



TEST REPORT

APPLICANT : Realme Chongqing Mobile
: Telecommunications Corp., Ltd.

PRODUCT NAME : Mobile Phone

MODEL NAME : RMX3871

BRAND NAME : realme

FCC ID : 2AUYFRMX3871

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

RECEIPT DATE : 2024-04-17

TEST DATE : 2024-04-19 to 2024-05-20

ISSUE DATE : 2024-06-05



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Change History		
Version	Date	Reason for change
1.0	2024-06-05	First edition



1. Technical Information

Note: Provide by applicant.

1.1. Applicant and Manufacturer Information

Applicant:	Realme Chongqing Mobile Telecommunications Corp., Ltd.
Applicant Address:	No.178 Yulong Avenue, Yufengshan, Yubei District, Chongqing, China
Manufacturer:	Realme Chongqing Mobile Telecommunications Corp., Ltd.
Manufacturer Address:	No.178 Yulong Avenue, Yufengshan, Yubei District, Chongqing, China

1.2. Equipment Under Test (EUT) Description

Product Name:	Mobile Phone	
Sample No.:	9#	
Hardware Version:	11	
Software Version:	realme UI 5.0	
Modulation Type:	QPSK, 16QAM, 64QAM	
Carrier Aggregation:	Not Support	
Operation Band:	Band 2 / 4 / 5 / 7 / 12 / 13 / 17 / 38 / 41 / 66	
Frequency Range:	LTE Band 2	Tx: 1850MHz–1910MHz
		Rx: 1930MHz–1990MHz
	LTE Band 4	Tx: 1710MHz–1755MHz
		Rx: 2110MHz–2155MHz
	LTE Band 5	Tx: 824MHz–849MHz
		Rx: 869MHz–894MHz
	LTE Band 7	Tx: 2500MHz–2570MHz
		Rx: 2620MHz–2690MHz
	LTE Band 12	Tx: 699MHz–716MHz
		Rx: 729MHz–746MHz
	LTE Band 13	Tx: 777MHz–787MHz
		Rx: 746MHz–756MHz
	LTE Band 17	Tx: 704MHz - 716MHz
		Rx: 734MHz – 746MHz



	LTE Band 38	Tx: 2570MHz–2620MHz
		Rx: 2570MHz–2620MHz
	LTE Band 41	Tx: 2535MHz –2655MHz
		Rx: 2535MHz –2655MHz
	LTE Band 66	Tx: 1710MHz –1780MHz
		Rx: 2110MHz –2200MHz
Channel Bandwidth:	LTE Band 2	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
	LTE Band 4	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
	LTE Band 5	1.4MHz, 3MHz, 5MHz, 10MHz
	LTE Band 7	5 MHz, 10MHz, 15MHz, 20MHz
	LTE Band 12	1.4MHz, 3 MHz, 5 MHz, 10MHz
	LTE Band 13	5 MHz, 10MHz
	LTE Band 17	5 MHz, 10MHz
	LTE Band 38	5 MHz, 10MHz, 15MHz, 20MHz
	LTE Band 41	5 MHz, 10MHz, 15MHz, 20MHz
	LTE Band 66	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
Antenna Type:	Inverted F Antenna	
Antenna Gain:	LTE Band 2	ANT0: -1.18dBi; ANT1: 1.09dBi
	LTE Band 4	ANT0: -1.07dBi; ANT1: -2.59dBi
	LTE Band 5	ANT0: -5.63dBi; ANT1: -6.28dBi
	LTE Band 7	ANT0: 0.14dBi; ANT1: -0.96dBi
	LTE Band 12	ANT0: -4.00dBi; ANT1: -7.61dBi
	LTE Band 13	ANT0: -4.00dBi; ANT1: -7.61dBi
	LTE Band 17	ANT0: -4.00dBi; ANT1: -7.61dBi
	LTE Band 38	ANT0: 0.14dBi; ANT1: -0.96dBi
	LTE Band 41	ANT0: 0.14dBi; ANT1: -0.96dBi
	LTE Band 66	ANT0: -1.07dBi; ANT1: -2.59dBi
Accessory Information:	Battery 1	
	Brand Name:	SUPERVOOC
	Model No.:	BLPA43
	Serial No.:	N/A
	Capacity:	Typical: 5000mAh, Rated: 4880mAh
	Rated Voltage:	3.89V
	Charge Limit:	4.48V
	Manufacturer:	Chongqing CosMX Battery Co., Ltd.
	Battery 2	



	Brand Name:	SUPERVOOC
	Model No.:	BLPA43
	Serial No.:	N/A
	Capacity:	Typical: 5000mAh, Rated: 4880mAh
	Rated Voltage:	3.89V
	Charge Limit:	4.48V
	Manufacturer:	Sunwoda Electronic Co., Ltd.
	AC Adapter 1	
	Brand Name:	SUPERVOOC
	Model No.:	VCB80AUH
	Serial No.:	N/A
	Rated Output:	5V=2A or 5V-11V=7.3A Max
	Rated Input:	100-240V~50/60Hz, 2A
	Manufacturer:	Dongguan Aohai Technology Co., Ltd.
	AC Adapter 2	
	Brand Name:	SUPERVOOC
	Model No.:	VCB80AUH
	Serial No.:	N/A
	Rated Output:	5V=2A or 5V-11V=7.3A Max
	Rated Input:	100-240V~50/60Hz, 2A
	Manufacturer:	Huizhou Golden Lake Industrial Co., Ltd.
	USB Cable 1	
	Model No.:	DL129
USB Cable 2		
Model No.:	DL153	

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

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

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

LTE Band 2	Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20	0.205	0.150	0.136	17M8G7D	17M8W7D	17M9W7D
15	0.204	0.150	0.135	13M4G7D	13M4W7D	13M4W7D
10	0.203	0.149	0.134	8M94G7D	8M92W7D	8M94W7D
5	0.203	0.148	0.135	4M48G7D	4M47W7D	4M48W7D
3	0.202	0.149	0.134	2M70G7D	2M70W7D	2M70W7D
1.4	0.204	0.151	0.136	1M10G7D	1M10W7D	1M10W7D
LTE Band 4	Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20	0.129	0.091	0.079	17M8G7D	17M9W7D	17M9W7D
15	0.127	0.090	0.078	13M4G7D	13M4W7D	13M4W7D
10	0.128	0.090	0.078	8M95G7D	8M93W7D	8M93W7D
5	0.126	0.090	0.078	4M48G7D	4M47W7D	4M48W7D
3	0.126	0.091	0.077	2M70G7D	2M70W7D	2M70W7D
1.4	0.126	0.098	0.079	1M10G7D	1M10W7D	1M10W7D
LTE Band 5	Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10	0.034	0.026	0.020	8M94G7D	8M92W7D	8M93W7D
5	0.034	0.026	0.020	4M47G7D	4M48W7D	4M48W7D
3	0.034	0.025	0.020	2M70G7D	2M70W7D	2M71W7D
1.4	0.034	0.026	0.021	1M10G7D	1M10W7D	1M10W7D
LTE Band 7	Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20	0.171	0.126	0.104	17M8G7D	17M8W7D	17M9W7D
15	0.169	0.125	0.104	13M4G7D	13M4W7D	13M4W7D
10	0.167	0.126	0.104	8M94G7D	8M92W7D	8M94W7D
5	0.171	0.126	0.103	4M47G7D	4M47W7D	4M48W7D
LTE Band 12	Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10	0.052	0.040	0.032	8M96G7D	8M93W7D	8M95W7D
5	0.051	0.040	0.032	4M47G7D	4M47W7D	4M48W7D
3	0.051	0.039	0.032	2M70G7D	2M70W7D	2M71W7D
1.4	0.050	0.039	0.033	1M10G7D	1M10W7D	1M10W7D



LTE Band 13	Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10	0.052	0.039	0.031	8M93G7D	8M91W7D	8M92W7D
5	0.052	0.039	0.031	4M47G7D	4M47W7D	4M47W7D
LTE Band 17	Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10	0.051	0.038	0.031	8M95G7D	8M92W7D	8M93W7D
5	0.051	0.038	0.031	4M47G7D	4M47W7D	4M48W7D
LTE Band 38	Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20	0.191	0.144	0.116	17M8G7D	17M8W7D	17M9W7D
15	0.190	0.144	0.116	13M4G7D	13M4W7D	13M4W7D
10	0.188	0.144	0.116	8M93G7D	8M92W7D	8M92W7D
5	0.188	0.143	0.114	4M47G7D	4M47W7D	4M48W7D
LTE Band 41	Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20	0.195	0.139	0.117	17M9G7D	17M8W7D	17M8W7D
15	0.191	0.136	0.116	13M4G7D	13M4W7D	13M4W7D
10	0.192	0.136	0.115	8M93G7D	8M92W7D	8M93W7D
5	0.193	0.136	0.116	4M47G7D	4M47W7D	4M48W7D
LTE Band 66	Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20	0.158	0.118	0.095	17M8G7D	17M9W7D	17M9W7D
15	0.157	0.117	0.093	13M4G7D	13M4W7D	13M4W7D
10	0.156	0.117	0.095	8M93G7D	8M92W7D	8M94W7D
5	0.155	0.116	0.094	4M47G7D	4M48W7D	4M48W7D
3	0.156	0.117	0.095	2M70G7D	2M70W7D	2M71W7D
1.4	0.156	0.118	0.094	1M10G7D	1M10W7D	1M10W7D



1.4. Test Standards and Results

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

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

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

Section	Description	Test Date	Test Engineer	Result	Method Determination /Remark
2.1046 22.913(a)(2) 24.232(c) 27.50(b)(10) 27.50(c)(10) 27.50(d)(4) 27.50(h)(2)	Transmitter Conducted Output Power and E.R.P./E.I.R.P.	May 20, 2024	Chen Hao Gan Jing	PASS	No deviation
2.1049	Occupied Bandwidth	Apr. 20, 2024	Gan Jing	PASS	No deviation
2.1055 22.355 24.235 27.54	Frequency Stability	May 20, 2024	Gan Jing	PASS	No deviation
24.232(d), 27.50(d)(5)	Peak to Average Radio	Apr. 20, 2024	Gan Jing	PASS	No deviation
2.1051 22.917(a) 24.238(a) 27.53(c)(2) 27.53(g) 27.53(h) 27.53(m)(4)	Conducted Spurious Emissions	Apr. 20, 2024	Gan Jing	PASS	No deviation
2.1051 22.917(a)	Band Edge	Apr. 19, 2024	Gan Jing	PASS	No deviation



24.238(a) 27.53(c)(2) 27.53(g) 27.53(h) 27.53(m)(4)					
2.1053 22.917(a) 24.238(a) 27.53(c)(2) 27.53(g) 27.53(h) 27.53(m)(4)	Radiated Spurious Emissions	Apr. 23, 2024 May 14, 2024	Gao Jianrou	PASS	No deviation

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

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

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

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

1.5. Environmental Conditions

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

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



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

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

2.1.1. Requirement

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

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

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

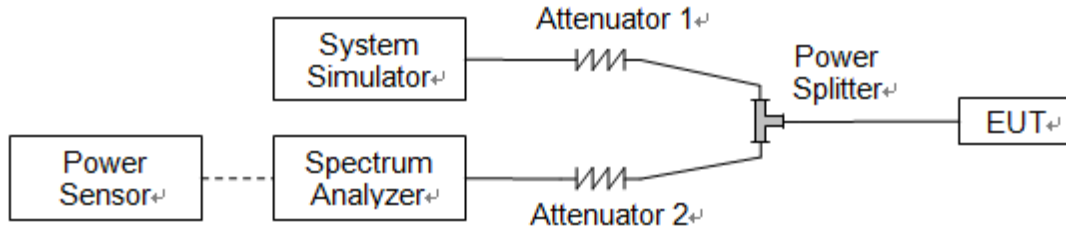
According to FCC section 22.913 (a)(2) for LTE Band 5, the E.R.P. of mobile transmitters and auxiliary test transmitters must not exceed 7 watts.

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

2.1.2. Test Description



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

2.1.3. Test Procedure

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

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

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



2.1.4. Result

Conducted Output Power:

LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18700	18900	19100
Frequency (MHz)				1860	1880	1900
20	QPSK	1	0	22.01	22.03	21.95
20	QPSK	1	49	21.94	22.00	21.91
20	QPSK	1	99	21.68	21.75	21.72
20	QPSK	50	0	20.70	20.76	20.75
20	QPSK	50	24	20.64	20.73	20.69
20	QPSK	50	50	20.63	20.68	20.65
20	QPSK	100	0	20.68	20.69	20.62
20	16QAM	1	0	20.49	20.58	20.56
20	16QAM	1	49	20.66	20.68	20.60
20	16QAM	1	99	20.32	20.39	20.35
20	16QAM	50	0	19.91	19.93	19.87
20	16QAM	50	24	19.83	19.85	19.82
20	16QAM	50	50	19.91	19.92	19.89
20	16QAM	100	0	19.84	19.89	19.79
20	64QAM	1	0	20.18	20.24	20.26
20	64QAM	1	49	20.19	20.22	20.15
20	64QAM	1	99	19.81	19.85	19.83
20	64QAM	50	0	18.72	18.82	18.72
20	64QAM	50	24	18.81	18.84	18.76
20	64QAM	50	50	18.71	18.80	18.75
20	64QAM	100	0	18.77	18.79	18.73



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	21.99	22.00	21.88
15	QPSK	1	37	21.93	21.91	21.88
15	QPSK	1	74	21.66	21.70	21.65
15	QPSK	36	0	20.60	20.71	20.70
15	QPSK	36	20	20.61	20.68	20.60
15	QPSK	36	39	20.55	20.64	20.63
15	QPSK	75	0	20.60	20.60	20.53
15	16QAM	1	0	20.41	20.54	20.52
15	16QAM	1	37	20.59	20.66	20.56
15	16QAM	1	74	20.22	20.35	20.26
15	16QAM	36	0	19.87	19.83	19.80
15	16QAM	36	20	19.78	19.75	19.79
15	16QAM	36	39	19.87	19.91	19.85
15	16QAM	75	0	19.74	19.88	19.71
15	64QAM	1	0	20.09	20.20	20.19
15	64QAM	1	37	20.15	20.16	20.07
15	64QAM	1	74	19.76	19.83	19.79
15	64QAM	36	0	18.67	18.80	18.64
15	64QAM	36	20	18.79	18.82	18.71
15	64QAM	36	39	18.67	18.77	18.71
15	64QAM	75	0	18.69	18.72	18.68



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	21.98	21.94	21.89
10	QPSK	1	25	21.87	21.99	21.89
10	QPSK	1	49	21.58	21.69	21.67
10	QPSK	25	0	20.64	20.68	20.65
10	QPSK	25	12	20.57	20.70	20.67
10	QPSK	25	25	20.53	20.63	20.61
10	QPSK	50	0	20.67	20.59	20.54
10	16QAM	1	0	20.44	20.55	20.49
10	16QAM	1	25	20.64	20.58	20.50
10	16QAM	1	49	20.29	20.34	20.33
10	16QAM	25	0	19.84	19.88	19.80
10	16QAM	25	12	19.77	19.80	19.81
10	16QAM	25	25	19.84	19.85	19.79
10	16QAM	50	0	19.75	19.84	19.72
10	64QAM	1	0	20.11	20.17	20.19
10	64QAM	1	25	20.13	20.15	20.09
10	64QAM	1	49	19.74	19.80	19.77
10	64QAM	25	0	18.71	18.77	18.65
10	64QAM	25	12	18.75	18.76	18.72
10	64QAM	25	25	18.65	18.77	18.74
10	64QAM	50	0	18.76	18.75	18.65



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	21.98	21.98	21.93
5	QPSK	1	12	21.93	21.97	21.84
5	QPSK	1	24	21.67	21.74	21.68
5	QPSK	12	0	20.65	20.69	20.69
5	QPSK	12	7	20.61	20.69	20.61
5	QPSK	12	13	20.58	20.67	20.64
5	QPSK	25	0	20.67	20.61	20.56
5	16QAM	1	0	20.40	20.50	20.53
5	16QAM	1	12	20.58	20.60	20.52
5	16QAM	1	24	20.26	20.38	20.31
5	16QAM	12	0	19.84	19.87	19.83
5	16QAM	12	7	19.82	19.82	19.77
5	16QAM	12	13	19.86	19.82	19.87
5	16QAM	25	0	19.76	19.86	19.72
5	64QAM	1	0	20.15	20.16	20.16
5	64QAM	1	12	20.10	20.20	20.06
5	64QAM	1	24	19.73	19.77	19.78
5	64QAM	12	0	18.66	18.79	18.71
5	64QAM	12	7	18.78	18.77	18.73
5	64QAM	12	13	18.67	18.75	18.71
5	64QAM	25	0	18.76	18.72	18.65



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	21.96	21.94	21.86
3	QPSK	1	8	21.92	21.94	21.83
3	QPSK	1	14	21.65	21.68	21.68
3	QPSK	8	0	20.62	20.69	20.66
3	QPSK	8	4	20.56	20.66	20.59
3	QPSK	8	7	20.57	20.58	20.58
3	QPSK	15	0	20.67	20.67	20.55
3	16QAM	1	0	20.46	20.57	20.50
3	16QAM	1	8	20.59	20.64	20.57
3	16QAM	1	14	20.28	20.31	20.30
3	16QAM	8	0	19.89	19.83	19.83
3	16QAM	8	4	19.74	19.78	19.74
3	16QAM	8	7	19.83	19.83	19.83
3	16QAM	15	0	19.76	19.80	19.69
3	64QAM	1	0	20.17	20.14	20.16
3	64QAM	1	8	20.16	20.19	20.07
3	64QAM	1	14	19.71	19.80	19.81
3	64QAM	8	0	18.71	18.79	18.65
3	64QAM	8	4	18.71	18.77	18.75
3	64QAM	8	7	18.63	18.72	18.68
3	64QAM	15	0	18.76	18.74	18.70



LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18607	18900	19193
Frequency (MHz)				1850.7	1880	1909.3
1.4	QPSK	1	0	21.94	22.01	21.86
1.4	QPSK	1	3	21.87	21.97	21.83
1.4	QPSK	1	5	21.61	21.71	21.68
1.4	QPSK	3	0	21.42	21.49	21.46
1.4	QPSK	3	1	21.42	21.47	21.43
1.4	QPSK	3	3	21.42	21.39	21.36
1.4	QPSK	6	0	20.63	20.62	20.56
1.4	16QAM	1	0	20.47	20.55	20.46
1.4	16QAM	1	3	20.62	20.65	20.54
1.4	16QAM	1	5	20.26	20.38	20.27
1.4	16QAM	3	0	20.64	20.64	20.57
1.4	16QAM	3	1	20.55	20.62	20.56
1.4	16QAM	3	3	20.63	20.70	20.65
1.4	16QAM	6	0	19.74	19.87	19.72
1.4	64QAM	1	0	20.08	20.21	20.25
1.4	64QAM	1	3	20.18	20.20	20.09
1.4	64QAM	1	5	19.76	19.79	19.81
1.4	64QAM	3	0	19.50	19.58	19.50
1.4	64QAM	3	1	19.55	19.63	19.47
1.4	64QAM	3	3	19.46	19.52	19.54
1.4	64QAM	6	0	18.67	18.72	18.71



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	21.89	22.05	22.16
20	QPSK	1	49	21.83	22.00	22.06
20	QPSK	1	99	21.69	21.92	21.93
20	QPSK	50	0	20.63	20.84	20.93
20	QPSK	50	24	20.57	20.71	20.81
20	QPSK	50	50	20.43	20.60	20.70
20	QPSK	100	0	20.57	20.77	20.81
20	16QAM	1	0	20.42	20.62	20.66
20	16QAM	1	49	20.36	20.58	20.65
20	16QAM	1	99	20.30	20.51	20.59
20	16QAM	50	0	19.78	20.03	20.05
20	16QAM	50	24	19.74	19.96	19.97
20	16QAM	50	50	19.66	19.81	19.89
20	16QAM	100	0	19.59	19.88	19.89
20	64QAM	1	0	19.76	19.99	20.02
20	64QAM	1	49	19.72	19.95	19.98
20	64QAM	1	99	19.74	19.96	20.00
20	64QAM	50	0	18.81	19.09	19.10
20	64QAM	50	24	18.73	18.91	18.95
20	64QAM	50	50	18.63	18.85	18.88
20	64QAM	100	0	18.56	18.74	18.82



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	21.80	21.95	22.10
15	QPSK	1	37	21.76	21.95	21.99
15	QPSK	1	74	21.68	21.89	21.91
15	QPSK	36	0	20.59	20.79	20.88
15	QPSK	36	20	20.56	20.64	20.80
15	QPSK	36	39	20.43	20.54	20.62
15	QPSK	75	0	20.56	20.69	20.72
15	16QAM	1	0	20.37	20.60	20.61
15	16QAM	1	37	20.35	20.57	20.61
15	16QAM	1	74	20.28	20.50	20.51
15	16QAM	36	0	19.76	19.96	20.02
15	16QAM	36	20	19.66	19.95	19.91
15	16QAM	36	39	19.65	19.72	19.80
15	16QAM	75	0	19.56	19.85	19.88
15	64QAM	1	0	19.66	19.96	19.93
15	64QAM	1	37	19.71	19.92	19.96
15	64QAM	1	74	19.72	19.93	19.98
15	64QAM	36	0	18.80	19.06	19.04
15	64QAM	36	20	18.69	18.86	18.94
15	64QAM	36	39	18.58	18.79	18.84
15	64QAM	75	0	18.51	18.71	18.81



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	21.84	21.99	22.14
10	QPSK	1	25	21.79	21.98	22.02
10	QPSK	1	49	21.65	21.84	21.89
10	QPSK	25	0	20.58	20.77	20.88
10	QPSK	25	12	20.53	20.67	20.77
10	QPSK	25	25	20.39	20.54	20.61
10	QPSK	50	0	20.48	20.75	20.75
10	16QAM	1	0	20.40	20.53	20.56
10	16QAM	1	25	20.29	20.56	20.60
10	16QAM	1	49	20.28	20.43	20.56
10	16QAM	25	0	19.68	20.02	20.02
10	16QAM	25	12	19.70	19.88	19.91
10	16QAM	25	25	19.56	19.74	19.86
10	16QAM	50	0	19.49	19.83	19.86
10	64QAM	1	0	19.66	19.95	20.01
10	64QAM	1	25	19.71	19.90	19.92
10	64QAM	1	49	19.64	19.95	19.90
10	64QAM	25	0	18.73	19.04	19.04
10	64QAM	25	12	18.63	18.81	18.91
10	64QAM	25	25	18.56	18.79	18.79
10	64QAM	50	0	18.49	18.73	18.81



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	21.85	22.00	22.08
5	QPSK	1	12	21.81	21.95	21.99
5	QPSK	1	24	21.64	21.90	21.83
5	QPSK	12	0	20.58	20.74	20.84
5	QPSK	12	7	20.49	20.65	20.73
5	QPSK	12	13	20.35	20.57	20.61
5	QPSK	25	0	20.52	20.68	20.74
5	16QAM	1	0	20.33	20.57	20.58
5	16QAM	1	12	20.30	20.50	20.61
5	16QAM	1	24	20.28	20.42	20.50
5	16QAM	12	0	19.75	20.02	19.97
5	16QAM	12	7	19.69	19.90	19.92
5	16QAM	12	13	19.59	19.80	19.81
5	16QAM	25	0	19.57	19.82	19.80
5	64QAM	1	0	19.67	19.89	20.01
5	64QAM	1	12	19.65	19.92	19.95
5	64QAM	1	24	19.73	19.89	19.92
5	64QAM	12	0	18.77	19.03	19.02
5	64QAM	12	7	18.70	18.81	18.85
5	64QAM	12	13	18.59	18.77	18.79
5	64QAM	25	0	18.53	18.64	18.77



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	21.82	22.02	22.08
3	QPSK	1	8	21.76	21.99	22.01
3	QPSK	1	14	21.62	21.83	21.83
3	QPSK	8	0	20.53	20.74	20.87
3	QPSK	8	4	20.51	20.68	20.71
3	QPSK	8	7	20.40	20.53	20.61
3	QPSK	15	0	20.49	20.75	20.77
3	16QAM	1	0	20.39	20.52	20.65
3	16QAM	1	8	20.28	20.56	20.55
3	16QAM	1	14	20.24	20.47	20.52
3	16QAM	8	0	19.77	20.02	19.99
3	16QAM	8	4	19.67	19.92	19.87
3	16QAM	8	7	19.64	19.79	19.86
3	16QAM	15	0	19.54	19.84	19.87
3	64QAM	1	0	19.75	19.92	19.93
3	64QAM	1	8	19.71	19.87	19.88
3	64QAM	1	14	19.68	19.92	19.95
3	64QAM	8	0	18.76	19.00	19.00
3	64QAM	8	4	18.63	18.83	18.93
3	64QAM	8	7	18.53	18.76	18.82
3	64QAM	15	0	18.49	18.65	18.81



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	21.80	22.01	22.09
1.4	QPSK	1	3	21.78	21.97	22.01
1.4	QPSK	1	5	21.66	21.90	21.85
1.4	QPSK	3	0	21.59	21.80	21.88
1.4	QPSK	3	1	21.58	21.61	21.74
1.4	QPSK	3	3	21.47	21.52	21.65
1.4	QPSK	6	0	20.54	20.75	20.71
1.4	16QAM	1	0	20.38	20.52	20.65
1.4	16QAM	1	3	20.31	20.49	20.57
1.4	16QAM	1	5	20.26	20.43	20.56
1.4	16QAM	3	0	20.70	21.00	20.95
1.4	16QAM	3	1	20.68	20.90	20.90
1.4	16QAM	3	3	20.60	20.76	20.86
1.4	16QAM	6	0	19.52	19.81	19.85
1.4	64QAM	1	0	19.70	19.94	19.95
1.4	64QAM	1	3	19.71	19.90	19.97
1.4	64QAM	1	5	19.73	19.88	19.93
1.4	64QAM	3	0	19.77	19.99	20.05
1.4	64QAM	3	1	19.63	19.82	19.94
1.4	64QAM	3	3	19.59	19.76	19.83
1.4	64QAM	6	0	18.55	18.68	18.72



