHz
		Rx: 869MHz–894MHz
	Band 7	Tx: 2500MHz–2570MHz
		Rx: 2620MHz–2690MHz
	Band 12	Tx: 699MHz–716MHz
		Rx: 729MHz–746MHz
	Band 17	Tx: 704MHz–716MHz
		Rx: 734MHz–746MHz



Frequency Range:	LTE Band 38	Tx: 2570MHz–2620MHz
		Rx: 2570MHz–2620MHz
	Band 40-1	Tx: 2305MHz–2315MHz
		Rx: 2305MHz–2315MHz
	Band 40-2	Tx: 2350MHz–2360MHz
		Rx: 2350MHz–2360MHz
	Band 41	Tx: 2496MHz –2690MHz
		Rx: 2496MHz–2690MHz
Channel Bandwidth:	Band 2	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
	Band 4	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
	Band 5	1.4MHz, 3MHz, 5MHz, 10MHz
	Band 7	5 MHz, 10MHz, 15MHz, 20MHz
	Band 12	1.4MHz, 3 MHz, 5 MHz, 10MHz
	Band 17	5 MHz, 10MHz
	Band 38	5 MHz, 10MHz, 15MHz, 20MHz
	Band 40-1	5 MHz, 10MHz
	Band 40-2	5 MHz, 10MHz
	Band 41	5 MHz, 10MHz, 15MHz, 20MHz
Antenna Type:	PIFA Antenna	
Antenna Gain:	Band 2	1.1dBi
	Band 4	2.2dBi
	Band 5	-0.6dBi
	Band 7	1.8dBi
	Band 12	-0.6dBi
	Band 17	-0.6dBi
	Band 38	0.9dBi
	Band 40	0.3dBi
	Band 41	1.8dBi
Accessory Information:	Battery	
	Brand Name:	UTL
	Model No.:	MC62
	Serial No.:	N/A
	Capacity:	5000mAh
	Rated Voltage:	3.87V
	Charge Limit:	4.45V
	Manufacturer:	SHENZHEN UTILITY ENERGY CO., LTD.



Accessory Information:	AC Adapter	
	Brand Name:	Chainway
	Model No.:	HJ-0502000W2-US
	Serial No.:	N/A
	Rated Output:	5.0V \pm 2.0A
	Rated Input:	100-240V \sim 50/60Hz, 0.3A
	Manufacturer:	Shenzhen Huajin Electronics Co.,Ltd
	USB cable	
	Model No.:	1.8.17.095
	Manufacturer:	King Power Electronics Co., Ltd.

Note 1: For a more detailed description, please refer to Specification or User's Manual supplied by the applicant and/or manufacturer.



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

Band2	Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20	0.202	0.163	0.129	18M1G7D	18M1W7D	18M1W7D
15	0.200	0.160	0.126	13M5G7D	13M5W7D	13M5W7D
10	0.199	0.162	0.127	9M02G7D	9M00W7D	9M01W7D
5	0.200	0.164	0.129	4M50G7D	4M50W7D	4M51W7D
3	0.200	0.160	0.130	2M69G7D	2M69W7D	2M70W7D
1.4	0.200	0.161	0.129	1M09G7D	1M10W7D	1M10W7D
Band 4	Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20	0.244	0.203	0.161	18M0G7D	18M0W7D	18M0W7D
15	0.243	0.197	0.160	13M5G7D	13M5W7D	13M5W7D
10	0.243	0.201	0.157	9M02G7D	8M97W7D	9M00W7D
5	0.242	0.200	0.159	4M50G7D	4M51W7D	4M50W7D
3	0.241	0.200	0.159	2M69G7D	2M69W7D	2M70W7D
1.4	0.242	0.198	0.158	1M10G7D	1M10W7D	1M10W7D
Band 5	Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10	0.082	0.066	0.053	9M01G7D	8M97W7D	8M99W7D
5	0.082	0.065	0.052	4M50G7D	4M50W7D	4M51W7D
3	0.081	0.065	0.052	2M69G7D	2M70W7D	2M70W7D
1.4	0.081	0.066	0.052	1M10G7D	1M10W7D	1M10W7D
Band 7	Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20	0.136	0.111	0.088	18M0G7D	18M0W7D	18M0W7D
15	0.136	0.111	0.090	13M5G7D	13M5W7D	13M5W7D
10	0.135	0.109	0.086	9M00G7D	8M98W7D	9M00W7D
5	0.135	0.110	0.087	4M51G7D	4M51W7D	4M51W7D
Band 12	Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10	0.081	0.065	0.052	9M08G7D	9M05W7D	9M07W7D
5	0.080	0.063	0.051	4M52G7D	4M52W7D	4M53W7D
3	0.080	0.065	0.051	2M69G7D	2M70W7D	2M70W7D
1.4	0.080	0.065	0.050	1M10G7D	1M10W7D	1M10W7D



Band 17		Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	
10	0.079	0.063	0.051	8M96G7D	8M93W7D	8M96W7D	
5	0.079	0.064	0.051	4M52G7D	4M52W7D	4M52W7D	
Band 38		Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	
20	0.182	0.149	0.117	17M9G7D	18M0W7D	18M0W7D	
15	0.180	0.152	0.117	13M5G7D	13M5W7D	13M5W7D	
10	0.179	0.150	0.120	9M00G7D	8M98W7D	8M98W7D	
5	0.180	0.150	0.117	4M50G7D	4M51W7D	4M52W7D	
Band 40-1		Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	
10	0.030	0.023	0.019	9M01G7D	8M99W7D	8M98W7D	
5	0.030	0.024	0.019	4M52G7D	4M53W7D	4M52W7D	
Band 40-2		Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	
10	0.030	0.024	0.019	9M01G7D	8M97W7D	8M99W7D	
5	0.030	0.024	0.019	4M53G7D	4M53W7D	4M53W7D	
Band 41		Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	
20	0.229	0.185	0.140	17M9G7D	18M0W7D	18M0W7D	
15	0.228	0.179	0.146	13M5G7D	13M5W7D	13M5W7D	
10	0.227	0.184	0.147	9M00G7D	8M99W7D	8M98W7D	
5	0.225	0.184	0.148	4M51G7D	4M51W7D	4M51W7D	



1.4. Test Standards and Results

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

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

B2			
Item	FCC Rule No.	Requirements	Result
Effective (Isotropic) Radiated Power Output Data	§2.1046, §24.232(c)	$EIRP \leq 2\text{ W}$	PASS
Peak-Average Ratio	§24.232(d)	Limit $\leq 13\text{ dB}$	PASS
Bandwidth	§2.1049	OBW: No limit EBW: No limit	PASS
Band Edges Compliance	§2.1051, §24.238(a)(b)	Refer to section 2.6	PASS
Spurious Emission at Antenna Terminals	§2.1051, §24.238(a)(b)	$\leq -13\text{ dBm/1MHz}$	PASS
Field Strength of Spurious Radiation	§2.1053, §24.238(a)	$\leq -13\text{ dBm/1MHz}$	PASS
Frequency Stability	§2.1055, §24.235	No limit	N/A



B4			
Item	FCC Rule No.	Requirements	Result
Effective (Isotropic) Radiated Power Output Data	§2.1046, §27.50(d)(4)	EIRP \leq 1 W	PASS
Peak-Average Ratio	§22.913(d)(5)	Limit \leq 13 dB	PASS
Bandwidth	§2.1049	OBW: No limit. EBW: No limit.	PASS
Band Edges Compliance	§2.1051, §27.53(h)(1) §27.53(h)(3)(i)	Refer to section 2.6	PASS
Spurious Emission at Antenna Terminals	§2.1051, §27.53(h)(1)	\leq -13 dBm/1MHz	PASS
Field Strength of Spurious Radiation	§2.1053, §27.53(h)(1)	\leq -13 dBm/1MHz.	PASS
Frequency Stability	§2.1055, §27.54	No limit	N/A

B5			
Item	FCC Rule No.	Requirements	Result
Effective (Isotropic) Radiated Power Output Data	§2.1046, §22.913(a)(5)	ERP \leq 7W	PASS
Peak-Average Ratio	N/A	N/A	N/A
Bandwidth	§2.1049	OBW: No limit EBW: No limit	PASS
Band Edges Compliance	§2.1051, §22.917(a)(b)	Refer to section 2.6	PASS
Spurious Emission at Antenna Terminals	§2.1051, §22.917(a)	\leq -13 dBm/1MHz	PASS
Field Strength of Spurious Radiation	§2.1053, §22.917(a)	\leq -13 dBm/1MHz	PASS
Frequency Stability	§2.1055, §22.355	\leq \pm 2.5ppm	PASS



B7 & B41			
Item	FCC Rule No.	Requirements	Result
Effective (Isotropic) Radiated Power Output Data	§2.1046, §27.50(h)(2)	EIRP \leq 2W	PASS
Peak-Average Ratio	N/A	N/A	N/A
Bandwidth	§2.1049	OBW: No limit EBW: No limit	PASS
Band Edges Compliance	§2.1051, §27.53(m)(4)	Refer to section 2.6	PASS
Spurious Emission at Antenna Terminals	§2.1051, §27.53(m)(4)	\leq -25 dBm/1MHz	PASS
Field Strength of Spurious Radiation	§2.1053, §27.53(m)(4)	\leq -25 dBm/1MHz	PASS
Frequency Stability	§2.1055, §27.54	No limit	N/A

B12&B17			
Item	FCC Rule No.	Requirements	Result
Effective (Isotropic) Radiated Power Output Data	§2.1046, §27.50(c)(10)	ERP \leq 3W	PASS
Peak-Average Ratio	N/A	N/A	N/A
Bandwidth	§2.1049	OBW: No limit EBW: No limit	PASS
Band Edges Compliance	§2.1051, §27.53(g)	Refer to section 2.6	PASS
Spurious Emission at Antenna Terminals	§2.1051, §27.53(g)	\leq -13 dBm/1MHz	PASS
Field Strength of Spurious Radiation	§2.1053, §27.53(g)	\leq -13 dBm/1MHz	PASS
Frequency Stability	§2.1055, §27.54	No limit	N/A



B40			
Item	FCC Rule No.	Requirements	Result
Effective (Isotropic) Radiated Power Output Data	§2.1046, §27.50(a)(3)	ERP \leq 250mW	PASS
Peak-Average Ratio	N/A	N/A	N/A
Bandwidth	§2.1049	OBW: No limit EBW: No limit	PASS
Band Edges Compliance	§2.1051, §27.53(a)	Refer to section 2.6	PASS
Spurious Emission at Antenna Terminals	§2.1051, §27.53	\leq -40 dBm/1MHz	PASS
Field Strength of Spurious Radiation	§2.1053, §27.53	\leq -40 dBm/1MHz	PASS
Frequency Stability	§2.1055, §27.54	No limit	N/A



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

Test Item	Test Date	Test Engineer	Result	Method Determination /Remark
Transmitter Conducted Output Power and E.R.P./E.I.R.P.	May 15, 2023	Chen Hao Li Huaijie	PASS	No deviation
Occupied Bandwidth	May 15, 2023	Li Huaijie	PASS	No deviation
Frequency Stability	May 15, 2023	Li Huaijie	PASS	No deviation
Peak to Average Radio	May 15, 2023	Li Huaijie	PASS	No deviation
Conducted Spurious Emissions	May 15, 2023	Li Huaijie	PASS	No deviation
Band Edge	May 15, 2023	Li Huaijie	PASS	No deviation
Radiated Spurious Emissions	Jun. 16, 2023	Li Hanbin	PASS	No deviation

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

Note 2: 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 3: 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. Summary Test Results And Description

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, Fixed, mobile and portable (hand-held) stations in the 1710-1755MHz band are limited to 1wat E.I.R.P.

According to FCC section22.913 (a)(2) for LTE Band 5, the E.R.P. of mobile transmitters and auxiliary test transmitters must not exceed 7 watts.

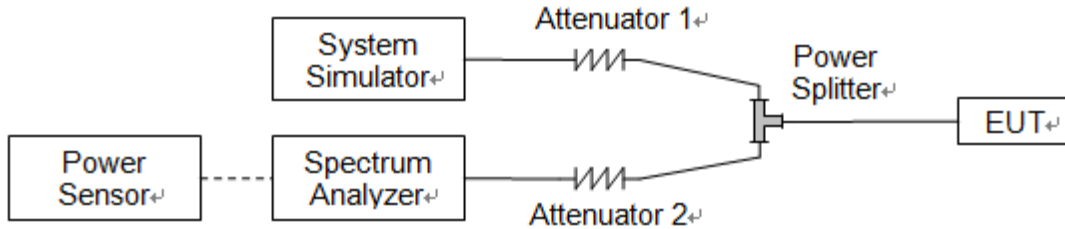
According to FCC section 27.50 (h)(2) for LTE Band 7/38/41, Mobile and other user stations. Mobile stations are limited to 2 watts E.I.R.P. All user stations are limited to 2 watts transmitter output power.

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

According to FCC section 27.50 (a)(3) for LTE Band 40, For mobile and portable stations transmitting in the 2305-2315 MHz band or the 2350-2360 MHz band, the average E.I.R.P. must not exceed 50 mill watts within any 1 megahertz of authorized bandwidth

Device	Maximum EIRP (dBm/10 megahertz)	Maximum PSD (dBm/MHz)
End User Device	23	n/a
Category A CBSD	30	20
Category B CBSD ¹	47	37

2.1.2. Test Description



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

2.1.3. Test Procedure

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

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

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



2.1.4. Result

Conducted Output Power

LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18700	18900	19100
Frequency (MHz)				1860	1880	1900
20	QPSK	1	0	21.84	21.95	21.82
20	QPSK	1	49	21.85	21.90	21.87
20	QPSK	1	99	21.73	21.69	21.70
20	QPSK	50	0	20.83	20.92	20.85
20	QPSK	50	24	20.77	20.90	20.73
20	QPSK	50	50	20.68	20.88	20.67
20	QPSK	100	0	20.71	20.75	20.72
20	16QAM	1	0	20.92	21.02	20.95
20	16QAM	1	49	20.69	20.83	20.83
20	16QAM	1	99	20.75	20.89	20.86
20	16QAM	50	0	20.01	20.04	20.00
20	16QAM	50	24	19.84	19.89	19.92
20	16QAM	50	50	19.93	19.95	19.92
20	16QAM	100	0	19.82	19.90	19.84
20	64QAM	1	0	19.94	20.02	19.92
20	64QAM	1	49	19.69	19.93	19.83
20	64QAM	1	99	19.75	19.86	19.81
20	64QAM	50	0	18.95	19.06	19.01
20	64QAM	50	24	18.83	18.84	18.79
20	64QAM	50	50	18.68	18.90	18.83
20	64QAM	100	0	18.70	18.88	18.74



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	21.76	21.92	21.84
15	QPSK	1	37	21.84	21.89	21.79
15	QPSK	1	74	21.83	21.84	21.61
15	QPSK	36	0	20.89	20.92	20.84
15	QPSK	36	20	20.84	20.77	20.85
15	QPSK	36	39	20.66	20.94	20.61
15	QPSK	75	0	20.69	20.87	20.63
15	16QAM	1	0	20.76	20.94	20.83
15	16QAM	1	37	20.62	20.76	20.90
15	16QAM	1	74	20.65	20.89	20.90
15	16QAM	36	0	19.88	19.92	19.98
15	16QAM	36	20	19.81	19.76	20.02
15	16QAM	36	39	19.99	19.85	19.79
15	16QAM	75	0	19.83	19.76	19.96
15	64QAM	1	0	19.91	19.83	19.80
15	64QAM	1	37	19.76	19.88	19.78
15	64QAM	1	74	19.71	19.72	19.66
15	64QAM	36	0	18.94	19.03	18.96
15	64QAM	36	20	18.63	18.89	18.72
15	64QAM	36	39	18.63	19.03	18.97
15	64QAM	75	0	18.60	18.72	18.80



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	21.65	21.89	21.88
10	QPSK	1	25	21.65	21.75	21.87
10	QPSK	1	49	21.69	21.80	21.53
10	QPSK	25	0	20.69	20.79	20.75
10	QPSK	25	12	20.83	20.83	20.87
10	QPSK	25	25	20.79	20.80	20.67
10	QPSK	50	0	20.64	20.79	20.79
10	16QAM	1	0	20.94	20.94	21.00
10	16QAM	1	25	20.80	20.84	20.72
10	16QAM	1	49	20.90	20.74	20.97
10	16QAM	25	0	20.11	19.95	19.91
10	16QAM	25	12	19.84	19.74	19.85
10	16QAM	25	25	20.05	19.91	19.94
10	16QAM	50	0	19.87	19.82	19.82
10	64QAM	1	0	19.85	19.87	19.85
10	64QAM	1	25	19.61	19.77	19.79
10	64QAM	1	49	19.71	19.68	19.95
10	64QAM	25	0	19.00	18.90	18.97
10	64QAM	25	12	18.93	18.65	18.65
10	64QAM	25	25	18.72	19.01	18.78
10	64QAM	50	0	18.80	18.87	18.71



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	21.79	21.90	21.78
5	QPSK	1	12	21.74	21.79	21.90
5	QPSK	1	24	21.63	21.82	21.77
5	QPSK	12	0	20.98	20.74	20.95
5	QPSK	12	7	20.77	20.83	20.56
5	QPSK	12	13	20.58	20.94	20.78
5	QPSK	25	0	20.76	20.67	20.64
5	16QAM	1	0	21.06	21.03	20.89
5	16QAM	1	12	20.75	20.92	20.72
5	16QAM	1	24	20.87	20.89	20.70
5	16QAM	12	0	19.94	19.85	19.82
5	16QAM	12	7	19.90	20.02	20.05
5	16QAM	12	13	19.76	19.89	19.75
5	16QAM	25	0	19.89	19.80	19.88
5	64QAM	1	0	19.91	20.01	19.85
5	64QAM	1	12	19.78	19.77	19.82
5	64QAM	1	24	19.65	19.93	19.94
5	64QAM	12	0	18.95	18.97	18.97
5	64QAM	12	7	18.76	18.90	18.88
5	64QAM	12	13	18.83	18.98	18.97
5	64QAM	25	0	18.79	18.99	18.69



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	21.78	21.91	21.63
3	QPSK	1	8	21.66	21.78	21.84
3	QPSK	1	14	21.54	21.67	21.66
3	QPSK	8	0	20.69	21.00	20.97
3	QPSK	8	4	20.67	20.92	20.68
3	QPSK	8	7	20.81	20.91	20.79
3	QPSK	15	0	20.70	20.67	20.78
3	16QAM	1	0	20.93	20.84	20.92
3	16QAM	1	8	20.61	20.72	20.63
3	16QAM	1	14	20.71	20.88	20.89
3	16QAM	8	0	20.02	20.00	19.88
3	16QAM	8	4	19.76	19.74	20.01
3	16QAM	8	7	19.91	19.96	19.78
3	16QAM	15	0	19.96	19.77	19.93
3	64QAM	1	0	20.03	19.88	19.97
3	64QAM	1	8	19.73	19.96	19.82
3	64QAM	1	14	19.77	19.89	19.61
3	64QAM	8	0	19.08	18.84	19.00
3	64QAM	8	4	18.72	18.88	18.89
3	64QAM	8	7	18.72	19.05	18.69
3	64QAM	15	0	18.62	18.72	18.83



LTE Band2						
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	21.86	21.90	21.73
1.4	QPSK	1	3	21.81	21.78	21.88
1.4	QPSK	1	5	21.85	21.72	21.55
1.4	QPSK	3	0	20.98	20.84	20.72
1.4	QPSK	3	1	20.76	20.89	20.78
1.4	QPSK	3	3	20.79	21.03	20.70
1.4	QPSK	6	0	20.55	20.70	20.58
1.4	16QAM	1	0	20.82	20.93	20.94
1.4	16QAM	1	3	20.73	20.98	20.87
1.4	16QAM	1	5	20.83	20.78	20.68
1.4	16QAM	3	0	19.99	19.92	19.92
1.4	16QAM	3	1	19.96	20.02	19.96
1.4	16QAM	3	3	19.79	19.75	20.03
1.4	16QAM	6	0	19.62	19.92	19.97
1.4	64QAM	1	0	19.87	19.96	19.99
1.4	64QAM	1	3	19.76	19.91	19.93
1.4	64QAM	1	5	19.86	20.00	19.68
1.4	64QAM	3	0	19.07	19.07	18.90
1.4	64QAM	3	1	18.75	18.74	18.69
1.4	64QAM	3	3	18.74	18.86	18.98
1.4	64QAM	6	0	18.56	18.75	18.73



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	21.60	21.68	21.57
20	QPSK	1	49	21.57	21.67	21.53
20	QPSK	1	99	21.61	21.55	21.59
20	QPSK	50	0	20.62	20.65	20.59
20	QPSK	50	24	20.57	20.60	20.49
20	QPSK	50	50	20.52	20.66	20.53
20	QPSK	100	0	20.46	20.40	20.37
20	16QAM	1	0	20.62	20.88	20.52
20	16QAM	1	49	20.52	20.48	20.60
20	16QAM	1	99	20.53	20.48	20.58
20	16QAM	50	0	19.59	19.59	19.56
20	16QAM	50	24	19.47	19.47	19.58
20	16QAM	50	50	19.57	19.66	19.78
20	16QAM	100	0	19.38	19.68	19.45
20	64QAM	1	0	19.67	19.86	19.73
20	64QAM	1	49	19.57	19.76	19.55
20	64QAM	1	99	19.62	19.53	19.66
20	64QAM	50	0	18.58	18.79	18.60
20	64QAM	50	24	18.60	18.52	18.52
20	64QAM	50	50	18.56	18.70	18.49
20	64QAM	100	0	18.55	18.63	18.39



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	21.60	21.65	21.57
15	QPSK	1	37	21.63	21.64	21.59
15	QPSK	1	74	21.60	21.55	21.60
15	QPSK	36	0	20.58	20.76	20.75
15	QPSK	36	20	20.60	20.54	20.40
15	QPSK	36	39	20.57	20.52	20.56
15	QPSK	75	0	20.38	20.61	20.61
15	16QAM	1	0	20.58	20.60	20.75
15	16QAM	1	37	20.54	20.54	20.45
15	16QAM	1	74	20.52	20.71	20.43
15	16QAM	36	0	19.76	19.83	19.70
15	16QAM	36	20	19.51	19.49	19.81
15	16QAM	36	39	19.54	19.68	19.75
15	16QAM	75	0	19.37	19.74	19.40
15	64QAM	1	0	19.82	19.62	19.78
15	64QAM	1	37	19.46	19.83	19.46
15	64QAM	1	74	19.57	19.46	19.41
15	64QAM	36	0	18.50	18.66	18.86
15	64QAM	36	20	18.59	18.67	18.47
15	64QAM	36	39	18.57	18.60	18.46
15	64QAM	75	0	18.55	18.77	18.59



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20000	20175	20350
Frequency (MHz)				1715	1732.5	1750
10	QPSK	1	0	21.60	21.66	21.59
10	QPSK	1	25	21.54	21.55	21.46
10	QPSK	1	49	21.52	21.46	21.49
10	QPSK	25	0	20.54	20.55	20.63
10	QPSK	25	12	20.67	20.68	20.45
10	QPSK	25	25	20.40	20.46	20.39
10	QPSK	50	0	20.53	20.57	20.52
10	16QAM	1	0	20.60	20.84	20.75
10	16QAM	1	25	20.58	20.67	20.45
10	16QAM	1	49	20.51	20.52	20.43
10	16QAM	25	0	19.73	19.62	19.77
10	16QAM	25	12	19.51	19.47	19.61
10	16QAM	25	25	19.50	19.56	19.53
10	16QAM	50	0	19.52	19.58	19.65
10	64QAM	1	0	19.76	19.57	19.60
10	64QAM	1	25	19.47	19.57	19.43
10	64QAM	1	49	19.58	19.46	19.68
10	64QAM	25	0	18.60	18.79	18.86
10	64QAM	25	12	18.51	18.68	18.62
10	64QAM	25	25	18.48	18.77	18.72
10	64QAM	50	0	18.59	18.76	18.51



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				19975	20175	20375
Frequency (MHz)				1712.5	1732.5	1752.5
5	QPSK	1	0	21.59	21.63	21.52
5	QPSK	1	12	21.62	21.54	21.47
5	QPSK	1	24	21.56	21.39	21.53
5	QPSK	12	0	20.72	20.82	20.54
5	QPSK	12	7	20.61	20.58	20.60
5	QPSK	12	13	20.52	20.70	20.49
5	QPSK	25	0	20.34	20.54	20.48
5	16QAM	1	0	20.66	20.80	20.78
5	16QAM	1	12	20.50	20.72	20.43
5	16QAM	1	24	20.44	20.74	20.58
5	16QAM	12	0	19.88	19.68	19.63
5	16QAM	12	7	19.70	19.73	19.55
5	16QAM	12	13	19.83	19.65	19.64
5	16QAM	25	0	19.50	19.53	19.64
5	64QAM	1	0	19.81	19.74	19.73
5	64QAM	1	12	19.44	19.50	19.73
5	64QAM	1	24	19.64	19.51	19.60
5	64QAM	12	0	18.61	18.67	18.58
5	64QAM	12	7	18.67	18.71	18.49
5	64QAM	12	13	18.53	18.49	18.43
5	64QAM	25	0	18.54	18.71	18.52



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	21.59	21.62	21.53
3	QPSK	1	8	21.52	21.53	21.59
3	QPSK	1	14	21.34	21.47	21.45
3	QPSK	8	0	20.38	20.65	20.63
3	QPSK	8	4	20.42	20.71	20.45
3	QPSK	8	7	20.45	20.57	20.47
3	QPSK	15	0	20.28	20.65	20.36
3	16QAM	1	0	20.80	20.57	20.79
3	16QAM	1	8	20.53	20.71	20.49
3	16QAM	1	14	20.56	20.66	20.76
3	16QAM	8	0	19.61	19.72	19.69
3	16QAM	8	4	19.64	19.61	19.69
3	16QAM	8	7	19.60	19.67	19.53
3	16QAM	15	0	19.54	19.80	19.48
3	64QAM	1	0	19.78	19.73	19.70
3	64QAM	1	8	19.53	19.81	19.47
3	64QAM	1	14	19.60	19.55	19.56
3	64QAM	8	0	18.52	18.68	18.71
3	64QAM	8	4	18.66	18.70	18.59
3	64QAM	8	7	18.64	18.79	18.58
3	64QAM	15	0	18.54	18.44	18.39