LTE Band 5						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20450	20525	20600
Frequency (MHz)				829	836.5	844
10	QPSK	1	0	23.05	23.10	23.09
10	QPSK	1	25	22.96	23.02	22.99
10	QPSK	1	49	22.91	23.00	22.97
10	QPSK	25	0	21.98	21.99	21.98
10	QPSK	25	12	21.92	21.95	21.88
10	QPSK	25	25	21.88	21.92	21.86
10	QPSK	50	0	21.87	21.91	21.85
10	16QAM	1	0	21.81	21.88	21.84
10	16QAM	1	25	21.80	21.85	21.81
10	16QAM	1	49	21.69	21.73	21.65
10	16QAM	25	0	20.88	20.94	20.89
10	16QAM	25	12	20.88	20.90	20.87
10	16QAM	25	25	20.84	20.88	20.84
10	16QAM	50	0	20.80	20.86	20.78
10	64QAM	1	0	20.71	20.80	20.79
10	64QAM	1	25	20.73	20.77	20.73
10	64QAM	1	49	20.70	20.72	20.66
10	64QAM	25	0	20.01	20.03	19.94
10	64QAM	25	12	19.98	20.00	19.90
10	64QAM	25	25	20.02	20.04	20.01
10	64QAM	50	0	19.92	20.02	19.98



LTE Band 5						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20425	20525	20625
Frequency (MHz)				826.5	836.5	846.5
5	QPSK	1	0	23.01	23.04	23.03
5	QPSK	1	12	22.86	22.93	22.91
5	QPSK	1	24	22.89	22.91	22.89
5	QPSK	12	0	21.94	21.95	21.94
5	QPSK	12	7	21.82	21.93	21.81
5	QPSK	12	13	21.78	21.88	21.85
5	QPSK	25	0	21.85	21.89	21.76
5	16QAM	1	0	21.72	21.87	21.76
5	16QAM	1	12	21.79	21.81	21.75
5	16QAM	1	24	21.68	21.63	21.58
5	16QAM	12	0	20.81	20.93	20.85
5	16QAM	12	7	20.81	20.83	20.86
5	16QAM	12	13	20.82	20.82	20.80
5	16QAM	25	0	20.79	20.78	20.73
5	64QAM	1	0	20.64	20.74	20.77
5	64QAM	1	12	20.72	20.71	20.70
5	64QAM	1	24	20.64	20.69	20.60
5	64QAM	12	0	20.00	19.99	19.88
5	64QAM	12	7	19.94	19.99	19.86
5	64QAM	12	13	19.92	19.96	19.92
5	64QAM	25	0	19.88	19.98	19.93



LTE Band 5						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20415	20525	20635
Frequency (MHz)				825.5	836.5	847.5
3	QPSK	1	0	23.04	23.03	22.99
3	QPSK	1	8	22.86	23.00	22.89
3	QPSK	1	14	22.89	22.92	22.94
3	QPSK	8	0	21.95	21.94	21.95
3	QPSK	8	4	21.88	21.89	21.84
3	QPSK	8	7	21.83	21.88	21.81
3	QPSK	15	0	21.80	21.87	21.81
3	16QAM	1	0	21.77	21.79	21.83
3	16QAM	1	8	21.75	21.82	21.80
3	16QAM	1	14	21.64	21.69	21.59
3	16QAM	8	0	20.86	20.87	20.83
3	16QAM	8	4	20.87	20.86	20.83
3	16QAM	8	7	20.74	20.78	20.79
3	16QAM	15	0	20.74	20.85	20.77
3	64QAM	1	0	20.63	20.75	20.69
3	64QAM	1	8	20.68	20.74	20.67
3	64QAM	1	14	20.66	20.63	20.60
3	64QAM	8	0	19.91	19.95	19.91
3	64QAM	8	4	19.90	19.93	19.80
3	64QAM	8	7	19.94	19.98	19.97
3	64QAM	15	0	19.85	19.99	19.96



LTE Band 5						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20407	20525	20643
Frequency (MHz)				824.7	836.5	848.3
1.4	QPSK	1	0	23.03	23.00	23.08
1.4	QPSK	1	3	22.92	22.93	22.96
1.4	QPSK	1	5	22.85	22.99	22.89
1.4	QPSK	3	0	22.81	22.85	22.89
1.4	QPSK	3	1	22.81	22.87	22.80
1.4	QPSK	3	3	22.77	22.77	22.77
1.4	QPSK	6	0	21.84	21.84	21.75
1.4	16QAM	1	0	21.79	21.85	21.80
1.4	16QAM	1	3	21.77	21.79	21.77
1.4	16QAM	1	5	21.68	21.63	21.60
1.4	16QAM	3	0	21.79	21.84	21.74
1.4	16QAM	3	1	21.80	21.81	21.70
1.4	16QAM	3	3	21.73	21.79	21.67
1.4	16QAM	6	0	20.75	20.83	20.75
1.4	64QAM	1	0	20.70	20.79	20.74
1.4	64QAM	1	3	20.69	20.71	20.72
1.4	64QAM	1	5	20.62	20.63	20.58
1.4	64QAM	3	0	20.86	20.89	20.83
1.4	64QAM	3	1	20.87	20.87	20.78
1.4	64QAM	3	3	20.88	20.90	20.90
1.4	64QAM	6	0	19.86	20.00	19.93



LTE Band 7						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20850	21100	21350
Frequency (MHz)				2510	2535	2560
20	QPSK	1	0	22.14	22.20	22.15
20	QPSK	1	49	22.11	22.18	22.10
20	QPSK	1	99	21.98	22.15	22.02
20	QPSK	50	0	20.89	20.99	20.97
20	QPSK	50	24	20.95	21.02	21.01
20	QPSK	50	50	20.96	20.97	20.90
20	QPSK	100	0	20.92	20.95	20.86
20	16QAM	1	0	20.51	20.61	20.58
20	16QAM	1	49	20.83	20.88	20.86
20	16QAM	1	99	20.81	20.83	20.75
20	16QAM	50	0	19.99	20.00	19.93
20	16QAM	50	24	20.06	20.11	20.08
20	16QAM	50	50	19.96	19.97	19.95
20	16QAM	100	0	19.89	19.92	19.87
20	64QAM	1	0	19.95	19.96	19.86
20	64QAM	1	49	20.00	20.01	19.94
20	64QAM	1	99	19.99	20.03	20.01
20	64QAM	50	0	18.91	18.99	18.98
20	64QAM	50	24	18.94	19.04	19.00
20	64QAM	50	50	18.93	18.99	18.95
20	64QAM	100	0	18.93	19.01	18.97



LTE Band 7						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20825	21100	21375
Frequency (MHz)				2507.5	2535	2562.5
15	QPSK	1	0	22.10	22.13	22.10
15	QPSK	1	37	22.06	22.15	22.00
15	QPSK	1	74	21.88	22.14	22.00
15	QPSK	36	0	20.82	20.94	20.90
15	QPSK	36	20	20.94	20.95	20.91
15	QPSK	36	39	20.94	20.96	20.85
15	QPSK	75	0	20.84	20.94	20.84
15	16QAM	1	0	20.47	20.58	20.51
15	16QAM	1	37	20.82	20.81	20.81
15	16QAM	1	74	20.78	20.80	20.66
15	16QAM	36	0	19.96	19.94	19.91
15	16QAM	36	20	20.01	20.01	19.99
15	16QAM	36	39	19.92	19.91	19.93
15	16QAM	75	0	19.80	19.86	19.78
15	64QAM	1	0	19.85	19.91	19.85
15	64QAM	1	37	19.96	19.97	19.84
15	64QAM	1	74	19.98	20.01	20.00
15	64QAM	36	0	18.82	18.91	18.97
15	64QAM	36	20	18.88	18.98	18.94
15	64QAM	36	39	18.90	18.89	18.92
15	64QAM	75	0	18.87	18.98	18.91



LTE Band 7						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20800	21100	21400
Frequency (MHz)				2505	2535	2565
10	QPSK	1	0	22.06	22.10	22.09
10	QPSK	1	25	22.06	22.05	22.05
10	QPSK	1	49	21.93	22.01	22.01
10	QPSK	25	0	20.87	20.89	20.89
10	QPSK	25	12	20.91	20.95	20.93
10	QPSK	25	25	20.95	20.93	20.85
10	QPSK	50	0	20.82	20.94	20.81
10	16QAM	1	0	20.47	20.52	20.54
10	16QAM	1	25	20.79	20.87	20.79
10	16QAM	1	49	20.76	20.75	20.65
10	16QAM	25	0	19.91	19.94	19.91
10	16QAM	25	12	19.99	20.10	20.03
10	16QAM	25	25	19.93	19.87	19.85
10	16QAM	50	0	19.84	19.88	19.78
10	64QAM	1	0	19.93	19.89	19.84
10	64QAM	1	25	19.97	19.92	19.88
10	64QAM	1	49	19.97	20.01	19.96
10	64QAM	25	0	18.84	18.93	18.93
10	64QAM	25	12	18.91	19.00	18.94
10	64QAM	25	25	18.84	18.97	18.88
10	64QAM	50	0	18.86	18.96	18.92



LTE Band 7						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20775	21100	21425
Frequency (MHz)				2502.5	2535	2567.5
5	QPSK	1	0	22.08	22.18	22.07
5	QPSK	1	12	22.01	22.10	22.09
5	QPSK	1	24	21.92	22.08	21.98
5	QPSK	12	0	20.87	20.96	20.96
5	QPSK	12	7	20.91	20.93	20.95
5	QPSK	12	13	20.87	20.93	20.86
5	QPSK	25	0	20.87	20.91	20.85
5	16QAM	1	0	20.43	20.54	20.53
5	16QAM	1	12	20.75	20.87	20.80
5	16QAM	1	24	20.78	20.74	20.74
5	16QAM	12	0	19.89	19.92	19.83
5	16QAM	12	7	19.97	20.04	20.07
5	16QAM	12	13	19.89	19.88	19.91
5	16QAM	25	0	19.85	19.90	19.86
5	64QAM	1	0	19.94	19.87	19.79
5	64QAM	1	12	19.96	19.92	19.89
5	64QAM	1	24	19.98	19.95	19.97
5	64QAM	12	0	18.84	18.92	18.88
5	64QAM	12	7	18.91	18.94	18.98
5	64QAM	12	13	18.88	18.97	18.94
5	64QAM	25	0	18.92	19.00	18.90



LTE Band 12						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23060	23095	23130
Frequency (MHz)				704	707.5	711
10	QPSK	1	0	23.02	23.12	23.29
10	QPSK	1	25	22.99	23.06	23.25
10	QPSK	1	49	23.01	22.98	23.24
10	QPSK	25	0	21.95	21.96	22.21
10	QPSK	25	12	21.93	21.89	22.17
10	QPSK	25	25	21.95	22.01	22.20
10	QPSK	50	0	21.91	21.94	22.18
10	16QAM	1	0	21.93	21.87	22.13
10	16QAM	1	25	21.88	21.91	22.10
10	16QAM	1	49	21.80	21.85	22.08
10	16QAM	25	0	21.01	20.98	21.22
10	16QAM	25	12	20.94	20.98	21.17
10	16QAM	25	25	20.87	20.93	21.15
10	16QAM	50	0	20.92	20.92	21.11
10	64QAM	1	0	21.00	21.06	21.25
10	64QAM	1	25	21.00	21.02	21.22
10	64QAM	1	49	20.91	20.92	21.14
10	64QAM	25	0	20.15	20.15	20.39
10	64QAM	25	12	20.08	20.10	20.33
10	64QAM	25	25	20.00	20.03	20.28
10	64QAM	50	0	20.00	20.01	20.22



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	22.96	23.08	23.19
5	QPSK	1	12	22.89	23.01	23.17
5	QPSK	1	24	22.94	22.91	23.16
5	QPSK	12	0	21.89	21.88	22.15
5	QPSK	12	7	21.84	21.87	22.07
5	QPSK	12	13	21.87	21.91	22.15
5	QPSK	25	0	21.81	21.92	22.17
5	16QAM	1	0	21.90	21.78	22.12
5	16QAM	1	12	21.79	21.90	22.03
5	16QAM	1	24	21.73	21.77	21.98
5	16QAM	12	0	20.92	20.95	21.18
5	16QAM	12	7	20.84	20.91	21.15
5	16QAM	12	13	20.77	20.85	21.11
5	16QAM	25	0	20.85	20.89	21.08
5	64QAM	1	0	20.95	21.00	21.19
5	64QAM	1	12	20.94	20.93	21.17
5	64QAM	1	24	20.84	20.90	21.10
5	64QAM	12	0	20.11	20.08	20.30
5	64QAM	12	7	19.99	20.06	20.27
5	64QAM	12	13	19.98	19.95	20.25
5	64QAM	25	0	19.92	19.97	20.19



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	22.93	23.09	23.21
3	QPSK	1	8	22.91	22.99	23.16
3	QPSK	1	14	22.96	22.88	23.15
3	QPSK	8	0	21.94	21.87	22.14
3	QPSK	8	4	21.90	21.87	22.09
3	QPSK	8	7	21.91	22.00	22.13
3	QPSK	15	0	21.84	21.89	22.09
3	16QAM	1	0	21.88	21.81	22.08
3	16QAM	1	8	21.81	21.88	22.09
3	16QAM	1	14	21.75	21.78	22.06
3	16QAM	8	0	20.99	20.89	21.15
3	16QAM	8	4	20.93	20.92	21.16
3	16QAM	8	7	20.83	20.85	21.14
3	16QAM	15	0	20.89	20.88	21.06
3	64QAM	1	0	20.97	21.04	21.23
3	64QAM	1	8	20.95	21.00	21.17
3	64QAM	1	14	20.89	20.86	21.07
3	64QAM	8	0	20.12	20.09	20.29
3	64QAM	8	4	19.98	20.02	20.27
3	64QAM	8	7	19.91	20.01	20.19
3	64QAM	15	0	19.99	19.94	20.15



LTE Band 12						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23017	23095	23173
Frequency (MHz)				699.7	707.5	715.3
1.4	QPSK	1	0	23.00	23.06	23.18
1.4	QPSK	1	3	22.97	22.99	23.15
1.4	QPSK	1	5	22.91	22.94	23.13
1.4	QPSK	3	0	22.88	22.88	23.06
1.4	QPSK	3	1	22.78	22.73	23.03
1.4	QPSK	3	3	22.79	22.92	23.05
1.4	QPSK	6	0	21.83	21.93	22.10
1.4	16QAM	1	0	21.92	21.77	22.11
1.4	16QAM	1	3	21.79	21.81	22.05
1.4	16QAM	1	5	21.76	21.84	21.99
1.4	16QAM	3	0	21.90	21.91	22.08
1.4	16QAM	3	1	21.80	21.84	22.07
1.4	16QAM	3	3	21.77	21.78	22.02
1.4	16QAM	6	0	20.85	20.91	21.02
1.4	64QAM	1	0	20.94	20.98	21.21
1.4	64QAM	1	3	20.91	20.94	21.15
1.4	64QAM	1	5	20.84	20.91	21.09
1.4	64QAM	3	0	20.99	21.06	21.28
1.4	64QAM	3	1	20.96	20.94	21.17
1.4	64QAM	3	3	20.85	20.96	21.14
1.4	64QAM	6	0	19.90	19.94	20.14



LTE Band 13						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				/	23230	/
Frequency (MHz)				/	782	/
10	QPSK	1	0	/	23.34	/
10	QPSK	1	25	/	23.27	/
10	QPSK	1	49	/	23.10	/
10	QPSK	25	0	/	22.08	/
10	QPSK	25	12	/	22.03	/
10	QPSK	25	25	/	22.01	/
10	QPSK	50	0	/	22.06	/
10	16QAM	1	0	/	22.05	/
10	16QAM	1	25	/	22.03	/
10	16QAM	1	49	/	21.96	/
10	16QAM	25	0	/	21.12	/
10	16QAM	25	12	/	21.05	/
10	16QAM	25	25	/	21.10	/
10	16QAM	50	0	/	21.07	/
10	64QAM	1	0	/	21.10	/
10	64QAM	1	25	/	21.05	/
10	64QAM	1	49	/	21.01	/
10	64QAM	25	0	/	20.08	/
10	64QAM	25	12	/	20.06	/
10	64QAM	25	25	/	20.03	/
10	64QAM	50	0	/	20.00	/



LTE Band 13						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23205	23230	23255
Frequency (MHz)				779.5	782	784.5
5	QPSK	1	0	23.28	23.32	23.30
5	QPSK	1	12	23.24	23.27	23.25
5	QPSK	1	24	23.06	23.04	23.07
5	QPSK	12	0	22.07	22.05	22.03
5	QPSK	12	7	21.95	21.94	21.99
5	QPSK	12	13	22.00	22.00	21.98
5	QPSK	25	0	21.97	22.01	22.05
5	16QAM	1	0	22.01	21.99	21.96
5	16QAM	1	12	21.97	21.94	21.95
5	16QAM	1	24	21.90	21.87	21.87
5	16QAM	12	0	21.05	21.10	21.07
5	16QAM	12	7	20.96	21.00	20.97
5	16QAM	12	13	21.08	21.00	21.02
5	16QAM	25	0	21.04	20.98	21.06
5	64QAM	1	0	21.02	21.01	21.06
5	64QAM	1	12	20.97	20.98	21.03
5	64QAM	1	24	20.92	20.93	20.98
5	64QAM	12	0	20.07	19.98	20.06
5	64QAM	12	7	19.98	19.98	20.05
5	64QAM	12	13	19.97	20.01	19.97
5	64QAM	25	0	19.95	19.92	19.94



LTE Band 17						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23780	23790	23800
Frequency (MHz)				709	710	711
10	QPSK	1	0	23.24	23.15	23.10
10	QPSK	1	25	23.20	23.12	23.08
10	QPSK	1	49	23.18	23.03	23.06
10	QPSK	25	0	22.08	21.98	21.91
10	QPSK	25	12	22.04	21.94	21.87
10	QPSK	25	25	22.01	21.88	21.87
10	QPSK	50	0	22.06	21.92	21.98
10	16QAM	1	0	21.99	21.90	21.91
10	16QAM	1	25	21.95	21.82	21.82
10	16QAM	1	49	21.93	21.82	21.80
10	16QAM	25	0	21.04	20.88	20.91
10	16QAM	25	12	20.98	20.89	20.83
10	16QAM	25	25	21.03	20.87	20.90
10	16QAM	50	0	20.96	20.83	20.79
10	64QAM	1	0	21.03	20.90	20.86
10	64QAM	1	25	21.00	20.84	20.88
10	64QAM	1	49	20.99	20.83	20.90
10	64QAM	25	0	19.99	19.84	19.87
10	64QAM	25	12	19.94	19.82	19.85
10	64QAM	25	25	19.97	19.82	19.80
10	64QAM	50	0	19.96	19.86	19.80



LTE Band 17						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23755	23790	23825
Frequency (MHz)				706.5	710	713.5
5	QPSK	1	0	23.22	23.11	23.01
5	QPSK	1	12	23.12	23.08	23.05
5	QPSK	1	24	23.10	22.98	22.97
5	QPSK	12	0	22.03	21.95	21.81
5	QPSK	12	7	22.01	21.84	21.80
5	QPSK	12	13	21.95	21.83	21.77
5	QPSK	25	0	22.03	21.88	21.90
5	16QAM	1	0	21.97	21.80	21.85
5	16QAM	1	12	21.93	21.80	21.76
5	16QAM	1	24	21.91	21.79	21.70
5	16QAM	12	0	21.03	20.80	20.90
5	16QAM	12	7	20.96	20.85	20.75
5	16QAM	12	13	20.95	20.80	20.89
5	16QAM	25	0	20.87	20.77	20.70
5	64QAM	1	0	21.02	20.83	20.81
5	64QAM	1	12	20.98	20.81	20.79
5	64QAM	1	24	20.89	20.79	20.87
5	64QAM	12	0	19.98	19.81	19.82
5	64QAM	12	7	19.90	19.76	19.81
5	64QAM	12	13	19.90	19.77	19.72
5	64QAM	25	0	19.93	19.80	19.79



LTE Band 38						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				37850	38000	38150
Frequency (MHz)				2580	2595	2610
20	QPSK	1	0	22.55	22.66	22.63
20	QPSK	1	49	22.53	22.54	22.45
20	QPSK	1	99	22.51	22.60	22.58
20	QPSK	50	0	21.45	21.53	21.49
20	QPSK	50	24	21.41	21.48	21.38
20	QPSK	50	50	21.46	21.50	21.41
20	QPSK	100	0	21.48	21.49	21.47
20	16QAM	1	0	21.44	21.45	21.36
20	16QAM	1	49	21.38	21.40	21.38
20	16QAM	1	99	21.34	21.38	21.31
20	16QAM	50	0	20.72	20.76	20.67
20	16QAM	50	24	20.69	20.70	20.60
20	16QAM	50	50	20.64	20.74	20.73
20	16QAM	100	0	20.61	20.66	20.57
20	64QAM	1	0	20.50	20.51	20.41
20	64QAM	1	49	20.45	20.50	20.41
20	64QAM	1	99	20.39	20.47	20.44
20	64QAM	50	0	19.80	19.82	19.80
20	64QAM	50	24	19.73	19.80	19.73
20	64QAM	50	50	19.74	19.77	19.70
20	64QAM	100	0	19.70	19.79	19.73



LTE Band 38						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				37825	38000	38175
Frequency (MHz)				2577.5	2595	2612.5
15	QPSK	1	0	22.53	22.64	22.54
15	QPSK	1	37	22.48	22.47	22.38
15	QPSK	1	74	22.42	22.52	22.53
15	QPSK	36	0	21.41	21.51	21.40
15	QPSK	36	20	21.38	21.41	21.36
15	QPSK	36	39	21.42	21.41	21.36
15	QPSK	75	0	21.47	21.43	21.38
15	16QAM	1	0	21.43	21.38	21.28
15	16QAM	1	37	21.28	21.31	21.33
15	16QAM	1	74	21.30	21.36	21.22
15	16QAM	36	0	20.64	20.67	20.59
15	16QAM	36	20	20.60	20.60	20.51
15	16QAM	36	39	20.63	20.72	20.70
15	16QAM	75	0	20.54	20.64	20.51
15	64QAM	1	0	20.49	20.44	20.32
15	64QAM	1	37	20.41	20.48	20.40
15	64QAM	1	74	20.38	20.39	20.35
15	64QAM	36	0	19.70	19.79	19.72
15	64QAM	36	20	19.66	19.73	19.64
15	64QAM	36	39	19.72	19.76	19.61
15	64QAM	75	0	19.69	19.76	19.63



LTE Band 38						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				37800	38000	38200
Frequency (MHz)				2575	2595	2615
10	QPSK	1	0	22.51	22.60	22.59
10	QPSK	1	25	22.49	22.44	22.36
10	QPSK	1	49	22.42	22.50	22.51
10	QPSK	25	0	21.39	21.46	21.40
10	QPSK	25	12	21.32	21.39	21.31
10	QPSK	25	25	21.38	21.40	21.34
10	QPSK	50	0	21.40	21.41	21.39
10	16QAM	1	0	21.38	21.44	21.29
10	16QAM	1	25	21.37	21.36	21.28
10	16QAM	1	49	21.24	21.28	21.24
10	16QAM	25	0	20.62	20.69	20.64
10	16QAM	25	12	20.59	20.65	20.59
10	16QAM	25	25	20.60	20.72	20.72
10	16QAM	50	0	20.58	20.61	20.56
10	64QAM	1	0	20.44	20.49	20.33
10	64QAM	1	25	20.43	20.42	20.37
10	64QAM	1	49	20.36	20.37	20.41
10	64QAM	25	0	19.78	19.80	19.70
10	64QAM	25	12	19.65	19.72	19.69
10	64QAM	25	25	19.65	19.70	19.61
10	64QAM	50	0	19.65	19.71	19.63



LTE Band 38						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				37775	38000	38225
Frequency (MHz)				2572.5	2595	2617.5
5	QPSK	1	0	22.47	22.61	22.55
5	QPSK	1	12	22.43	22.46	22.41
5	QPSK	1	24	22.42	22.50	22.57
5	QPSK	12	0	21.37	21.43	21.40
5	QPSK	12	7	21.36	21.41	21.33
5	QPSK	12	13	21.43	21.45	21.33
5	QPSK	25	0	21.40	21.47	21.44
5	16QAM	1	0	21.42	21.39	21.26
5	16QAM	1	12	21.30	21.37	21.32
5	16QAM	1	24	21.31	21.31	21.24
5	16QAM	12	0	20.63	20.68	20.62
5	16QAM	12	7	20.68	20.66	20.50
5	16QAM	12	13	20.59	20.68	20.65
5	16QAM	25	0	20.58	20.62	20.54
5	64QAM	1	0	20.41	20.43	20.35
5	64QAM	1	12	20.38	20.40	20.39
5	64QAM	1	24	20.33	20.41	20.43
5	64QAM	12	0	19.74	19.75	19.79
5	64QAM	12	7	19.71	19.79	19.68
5	64QAM	12	13	19.68	19.76	19.62
5	64QAM	25	0	19.68	19.71	19.72



LTE Band 41						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				40140	40640	41140
Frequency (MHz)				2545	2595	2645
20	QPSK	1	0	22.55	22.72	22.75
20	QPSK	1	49	22.52	22.70	22.70
20	QPSK	1	99	22.50	22.68	22.57
20	QPSK	50	0	21.60	21.71	21.65
20	QPSK	50	24	21.58	21.70	21.57
20	QPSK	50	50	21.57	21.67	21.52
20	QPSK	100	0	21.54	21.66	21.50
20	16QAM	1	0	21.18	21.23	21.30
20	16QAM	1	49	21.15	21.21	21.22
20	16QAM	1	99	21.11	21.14	21.10
20	16QAM	50	0	20.47	20.61	20.51
20	16QAM	50	24	20.45	20.58	20.46
20	16QAM	50	50	20.44	20.55	20.50
20	16QAM	100	0	20.43	20.45	20.47
20	64QAM	1	0	20.19	20.55	20.43
20	64QAM	1	49	20.14	20.56	20.40
20	64QAM	1	99	20.11	20.26	20.25
20	64QAM	50	0	19.53	19.50	19.64
20	64QAM	50	24	19.50	19.70	19.55
20	64QAM	50	50	19.51	19.73	19.53
20	64QAM	100	0	19.40	19.66	19.50



LTE Band 41						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				40115	40640	41165
Frequency (MHz)				2542.5	2595	2647.5
15	QPSK	1	0	22.48	22.63	22.67
15	QPSK	1	37	22.49	22.62	22.64
15	QPSK	1	74	22.41	22.61	22.51
15	QPSK	36	0	21.59	21.64	21.63
15	QPSK	36	20	21.54	21.65	21.50
15	QPSK	36	39	21.56	21.61	21.46
15	QPSK	75	0	21.52	21.60	21.43
15	16QAM	1	0	21.09	21.20	21.21
15	16QAM	1	37	21.12	21.18	21.19
15	16QAM	1	74	21.09	21.09	21.08
15	16QAM	36	0	20.42	20.54	20.45
15	16QAM	36	20	20.40	20.56	20.43
15	16QAM	36	39	20.35	20.49	20.45
15	16QAM	75	0	20.38	20.36	20.43
15	64QAM	1	0	20.16	20.52	20.33
15	64QAM	1	37	20.13	20.46	20.31
15	64QAM	1	74	20.09	20.22	20.24
15	64QAM	36	0	19.46	19.45	19.55
15	64QAM	36	20	19.41	19.62	19.54
15	64QAM	36	39	19.44	19.69	19.43
15	64QAM	75	0	19.38	19.56	19.45



LTE Band 41						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				40090	40640	41190
Frequency (MHz)				2540	2595	2650
10	QPSK	1	0	22.49	22.63	22.69
10	QPSK	1	25	22.49	22.67	22.64
10	QPSK	1	49	22.48	22.64	22.51
10	QPSK	25	0	21.52	21.70	21.58
10	QPSK	25	12	21.52	21.64	21.53
10	QPSK	25	25	21.51	21.63	21.51
10	QPSK	50	0	21.47	21.57	21.43
10	16QAM	1	0	21.10	21.15	21.20
10	16QAM	1	25	21.12	21.18	21.18
10	16QAM	1	49	21.08	21.09	21.06
10	16QAM	25	0	20.41	20.51	20.48
10	16QAM	25	12	20.35	20.54	20.40
10	16QAM	25	25	20.34	20.50	20.46
10	16QAM	50	0	20.38	20.43	20.44
10	64QAM	1	0	20.14	20.47	20.39
10	64QAM	1	25	20.06	20.46	20.35
10	64QAM	1	49	20.07	20.23	20.19
10	64QAM	25	0	19.50	19.47	19.58
10	64QAM	25	12	19.43	19.64	19.52
10	64QAM	25	25	19.48	19.72	19.43
10	64QAM	50	0	19.32	19.59	19.47



LTE Band 41						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				40065	40640	41215
Frequency (MHz)				2537.5	2595	2652.5
5	QPSK	1	0	22.51	22.71	22.71
5	QPSK	1	12	22.46	22.67	22.67
5	QPSK	1	24	22.44	22.62	22.55
5	QPSK	12	0	21.56	21.70	21.60
5	QPSK	12	7	21.52	21.60	21.54
5	QPSK	12	13	21.51	21.59	21.43
5	QPSK	25	0	21.53	21.62	21.44
5	16QAM	1	0	21.17	21.18	21.20
5	16QAM	1	12	21.06	21.12	21.21
5	16QAM	1	24	21.03	21.07	21.00
5	16QAM	12	0	20.43	20.59	20.46
5	16QAM	12	7	20.44	20.53	20.40
5	16QAM	12	13	20.38	20.53	20.47
5	16QAM	25	0	20.38	20.38	20.38
5	64QAM	1	0	20.13	20.47	20.40
5	64QAM	1	12	20.09	20.50	20.35
5	64QAM	1	24	20.09	20.17	20.18
5	64QAM	12	0	19.43	19.47	19.61
5	64QAM	12	7	19.49	19.64	19.52
5	64QAM	12	13	19.46	19.63	19.49
5	64QAM	25	0	19.38	19.57	19.41



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				132072	132322	132572
Frequency (MHz)				1720	1745	1770
20	QPSK	1	0	22.95	23.06	22.93
20	QPSK	1	49	22.89	23.00	22.92
20	QPSK	1	99	22.79	22.93	22.78
20	QPSK	50	0	21.77	21.93	21.76
20	QPSK	50	24	21.74	21.91	21.83
20	QPSK	50	50	21.74	21.89	21.76
20	QPSK	100	0	21.70	21.86	21.74
20	16QAM	1	0	21.70	21.78	21.64
20	16QAM	1	49	21.62	21.74	21.58
20	16QAM	1	99	21.57	21.69	21.58
20	16QAM	50	0	20.70	20.86	20.77
20	16QAM	50	24	20.66	20.80	20.64
20	16QAM	50	50	20.66	20.79	20.62
20	16QAM	100	0	20.69	20.80	20.69
20	64QAM	1	0	20.72	20.86	20.74
20	64QAM	1	49	20.69	20.82	20.71
20	64QAM	1	99	20.68	20.77	20.67
20	64QAM	50	0	19.74	19.91	19.75
20	64QAM	50	24	19.77	19.88	19.80
20	64QAM	50	50	19.74	19.90	19.76
20	64QAM	100	0	19.67	19.81	19.69



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				132047	132322	132597
Frequency (MHz)				1717.5	1745	1772.5
15	QPSK	1	0	22.89	23.04	22.89
15	QPSK	1	37	22.87	22.99	22.83
15	QPSK	1	74	22.74	22.84	22.72
15	QPSK	36	0	21.74	21.91	21.67
15	QPSK	36	20	21.71	21.83	21.73
15	QPSK	36	39	21.70	21.83	21.66
15	QPSK	75	0	21.68	21.77	21.73
15	16QAM	1	0	21.61	21.74	21.55
15	16QAM	1	37	21.56	21.71	21.56
15	16QAM	1	74	21.53	21.67	21.54
15	16QAM	36	0	20.66	20.83	20.72
15	16QAM	36	20	20.62	20.78	20.63
15	16QAM	36	39	20.57	20.74	20.56
15	16QAM	75	0	20.67	20.79	20.63
15	64QAM	1	0	20.67	20.76	20.69
15	64QAM	1	37	20.63	20.72	20.70
15	64QAM	1	74	20.65	20.72	20.62
15	64QAM	36	0	19.71	19.84	19.68
15	64QAM	36	20	19.69	19.81	19.79
15	64QAM	36	39	19.65	19.89	19.66
15	64QAM	75	0	19.63	19.76	19.63



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				132022	132322	132622
Frequency (MHz)				1715	1745	1775
10	QPSK	1	0	22.93	23.01	22.89
10	QPSK	1	25	22.83	22.90	22.84
10	QPSK	1	49	22.70	22.88	22.68
10	QPSK	25	0	21.67	21.90	21.68
10	QPSK	25	12	21.71	21.85	21.78
10	QPSK	25	25	21.68	21.83	21.68
10	QPSK	50	0	21.63	21.77	21.71
10	16QAM	1	0	21.67	21.75	21.59
10	16QAM	1	25	21.55	21.68	21.50
10	16QAM	1	49	21.52	21.66	21.48
10	16QAM	25	0	20.68	20.78	20.71
10	16QAM	25	12	20.58	20.71	20.55
10	16QAM	25	25	20.58	20.70	20.59
10	16QAM	50	0	20.61	20.74	20.67
10	64QAM	1	0	20.63	20.83	20.66
10	64QAM	1	25	20.61	20.81	20.67
10	64QAM	1	49	20.61	20.69	20.65
10	64QAM	25	0	19.70	19.88	19.71
10	64QAM	25	12	19.72	19.78	19.78
10	64QAM	25	25	19.68	19.82	19.72
10	64QAM	50	0	19.63	19.79	19.61



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				131997	132322	132647
Frequency (MHz)				1712.5	1745	1777.5
5	QPSK	1	0	22.93	22.97	22.88
5	QPSK	1	12	22.79	22.93	22.82
5	QPSK	1	24	22.74	22.90	22.68
5	QPSK	12	0	21.71	21.92	21.72
5	QPSK	12	7	21.73	21.83	21.73
5	QPSK	12	13	21.66	21.79	21.72
5	QPSK	25	0	21.68	21.85	21.65
5	16QAM	1	0	21.65	21.72	21.54
5	16QAM	1	12	21.53	21.64	21.55
5	16QAM	1	24	21.55	21.61	21.51
5	16QAM	12	0	20.61	20.83	20.71
5	16QAM	12	7	20.58	20.70	20.60
5	16QAM	12	13	20.62	20.75	20.61
5	16QAM	25	0	20.59	20.73	20.60
5	64QAM	1	0	20.70	20.76	20.64
5	64QAM	1	12	20.68	20.79	20.63
5	64QAM	1	24	20.67	20.67	20.65
5	64QAM	12	0	19.64	19.83	19.66
5	64QAM	12	7	19.75	19.82	19.78
5	64QAM	12	13	19.72	19.88	19.75
5	64QAM	25	0	19.62	19.73	19.67



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				131987	132322	132657
Frequency (MHz)				1711.5	1745	1778.5
3	QPSK	1	0	22.93	23.00	22.92
3	QPSK	1	8	22.85	22.94	22.91
3	QPSK	1	14	22.71	22.83	22.69
3	QPSK	8	0	21.72	21.83	21.74
3	QPSK	8	4	21.68	21.85	21.78
3	QPSK	8	7	21.68	21.87	21.71
3	QPSK	15	0	21.65	21.78	21.70
3	16QAM	1	0	21.60	21.76	21.56
3	16QAM	1	8	21.56	21.66	21.55
3	16QAM	1	14	21.48	21.60	21.52
3	16QAM	8	0	20.67	20.78	20.71
3	16QAM	8	4	20.65	20.72	20.58
3	16QAM	8	7	20.61	20.69	20.52
3	16QAM	15	0	20.63	20.76	20.66
3	64QAM	1	0	20.66	20.84	20.71
3	64QAM	1	8	20.63	20.78	20.61
3	64QAM	1	14	20.61	20.73	20.63
3	64QAM	8	0	19.68	19.89	19.69
3	64QAM	8	4	19.69	19.83	19.77
3	64QAM	8	7	19.64	19.83	19.69
3	64QAM	15	0	19.62	19.80	19.66



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				131979	132322	132665
Frequency (MHz)				1710.7	1745	1779.3
1.4	QPSK	1	0	22.91	23.01	22.92
1.4	QPSK	1	3	22.86	22.94	22.84
1.4	QPSK	1	5	22.77	22.92	22.74
1.4	QPSK	3	0	22.68	22.78	22.66
1.4	QPSK	3	1	22.60	22.84	22.76
1.4	QPSK	3	3	22.63	22.76	22.67
1.4	QPSK	6	0	21.66	21.79	21.72
1.4	16QAM	1	0	21.67	21.75	21.63
1.4	16QAM	1	3	21.57	21.70	21.54
1.4	16QAM	1	5	21.56	21.64	21.53
1.4	16QAM	3	0	21.62	21.79	21.64
1.4	16QAM	3	1	21.53	21.71	21.51
1.4	16QAM	3	3	21.53	21.69	21.49
1.4	16QAM	6	0	20.62	20.76	20.67
1.4	64QAM	1	0	20.64	20.77	20.65
1.4	64QAM	1	3	20.68	20.80	20.70
1.4	64QAM	1	5	20.66	20.76	20.60
1.4	64QAM	3	0	20.59	20.79	20.61
1.4	64QAM	3	1	20.68	20.78	20.64
1.4	64QAM	3	3	20.60	20.74	20.65
1.4	64QAM	6	0	19.65	19.78	19.62



Effective Radiated Power and Effective Isotropic Radiated Power:

Note: Only the results for the maximum antenna gain of the two antennas were calculated and recorded.

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	23.10	0.204	23.12	0.205	23.04	0.201
20	QPSK	1	49	23.03	0.201	23.09	0.204	23.00	0.200
20	QPSK	1	99	22.77	0.189	22.84	0.192	22.81	0.191
20	QPSK	50	0	21.79	0.151	21.85	0.153	21.84	0.153
20	QPSK	50	24	21.73	0.149	21.82	0.152	21.78	0.151
20	QPSK	50	50	21.72	0.149	21.77	0.150	21.74	0.149
20	QPSK	100	0	21.77	0.150	21.78	0.151	21.71	0.148
20	16QAM	1	0	21.58	0.144	21.67	0.147	21.65	0.146
20	16QAM	1	49	21.75	0.150	21.77	0.150	21.69	0.148
20	16QAM	1	99	21.41	0.138	21.48	0.141	21.44	0.139
20	16QAM	50	0	21.00	0.126	21.02	0.126	20.96	0.125
20	16QAM	50	24	20.92	0.124	20.94	0.124	20.91	0.123
20	16QAM	50	50	21.00	0.126	21.01	0.126	20.98	0.125
20	16QAM	100	0	20.93	0.124	20.98	0.125	20.88	0.122
20	64QAM	1	0	21.27	0.134	21.33	0.136	21.35	0.136
20	64QAM	1	49	21.28	0.134	21.31	0.135	21.24	0.133
20	64QAM	1	99	20.90	0.123	20.94	0.124	20.92	0.124
20	64QAM	50	0	19.81	0.096	19.91	0.098	19.81	0.096
20	64QAM	50	24	19.90	0.098	19.93	0.098	19.85	0.097
20	64QAM	50	50	19.80	0.095	19.89	0.097	19.84	0.096
20	64QAM	100	0	19.86	0.097	19.88	0.097	19.82	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	23.08	0.203	23.09	0.204	22.97	0.198
15	QPSK	1	37	23.02	0.200	23.00	0.200	22.97	0.198
15	QPSK	1	74	22.75	0.188	22.79	0.190	22.74	0.188
15	QPSK	36	0	21.69	0.148	21.80	0.151	21.79	0.151
15	QPSK	36	20	21.70	0.148	21.77	0.150	21.69	0.148
15	QPSK	36	39	21.64	0.146	21.73	0.149	21.72	0.149
15	QPSK	75	0	21.69	0.148	21.69	0.148	21.62	0.145
15	16QAM	1	0	21.50	0.141	21.63	0.146	21.61	0.145
15	16QAM	1	37	21.68	0.147	21.75	0.150	21.65	0.146
15	16QAM	1	74	21.31	0.135	21.44	0.139	21.35	0.136
15	16QAM	36	0	20.96	0.125	20.92	0.124	20.89	0.123
15	16QAM	36	20	20.87	0.122	20.84	0.121	20.88	0.122
15	16QAM	36	39	20.96	0.125	21.00	0.126	20.94	0.124
15	16QAM	75	0	20.83	0.121	20.97	0.125	20.80	0.120
15	64QAM	1	0	21.18	0.131	21.29	0.135	21.28	0.134
15	64QAM	1	37	21.24	0.133	21.25	0.133	21.16	0.131
15	64QAM	1	74	20.85	0.122	20.92	0.124	20.88	0.122
15	64QAM	36	0	19.76	0.095	19.89	0.097	19.73	0.094
15	64QAM	36	20	19.88	0.097	19.91	0.098	19.80	0.095
15	64QAM	36	39	19.76	0.095	19.86	0.097	19.80	0.095
15	64QAM	75	0	19.78	0.095	19.81	0.096	19.77	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				18650		18900		19150	
Frequency (MHz)				1855		1880		1905	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	23.07	0.203	23.03	0.201	22.98	0.199
10	QPSK	1	25	22.96	0.198	23.08	0.203	22.98	0.199
10	QPSK	1	49	22.67	0.185	22.78	0.190	22.76	0.189
10	QPSK	25	0	21.73	0.149	21.77	0.150	21.74	0.149
10	QPSK	25	12	21.66	0.147	21.79	0.151	21.76	0.150
10	QPSK	25	25	21.62	0.145	21.72	0.149	21.70	0.148
10	QPSK	50	0	21.76	0.150	21.68	0.147	21.63	0.146
10	16QAM	1	0	21.53	0.142	21.64	0.146	21.58	0.144
10	16QAM	1	25	21.73	0.149	21.67	0.147	21.59	0.144
10	16QAM	1	49	21.38	0.137	21.43	0.139	21.42	0.139
10	16QAM	25	0	20.93	0.124	20.97	0.125	20.89	0.123
10	16QAM	25	12	20.86	0.122	20.89	0.123	20.90	0.123
10	16QAM	25	25	20.93	0.124	20.94	0.124	20.88	0.122
10	16QAM	50	0	20.84	0.121	20.93	0.124	20.81	0.121
10	64QAM	1	0	21.20	0.132	21.26	0.134	21.28	0.134
10	64QAM	1	25	21.22	0.132	21.24	0.133	21.18	0.131
10	64QAM	1	49	20.83	0.121	20.89	0.123	20.86	0.122
10	64QAM	25	0	19.80	0.095	19.86	0.097	19.74	0.094
10	64QAM	25	12	19.84	0.096	19.85	0.097	19.81	0.096
10	64QAM	25	25	19.74	0.094	19.86	0.097	19.83	0.096
10	64QAM	50	0	19.85	0.097	19.84	0.096	19.74	0.094



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	23.07	0.203	23.07	0.203	23.02	0.200
5	QPSK	1	12	23.02	0.200	23.06	0.202	22.93	0.196
5	QPSK	1	24	22.76	0.189	22.83	0.192	22.77	0.189
5	QPSK	12	0	21.74	0.149	21.78	0.151	21.78	0.151
5	QPSK	12	7	21.70	0.148	21.78	0.151	21.70	0.148
5	QPSK	12	13	21.67	0.147	21.76	0.150	21.73	0.149
5	QPSK	25	0	21.76	0.150	21.70	0.148	21.65	0.146
5	16QAM	1	0	21.49	0.141	21.59	0.144	21.62	0.145
5	16QAM	1	12	21.67	0.147	21.69	0.148	21.61	0.145
5	16QAM	1	24	21.35	0.136	21.47	0.140	21.40	0.138
5	16QAM	12	0	20.93	0.124	20.96	0.125	20.92	0.124
5	16QAM	12	7	20.91	0.123	20.91	0.123	20.86	0.122
5	16QAM	12	13	20.95	0.124	20.91	0.123	20.96	0.125
5	16QAM	25	0	20.85	0.122	20.95	0.124	20.81	0.121
5	64QAM	1	0	21.24	0.133	21.25	0.133	21.25	0.133
5	64QAM	1	12	21.19	0.132	21.29	0.135	21.15	0.130
5	64QAM	1	24	20.82	0.121	20.86	0.122	20.87	0.122
5	64QAM	12	0	19.75	0.094	19.88	0.097	19.80	0.095
5	64QAM	12	7	19.87	0.097	19.86	0.097	19.82	0.096
5	64QAM	12	13	19.76	0.095	19.84	0.096	19.80	0.095
5	64QAM	25	0	19.85	0.097	19.81	0.096	19.74	0.094



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		0.202	23.03	0.201	22.95	0.197
3	QPSK	1	8	23.01	0.200	23.03	0.201	22.92	0.196
3	QPSK	1	14	22.74	0.188	22.77	0.189	22.77	0.189
3	QPSK	8	0	21.71	0.148	21.78	0.151	21.75	0.150
3	QPSK	8	4	21.65	0.146	21.75	0.150	21.68	0.147
3	QPSK	8	7	21.66	0.147	21.67	0.147	21.67	0.147
3	QPSK	15	0	21.76	0.150	21.76	0.150	21.64	0.146
3	16QAM	1	0	21.55	0.143	21.66	0.147	21.59	0.144
3	16QAM	1	8	21.68	0.147	21.73	0.149	21.66	0.147
3	16QAM	1	14	21.37	0.137	21.40	0.138	21.39	0.138
3	16QAM	8	0	20.98	0.125	20.92	0.124	20.92	0.124
3	16QAM	8	4	20.83	0.121	20.87	0.122	20.83	0.121
3	16QAM	8	7	20.92	0.124	20.92	0.124	20.92	0.124
3	16QAM	15	0	20.85	0.122	20.89	0.123	20.78	0.120
3	64QAM	1	0	21.26	0.134	21.23	0.133	21.25	0.133
3	64QAM	1	8	21.25	0.133	21.28	0.134	21.16	0.131
3	64QAM	1	14	20.80	0.120	20.89	0.123	20.90	0.123
3	64QAM	8	0	19.80	0.095	19.88	0.097	19.74	0.094
3	64QAM	8	4	19.80	0.095	19.86	0.097	19.84	0.096
3	64QAM	8	7	19.72	0.094	19.81	0.096	19.77	0.095
3	64QAM	15	0	19.85	0.097	19.83	0.096	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				18607		18900		19193	
Frequency (MHz)				1850.7		1880		1909.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	23.03	0.201	23.10	0.204	22.95	0.197
1.4	QPSK	1	3	22.96	0.198	23.06	0.202	22.92	0.196
1.4	QPSK	1	5	22.70	0.186	22.80	0.191	22.77	0.189
1.4	QPSK	3	0	22.51	0.178	22.58	0.181	22.55	0.180
1.4	QPSK	3	1	22.51	0.178	22.56	0.180	22.52	0.179
1.4	QPSK	3	3	22.51	0.178	22.48	0.177	22.45	0.176
1.4	QPSK	6	0	21.72	0.149	21.71	0.148	21.65	0.146
1.4	16QAM	1	0	21.56	0.143	21.64	0.146	21.55	0.143
1.4	16QAM	1	3	21.71	0.148	21.74	0.149	21.63	0.146
1.4	16QAM	1	5	21.35	0.136	21.47	0.140	21.36	0.137
1.4	16QAM	3	0	21.73	0.149	21.73	0.149	21.66	0.147
1.4	16QAM	3	1	21.64	0.146	21.71	0.148	21.65	0.146
1.4	16QAM	3	3	21.72	0.149	21.79	0.151	21.74	0.149
1.4	16QAM	6	0	20.83	0.121	20.96	0.125	20.81	0.121
1.4	64QAM	1	0	21.17	0.131	21.30	0.135	21.34	0.136
1.4	64QAM	1	3	21.27	0.134	21.29	0.135	21.18	0.131
1.4	64QAM	1	5	20.85	0.122	20.88	0.122	20.90	0.123
1.4	64QAM	3	0	20.59	0.115	20.67	0.117	20.59	0.115
1.4	64QAM	3	1	20.64	0.116	20.72	0.118	20.56	0.114
1.4	64QAM	3	3	20.55	0.114	20.61	0.115	20.63	0.116
1.4	64QAM	6	0	19.76	0.095	19.81	0.096	19.80	0.095



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	20.82	0.121	20.98	0.125	21.09	0.129
20	QPSK	1	49	20.76	0.119	20.93	0.124	20.99	0.126
20	QPSK	1	99	20.62	0.115	20.85	0.122	20.86	0.122
20	QPSK	50	0	19.56	0.090	19.77	0.095	19.86	0.097
20	QPSK	50	24	19.50	0.089	19.64	0.092	19.74	0.094
20	QPSK	50	50	19.36	0.086	19.53	0.090	19.63	0.092
20	QPSK	100	0	19.50	0.089	19.70	0.093	19.74	0.094
20	16QAM	1	0	19.35	0.086	19.55	0.090	19.59	0.091
20	16QAM	1	49	19.29	0.085	19.51	0.089	19.58	0.091
20	16QAM	1	99	19.23	0.084	19.44	0.088	19.52	0.090
20	16QAM	50	0	18.71	0.074	18.96	0.079	18.98	0.079
20	16QAM	50	24	18.67	0.074	18.89	0.077	18.90	0.078
20	16QAM	50	50	18.59	0.072	18.74	0.075	18.82	0.076
20	16QAM	100	0	18.52	0.071	18.81	0.076	18.82	0.076
20	64QAM	1	0	18.69	0.074	18.92	0.078	18.95	0.079
20	64QAM	1	49	18.65	0.073	18.88	0.077	18.91	0.078
20	64QAM	1	99	18.67	0.074	18.89	0.077	18.93	0.078
20	64QAM	50	0	17.74	0.059	18.02	0.063	18.03	0.064
20	64QAM	50	24	17.66	0.058	17.84	0.061	17.88	0.061
20	64QAM	50	50	17.56	0.057	17.78	0.060	17.81	0.060
20	64QAM	100	0	17.49	0.056	17.67	0.058	17.75	0.060



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	20.73	0.118	20.88	0.122	21.03	0.127
15	QPSK	1	37	20.69	0.117	20.88	0.122	20.92	0.124
15	QPSK	1	74	20.61	0.115	20.82	0.121	20.84	0.121
15	QPSK	36	0	19.52	0.090	19.72	0.094	19.81	0.096
15	QPSK	36	20	19.49	0.089	19.57	0.091	19.73	0.094
15	QPSK	36	39	19.36	0.086	19.47	0.089	19.55	0.090
15	QPSK	75	0	19.49	0.089	19.62	0.092	19.65	0.092
15	16QAM	1	0	19.30	0.085	19.53	0.090	19.54	0.090
15	16QAM	1	37	19.28	0.085	19.50	0.089	19.54	0.090
15	16QAM	1	74	19.21	0.083	19.43	0.088	19.44	0.088
15	16QAM	36	0	18.69	0.074	18.89	0.077	18.95	0.079
15	16QAM	36	20	18.59	0.072	18.88	0.077	18.84	0.077
15	16QAM	36	39	18.58	0.072	18.65	0.073	18.73	0.075
15	16QAM	75	0	18.49	0.071	18.78	0.076	18.81	0.076
15	64QAM	1	0	18.59	0.072	18.89	0.077	18.86	0.077
15	64QAM	1	37	18.64	0.073	18.85	0.077	18.89	0.077
15	64QAM	1	74	18.65	0.073	18.86	0.077	18.91	0.078
15	64QAM	36	0	17.73	0.059	17.99	0.063	17.97	0.063
15	64QAM	36	20	17.62	0.058	17.79	0.060	17.87	0.061
15	64QAM	36	39	17.51	0.056	17.72	0.059	17.77	0.060
15	64QAM	75	0	17.44	0.055	17.64	0.058	17.74	0.059



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	20.77	0.119	20.92	0.124	21.07	0.128
10	QPSK	1	25	20.72	0.118	20.91	0.123	20.95	0.124
10	QPSK	1	49	20.58	0.114	20.77	0.119	20.82	0.121
10	QPSK	25	0	19.51	0.089	19.70	0.093	19.81	0.096
10	QPSK	25	12	19.46	0.088	19.60	0.091	19.70	0.093
10	QPSK	25	25	19.32	0.086	19.47	0.089	19.54	0.090
10	QPSK	50	0	19.41	0.087	19.68	0.093	19.68	0.093
10	16QAM	1	0	19.33	0.086	19.46	0.088	19.49	0.089
10	16QAM	1	25	19.22	0.084	19.49	0.089	19.53	0.090
10	16QAM	1	49	19.21	0.083	19.36	0.086	19.49	0.089
10	16QAM	25	0	18.61	0.073	18.95	0.079	18.95	0.079
10	16QAM	25	12	18.63	0.073	18.81	0.076	18.84	0.077
10	16QAM	25	25	18.49	0.071	18.67	0.074	18.79	0.076
10	16QAM	50	0	18.42	0.070	18.76	0.075	18.79	0.076
10	64QAM	1	0	18.59	0.072	18.88	0.077	18.94	0.078
10	64QAM	1	25	18.64	0.073	18.83	0.076	18.85	0.077
10	64QAM	1	49	18.57	0.072	18.88	0.077	18.83	0.076
10	64QAM	25	0	17.66	0.058	17.97	0.063	17.97	0.063
10	64QAM	25	12	17.56	0.057	17.74	0.059	17.84	0.061
10	64QAM	25	25	17.49	0.056	17.72	0.059	17.72	0.059
10	64QAM	50	0	17.42	0.055	17.66	0.058	17.74	0.059