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	21.59	21.64	21.55
1.4	QPSK	1	3	21.44	21.55	21.52
1.4	QPSK	1	5	21.31	21.49	21.49
1.4	QPSK	3	0	20.69	20.56	20.65
1.4	QPSK	3	1	20.55	20.78	20.58
1.4	QPSK	3	3	20.50	20.77	20.66
1.4	QPSK	6	0	20.29	20.53	20.57
1.4	16QAM	1	0	20.63	20.64	20.76
1.4	16QAM	1	3	20.39	20.65	20.49
1.4	16QAM	1	5	20.54	20.66	20.53
1.4	16QAM	3	0	19.88	19.59	19.81
1.4	16QAM	3	1	19.74	19.52	19.67
1.4	16QAM	3	3	19.70	19.83	19.70
1.4	16QAM	6	0	19.42	19.59	19.51
1.4	64QAM	1	0	19.79	19.79	19.64
1.4	64QAM	1	3	19.55	19.56	19.60
1.4	64QAM	1	5	19.37	19.73	19.62
1.4	64QAM	3	0	18.62	18.64	18.82
1.4	64QAM	3	1	18.54	18.58	18.61
1.4	64QAM	3	3	18.59	18.55	18.58
1.4	64QAM	6	0	18.54	18.62	18.42



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	21.89	21.90	21.85
10	QPSK	1	25	21.71	21.89	21.75
10	QPSK	1	49	21.55	21.72	21.65
10	QPSK	25	0	20.83	20.92	20.85
10	QPSK	25	12	20.78	20.65	20.61
10	QPSK	25	25	20.66	20.84	20.74
10	QPSK	50	0	20.67	20.85	20.67
10	16QAM	1	0	20.83	20.79	20.94
10	16QAM	1	25	20.72	20.75	20.75
10	16QAM	1	49	20.74	20.84	20.73
10	16QAM	25	0	19.79	20.00	19.82
10	16QAM	25	12	19.74	19.84	19.71
10	16QAM	25	25	19.81	19.82	19.78
10	16QAM	50	0	19.66	19.86	19.75
10	64QAM	1	0	19.82	19.89	19.68
10	64QAM	1	25	19.62	19.98	19.86
10	64QAM	1	49	19.84	19.80	19.60
10	64QAM	25	0	18.93	18.96	18.91
10	64QAM	25	12	18.59	18.61	18.89
10	64QAM	25	25	18.69	18.83	18.69
10	64QAM	50	0	18.55	18.75	18.62



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	21.72	21.87	21.72
5	QPSK	1	12	21.77	21.78	21.69
5	QPSK	1	24	21.51	21.50	21.49
5	QPSK	12	0	20.84	20.88	20.78
5	QPSK	12	7	20.85	20.66	20.56
5	QPSK	12	13	20.56	20.95	20.53
5	QPSK	25	0	20.69	20.55	20.59
5	16QAM	1	0	20.75	20.85	20.78
5	16QAM	1	12	20.55	20.79	20.67
5	16QAM	1	24	20.77	20.68	20.66
5	16QAM	12	0	19.92	19.90	19.85
5	16QAM	12	7	19.69	19.83	19.81
5	16QAM	12	13	19.87	19.83	19.76
5	16QAM	25	0	19.67	19.79	19.89
5	64QAM	1	0	19.74	19.93	19.72
5	64QAM	1	12	19.68	19.91	19.61
5	64QAM	1	24	19.81	19.67	19.70
5	64QAM	12	0	18.93	18.95	18.83
5	64QAM	12	7	18.81	18.91	18.63
5	64QAM	12	13	18.56	18.79	18.60
5	64QAM	25	0	18.59	18.80	18.60



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	21.75	21.86	21.60
3	QPSK	1	8	21.82	21.77	21.75
3	QPSK	1	14	21.56	21.64	21.68
3	QPSK	8	0	20.77	20.86	20.68
3	QPSK	8	4	20.73	20.77	20.74
3	QPSK	8	7	20.69	20.95	20.58
3	QPSK	15	0	20.68	20.62	20.58
3	16QAM	1	0	20.81	20.78	20.85
3	16QAM	1	8	20.65	20.76	20.89
3	16QAM	1	14	20.62	20.91	20.76
3	16QAM	8	0	19.80	20.01	19.98
3	16QAM	8	4	19.62	19.98	19.73
3	16QAM	8	7	19.86	19.80	19.90
3	16QAM	15	0	19.87	19.98	19.77
3	64QAM	1	0	19.77	19.95	19.75
3	64QAM	1	8	19.61	19.91	19.79
3	64QAM	1	14	19.83	19.95	19.65
3	64QAM	8	0	18.94	18.85	18.98
3	64QAM	8	4	18.93	18.69	18.67
3	64QAM	8	7	18.59	18.73	18.79
3	64QAM	15	0	18.52	18.72	18.66



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	21.61	21.85	21.73
1.4	QPSK	1	3	21.81	21.78	21.65
1.4	QPSK	1	5	21.53	21.56	21.48
1.4	QPSK	3	0	20.77	20.70	20.69
1.4	QPSK	3	1	20.62	20.87	20.54
1.4	QPSK	3	3	20.58	20.70	20.54
1.4	QPSK	6	0	20.63	20.82	20.47
1.4	16QAM	1	0	20.94	20.88	20.87
1.4	16QAM	1	3	20.69	20.86	20.87
1.4	16QAM	1	5	20.74	20.94	20.63
1.4	16QAM	3	0	19.96	20.01	19.90
1.4	16QAM	3	1	19.85	19.86	19.76
1.4	16QAM	3	3	19.75	20.02	19.86
1.4	16QAM	6	0	19.84	19.93	19.61
1.4	64QAM	1	0	19.72	19.87	19.90
1.4	64QAM	1	3	19.53	19.79	19.91
1.4	64QAM	1	5	19.71	19.66	19.61
1.4	64QAM	3	0	18.90	18.81	18.90
1.4	64QAM	3	1	18.88	18.75	18.73
1.4	64QAM	3	3	18.68	18.94	18.61
1.4	64QAM	6	0	18.75	18.96	18.79



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	19.49	19.55	19.54
20	QPSK	1	49	19.35	19.47	19.41
20	QPSK	1	99	19.29	19.38	19.43
20	QPSK	50	0	18.45	18.54	18.49
20	QPSK	50	24	18.30	18.37	18.27
20	QPSK	50	50	18.27	18.28	18.42
20	QPSK	100	0	18.44	18.49	18.46
20	16QAM	1	0	18.65	18.58	18.56
20	16QAM	1	49	18.28	18.57	18.39
20	16QAM	1	99	18.44	18.29	18.44
20	16QAM	50	0	17.72	17.61	17.70
20	16QAM	50	24	17.40	17.47	17.45
20	16QAM	50	50	17.44	17.58	17.43
20	16QAM	100	0	17.39	17.30	17.57
20	64QAM	1	0	17.47	17.63	17.63
20	64QAM	1	49	17.30	17.54	17.47
20	64QAM	1	99	17.38	17.55	17.30
20	64QAM	50	0	16.63	16.69	16.62
20	64QAM	50	24	16.46	16.34	16.42
20	64QAM	50	50	16.41	16.42	16.33
20	64QAM	100	0	16.40	16.61	16.41



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	19.45	19.52	19.44
15	QPSK	1	37	19.46	19.46	19.46
15	QPSK	1	74	19.38	19.34	19.32
15	QPSK	36	0	18.46	18.61	18.52
15	QPSK	36	20	18.40	18.61	18.42
15	QPSK	36	39	18.33	18.40	18.54
15	QPSK	75	0	18.36	18.44	18.42
15	16QAM	1	0	18.65	18.55	18.59
15	16QAM	1	37	18.33	18.50	18.52
15	16QAM	1	74	18.41	18.62	18.60
15	16QAM	36	0	17.67	17.60	17.72
15	16QAM	36	20	17.49	17.58	17.40
15	16QAM	36	39	17.52	17.42	17.33
15	16QAM	75	0	17.42	17.58	17.38
15	64QAM	1	0	17.57	17.72	17.46
15	64QAM	1	37	17.44	17.35	17.35
15	64QAM	1	74	17.31	17.53	17.28
15	64QAM	36	0	16.51	16.60	16.44
15	64QAM	36	20	16.45	16.42	16.34
15	64QAM	36	39	16.32	16.44	16.32
15	64QAM	75	0	16.39	16.61	16.32



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	19.45	19.51	19.49
10	QPSK	1	25	19.42	19.40	19.43
10	QPSK	1	49	19.49	19.46	19.41
10	QPSK	25	0	18.45	18.56	18.35
10	QPSK	25	12	18.33	18.44	18.40
10	QPSK	25	25	18.39	18.48	18.36
10	QPSK	50	0	18.38	18.49	18.50
10	16QAM	1	0	18.48	18.45	18.58
10	16QAM	1	25	18.31	18.52	18.46
10	16QAM	1	49	18.48	18.55	18.52
10	16QAM	25	0	17.68	17.55	17.65
10	16QAM	25	12	17.50	17.51	17.40
10	16QAM	25	25	17.42	17.54	17.62
10	16QAM	50	0	17.56	17.47	17.54
10	64QAM	1	0	17.53	17.57	17.43
10	64QAM	1	25	17.24	17.54	17.37
10	64QAM	1	49	17.33	17.40	17.45
10	64QAM	25	0	16.36	16.66	16.49
10	64QAM	25	12	16.57	16.32	16.46
10	64QAM	25	25	16.37	16.51	16.34
10	64QAM	50	0	16.40	16.36	16.44



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	19.36	19.49	19.43
5	QPSK	1	12	19.47	19.42	19.27
5	QPSK	1	24	19.30	19.31	19.25
5	QPSK	12	0	18.39	18.49	18.34
5	QPSK	12	7	18.22	18.63	18.34
5	QPSK	12	13	18.28	18.53	18.32
5	QPSK	25	0	18.44	18.18	18.26
5	16QAM	1	0	18.58	18.60	18.50
5	16QAM	1	12	18.36	18.29	18.43
5	16QAM	1	24	18.47	18.56	18.26
5	16QAM	12	0	17.63	17.51	17.43
5	16QAM	12	7	17.27	17.47	17.47
5	16QAM	12	13	17.35	17.55	17.47
5	16QAM	25	0	17.38	17.60	17.57
5	64QAM	1	0	17.35	17.42	17.58
5	64QAM	1	12	17.37	17.41	17.34
5	64QAM	1	24	17.34	17.39	17.36
5	64QAM	12	0	16.40	16.52	16.63
5	64QAM	12	7	16.25	16.34	16.34
5	64QAM	12	13	16.27	16.33	16.46
5	64QAM	25	0	16.50	16.43	16.39



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				23060	23095	23130
Frequency (MHz)				704	707.5	711
10	QPSK	1	0	21.75	21.83	21.77
10	QPSK	1	25	21.72	21.61	21.66
10	QPSK	1	49	21.68	21.65	21.53
10	QPSK	25	0	20.66	20.89	20.84
10	QPSK	25	12	20.71	20.84	20.58
10	QPSK	25	25	20.67	20.88	20.46
10	QPSK	50	0	20.56	20.54	20.49
10	16QAM	1	0	20.85	20.85	20.78
10	16QAM	1	25	20.60	20.62	20.48
10	16QAM	1	49	20.60	20.68	20.73
10	16QAM	25	0	19.84	19.80	19.82
10	16QAM	25	12	19.59	19.66	19.83
10	16QAM	25	25	19.70	19.75	19.64
10	16QAM	50	0	19.49	19.87	19.52
10	64QAM	1	0	19.77	19.92	19.76
10	64QAM	1	25	19.59	19.61	19.61
10	64QAM	1	49	19.69	19.79	19.63
10	64QAM	25	0	18.66	18.76	18.76
10	64QAM	25	12	18.59	18.67	18.63
10	64QAM	25	25	18.52	18.63	18.77
10	64QAM	50	0	18.54	18.76	18.52



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	21.72	21.80	21.70
5	QPSK	1	12	21.67	21.76	21.77
5	QPSK	1	24	21.57	21.64	21.62
5	QPSK	12	0	20.71	20.70	20.65
5	QPSK	12	7	20.57	20.64	20.52
5	QPSK	12	13	20.59	20.79	20.50
5	QPSK	25	0	20.67	20.63	20.69
5	16QAM	1	0	20.77	20.70	20.69
5	16QAM	1	12	20.58	20.53	20.76
5	16QAM	1	24	20.59	20.54	20.56
5	16QAM	12	0	19.76	19.72	19.79
5	16QAM	12	7	19.79	19.57	19.71
5	16QAM	12	13	19.88	19.75	19.69
5	16QAM	25	0	19.47	19.76	19.68
5	64QAM	1	0	19.70	19.71	19.73
5	64QAM	1	12	19.45	19.72	19.66
5	64QAM	1	24	19.71	19.85	19.49
5	64QAM	12	0	18.70	18.72	18.81
5	64QAM	12	7	18.80	18.71	18.54
5	64QAM	12	13	18.55	18.59	18.49
5	64QAM	25	0	18.66	18.62	18.45



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	21.57	21.79	21.68
3	QPSK	1	8	21.62	21.80	21.67
3	QPSK	1	14	21.63	21.69	21.64
3	QPSK	8	0	20.66	20.77	20.74
3	QPSK	8	4	20.75	20.71	20.58
3	QPSK	8	7	20.61	20.67	20.54
3	QPSK	15	0	20.37	20.46	20.57
3	16QAM	1	0	20.59	20.79	20.79
3	16QAM	1	8	20.63	20.50	20.66
3	16QAM	1	14	20.62	20.86	20.60
3	16QAM	8	0	19.68	19.79	19.80
3	16QAM	8	4	19.51	19.83	19.72
3	16QAM	8	7	19.69	19.86	19.64
3	16QAM	15	0	19.73	19.65	19.58
3	64QAM	1	0	19.64	19.72	19.71
3	64QAM	1	8	19.48	19.80	19.62
3	64QAM	1	14	19.68	19.76	19.76
3	64QAM	8	0	18.66	18.78	18.84
3	64QAM	8	4	18.74	18.76	18.71
3	64QAM	8	7	18.62	18.60	18.80
3	64QAM	15	0	18.67	18.85	18.71



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	21.71	21.76	21.75
1.4	QPSK	1	3	21.64	21.59	21.54
1.4	QPSK	1	5	21.64	21.69	21.63
1.4	QPSK	3	0	20.58	20.64	20.58
1.4	QPSK	3	1	20.62	20.59	20.57
1.4	QPSK	3	3	20.59	20.62	20.62
1.4	QPSK	6	0	20.64	20.64	20.38
1.4	16QAM	1	0	20.58	20.88	20.66
1.4	16QAM	1	3	20.67	20.48	20.77
1.4	16QAM	1	5	20.67	20.54	20.63
1.4	16QAM	3	0	19.68	19.77	19.65
1.4	16QAM	3	1	19.54	19.63	19.75
1.4	16QAM	3	3	19.68	19.70	19.64
1.4	16QAM	6	0	19.73	19.65	19.83
1.4	64QAM	1	0	19.73	19.72	19.78
1.4	64QAM	1	3	19.58	19.64	19.69
1.4	64QAM	1	5	19.67	19.62	19.53
1.4	64QAM	3	0	18.67	18.79	18.80
1.4	64QAM	3	1	18.64	18.65	18.66
1.4	64QAM	3	3	18.58	18.65	18.69
1.4	64QAM	6	0	18.59	18.57	18.55



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	21.67	21.75	21.67
10	QPSK	1	25	21.70	21.68	21.48
10	QPSK	1	49	21.62	21.61	21.50
10	QPSK	25	0	20.71	20.78	20.53
10	QPSK	25	12	20.65	20.69	20.56
10	QPSK	25	25	20.46	20.48	20.54
10	QPSK	50	0	20.58	20.66	20.58
10	16QAM	1	0	20.60	20.71	20.60
10	16QAM	1	25	20.59	20.44	20.54
10	16QAM	1	49	20.61	20.58	20.48
10	16QAM	25	0	19.76	19.65	19.60
10	16QAM	25	12	19.50	19.66	19.56
10	16QAM	25	25	19.71	19.61	19.85
10	16QAM	50	0	19.59	19.62	19.49
10	64QAM	1	0	19.78	19.84	19.73
10	64QAM	1	25	19.59	19.77	19.53
10	64QAM	1	49	19.40	19.53	19.54
10	64QAM	25	0	18.82	18.73	18.85
10	64QAM	25	12	18.59	18.57	18.55
10	64QAM	25	25	18.48	18.76	18.58
10	64QAM	50	0	18.67	18.80	18.63



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	21.65	21.73	21.69
5	QPSK	1	12	21.53	21.63	21.62
5	QPSK	1	24	21.44	21.53	21.60
5	QPSK	12	0	20.64	20.64	20.80
5	QPSK	12	7	20.64	20.80	20.54
5	QPSK	12	13	20.46	20.63	20.63
5	QPSK	25	0	20.43	20.51	20.62
5	16QAM	1	0	20.61	20.75	20.65
5	16QAM	1	12	20.58	20.70	20.67
5	16QAM	1	24	20.67	20.81	20.67
5	16QAM	12	0	19.73	19.72	19.75
5	16QAM	12	7	19.58	19.56	19.72
5	16QAM	12	13	19.63	19.69	19.81
5	16QAM	25	0	19.65	19.80	19.52
5	64QAM	1	0	19.59	19.80	19.86
5	64QAM	1	12	19.55	19.72	19.63
5	64QAM	1	24	19.70	19.64	19.76
5	64QAM	12	0	18.82	18.84	18.76
5	64QAM	12	7	18.60	18.64	18.50
5	64QAM	12	13	18.40	18.59	18.47
5	64QAM	25	0	18.61	18.51	18.56



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	21.64	21.70	21.62
20	QPSK	1	49	21.55	21.61	21.60
20	QPSK	1	99	21.57	21.58	21.55
20	QPSK	50	0	20.77	20.84	20.56
20	QPSK	50	24	20.59	20.60	20.64
20	QPSK	50	50	20.52	20.53	20.52
20	QPSK	100	0	20.64	20.56	20.60
20	16QAM	1	0	20.82	20.81	20.70
20	16QAM	1	49	20.59	20.62	20.69
20	16QAM	1	99	20.57	20.69	20.73
20	16QAM	50	0	19.74	19.75	19.81
20	16QAM	50	24	19.65	19.72	19.52
20	16QAM	50	50	19.56	19.78	19.61
20	16QAM	100	0	19.59	19.69	19.58
20	64QAM	1	0	19.60	19.70	19.61
20	64QAM	1	49	19.62	19.63	19.59
20	64QAM	1	99	19.58	19.80	19.66
20	64QAM	50	0	18.74	18.81	18.80
20	64QAM	50	24	18.52	18.61	18.47
20	64QAM	50	50	18.61	18.72	18.55
20	64QAM	100	0	18.58	18.75	18.50



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	21.58	21.59	21.65
15	QPSK	1	37	21.56	21.56	21.53
15	QPSK	1	74	21.66	21.60	21.64
15	QPSK	36	0	20.77	20.61	20.66
15	QPSK	36	20	20.65	20.73	20.57
15	QPSK	36	39	20.60	20.65	20.59
15	QPSK	75	0	20.58	20.69	20.54
15	16QAM	1	0	20.76	20.93	20.78
15	16QAM	1	37	20.35	20.59	20.55
15	16QAM	1	74	20.61	20.66	20.60
15	16QAM	36	0	19.66	19.88	19.81
15	16QAM	36	20	19.72	19.77	19.76
15	16QAM	36	39	19.64	19.75	19.72
15	16QAM	75	0	19.59	19.50	19.57
15	64QAM	1	0	19.80	19.79	19.62
15	64QAM	1	37	19.35	19.77	19.73
15	64QAM	1	74	19.63	19.50	19.58
15	64QAM	36	0	18.68	18.68	18.61
15	64QAM	36	20	18.47	18.70	18.74
15	64QAM	36	39	18.53	18.71	18.57
15	64QAM	75	0	18.46	18.78	18.51



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	21.56	21.60	21.57
10	QPSK	1	25	21.59	21.62	21.63
10	QPSK	1	49	21.63	21.60	21.64
10	QPSK	25	0	20.70	20.61	20.55
10	QPSK	25	12	20.57	20.77	20.56
10	QPSK	25	25	20.52	20.48	20.43
10	QPSK	50	0	20.42	20.42	20.58
10	16QAM	1	0	20.78	20.87	20.71
10	16QAM	1	25	20.54	20.59	20.54
10	16QAM	1	49	20.63	20.55	20.66
10	16QAM	25	0	19.75	19.72	19.82
10	16QAM	25	12	19.59	19.73	19.64
10	16QAM	25	25	19.86	19.58	19.57
10	16QAM	50	0	19.68	19.76	19.71
10	64QAM	1	0	19.89	19.70	19.53
10	64QAM	1	25	19.56	19.73	19.72
10	64QAM	1	49	19.60	19.73	19.76
10	64QAM	25	0	18.68	18.82	18.81
10	64QAM	25	12	18.70	18.77	18.46
10	64QAM	25	25	18.55	18.85	18.57
10	64QAM	50	0	18.63	18.77	18.46



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	21.57	21.62	21.62
5	QPSK	1	12	21.55	21.61	21.65
5	QPSK	1	24	21.60	21.57	21.63
5	QPSK	12	0	20.64	20.79	20.76
5	QPSK	12	7	20.70	20.71	20.54
5	QPSK	12	13	20.50	20.52	20.53
5	QPSK	25	0	20.61	20.67	20.50
5	16QAM	1	0	20.75	20.80	20.87
5	16QAM	1	12	20.52	20.72	20.63
5	16QAM	1	24	20.63	20.76	20.78
5	16QAM	12	0	19.76	19.67	19.60
5	16QAM	12	7	19.66	19.82	19.62
5	16QAM	12	13	19.87	19.62	19.79
5	16QAM	25	0	19.64	19.57	19.78
5	64QAM	1	0	19.75	19.80	19.55
5	64QAM	1	12	19.60	19.62	19.59
5	64QAM	1	24	19.56	19.50	19.72
5	64QAM	12	0	18.81	18.84	18.70
5	64QAM	12	7	18.61	18.67	18.73
5	64QAM	12	13	18.55	18.81	18.68
5	64QAM	25	0	18.53	18.68	18.50



LTE Band 40, Block A						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				/	38750	/
Frequency (MHz)				/	2310	/
10	QPSK	1	0	/	14.48	/
10	QPSK	1	25	/	14.45	/
10	QPSK	1	49	/	14.38	/
10	QPSK	25	0	/	13.42	/
10	QPSK	25	12	/	13.40	/
10	QPSK	25	25	/	13.38	/
10	QPSK	50	0	/	13.41	/
10	16QAM	1	0	/	13.38	/
10	16QAM	1	25	/	13.36	/
10	16QAM	1	49	/	13.34	/
10	16QAM	25	0	/	12.44	/
10	16QAM	25	12	/	12.42	/
10	16QAM	25	25	/	12.40	/
10	16QAM	50	0	/	12.45	/
10	64QAM	1	0	/	12.46	/
10	64QAM	1	25	/	12.45	/
10	64QAM	1	49	/	12.41	/
10	64QAM	25	0	/	11.47	/
10	64QAM	25	12	/	11.43	/
10	64QAM	25	25	/	11.45	/
10	64QAM	50	0	/	11.44	/



LTE Band 40, Block A						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				38725	38750	38775
Frequency (MHz)				2307.5	2310	2312.5
5	QPSK	1	0	14.38	14.42	14.32
5	QPSK	1	12	14.33	14.38	14.37
5	QPSK	1	24	14.35	14.41	14.47
5	QPSK	12	0	13.22	13.35	13.55
5	QPSK	12	7	13.34	13.39	13.21
5	QPSK	12	13	13.40	13.43	13.42
5	QPSK	25	0	13.38	13.21	13.21
5	16QAM	1	0	13.43	13.18	13.48
5	16QAM	1	12	13.39	13.37	13.25
5	16QAM	1	24	13.43	13.22	13.14
5	16QAM	12	0	12.52	12.43	12.26
5	16QAM	12	7	12.25	12.52	12.26
5	16QAM	12	13	12.28	12.28	12.30
5	16QAM	25	0	12.26	12.43	12.25
5	64QAM	1	0	12.42	12.30	12.38
5	64QAM	1	12	12.53	12.26	12.41
5	64QAM	1	24	12.52	12.29	12.53
5	64QAM	12	0	11.50	11.39	11.35
5	64QAM	12	7	11.25	11.24	11.28
5	64QAM	12	13	11.28	11.45	11.41
5	64QAM	25	0	11.44	11.39	11.58



LTE Band 40, Block B						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				/	39200	/
Frequency (MHz)				/	2355	/
10	QPSK	1	0	/	14.46	/
10	QPSK	1	25	/	14.41	/
10	QPSK	1	49	/	14.38	/
10	QPSK	25	0	/	13.40	/
10	QPSK	25	12	/	13.41	/
10	QPSK	25	25	/	13.38	/
10	QPSK	50	0	/	13.46	/
10	16QAM	1	0	/	13.55	/
10	16QAM	1	25	/	13.54	/
10	16QAM	1	49	/	13.51	/
10	16QAM	25	0	/	12.48	/
10	16QAM	25	12	/	12.43	/
10	16QAM	25	25	/	12.47	/
10	16QAM	50	0	/	12.42	/
10	64QAM	1	0	/	12.46	/
10	64QAM	1	25	/	12.45	/
10	64QAM	1	49	/	12.41	/
10	64QAM	25	0	/	11.45	/
10	64QAM	25	12	/	11.42	/
10	64QAM	25	25	/	11.44	/
10	64QAM	50	0	/	11.48	/