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	20.78	0.120	20.93	0.124	21.01	0.126
5	QPSK	1	12	20.74	0.119	20.88	0.122	20.92	0.124
5	QPSK	1	24	20.57	0.114	20.83	0.121	20.76	0.119
5	QPSK	12	0	19.51	0.089	19.67	0.093	19.77	0.095
5	QPSK	12	7	19.42	0.087	19.58	0.091	19.66	0.092
5	QPSK	12	13	19.28	0.085	19.50	0.089	19.54	0.090
5	QPSK	25	0	19.45	0.088	19.61	0.091	19.67	0.093
5	16QAM	1	0	19.26	0.084	19.50	0.089	19.51	0.089
5	16QAM	1	12	19.23	0.084	19.43	0.088	19.54	0.090
5	16QAM	1	24	19.21	0.083	19.35	0.086	19.43	0.088
5	16QAM	12	0	18.68	0.074	18.95	0.079	18.90	0.078
5	16QAM	12	7	18.62	0.073	18.83	0.076	18.85	0.077
5	16QAM	12	13	18.52	0.071	18.73	0.075	18.74	0.075
5	16QAM	25	0	18.50	0.071	18.75	0.075	18.73	0.075
5	64QAM	1	0	18.60	0.072	18.82	0.076	18.94	0.078
5	64QAM	1	12	18.58	0.072	18.85	0.077	18.88	0.077
5	64QAM	1	24	18.66	0.073	18.82	0.076	18.85	0.077
5	64QAM	12	0	17.70	0.059	17.96	0.063	17.95	0.062
5	64QAM	12	7	17.63	0.058	17.74	0.059	17.78	0.060
5	64QAM	12	13	17.52	0.056	17.70	0.059	17.72	0.059
5	64QAM	25	0	17.46	0.056	17.57	0.057	17.70	0.059



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	20.75	0.119	20.95	0.124	21.01	0.126
3	QPSK	1	8	20.69	0.117	20.92	0.124	20.94	0.124
3	QPSK	1	14	20.55	0.114	20.76	0.119	20.76	0.119
3	QPSK	8	0	19.46	0.088	19.67	0.093	19.80	0.095
3	QPSK	8	4	19.44	0.088	19.61	0.091	19.64	0.092
3	QPSK	8	7	19.33	0.086	19.46	0.088	19.54	0.090
3	QPSK	15	0	19.42	0.087	19.68	0.093	19.70	0.093
3	16QAM	1	0	19.32	0.086	19.45	0.088	19.58	0.091
3	16QAM	1	8	19.21	0.083	19.49	0.089	19.48	0.089
3	16QAM	1	14	19.17	0.083	19.40	0.087	19.45	0.088
3	16QAM	8	0	18.70	0.074	18.95	0.079	18.92	0.078
3	16QAM	8	4	18.60	0.072	18.85	0.077	18.80	0.076
3	16QAM	8	7	18.57	0.072	18.72	0.074	18.79	0.076
3	16QAM	15	0	18.47	0.070	18.77	0.075	18.80	0.076
3	64QAM	1	0	18.68	0.074	18.85	0.077	18.86	0.077
3	64QAM	1	8	18.64	0.073	18.80	0.076	18.81	0.076
3	64QAM	1	14	18.61	0.073	18.85	0.077	18.88	0.077
3	64QAM	8	0	17.69	0.059	17.93	0.062	17.93	0.062
3	64QAM	8	4	17.56	0.057	17.76	0.060	17.86	0.061
3	64QAM	8	7	17.46	0.056	17.69	0.059	17.75	0.060
3	64QAM	15	0	17.42	0.055	17.58	0.057	17.74	0.059



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	20.73	0.118	20.94	0.124	21.02	0.126
1.4	QPSK	1	3	20.71	0.118	20.90	0.123	20.94	0.124
1.4	QPSK	1	5	20.59	0.115	20.83	0.121	20.78	0.120
1.4	QPSK	3	0	20.52	0.113	20.73	0.118	20.81	0.121
1.4	QPSK	3	1	20.51	0.112	20.54	0.113	20.67	0.117
1.4	QPSK	3	3	20.40	0.110	20.45	0.111	20.58	0.114
1.4	QPSK	6	0	19.47	0.089	19.68	0.093	19.64	0.092
1.4	16QAM	1	0	19.31	0.085	19.45	0.088	19.58	0.091
1.4	16QAM	1	3	19.24	0.084	19.42	0.087	19.50	0.089
1.4	16QAM	1	5	19.19	0.083	19.36	0.086	19.49	0.089
1.4	16QAM	3	0	19.63	0.092	19.93	0.098	19.88	0.097
1.4	16QAM	3	1	19.61	0.091	19.83	0.096	19.83	0.096
1.4	16QAM	3	3	19.53	0.090	19.69	0.093	19.79	0.095
1.4	16QAM	6	0	18.45	0.070	18.74	0.075	18.78	0.076
1.4	64QAM	1	0	18.63	0.073	18.87	0.077	18.88	0.077
1.4	64QAM	1	3	18.64	0.073	18.83	0.076	18.90	0.078
1.4	64QAM	1	5	18.66	0.073	18.81	0.076	18.86	0.077
1.4	64QAM	3	0	18.70	0.074	18.92	0.078	18.98	0.079
1.4	64QAM	3	1	18.56	0.072	18.75	0.075	18.87	0.077
1.4	64QAM	3	3	18.52	0.071	18.69	0.074	18.76	0.075
1.4	64QAM	6	0	17.48	0.056	17.61	0.058	17.65	0.058



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	15.27	0.034	15.32	0.034	15.31	0.034
10	QPSK	1	25	15.18	0.033	15.24	0.033	15.21	0.033
10	QPSK	1	49	15.13	0.033	15.22	0.033	15.19	0.033
10	QPSK	25	0	14.20	0.026	14.21	0.026	14.20	0.026
10	QPSK	25	12	14.14	0.026	14.17	0.026	14.10	0.026
10	QPSK	25	25	14.10	0.026	14.14	0.026	14.08	0.026
10	QPSK	50	0	14.09	0.026	14.13	0.026	14.07	0.026
10	16QAM	1	0	14.03	0.025	14.10	0.026	14.06	0.025
10	16QAM	1	25	14.02	0.025	14.07	0.026	14.03	0.025
10	16QAM	1	49	13.91	0.025	13.95	0.025	13.87	0.024
10	16QAM	25	0	13.10	0.020	13.16	0.021	13.11	0.020
10	16QAM	25	12	13.10	0.020	13.12	0.021	13.09	0.020
10	16QAM	25	25	13.06	0.020	13.10	0.020	13.06	0.020
10	16QAM	50	0	13.02	0.020	13.08	0.020	13.00	0.020
10	64QAM	1	0	12.93	0.020	13.02	0.020	13.01	0.020
10	64QAM	1	25	12.95	0.020	12.99	0.020	12.95	0.020
10	64QAM	1	49	12.92	0.020	12.94	0.020	12.88	0.019
10	64QAM	25	0	12.23	0.017	12.25	0.017	12.16	0.016
10	64QAM	25	12	12.20	0.017	12.22	0.017	12.12	0.016
10	64QAM	25	25	12.24	0.017	12.26	0.017	12.23	0.017
10	64QAM	50	0	12.14	0.016	12.24	0.017	12.20	0.017



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	15.23	0.033	15.26	0.034	15.25	0.033
5	QPSK	1	12	15.08	0.032	15.15	0.033	15.13	0.033
5	QPSK	1	24	15.11	0.032	15.13	0.033	15.11	0.032
5	QPSK	12	0	14.16	0.026	14.17	0.026	14.16	0.026
5	QPSK	12	7	14.04	0.025	14.15	0.026	14.03	0.025
5	QPSK	12	13	14.00	0.025	14.10	0.026	14.07	0.026
5	QPSK	25	0	14.07	0.026	14.11	0.026	13.98	0.025
5	16QAM	1	0	13.94	0.025	14.09	0.026	13.98	0.025
5	16QAM	1	12	14.01	0.025	14.03	0.025	13.97	0.025
5	16QAM	1	24	13.90	0.025	13.85	0.024	13.80	0.024
5	16QAM	12	0	13.03	0.020	13.15	0.021	13.07	0.020
5	16QAM	12	7	13.03	0.020	13.05	0.020	13.08	0.020
5	16QAM	12	13	13.04	0.020	13.04	0.020	13.02	0.020
5	16QAM	25	0	13.01	0.020	13.00	0.020	12.95	0.020
5	64QAM	1	0	12.86	0.019	12.96	0.020	12.99	0.020
5	64QAM	1	12	12.94	0.020	12.93	0.020	12.92	0.020
5	64QAM	1	24	12.86	0.019	12.91	0.020	12.82	0.019
5	64QAM	12	0	12.22	0.017	12.21	0.017	12.10	0.016
5	64QAM	12	7	12.16	0.016	12.21	0.017	12.08	0.016
5	64QAM	12	13	12.14	0.016	12.18	0.017	12.14	0.016
5	64QAM	25	0	12.10	0.016	12.20	0.017	12.15	0.016



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	15.26	0.034	15.25	0.033	15.21	0.033
3	QPSK	1	8	15.08	0.032	15.22	0.033	15.11	0.032
3	QPSK	1	14	15.11	0.032	15.14	0.033	15.16	0.033
3	QPSK	8	0	14.17	0.026	14.16	0.026	14.17	0.026
3	QPSK	8	4	14.10	0.026	14.11	0.026	14.06	0.025
3	QPSK	8	7	14.05	0.025	14.10	0.026	14.03	0.025
3	QPSK	15	0	14.02	0.025	14.09	0.026	14.03	0.025
3	16QAM	1	0	13.99	0.025	14.01	0.025	14.05	0.025
3	16QAM	1	8	13.97	0.025	14.04	0.025	14.02	0.025
3	16QAM	1	14	13.86	0.024	13.91	0.025	13.81	0.024
3	16QAM	8	0	13.08	0.020	13.09	0.020	13.05	0.020
3	16QAM	8	4	13.09	0.020	13.08	0.020	13.05	0.020
3	16QAM	8	7	12.96	0.020	13.00	0.020	13.01	0.020
3	16QAM	15	0	12.96	0.020	13.07	0.020	12.99	0.020
3	64QAM	1	0	12.85	0.019	12.97	0.020	12.91	0.020
3	64QAM	1	8	12.90	0.019	12.96	0.020	12.89	0.019
3	64QAM	1	14	12.88	0.019	12.85	0.019	12.82	0.019
3	64QAM	8	0	12.13	0.016	12.17	0.016	12.13	0.016
3	64QAM	8	4	12.12	0.016	12.15	0.016	12.02	0.016
3	64QAM	8	7	12.16	0.016	12.20	0.017	12.19	0.017
3	64QAM	15	0	12.07	0.016	12.21	0.017	12.18	0.017



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	15.25	0.033	15.22	0.033	15.30	0.034
1.4	QPSK	1	3	15.14	0.033	15.15	0.033	15.18	0.033
1.4	QPSK	1	5	15.07	0.032	15.21	0.033	15.11	0.032
1.4	QPSK	3	0	15.03	0.032	15.07	0.032	15.11	0.032
1.4	QPSK	3	1	15.03	0.032	15.09	0.032	15.02	0.032
1.4	QPSK	3	3	14.99	0.032	14.99	0.032	14.99	0.032
1.4	QPSK	6	0	14.06	0.025	14.06	0.025	13.97	0.025
1.4	16QAM	1	0	14.01	0.025	14.07	0.026	14.02	0.025
1.4	16QAM	1	3	13.99	0.025	14.01	0.025	13.99	0.025
1.4	16QAM	1	5	13.90	0.025	13.85	0.024	13.82	0.024
1.4	16QAM	3	0	14.01	0.025	14.06	0.025	13.96	0.025
1.4	16QAM	3	1	14.02	0.025	14.03	0.025	13.92	0.025
1.4	16QAM	3	3	13.95	0.025	14.01	0.025	13.89	0.024
1.4	16QAM	6	0	12.97	0.020	13.05	0.020	12.97	0.020
1.4	64QAM	1	0	12.92	0.020	13.01	0.020	12.96	0.020
1.4	64QAM	1	3	12.91	0.020	12.93	0.020	12.94	0.020
1.4	64QAM	1	5	12.84	0.019	12.85	0.019	12.80	0.019
1.4	64QAM	3	0	13.08	0.020	13.11	0.020	13.05	0.020
1.4	64QAM	3	1	13.09	0.020	13.09	0.020	13.00	0.020
1.4	64QAM	3	3	13.10	0.020	13.12	0.021	13.12	0.021
1.4	64QAM	6	0	12.08	0.016	12.22	0.017	12.15	0.016



LTE Band 7				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20850		21100		21350	
Frequency (MHz)				2510		2535		2560	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	22.28	0.169	22.34	0.171	22.29	0.169
20	QPSK	1	49	22.25	0.168	22.32	0.171	22.24	0.167
20	QPSK	1	99	22.12	0.163	22.29	0.169	22.16	0.164
20	QPSK	50	0	21.03	0.127	21.13	0.130	21.11	0.129
20	QPSK	50	24	21.09	0.129	21.16	0.131	21.15	0.130
20	QPSK	50	50	21.10	0.129	21.11	0.129	21.04	0.127
20	QPSK	100	0	21.06	0.128	21.09	0.129	21.00	0.126
20	16QAM	1	0	20.65	0.116	20.75	0.119	20.72	0.118
20	16QAM	1	49	20.97	0.125	21.02	0.126	21.00	0.126
20	16QAM	1	99	20.95	0.124	20.97	0.125	20.89	0.123
20	16QAM	50	0	20.13	0.103	20.14	0.103	20.07	0.102
20	16QAM	50	24	20.20	0.105	20.25	0.106	20.22	0.105
20	16QAM	50	50	20.10	0.102	20.11	0.103	20.09	0.102
20	16QAM	100	0	20.03	0.101	20.06	0.101	20.01	0.100
20	64QAM	1	0	20.09	0.102	20.10	0.102	20.00	0.100
20	64QAM	1	49	20.14	0.103	20.15	0.104	20.08	0.102
20	64QAM	1	99	20.13	0.103	20.17	0.104	20.15	0.104
20	64QAM	50	0	19.05	0.080	19.13	0.082	19.12	0.082
20	64QAM	50	24	19.08	0.081	19.18	0.083	19.14	0.082
20	64QAM	50	50	19.07	0.081	19.13	0.082	19.09	0.081
20	64QAM	100	0	19.07	0.081	19.15	0.082	19.11	0.081



LTE Band 7				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20825		21100		21375	
Frequency (MHz)				2507.5		2535		2562.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	22.24	0.167	22.27	0.169	22.24	0.167
15	QPSK	1	37	22.20	0.166	22.29	0.169	22.14	0.164
15	QPSK	1	74	22.02	0.159	22.28	0.169	22.14	0.164
15	QPSK	36	0	20.96	0.125	21.08	0.128	21.04	0.127
15	QPSK	36	20	21.08	0.128	21.09	0.129	21.05	0.127
15	QPSK	36	39	21.08	0.128	21.10	0.129	20.99	0.126
15	QPSK	75	0	20.98	0.125	21.08	0.128	20.98	0.125
15	16QAM	1	0	20.61	0.115	20.72	0.118	20.65	0.116
15	16QAM	1	37	20.96	0.125	20.95	0.124	20.95	0.124
15	16QAM	1	74	20.92	0.124	20.94	0.124	20.80	0.120
15	16QAM	36	0	20.10	0.102	20.08	0.102	20.05	0.101
15	16QAM	36	20	20.15	0.104	20.15	0.104	20.13	0.103
15	16QAM	36	39	20.06	0.101	20.05	0.101	20.07	0.102
15	16QAM	75	0	19.94	0.099	20.00	0.100	19.92	0.098
15	64QAM	1	0	19.99	0.100	20.05	0.101	19.99	0.100
15	64QAM	1	37	20.10	0.102	20.11	0.103	19.98	0.100
15	64QAM	1	74	20.12	0.103	20.15	0.104	20.14	0.103
15	64QAM	36	0	18.96	0.079	19.05	0.080	19.11	0.081
15	64QAM	36	20	19.02	0.080	19.12	0.082	19.08	0.081
15	64QAM	36	39	19.04	0.080	19.03	0.080	19.06	0.081
15	64QAM	75	0	19.01	0.080	19.12	0.082	19.05	0.080



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		0.166	22.24	0.167	22.23	0.167
10	QPSK	1	25	22.20	0.166	22.19	0.166	22.19	0.166
10	QPSK	1	49	22.07	0.161	22.15	0.164	22.15	0.164
10	QPSK	25	0	21.01	0.126	21.03	0.127	21.03	0.127
10	QPSK	25	12	21.05	0.127	21.09	0.129	21.07	0.128
10	QPSK	25	25	21.09	0.129	21.07	0.128	20.99	0.126
10	QPSK	50	0	20.96	0.125	21.08	0.128	20.95	0.124
10	16QAM	1	0	20.61	0.115	20.66	0.116	20.68	0.117
10	16QAM	1	25	20.93	0.124	21.01	0.126	20.93	0.124
10	16QAM	1	49	20.90	0.123	20.89	0.123	20.79	0.120
10	16QAM	25	0	20.05	0.101	20.08	0.102	20.05	0.101
10	16QAM	25	12	20.13	0.103	20.24	0.106	20.17	0.104
10	16QAM	25	25	20.07	0.102	20.01	0.100	19.99	0.100
10	16QAM	50	0	19.98	0.100	20.02	0.100	19.92	0.098
10	64QAM	1	0	20.07	0.102	20.03	0.101	19.98	0.100
10	64QAM	1	25	20.11	0.103	20.06	0.101	20.02	0.100
10	64QAM	1	49	20.11	0.103	20.15	0.104	20.10	0.102
10	64QAM	25	0	18.98	0.079	19.07	0.081	19.07	0.081
10	64QAM	25	12	19.05	0.080	19.14	0.082	19.08	0.081
10	64QAM	25	25	18.98	0.079	19.11	0.081	19.02	0.080
10	64QAM	50	0	19.00	0.079	19.10	0.081	19.06	0.081



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		0.167	22.32	0.171	22.21	0.166
5	QPSK	1	12	22.15	0.164	22.24	0.167	22.23	0.167
5	QPSK	1	24	22.06	0.161	22.22	0.167	22.12	0.163
5	QPSK	12	0	21.01	0.126	21.10	0.129	21.10	0.129
5	QPSK	12	7	21.05	0.127	21.07	0.128	21.09	0.129
5	QPSK	12	13	21.01	0.126	21.07	0.128	21.00	0.126
5	QPSK	25	0	21.01	0.126	21.05	0.127	20.99	0.126
5	16QAM	1	0	20.57	0.114	20.68	0.117	20.67	0.117
5	16QAM	1	12	20.89	0.123	21.01	0.126	20.94	0.124
5	16QAM	1	24	20.92	0.124	20.88	0.122	20.88	0.122
5	16QAM	12	0	20.03	0.101	20.06	0.101	19.97	0.099
5	16QAM	12	7	20.11	0.103	20.18	0.104	20.21	0.105
5	16QAM	12	13	20.03	0.101	20.02	0.100	20.05	0.101
5	16QAM	25	0	19.99	0.100	20.04	0.101	20.00	0.100
5	64QAM	1	0	20.08	0.102	20.01	0.100	19.93	0.098
5	64QAM	1	12	20.10	0.102	20.06	0.101	20.03	0.101
5	64QAM	1	24	20.12	0.103	20.09	0.102	20.11	0.103
5	64QAM	12	0	18.98	0.079	19.06	0.081	19.02	0.080
5	64QAM	12	7	19.05	0.080	19.08	0.081	19.12	0.082
5	64QAM	12	13	19.02	0.080	19.11	0.081	19.08	0.081
5	64QAM	25	0	19.06	0.081	19.14	0.082	19.04	0.080



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	16.87	0.049	16.97	0.050	17.14	0.052
10	QPSK	1	25	16.84	0.048	16.91	0.049	17.10	0.051
10	QPSK	1	49	16.86	0.049	16.83	0.048	17.09	0.051
10	QPSK	25	0	15.80	0.038	15.81	0.038	16.06	0.040
10	QPSK	25	12	15.78	0.038	15.74	0.037	16.02	0.040
10	QPSK	25	25	15.80	0.038	15.86	0.039	16.05	0.040
10	QPSK	50	0	15.76	0.038	15.79	0.038	16.03	0.040
10	16QAM	1	0	15.78	0.038	15.72	0.037	15.98	0.040
10	16QAM	1	25	15.73	0.037	15.76	0.038	15.95	0.039
10	16QAM	1	49	15.65	0.037	15.70	0.037	15.93	0.039
10	16QAM	25	0	14.86	0.031	14.83	0.030	15.07	0.032
10	16QAM	25	12	14.79	0.030	14.83	0.030	15.02	0.032
10	16QAM	25	25	14.72	0.030	14.78	0.030	15.00	0.032
10	16QAM	50	0	14.77	0.030	14.77	0.030	14.96	0.031
10	64QAM	1	0	14.85	0.031	14.91	0.031	15.10	0.032
10	64QAM	1	25	14.85	0.031	14.87	0.031	15.07	0.032
10	64QAM	1	49	14.76	0.030	14.77	0.030	14.99	0.032
10	64QAM	25	0	14.00	0.025	14.00	0.025	14.24	0.027
10	64QAM	25	12	13.93	0.025	13.95	0.025	14.18	0.026
10	64QAM	25	25	13.85	0.024	13.88	0.024	14.13	0.026
10	64QAM	50	0	13.85	0.024	13.86	0.024	14.07	0.026



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	16.81	0.048	16.93	0.049	17.04	0.051
5	QPSK	1	12	16.74	0.047	16.86	0.049	17.02	0.050
5	QPSK	1	24	16.79	0.048	16.76	0.047	17.01	0.050
5	QPSK	12	0	15.74	0.037	15.73	0.037	16.00	0.040
5	QPSK	12	7	15.69	0.037	15.72	0.037	15.92	0.039
5	QPSK	12	13	15.72	0.037	15.76	0.038	16.00	0.040
5	QPSK	25	0	15.66	0.037	15.77	0.038	16.02	0.040
5	16QAM	1	0	15.75	0.038	15.63	0.037	15.97	0.040
5	16QAM	1	12	15.64	0.037	15.75	0.038	15.88	0.039
5	16QAM	1	24	15.58	0.036	15.62	0.036	15.83	0.038
5	16QAM	12	0	14.77	0.030	14.80	0.030	15.03	0.032
5	16QAM	12	7	14.69	0.029	14.76	0.030	15.00	0.032
5	16QAM	12	13	14.62	0.029	14.70	0.030	14.96	0.031
5	16QAM	25	0	14.70	0.030	14.74	0.030	14.93	0.031
5	64QAM	1	0	14.80	0.030	14.85	0.031	15.04	0.032
5	64QAM	1	12	14.79	0.030	14.78	0.030	15.02	0.032
5	64QAM	1	24	14.69	0.029	14.75	0.030	14.95	0.031
5	64QAM	12	0	13.96	0.025	13.93	0.025	14.15	0.026
5	64QAM	12	7	13.84	0.024	13.91	0.025	14.12	0.026
5	64QAM	12	13	13.83	0.024	13.80	0.024	14.10	0.026
5	64QAM	25	0	13.77	0.024	13.82	0.024	14.04	0.025



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	16.78	0.048	16.94	0.049	17.06	0.051
3	QPSK	1	8	16.76	0.047	16.84	0.048	17.01	0.050
3	QPSK	1	14	16.81	0.048	16.73	0.047	17.00	0.050
3	QPSK	8	0	15.79	0.038	15.72	0.037	15.99	0.040
3	QPSK	8	4	15.75	0.038	15.72	0.037	15.94	0.039
3	QPSK	8	7	15.76	0.038	15.85	0.038	15.98	0.040
3	QPSK	15	0	15.69	0.037	15.74	0.037	15.94	0.039
3	16QAM	1	0	15.73	0.037	15.66	0.037	15.93	0.039
3	16QAM	1	8	15.66	0.037	15.73	0.037	15.94	0.039
3	16QAM	1	14	15.60	0.036	15.63	0.037	15.91	0.039
3	16QAM	8	0	14.84	0.030	14.74	0.030	15.00	0.032
3	16QAM	8	4	14.78	0.030	14.77	0.030	15.01	0.032
3	16QAM	8	7	14.68	0.029	14.70	0.030	14.99	0.032
3	16QAM	15	0	14.74	0.030	14.73	0.030	14.91	0.031
3	64QAM	1	0	14.82	0.030	14.89	0.031	15.08	0.032
3	64QAM	1	8	14.80	0.030	14.85	0.031	15.02	0.032
3	64QAM	1	14	14.74	0.030	14.71	0.030	14.92	0.031
3	64QAM	8	0	13.97	0.025	13.94	0.025	14.14	0.026
3	64QAM	8	4	13.83	0.024	13.87	0.024	14.12	0.026
3	64QAM	8	7	13.76	0.024	13.86	0.024	14.04	0.025
3	64QAM	15	0	13.84	0.024	13.79	0.024	14.00	0.025



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	16.85	0.048	16.91	0.049	17.03	0.050
1.4	QPSK	1	3	16.82	0.048	16.84	0.048	17.00	0.050
1.4	QPSK	1	5	16.76	0.047	16.79	0.048	16.98	0.050
1.4	QPSK	3	0	16.73	0.047	16.73	0.047	16.91	0.049
1.4	QPSK	3	1	16.63	0.046	16.58	0.045	16.88	0.049
1.4	QPSK	3	3	16.64	0.046	16.77	0.048	16.90	0.049
1.4	QPSK	6	0	15.68	0.037	15.78	0.038	15.95	0.039
1.4	16QAM	1	0	15.77	0.038	15.62	0.036	15.96	0.039
1.4	16QAM	1	3	15.64	0.037	15.66	0.037	15.90	0.039
1.4	16QAM	1	5	15.61	0.036	15.69	0.037	15.84	0.038
1.4	16QAM	3	0	15.75	0.038	15.76	0.038	15.93	0.039
1.4	16QAM	3	1	15.65	0.037	15.69	0.037	15.92	0.039
1.4	16QAM	3	3	15.62	0.036	15.63	0.037	15.87	0.039
1.4	16QAM	6	0	14.70	0.030	14.76	0.030	14.87	0.031
1.4	64QAM	1	0	14.79	0.030	14.83	0.030	15.06	0.032
1.4	64QAM	1	3	14.76	0.030	14.79	0.030	15.00	0.032
1.4	64QAM	1	5	14.69	0.029	14.76	0.030	14.94	0.031
1.4	64QAM	3	0	14.84	0.030	14.91	0.031	15.13	0.033
1.4	64QAM	3	1	14.81	0.030	14.79	0.030	15.02	0.032
1.4	64QAM	3	3	14.70	0.030	14.81	0.030	14.99	0.032
1.4	64QAM	6	0	13.75	0.024	13.79	0.024	13.99	0.025