LTE Band 40, Block B						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39175	39200	39225
Frequency (MHz)				2352.5	2355	2357.5
5	QPSK	1	0	14.40	14.42	14.33
5	QPSK	1	12	14.25	14.32	14.32
5	QPSK	1	24	14.40	14.43	14.24
5	QPSK	12	0	13.36	13.47	13.40
5	QPSK	12	7	13.45	13.51	13.53
5	QPSK	12	13	13.27	13.31	13.28
5	QPSK	25	0	13.38	13.48	13.31
5	16QAM	1	0	13.34	13.30	13.32
5	16QAM	1	12	13.40	13.26	13.20
5	16QAM	1	24	13.19	13.42	13.39
5	16QAM	12	0	12.36	12.52	12.39
5	16QAM	12	7	12.33	12.46	12.56
5	16QAM	12	13	12.38	12.23	12.36
5	16QAM	25	0	12.44	12.53	12.51
5	64QAM	1	0	12.44	12.45	12.44
5	64QAM	1	12	12.56	12.36	12.38
5	64QAM	1	24	12.29	12.45	12.25
5	64QAM	12	0	11.30	11.39	11.58
5	64QAM	12	7	11.37	11.44	11.34
5	64QAM	12	13	11.36	11.60	11.50
5	64QAM	25	0	11.57	11.28	11.29



LTE Band 41						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39750	40620	41490
Frequency (MHz)				2506	2593	2680
20	QPSK	1	0	22.64	22.86	22.76
20	QPSK	1	49	22.69	22.73	22.57
20	QPSK	1	99	22.61	22.67	22.58
20	QPSK	50	0	21.81	21.90	21.74
20	QPSK	50	24	21.63	21.72	21.74
20	QPSK	50	50	21.57	21.74	21.75
20	QPSK	100	0	21.67	21.86	22.01
20	16QAM	1	0	21.62	21.75	21.50
20	16QAM	1	49	21.76	21.65	21.71
20	16QAM	1	99	21.75	21.64	21.59
20	16QAM	50	0	20.88	20.65	20.66
20	16QAM	50	24	20.52	20.71	20.57
20	16QAM	50	50	20.73	20.62	20.69
20	16QAM	100	0	20.50	20.45	20.71
20	64QAM	1	0	20.68	20.86	20.84
20	64QAM	1	49	20.54	20.56	20.75
20	64QAM	1	99	20.71	20.67	20.63
20	64QAM	50	0	19.85	19.69	19.61
20	64QAM	50	24	19.63	19.85	19.59
20	64QAM	50	50	19.71	19.80	19.74
20	64QAM	100	0	19.71	19.82	19.62



LTE Band 41						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39725	40620	41515
Frequency (MHz)				2503.5	2593	2682.5
15	QPSK	1	0	22.63	22.85	22.64
15	QPSK	1	37	22.64	22.65	22.70
15	QPSK	1	74	22.67	22.58	22.60
15	QPSK	36	0	21.78	21.85	21.86
15	QPSK	36	20	21.64	21.61	21.63
15	QPSK	36	39	21.74	21.68	21.75
15	QPSK	75	0	21.73	21.77	21.83
15	16QAM	1	0	21.74	21.70	21.69
15	16QAM	1	37	21.56	21.62	21.73
15	16QAM	1	74	21.76	21.61	21.63
15	16QAM	36	0	20.81	20.73	20.65
15	16QAM	36	20	20.59	20.62	20.47
15	16QAM	36	39	20.75	20.55	20.64
15	16QAM	75	0	20.58	20.69	20.57
15	64QAM	1	0	20.68	20.81	20.70
15	64QAM	1	37	20.56	20.58	20.66
15	64QAM	1	74	20.86	20.63	20.71
15	64QAM	36	0	19.67	19.61	19.82
15	64QAM	36	20	19.58	19.61	19.61
15	64QAM	36	39	19.57	19.78	19.83
15	64QAM	75	0	19.73	19.80	19.81



LTE Band 41						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39700	40620	41540
Frequency (MHz)				2501	2593	2685
10	QPSK	1	0	22.61	22.83	22.61
10	QPSK	1	25	22.61	22.77	22.59
10	QPSK	1	49	22.62	22.67	22.51
10	QPSK	25	0	21.62	21.90	21.86
10	QPSK	25	12	21.52	21.72	21.73
10	QPSK	25	25	21.69	21.52	21.68
10	QPSK	50	0	21.56	21.88	21.66
10	16QAM	1	0	21.65	21.68	21.53
10	16QAM	1	25	21.57	21.70	21.73
10	16QAM	1	49	21.49	21.67	21.50
10	16QAM	25	0	20.63	20.65	20.83
10	16QAM	25	12	20.64	20.70	20.76
10	16QAM	25	25	20.60	20.73	20.67
10	16QAM	50	0	20.50	20.49	20.69
10	64QAM	1	0	20.82	20.78	20.93
10	64QAM	1	25	20.60	20.67	20.74
10	64QAM	1	49	20.71	20.92	20.72
10	64QAM	25	0	19.86	19.67	19.59
10	64QAM	25	12	19.80	19.74	19.80
10	64QAM	25	25	19.59	19.91	19.80
10	64QAM	50	0	19.73	19.61	19.52



LTE Band 41						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39675	40620	41565
Frequency (MHz)				2498.5	2593	2687.5
5	QPSK	1	0	22.78	22.80	22.71
5	QPSK	1	12	22.64	22.62	22.75
5	QPSK	1	24	22.57	22.58	22.64
5	QPSK	12	0	21.85	21.76	21.86
5	QPSK	12	7	21.56	21.63	21.79
5	QPSK	12	13	21.58	21.74	21.80
5	QPSK	25	0	21.56	21.97	21.63
5	16QAM	1	0	21.66	21.72	21.65
5	16QAM	1	12	21.59	21.57	21.52
5	16QAM	1	24	21.53	21.47	21.71
5	16QAM	12	0	20.75	20.64	20.75
5	16QAM	12	7	20.66	20.74	20.55
5	16QAM	12	13	20.73	20.56	20.81
5	16QAM	25	0	20.52	20.71	20.68
5	64QAM	1	0	20.89	20.84	20.70
5	64QAM	1	12	20.70	20.74	20.76
5	64QAM	1	24	20.80	20.93	20.75
5	64QAM	12	0	19.63	19.63	19.78
5	64QAM	12	7	19.59	19.55	19.76
5	64QAM	12	13	19.64	19.60	19.89
5	64QAM	25	0	19.59	19.82	19.58



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	22.94	0.197	23.05	0.202	22.92	0.196
20	QPSK	1	49	22.95	0.197	23.00	0.200	22.97	0.198
20	QPSK	1	99	22.83	0.192	22.79	0.190	22.80	0.191
20	QPSK	50	0	21.93	0.156	22.02	0.159	21.95	0.157
20	QPSK	50	24	21.87	0.154	22.00	0.158	21.83	0.152
20	QPSK	50	50	21.78	0.151	21.98	0.158	21.77	0.150
20	QPSK	100	0	21.81	0.152	21.85	0.153	21.82	0.152
20	16QAM	1	0	22.02	0.159	22.12	0.163	22.05	0.160
20	16QAM	1	49	21.79	0.151	21.93	0.156	21.93	0.156
20	16QAM	1	99	21.85	0.153	21.99	0.158	21.96	0.157
20	16QAM	50	0	21.11	0.129	21.14	0.130	21.10	0.129
20	16QAM	50	24	20.94	0.124	20.99	0.126	21.02	0.126
20	16QAM	50	50	21.03	0.127	21.05	0.127	21.02	0.126
20	16QAM	100	0	20.92	0.124	21.00	0.126	20.94	0.124
20	64QAM	1	0	21.04	0.127	21.12	0.129	21.02	0.126
20	64QAM	1	49	20.79	0.120	21.03	0.127	20.93	0.124
20	64QAM	1	99	20.85	0.122	20.96	0.125	20.91	0.123
20	64QAM	50	0	20.05	0.101	20.16	0.104	20.11	0.103
20	64QAM	50	24	19.93	0.098	19.94	0.099	19.89	0.097
20	64QAM	50	50	19.78	0.095	20.00	0.100	19.93	0.098
20	64QAM	100	0	19.80	0.095	19.98	0.100	19.84	0.096



LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18675		18900		19125	
Frequency (MHz)				1857.5		1880		1902.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	22.86	0.193	23.02	0.200	22.94	0.197
15	QPSK	1	37	22.94	0.197	22.99	0.199	22.89	0.195
15	QPSK	1	74	22.93	0.196	22.94	0.197	22.71	0.187
15	QPSK	36	0	21.99	0.158	22.02	0.159	21.94	0.156
15	QPSK	36	20	21.94	0.156	21.87	0.154	21.95	0.157
15	QPSK	36	39	21.76	0.150	22.04	0.160	21.71	0.148
15	QPSK	75	0	21.79	0.151	21.97	0.157	21.73	0.149
15	16QAM	1	0	21.86	0.153	22.04	0.160	21.93	0.156
15	16QAM	1	37	21.72	0.149	21.86	0.153	22.00	0.158
15	16QAM	1	74	21.75	0.150	21.99	0.158	22.00	0.158
15	16QAM	36	0	20.98	0.125	21.02	0.126	21.08	0.128
15	16QAM	36	20	20.91	0.123	20.86	0.122	21.12	0.129
15	16QAM	36	39	21.09	0.129	20.95	0.124	20.89	0.123
15	16QAM	75	0	20.93	0.124	20.86	0.122	21.06	0.128
15	64QAM	1	0	21.01	0.126	20.93	0.124	20.90	0.123
15	64QAM	1	37	20.86	0.122	20.98	0.125	20.88	0.122
15	64QAM	1	74	20.81	0.121	20.82	0.121	20.76	0.119
15	64QAM	36	0	20.04	0.101	20.13	0.103	20.06	0.101
15	64QAM	36	20	19.73	0.094	19.99	0.100	19.82	0.096
15	64QAM	36	39	19.73	0.094	20.13	0.103	20.07	0.102
15	64QAM	75	0	19.70	0.093	19.82	0.096	19.90	0.098



LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18650		18900		19150	
Frequency (MHz)				1855		1880		1905	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	22.75	0.188	22.99	0.199	22.98	0.199
10	QPSK	1	25	22.75	0.188	22.85	0.193	22.97	0.198
10	QPSK	1	49	22.79	0.190	22.90	0.195	22.63	0.183
10	QPSK	25	0	21.79	0.151	21.89	0.155	21.85	0.153
10	QPSK	25	12	21.93	0.156	21.93	0.156	21.97	0.157
10	QPSK	25	25	21.89	0.155	21.90	0.155	21.77	0.150
10	QPSK	50	0	21.74	0.149	21.89	0.155	21.89	0.155
10	16QAM	1	0	22.04	0.160	22.04	0.160	22.10	0.162
10	16QAM	1	25	21.90	0.155	21.94	0.156	21.82	0.152
10	16QAM	1	49	22.00	0.158	21.84	0.153	22.07	0.161
10	16QAM	25	0	21.21	0.132	21.05	0.127	21.01	0.126
10	16QAM	25	12	20.94	0.124	20.84	0.121	20.95	0.124
10	16QAM	25	25	21.15	0.130	21.01	0.126	21.04	0.127
10	16QAM	50	0	20.97	0.125	20.92	0.124	20.92	0.124
10	64QAM	1	0	20.95	0.124	20.97	0.125	20.95	0.124
10	64QAM	1	25	20.71	0.118	20.87	0.122	20.89	0.123
10	64QAM	1	49	20.81	0.121	20.78	0.120	21.05	0.127
10	64QAM	25	0	20.10	0.102	20.00	0.100	20.07	0.102
10	64QAM	25	12	20.03	0.101	19.75	0.094	19.75	0.094
10	64QAM	25	25	19.82	0.096	20.11	0.103	19.88	0.097
10	64QAM	50	0	19.90	0.098	19.97	0.099	19.81	0.096



LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18625		18900		19175	
Frequency (MHz)				1852.5		1880		1907.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	22.89	0.195	23.00	0.200	22.88	0.194
5	QPSK	1	12	22.84	0.192	22.89	0.195	23.00	0.200
5	QPSK	1	24	22.73	0.187	22.92	0.196	22.87	0.194
5	QPSK	12	0	22.08	0.161	21.84	0.153	22.05	0.160
5	QPSK	12	7	21.87	0.154	21.93	0.156	21.66	0.147
5	QPSK	12	13	21.68	0.147	22.04	0.160	21.88	0.154
5	QPSK	25	0	21.86	0.153	21.77	0.150	21.74	0.149
5	16QAM	1	0	22.16	0.164	22.13	0.163	21.99	0.158
5	16QAM	1	12	21.85	0.153	22.02	0.159	21.82	0.152
5	16QAM	1	24	21.97	0.157	21.99	0.158	21.80	0.151
5	16QAM	12	0	21.04	0.127	20.95	0.124	20.92	0.124
5	16QAM	12	7	21.00	0.126	21.12	0.129	21.15	0.130
5	16QAM	12	13	20.86	0.122	20.99	0.126	20.85	0.122
5	16QAM	25	0	20.99	0.126	20.90	0.123	20.98	0.125
5	64QAM	1	0	21.01	0.126	21.11	0.129	20.95	0.124
5	64QAM	1	12	20.88	0.122	20.87	0.122	20.92	0.124
5	64QAM	1	24	20.75	0.119	21.03	0.127	21.04	0.127
5	64QAM	12	0	20.05	0.101	20.07	0.102	20.07	0.102
5	64QAM	12	7	19.86	0.097	20.00	0.100	19.98	0.100
5	64QAM	12	13	19.93	0.098	20.08	0.102	20.07	0.102
5	64QAM	25	0	19.89	0.097	20.09	0.102	19.79	0.095



LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18615		18900		19185	
Frequency (MHz)				1851.5		1880		1908.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	22.88	0.194	23.01	0.200	22.73	0.187
3	QPSK	1	8	22.76	0.189	22.88	0.194	22.94	0.197
3	QPSK	1	14	22.64	0.184	22.77	0.189	22.76	0.189
3	QPSK	8	0	21.79	0.151	22.10	0.162	22.07	0.161
3	QPSK	8	4	21.77	0.150	22.02	0.159	21.78	0.151
3	QPSK	8	7	21.91	0.155	22.01	0.159	21.89	0.155
3	QPSK	15	0	21.80	0.151	21.77	0.150	21.88	0.154
3	16QAM	1	0	22.03	0.160	21.94	0.156	22.02	0.159
3	16QAM	1	8	21.71	0.148	21.82	0.152	21.73	0.149
3	16QAM	1	14	21.81	0.152	21.98	0.158	21.99	0.158
3	16QAM	8	0	21.12	0.129	21.10	0.129	20.98	0.125
3	16QAM	8	4	20.86	0.122	20.84	0.121	21.11	0.129
3	16QAM	8	7	21.01	0.126	21.06	0.128	20.88	0.122
3	16QAM	15	0	21.06	0.128	20.87	0.122	21.03	0.127
3	64QAM	1	0	21.13	0.130	20.98	0.125	21.07	0.128
3	64QAM	1	8	20.83	0.121	21.06	0.128	20.92	0.124
3	64QAM	1	14	20.87	0.122	20.99	0.126	20.71	0.118
3	64QAM	8	0	20.18	0.104	19.94	0.099	20.10	0.102
3	64QAM	8	4	19.82	0.096	19.98	0.100	19.99	0.100
3	64QAM	8	7	19.82	0.096	20.15	0.104	19.79	0.095
3	64QAM	15	0	19.72	0.094	19.82	0.096	19.93	0.098



LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18607		18900		19193	
Frequency (MHz)				1850.7		1880		1909.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	22.96	0.198	23.00	0.200	22.83	0.192
1.4	QPSK	1	3	22.91	0.195	22.88	0.194	22.98	0.199
1.4	QPSK	1	5	22.95	0.197	22.82	0.191	22.65	0.184
1.4	QPSK	3	0	22.08	0.161	21.94	0.156	21.82	0.152
1.4	QPSK	3	1	21.86	0.153	21.99	0.158	21.88	0.154
1.4	QPSK	3	3	21.89	0.155	22.13	0.163	21.80	0.151
1.4	QPSK	6	0	21.65	0.146	21.80	0.151	21.68	0.147
1.4	16QAM	1	0	21.92	0.156	22.03	0.160	22.04	0.160
1.4	16QAM	1	3	21.83	0.152	22.08	0.161	21.97	0.157
1.4	16QAM	1	5	21.93	0.156	21.88	0.154	21.78	0.151
1.4	16QAM	3	0	21.09	0.129	21.02	0.126	21.02	0.126
1.4	16QAM	3	1	21.06	0.128	21.12	0.129	21.06	0.128
1.4	16QAM	3	3	20.89	0.123	20.85	0.122	21.13	0.130
1.4	16QAM	6	0	20.72	0.118	21.02	0.126	21.07	0.128
1.4	64QAM	1	0	20.97	0.125	21.06	0.128	21.09	0.129
1.4	64QAM	1	3	20.86	0.122	21.01	0.126	21.03	0.127
1.4	64QAM	1	5	20.96	0.125	21.10	0.129	20.78	0.120
1.4	64QAM	3	0	20.17	0.104	20.17	0.104	20.00	0.100
1.4	64QAM	3	1	19.85	0.097	19.84	0.096	19.79	0.095
1.4	64QAM	3	3	19.84	0.096	19.96	0.099	20.08	0.102
1.4	64QAM	6	0	19.66	0.092	19.85	0.097	19.83	0.096



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20050		20175		20300	
Frequency (MHz)				1720		1732.5		1745	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	23.80	0.240	23.88	0.244	23.77	0.238
20	QPSK	1	49	23.77	0.238	23.87	0.244	23.73	0.236
20	QPSK	1	99	23.81	0.240	23.75	0.237	23.79	0.239
20	QPSK	50	0	22.82	0.191	22.85	0.193	22.79	0.190
20	QPSK	50	24	22.77	0.189	22.80	0.191	22.69	0.186
20	QPSK	50	50	22.72	0.187	22.86	0.193	22.73	0.187
20	QPSK	100	0	22.66	0.185	22.60	0.182	22.57	0.181
20	16QAM	1	0	22.82	0.191	23.08	0.203	22.72	0.187
20	16QAM	1	49	22.72	0.187	22.68	0.185	22.80	0.191
20	16QAM	1	99	22.73	0.187	22.68	0.185	22.78	0.190
20	16QAM	50	0	21.79	0.151	21.79	0.151	21.76	0.150
20	16QAM	50	24	21.67	0.147	21.67	0.147	21.78	0.151
20	16QAM	50	50	21.77	0.150	21.86	0.153	21.98	0.158
20	16QAM	100	0	21.58	0.144	21.88	0.154	21.65	0.146
20	64QAM	1	0	21.87	0.154	22.06	0.161	21.93	0.156
20	64QAM	1	49	21.77	0.150	21.96	0.157	21.75	0.150
20	64QAM	1	99	21.82	0.152	21.73	0.149	21.86	0.153
20	64QAM	50	0	20.78	0.120	20.99	0.126	20.80	0.120
20	64QAM	50	24	20.80	0.120	20.72	0.118	20.72	0.118
20	64QAM	50	50	20.76	0.119	20.90	0.123	20.69	0.117
20	64QAM	100	0	20.75	0.119	20.83	0.121	20.59	0.115



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	23.80	0.240	23.85	0.243	23.77	0.238
15	QPSK	1	37	23.83	0.242	23.84	0.242	23.79	0.239
15	QPSK	1	74	23.80	0.240	23.75	0.237	23.80	0.240
15	QPSK	36	0	22.78	0.190	22.96	0.198	22.95	0.197
15	QPSK	36	20	22.80	0.191	22.74	0.188	22.60	0.182
15	QPSK	36	39	22.77	0.189	22.72	0.187	22.76	0.189
15	QPSK	75	0	22.58	0.181	22.81	0.191	22.81	0.191
15	16QAM	1	0	22.78	0.190	22.80	0.191	22.95	0.197
15	16QAM	1	37	22.74	0.188	22.74	0.188	22.65	0.184
15	16QAM	1	74	22.72	0.187	22.91	0.195	22.63	0.183
15	16QAM	36	0	21.96	0.157	22.03	0.160	21.90	0.155
15	16QAM	36	20	21.71	0.148	21.69	0.148	22.01	0.159
15	16QAM	36	39	21.74	0.149	21.88	0.154	21.95	0.157
15	16QAM	75	0	21.57	0.144	21.94	0.156	21.60	0.145
15	64QAM	1	0	22.02	0.159	21.82	0.152	21.98	0.158
15	64QAM	1	37	21.66	0.147	22.03	0.160	21.66	0.147
15	64QAM	1	74	21.77	0.150	21.66	0.147	21.61	0.145
15	64QAM	36	0	20.70	0.117	20.86	0.122	21.06	0.128
15	64QAM	36	20	20.79	0.120	20.87	0.122	20.67	0.117
15	64QAM	36	39	20.77	0.119	20.80	0.120	20.66	0.116
15	64QAM	75	0	20.75	0.119	20.97	0.125	20.79	0.120



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20000		20175		20350	
Frequency (MHz)				1715		1732.5		1750	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	23.80	0.240	23.86	0.243	23.79	0.239
10	QPSK	1	25	23.74	0.237	23.75	0.237	23.66	0.232
10	QPSK	1	49	23.72	0.236	23.66	0.232	23.69	0.234
10	QPSK	25	0	22.74	0.188	22.75	0.188	22.83	0.192
10	QPSK	25	12	22.87	0.194	22.88	0.194	22.65	0.184
10	QPSK	25	25	22.60	0.182	22.66	0.185	22.59	0.182
10	QPSK	50	0	22.73	0.187	22.77	0.189	22.72	0.187
10	16QAM	1	0	22.80	0.191	23.04	0.201	22.95	0.197
10	16QAM	1	25	22.78	0.190	22.87	0.194	22.65	0.184
10	16QAM	1	49	22.71	0.187	22.72	0.187	22.63	0.183
10	16QAM	25	0	21.93	0.156	21.82	0.152	21.97	0.157
10	16QAM	25	12	21.71	0.148	21.67	0.147	21.81	0.152
10	16QAM	25	25	21.70	0.148	21.76	0.150	21.73	0.149
10	16QAM	50	0	21.72	0.149	21.78	0.151	21.85	0.153
10	64QAM	1	0	21.96	0.157	21.77	0.150	21.80	0.151
10	64QAM	1	25	21.67	0.147	21.77	0.150	21.63	0.146
10	64QAM	1	49	21.78	0.151	21.66	0.147	21.88	0.154
10	64QAM	25	0	20.80	0.120	20.99	0.126	21.06	0.128
10	64QAM	25	12	20.71	0.118	20.88	0.122	20.82	0.121
10	64QAM	25	25	20.68	0.117	20.97	0.125	20.92	0.124
10	64QAM	50	0	20.79	0.120	20.96	0.125	20.71	0.118



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	23.79	0.239	23.83	0.242	23.72	0.236
5	QPSK	1	12	23.82	0.241	23.74	0.237	23.67	0.233
5	QPSK	1	24	23.76	0.238	23.59	0.229	23.73	0.236
5	QPSK	12	0	22.92	0.196	23.02	0.200	22.74	0.188
5	QPSK	12	7	22.81	0.191	22.78	0.190	22.80	0.191
5	QPSK	12	13	22.72	0.187	22.90	0.195	22.69	0.186
5	QPSK	25	0	22.54	0.179	22.74	0.188	22.68	0.185
5	16QAM	1	0	22.86	0.193	23.00	0.200	22.98	0.199
5	16QAM	1	12	22.70	0.186	22.92	0.196	22.63	0.183
5	16QAM	1	24	22.64	0.184	22.94	0.197	22.78	0.190
5	16QAM	12	0	22.08	0.161	21.88	0.154	21.83	0.152
5	16QAM	12	7	21.90	0.155	21.93	0.156	21.75	0.150
5	16QAM	12	13	22.03	0.160	21.85	0.153	21.84	0.153
5	16QAM	25	0	21.70	0.148	21.73	0.149	21.84	0.153
5	64QAM	1	0	22.01	0.159	21.94	0.156	21.93	0.156
5	64QAM	1	12	21.64	0.146	21.70	0.148	21.93	0.156
5	64QAM	1	24	21.84	0.153	21.71	0.148	21.80	0.151
5	64QAM	12	0	20.81	0.121	20.87	0.122	20.78	0.120
5	64QAM	12	7	20.87	0.122	20.91	0.123	20.69	0.117
5	64QAM	12	13	20.73	0.118	20.69	0.117	20.63	0.116
5	64QAM	25	0	20.74	0.119	20.91	0.123	20.72	0.118



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	23.79	0.239	23.82	0.241	23.73	0.236
3	QPSK	1	8	23.72	0.236	23.73	0.236	23.79	0.239
3	QPSK	1	14	23.54	0.226	23.67	0.233	23.65	0.232
3	QPSK	8	0	22.58	0.181	22.85	0.193	22.83	0.192
3	QPSK	8	4	22.62	0.183	22.91	0.195	22.65	0.184
3	QPSK	8	7	22.65	0.184	22.77	0.189	22.67	0.185
3	QPSK	15	0	22.48	0.177	22.85	0.193	22.56	0.180
3	16QAM	1	0	23.00	0.200	22.77	0.189	22.99	0.199
3	16QAM	1	8	22.73	0.187	22.91	0.195	22.69	0.186
3	16QAM	1	14	22.76	0.189	22.86	0.193	22.96	0.198
3	16QAM	8	0	21.81	0.152	21.92	0.156	21.89	0.155
3	16QAM	8	4	21.84	0.153	21.81	0.152	21.89	0.155
3	16QAM	8	7	21.80	0.151	21.87	0.154	21.73	0.149
3	16QAM	15	0	21.74	0.149	22.00	0.158	21.68	0.147
3	64QAM	1	0	21.98	0.158	21.93	0.156	21.90	0.155
3	64QAM	1	8	21.73	0.149	22.01	0.159	21.67	0.147
3	64QAM	1	14	21.80	0.151	21.75	0.150	21.76	0.150
3	64QAM	8	0	20.72	0.118	20.88	0.122	20.91	0.123
3	64QAM	8	4	20.86	0.122	20.90	0.123	20.79	0.120
3	64QAM	8	7	20.84	0.121	20.99	0.126	20.78	0.120
3	64QAM	15	0	20.74	0.119	20.64	0.116	20.59	0.115



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	23.79	0.239	23.84	0.242	23.75	0.237
1.4	QPSK	1	3	23.64	0.231	23.75	0.237	23.72	0.236
1.4	QPSK	1	5	23.51	0.224	23.69	0.234	23.69	0.234
1.4	QPSK	3	0	22.89	0.195	22.76	0.189	22.85	0.193
1.4	QPSK	3	1	22.75	0.188	22.98	0.199	22.78	0.190
1.4	QPSK	3	3	22.70	0.186	22.97	0.198	22.86	0.193
1.4	QPSK	6	0	22.49	0.177	22.73	0.187	22.77	0.189
1.4	16QAM	1	0	22.83	0.192	22.84	0.192	22.96	0.198
1.4	16QAM	1	3	22.59	0.182	22.85	0.193	22.69	0.186
1.4	16QAM	1	5	22.74	0.188	22.86	0.193	22.73	0.187
1.4	16QAM	3	0	22.08	0.161	21.79	0.151	22.01	0.159
1.4	16QAM	3	1	21.94	0.156	21.72	0.149	21.87	0.154
1.4	16QAM	3	3	21.90	0.155	22.03	0.160	21.90	0.155
1.4	16QAM	6	0	21.62	0.145	21.79	0.151	21.71	0.148
1.4	64QAM	1	0	21.99	0.158	21.99	0.158	21.84	0.153
1.4	64QAM	1	3	21.75	0.150	21.76	0.150	21.80	0.151
1.4	64QAM	1	5	21.57	0.144	21.93	0.156	21.82	0.152
1.4	64QAM	3	0	20.82	0.121	20.84	0.121	21.02	0.126
1.4	64QAM	3	1	20.74	0.119	20.78	0.120	20.81	0.121
1.4	64QAM	3	3	20.79	0.120	20.75	0.119	20.78	0.120
1.4	64QAM	6	0	20.74	0.119	20.82	0.121	20.62	0.115



LTE Band 5				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20450		20525		20600	
Frequency (MHz)				829		836.5		844	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	19.14	0.082	19.15	0.082	19.10	0.081
10	QPSK	1	25	18.96	0.079	19.14	0.082	19.00	0.079
10	QPSK	1	49	18.80	0.076	18.97	0.079	18.90	0.078
10	QPSK	25	0	18.08	0.064	18.17	0.066	18.10	0.065
10	QPSK	25	12	18.03	0.064	17.90	0.062	17.86	0.061
10	QPSK	25	25	17.91	0.062	18.09	0.064	17.99	0.063
10	QPSK	50	0	17.92	0.062	18.10	0.065	17.92	0.062
10	16QAM	1	0	18.08	0.064	18.04	0.064	18.19	0.066
10	16QAM	1	25	17.97	0.063	18.00	0.063	18.00	0.063
10	16QAM	1	49	17.99	0.063	18.09	0.064	17.98	0.063
10	16QAM	25	0	17.04	0.051	17.25	0.053	17.07	0.051
10	16QAM	25	12	16.99	0.050	17.09	0.051	16.96	0.050
10	16QAM	25	25	17.06	0.051	17.07	0.051	17.03	0.050
10	16QAM	50	0	16.91	0.049	17.11	0.051	17.00	0.050
10	64QAM	1	0	17.07	0.051	17.14	0.052	16.93	0.049
10	64QAM	1	25	16.87	0.049	17.23	0.053	17.11	0.051
10	64QAM	1	49	17.09	0.051	17.05	0.051	16.85	0.048
10	64QAM	25	0	16.18	0.041	16.21	0.042	16.16	0.041
10	64QAM	25	12	15.84	0.038	15.86	0.039	16.14	0.041
10	64QAM	25	25	15.94	0.039	16.08	0.041	15.94	0.039
10	64QAM	50	0	15.80	0.038	16.00	0.040	15.87	0.039



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	18.97	0.079	19.12	0.082	18.97	0.079
5	QPSK	1	12	19.02	0.080	19.03	0.080	18.94	0.078
5	QPSK	1	24	18.76	0.075	18.75	0.075	18.74	0.075
5	QPSK	12	0	18.09	0.064	18.13	0.065	18.03	0.064
5	QPSK	12	7	18.10	0.065	17.91	0.062	17.81	0.060
5	QPSK	12	13	17.81	0.060	18.20	0.066	17.78	0.060
5	QPSK	25	0	17.94	0.062	17.80	0.060	17.84	0.061
5	16QAM	1	0	18.00	0.063	18.10	0.065	18.03	0.064
5	16QAM	1	12	17.80	0.060	18.04	0.064	17.92	0.062
5	16QAM	1	24	18.02	0.063	17.93	0.062	17.91	0.062
5	16QAM	12	0	17.17	0.052	17.15	0.052	17.10	0.051
5	16QAM	12	7	16.94	0.049	17.08	0.051	17.06	0.051
5	16QAM	12	13	17.12	0.052	17.08	0.051	17.01	0.050
5	16QAM	25	0	16.92	0.049	17.04	0.051	17.14	0.052
5	64QAM	1	0	16.99	0.050	17.18	0.052	16.97	0.050
5	64QAM	1	12	16.93	0.049	17.16	0.052	16.86	0.049
5	64QAM	1	24	17.06	0.051	16.92	0.049	16.95	0.050
5	64QAM	12	0	16.18	0.041	16.20	0.042	16.08	0.041
5	64QAM	12	7	16.06	0.040	16.16	0.041	15.88	0.039
5	64QAM	12	13	15.81	0.038	16.04	0.040	15.85	0.038
5	64QAM	25	0	15.84	0.038	16.05	0.040	15.85	0.038



LTE Band 5				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20415		20525		20635	
Frequency (MHz)				825.5		836.5		847.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	19.00	0.079	19.11	0.081	18.85	0.077
3	QPSK	1	8	19.07	0.081	19.02	0.080	19.00	0.079
3	QPSK	1	14	18.81	0.076	18.89	0.077	18.93	0.078
3	QPSK	8	0	18.02	0.063	18.11	0.065	17.93	0.062
3	QPSK	8	4	17.98	0.063	18.02	0.063	17.99	0.063
3	QPSK	8	7	17.94	0.062	18.20	0.066	17.83	0.061
3	QPSK	15	0	17.93	0.062	17.87	0.061	17.83	0.061
3	16QAM	1	0	18.06	0.064	18.03	0.064	18.10	0.065
3	16QAM	1	8	17.90	0.062	18.01	0.063	18.14	0.065
3	16QAM	1	14	17.87	0.061	18.16	0.065	18.01	0.063
3	16QAM	8	0	17.05	0.051	17.26	0.053	17.23	0.053
3	16QAM	8	4	16.87	0.049	17.23	0.053	16.98	0.050
3	16QAM	8	7	17.11	0.051	17.05	0.051	17.15	0.052
3	16QAM	15	0	17.12	0.052	17.23	0.053	17.02	0.050
3	64QAM	1	0	17.02	0.050	17.20	0.052	17.00	0.050
3	64QAM	1	8	16.86	0.049	17.16	0.052	17.04	0.051
3	64QAM	1	14	17.08	0.051	17.20	0.052	16.90	0.049
3	64QAM	8	0	16.19	0.042	16.10	0.041	16.23	0.042
3	64QAM	8	4	16.18	0.041	15.94	0.039	15.92	0.039
3	64QAM	8	7	15.84	0.038	15.98	0.040	16.04	0.040
3	64QAM	15	0	15.77	0.038	15.97	0.040	15.91	0.039



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	18.86	0.077	19.10	0.081	18.98	0.079
1.4	QPSK	1	3	19.06	0.081	19.03	0.080	18.90	0.078
1.4	QPSK	1	5	18.78	0.076	18.81	0.076	18.73	0.075
1.4	QPSK	3	0	18.02	0.063	17.95	0.062	17.94	0.062
1.4	QPSK	3	1	17.87	0.061	18.12	0.065	17.79	0.060
1.4	QPSK	3	3	17.83	0.061	17.95	0.062	17.79	0.060
1.4	QPSK	6	0	17.88	0.061	18.07	0.064	17.72	0.059
1.4	16QAM	1	0	18.19	0.066	18.13	0.065	18.12	0.065
1.4	16QAM	1	3	17.94	0.062	18.11	0.065	18.12	0.065
1.4	16QAM	1	5	17.99	0.063	18.19	0.066	17.88	0.061
1.4	16QAM	3	0	17.21	0.053	17.26	0.053	17.15	0.052
1.4	16QAM	3	1	17.10	0.051	17.11	0.051	17.01	0.050
1.4	16QAM	3	3	17.00	0.050	17.27	0.053	17.11	0.051
1.4	16QAM	6	0	17.09	0.051	17.18	0.052	16.86	0.049
1.4	64QAM	1	0	16.97	0.050	17.12	0.052	17.15	0.052
1.4	64QAM	1	3	16.78	0.048	17.04	0.051	17.16	0.052
1.4	64QAM	1	5	16.96	0.050	16.91	0.049	16.86	0.049
1.4	64QAM	3	0	16.15	0.041	16.06	0.040	16.15	0.041
1.4	64QAM	3	1	16.13	0.041	16.00	0.040	15.98	0.040
1.4	64QAM	3	3	15.93	0.039	16.19	0.042	15.86	0.039
1.4	64QAM	6	0	16.00	0.040	16.21	0.042	16.04	0.040



LTE Band 7				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20850		21100		21350	
Frequency (MHz)				2510		2535		2560	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	21.29	0.135	21.35	0.136	21.34	0.136
20	QPSK	1	49	21.15	0.130	21.27	0.134	21.21	0.132
20	QPSK	1	99	21.09	0.129	21.18	0.131	21.23	0.133
20	QPSK	50	0	20.25	0.106	20.34	0.108	20.29	0.107
20	QPSK	50	24	20.10	0.102	20.17	0.104	20.07	0.102
20	QPSK	50	50	20.07	0.102	20.08	0.102	20.22	0.105
20	QPSK	100	0	20.24	0.106	20.29	0.107	20.26	0.106
20	16QAM	1	0	20.45	0.111	20.38	0.109	20.36	0.109
20	16QAM	1	49	20.08	0.102	20.37	0.109	20.19	0.104
20	16QAM	1	99	20.24	0.106	20.09	0.102	20.24	0.106
20	16QAM	50	0	19.52	0.090	19.41	0.087	19.50	0.089
20	16QAM	50	24	19.20	0.083	19.27	0.085	19.25	0.084
20	16QAM	50	50	19.24	0.084	19.38	0.087	19.23	0.084
20	16QAM	100	0	19.19	0.083	19.10	0.081	19.37	0.086
20	64QAM	1	0	19.27	0.085	19.43	0.088	19.43	0.088
20	64QAM	1	49	19.10	0.081	19.34	0.086	19.27	0.085
20	64QAM	1	99	19.18	0.083	19.35	0.086	19.10	0.081
20	64QAM	50	0	18.43	0.070	18.49	0.071	18.42	0.070
20	64QAM	50	24	18.26	0.067	18.14	0.065	18.22	0.066
20	64QAM	50	50	18.21	0.066	18.22	0.066	18.13	0.065
20	64QAM	100	0	18.20	0.066	18.41	0.069	18.21	0.066



LTE Band 7				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20825		21100		21375	
Frequency (MHz)				2507.5		2535		2562.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	21.25	0.133	21.32	0.136	21.24	0.133
15	QPSK	1	37	21.26	0.134	21.26	0.134	21.26	0.134
15	QPSK	1	74	21.18	0.131	21.14	0.130	21.12	0.129
15	QPSK	36	0	20.26	0.106	20.41	0.110	20.32	0.108
15	QPSK	36	20	20.20	0.105	20.41	0.110	20.22	0.105
15	QPSK	36	39	20.13	0.103	20.20	0.105	20.34	0.108
15	QPSK	75	0	20.16	0.104	20.24	0.106	20.22	0.105
15	16QAM	1	0	20.45	0.111	20.35	0.108	20.39	0.109
15	16QAM	1	37	20.13	0.103	20.30	0.107	20.32	0.108
15	16QAM	1	74	20.21	0.105	20.42	0.110	20.40	0.110
15	16QAM	36	0	19.47	0.089	19.40	0.087	19.52	0.090
15	16QAM	36	20	19.29	0.085	19.38	0.087	19.20	0.083
15	16QAM	36	39	19.32	0.086	19.22	0.084	19.13	0.082
15	16QAM	75	0	19.22	0.084	19.38	0.087	19.18	0.083
15	64QAM	1	0	19.37	0.086	19.52	0.090	19.26	0.084
15	64QAM	1	37	19.24	0.084	19.15	0.082	19.15	0.082
15	64QAM	1	74	19.11	0.081	19.33	0.086	19.08	0.081
15	64QAM	36	0	18.31	0.068	18.40	0.069	18.24	0.067
15	64QAM	36	20	18.25	0.067	18.22	0.066	18.14	0.065
15	64QAM	36	39	18.12	0.065	18.24	0.067	18.12	0.065
15	64QAM	75	0	18.19	0.066	18.41	0.069	18.12	0.065



LTE Band 7				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20800		21100		21400	
Frequency (MHz)				2505		2535		2565	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	21.25	0.133	21.31	0.135	21.29	0.135
10	QPSK	1	25	21.22	0.132	21.20	0.132	21.23	0.133
10	QPSK	1	49	21.29	0.135	21.26	0.134	21.21	0.132
10	QPSK	25	0	20.25	0.106	20.36	0.109	20.15	0.104
10	QPSK	25	12	20.13	0.103	20.24	0.106	20.20	0.105
10	QPSK	25	25	20.19	0.104	20.28	0.107	20.16	0.104
10	QPSK	50	0	20.18	0.104	20.29	0.107	20.30	0.107
10	16QAM	1	0	20.28	0.107	20.25	0.106	20.38	0.109
10	16QAM	1	25	20.11	0.103	20.32	0.108	20.26	0.106
10	16QAM	1	49	20.28	0.107	20.35	0.108	20.32	0.108
10	16QAM	25	0	19.48	0.089	19.35	0.086	19.45	0.088
10	16QAM	25	12	19.30	0.085	19.31	0.085	19.20	0.083
10	16QAM	25	25	19.22	0.084	19.34	0.086	19.42	0.087
10	16QAM	50	0	19.36	0.086	19.27	0.085	19.34	0.086
10	64QAM	1	0	19.33	0.086	19.37	0.086	19.23	0.084
10	64QAM	1	25	19.04	0.080	19.34	0.086	19.17	0.083
10	64QAM	1	49	19.13	0.082	19.20	0.083	19.25	0.084
10	64QAM	25	0	18.16	0.065	18.46	0.070	18.29	0.067
10	64QAM	25	12	18.37	0.069	18.12	0.065	18.26	0.067
10	64QAM	25	25	18.17	0.066	18.31	0.068	18.14	0.065
10	64QAM	50	0	18.20	0.066	18.16	0.065	18.24	0.067



LTE Band 7				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20775		21100		21425	
Frequency (MHz)				2502.5		2535		2567.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	21.16	0.131	21.29	0.135	21.23	0.133
5	QPSK	1	12	21.27	0.134	21.22	0.132	21.07	0.128
5	QPSK	1	24	21.10	0.129	21.11	0.129	21.05	0.127
5	QPSK	12	0	20.19	0.104	20.29	0.107	20.14	0.103
5	QPSK	12	7	20.02	0.100	20.43	0.110	20.14	0.103
5	QPSK	12	13	20.08	0.102	20.33	0.108	20.12	0.103
5	QPSK	25	0	20.24	0.106	19.98	0.100	20.06	0.101
5	16QAM	1	0	20.38	0.109	20.40	0.110	20.30	0.107
5	16QAM	1	12	20.16	0.104	20.09	0.102	20.23	0.105
5	16QAM	1	24	20.27	0.106	20.36	0.109	20.06	0.101
5	16QAM	12	0	19.43	0.088	19.31	0.085	19.23	0.084
5	16QAM	12	7	19.07	0.081	19.27	0.085	19.27	0.085
5	16QAM	12	13	19.15	0.082	19.35	0.086	19.27	0.085
5	16QAM	25	0	19.18	0.083	19.40	0.087	19.37	0.086
5	64QAM	1	0	19.15	0.082	19.22	0.084	19.38	0.087
5	64QAM	1	12	19.17	0.083	19.21	0.083	19.14	0.082
5	64QAM	1	24	19.14	0.082	19.19	0.083	19.16	0.082
5	64QAM	12	0	18.20	0.066	18.32	0.068	18.43	0.070
5	64QAM	12	7	18.05	0.064	18.14	0.065	18.14	0.065
5	64QAM	12	13	18.07	0.064	18.13	0.065	18.26	0.067
5	64QAM	25	0	18.30	0.068	18.23	0.067	18.19	0.066



LTE Band 12				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23060		23095		23130	
Frequency (MHz)				704		707.5		711	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	19.00	0.079	19.08	0.081	19.02	0.080
10	QPSK	1	25	18.97	0.079	18.86	0.077	18.91	0.078
10	QPSK	1	49	18.93	0.078	18.90	0.078	18.78	0.076
10	QPSK	25	0	17.91	0.062	18.14	0.065	18.09	0.064
10	QPSK	25	12	17.96	0.063	18.09	0.064	17.83	0.061
10	QPSK	25	25	17.92	0.062	18.13	0.065	17.71	0.059
10	QPSK	50	0	17.81	0.060	17.79	0.060	17.74	0.059
10	16QAM	1	0	18.10	0.065	18.10	0.065	18.03	0.064
10	16QAM	1	25	17.85	0.061	17.87	0.061	17.73	0.059
10	16QAM	1	49	17.85	0.061	17.93	0.062	17.98	0.063
10	16QAM	25	0	17.09	0.051	17.05	0.051	17.07	0.051
10	16QAM	25	12	16.84	0.048	16.91	0.049	17.08	0.051
10	16QAM	25	25	16.95	0.050	17.00	0.050	16.89	0.049
10	16QAM	50	0	16.74	0.047	17.12	0.052	16.77	0.048
10	64QAM	1	0	17.02	0.050	17.17	0.052	17.01	0.050
10	64QAM	1	25	16.84	0.048	16.86	0.049	16.86	0.049
10	64QAM	1	49	16.94	0.049	17.04	0.051	16.88	0.049
10	64QAM	25	0	15.91	0.039	16.01	0.040	16.01	0.040
10	64QAM	25	12	15.84	0.038	15.92	0.039	15.88	0.039
10	64QAM	25	25	15.77	0.038	15.88	0.039	16.02	0.040
10	64QAM	50	0	15.79	0.038	16.01	0.040	15.77	0.038



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	18.97	0.079	19.05	0.080	18.95	0.079
5	QPSK	1	12	18.92	0.078	19.01	0.080	19.02	0.080
5	QPSK	1	24	18.82	0.076	18.89	0.077	18.87	0.077
5	QPSK	12	0	17.96	0.063	17.95	0.062	17.90	0.062
5	QPSK	12	7	17.82	0.061	17.89	0.062	17.77	0.060
5	QPSK	12	13	17.84	0.061	18.04	0.064	17.75	0.060
5	QPSK	25	0	17.92	0.062	17.88	0.061	17.94	0.062
5	16QAM	1	0	18.02	0.063	17.95	0.062	17.94	0.062
5	16QAM	1	12	17.83	0.061	17.78	0.060	18.01	0.063
5	16QAM	1	24	17.84	0.061	17.79	0.060	17.81	0.060
5	16QAM	12	0	17.01	0.050	16.97	0.050	17.04	0.051
5	16QAM	12	7	17.04	0.051	16.82	0.048	16.96	0.050
5	16QAM	12	13	17.13	0.052	17.00	0.050	16.94	0.049
5	16QAM	25	0	16.72	0.047	17.01	0.050	16.93	0.049
5	64QAM	1	0	16.95	0.050	16.96	0.050	16.98	0.050
5	64QAM	1	12	16.70	0.047	16.97	0.050	16.91	0.049
5	64QAM	1	24	16.96	0.050	17.10	0.051	16.74	0.047
5	64QAM	12	0	15.95	0.039	15.97	0.040	16.06	0.040
5	64QAM	12	7	16.05	0.040	15.96	0.039	15.79	0.038
5	64QAM	12	13	15.80	0.038	15.84	0.038	15.74	0.037
5	64QAM	25	0	15.91	0.039	15.87	0.039	15.70	0.037



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	18.82	0.076	19.04	0.080	18.93	0.078
3	QPSK	1	8	18.87	0.077	19.05	0.080	18.92	0.078
3	QPSK	1	14	18.88	0.077	18.94	0.078	18.89	0.077
3	QPSK	8	0	17.91	0.062	18.02	0.063	17.99	0.063
3	QPSK	8	4	18.00	0.063	17.96	0.063	17.83	0.061
3	QPSK	8	7	17.86	0.061	17.92	0.062	17.79	0.060
3	QPSK	15	0	17.62	0.058	17.71	0.059	17.82	0.061
3	16QAM	1	0	17.84	0.061	18.04	0.064	18.04	0.064
3	16QAM	1	8	17.88	0.061	17.75	0.060	17.91	0.062
3	16QAM	1	14	17.87	0.061	18.11	0.065	17.85	0.061
3	16QAM	8	0	16.93	0.049	17.04	0.051	17.05	0.051
3	16QAM	8	4	16.76	0.047	17.08	0.051	16.97	0.050
3	16QAM	8	7	16.94	0.049	17.11	0.051	16.89	0.049
3	16QAM	15	0	16.98	0.050	16.90	0.049	16.83	0.048
3	64QAM	1	0	16.89	0.049	16.97	0.050	16.96	0.050
3	64QAM	1	8	16.73	0.047	17.05	0.051	16.87	0.049
3	64QAM	1	14	16.93	0.049	17.01	0.050	17.01	0.050
3	64QAM	8	0	15.91	0.039	16.03	0.040	16.09	0.041
3	64QAM	8	4	15.99	0.040	16.01	0.040	15.96	0.039
3	64QAM	8	7	15.87	0.039	15.85	0.038	16.05	0.040
3	64QAM	15	0	15.92	0.039	16.10	0.041	15.96	0.039



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	18.96	0.079	19.01	0.080	19.00	0.079
1.4	QPSK	1	3	18.89	0.077	18.84	0.077	18.79	0.076
1.4	QPSK	1	5	18.89	0.077	18.94	0.078	18.88	0.077
1.4	QPSK	3	0	17.83	0.061	17.89	0.062	17.83	0.061
1.4	QPSK	3	1	17.87	0.061	17.84	0.061	17.82	0.061
1.4	QPSK	3	3	17.84	0.061	17.87	0.061	17.87	0.061
1.4	QPSK	6	0	17.89	0.062	17.89	0.062	17.63	0.058
1.4	16QAM	1	0	17.83	0.061	18.13	0.065	17.91	0.062
1.4	16QAM	1	3	17.92	0.062	17.73	0.059	18.02	0.063
1.4	16QAM	1	5	17.92	0.062	17.79	0.060	17.88	0.061
1.4	16QAM	3	0	16.93	0.049	17.02	0.050	16.90	0.049
1.4	16QAM	3	1	16.79	0.048	16.88	0.049	17.00	0.050
1.4	16QAM	3	3	16.93	0.049	16.95	0.050	16.89	0.049
1.4	16QAM	6	0	16.98	0.050	16.90	0.049	17.08	0.051
1.4	64QAM	1	0	16.98	0.050	16.97	0.050	17.03	0.050
1.4	64QAM	1	3	16.83	0.048	16.89	0.049	16.94	0.049
1.4	64QAM	1	5	16.92	0.049	16.87	0.049	16.78	0.048
1.4	64QAM	3	0	15.92	0.039	16.04	0.040	16.05	0.040
1.4	64QAM	3	1	15.89	0.039	15.90	0.039	15.91	0.039
1.4	64QAM	3	3	15.83	0.038	15.90	0.039	15.94	0.039
1.4	64QAM	6	0	15.84	0.038	15.82	0.038	15.80	0.038



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	18.92	0.078	19.00	0.079	18.92	0.078
10	QPSK	1	25	18.95	0.079	18.93	0.078	18.73	0.075
10	QPSK	1	49	18.87	0.077	18.86	0.077	18.75	0.075
10	QPSK	25	0	17.96	0.063	18.03	0.064	17.78	0.060
10	QPSK	25	12	17.90	0.062	17.94	0.062	17.81	0.060
10	QPSK	25	25	17.71	0.059	17.73	0.059	17.79	0.060
10	QPSK	50	0	17.83	0.061	17.91	0.062	17.83	0.061
10	16QAM	1	0	17.85	0.061	17.96	0.063	17.85	0.061
10	16QAM	1	25	17.84	0.061	17.69	0.059	17.79	0.060
10	16QAM	1	49	17.86	0.061	17.83	0.061	17.73	0.059
10	16QAM	25	0	17.01	0.050	16.90	0.049	16.85	0.048
10	16QAM	25	12	16.75	0.047	16.91	0.049	16.81	0.048
10	16QAM	25	25	16.96	0.050	16.86	0.049	17.10	0.051
10	16QAM	50	0	16.84	0.048	16.87	0.049	16.74	0.047
10	64QAM	1	0	17.03	0.050	17.09	0.051	16.98	0.050
10	64QAM	1	25	16.84	0.048	17.02	0.050	16.78	0.048
10	64QAM	1	49	16.65	0.046	16.78	0.048	16.79	0.048
10	64QAM	25	0	16.07	0.040	15.98	0.040	16.10	0.041
10	64QAM	25	12	15.84	0.038	15.82	0.038	15.80	0.038
10	64QAM	25	25	15.73	0.037	16.01	0.040	15.83	0.038
10	64QAM	50	0	15.92	0.039	16.05	0.040	15.88	0.039