LTE Band 13				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				/		23230		/	
Frequency (MHz)				/		782		/	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	/	/	17.19	0.052	/	/
10	QPSK	1	25	/	/	17.12	0.052	/	/
10	QPSK	1	49	/	/	16.95	0.050	/	/
10	QPSK	25	0	/	/	15.93	0.039	/	/
10	QPSK	25	12	/	/	15.88	0.039	/	/
10	QPSK	25	25	/	/	15.86	0.039	/	/
10	QPSK	50	0	/	/	15.91	0.039	/	/
10	16QAM	1	0	/	/	15.90	0.039	/	/
10	16QAM	1	25	/	/	15.88	0.039	/	/
10	16QAM	1	49	/	/	15.81	0.038	/	/
10	16QAM	25	0	/	/	14.97	0.031	/	/
10	16QAM	25	12	/	/	14.90	0.031	/	/
10	16QAM	25	25	/	/	14.95	0.031	/	/
10	16QAM	50	0	/	/	14.92	0.031	/	/
10	64QAM	1	0	/	/	14.95	0.031	/	/
10	64QAM	1	25	/	/	14.90	0.031	/	/
10	64QAM	1	49	/	/	14.86	0.031	/	/
10	64QAM	25	0	/	/	13.93	0.025	/	/
10	64QAM	25	12	/	/	13.91	0.025	/	/
10	64QAM	25	25	/	/	13.88	0.024	/	/
10	64QAM	50	0	/	/	13.85	0.024	/	/



LTE Band 13				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23205		23230		23255	
Frequency (MHz)				779.5		782		784.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	17.13	0.052	17.17	0.052	17.15	0.052
5	QPSK	1	12	17.09	0.051	17.12	0.052	17.10	0.051
5	QPSK	1	24	16.91	0.049	16.89	0.049	16.92	0.049
5	QPSK	12	0	15.92	0.039	15.90	0.039	15.88	0.039
5	QPSK	12	7	15.80	0.038	15.79	0.038	15.84	0.038
5	QPSK	12	13	15.85	0.038	15.85	0.038	15.83	0.038
5	QPSK	25	0	15.82	0.038	15.86	0.039	15.90	0.039
5	16QAM	1	0	15.86	0.039	15.84	0.038	15.81	0.038
5	16QAM	1	12	15.82	0.038	15.79	0.038	15.80	0.038
5	16QAM	1	24	15.75	0.038	15.72	0.037	15.72	0.037
5	16QAM	12	0	14.90	0.031	14.95	0.031	14.92	0.031
5	16QAM	12	7	14.81	0.030	14.85	0.031	14.82	0.030
5	16QAM	12	13	14.93	0.031	14.85	0.031	14.87	0.031
5	16QAM	25	0	14.89	0.031	14.83	0.030	14.91	0.031
5	64QAM	1	0	14.87	0.031	14.86	0.031	14.91	0.031
5	64QAM	1	12	14.82	0.030	14.83	0.030	14.88	0.031
5	64QAM	1	24	14.77	0.030	14.78	0.030	14.83	0.030
5	64QAM	12	0	13.92	0.025	13.83	0.024	13.91	0.025
5	64QAM	12	7	13.83	0.024	13.83	0.024	13.90	0.025
5	64QAM	12	13	13.82	0.024	13.86	0.024	13.82	0.024
5	64QAM	25	0	13.80	0.024	13.77	0.024	13.79	0.024



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	17.09	0.051	17.00	0.050	16.95	0.050
10	QPSK	1	25	17.05	0.051	16.97	0.050	16.93	0.049
10	QPSK	1	49	17.03	0.050	16.88	0.049	16.91	0.049
10	QPSK	25	0	15.93	0.039	15.83	0.038	15.76	0.038
10	QPSK	25	12	15.89	0.039	15.79	0.038	15.72	0.037
10	QPSK	25	25	15.86	0.039	15.73	0.037	15.72	0.037
10	QPSK	50	0	15.91	0.039	15.77	0.038	15.83	0.038
10	16QAM	1	0	15.84	0.038	15.75	0.038	15.76	0.038
10	16QAM	1	25	15.80	0.038	15.67	0.037	15.67	0.037
10	16QAM	1	49	15.78	0.038	15.67	0.037	15.65	0.037
10	16QAM	25	0	14.89	0.031	14.73	0.030	14.76	0.030
10	16QAM	25	12	14.83	0.030	14.74	0.030	14.68	0.029
10	16QAM	25	25	14.88	0.031	14.72	0.030	14.75	0.030
10	16QAM	50	0	14.81	0.030	14.68	0.029	14.64	0.029
10	64QAM	1	0	14.88	0.031	14.75	0.030	14.71	0.030
10	64QAM	1	25	14.85	0.031	14.69	0.029	14.73	0.030
10	64QAM	1	49	14.84	0.030	14.68	0.029	14.75	0.030
10	64QAM	25	0	13.84	0.024	13.69	0.023	13.72	0.024
10	64QAM	25	12	13.79	0.024	13.67	0.023	13.70	0.023
10	64QAM	25	25	13.82	0.024	13.67	0.023	13.65	0.023
10	64QAM	50	0	13.81	0.024	13.71	0.023	13.65	0.023



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	17.07	0.051	16.96	0.050	16.86	0.049
5	QPSK	1	12	16.97	0.050	16.93	0.049	16.90	0.049
5	QPSK	1	24	16.95	0.050	16.83	0.048	16.82	0.048
5	QPSK	12	0	15.88	0.039	15.80	0.038	15.66	0.037
5	QPSK	12	7	15.86	0.039	15.69	0.037	15.65	0.037
5	QPSK	12	13	15.80	0.038	15.68	0.037	15.62	0.036
5	QPSK	25	0	15.88	0.039	15.73	0.037	15.75	0.038
5	16QAM	1	0	15.82	0.038	15.65	0.037	15.70	0.037
5	16QAM	1	12	15.78	0.038	15.65	0.037	15.61	0.036
5	16QAM	1	24	15.76	0.038	15.64	0.037	15.55	0.036
5	16QAM	12	0	14.88	0.031	14.65	0.029	14.75	0.030
5	16QAM	12	7	14.81	0.030	14.70	0.030	14.60	0.029
5	16QAM	12	13	14.80	0.030	14.65	0.029	14.74	0.030
5	16QAM	25	0	14.72	0.030	14.62	0.029	14.55	0.029
5	64QAM	1	0	14.87	0.031	14.68	0.029	14.66	0.029
5	64QAM	1	12	14.83	0.030	14.66	0.029	14.64	0.029
5	64QAM	1	24	14.74	0.030	14.64	0.029	14.72	0.030
5	64QAM	12	0	13.83	0.024	13.66	0.023	13.67	0.023
5	64QAM	12	7	13.75	0.024	13.61	0.023	13.66	0.023
5	64QAM	12	13	13.75	0.024	13.62	0.023	13.57	0.023
5	64QAM	25	0	13.78	0.024	13.65	0.023	13.64	0.023



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	22.69	0.186	22.80	0.191	22.77	0.189
20	QPSK	1	49	22.67	0.185	22.68	0.185	22.59	0.182
20	QPSK	1	99	22.65	0.184	22.74	0.188	22.72	0.187
20	QPSK	50	0	21.59	0.144	21.67	0.147	21.63	0.146
20	QPSK	50	24	21.55	0.143	21.62	0.145	21.52	0.142
20	QPSK	50	50	21.60	0.145	21.64	0.146	21.55	0.143
20	QPSK	100	0	21.62	0.145	21.63	0.146	21.61	0.145
20	16QAM	1	0	21.58	0.144	21.59	0.144	21.50	0.141
20	16QAM	1	49	21.52	0.142	21.54	0.143	21.52	0.142
20	16QAM	1	99	21.48	0.141	21.52	0.142	21.45	0.140
20	16QAM	50	0	20.86	0.122	20.90	0.123	20.81	0.121
20	16QAM	50	24	20.83	0.121	20.84	0.121	20.74	0.119
20	16QAM	50	50	20.78	0.120	20.88	0.122	20.87	0.122
20	16QAM	100	0	20.75	0.119	20.80	0.120	20.71	0.118
20	64QAM	1	0	20.64	0.116	20.65	0.116	20.55	0.114
20	64QAM	1	49	20.59	0.115	20.64	0.116	20.55	0.114
20	64QAM	1	99	20.53	0.113	20.61	0.115	20.58	0.114
20	64QAM	50	0	19.94	0.099	19.96	0.099	19.94	0.099
20	64QAM	50	24	19.87	0.097	19.94	0.099	19.87	0.097
20	64QAM	50	50	19.88	0.097	19.91	0.098	19.84	0.096
20	64QAM	100	0	19.84	0.096	19.93	0.098	19.87	0.097



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	22.67	0.185	22.78	0.190	22.68	0.185
15	QPSK	1	37	22.62	0.183	22.61	0.182	22.52	0.179
15	QPSK	1	74	22.56	0.180	22.66	0.185	22.67	0.185
15	QPSK	36	0	21.55	0.143	21.65	0.146	21.54	0.143
15	QPSK	36	20	21.52	0.142	21.55	0.143	21.50	0.141
15	QPSK	36	39	21.56	0.143	21.55	0.143	21.50	0.141
15	QPSK	75	0	21.61	0.145	21.57	0.144	21.52	0.142
15	16QAM	1	0	21.57	0.144	21.52	0.142	21.42	0.139
15	16QAM	1	37	21.42	0.139	21.45	0.140	21.47	0.140
15	16QAM	1	74	21.44	0.139	21.50	0.141	21.36	0.137
15	16QAM	36	0	20.78	0.120	20.81	0.121	20.73	0.118
15	16QAM	36	20	20.74	0.119	20.74	0.119	20.65	0.116
15	16QAM	36	39	20.77	0.119	20.86	0.122	20.84	0.121
15	16QAM	75	0	20.68	0.117	20.78	0.120	20.65	0.116
15	64QAM	1	0	20.63	0.116	20.58	0.114	20.46	0.111
15	64QAM	1	37	20.55	0.114	20.62	0.115	20.54	0.113
15	64QAM	1	74	20.52	0.113	20.53	0.113	20.49	0.112
15	64QAM	36	0	19.84	0.096	19.93	0.098	19.86	0.097
15	64QAM	36	20	19.80	0.095	19.87	0.097	19.78	0.095
15	64QAM	36	39	19.86	0.097	19.90	0.098	19.75	0.094
15	64QAM	75	0	19.83	0.096	19.90	0.098	19.77	0.095



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	22.65	0.184	22.74	0.188	22.73	0.187
10	QPSK	1	25	22.63	0.183	22.58	0.181	22.50	0.178
10	QPSK	1	49	22.56	0.180	22.64	0.184	22.65	0.184
10	QPSK	25	0	21.53	0.142	21.60	0.145	21.54	0.143
10	QPSK	25	12	21.46	0.140	21.53	0.142	21.45	0.140
10	QPSK	25	25	21.52	0.142	21.54	0.143	21.48	0.141
10	QPSK	50	0	21.54	0.143	21.55	0.143	21.53	0.142
10	16QAM	1	0	21.52	0.142	21.58	0.144	21.43	0.139
10	16QAM	1	25	21.51	0.142	21.50	0.141	21.42	0.139
10	16QAM	1	49	21.38	0.137	21.42	0.139	21.38	0.137
10	16QAM	25	0	20.76	0.119	20.83	0.121	20.78	0.120
10	16QAM	25	12	20.73	0.118	20.79	0.120	20.73	0.118
10	16QAM	25	25	20.74	0.119	20.86	0.122	20.86	0.122
10	16QAM	50	0	20.72	0.118	20.75	0.119	20.70	0.117
10	64QAM	1	0	20.58	0.114	20.63	0.116	20.47	0.111
10	64QAM	1	25	20.57	0.114	20.56	0.114	20.51	0.112
10	64QAM	1	49	20.50	0.112	20.51	0.112	20.55	0.114
10	64QAM	25	0	19.92	0.098	19.94	0.099	19.84	0.096
10	64QAM	25	12	19.79	0.095	19.86	0.097	19.83	0.096
10	64QAM	25	25	19.79	0.095	19.84	0.096	19.75	0.094
10	64QAM	50	0	19.79	0.095	19.85	0.097	19.77	0.095



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	22.61	0.182	22.75	0.188	22.69	0.186
5	QPSK	1	12	22.57	0.181	22.60	0.182	22.55	0.180
5	QPSK	1	24	22.56	0.180	22.64	0.184	22.71	0.187
5	QPSK	12	0	21.51	0.142	21.57	0.144	21.54	0.143
5	QPSK	12	7	21.50	0.141	21.55	0.143	21.47	0.140
5	QPSK	12	13	21.57	0.144	21.59	0.144	21.47	0.140
5	QPSK	25	0	21.54	0.143	21.61	0.145	21.58	0.144
5	16QAM	1	0	21.56	0.143	21.53	0.142	21.40	0.138
5	16QAM	1	12	21.44	0.139	21.51	0.142	21.46	0.140
5	16QAM	1	24	21.45	0.140	21.45	0.140	21.38	0.137
5	16QAM	12	0	20.77	0.119	20.82	0.121	20.76	0.119
5	16QAM	12	7	20.82	0.121	20.80	0.120	20.64	0.116
5	16QAM	12	13	20.73	0.118	20.82	0.121	20.79	0.120
5	16QAM	25	0	20.72	0.118	20.76	0.119	20.68	0.117
5	64QAM	1	0	20.55	0.114	20.57	0.114	20.49	0.112
5	64QAM	1	12	20.52	0.113	20.54	0.113	20.53	0.113
5	64QAM	1	24	20.47	0.111	20.55	0.114	20.57	0.114
5	64QAM	12	0	19.88	0.097	19.89	0.097	19.93	0.098
5	64QAM	12	7	19.85	0.097	19.93	0.098	19.82	0.096
5	64QAM	12	13	19.82	0.096	19.90	0.098	19.76	0.095
5	64QAM	25	0	19.82	0.096	19.85	0.097	19.86	0.097



LTE Band 41				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				40140		40640		41140	
Frequency (MHz)				2545		2595		2645	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	22.69	0.186	22.86	0.193	22.89	0.195
20	QPSK	1	49	22.66	0.185	22.84	0.192	22.84	0.192
20	QPSK	1	99	22.64	0.184	22.82	0.191	22.71	0.187
20	QPSK	50	0	21.74	0.149	21.85	0.153	21.79	0.151
20	QPSK	50	24	21.72	0.149	21.84	0.153	21.71	0.148
20	QPSK	50	50	21.71	0.148	21.81	0.152	21.66	0.147
20	QPSK	100	0	21.68	0.147	21.80	0.151	21.64	0.146
20	16QAM	1	0	21.32	0.136	21.37	0.137	21.44	0.139
20	16QAM	1	49	21.29	0.135	21.35	0.136	21.36	0.137
20	16QAM	1	99	21.25	0.133	21.28	0.134	21.24	0.133
20	16QAM	50	0	20.61	0.115	20.75	0.119	20.65	0.116
20	16QAM	50	24	20.59	0.115	20.72	0.118	20.60	0.115
20	16QAM	50	50	20.58	0.114	20.69	0.117	20.64	0.116
20	16QAM	100	0	20.57	0.114	20.59	0.115	20.61	0.115
20	64QAM	1	0	20.33	0.108	20.69	0.117	20.57	0.114
20	64QAM	1	49	20.28	0.107	20.70	0.117	20.54	0.113
20	64QAM	1	99	20.25	0.106	20.40	0.110	20.39	0.109
20	64QAM	50	0	19.67	0.093	19.64	0.092	19.78	0.095
20	64QAM	50	24	19.64	0.092	19.84	0.096	19.69	0.093
20	64QAM	50	50	19.65	0.092	19.87	0.097	19.67	0.093
20	64QAM	100	0	19.54	0.090	19.80	0.095	19.64	0.092



LTE Band 41				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				40115		40640		41165	
Frequency (MHz)				2542.5		2595		2647.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	22.62	0.183	22.77	0.189	22.81	0.191
15	QPSK	1	37	22.63	0.183	22.76	0.189	22.78	0.190
15	QPSK	1	74	22.55	0.180	22.75	0.188	22.65	0.184
15	QPSK	36	0	21.73	0.149	21.78	0.151	21.77	0.150
15	QPSK	36	20	21.68	0.147	21.79	0.151	21.64	0.146
15	QPSK	36	39	21.70	0.148	21.75	0.150	21.60	0.145
15	QPSK	75	0	21.66	0.147	21.74	0.149	21.57	0.144
15	16QAM	1	0	21.23	0.133	21.34	0.136	21.35	0.136
15	16QAM	1	37	21.26	0.134	21.32	0.136	21.33	0.136
15	16QAM	1	74	21.23	0.133	21.23	0.133	21.22	0.132
15	16QAM	36	0	20.56	0.114	20.68	0.117	20.59	0.115
15	16QAM	36	20	20.54	0.113	20.70	0.117	20.57	0.114
15	16QAM	36	39	20.49	0.112	20.63	0.116	20.59	0.115
15	16QAM	75	0	20.52	0.113	20.50	0.112	20.57	0.114
15	64QAM	1	0	20.30	0.107	20.66	0.116	20.47	0.111
15	64QAM	1	37	20.27	0.106	20.60	0.115	20.45	0.111
15	64QAM	1	74	20.23	0.105	20.36	0.109	20.38	0.109
15	64QAM	36	0	19.60	0.091	19.59	0.091	19.69	0.093
15	64QAM	36	20	19.55	0.090	19.76	0.095	19.68	0.093
15	64QAM	36	39	19.58	0.091	19.83	0.096	19.57	0.091
15	64QAM	75	0	19.52	0.090	19.70	0.093	19.59	0.091



LTE Band 41				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				40090		40640		41190	
Frequency (MHz)				2540		2595		2650	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	22.63	0.183	22.77	0.189	22.83	0.192
10	QPSK	1	25	22.63	0.183	22.81	0.191	22.78	0.190
10	QPSK	1	49	22.62	0.183	22.78	0.190	22.65	0.184
10	QPSK	25	0	21.66	0.147	21.84	0.153	21.72	0.149
10	QPSK	25	12	21.66	0.147	21.78	0.151	21.67	0.147
10	QPSK	25	25	21.65	0.146	21.77	0.150	21.65	0.146
10	QPSK	50	0	21.61	0.145	21.71	0.148	21.57	0.144
10	16QAM	1	0	21.24	0.133	21.29	0.135	21.34	0.136
10	16QAM	1	25	21.26	0.134	21.32	0.136	21.32	0.136
10	16QAM	1	49	21.22	0.132	21.23	0.133	21.20	0.132
10	16QAM	25	0	20.55	0.114	20.65	0.116	20.62	0.115
10	16QAM	25	12	20.49	0.112	20.68	0.117	20.54	0.113
10	16QAM	25	25	20.48	0.112	20.64	0.116	20.60	0.115
10	16QAM	50	0	20.52	0.113	20.57	0.114	20.58	0.114
10	64QAM	1	0	20.28	0.107	20.61	0.115	20.53	0.113
10	64QAM	1	25	20.20	0.105	20.60	0.115	20.49	0.112
10	64QAM	1	49	20.21	0.105	20.37	0.109	20.33	0.108
10	64QAM	25	0	19.64	0.092	19.61	0.091	19.72	0.094
10	64QAM	25	12	19.57	0.091	19.78	0.095	19.66	0.092
10	64QAM	25	25	19.62	0.092	19.86	0.097	19.57	0.091
10	64QAM	50	0	19.46	0.088	19.73	0.094	19.61	0.091



LTE Band 41				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				40065		40640		41215	
Frequency (MHz)				2537.5		2595		2652.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	22.65	0.184	22.85	0.193	22.85	0.193
5	QPSK	1	12	22.60	0.182	22.81	0.191	22.81	0.191
5	QPSK	1	24	22.58	0.181	22.76	0.189	22.69	0.186
5	QPSK	12	0	21.70	0.148	21.84	0.153	21.74	0.149
5	QPSK	12	7	21.66	0.147	21.74	0.149	21.68	0.147
5	QPSK	12	13	21.65	0.146	21.73	0.149	21.57	0.144
5	QPSK	25	0	21.67	0.147	21.76	0.150	21.58	0.144
5	16QAM	1	0	21.31	0.135	21.32	0.136	21.34	0.136
5	16QAM	1	12	21.20	0.132	21.26	0.134	21.35	0.136
5	16QAM	1	24	21.17	0.131	21.21	0.132	21.14	0.130
5	16QAM	12	0	20.57	0.114	20.73	0.118	20.60	0.115
5	16QAM	12	7	20.58	0.114	20.67	0.117	20.54	0.113
5	16QAM	12	13	20.52	0.113	20.67	0.117	20.61	0.115
5	16QAM	25	0	20.52	0.113	20.52	0.113	20.52	0.113
5	64QAM	1	0	20.27	0.106	20.61	0.115	20.54	0.113
5	64QAM	1	12	20.23	0.105	20.64	0.116	20.49	0.112
5	64QAM	1	24	20.23	0.105	20.31	0.107	20.32	0.108
5	64QAM	12	0	19.57	0.091	19.61	0.091	19.75	0.094
5	64QAM	12	7	19.63	0.092	19.78	0.095	19.66	0.092
5	64QAM	12	13	19.60	0.091	19.77	0.095	19.63	0.092
5	64QAM	25	0	19.52	0.090	19.71	0.094	19.55	0.090



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				132072		132322		132572	
Frequency (MHz)				1720		1745		1770	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	21.88	0.154	21.99	0.158	21.86	0.153
20	QPSK	1	49	21.82	0.152	21.93	0.156	21.85	0.153
20	QPSK	1	99	21.72	0.149	21.86	0.153	21.71	0.148
20	QPSK	50	0	20.70	0.117	20.86	0.122	20.69	0.117
20	QPSK	50	24	20.67	0.117	20.84	0.121	20.76	0.119
20	QPSK	50	50	20.67	0.117	20.82	0.121	20.69	0.117
20	QPSK	100	0	20.63	0.116	20.79	0.120	20.67	0.117
20	16QAM	1	0	20.63	0.116	20.71	0.118	20.57	0.114
20	16QAM	1	49	20.55	0.114	20.67	0.117	20.51	0.112
20	16QAM	1	99	20.50	0.112	20.62	0.115	20.51	0.112
20	16QAM	50	0	19.63	0.092	19.79	0.095	19.70	0.093
20	16QAM	50	24	19.59	0.091	19.73	0.094	19.57	0.091
20	16QAM	50	50	19.59	0.091	19.72	0.094	19.55	0.090
20	16QAM	100	0	19.62	0.092	19.73	0.094	19.62	0.092
20	64QAM	1	0	19.65	0.092	19.79	0.095	19.67	0.093
20	64QAM	1	49	19.62	0.092	19.75	0.094	19.64	0.092
20	64QAM	1	99	19.61	0.091	19.70	0.093	19.60	0.091
20	64QAM	50	0	18.67	0.074	18.84	0.077	18.68	0.074
20	64QAM	50	24	18.70	0.074	18.81	0.076	18.73	0.075
20	64QAM	50	50	18.67	0.074	18.83	0.076	18.69	0.074
20	64QAM	100	0	18.60	0.072	18.74	0.075	18.62	0.073



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				132047		132322		132597	
Frequency (MHz)				1717.5		1745		1772.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	21.82	0.152	21.97	0.157	21.82	0.152
15	QPSK	1	37	21.80	0.151	21.92	0.156	21.76	0.150
15	QPSK	1	74	21.67	0.147	21.77	0.150	21.65	0.146
15	QPSK	36	0	20.67	0.117	20.84	0.121	20.60	0.115
15	QPSK	36	20	20.64	0.116	20.76	0.119	20.66	0.116
15	QPSK	36	39	20.63	0.116	20.76	0.119	20.59	0.115
15	QPSK	75	0	20.61	0.115	20.70	0.117	20.66	0.116
15	16QAM	1	0	20.54	0.113	20.67	0.117	20.48	0.112
15	16QAM	1	37	20.49	0.112	20.64	0.116	20.49	0.112
15	16QAM	1	74	20.46	0.111	20.60	0.115	20.47	0.111
15	16QAM	36	0	19.59	0.091	19.76	0.095	19.65	0.092
15	16QAM	36	20	19.55	0.090	19.71	0.094	19.56	0.090
15	16QAM	36	39	19.50	0.089	19.67	0.093	19.49	0.089
15	16QAM	75	0	19.60	0.091	19.72	0.094	19.56	0.090
15	64QAM	1	0	19.60	0.091	19.69	0.093	19.62	0.092
15	64QAM	1	37	19.56	0.090	19.65	0.092	19.63	0.092
15	64QAM	1	74	19.58	0.091	19.65	0.092	19.55	0.090
15	64QAM	36	0	18.64	0.073	18.77	0.075	18.61	0.073
15	64QAM	36	20	18.62	0.073	18.74	0.075	18.72	0.074
15	64QAM	36	39	18.58	0.072	18.82	0.076	18.59	0.072
15	64QAM	75	0	18.56	0.072	18.69	0.074	18.56	0.072



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				132022		132322		132622	
Frequency (MHz)				1715		1745		1775	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	21.86	0.153	21.94	0.156	21.82	0.152
10	QPSK	1	25	21.76	0.150	21.83	0.152	21.77	0.150
10	QPSK	1	49	21.63	0.146	21.81	0.152	21.61	0.145
10	QPSK	25	0	20.60	0.115	20.83	0.121	20.61	0.115
10	QPSK	25	12	20.64	0.116	20.78	0.120	20.71	0.118
10	QPSK	25	25	20.61	0.115	20.76	0.119	20.61	0.115
10	QPSK	50	0	20.56	0.114	20.70	0.117	20.64	0.116
10	16QAM	1	0	20.60	0.115	20.68	0.117	20.52	0.113
10	16QAM	1	25	20.48	0.112	20.61	0.115	20.43	0.110
10	16QAM	1	49	20.45	0.111	20.59	0.115	20.41	0.110
10	16QAM	25	0	19.61	0.091	19.71	0.094	19.64	0.092
10	16QAM	25	12	19.51	0.089	19.64	0.092	19.48	0.089
10	16QAM	25	25	19.51	0.089	19.63	0.092	19.52	0.090
10	16QAM	50	0	19.54	0.090	19.67	0.093	19.60	0.091
10	64QAM	1	0	19.56	0.090	19.76	0.095	19.59	0.091
10	64QAM	1	25	19.54	0.090	19.74	0.094	19.60	0.091
10	64QAM	1	49	19.54	0.090	19.62	0.092	19.58	0.091
10	64QAM	25	0	18.63	0.073	18.81	0.076	18.64	0.073
10	64QAM	25	12	18.65	0.073	18.71	0.074	18.71	0.074
10	64QAM	25	25	18.61	0.073	18.75	0.075	18.65	0.073
10	64QAM	50	0	18.56	0.072	18.72	0.074	18.54	0.071