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	18.90	0.078	18.98	0.079	18.94	0.078
5	QPSK	1	12	18.78	0.076	18.88	0.077	18.87	0.077
5	QPSK	1	24	18.69	0.074	18.78	0.076	18.85	0.077
5	QPSK	12	0	17.89	0.062	17.89	0.062	18.05	0.064
5	QPSK	12	7	17.89	0.062	18.05	0.064	17.79	0.060
5	QPSK	12	13	17.71	0.059	17.88	0.061	17.88	0.061
5	QPSK	25	0	17.68	0.059	17.76	0.060	17.87	0.061
5	16QAM	1	0	17.86	0.061	18.00	0.063	17.90	0.062
5	16QAM	1	12	17.83	0.061	17.95	0.062	17.92	0.062
5	16QAM	1	24	17.92	0.062	18.06	0.064	17.92	0.062
5	16QAM	12	0	16.98	0.050	16.97	0.050	17.00	0.050
5	16QAM	12	7	16.83	0.048	16.81	0.048	16.97	0.050
5	16QAM	12	13	16.88	0.049	16.94	0.049	17.06	0.051
5	16QAM	25	0	16.90	0.049	17.05	0.051	16.77	0.048
5	64QAM	1	0	16.84	0.048	17.05	0.051	17.11	0.051
5	64QAM	1	12	16.80	0.048	16.97	0.050	16.88	0.049
5	64QAM	1	24	16.95	0.050	16.89	0.049	17.01	0.050
5	64QAM	12	0	16.07	0.040	16.09	0.041	16.01	0.040
5	64QAM	12	7	15.85	0.038	15.89	0.039	15.75	0.038
5	64QAM	12	13	15.65	0.037	15.84	0.038	15.72	0.037
5	64QAM	25	0	15.86	0.039	15.76	0.038	15.81	0.038



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	22.54	0.179	22.60	0.182	22.52	0.179
20	QPSK	1	49	22.45	0.176	22.51	0.178	22.50	0.178
20	QPSK	1	99	22.47	0.177	22.48	0.177	22.45	0.176
20	QPSK	50	0	21.67	0.147	21.74	0.149	21.46	0.140
20	QPSK	50	24	21.49	0.141	21.50	0.141	21.54	0.143
20	QPSK	50	50	21.42	0.139	21.43	0.139	21.42	0.139
20	QPSK	100	0	21.54	0.143	21.46	0.140	21.50	0.141
20	16QAM	1	0	21.72	0.149	21.71	0.148	21.60	0.145
20	16QAM	1	49	21.49	0.141	21.52	0.142	21.59	0.144
20	16QAM	1	99	21.47	0.140	21.59	0.144	21.63	0.146
20	16QAM	50	0	20.64	0.116	20.65	0.116	20.71	0.118
20	16QAM	50	24	20.55	0.114	20.62	0.115	20.42	0.110
20	16QAM	50	50	20.46	0.111	20.68	0.117	20.51	0.112
20	16QAM	100	0	20.49	0.112	20.59	0.115	20.48	0.112
20	64QAM	1	0	20.50	0.112	20.60	0.115	20.51	0.112
20	64QAM	1	49	20.52	0.113	20.53	0.113	20.49	0.112
20	64QAM	1	99	20.48	0.112	20.70	0.117	20.56	0.114
20	64QAM	50	0	19.64	0.092	19.71	0.094	19.70	0.093
20	64QAM	50	24	19.42	0.087	19.51	0.089	19.37	0.086
20	64QAM	50	50	19.51	0.089	19.62	0.092	19.45	0.088
20	64QAM	100	0	19.48	0.089	19.65	0.092	19.40	0.087



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	22.48	0.177	22.49	0.177	22.55	0.180
15	QPSK	1	37	22.46	0.176	22.46	0.176	22.43	0.175
15	QPSK	1	74	22.56	0.180	22.50	0.178	22.54	0.179
15	QPSK	36	0	21.67	0.147	21.51	0.142	21.56	0.143
15	QPSK	36	20	21.55	0.143	21.63	0.146	21.47	0.140
15	QPSK	36	39	21.50	0.141	21.55	0.143	21.49	0.141
15	QPSK	75	0	21.48	0.141	21.59	0.144	21.44	0.139
15	16QAM	1	0	21.66	0.147	21.83	0.152	21.68	0.147
15	16QAM	1	37	21.25	0.133	21.49	0.141	21.45	0.140
15	16QAM	1	74	21.51	0.142	21.56	0.143	21.50	0.141
15	16QAM	36	0	20.56	0.114	20.78	0.120	20.71	0.118
15	16QAM	36	20	20.62	0.115	20.67	0.117	20.66	0.116
15	16QAM	36	39	20.54	0.113	20.65	0.116	20.62	0.115
15	16QAM	75	0	20.49	0.112	20.40	0.110	20.47	0.111
15	64QAM	1	0	20.70	0.117	20.69	0.117	20.52	0.113
15	64QAM	1	37	20.25	0.106	20.67	0.117	20.63	0.116
15	64QAM	1	74	20.53	0.113	20.40	0.110	20.48	0.112
15	64QAM	36	0	19.58	0.091	19.58	0.091	19.51	0.089
15	64QAM	36	20	19.37	0.086	19.60	0.091	19.64	0.092
15	64QAM	36	39	19.43	0.088	19.61	0.091	19.47	0.089
15	64QAM	75	0	19.36	0.086	19.68	0.093	19.41	0.087



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	22.46	0.176	22.50	0.178	22.47	0.177
10	QPSK	1	25	22.49	0.177	22.52	0.179	22.53	0.179
10	QPSK	1	49	22.53	0.179	22.50	0.178	22.54	0.179
10	QPSK	25	0	21.60	0.145	21.51	0.142	21.45	0.140
10	QPSK	25	12	21.47	0.140	21.67	0.147	21.46	0.140
10	QPSK	25	25	21.42	0.139	21.38	0.137	21.33	0.136
10	QPSK	50	0	21.32	0.136	21.32	0.136	21.48	0.141
10	16QAM	1	0	21.68	0.147	21.77	0.150	21.61	0.145
10	16QAM	1	25	21.44	0.139	21.49	0.141	21.44	0.139
10	16QAM	1	49	21.53	0.142	21.45	0.140	21.56	0.143
10	16QAM	25	0	20.65	0.116	20.62	0.115	20.72	0.118
10	16QAM	25	12	20.49	0.112	20.63	0.116	20.54	0.113
10	16QAM	25	25	20.76	0.119	20.48	0.112	20.47	0.111
10	16QAM	50	0	20.58	0.114	20.66	0.116	20.61	0.115
10	64QAM	1	0	20.79	0.120	20.60	0.115	20.43	0.110
10	64QAM	1	25	20.46	0.111	20.63	0.116	20.62	0.115
10	64QAM	1	49	20.50	0.112	20.63	0.116	20.66	0.116
10	64QAM	25	0	19.58	0.091	19.72	0.094	19.71	0.094
10	64QAM	25	12	19.60	0.091	19.67	0.093	19.36	0.086
10	64QAM	25	25	19.45	0.088	19.75	0.094	19.47	0.089
10	64QAM	50	0	19.53	0.090	19.67	0.093	19.36	0.086



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	22.47	0.177	22.52	0.179	22.52	0.179
5	QPSK	1	12	22.45	0.176	22.51	0.178	22.55	0.180
5	QPSK	1	24	22.50	0.178	22.47	0.177	22.53	0.179
5	QPSK	12	0	21.54	0.143	21.69	0.148	21.66	0.147
5	QPSK	12	7	21.60	0.145	21.61	0.145	21.44	0.139
5	QPSK	12	13	21.40	0.138	21.42	0.139	21.43	0.139
5	QPSK	25	0	21.51	0.142	21.57	0.144	21.40	0.138
5	16QAM	1	0	21.65	0.146	21.70	0.148	21.77	0.150
5	16QAM	1	12	21.42	0.139	21.62	0.145	21.53	0.142
5	16QAM	1	24	21.53	0.142	21.66	0.147	21.68	0.147
5	16QAM	12	0	20.66	0.116	20.57	0.114	20.50	0.112
5	16QAM	12	7	20.56	0.114	20.72	0.118	20.52	0.113
5	16QAM	12	13	20.77	0.119	20.52	0.113	20.69	0.117
5	16QAM	25	0	20.54	0.113	20.47	0.111	20.68	0.117
5	64QAM	1	0	20.65	0.116	20.70	0.117	20.45	0.111
5	64QAM	1	12	20.50	0.112	20.52	0.113	20.49	0.112
5	64QAM	1	24	20.46	0.111	20.40	0.110	20.62	0.115
5	64QAM	12	0	19.71	0.094	19.74	0.094	19.60	0.091
5	64QAM	12	7	19.51	0.089	19.57	0.091	19.63	0.092
5	64QAM	12	13	19.45	0.088	19.71	0.094	19.58	0.091
5	64QAM	25	0	19.43	0.088	19.58	0.091	19.40	0.087



LTE Band 40, Block A				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				/		38750		/	
Frequency (MHz)				/		2310		/	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	/	/	14.78	0.030	/	/
10	QPSK	1	25	/	/	14.75	0.030	/	/
10	QPSK	1	49	/	/	14.68	0.029	/	/
10	QPSK	25	0	/	/	13.72	0.024	/	/
10	QPSK	25	12	/	/	13.70	0.023	/	/
10	QPSK	25	25	/	/	13.68	0.023	/	/
10	QPSK	50	0	/	/	13.71	0.023	/	/
10	16QAM	1	0	/	/	13.68	0.023	/	/
10	16QAM	1	25	/	/	13.66	0.023	/	/
10	16QAM	1	49	/	/	13.64	0.023	/	/
10	16QAM	25	0	/	/	12.74	0.019	/	/
10	16QAM	25	12	/	/	12.72	0.019	/	/
10	16QAM	25	25	/	/	12.70	0.019	/	/
10	16QAM	50	0	/	/	12.75	0.019	/	/
10	64QAM	1	0	/	/	12.76	0.019	/	/
10	64QAM	1	25	/	/	12.75	0.019	/	/
10	64QAM	1	49	/	/	12.71	0.019	/	/
10	64QAM	25	0	/	/	11.77	0.015	/	/
10	64QAM	25	12	/	/	11.73	0.015	/	/
10	64QAM	25	25	/	/	11.75	0.015	/	/
10	64QAM	50	0	/	/	11.74	0.015	/	/



LTE Band 40, Block A				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				38725		38750		38775	
Frequency (MHz)				2307.5		2310		2312.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	14.68	0.029	14.72	0.030	14.62	0.029
5	QPSK	1	12	14.63	0.029	14.68	0.029	14.67	0.029
5	QPSK	1	24	14.65	0.029	14.71	0.030	14.77	0.030
5	QPSK	12	0	13.52	0.022	13.65	0.023	13.85	0.024
5	QPSK	12	7	13.64	0.023	13.69	0.023	13.51	0.022
5	QPSK	12	13	13.70	0.023	13.73	0.024	13.72	0.024
5	QPSK	25	0	13.68	0.023	13.51	0.022	13.51	0.022
5	16QAM	1	0	13.73	0.024	13.48	0.022	13.78	0.024
5	16QAM	1	12	13.69	0.023	13.67	0.023	13.55	0.023
5	16QAM	1	24	13.73	0.024	13.52	0.022	13.44	0.022
5	16QAM	12	0	12.82	0.019	12.73	0.019	12.56	0.018
5	16QAM	12	7	12.55	0.018	12.82	0.019	12.56	0.018
5	16QAM	12	13	12.58	0.018	12.58	0.018	12.60	0.018
5	16QAM	25	0	12.56	0.018	12.73	0.019	12.55	0.018
5	64QAM	1	0	12.72	0.019	12.60	0.018	12.68	0.019
5	64QAM	1	12	12.83	0.019	12.56	0.018	12.71	0.019
5	64QAM	1	24	12.82	0.019	12.59	0.018	12.83	0.019
5	64QAM	12	0	11.80	0.015	11.69	0.015	11.65	0.015
5	64QAM	12	7	11.55	0.014	11.54	0.014	11.58	0.014
5	64QAM	12	13	11.58	0.014	11.75	0.015	11.71	0.015
5	64QAM	25	0	11.74	0.015	11.69	0.015	11.88	0.015



LTE Band 40, Block B				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				/		39200		/	
Frequency (MHz)				/		2355		/	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	/	/	14.76	0.030	/	/
10	QPSK	1	25	/	/	14.71	0.030	/	/
10	QPSK	1	49	/	/	14.68	0.029	/	/
10	QPSK	25	0	/	/	13.70	0.023	/	/
10	QPSK	25	12	/	/	13.71	0.023	/	/
10	QPSK	25	25	/	/	13.68	0.023	/	/
10	QPSK	50	0	/	/	13.76	0.024	/	/
10	16QAM	1	0	/	/	13.85	0.024	/	/
10	16QAM	1	25	/	/	13.84	0.024	/	/
10	16QAM	1	49	/	/	13.81	0.024	/	/
10	16QAM	25	0	/	/	12.78	0.019	/	/
10	16QAM	25	12	/	/	12.73	0.019	/	/
10	16QAM	25	25	/	/	12.77	0.019	/	/
10	16QAM	50	0	/	/	12.72	0.019	/	/
10	64QAM	1	0	/	/	12.76	0.019	/	/
10	64QAM	1	25	/	/	12.75	0.019	/	/
10	64QAM	1	49	/	/	12.71	0.019	/	/
10	64QAM	25	0	/	/	11.75	0.015	/	/
10	64QAM	25	12	/	/	11.72	0.015	/	/
10	64QAM	25	25	/	/	11.74	0.015	/	/
10	64QAM	50	0	/	/	11.78	0.015	/	/



LTE Band 40, Block B				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39175		39200		39225	
Frequency (MHz)				2352.5		2355		2357.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	14.70	0.030	14.72	0.030	14.63	0.029
5	QPSK	1	12	14.55	0.029	14.62	0.029	14.62	0.029
5	QPSK	1	24	14.70	0.030	14.73	0.030	14.54	0.028
5	QPSK	12	0	13.66	0.023	13.77	0.024	13.70	0.023
5	QPSK	12	7	13.75	0.024	13.81	0.024	13.83	0.024
5	QPSK	12	13	13.57	0.023	13.61	0.023	13.58	0.023
5	QPSK	25	0	13.68	0.023	13.78	0.024	13.61	0.023
5	16QAM	1	0	13.64	0.023	13.60	0.023	13.62	0.023
5	16QAM	1	12	13.70	0.023	13.56	0.023	13.50	0.022
5	16QAM	1	24	13.49	0.022	13.72	0.024	13.69	0.023
5	16QAM	12	0	12.66	0.018	12.82	0.019	12.69	0.019
5	16QAM	12	7	12.63	0.018	12.76	0.019	12.86	0.019
5	16QAM	12	13	12.68	0.019	12.53	0.018	12.66	0.018
5	16QAM	25	0	12.74	0.019	12.83	0.019	12.81	0.019
5	64QAM	1	0	12.74	0.019	12.75	0.019	12.74	0.019
5	64QAM	1	12	12.86	0.019	12.66	0.018	12.68	0.019
5	64QAM	1	24	12.59	0.018	12.75	0.019	12.55	0.018
5	64QAM	12	0	11.60	0.014	11.69	0.015	11.88	0.015
5	64QAM	12	7	11.67	0.015	11.74	0.015	11.64	0.015
5	64QAM	12	13	11.66	0.015	11.90	0.015	11.80	0.015
5	64QAM	25	0	11.87	0.015	11.58	0.014	11.59	0.014



LTE Band 41				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39750		40620		41490	
Frequency (MHz)				2506		2593		2680	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	23.50	0.224	23.59	0.229	23.44	0.221
20	QPSK	1	49	23.34	0.216	23.56	0.227	23.42	0.220
20	QPSK	1	99	23.46	0.222	23.49	0.223	23.33	0.215
20	QPSK	50	0	22.46	0.176	22.59	0.182	22.45	0.176
20	QPSK	50	24	22.19	0.166	22.46	0.176	22.48	0.177
20	QPSK	50	50	22.32	0.171	22.44	0.175	22.36	0.172
20	QPSK	100	0	22.29	0.169	22.35	0.172	22.41	0.174
20	16QAM	1	0	22.37	0.173	22.67	0.185	22.44	0.175
20	16QAM	1	49	22.33	0.171	22.55	0.180	22.53	0.179
20	16QAM	1	99	22.29	0.169	22.63	0.183	22.44	0.175
20	16QAM	50	0	21.68	0.147	21.51	0.142	21.45	0.140
20	16QAM	50	24	21.58	0.144	21.42	0.139	21.62	0.145
20	16QAM	50	50	21.40	0.138	21.63	0.146	21.60	0.145
20	16QAM	100	0	21.38	0.137	21.42	0.139	21.24	0.133
20	64QAM	1	0	21.43	0.139	21.44	0.139	21.39	0.138
20	64QAM	1	49	21.30	0.135	21.40	0.138	21.47	0.140
20	64QAM	1	99	21.18	0.131	21.30	0.135	21.26	0.134
20	64QAM	50	0	20.70	0.117	20.68	0.117	20.59	0.115
20	64QAM	50	24	20.51	0.112	20.49	0.112	20.49	0.112
20	64QAM	50	50	20.35	0.108	20.51	0.112	20.41	0.110
20	64QAM	100	0	20.43	0.110	20.53	0.113	20.49	0.112



LTE Band 41				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39725		40620		41515	
Frequency (MHz)				2503.5		2593		2682.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	23.45	0.221	23.57	0.228	23.42	0.220
15	QPSK	1	37	23.26	0.212	23.40	0.219	23.33	0.215
15	QPSK	1	74	23.33	0.215	23.46	0.222	23.31	0.214
15	QPSK	36	0	22.34	0.171	22.56	0.180	22.34	0.171
15	QPSK	36	20	22.22	0.167	22.53	0.179	22.27	0.169
15	QPSK	36	39	22.31	0.170	22.34	0.171	22.22	0.167
15	QPSK	75	0	22.38	0.173	22.45	0.176	22.34	0.171
15	16QAM	1	0	22.39	0.173	22.54	0.179	22.49	0.177
15	16QAM	1	37	22.27	0.169	22.40	0.174	22.37	0.173
15	16QAM	1	74	22.41	0.174	22.30	0.170	22.28	0.169
15	16QAM	36	0	21.76	0.150	21.68	0.147	21.49	0.141
15	16QAM	36	20	21.35	0.136	21.50	0.141	21.60	0.145
15	16QAM	36	39	21.55	0.143	21.64	0.146	21.53	0.142
15	16QAM	75	0	21.41	0.138	21.49	0.141	21.41	0.138
15	64QAM	1	0	21.36	0.137	21.42	0.139	21.65	0.146
15	64QAM	1	37	21.40	0.138	21.33	0.136	21.58	0.144
15	64QAM	1	74	21.28	0.134	21.58	0.144	21.54	0.143
15	64QAM	36	0	20.52	0.113	20.65	0.116	20.50	0.112
15	64QAM	36	20	20.32	0.108	20.47	0.111	20.30	0.107
15	64QAM	36	39	20.32	0.108	20.40	0.110	20.34	0.108
15	64QAM	75	0	20.22	0.105	20.43	0.110	20.32	0.108



LTE Band 41				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39700		40620		41540	
Frequency (MHz)				2501		2593		2685	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	23.44	0.221	23.55	0.226	23.45	0.221
10	QPSK	1	25	23.44	0.221	23.54	0.226	23.56	0.227
10	QPSK	1	49	23.30	0.214	23.40	0.219	23.31	0.214
10	QPSK	25	0	22.53	0.179	22.56	0.180	22.35	0.172
10	QPSK	25	12	22.48	0.177	22.31	0.170	22.40	0.174
10	QPSK	25	25	22.35	0.172	22.52	0.179	22.36	0.172
10	QPSK	50	0	22.29	0.169	22.46	0.176	22.15	0.164
10	16QAM	1	0	22.32	0.171	22.64	0.184	22.43	0.175
10	16QAM	1	25	22.36	0.172	22.29	0.169	22.28	0.169
10	16QAM	1	49	22.37	0.173	22.37	0.173	22.60	0.182
10	16QAM	25	0	21.45	0.140	21.61	0.145	21.51	0.142
10	16QAM	25	12	21.30	0.135	21.40	0.138	21.38	0.137
10	16QAM	25	25	21.58	0.144	21.45	0.140	21.37	0.137
10	16QAM	50	0	21.37	0.137	21.60	0.145	21.59	0.144
10	64QAM	1	0	21.54	0.143	21.50	0.141	21.67	0.147
10	64QAM	1	25	21.37	0.137	21.36	0.137	21.57	0.144
10	64QAM	1	49	21.41	0.138	21.42	0.139	21.51	0.142
10	64QAM	25	0	20.43	0.110	20.68	0.117	20.50	0.112
10	64QAM	25	12	20.42	0.110	20.52	0.113	20.39	0.109
10	64QAM	25	25	20.42	0.110	20.42	0.110	20.48	0.112
10	64QAM	50	0	20.21	0.105	20.34	0.108	20.14	0.103



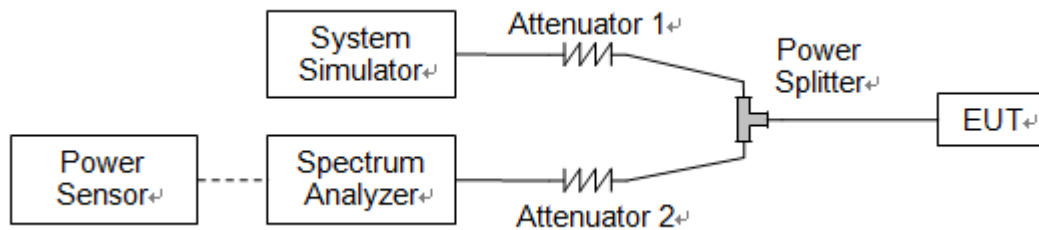
LTE Band 41				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39675		40620		41565	
Frequency (MHz)				2498.5		2593		2687.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	23.42	0.220	23.52	0.225	23.44	0.221
5	QPSK	1	12	23.38	0.218	23.49	0.223	23.40	0.219
5	QPSK	1	24	23.43	0.220	23.33	0.215	23.40	0.219
5	QPSK	12	0	22.38	0.173	22.55	0.180	22.46	0.176
5	QPSK	12	7	22.21	0.166	22.48	0.177	22.26	0.168
5	QPSK	12	13	22.26	0.168	22.54	0.179	22.30	0.170
5	QPSK	25	0	22.17	0.165	22.33	0.171	22.15	0.164
5	16QAM	1	0	22.64	0.184	22.61	0.182	22.51	0.178
5	16QAM	1	12	22.39	0.173	22.55	0.180	22.39	0.173
5	16QAM	1	24	22.47	0.177	22.56	0.180	22.39	0.173
5	16QAM	12	0	21.68	0.147	21.64	0.146	21.66	0.147
5	16QAM	12	7	21.45	0.140	21.53	0.142	21.37	0.137
5	16QAM	12	13	21.33	0.136	21.62	0.145	21.52	0.142
5	16QAM	25	0	21.37	0.137	21.59	0.144	21.47	0.140
5	64QAM	1	0	21.38	0.137	21.71	0.148	21.63	0.146
5	64QAM	1	12	21.38	0.137	21.34	0.136	21.36	0.137
5	64QAM	1	24	21.31	0.135	21.60	0.145	21.34	0.136
5	64QAM	12	0	20.60	0.115	20.56	0.114	20.50	0.112
5	64QAM	12	7	20.46	0.111	20.35	0.108	20.28	0.107
5	64QAM	12	13	20.42	0.110	20.56	0.114	20.46	0.111
5	64QAM	25	0	20.39	0.109	20.40	0.110	20.20	0.105

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	QPSK	1.09	1.28	PASS
B2	1.4	Low	18607	1850.7	16QAM	1.10	1.30	PASS
B2	1.4	Low	18607	1850.7	64QAM	1.10	1.29	PASS
B2	1.4	Mid	18900	1880	QPSK	1.09	1.27	PASS
B2	1.4	Mid	18900	1880	16QAM	1.10	1.31	PASS
B2	1.4	Mid	18900	1880	64QAM	1.10	1.30	PASS
B2	1.4	High	19193	1909.3	QPSK	1.09	1.27	PASS
B2	1.4	High	19193	1909.3	16QAM	1.10	1.29	PASS
B2	1.4	High	19193	1909.3	64QAM	1.10	1.28	PASS
B2	3	Low	18615	1851.5	QPSK	2.69	2.91	PASS
B2	3	Low	18615	1851.5	16QAM	2.69	2.93	PASS
B2	3	Low	18615	1851.5	64QAM	2.69	2.92	PASS
B2	3	Mid	18900	1880	QPSK	2.69	2.93	PASS
B2	3	Mid	18900	1880	16QAM	2.69	3.33	PASS
B2	3	Mid	18900	1880	64QAM	2.69	2.92	PASS
B2	3	High	19185	1908.5	QPSK	2.68	2.90	PASS
B2	3	High	19185	1908.5	16QAM	2.69	2.93	PASS
B2	3	High	19185	1908.5	64QAM	2.70	2.92	PASS
B2	5	Low	18625	1852.5	QPSK	4.50	4.90	PASS
B2	5	Low	18625	1852.5	16QAM	4.49	4.91	PASS
B2	5	Low	18625	1852.5	64QAM	4.50	4.93	PASS
B2	5	Mid	18900	1880	QPSK	4.50	4.91	PASS
B2	5	Mid	18900	1880	16QAM	4.50	4.89	PASS
B2	5	Mid	18900	1880	64QAM	4.51	4.91	PASS
B2	5	High	19175	1907.5	QPSK	4.49	4.89	PASS
B2	5	High	19175	1907.5	16QAM	4.50	4.89	PASS
B2	5	High	19175	1907.5	64QAM	4.49	4.92	PASS
B2	10	Low	18650	1855	QPSK	9.00	9.70	PASS
B2	10	Low	18650	1855	16QAM	8.96	9.66	PASS
B2	10	Low	18650	1855	64QAM	8.96	9.71	PASS
B2	10	Mid	18900	1880	QPSK	8.99	9.63	PASS
B2	10	Mid	18900	1880	16QAM	8.98	9.67	PASS
B2	10	Mid	18900	1880	64QAM	9.01	10.31	PASS
B2	10	High	19150	1905	QPSK	9.02	9.71	PASS
B2	10	High	19150	1905	16QAM	9.00	9.65	PASS



B2	10	High	19150	1905	64QAM	9.01	9.76	PASS
B2	15	Low	18675	1857.5	QPSK	13.45	14.46	PASS
B2	15	Low	18675	1857.5	16QAM	13.42	14.64	PASS
B2	15	Low	18675	1857.5	64QAM	13.42	14.55	PASS
B2	15	Mid	18900	1880	QPSK	13.50	14.57	PASS
B2	15	Mid	18900	1880	16QAM	13.49	14.57	PASS
B2	15	Mid	18900	1880	64QAM	13.47	14.55	PASS
B2	15	High	19125	1902.5	QPSK	13.54	14.68	PASS
B2	15	High	19125	1902.5	16QAM	13.54	14.66	PASS
B2	15	High	19125	1902.5	64QAM	13.54	14.66	PASS
B2	20	Low	18700	1860	QPSK	17.87	19.29	PASS
B2	20	Low	18700	1860	16QAM	17.91	19.28	PASS
B2	20	Low	18700	1860	64QAM	17.88	19.37	PASS
B2	20	Mid	18900	1880	QPSK	17.98	19.45	PASS
B2	20	Mid	18900	1880	16QAM	18.00	19.46	PASS
B2	20	Mid	18900	1880	64QAM	17.98	19.44	PASS
B2	20	High	19100	1900	QPSK	18.08	19.39	PASS
B2	20	High	19100	1900	16QAM	18.10	19.29	PASS
B2	20	High	19100	1900	64QAM	18.10	19.44	PASS



LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B4	1.4	Low	19957	1710.7	QPSK	1.10	1.28	PASS
B4	1.4	Low	19957	1710.7	16QAM	1.10	1.30	PASS
B4	1.4	Low	19957	1710.7	64QAM	1.10	1.27	PASS
B4	1.4	Mid	20175	1732.5	QPSK	1.10	1.28	PASS
B4	1.4	Mid	20175	1732.5	16QAM	1.10	1.30	PASS
B4	1.4	Mid	20175	1732.5	64QAM	1.10	1.28	PASS
B4	1.4	High	20393	1754.3	QPSK	1.09	1.27	PASS
B4	1.4	High	20393	1754.3	16QAM	1.10	1.28	PASS
B4	1.4	High	20393	1754.3	64QAM	1.10	1.31	PASS
B4	3	Low	19965	1711.5	QPSK	2.69	2.92	PASS
B4	3	Low	19965	1711.5	16QAM	2.69	2.93	PASS
B4	3	Low	19965	1711.5	64QAM	2.70	2.91	PASS
B4	3	Mid	20175	1732.5	QPSK	2.69	2.92	PASS
B4	3	Mid	20175	1732.5	16QAM	2.69	2.93	PASS
B4	3	Mid	20175	1732.5	64QAM	2.70	2.92	PASS
B4	3	High	20385	1753.5	QPSK	2.69	2.91	PASS
B4	3	High	20385	1753.5	16QAM	2.69	2.93	PASS
B4	3	High	20385	1753.5	64QAM	2.69	2.93	PASS
B4	5	Low	19975	1712.5	QPSK	4.49	4.95	PASS
B4	5	Low	19975	1712.5	16QAM	4.49	4.93	PASS
B4	5	Low	19975	1712.5	64QAM	4.50	4.92	PASS
B4	5	Mid	20175	1732.5	QPSK	4.50	4.92	PASS
B4	5	Mid	20175	1732.5	16QAM	4.50	4.90	PASS
B4	5	Mid	20175	1732.5	64QAM	4.50	4.89	PASS
B4	5	High	20375	1752.5	QPSK	4.50	4.93	PASS
B4	5	High	20375	1752.5	16QAM	4.51	4.92	PASS
B4	5	High	20375	1752.5	64QAM	4.50	4.92	PASS
B4	10	Low	20000	1715	QPSK	9.00	9.75	PASS
B4	10	Low	20000	1715	16QAM	8.95	9.69	PASS
B4	10	Low	20000	1715	64QAM	8.99	9.72	PASS
B4	10	Mid	20175	1732.5	QPSK	8.99	9.68	PASS
B4	10	Mid	20175	1732.5	16QAM	8.96	9.67	PASS
B4	10	Mid	20175	1732.5	64QAM	8.97	9.72	PASS
B4	10	High	20350	1750	QPSK	9.02	9.72	PASS
B4	10	High	20350	1750	16QAM	8.97	9.72	PASS



B4	10	High	20350	1750	64QAM	9.00	10.05	PASS
B4	15	Low	20025	1717.5	QPSK	13.45	14.49	PASS
B4	15	Low	20025	1717.5	16QAM	13.47	14.59	PASS
B4	15	Low	20025	1717.5	64QAM	13.43	14.53	PASS
B4	15	Mid	20175	1732.5	QPSK	13.44	14.56	PASS
B4	15	Mid	20175	1732.5	16QAM	13.45	14.58	PASS
B4	15	Mid	20175	1732.5	64QAM	13.44	14.54	PASS
B4	15	High	20325	1747.5	QPSK	13.51	14.62	PASS
B4	15	High	20325	1747.5	16QAM	13.47	14.63	PASS
B4	15	High	20325	1747.5	64QAM	13.45	14.57	PASS
B4	20	Low	20050	1720	QPSK	17.95	19.40	PASS
B4	20	Low	20050	1720	16QAM	18.00	19.40	PASS
B4	20	Low	20050	1720	64QAM	17.95	19.45	PASS
B4	20	Mid	20175	1732.5	QPSK	17.92	19.35	PASS
B4	20	Mid	20175	1732.5	16QAM	17.94	19.34	PASS
B4	20	Mid	20175	1732.5	64QAM	17.94	19.38	PASS
B4	20	High	20300	1745	QPSK	17.98	19.88	PASS
B4	20	High	20300	1745	16QAM	17.97	19.40	PASS
B4	20	High	20300	1745	64QAM	17.97	19.30	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	QPSK	1.10	1.30	PASS
B5	1.4	Low	20407	824.7	16QAM	1.10	1.30	PASS
B5	1.4	Low	20407	824.7	64QAM	1.10	1.30	PASS
B5	1.4	Mid	20525	836.5	QPSK	1.09	1.26	PASS
B5	1.4	Mid	20525	836.5	16QAM	1.10	1.29	PASS
B5	1.4	Mid	20525	836.5	64QAM	1.10	1.29	PASS
B5	1.4	High	20643	848.3	QPSK	1.10	1.28	PASS
B5	1.4	High	20643	848.3	16QAM	1.10	1.29	PASS
B5	1.4	High	20643	848.3	64QAM	1.10	1.30	PASS
B5	3	Low	20415	825.5	QPSK	2.69	2.92	PASS
B5	3	Low	20415	825.5	16QAM	2.70	2.93	PASS
B5	3	Low	20415	825.5	64QAM	2.70	2.91	PASS
B5	3	Mid	20525	836.5	QPSK	2.69	2.92	PASS
B5	3	Mid	20525	836.5	16QAM	2.68	2.92	PASS
B5	3	Mid	20525	836.5	64QAM	2.69	2.92	PASS
B5	3	High	20635	847.5	QPSK	2.69	2.91	PASS
B5	3	High	20635	847.5	16QAM	2.69	2.91	PASS
B5	3	High	20635	847.5	64QAM	2.69	2.91	PASS
B5	5	Low	20425	826.5	QPSK	4.50	4.93	PASS
B5	5	Low	20425	826.5	16QAM	4.50	4.92	PASS
B5	5	Low	20425	826.5	64QAM	4.51	5.46	PASS
B5	5	Mid	20525	836.5	QPSK	4.50	4.93	PASS
B5	5	Mid	20525	836.5	16QAM	4.49	4.88	PASS
B5	5	Mid	20525	836.5	64QAM	4.51	5.51	PASS
B5	5	High	20625	846.5	QPSK	4.50	5.06	PASS
B5	5	High	20625	846.5	16QAM	4.49	4.89	PASS
B5	5	High	20625	846.5	64QAM	4.49	4.88	PASS
B5	10	Low	20450	829	QPSK	9.00	9.78	PASS
B5	10	Low	20450	829	16QAM	8.97	9.64	PASS
B5	10	Low	20450	829	64QAM	8.98	9.78	PASS
B5	10	Mid	20525	836.5	QPSK	9.01	9.75	PASS
B5	10	Mid	20525	836.5	16QAM	8.97	9.68	PASS
B5	10	Mid	20525	836.5	64QAM	8.99	9.80	PASS
B5	10	High	20600	844	QPSK	9.00	9.74	PASS
B5	10	High	20600	844	16QAM	8.96	9.69	PASS



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B5	10	High	20600	844	64QAM	8.98	9.73	PASS
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LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B7	5	Low	20775	2502.5	QPSK	4.49	4.74	PASS
B7	5	Low	20775	2502.5	16QAM	4.49	4.93	PASS
B7	5	Low	20775	2502.5	64QAM	4.51	4.89	PASS
B7	5	Mid	21100	2535	QPSK	4.51	4.91	PASS
B7	5	Mid	21100	2535	16QAM	4.51	4.92	PASS
B7	5	Mid	21100	2535	64QAM	4.51	4.94	PASS
B7	5	High	21425	2567.5	QPSK	4.49	4.94	PASS
B7	5	High	21425	2567.5	16QAM	4.49	4.89	PASS
B7	5	High	21425	2567.5	64QAM	4.51	4.91	PASS
B7	10	Low	20800	2505	QPSK	8.98	9.69	PASS
B7	10	Low	20800	2505	16QAM	8.96	9.69	PASS
B7	10	Low	20800	2505	64QAM	8.97	9.77	PASS
B7	10	Mid	21100	2535	QPSK	9.00	9.66	PASS
B7	10	Mid	21100	2535	16QAM	8.97	9.70	PASS
B7	10	Mid	21100	2535	64QAM	8.99	9.77	PASS
B7	10	High	21400	2565	QPSK	8.99	9.79	PASS
B7	10	High	21400	2565	16QAM	8.98	9.73	PASS
B7	10	High	21400	2565	64QAM	9.00	9.78	PASS
B7	15	Low	20825	2507.5	QPSK	13.43	14.56	PASS
B7	15	Low	20825	2507.5	16QAM	13.45	14.60	PASS
B7	15	Low	20825	2507.5	64QAM	13.43	14.51	PASS
B7	15	Mid	21100	2535	QPSK	13.48	14.59	PASS
B7	15	Mid	21100	2535	16QAM	13.48	14.71	PASS
B7	15	Mid	21100	2535	64QAM	13.48	14.66	PASS
B7	15	High	21375	2562.5	QPSK	13.50	14.64	PASS
B7	15	High	21375	2562.5	16QAM	13.50	14.62	PASS
B7	15	High	21375	2562.5	64QAM	13.46	14.54	PASS
B7	20	Low	20850	2510	QPSK	17.90	19.36	PASS
B7	20	Low	20850	2510	16QAM	17.93	19.40	PASS
B7	20	Low	20850	2510	64QAM	17.88	19.40	PASS
B7	20	Mid	21100	2535	QPSK	17.97	19.40	PASS
B7	20	Mid	21100	2535	16QAM	17.99	19.39	PASS
B7	20	Mid	21100	2535	64QAM	17.99	19.38	PASS
B7	20	High	21350	2560	QPSK	17.98	19.40	PASS
B7	20	High	21350	2560	16QAM	18.00	19.39	PASS



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B7	20	High	21350	2560	64QAM	17.99	19.47	PASS
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LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B12	1.4	Low	23017	699.7	QPSK	1.09	1.28	PASS
B12	1.4	Low	23017	699.7	16QAM	1.10	1.29	PASS
B12	1.4	Low	23017	699.7	64QAM	1.10	1.30	PASS
B12	1.4	Mid	23095	707.5	QPSK	1.10	1.28	PASS
B12	1.4	Mid	23095	707.5	16QAM	1.10	1.29	PASS
B12	1.4	Mid	23095	707.5	64QAM	1.10	1.28	PASS
B12	1.4	High	23173	715.3	QPSK	1.10	1.27	PASS
B12	1.4	High	23173	715.3	16QAM	1.09	1.29	PASS
B12	1.4	High	23173	715.3	64QAM	1.10	1.27	PASS
B12	3	Low	23025	700.5	QPSK	2.69	2.92	PASS
B12	3	Low	23025	700.5	16QAM	2.69	2.92	PASS
B12	3	Low	23025	700.5	64QAM	2.70	2.91	PASS
B12	3	Mid	23095	707.5	QPSK	2.69	2.92	PASS
B12	3	Mid	23095	707.5	16QAM	2.70	2.93	PASS
B12	3	Mid	23095	707.5	64QAM	2.70	2.92	PASS
B12	3	High	23165	714.5	QPSK	2.69	2.92	PASS
B12	3	High	23165	714.5	16QAM	2.70	2.92	PASS
B12	3	High	23165	714.5	64QAM	2.70	3.11	PASS
B12	5	Low	23035	701.5	QPSK	4.52	5.15	PASS
B12	5	Low	23035	701.5	16QAM	4.52	5.13	PASS
B12	5	Low	23035	701.5	64QAM	4.52	5.09	PASS
B12	5	Mid	23095	707.5	QPSK	4.52	5.13	PASS
B12	5	Mid	23095	707.5	16QAM	4.52	5.11	PASS
B12	5	Mid	23095	707.5	64QAM	4.53	5.15	PASS
B12	5	High	23155	713.5	QPSK	4.51	5.12	PASS
B12	5	High	23155	713.5	16QAM	4.50	5.07	PASS
B12	5	High	23155	713.5	64QAM	4.51	5.13	PASS
B12	10	Low	23060	704	QPSK	9.08	10.17	PASS
B12	10	Low	23060	704	16QAM	9.05	10.11	PASS
B12	10	Low	23060	704	64QAM	9.07	10.20	PASS
B12	10	Mid	23095	707.5	QPSK	9.02	9.92	PASS
B12	10	Mid	23095	707.5	16QAM	8.98	9.78	PASS
B12	10	Mid	23095	707.5	64QAM	9.01	9.91	PASS
B12	10	High	23130	711	QPSK	8.96	9.87	PASS
B12	10	High	23130	711	16QAM	8.92	9.88	PASS



B12	10	High	23130	711	64QAM	8.94	9.84	PASS
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LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B17	5	Low	23755	706.5	QPSK	4.52	5.21	PASS
B17	5	Low	23755	706.5	16QAM	4.52	5.24	PASS
B17	5	Low	23755	706.5	64QAM	4.51	5.14	PASS
B17	5	Mid	23790	710	QPSK	4.50	5.15	PASS
B17	5	Mid	23790	710	16QAM	4.51	5.16	PASS
B17	5	Mid	23790	710	64QAM	4.49	5.07	PASS
B17	5	High	23825	713.5	QPSK	4.51	5.17	PASS
B17	5	High	23825	713.5	16QAM	4.52	5.36	PASS
B17	5	High	23825	713.5	64QAM	4.52	5.06	PASS
B17	10	Low	23780	709	QPSK	8.96	9.93	PASS
B17	10	Low	23780	709	16QAM	8.93	9.82	PASS
B17	10	Low	23780	709	64QAM	8.96	9.97	PASS
B17	10	Mid	23790	710	QPSK	8.96	9.80	PASS
B17	10	Mid	23790	710	16QAM	8.92	9.91	PASS
B17	10	Mid	23790	710	64QAM	8.95	9.83	PASS
B17	10	High	23800	711	QPSK	8.96	9.91	PASS
B17	10	High	23800	711	16QAM	8.92	9.88	PASS
B17	10	High	23800	711	64QAM	8.95	9.97	PASS



LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B38	5	Low	37775	2572.5	QPSK	4.49	4.86	PASS
B38	5	Low	37775	2572.5	16QAM	4.49	4.91	PASS
B38	5	Low	37775	2572.5	64QAM	4.52	4.89	PASS
B38	5	Mid	38000	2595	QPSK	4.50	5.29	PASS
B38	5	Mid	38000	2595	16QAM	4.50	5.10	PASS
B38	5	Mid	38000	2595	64QAM	4.52	4.84	PASS
B38	5	High	38225	2617.5	QPSK	4.50	4.95	PASS
B38	5	High	38225	2617.5	16QAM	4.51	5.15	PASS
B38	5	High	38225	2617.5	64QAM	4.52	4.93	PASS
B38	10	Low	37800	2575	QPSK	9.00	9.98	PASS
B38	10	Low	37800	2575	16QAM	8.98	9.94	PASS
B38	10	Low	37800	2575	64QAM	8.96	9.74	PASS
B38	10	Mid	38000	2595	QPSK	8.98	9.82	PASS
B38	10	Mid	38000	2595	16QAM	8.97	10.02	PASS
B38	10	Mid	38000	2595	64QAM	8.98	9.83	PASS
B38	10	High	38200	2615	QPSK	8.98	9.86	PASS
B38	10	High	38200	2615	16QAM	8.98	10.10	PASS
B38	10	High	38200	2615	64QAM	8.95	9.75	PASS
B38	15	Low	37825	2577.5	QPSK	13.45	15.33	PASS
B38	15	Low	37825	2577.5	16QAM	13.48	14.58	PASS
B38	15	Low	37825	2577.5	64QAM	13.45	15.28	PASS
B38	15	Mid	38000	2595	QPSK	13.46	14.65	PASS
B38	15	Mid	38000	2595	16QAM	13.51	15.38	PASS
B38	15	Mid	38000	2595	64QAM	13.46	14.77	PASS
B38	15	High	38175	2612.5	QPSK	13.45	14.75	PASS
B38	15	High	38175	2612.5	16QAM	13.46	14.93	PASS
B38	15	High	38175	2612.5	64QAM	13.42	14.94	PASS
B38	20	Low	37850	2580	QPSK	17.94	19.48	PASS
B38	20	Low	37850	2580	16QAM	17.99	20.32	PASS
B38	20	Low	37850	2580	64QAM	17.96	20.27	PASS
B38	20	Mid	38000	2595	QPSK	17.93	19.31	PASS
B38	20	Mid	38000	2595	16QAM	17.95	20.53	PASS
B38	20	Mid	38000	2595	64QAM	17.96	20.15	PASS
B38	20	High	38150	2610	QPSK	17.93	20.08	PASS
B38	20	High	38150	2610	16QAM	17.92	19.58	PASS



B38	20	High	38150	2610	64QAM	17.92	19.92	PASS
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LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B40-1	5	Low	38725	2307.5	QPSK	4.52	5.15	PASS
B40-1	5	Low	38725	2307.5	16QAM	4.52	5.28	PASS
B40-1	5	Low	38725	2307.5	64QAM	4.52	5.10	PASS
B40-1	5	Mid	38750	2310	QPSK	4.52	5.15	PASS
B40-1	5	Mid	38750	2310	16QAM	4.51	5.24	PASS
B40-1	5	Mid	38750	2310	64QAM	4.52	5.10	PASS
B40-1	5	High	38775	2312.5	QPSK	4.52	5.11	PASS
B40-1	5	High	38775	2312.5	16QAM	4.53	5.25	PASS
B40-1	5	High	38775	2312.5	64QAM	4.51	5.12	PASS
B40-1	10	Mid	38750	2310	QPSK	9.01	9.97	PASS
B40-1	10	Mid	38750	2310	16QAM	8.99	10.22	PASS
B40-1	10	Mid	38750	2310	64QAM	8.98	9.90	PASS
B40-2	5	Low	39175	2352.5	QPSK	4.52	5.32	PASS
B40-2	5	Low	39175	2352.5	16QAM	4.53	5.15	PASS
B40-2	5	Low	39175	2352.5	64QAM	4.53	5.11	PASS
B40-2	5	Mid	39200	2355	QPSK	4.53	5.20	PASS
B40-2	5	Mid	39200	2355	16QAM	4.53	5.54	PASS
B40-2	5	Mid	39200	2355	64QAM	4.51	5.14	PASS
B40-2	5	High	39225	2357.5	QPSK	4.52	5.42	PASS
B40-2	5	High	39225	2357.5	16QAM	4.53	5.31	PASS
B40-2	5	High	39225	2357.5	64QAM	4.53	5.13	PASS
B40-2	10	Mid	39200	2355	QPSK	9.01	10.12	PASS
B40-2	10	Mid	39200	2355	16QAM	8.97	9.93	PASS
B40-2	10	Mid	39200	2355	64QAM	8.99	9.95	PASS



LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B41	5	Low	39675	2498.5	QPSK	4.49	5.05	PASS
B41	5	Low	39675	2498.5	16QAM	4.51	4.97	PASS
B41	5	Low	39675	2498.5	64QAM	4.51	4.90	PASS
B41	5	Mid	40620	2593	QPSK	4.51	5.10	PASS
B41	5	Mid	40620	2593	16QAM	4.50	4.93	PASS
B41	5	Mid	40620	2593	64QAM	4.51	4.88	PASS
B41	5	High	41565	2687.5	QPSK	4.50	4.91	PASS
B41	5	High	41565	2687.5	16QAM	4.50	4.88	PASS
B41	5	High	41565	2687.5	64QAM	4.51	4.89	PASS
B41	10	Low	39700	2501	QPSK	8.98	9.74	PASS
B41	10	Low	39700	2501	16QAM	8.98	10.00	PASS
B41	10	Low	39700	2501	64QAM	8.97	9.71	PASS
B41	10	Mid	40620	2593	QPSK	9.00	9.69	PASS
B41	10	Mid	40620	2593	16QAM	8.99	10.06	PASS
B41	10	Mid	40620	2593	64QAM	8.98	9.72	PASS
B41	10	High	41540	2685	QPSK	8.96	9.70	PASS
B41	10	High	41540	2685	16QAM	8.96	10.00	PASS
B41	10	High	41540	2685	64QAM	8.97	9.83	PASS
B41	15	Low	39725	2503.5	QPSK	13.43	14.52	PASS
B41	15	Low	39725	2503.5	16QAM	13.49	15.36	PASS
B41	15	Low	39725	2503.5	64QAM	13.45	14.40	PASS
B41	15	Mid	40620	2593	QPSK	13.45	14.47	PASS
B41	15	Mid	40620	2593	16QAM	13.49	15.20	PASS
B41	15	Mid	40620	2593	64QAM	13.46	15.47	PASS
B41	15	High	41515	2682.5	QPSK	13.47	14.71	PASS
B41	15	High	41515	2682.5	16QAM	13.48	14.70	PASS
B41	15	High	41515	2682.5	64QAM	13.44	14.69	PASS
B41	20	Low	39750	2506	QPSK	17.90	19.31	PASS
B41	20	Low	39750	2506	16QAM	17.96	19.26	PASS
B41	20	Low	39750	2506	64QAM	17.91	19.87	PASS
B41	20	Mid	40620	2593	QPSK	17.94	19.23	PASS
B41	20	Mid	40620	2593	16QAM	17.94	19.36	PASS
B41	20	Mid	40620	2593	64QAM	17.97	20.05	PASS
B41	20	High	41490	2680	QPSK	17.89	19.26	PASS
B41	20	High	41490	2680	16QAM	17.89	19.98	PASS



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B41	20	High	41490	2680	64QAM	17.91	19.55	PASS
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Band2 / 1.4MHz / QPSK/ Low CH