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				131997		132322		132647	
Frequency (MHz)				1712.5		1745		1777.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	21.86	0.153	21.90	0.155	21.81	0.152
5	QPSK	1	12	21.72	0.149	21.86	0.153	21.75	0.150
5	QPSK	1	24	21.67	0.147	21.83	0.152	21.61	0.145
5	QPSK	12	0	20.64	0.116	20.85	0.122	20.65	0.116
5	QPSK	12	7	20.66	0.116	20.76	0.119	20.66	0.116
5	QPSK	12	13	20.59	0.115	20.72	0.118	20.65	0.116
5	QPSK	25	0	20.61	0.115	20.78	0.120	20.58	0.114
5	16QAM	1	0	20.58	0.114	20.65	0.116	20.47	0.111
5	16QAM	1	12	20.46	0.111	20.57	0.114	20.48	0.112
5	16QAM	1	24	20.48	0.112	20.54	0.113	20.44	0.111
5	16QAM	12	0	19.54	0.090	19.76	0.095	19.64	0.092
5	16QAM	12	7	19.51	0.089	19.63	0.092	19.53	0.090
5	16QAM	12	13	19.55	0.090	19.68	0.093	19.54	0.090
5	16QAM	25	0	19.52	0.090	19.66	0.092	19.53	0.090
5	64QAM	1	0	19.63	0.092	19.69	0.093	19.57	0.091
5	64QAM	1	12	19.61	0.091	19.72	0.094	19.56	0.090
5	64QAM	1	24	19.60	0.091	19.60	0.091	19.58	0.091
5	64QAM	12	0	18.57	0.072	18.76	0.075	18.59	0.072
5	64QAM	12	7	18.68	0.074	18.75	0.075	18.71	0.074
5	64QAM	12	13	18.65	0.073	18.81	0.076	18.68	0.074
5	64QAM	25	0	18.55	0.072	18.66	0.073	18.60	0.072



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				131987		132322		132657	
Frequency (MHz)				1711.5		1745		1778.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	21.86	0.153	21.93	0.156	21.85	0.153
3	QPSK	1	8	21.78	0.151	21.87	0.154	21.84	0.153
3	QPSK	1	14	21.64	0.146	21.76	0.150	21.62	0.145
3	QPSK	8	0	20.65	0.116	20.76	0.119	20.67	0.117
3	QPSK	8	4	20.61	0.115	20.78	0.120	20.71	0.118
3	QPSK	8	7	20.61	0.115	20.80	0.120	20.64	0.116
3	QPSK	15	0	20.58	0.114	20.71	0.118	20.63	0.116
3	16QAM	1	0	20.53	0.113	20.69	0.117	20.49	0.112
3	16QAM	1	8	20.49	0.112	20.59	0.115	20.48	0.112
3	16QAM	1	14	20.41	0.110	20.53	0.113	20.45	0.111
3	16QAM	8	0	19.60	0.091	19.71	0.094	19.64	0.092
3	16QAM	8	4	19.58	0.091	19.65	0.092	19.51	0.089
3	16QAM	8	7	19.54	0.090	19.62	0.092	19.45	0.088
3	16QAM	15	0	19.56	0.090	19.69	0.093	19.59	0.091
3	64QAM	1	0	19.59	0.091	19.77	0.095	19.64	0.092
3	64QAM	1	8	19.56	0.090	19.71	0.094	19.54	0.090
3	64QAM	1	14	19.54	0.090	19.66	0.092	19.56	0.090
3	64QAM	8	0	18.61	0.073	18.82	0.076	18.62	0.073
3	64QAM	8	4	18.62	0.073	18.76	0.075	18.70	0.074
3	64QAM	8	7	18.57	0.072	18.76	0.075	18.62	0.073
3	64QAM	15	0	18.55	0.072	18.73	0.075	18.59	0.072



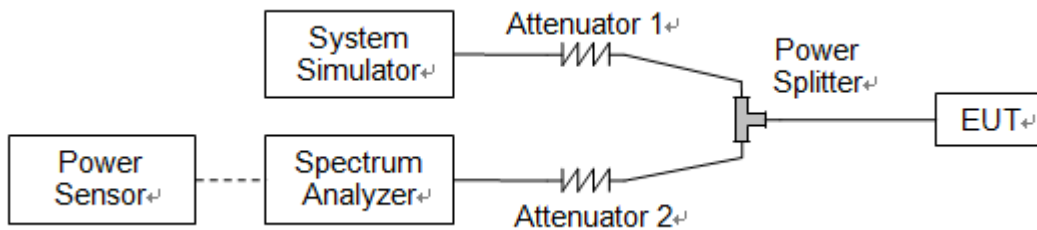
LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				131979		132322		132665	
Frequency (MHz)				1710.7		1745		1779.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	21.84	0.153	21.94	0.156	21.85	0.153
1.4	QPSK	1	3	21.79	0.151	21.87	0.154	21.77	0.150
1.4	QPSK	1	5	21.70	0.148	21.85	0.153	21.67	0.147
1.4	QPSK	3	0	21.61	0.145	21.71	0.148	21.59	0.144
1.4	QPSK	3	1	21.53	0.142	21.77	0.150	21.69	0.148
1.4	QPSK	3	3	21.56	0.143	21.69	0.148	21.60	0.145
1.4	QPSK	6	0	20.59	0.115	20.72	0.118	20.65	0.116
1.4	16QAM	1	0	20.60	0.115	20.68	0.117	20.56	0.114
1.4	16QAM	1	3	20.50	0.112	20.63	0.116	20.47	0.111
1.4	16QAM	1	5	20.49	0.112	20.57	0.114	20.46	0.111
1.4	16QAM	3	0	20.55	0.114	20.72	0.118	20.57	0.114
1.4	16QAM	3	1	20.46	0.111	20.64	0.116	20.44	0.111
1.4	16QAM	3	3	20.46	0.111	20.62	0.115	20.42	0.110
1.4	16QAM	6	0	19.55	0.090	19.69	0.093	19.60	0.091
1.4	64QAM	1	0	19.57	0.091	19.70	0.093	19.58	0.091
1.4	64QAM	1	3	19.61	0.091	19.73	0.094	19.63	0.092
1.4	64QAM	1	5	19.59	0.091	19.69	0.093	19.53	0.090
1.4	64QAM	3	0	19.52	0.090	19.72	0.094	19.54	0.090
1.4	64QAM	3	1	19.61	0.091	19.71	0.094	19.57	0.091
1.4	64QAM	3	3	19.53	0.090	19.67	0.093	19.58	0.091
1.4	64QAM	6	0	18.58	0.072	18.71	0.074	18.55	0.072

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.



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	1.0970	1.2680	PASS
B2	1.4	Low	18607	1850.7	16QAM	1.1002	1.2937	PASS
B2	1.4	Low	18607	1850.7	64QAM	1.1005	1.2794	PASS
B2	1.4	Mid	18900	1880	QPSK	1.0973	1.2740	PASS
B2	1.4	Mid	18900	1880	16QAM	1.1002	1.3046	PASS
B2	1.4	Mid	18900	1880	64QAM	1.1006	1.2826	PASS
B2	1.4	High	19193	1909.3	QPSK	1.0964	1.2609	PASS
B2	1.4	High	19193	1909.3	16QAM	1.0997	1.3049	PASS
B2	1.4	High	19193	1909.3	64QAM	1.0996	1.2755	PASS
B2	3	Low	18615	1851.5	QPSK	2.7035	2.9763	PASS
B2	3	Low	18615	1851.5	16QAM	2.7022	2.9785	PASS
B2	3	Low	18615	1851.5	64QAM	2.7033	2.9797	PASS
B2	3	Mid	18900	1880	QPSK	2.6988	2.9763	PASS
B2	3	Mid	18900	1880	16QAM	2.7007	2.9928	PASS
B2	3	Mid	18900	1880	64QAM	2.7048	2.9716	PASS
B2	3	High	19185	1908.5	QPSK	2.7041	2.9750	PASS
B2	3	High	19185	1908.5	16QAM	2.7023	2.9808	PASS
B2	3	High	19185	1908.5	64QAM	2.6964	2.9772	PASS
B2	5	Low	18625	1852.5	QPSK	4.4757	4.8804	PASS
B2	5	Low	18625	1852.5	16QAM	4.4719	4.9512	PASS
B2	5	Low	18625	1852.5	64QAM	4.4788	4.8343	PASS
B2	5	Mid	18900	1880	QPSK	4.4701	4.8868	PASS
B2	5	Mid	18900	1880	16QAM	4.4720	4.8710	PASS
B2	5	Mid	18900	1880	64QAM	4.4760	4.8542	PASS
B2	5	High	19175	1907.5	QPSK	4.4698	4.9133	PASS
B2	5	High	19175	1907.5	16QAM	4.4657	4.8971	PASS
B2	5	High	19175	1907.5	64QAM	4.4771	4.9251	PASS
B2	10	Low	18650	1855	QPSK	8.9360	9.6843	PASS
B2	10	Low	18650	1855	16QAM	8.9200	9.6068	PASS
B2	10	Low	18650	1855	64QAM	8.9372	9.6678	PASS
B2	10	Mid	18900	1880	QPSK	8.9304	9.6921	PASS
B2	10	Mid	18900	1880	16QAM	8.9167	9.6302	PASS
B2	10	Mid	18900	1880	64QAM	8.9257	9.6665	PASS



B2	10	High	19150	1905	QPSK	8.9439	9.6475	PASS
B2	10	High	19150	1905	16QAM	8.9203	9.5949	PASS
B2	10	High	19150	1905	64QAM	8.9297	9.6277	PASS
B2	15	Low	18675	1857.5	QPSK	13.434	14.409	PASS
B2	15	Low	18675	1857.5	16QAM	13.396	14.520	PASS
B2	15	Low	18675	1857.5	64QAM	13.375	14.386	PASS
B2	15	Mid	18900	1880	QPSK	13.355	14.331	PASS
B2	15	Mid	18900	1880	16QAM	13.380	14.469	PASS
B2	15	Mid	18900	1880	64QAM	13.370	14.354	PASS
B2	15	High	19125	1902.5	QPSK	13.381	14.321	PASS
B2	15	High	19125	1902.5	16QAM	13.393	14.505	PASS
B2	15	High	19125	1902.5	64QAM	13.340	14.349	PASS
B2	20	Low	18700	1860	QPSK	17.835	19.110	PASS
B2	20	Low	18700	1860	16QAM	17.839	19.069	PASS
B2	20	Low	18700	1860	64QAM	17.837	19.340	PASS
B2	20	Mid	18900	1880	QPSK	17.807	19.053	PASS
B2	20	Mid	18900	1880	16QAM	17.821	19.054	PASS
B2	20	Mid	18900	1880	64QAM	17.851	19.172	PASS
B2	20	High	19100	1900	QPSK	17.827	18.988	PASS
B2	20	High	19100	1900	16QAM	17.821	19.122	PASS
B2	20	High	19100	1900	64QAM	17.827	19.114	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	1.0982	1.2788	PASS
B4	1.4	Low	19957	1710.7	16QAM	1.1018	1.2839	PASS
B4	1.4	Low	19957	1710.7	64QAM	1.1008	1.2807	PASS
B4	1.4	Mid	20175	1732.5	QPSK	1.0975	1.2777	PASS
B4	1.4	Mid	20175	1732.5	16QAM	1.0975	1.2932	PASS
B4	1.4	Mid	20175	1732.5	64QAM	1.0989	1.2854	PASS
B4	1.4	High	20393	1754.3	QPSK	1.0986	1.2881	PASS
B4	1.4	High	20393	1754.3	16QAM	1.0996	1.2941	PASS
B4	1.4	High	20393	1754.3	64QAM	1.1000	1.2917	PASS
B4	3	Low	19965	1711.5	QPSK	2.7009	2.9843	PASS
B4	3	Low	19965	1711.5	16QAM	2.6990	2.9964	PASS
B4	3	Low	19965	1711.5	64QAM	2.7038	2.9768	PASS
B4	3	Mid	20175	1732.5	QPSK	2.7003	2.9785	PASS
B4	3	Mid	20175	1732.5	16QAM	2.7034	2.9906	PASS
B4	3	Mid	20175	1732.5	64QAM	2.7036	2.9699	PASS
B4	3	High	20385	1753.5	QPSK	2.7027	2.9939	PASS
B4	3	High	20385	1753.5	16QAM	2.6982	2.9901	PASS
B4	3	High	20385	1753.5	64QAM	2.7002	2.9827	PASS
B4	5	Low	19975	1712.5	QPSK	4.4717	4.8945	PASS
B4	5	Low	19975	1712.5	16QAM	4.4655	4.9153	PASS
B4	5	Low	19975	1712.5	64QAM	4.4784	4.9094	PASS
B4	5	Mid	20175	1732.5	QPSK	4.4687	4.9156	PASS
B4	5	Mid	20175	1732.5	16QAM	4.4706	4.9008	PASS
B4	5	Mid	20175	1732.5	64QAM	4.4836	4.8879	PASS
B4	5	High	20375	1752.5	QPSK	4.4752	4.9000	PASS
B4	5	High	20375	1752.5	16QAM	4.4719	4.9125	PASS
B4	5	High	20375	1752.5	64QAM	4.4755	4.8856	PASS
B4	10	Low	20000	1715	QPSK	8.9267	9.6385	PASS
B4	10	Low	20000	1715	16QAM	8.9143	9.6132	PASS
B4	10	Low	20000	1715	64QAM	8.9291	9.6563	PASS
B4	10	Mid	20175	1732.5	QPSK	8.9509	9.6107	PASS
B4	10	Mid	20175	1732.5	16QAM	8.9256	9.6288	PASS
B4	10	Mid	20175	1732.5	64QAM	8.9265	9.6605	PASS
B4	10	High	20350	1750	QPSK	8.9259	9.6202	PASS
B4	10	High	20350	1750	16QAM	8.9092	9.5713	PASS



B4	10	High	20350	1750	64QAM	8.9286	9.6531	PASS
B4	15	Low	20025	1717.5	QPSK	13.422	14.391	PASS
B4	15	Low	20025	1717.5	16QAM	13.372	14.396	PASS
B4	15	Low	20025	1717.5	64QAM	13.367	14.454	PASS
B4	15	Mid	20175	1732.5	QPSK	13.408	14.370	PASS
B4	15	Mid	20175	1732.5	16QAM	13.387	14.479	PASS
B4	15	Mid	20175	1732.5	64QAM	13.375	14.334	PASS
B4	15	High	20325	1747.5	QPSK	13.351	14.386	PASS
B4	15	High	20325	1747.5	16QAM	13.390	14.424	PASS
B4	15	High	20325	1747.5	64QAM	13.350	14.373	PASS
B4	20	Low	20050	1720	QPSK	17.824	19.015	PASS
B4	20	Low	20050	1720	16QAM	17.878	19.068	PASS
B4	20	Low	20050	1720	64QAM	17.830	18.906	PASS
B4	20	Mid	20175	1732.5	QPSK	17.830	19.201	PASS
B4	20	Mid	20175	1732.5	16QAM	17.866	19.066	PASS
B4	20	Mid	20175	1732.5	64QAM	17.825	19.007	PASS
B4	20	High	20300	1745	QPSK	17.838	19.029	PASS
B4	20	High	20300	1745	16QAM	17.830	19.116	PASS
B4	20	High	20300	1745	64QAM	17.853	19.020	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	1.0953	1.2891	PASS
B5	1.4	Low	20407	824.7	16QAM	1.1016	1.2943	PASS
B5	1.4	Low	20407	824.7	64QAM	1.1014	1.2833	PASS
B5	1.4	Mid	20525	836.5	QPSK	1.0955	1.2791	PASS
B5	1.4	Mid	20525	836.5	16QAM	1.0985	1.2755	PASS
B5	1.4	Mid	20525	836.5	64QAM	1.1003	1.2779	PASS
B5	1.4	High	20643	848.3	QPSK	1.0965	1.2754	PASS
B5	1.4	High	20643	848.3	16QAM	1.0971	1.2823	PASS
B5	1.4	High	20643	848.3	64QAM	1.1007	1.2860	PASS
B5	3	Low	20415	825.5	QPSK	2.6959	2.9701	PASS
B5	3	Low	20415	825.5	16QAM	2.6940	2.9826	PASS
B5	3	Low	20415	825.5	64QAM	2.6996	2.9843	PASS
B5	3	Mid	20525	836.5	QPSK	2.6988	2.9742	PASS
B5	3	Mid	20525	836.5	16QAM	2.7010	2.9863	PASS
B5	3	Mid	20525	836.5	64QAM	2.7029	2.9784	PASS
B5	3	High	20635	847.5	QPSK	2.6951	2.9951	PASS
B5	3	High	20635	847.5	16QAM	2.6980	2.9703	PASS
B5	3	High	20635	847.5	64QAM	2.7055	2.9833	PASS
B5	5	Low	20425	826.5	QPSK	4.4638	4.8872	PASS
B5	5	Low	20425	826.5	16QAM	4.4589	4.9095	PASS
B5	5	Low	20425	826.5	64QAM	4.4787	4.8867	PASS
B5	5	Mid	20525	836.5	QPSK	4.4696	4.9032	PASS
B5	5	Mid	20525	836.5	16QAM	4.4760	4.9055	PASS
B5	5	Mid	20525	836.5	64QAM	4.4775	4.8695	PASS
B5	5	High	20625	846.5	QPSK	4.4647	4.9095	PASS
B5	5	High	20625	846.5	16QAM	4.4675	4.8956	PASS
B5	5	High	20625	846.5	64QAM	4.4761	4.8426	PASS
B5	10	Low	20450	829	QPSK	8.9391	9.6153	PASS
B5	10	Low	20450	829	16QAM	8.9112	9.5511	PASS
B5	10	Low	20450	829	64QAM	8.9294	9.6239	PASS
B5	10	Mid	20525	836.5	QPSK	8.9410	9.5992	PASS
B5	10	Mid	20525	836.5	16QAM	8.9159	9.6360	PASS
B5	10	Mid	20525	836.5	64QAM	8.9208	9.6540	PASS
B5	10	High	20600	844	QPSK	8.9414	9.6433	PASS
B5	10	High	20600	844	16QAM	8.9189	9.6152	PASS



B5	10	High	20600	844	64QAM	8.9246	9.6102	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	4.4708	4.8820	PASS
B7	5	Low	20775	2502.5	16QAM	4.4708	4.9225	PASS
B7	5	Low	20775	2502.5	64QAM	4.4761	4.8688	PASS
B7	5	Mid	21100	2535	QPSK	4.4678	4.9162	PASS
B7	5	Mid	21100	2535	16QAM	4.4717	4.8740	PASS
B7	5	Mid	21100	2535	64QAM	4.4790	4.8754	PASS
B7	5	High	21425	2567.5	QPSK	4.4685	4.9374	PASS
B7	5	High	21425	2567.5	16QAM	4.4673	4.9066	PASS
B7	5	High	21425	2567.5	64QAM	4.4731	4.8900	PASS
B7	10	Low	20800	2505	QPSK	8.9396	9.6207	PASS
B7	10	Low	20800	2505	16QAM	8.9150	9.6391	PASS
B7	10	Low	20800	2505	64QAM	8.9307	9.6453	PASS
B7	10	Mid	21100	2535	QPSK	8.9353	9.6741	PASS
B7	10	Mid	21100	2535	16QAM	8.9159	9.6369	PASS
B7	10	Mid	21100	2535	64QAM	8.9361	9.6152	PASS
B7	10	High	21400	2565	QPSK	8.9265	9.6204	PASS
B7	10	High	21400	2565	16QAM	8.9204	9.5674	PASS
B7	10	High	21400	2565	64QAM	8.9337	9.6373	PASS
B7	15	Low	20825	2507.5	QPSK	13.387	14.231	PASS
B7	15	Low	20825	2507.5	16QAM	13.392	14.459	PASS
B7	15	Low	20825	2507.5	64QAM	13.353	14.394	PASS
B7	15	Mid	21100	2535	QPSK	13.384	14.392	PASS
B7	15	Mid	21100	2535	16QAM	13.401	14.379	PASS
B7	15	Mid	21100	2535	64QAM	13.373	14.324	PASS
B7	15	High	21375	2562.5	QPSK	13.428	14.365	PASS
B7	15	High	21375	2562.5	16QAM	13.391	14.327	PASS
B7	15	High	21375	2562.5	64QAM	13.367	14.424	PASS
B7	20	Low	20850	2510	QPSK	17.807	19.150	PASS
B7	20	Low	20850	2510	16QAM	17.826	19.026	PASS
B7	20	Low	20850	2510	64QAM	17.845	18.999	PASS
B7	20	Mid	21100	2535	QPSK	17.843	19.102	PASS
B7	20	Mid	21100	2535	16QAM	17.832	19.065	PASS
B7	20	Mid	21100	2535	64QAM	17.822	19.073	PASS



B7	20	High	21350	2560	QPSK	17.846	19.096	PASS
B7	20	High	21350	2560	16QAM	17.841	19.107	PASS
B7	20	High	21350	2560	64QAM	17.850	19.203	PASS

LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B12	1.4	Low	23017	699.7	QPSK	1.0966	1.2694	PASS
B12	1.4	Low	23017	699.7	16QAM	1.0976	1.2872	PASS
B12	1.4	Low	23017	699.7	64QAM	1.0990	1.2887	PASS
B12	1.4	Mid	23095	707.5	QPSK	1.0962	1.2859	PASS
B12	1.4	Mid	23095	707.5	16QAM	1.0972	1.3013	PASS
B12	1.4	Mid	23095	707.5	64QAM	1.0986	1.2819	PASS
B12	1.4	High	23173	715.3	QPSK	1.0990	1.2788	PASS
B12	1.4	High	23173	715.3	16QAM	1.0966	1.2981	PASS
B12	1.4	High	23173	715.3	64QAM	1.0981	1.2912	PASS
B12	3	Low	23025	700.5	QPSK	2.6996	2.9956	PASS
B12	3	Low	23025	700.5	16QAM	2.6997	3.0012	PASS
B12	3	Low	23025	700.5	64QAM	2.7026	2.9678	PASS
B12	3	Mid	23095	707.5	QPSK	2.7026	2.9719	PASS
B12	3	Mid	23095	707.5	16QAM	2.6975	2.9961	PASS
B12	3	Mid	23095	707.5	64QAM	2.6991	2.9772	PASS
B12	3	High	23165	714.5	QPSK	2.7018	2.9938	PASS
B12	3	High	23165	714.5	16QAM	2.6993	2.9816	PASS
B12	3	High	23165	714.5	64QAM	2.7065	2.9823	PASS
B12	5	Low	23035	701.5	QPSK	4.4697	4.8423	PASS
B12	5	Low	23035	701.5	16QAM	4.4700	4.8931	PASS
B12	5	Low	23035	701.5	64QAM	4.4809	4.8691	PASS
B12	5	Mid	23095	707.5	QPSK	4.4700	4.9268	PASS
B12	5	Mid	23095	707.5	16QAM	4.4687	4.9031	PASS
B12	5	Mid	23095	707.5	64QAM	4.4781	4.8958	PASS
B12	5	High	23155	713.5	QPSK	4.4624	4.9096	PASS
B12	5	High	23155	713.5	16QAM	4.4651	4.8839	PASS
B12	5	High	23155	713.5	64QAM	4.4795	4.8755	PASS
B12	10	Low	23060	704	QPSK	8.9346	9.7026	PASS
B12	10	Low	23060	704	16QAM	8.9113	9.6137	PASS
B12	10	Low	23060	704	64QAM	8.9471	9.6778	PASS



B12	10	Mid	23095	707.5	QPSK	8.9557	9.6282	PASS
B12	10	Mid	23095	707.5	16QAM	8.9256	9.6219	PASS
B12	10	Mid	23095	707.5	64QAM	8.9247	9.6099	PASS
B12	10	High	23130	711	QPSK	8.9291	9.6351	PASS
B12	10	High	23130	711	16QAM	8.9027	9.6152	PASS
B12	10	High	23130	711	64QAM	8.9067	9.5900	PASS

LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B13	5	Low	23205	779.5	QPSK	4.4617	4.8873	PASS
B13	5	Low	23205	779.5	16QAM	4.4729	4.9364	PASS
B13	5	Low	23205	779.5	64QAM	4.4727	4.8746	PASS
B13	5	Mid	23230	782	QPSK	4.4677	4.8843	PASS
B13	5	Mid	23230	782	16QAM	4.4683	4.8293	PASS
B13	5	Mid	23230	782	64QAM	4.4725	4.8625	PASS
B13	5	High	23255	784.5	QPSK	4.4643	4.8839	PASS
B13	5	High	23255	784.5	16QAM	4.4719	4.8985	PASS
B13	5	High	23255	784.5	64QAM	4.4651	4.8760	PASS
B13	10	Mid	23230	782	QPSK	8.9316	9.6354	PASS
B13	10	Mid	23230	782	16QAM	8.9144	9.6274	PASS
B13	10	Mid	23230	782	64QAM	8.9157	9.6331	PASS



LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B17	5	Low	23755	706.5	QPSK	4.4679	4.8850	PASS
B17	5	Low	23755	706.5	16QAM	4.4700	4.8892	PASS
B17	5	Low	23755	706.5	64QAM	4.4752	4.8780	PASS
B17	5	Mid	23790	710	QPSK	4.4664	4.9294	PASS
B17	5	Mid	23790	710	16QAM	4.4651	4.8917	PASS
B17	5	Mid	23790	710	64QAM	4.4798	4.8649	PASS
B17	5	High	23825	713.5	QPSK	4.4671	4.8941	PASS
B17	5	High	23825	713.5	16QAM	4.4595	4.9180	PASS
B17	5	High	23825	713.5	64QAM	4.4661	4.8830	PASS
B17	10	Low	23780	709	QPSK	8.9263	9.6369	PASS
B17	10	Low	23780	709	16QAM	8.9165	9.6208	PASS
B17	10	Low	23780	709	64QAM	8.9263	9.5909	PASS
B17	10	Mid	23790	710	QPSK	8.9464	9.6320	PASS
B17	10	Mid	23790	710	16QAM	8.9202	9.6087	PASS
B17	10	Mid	23790	710	64QAM	8.9206	9.6377	PASS
B17	10	High	23800	711	QPSK	8.9313	9.6555	PASS
B17	10	High	23800	711	16QAM	8.9045	9.5911	PASS
B17	10	High	23800	711	64QAM	8.9282	9.6224	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	4.4579	4.7576	PASS
B38	5	Low	37775	2572.5	16QAM	4.4690	4.9063	PASS
B38	5	Low	37775	2572.5	64QAM	4.4779	4.8567	PASS
B38	5	Mid	38000	2595	QPSK	4.4674	4.8860	PASS
B38	5	Mid	38000	2595	16QAM	4.4661	4.8561	PASS
B38	5	Mid	38000	2595	64QAM	4.4780	4.8175	PASS
B38	5	High	38225	2617.5	QPSK	4.4669	4.8742	PASS
B38	5	High	38225	2617.5	16QAM	4.4657	4.8635	PASS
B38	5	High	38225	2617.5	64QAM	4.4796	4.8313	PASS
B38	10	Low	37800	2575	QPSK	8.9277	9.4812	PASS
B38	10	Low	37800	2575	16QAM	8.9199	9.5893	PASS
B38	10	Low	37800	2575	64QAM	8.9178	9.6474	PASS
B38	10	Mid	38000	2595	QPSK	8.9238	9.5940	PASS
B38	10	Mid	38000	2595	16QAM	8.9145	9.5385	PASS
B38	10	Mid	38000	2595	64QAM	8.9224	9.5745	PASS
B38	10	High	38200	2615	QPSK	8.9097	9.6142	PASS
B38	10	High	38200	2615	16QAM	8.9187	9.5668	PASS
B38	10	High	38200	2615	64QAM	8.9025	9.6716	PASS
B38	15	Low	37825	2577.5	QPSK	13.395	14.242	PASS
B38	15	Low	37825	2577.5	16QAM	13.372	14.452	PASS
B38	15	Low	37825	2577.5	64QAM	13.374	14.328	PASS
B38	15	Mid	38000	2595	QPSK	13.396	14.326	PASS
B38	15	Mid	38000	2595	16QAM	13.396	14.397	PASS
B38	15	Mid	38000	2595	64QAM	13.364	14.458	PASS
B38	15	High	38175	2612.5	QPSK	13.387	14.215	PASS
B38	15	High	38175	2612.5	16QAM	13.377	14.407	PASS
B38	15	High	38175	2612.5	64QAM	13.380	14.365	PASS
B38	20	Low	37850	2580	QPSK	17.823	19.042	PASS
B38	20	Low	37850	2580	16QAM	17.802	19.930	PASS
B38	20	Low	37850	2580	64QAM	17.781	18.957	PASS
B38	20	Mid	38000	2595	QPSK	17.846	18.991	PASS
B38	20	Mid	38000	2595	16QAM	17.818	19.247	PASS
B38	20	Mid	38000	2595	64QAM	17.870	19.149	PASS
B38	20	High	38150	2610	QPSK	17.816	19.047	PASS
B38	20	High	38150	2610	16QAM	17.827	19.291	PASS



B38	20	High	38150	2610	64QAM	17.878	18.911	PASS
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LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B41	5	Low	40065	2537.5	QPSK	4.4707	4.9024	PASS
B41	5	Low	40065	2537.5	16QAM	4.4705	4.8503	PASS
B41	5	Low	40065	2537.5	64QAM	4.4755	4.8762	PASS
B41	5	Mid	40640	2595	QPSK	4.4663	4.8970	PASS
B41	5	Mid	40640	2595	16QAM	4.4709	4.8611	PASS
B41	5	Mid	40640	2595	64QAM	4.4832	4.8559	PASS
B41	5	High	41215	2652.5	QPSK	4.4641	4.8658	PASS
B41	5	High	41215	2652.5	16QAM	4.4657	4.8553	PASS
B41	5	High	41215	2652.5	64QAM	4.4833	4.8264	PASS
B41	10	Low	40090	2540	QPSK	8.9329	9.5658	PASS
B41	10	Low	40090	2540	16QAM	8.9238	9.5877	PASS
B41	10	Low	40090	2540	64QAM	8.9283	9.6163	PASS
B41	10	Mid	40640	2595	QPSK	8.9337	9.5471	PASS
B41	10	Mid	40640	2595	16QAM	8.9167	9.4625	PASS
B41	10	Mid	40640	2595	64QAM	8.9240	9.6419	PASS
B41	10	High	41190	2650	QPSK	8.9118	9.6554	PASS
B41	10	High	41190	2650	16QAM	8.9087	9.5959	PASS
B41	10	High	41190	2650	64QAM	8.9240	9.6318	PASS
B41	15	Low	40115	2542.5	QPSK	13.372	14.231	PASS
B41	15	Low	40115	2542.5	16QAM	13.406	14.473	PASS
B41	15	Low	40115	2542.5	64QAM	13.374	14.454	PASS
B41	15	Mid	40640	2595	QPSK	13.402	14.227	PASS
B41	15	Mid	40640	2595	16QAM	13.393	14.491	PASS
B41	15	Mid	40640	2595	64QAM	13.372	14.435	PASS
B41	15	High	41165	2647.5	QPSK	13.405	14.214	PASS
B41	15	High	41165	2647.5	16QAM	13.386	14.415	PASS
B41	15	High	41165	2647.5	64QAM	13.358	14.388	PASS
B41	20	Low	40140	2545	QPSK	17.827	19.030	PASS
B41	20	Low	40140	2545	16QAM	17.826	19.162	PASS
B41	20	Low	40140	2545	64QAM	17.840	18.877	PASS
B41	20	Mid	40640	2595	QPSK	17.857	19.089	PASS
B41	20	Mid	40640	2595	16QAM	17.823	19.073	PASS
B41	20	Mid	40640	2595	64QAM	17.823	19.176	PASS



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B41	20	High	41140	2645	QPSK	17.836	18.978	PASS
B41	20	High	41140	2645	16QAM	17.828	19.603	PASS
B41	20	High	41140	2645	64QAM	17.831	19.087	PASS



LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B66	1.4	Low	131979	1710.7	QPSK	1.0961	1.2717	PASS
B66	1.4	Low	131979	1710.7	16QAM	1.0997	1.2930	PASS
B66	1.4	Low	131979	1710.7	64QAM	1.0996	1.3116	PASS
B66	1.4	Mid	132322	1745	QPSK	1.0968	1.2744	PASS
B66	1.4	Mid	132322	1745	16QAM	1.1020	1.2942	PASS
B66	1.4	Mid	132322	1745	64QAM	1.1004	1.3009	PASS
B66	1.4	High	132665	1779.3	QPSK	1.0965	1.2739	PASS
B66	1.4	High	132665	1779.3	16QAM	1.1032	1.2877	PASS
B66	1.4	High	132665	1779.3	64QAM	1.0970	1.3110	PASS
B66	3	Low	131987	1711.5	QPSK	2.6960	2.9669	PASS
B66	3	Low	131987	1711.5	16QAM	2.7006	2.9871	PASS
B66	3	Low	131987	1711.5	64QAM	2.7091	2.9955	PASS
B66	3	Mid	132322	1745	QPSK	2.6974	2.9730	PASS
B66	3	Mid	132322	1745	16QAM	2.6940	3.0001	PASS
B66	3	Mid	132322	1745	64QAM	2.7071	3.0003	PASS
B66	3	High	132657	1778.5	QPSK	2.7004	2.9862	PASS
B66	3	High	132657	1778.5	16QAM	2.6987	2.9933	PASS
B66	3	High	132657	1778.5	64QAM	2.7098	2.9906	PASS
B66	5	Low	131997	1712.5	QPSK	4.4730	4.9242	PASS
B66	5	Low	131997	1712.5	16QAM	4.4666	4.9128	PASS
B66	5	Low	131997	1712.5	64QAM	4.4771	4.8752	PASS
B66	5	Mid	132322	1745	QPSK	4.4673	4.9073	PASS
B66	5	Mid	132322	1745	16QAM	4.4766	4.9296	PASS
B66	5	Mid	132322	1745	64QAM	4.4791	4.8754	PASS
B66	5	High	132647	1777.5	QPSK	4.4680	4.9245	PASS
B66	5	High	132647	1777.5	16QAM	4.4686	4.8888	PASS
B66	5	High	132647	1777.5	64QAM	4.4625	4.8572	PASS
B66	10	Low	132022	1715	QPSK	8.9251	9.6552	PASS
B66	10	Low	132022	1715	16QAM	8.9158	9.6078	PASS
B66	10	Low	132022	1715	64QAM	8.9211	9.7509	PASS
B66	10	Mid	132322	1745	QPSK	8.9254	9.6487	PASS
B66	10	Mid	132322	1745	16QAM	8.9111	9.6250	PASS
B66	10	Mid	132322	1745	64QAM	8.9368	9.6867	PASS
B66	10	High	132622	1775	QPSK	8.9241	9.7279	PASS
B66	10	High	132622	1775	16QAM	8.9094	9.6149	PASS



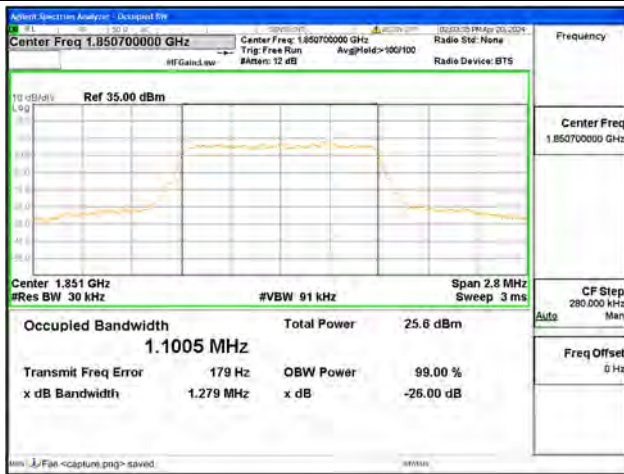
B66	10	High	132622	1775	64QAM	8.9341	9.6709	PASS
B66	15	Low	132047	1717.5	QPSK	13.368	14.324	PASS
B66	15	Low	132047	1717.5	16QAM	13.388	14.322	PASS
B66	15	Low	132047	1717.5	64QAM	13.375	14.293	PASS
B66	15	Mid	132322	1745	QPSK	13.405	14.354	PASS
B66	15	Mid	132322	1745	16QAM	13.400	14.431	PASS
B66	15	Mid	132322	1745	64QAM	13.399	14.388	PASS
B66	15	High	132597	1772.5	QPSK	13.398	14.324	PASS
B66	15	High	132597	1772.5	16QAM	13.391	14.297	PASS
B66	15	High	132597	1772.5	64QAM	13.381	14.360	PASS
B66	20	Low	132072	1720	QPSK	17.835	18.992	PASS
B66	20	Low	132072	1720	16QAM	17.868	19.117	PASS
B66	20	Low	132072	1720	64QAM	17.820	18.996	PASS
B66	20	Mid	132322	1745	QPSK	17.813	18.922	PASS
B66	20	Mid	132322	1745	16QAM	17.849	19.042	PASS
B66	20	Mid	132322	1745	64QAM	17.850	18.953	PASS
B66	20	High	132572	1770	QPSK	17.847	19.160	PASS
B66	20	High	132572	1770	16QAM	17.828	19.089	PASS
B66	20	High	132572	1770	64QAM	17.839	19.095	PASS