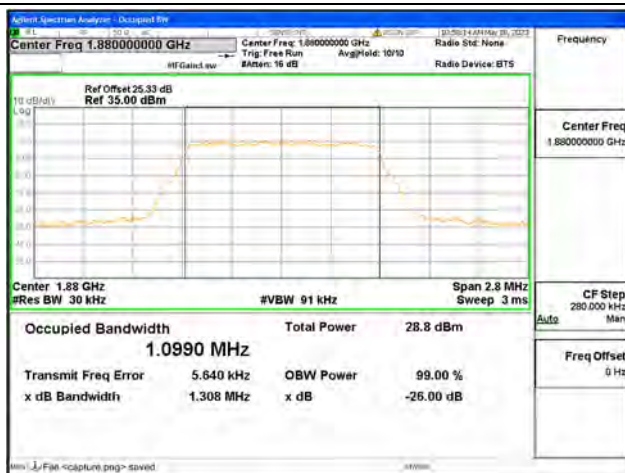
Band2 / 1.4MHz / 16QAM/ Low CH



Band2 / 1.4MHz / 64QAM/ Low CH



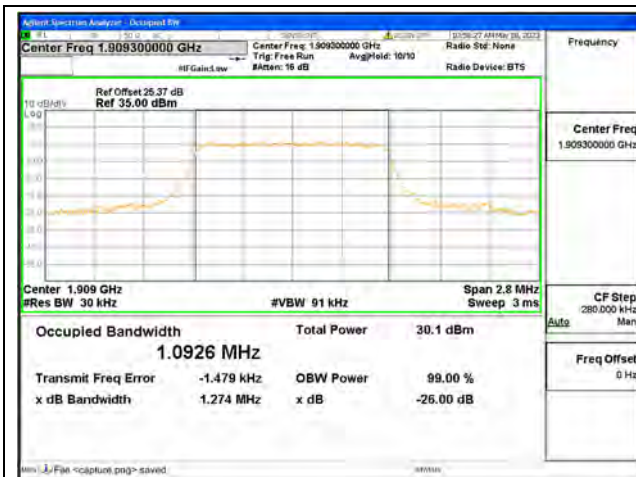
Band2 / 1.4MHz / QPSK/ Mid CH



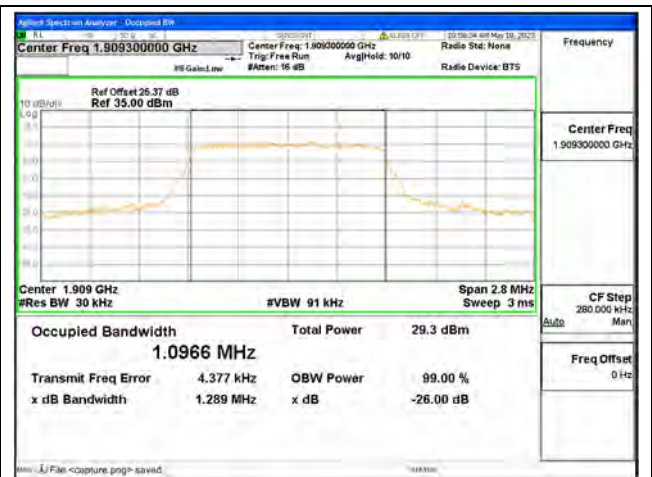
Band2 / 1.4MHz / 16QAM/ Mid CH



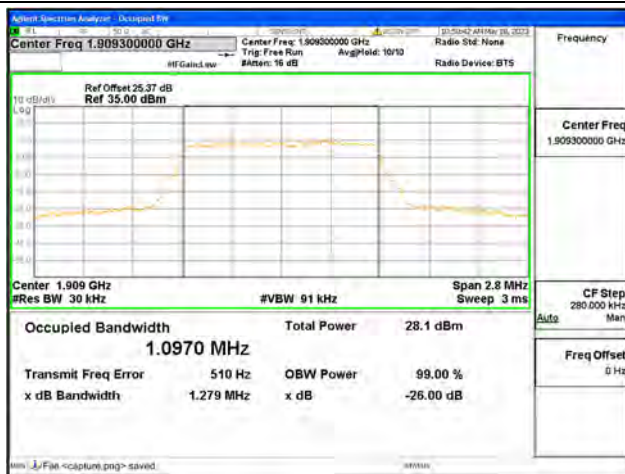
Band2 / 1.4MHz / 64QAM/ Mid CH



Band2 / 1.4MHz / QPSK/ High CH



Band2 / 1.4MHz / 16QAM/ High CH



Band2 / 1.4MHz / 64QAM/ High CH



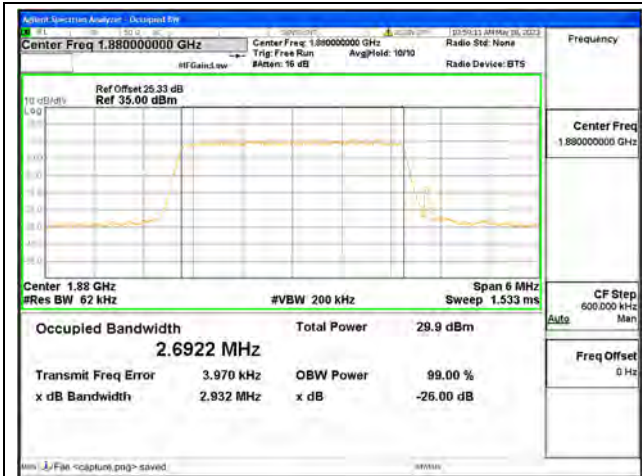
Band2 / 3MHz / QPSK/ Low CH



Band2 / 3MHz / 16QAM/ Low CH



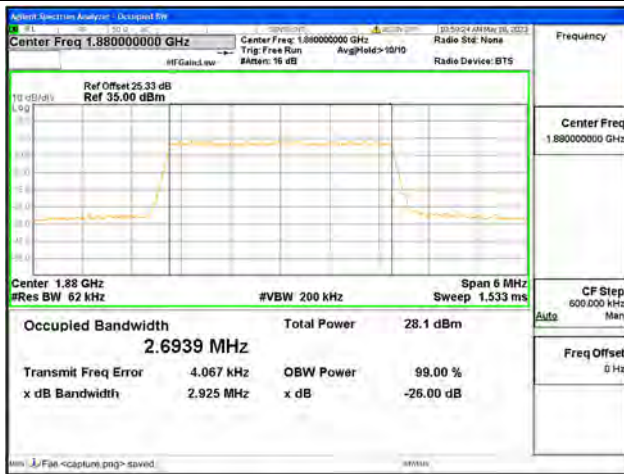
Band2 / 3MHz / 64QAM/ Low CH



Band2 / 3MHz / QPSK/ Mid CH



Band2 / 3MHz / 16QAM/ Mid CH



Band2 / 3MHz / 64QAM/ Mid CH



Band2 / 3MHz / QPSK/ High CH



Band2 / 3MHz / 16QAM/ High CH



Band2 / 3MHz / 64QAM/ High CH



Band2 / 5MHz / QPSK/ Low CH



Band2 / 5MHz / 16QAM/ Low CH



Band2 / 5MHz / 64QAM/ Low CH



Band2 / 5MHz / QPSK/ Mid CH



Band2 / 5MHz / 16QAM/ Mid CH



Band2 / 5MHz / 64QAM/ Mid CH



Band2 / 5MHz / QPSK / High CH



Band2 / 5MHz / 16QAM / High CH



Band2 / 5MHz / 64QAM / High CH



Band2 / 10MHz / QPSK / Low CH



Band2 / 10MHz / 16QAM / Low CH



Band2 / 10MHz / 64QAM / Low CH



Band2 / 10MHz / QPSK/ Mid CH



Band2 / 10MHz / 16QAM/ Mid CH



Band2 / 10MHz / 64QAM/ Mid CH



Band2 / 10MHz / QPSK/ High CH



Band2 / 10MHz / 16QAM/ High CH



Band2 / 10MHz / 64QAM/ High CH



Band2 / 15MHz / QPSK/ Low CH



Band2 / 15MHz / 16QAM/ Low CH



Band2 / 15MHz / 64QAM/ Low CH



Band2 / 15MHz / QPSK/ Mid CH



Band2 / 15MHz / 16QAM/ Mid CH



Band2 / 15MHz / 64QAM/ Mid CH



Band2 / 15MHz / QPSK/ High CH



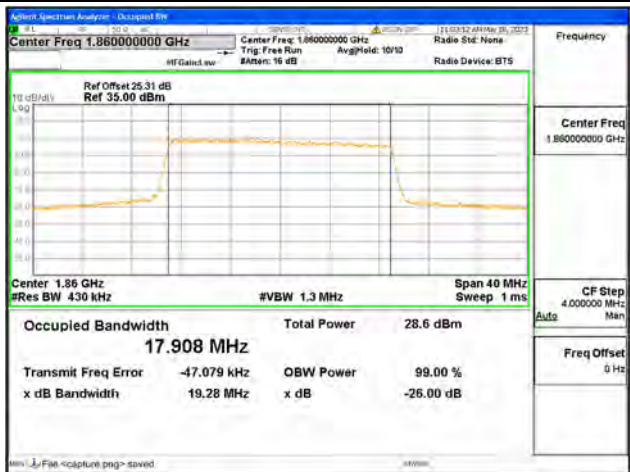
Band2 / 15MHz / 16QAM/ High CH



Band2 / 15MHz / 64QAM/ High CH



Band2 / 20MHz / QPSK/ Low CH



Band2 / 20MHz / 16QAM/ Low CH



Band2 / 20MHz / 64QAM/ Low CH



Band2 / 20MHz / QPSK/ Mid CH



Band2 / 20MHz / 16QAM/ Mid CH



Band2 / 20MHz / 64QAM/ Mid CH



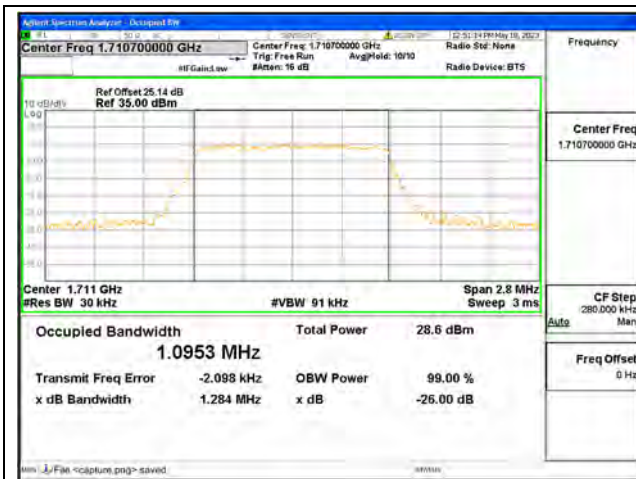
Band2 / 20MHz / QPSK/ High CH



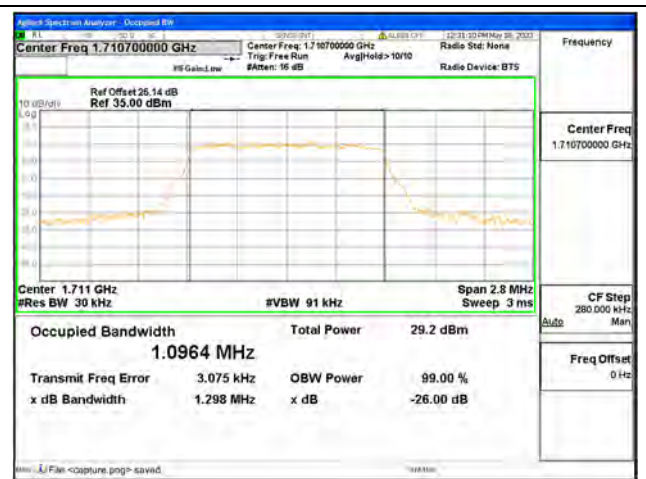
Band2 / 20MHz / 16QAM/ High CH



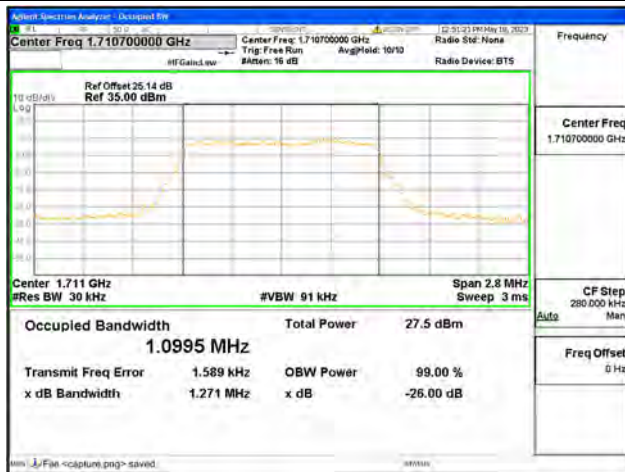
Band2 / 20MHz / 64QAM/ High CH



Band4 / 1.4MHz / QPSK/ Low CH



Band4 / 1.4MHz / 16QAM/ Low CH



Band4 / 1.4MHz / 64QAM/ Low CH



Band4 / 1.4MHz / QPSK/ Mid CH



Band4 / 1.4MHz / 16QAM/ Mid CH



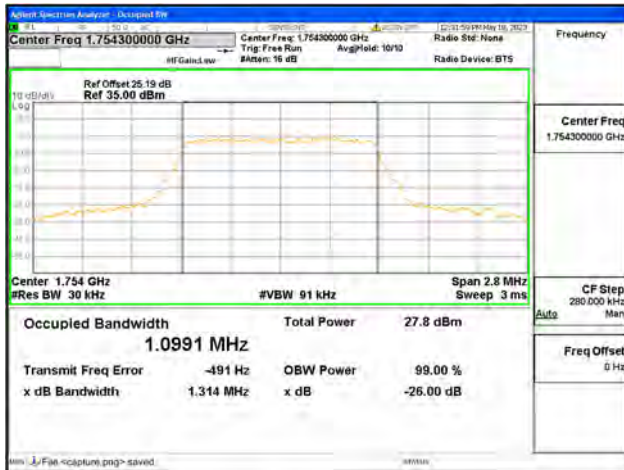
Band4 / 1.4MHz / 64QAM/ Mid CH



Band4 / 1.4MHz / QPSK/ High CH



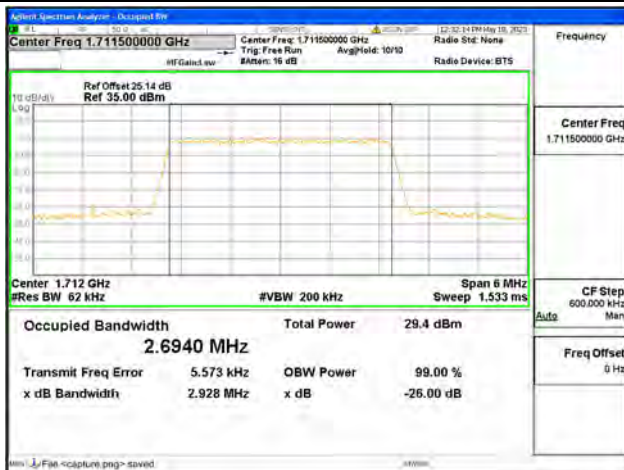
Band4 / 1.4MHz / 16QAM/ High CH



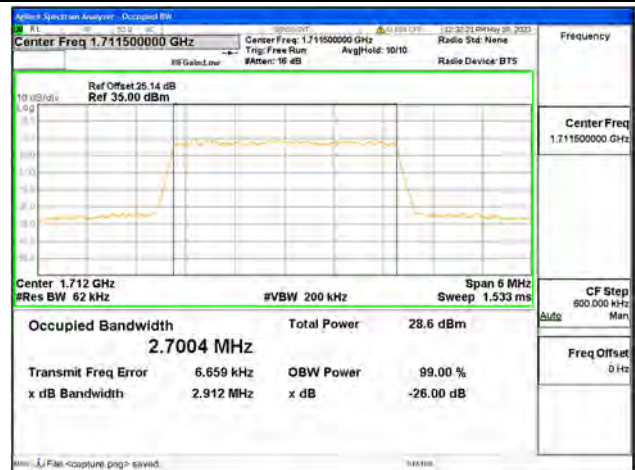
Band4 / 1.4MHz / 64QAM/ High CH



Band4 / 3MHz / QPSK/ Low CH



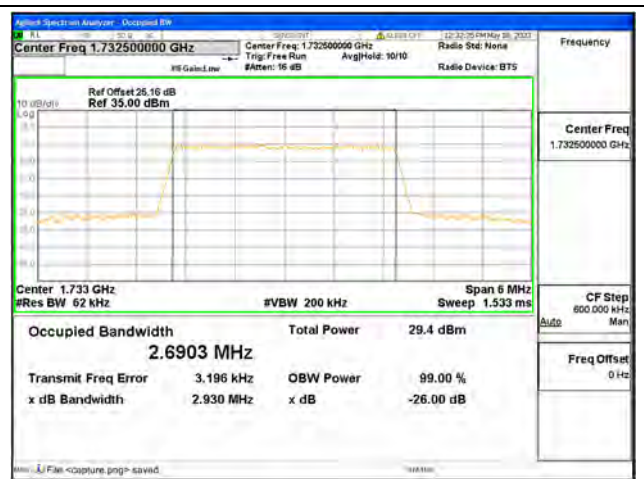
Band4 / 3MHz / 16QAM/ Low CH



Band4 / 3MHz / 64QAM/ Low CH



Band4 / 3MHz / QPSK/ Mid CH



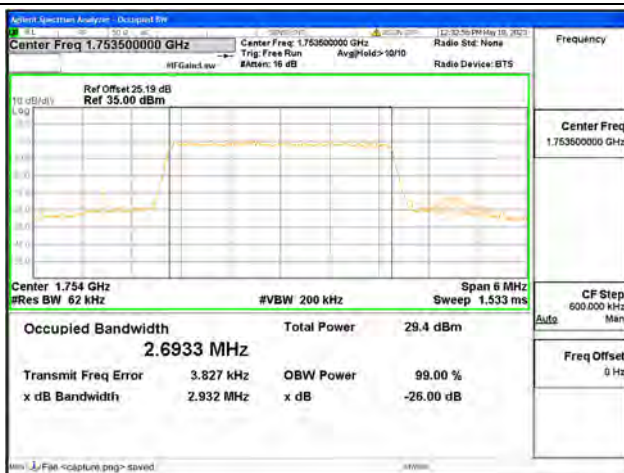
Band4 / 3MHz / 16QAM/ Mid CH



Band4 / 3MHz / 64QAM/ Mid CH



Band4 / 3MHz / QPSK/ High CH



Band4 / 3MHz / 16QAM/ High CH



Band4 / 3MHz / 64QAM/ High CH



Band4 / 5MHz / QPSK/ Low CH



Band4 / 5MHz / 16QAM/ Low CH



Band4 / 5MHz / 64QAM/ Low CH



Band4 / 5MHz / QPSK/ Mid CH



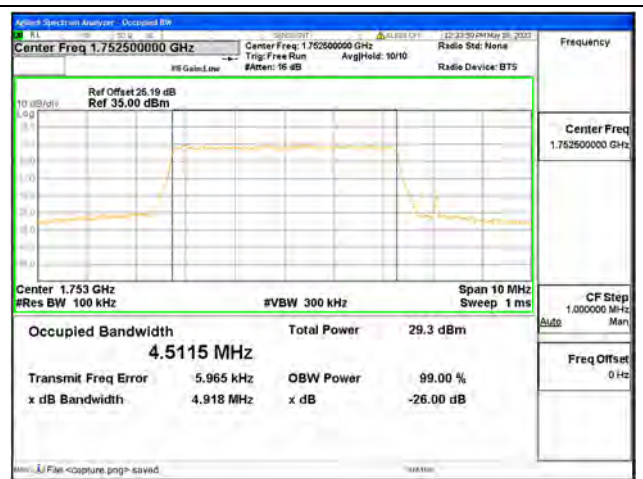
Band4 / 5MHz / 16QAM/ Mid CH



Band4 / 5MHz / 64QAM/ Mid CH



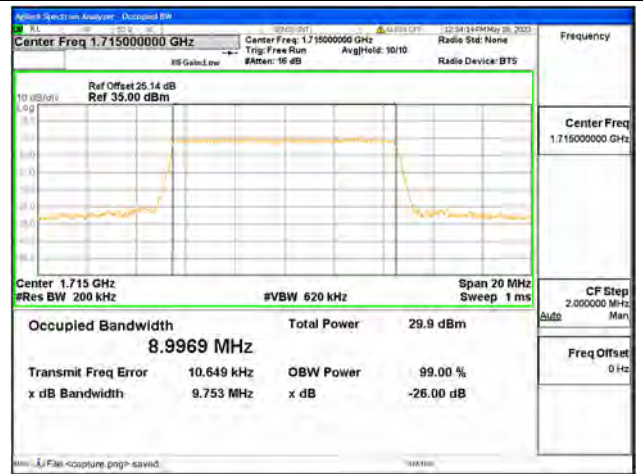
Band4 / 5MHz / QPSK / High CH



Band4 / 5MHz / 16QAM / High CH



Band4 / 5MHz / 64QAM / High CH



Band4 / 10MHz / QPSK / Low CH



Band4 / 10MHz / 16QAM / Low CH



Band4 / 10MHz / 64QAM / Low CH



Band4 / 10MHz / QPSK/ Mid CH



Band4 / 10MHz / 16QAM/ Mid CH



Band4 / 10MHz / 64QAM/ Mid CH



Band4 / 10MHz / QPSK/ High CH



Band4 / 10MHz / 16QAM/ High CH



Band4 / 10MHz / 64QAM/ High CH



Band4 / 15MHz / QPSK/ Low CH



Band4 / 15MHz / 16QAM/ Low CH



Band4 / 15MHz / 64QAM/ Low CH



Band4 / 15MHz / QPSK/ Mid CH



Band4 / 15MHz / 16QAM/ Mid CH



Band4 / 15MHz / 64QAM/ Mid CH



Band4 / 15MHz / QPSK/ High CH



Band4 / 15MHz / 16QAM/ High CH



Band4 / 15MHz / 64QAM/ High CH



Band4 / 20MHz / QPSK/ Low CH



Band4 / 20MHz / 16QAM/ Low CH



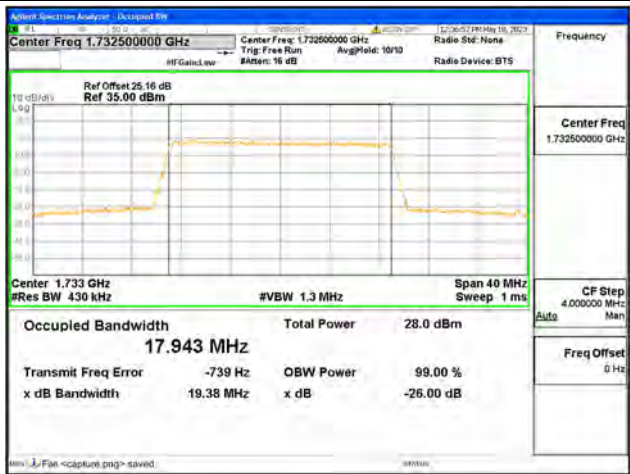
Band4 / 20MHz / 64QAM/ Low CH



Band4 / 20MHz / QPSK/ Mid CH



Band4 / 20MHz / 16QAM/ Mid CH



Band4 / 20MHz / 64QAM/ Mid CH



Band4 / 20MHz / QPSK/ High CH



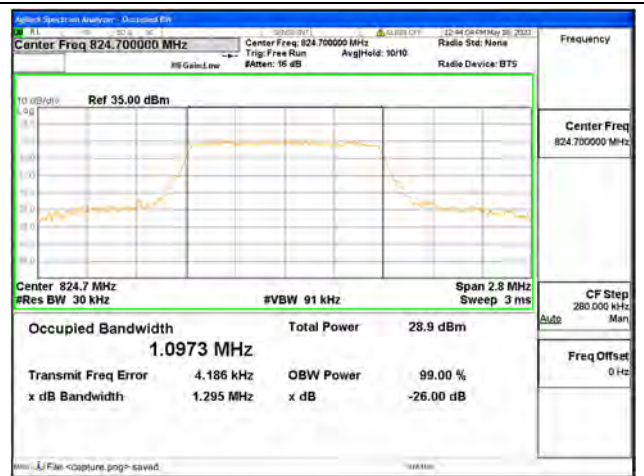
Band4 / 20MHz / 16QAM/ High CH



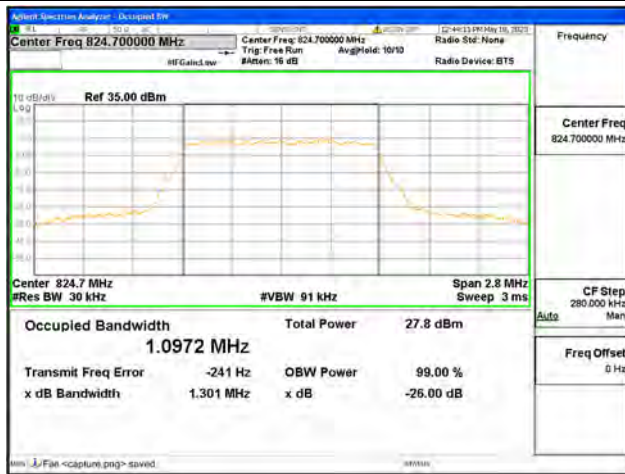
Band4 / 20MHz / 64QAM/ High CH



Band5 / 1.4MHz / QPSK/ Low CH



Band5 / 1.4MHz / 16QAM/ Low CH



Band5 / 1.4MHz / 64QAM/ Low CH



Band5 / 1.4MHz / QPSK/ Mid CH



Band5 / 1.4MHz / 16QAM/ Mid CH



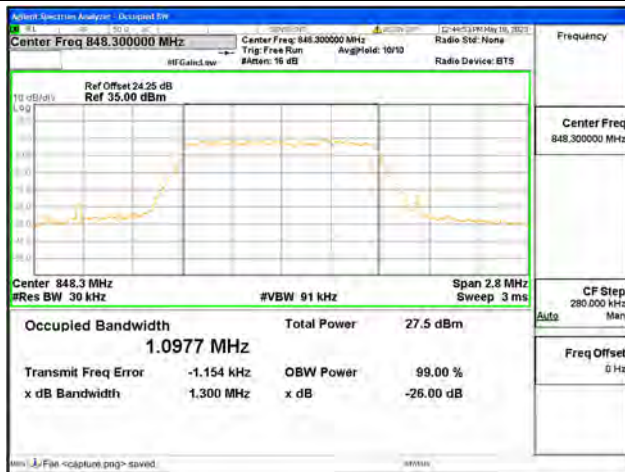
Band5 / 1.4MHz / 64QAM/ Mid CH



Band5 / 1.4MHz / QPSK/ High CH



Band5 / 1.4MHz / 16QAM/ High CH



Band5 / 1.4MHz / 64QAM/ High CH



Band5 / 3MHz / QPSK/ Low CH



Band5 / 3MHz / 16QAM/ Low CH



Band5 / 3MHz / 64QAM/ Low CH



Band5 / 3MHz / QPSK/ Mid CH



Band5 / 3MHz / 16QAM/ Mid CH



Band5 / 3MHz / 64QAM/ Mid CH



Band5 / 3MHz / QPSK/ High CH



Band5 / 3MHz / 16QAM/ High CH



Band5 / 3MHz / 64QAM/ High CH



Band5 / 5MHz / QPSK/ Low CH



Band5 / 5MHz / 16QAM/ Low CH



Band5 / 5MHz / 64QAM/ Low CH



Band5 / 5MHz / QPSK/ Mid CH



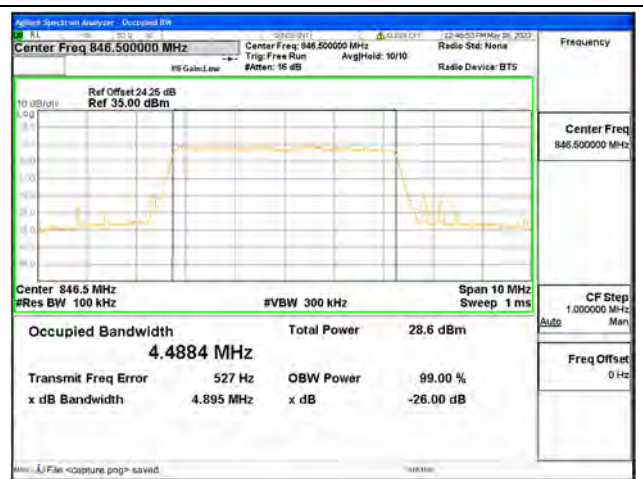
Band5 / 5MHz / 16QAM/ Mid CH



Band5 / 5MHz / 64QAM/ Mid CH



Band5 / 5MHz / QPSK/ High CH



Band5 / 5MHz / 16QAM/ High CH



Band5 / 5MHz / 64QAM/ High CH



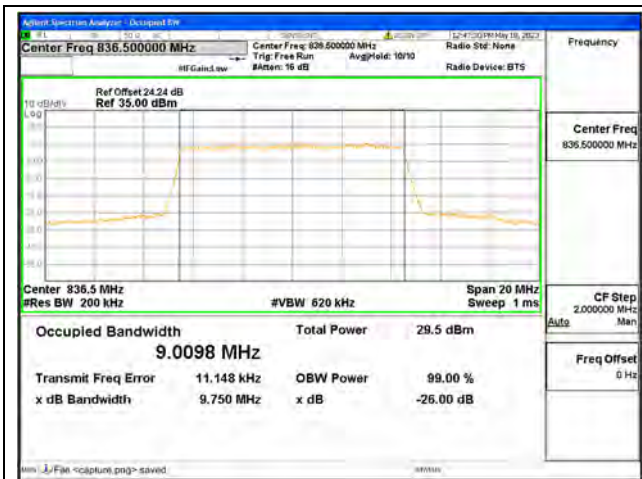
Band5 / 10MHz / QPSK/ Low CH



Band5 / 10MHz / 16QAM/ Low CH



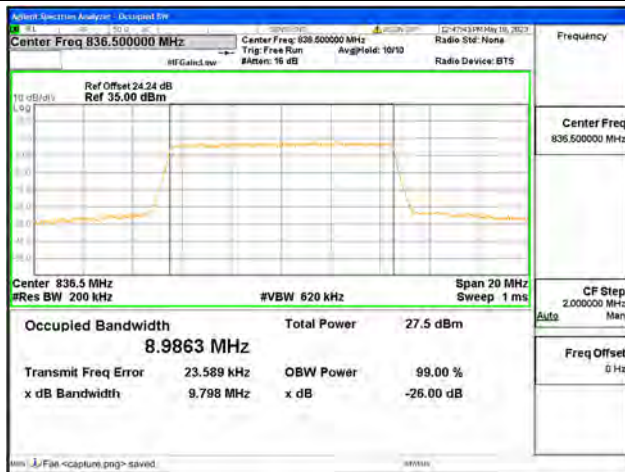
Band5 / 10MHz / 64QAM/ Low CH



Band5 / 10MHz / QPSK/ Mid CH



Band5 / 10MHz / 16QAM/ Mid CH



Band5 / 10MHz / 64QAM/ Mid CH



Band5 / 10MHz / QPSK/ High CH



Band5 / 10MHz / 16QAM/ High CH



Band5 / 10MHz / 64QAM/ High CH



Band7 / 5MHz / QPSK/ Low CH



Band7 / 5MHz / 16QAM/ Low CH



Band7 / 5MHz / 64QAM/ Low CH



Band7 / 5MHz / QPSK/ Mid CH



Band7 / 5MHz / 16QAM/ Mid CH



Band7 / 5MHz / 64QAM/ Mid CH



Band7 / 5MHz / QPSK / High CH



Band7 / 5MHz / 16QAM / High CH



Band7 / 5MHz / 64QAM / High CH



Band7 / 10MHz / QPSK / Low CH



Band7 / 10MHz / 16QAM / Low CH



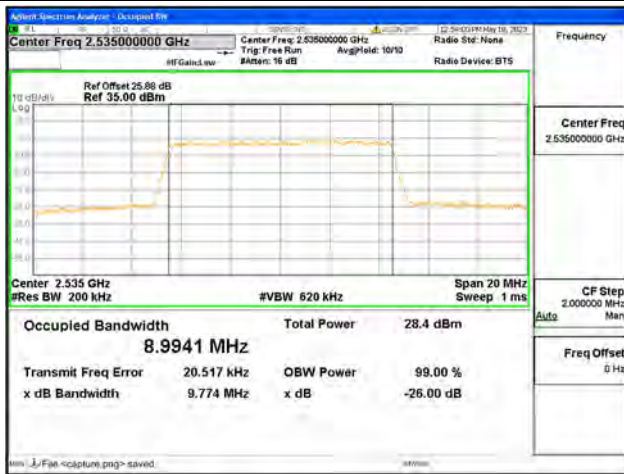
Band7 / 10MHz / 64QAM / Low CH



Band7 / 10MHz / QPSK/ Mid CH



Band7 / 10MHz / 16QAM/ Mid CH



Band7 / 10MHz / 64QAM/ Mid CH



Band7 / 10MHz / QPSK/ High CH



Band7 / 10MHz / 16QAM/ High CH



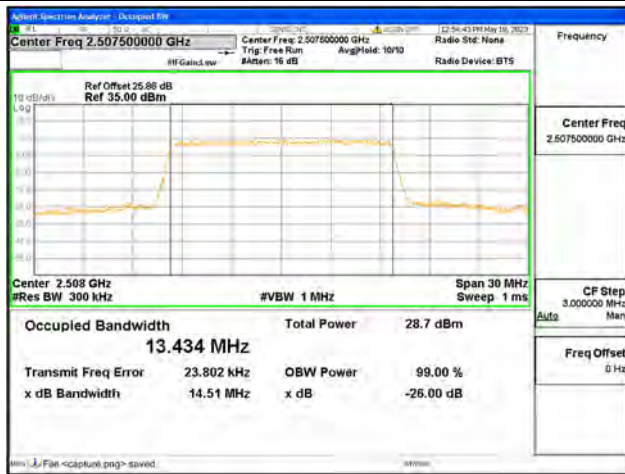
Band7 / 10MHz / 64QAM/ High CH



Band7 / 15MHz / QPSK/ Low CH



Band7 / 15MHz / 16QAM/ Low CH



Band7 / 15MHz / 64QAM/ Low CH



Band7 / 15MHz / QPSK/ Mid CH



Band7 / 15MHz / 16QAM/ Mid CH



Band7 / 15MHz / 64QAM/ Mid CH



Band7 / 15MHz / QPSK/ High CH



Band7 / 15MHz / 16QAM/ High CH



Band7 / 15MHz / 64QAM/ High CH



Band7 / 20MHz / QPSK/ Low CH



Band7 / 20MHz / 16QAM/ Low CH



Band7 / 20MHz / 64QAM/ Low CH



Band7 / 20MHz / QPSK/ Mid CH



Band7 / 20MHz / 16QAM/ Mid CH



Band7 / 20MHz / 64QAM/ Mid CH



Band7 / 20MHz / QPSK/ High CH



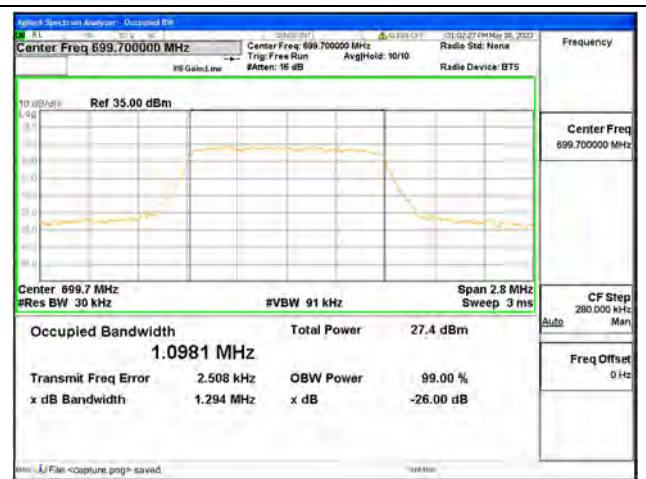
Band7 / 20MHz / 16QAM/ High CH



Band7 / 20MHz / 64QAM/ High CH



Band12 / 1.4MHz / QPSK/ Low CH



Band12 / 1.4MHz / 16QAM/ Low CH



Band12 / 1.4MHz / 64QAM/ Low CH



Band12 / 1.4MHz / QPSK/ Mid CH



Band12 / 1.4MHz / 16QAM/ Mid CH



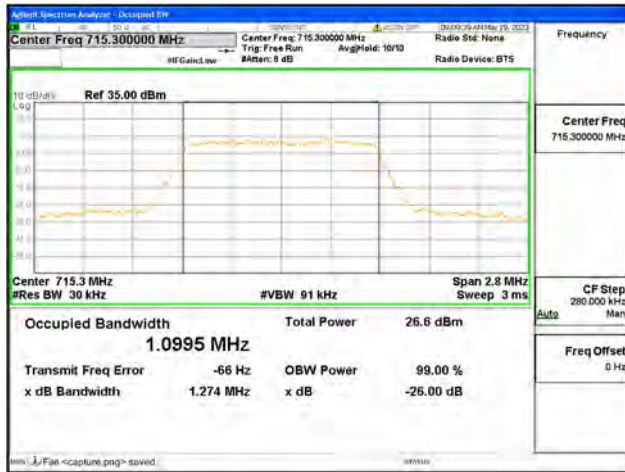
Band12 / 1.4MHz / 64QAM/ Mid CH



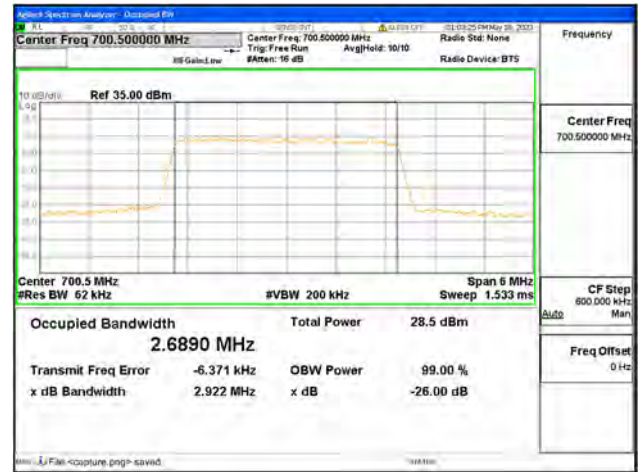
Band12 / 1.4MHz / QPSK/ High CH



Band12 / 1.4MHz / 16QAM/ High CH



Band12 / 1.4MHz / 64QAM/ High CH



Band12 / 3MHz / QPSK/ Low CH



Band12 / 3MHz / 16QAM/ Low CH



Band12 / 3MHz / 64QAM/ Low CH



Band12 / 3MHz / QPSK/ Mid CH



Band12 / 3MHz / 16QAM/ Mid CH



Band12 / 3MHz / 64QAM/ Mid CH



Band12 / 3MHz / QPSK/ High CH



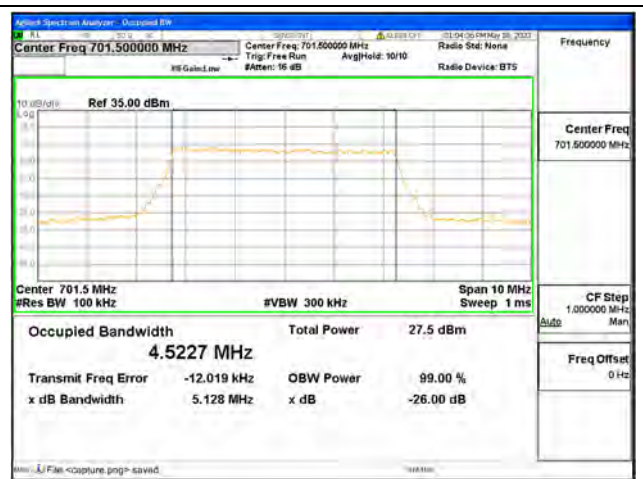
Band12 / 3MHz / 16QAM/ High CH



Band12 / 3MHz / 64QAM/ High CH



Band12 / 5MHz / QPSK/ Low CH



Band12 / 5MHz / 16QAM/ Low CH



Band12 / 5MHz / 64QAM/ Low CH



Band12 / 5MHz / QPSK/ Mid CH



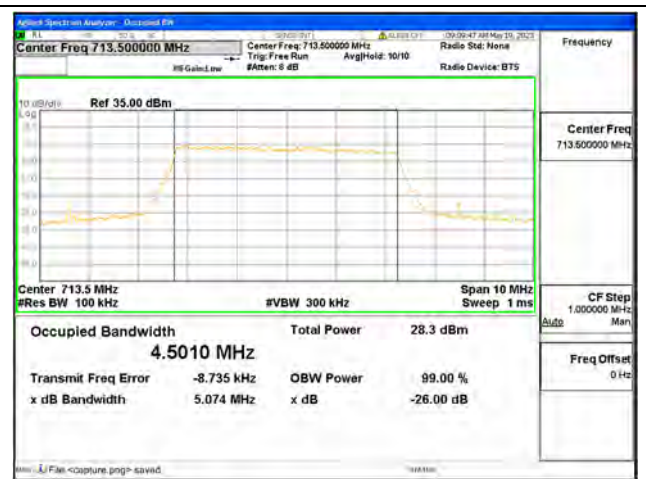
Band12 / 5MHz / 16QAM/ Mid CH



Band12 / 5MHz / 64QAM/ Mid CH



Band12 / 5MHz / QPSK/ High CH



Band12 / 5MHz / 16QAM/ High CH



Band12 / 5MHz / 64QAM/ High CH



Band12 / 10MHz / QPSK/ Low CH



Band12 / 10MHz / 16QAM/ Low CH



Band12 / 10MHz / 64QAM/ Low CH



Band12 / 10MHz / QPSK/ Mid CH



Band12 / 10MHz / 16QAM/ Mid CH



Band12 / 10MHz / 64QAM/ Mid CH



Band12 / 10MHz / QPSK/ High CH



Band12 / 10MHz / 16QAM/ High CH



Band12 / 10MHz / 64QAM/ High CH



Band17 / 5MHz / QPSK/ Low CH



Band17 / 5MHz / 16QAM/ Low CH



Band17 / 5MHz / 64QAM/ Low CH



Band17 / 5MHz / QPSK/ Mid CH



Band17 / 5MHz / 16QAM/ Mid CH



Band17 / 5MHz / 64QAM/ Mid CH



Band17 / 5MHz / QPSK/ High CH



Band17 / 5MHz / 16QAM/ High CH



Band17 / 5MHz / 64QAM/ High CH



Band17 / 10MHz / QPSK/ Low CH



Band17 / 10MHz / 16QAM/ Low CH



Band17 / 10MHz / 64QAM/ Low CH



Band17 / 10MHz / QPSK/ Mid CH



Band17 / 10MHz / 16QAM/ Mid CH



Band17 / 10MHz / 64QAM/ Mid CH



Band17 / 10MHz / QPSK/ High CH



Band17 / 10MHz / 16QAM/ High CH



Band17 / 10MHz / 64QAM/ High CH



Band38 / 5MHz / QPSK/ Low CH



Band38 / 5MHz / 16QAM/ Low CH



Band38 / 5MHz / 64QAM/ Low CH



Band38 / 5MHz / QPSK/ Mid CH



Band38 / 5MHz / 16QAM/ Mid CH



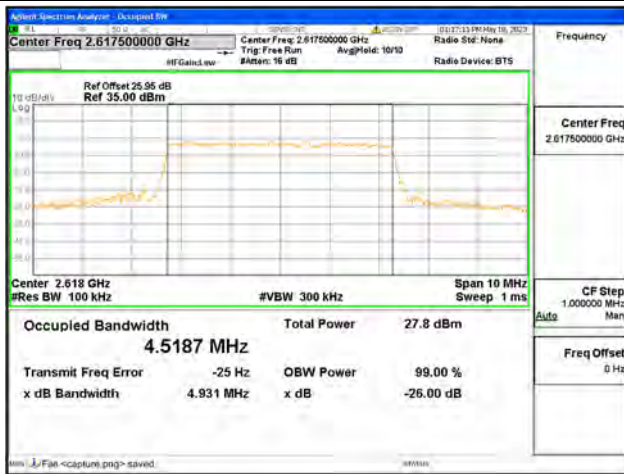
Band38 / 5MHz / 64QAM/ Mid CH



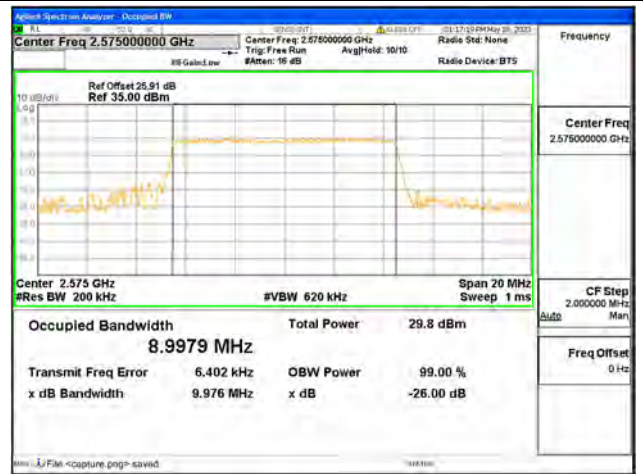
Band38 / 5MHz / QPSK/ High CH



Band38 / 5MHz / 16QAM/ High CH



Band38 / 5MHz / 64QAM/ High CH



Band38 / 10MHz / QPSK/ Low CH



Band38 / 10MHz / 16QAM/ Low CH



Band38 / 10MHz / 64QAM/ Low CH



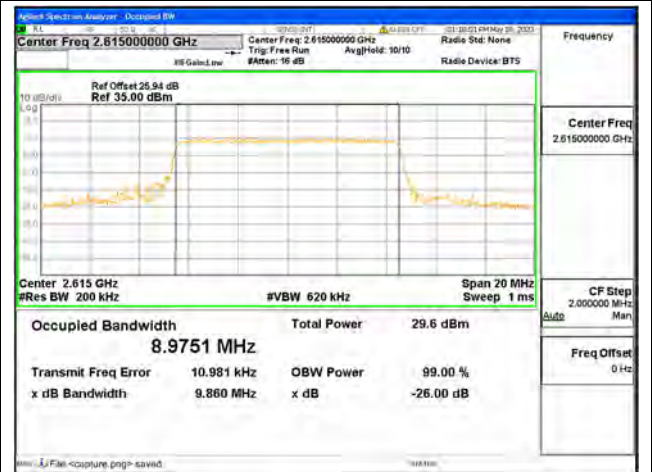
Band38 / 10MHz / QPSK/ Mid CH



Band38 / 10MHz / 16QAM/ Mid CH



Band38 / 10MHz / 64QAM/ Mid CH



Band38 / 10MHz / QPSK/ High CH



Band38 / 10MHz / 16QAM/ High CH



Band38 / 10MHz / 64QAM/ High CH



Band38 / 15MHz / QPSK/ Low CH



Band38 / 15MHz / 16QAM/ Low CH



Band38 / 15MHz / 64QAM/ Low CH



Band38 / 15MHz / QPSK/ Mid CH



Band38 / 15MHz / 16QAM/ Mid CH



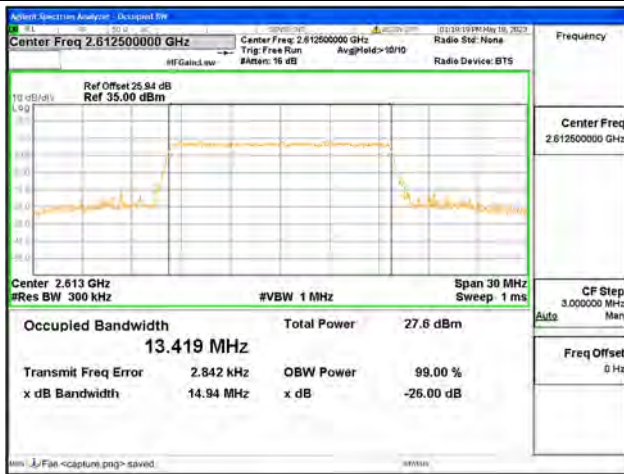
Band38 / 15MHz / 64QAM/ Mid CH



Band38 / 15MHz / QPSK/ High CH



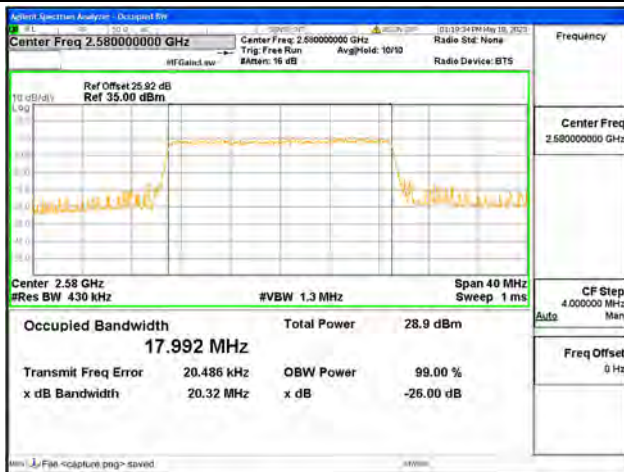
Band38 / 15MHz / 16QAM/ High CH



Band38 / 15MHz / 64QAM/ High CH



Band38 / 20MHz / QPSK/ Low CH



Band38 / 20MHz / 16QAM/ Low CH



Band38 / 20MHz / 64QAM/ Low CH



Band38 / 20MHz / QPSK/ Mid CH



Band38 / 20MHz / 16QAM/ Mid CH



Band38 / 20MHz / 64QAM/ Mid CH



Band38 / 20MHz / QPSK/ High CH



Band38 / 20MHz / 16QAM/ High CH



Band38 / 20MHz / 64QAM/ High CH



Band40-1 / 5MHz / QPSK/ Low CH



Band40-1 / 5MHz / 16QAM/ Low CH



Band40-1 / 5MHz / 64QAM/ Low CH



Band40-1 / 5MHz / QPSK/ Mid CH



Band40-1 / 5MHz / 16QAM/ Mid CH



Band40-1 / 5MHz / 64QAM/ Mid CH



Band40-1 / 5MHz / QPSK/ High CH



Band40-1 / 5MHz / 16QAM/ High CH



Band40-1 / 5MHz / 64QAM/ High CH



Band40-1 / 10MHz / QPSK/ Mid CH



Band40-1 / 10MHz / 16QAM/ Mid CH



Band40-1 / 10MHz / 64QAM/ Mid CH



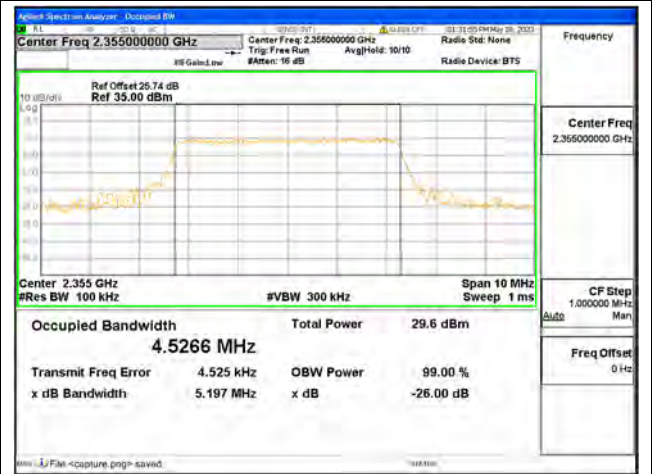
Band40-2 / 5MHz / QPSK/ Low CH



Band40-2 / 5MHz / 16QAM/ Low CH



Band40-2 / 5MHz / 64QAM/ Low CH



Band40-2 / 5MHz / QPSK/ Mid CH



Band40-2 / 5MHz / 16QAM/ Mid CH



Band40-2 / 5MHz / 64QAM/ Mid CH



Band40-2 / 5MHz / QPSK/ High CH



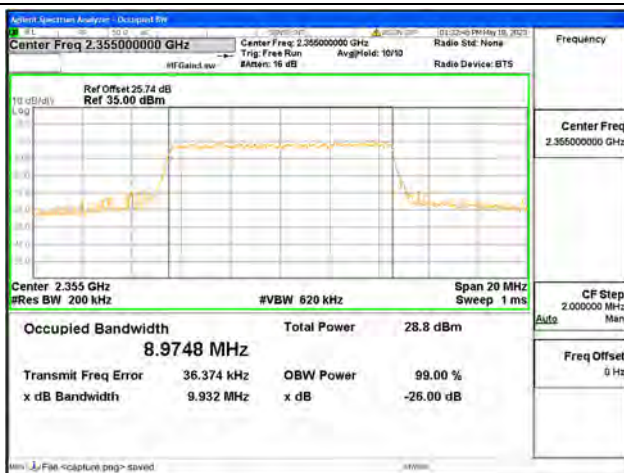
Band40-2 / 5MHz / 16QAM/ High CH



Band40-2 / 5MHz / 64QAM/ High CH



Band40-2 / 10MHz / QPSK/ Mid CH



Band40-2 / 10MHz / 16QAM/ Mid CH



Band40-2 / 10MHz / 64QAM/ Mid CH



Band41 / 5MHz / QPSK/ Low CH



Band41 / 5MHz / 16QAM/ Low CH



Band41 / 5MHz / 64QAM/ Low CH



Band41 / 5MHz / QPSK/ Mid CH



Band41 / 5MHz / 16QAM/ Mid CH



Band41 / 5MHz / 64QAM/ Mid CH



Band41 / 5MHz / QPSK/ High CH



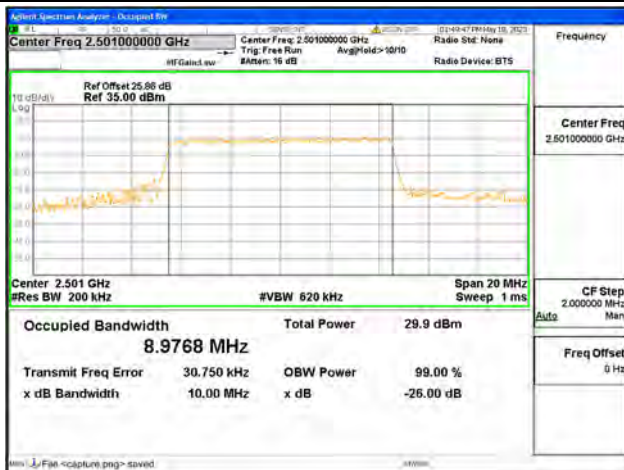
Band41 / 5MHz / 16QAM/ High CH



Band41 / 5MHz / 64QAM/ High CH



Band41 / 10MHz / QPSK/ Low CH



Band41 / 10MHz / 16QAM/ Low CH



Band41 / 10MHz / 64QAM/ Low CH