B2 / 1.4MHz / QPSK/ Low CH



B2 / 1.4MHz / 16QAM/ Low CH



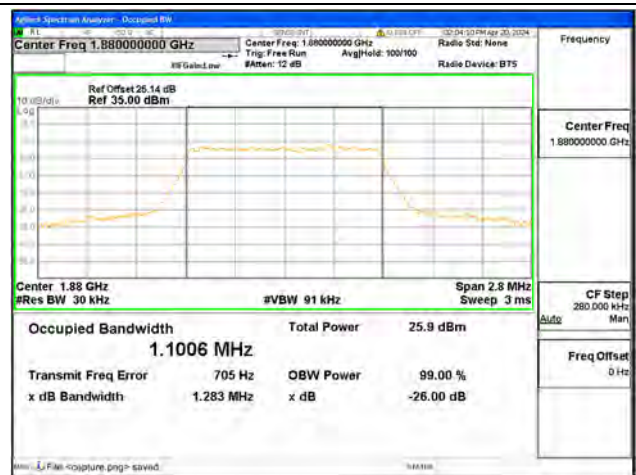
B2 / 1.4MHz / 64QAM/ Low CH



B2 / 1.4MHz / QPSK/ Mid CH



B2 / 1.4MHz / 16QAM/ Mid CH



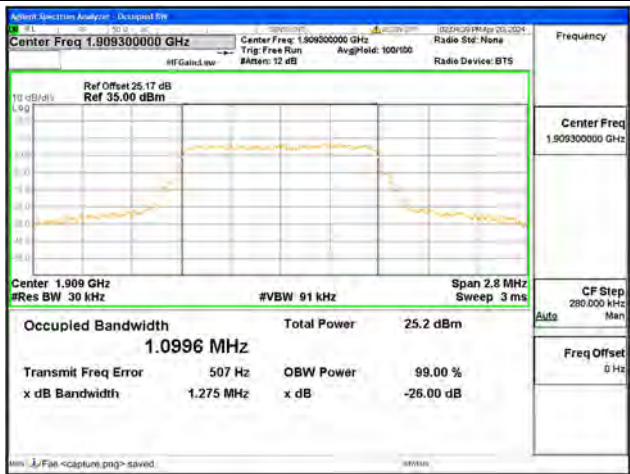
B2 / 1.4MHz / 64QAM/ Mid CH



B2 / 1.4MHz / QPSK/ High CH



B2 / 1.4MHz / 16QAM/ High CH



B2 / 1.4MHz / 64QAM/ High CH



B2 / 3MHz / QPSK/ Low CH



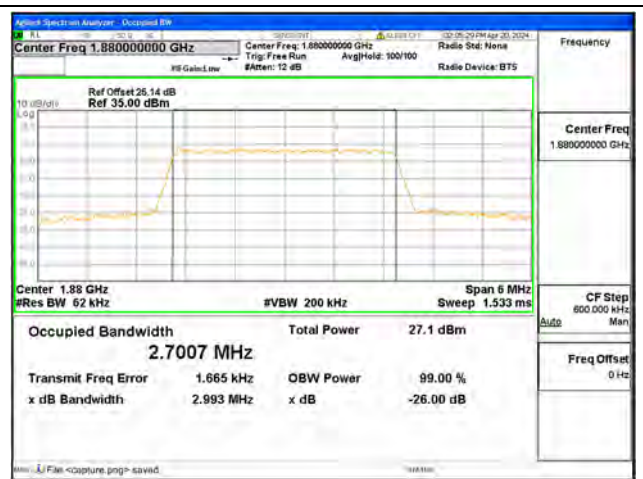
B2 / 3MHz / 16QAM/ Low CH



B2 / 3MHz / 64QAM/ Low CH



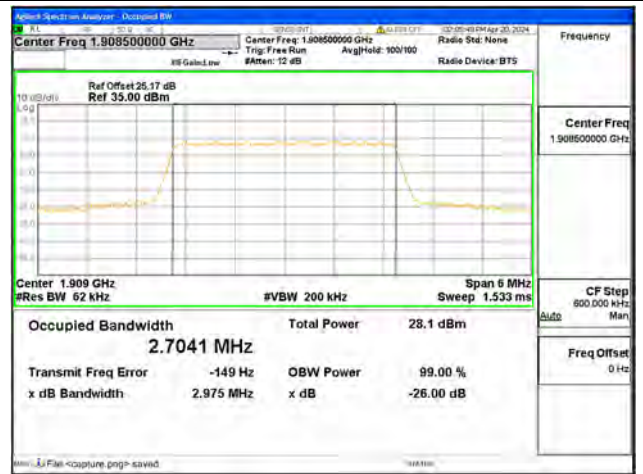
B2 / 3MHz / QPSK/ Mid CH



B2 / 3MHz / 16QAM/ Mid CH



B2 / 3MHz / 64QAM/ Mid CH



B2 / 3MHz / QPSK/ High CH



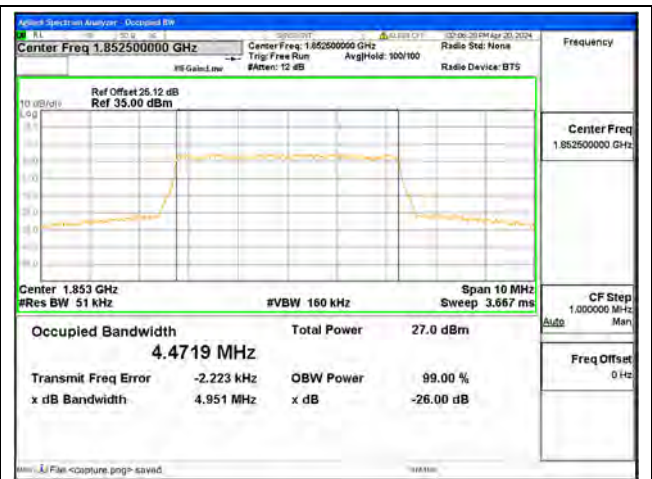
B2 / 3MHz / 16QAM/ High CH



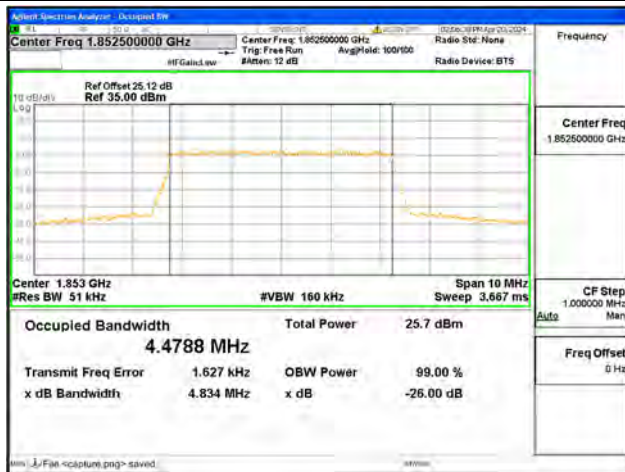
B2 / 3MHz / 64QAM/ High CH



B2 / 5MHz / QPSK/ Low CH



B2 / 5MHz / 16QAM/ Low CH



B2 / 5MHz / 64QAM/ Low CH



B2 / 5MHz / QPSK/ Mid CH



B2 / 5MHz / 16QAM/ Mid CH



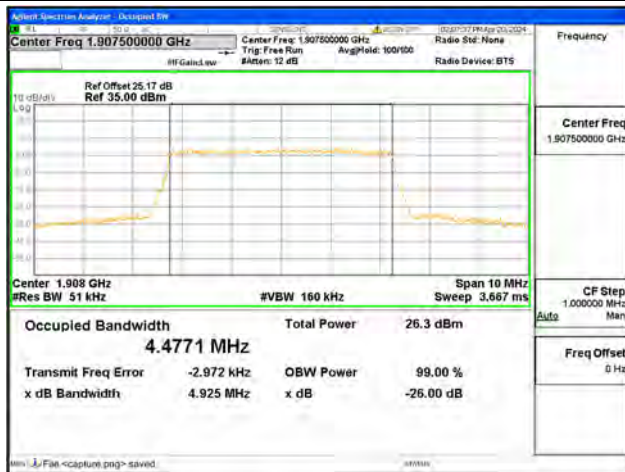
B2 / 5MHz / 64QAM/ Mid CH



B2 / 5MHz / QPSK/ High CH



B2 / 5MHz / 16QAM/ High CH



B2 / 5MHz / 64QAM/ High CH



B2 / 10MHz / QPSK/ Low CH



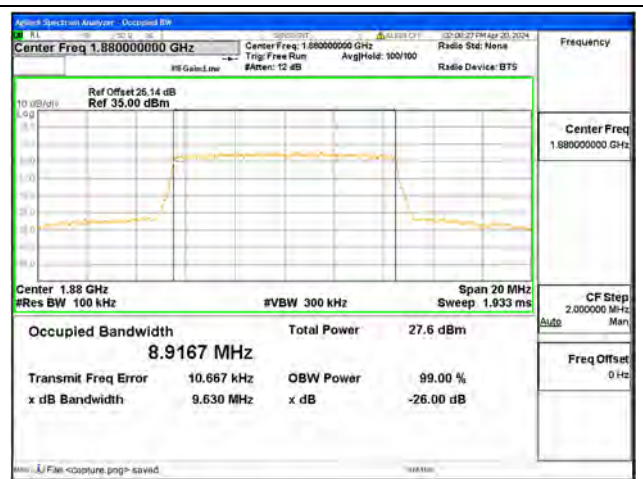
B2 / 10MHz / 16QAM/ Low CH



B2 / 10MHz / 64QAM/ Low CH



B2 / 10MHz / QPSK/ Mid CH



B2 / 10MHz / 16QAM/ Mid CH



B2 / 10MHz / 64QAM/ Mid CH



B2 / 10MHz / QPSK/ High CH



B2 / 10MHz / 16QAM/ High CH



B2 / 10MHz / 64QAM/ High CH



B2 / 15MHz / QPSK/ Low CH



B2 / 15MHz / 16QAM/ Low CH



B2 / 15MHz / 64QAM/ Low CH



B2 / 15MHz / QPSK/ Mid CH



B2 / 15MHz / 16QAM/ Mid CH



B2 / 15MHz / 64QAM/ Mid CH



B2 / 15MHz / QPSK/ High CH



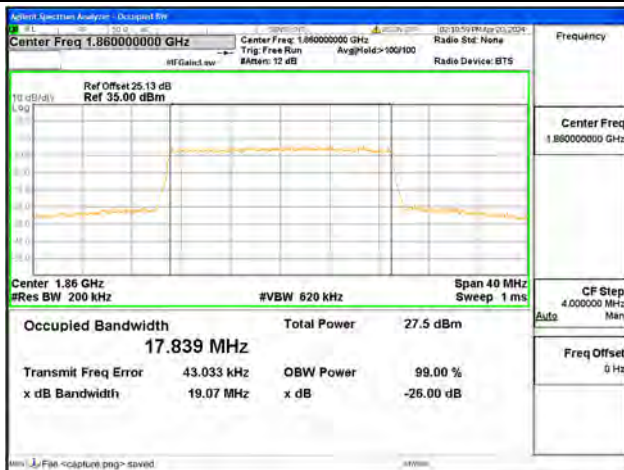
B2 / 15MHz / 16QAM/ High CH



B2 / 15MHz / 64QAM/ High CH



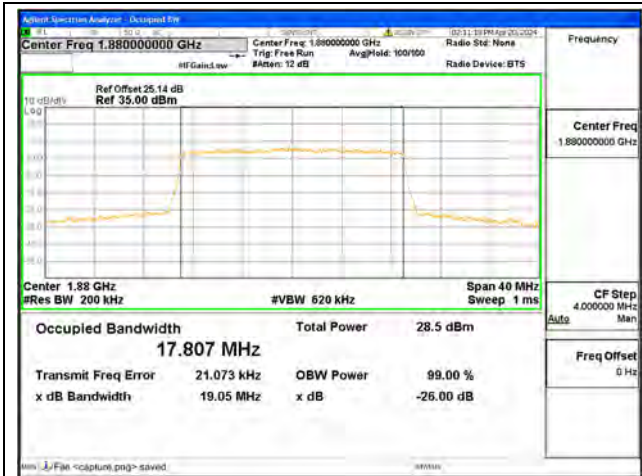
B2 / 20MHz / QPSK/ Low CH



B2 / 20MHz / 16QAM/ Low CH



B2 / 20MHz / 64QAM/ Low CH



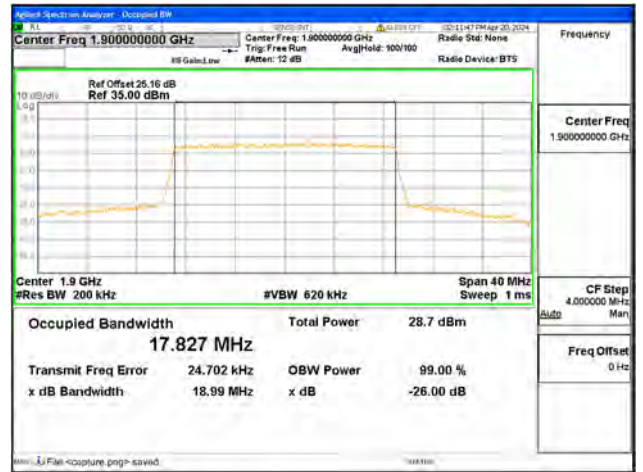
B2 / 20MHz / QPSK/ Mid CH



B2 / 20MHz / 16QAM/ Mid CH



B2 / 20MHz / 64QAM/ Mid CH



B2 / 20MHz / QPSK/ High CH



B2 / 20MHz / 16QAM/ High CH



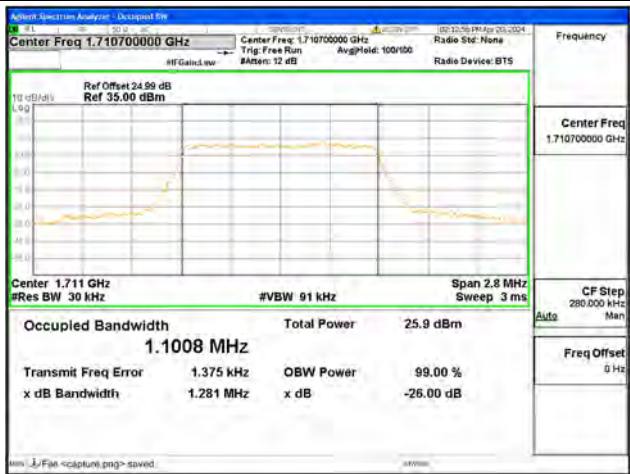
B2 / 20MHz / 64QAM/ High CH



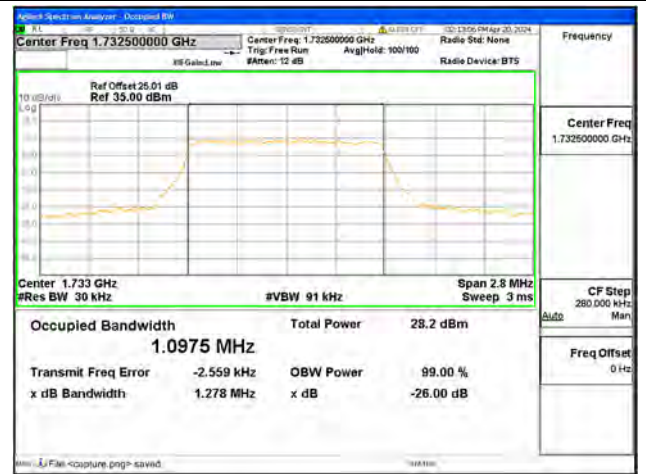
B4 / 1.4MHz / QPSK/ Low CH



B4 / 1.4MHz / 16QAM/ Low CH



B4 / 1.4MHz / 64QAM/ Low CH



B4 / 1.4MHz / QPSK/ Mid CH



B4 / 1.4MHz / 16QAM/ Mid CH



B4 / 1.4MHz / 64QAM/ Mid CH



B4 / 3MHz / QPSK/ Mid CH



B4 / 3MHz / 16QAM/ Mid CH



B4 / 3MHz / 64QAM/ Mid CH



B4 / 3MHz / QPSK/ High CH



B4 / 3MHz / 16QAM/ High CH



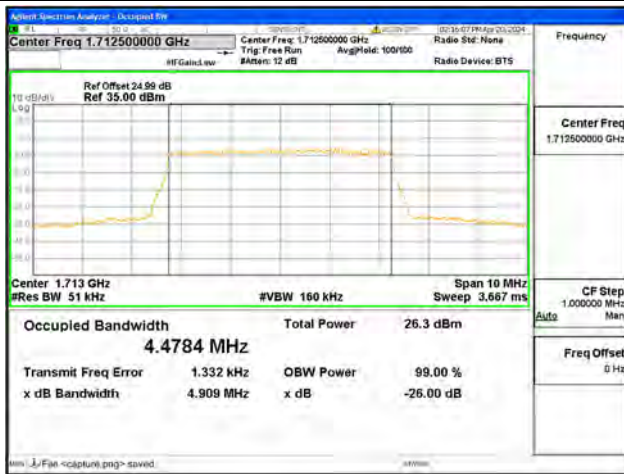
B4 / 3MHz / 64QAM/ High CH



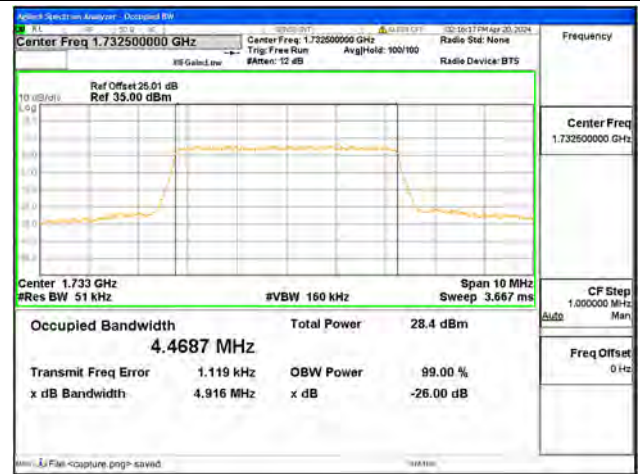
B4 / 5MHz / QPSK/ Low CH



B4 / 5MHz / 16QAM/ Low CH



B4 / 5MHz / 64QAM/ Low CH



B4 / 5MHz / QPSK/ Mid CH



B4 / 5MHz / 16QAM/ Mid CH



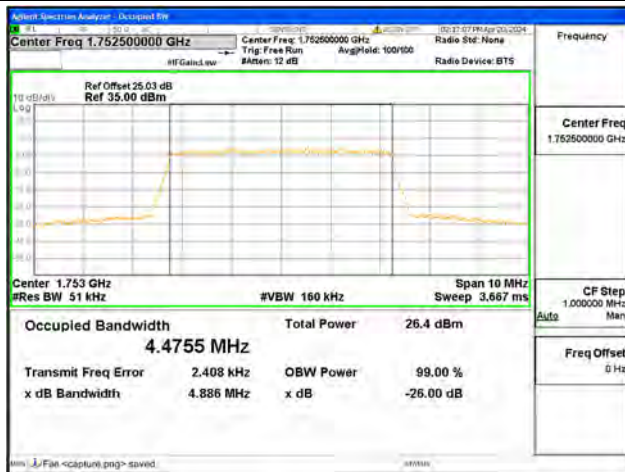
B4 / 5MHz / 64QAM/ Mid CH



B4 / 5MHz / QPSK/ High CH



B4 / 5MHz / 16QAM/ High CH



B4 / 5MHz / 64QAM/ High CH



B4 / 10MHz / QPSK/ Low CH



B4 / 10MHz / 16QAM/ Low CH



B4 / 10MHz / 64QAM/ Low CH



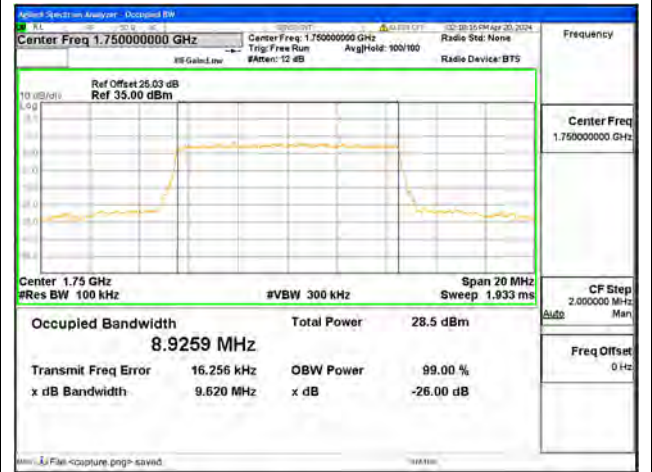
B4 / 10MHz / QPSK/ Mid CH



B4 / 10MHz / 16QAM/ Mid CH



B4 / 10MHz / 64QAM/ Mid CH



B4 / 10MHz / QPSK/ High CH



B4 / 10MHz / 16QAM/ High CH



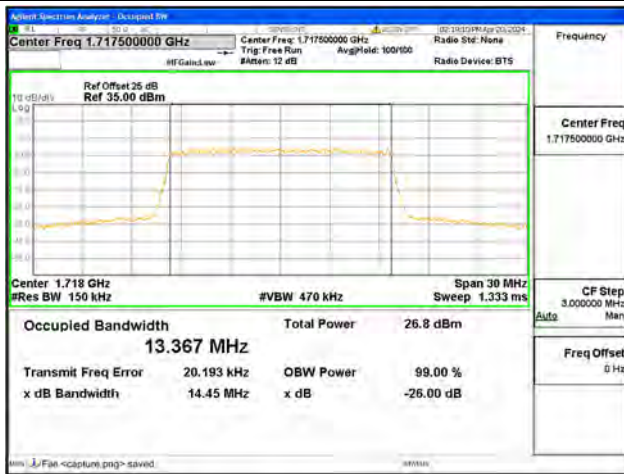
B4 / 10MHz / 64QAM/ High CH



B4 / 15MHz / QPSK/ Low CH



B4 / 15MHz / 16QAM/ Low CH



B4 / 15MHz / 64QAM/ Low CH



B4 / 15MHz / QPSK/ Mid CH



B4 / 15MHz / 16QAM/ Mid CH



B4 / 15MHz / 64QAM/ Mid CH



B4 / 15MHz / QPSK/ High CH



B4 / 15MHz / 16QAM/ High CH



B4 / 15MHz / 64QAM/ High CH



B4 / 20MHz / QPSK/ Low CH



B4 / 20MHz / 16QAM/ Low CH



B4 / 20MHz / 64QAM/ Low CH



B4 / 20MHz / QPSK/ Mid CH



B4 / 20MHz / 16QAM/ Mid CH



B4 / 20MHz / 64QAM/ Mid CH



B4 / 20MHz / QPSK/ High CH



B4 / 20MHz / 16QAM/ High CH



B4 / 20MHz / 64QAM/ High CH



B5 / 1.4MHz / QPSK/ Low CH



B5 / 1.4MHz / 16QAM/ Low CH



B5 / 1.4MHz / 64QAM/ Low CH



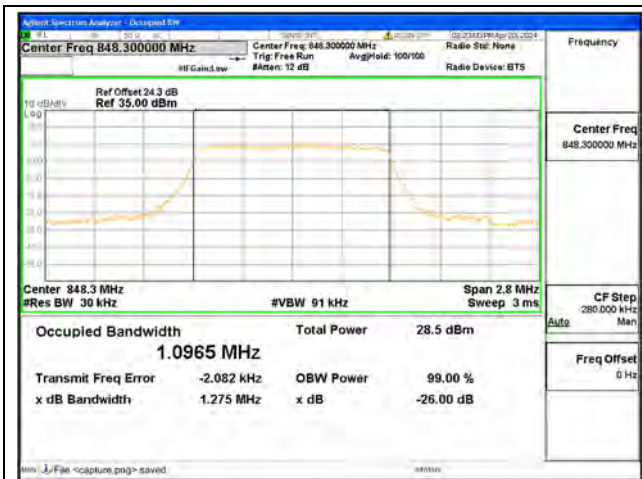
B5 / 1.4MHz / QPSK/ Mid CH



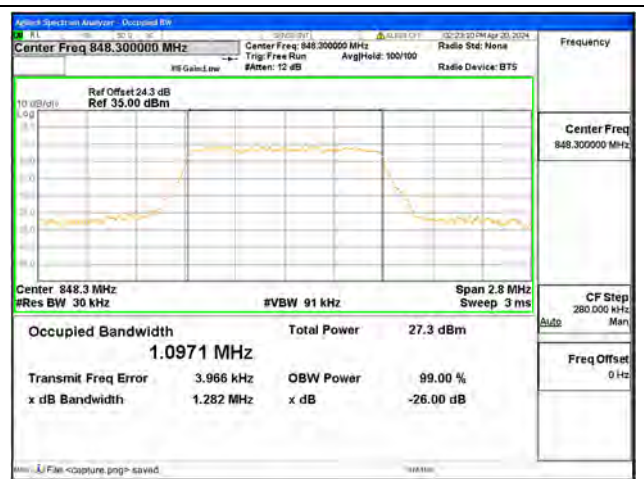
B5 / 1.4MHz / 16QAM/ Mid CH



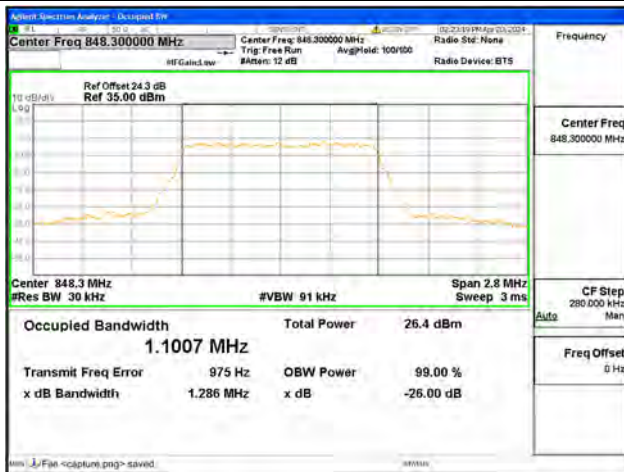
B5 / 1.4MHz / 64QAM/ Mid CH



B5 / 1.4MHz / QPSK/ High CH



B5 / 1.4MHz / 16QAM/ High CH



B5 / 1.4MHz / 64QAM/ High CH



B5 / 3MHz / QPSK/ Low CH



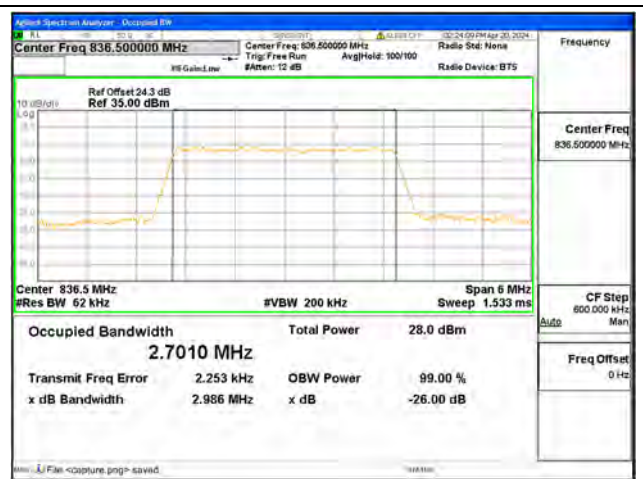
B5 / 3MHz / 16QAM/ Low CH



B5 / 3MHz / 64QAM/ Low CH



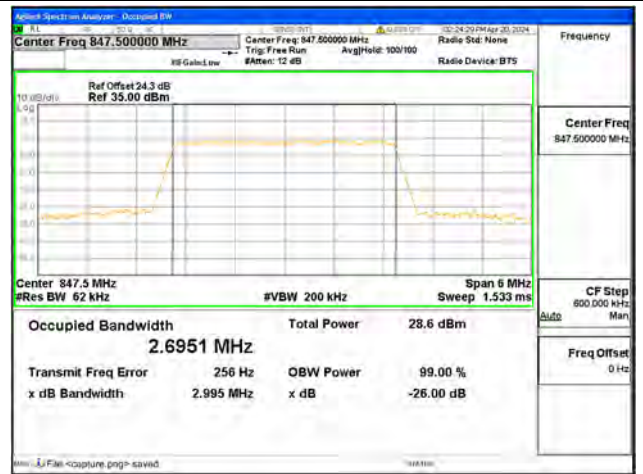
B5 / 3MHz / QPSK/ Mid CH



B5 / 3MHz / 16QAM/ Mid CH



B5 / 3MHz / 64QAM/ Mid CH



B5 / 3MHz / QPSK/ High CH



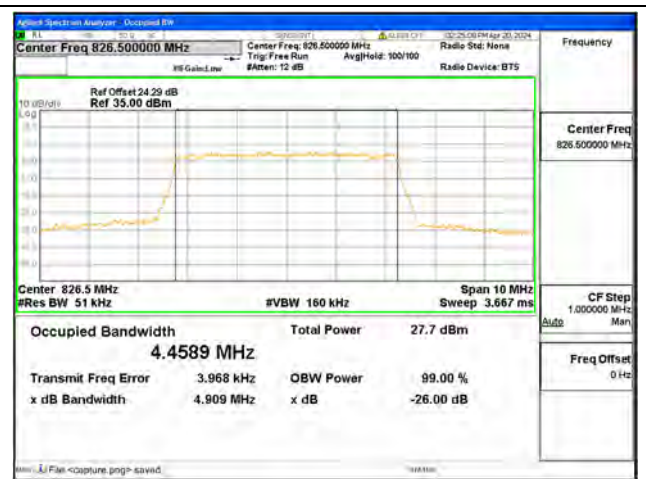
B5 / 3MHz / 16QAM/ High CH



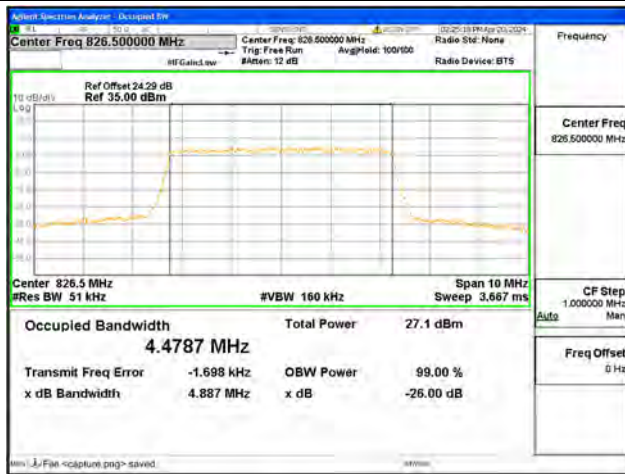
B5 / 3MHz / 64QAM/ High CH



B5 / 5MHz / QPSK/ Low CH



B5 / 5MHz / 16QAM/ Low CH



B5 / 5MHz / 64QAM/ Low CH



B5 / 5MHz / QPSK/ Mid CH



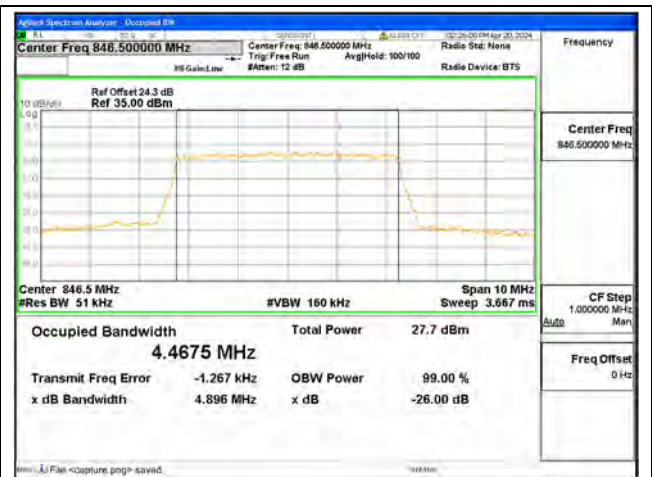
B5 / 5MHz / 16QAM/ Mid CH



B5 / 5MHz / 64QAM/ Mid CH



B5 / 5MHz / QPSK/ High CH



B5 / 5MHz / 16QAM/ High CH



B5 / 5MHz / 64QAM/ High CH



B5 / 10MHz / QPSK/ Low CH



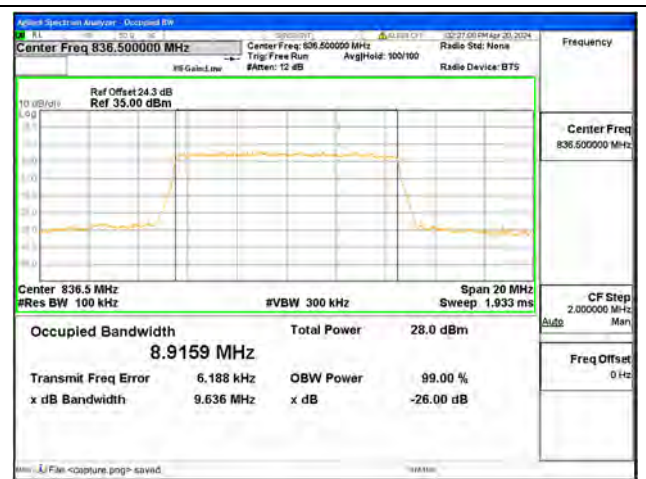
B5 / 10MHz / 16QAM/ Low CH



B5 / 10MHz / 64QAM/ Low CH



B5 / 10MHz / QPSK/ Mid CH



B5 / 10MHz / 16QAM/ Mid CH



B5 / 10MHz / 64QAM/ Mid CH



B5 / 10MHz / QPSK/ High CH



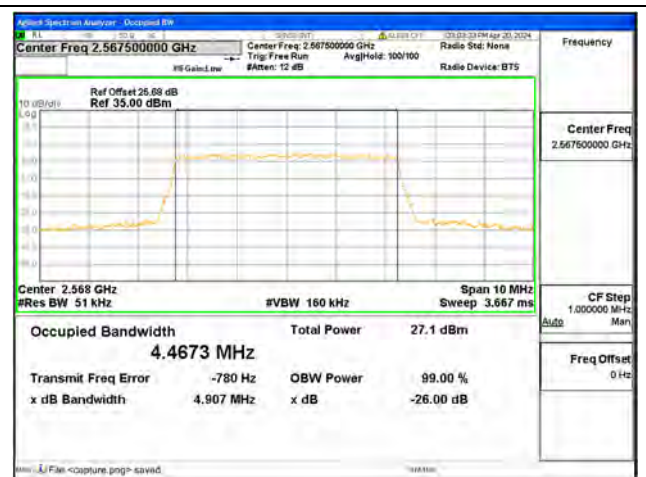
B5 / 10MHz / 16QAM/ High CH



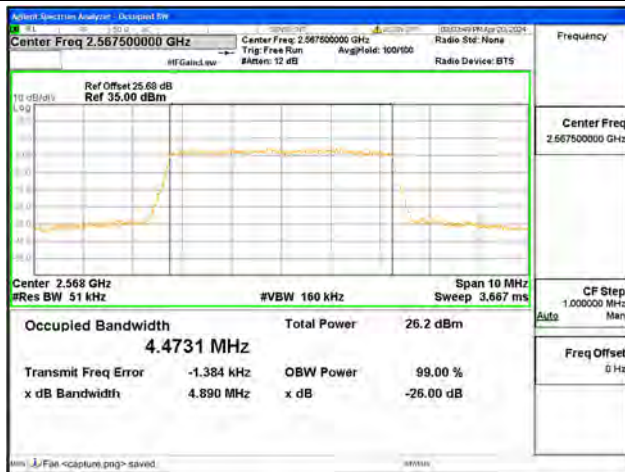
B5 / 10MHz / 64QAM/ High CH



B7 / 5MHz / QPSK/ High CH



B7 / 5MHz / 16QAM/ High CH



B7 / 5MHz / 64QAM/ High CH



B7 / 10MHz / QPSK/ Low CH



B7 / 10MHz / 16QAM/ Low CH



B7 / 10MHz / 64QAM/ Low CH



B7 / 10MHz / QPSK/ Mid CH



B7 / 10MHz / 16QAM/ Mid CH



B7 / 10MHz / 64QAM/ Mid CH



B7 / 10MHz / QPSK/ High CH



B7 / 10MHz / 16QAM/ High CH



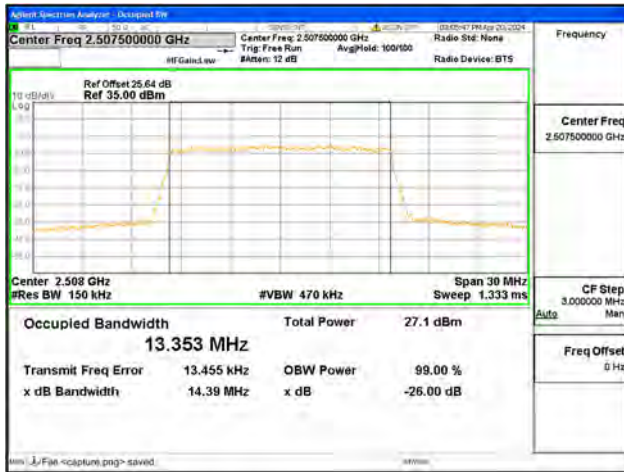
B7 / 10MHz / 64QAM/ High CH



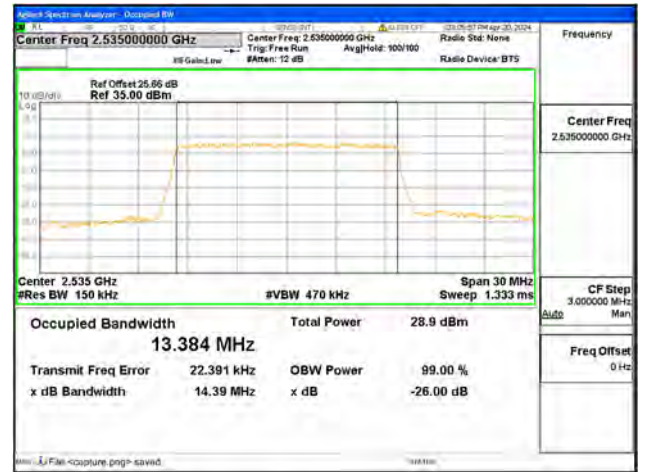
B7 / 15MHz / QPSK/ Low CH



B7 / 15MHz / 16QAM/ Low CH



B7 / 15MHz / 64QAM/ Low CH



B7 / 15MHz / QPSK/ Mid CH



B7 / 15MHz / 16QAM/ Mid CH



B7 / 15MHz / 64QAM/ Mid CH



B7 / 15MHz / QPSK/ High CH



B7 / 15MHz / 16QAM/ High CH



B7 / 15MHz / 64QAM/ High CH



B7 / 20MHz / QPSK/ Low CH



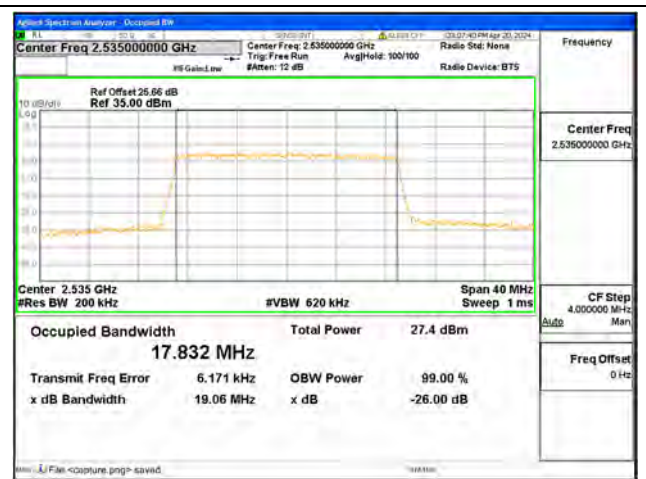
B7 / 20MHz / 16QAM/ Low CH



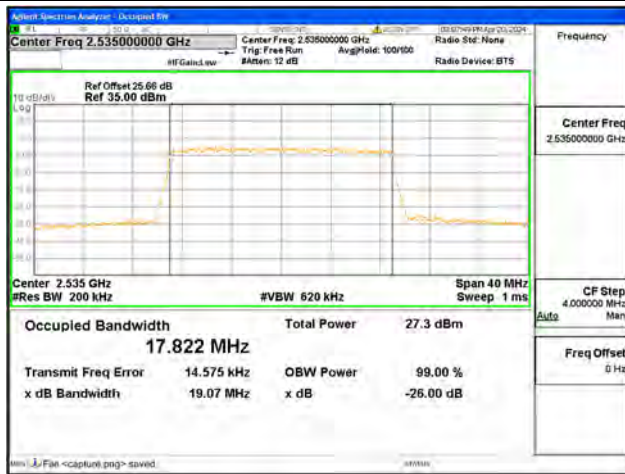
B7 / 20MHz / 64QAM/ Low CH



B7 / 20MHz / QPSK/ Mid CH



B7 / 20MHz / 16QAM/ Mid CH



B7 / 20MHz / 64QAM/ Mid CH



B7 / 20MHz / QPSK/ High CH



B7 / 20MHz / 16QAM/ High CH



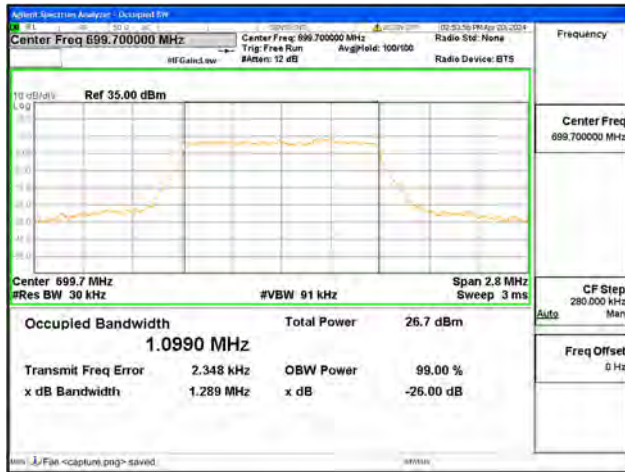
B7 / 20MHz / 64QAM/ High CH



B12 / 1.4MHz / QPSK/ Low CH



B12 / 1.4MHz / 16QAM/ Low CH



B12 / 1.4MHz / 64QAM/ Low CH



B12 / 1.4MHz / QPSK/ Mid CH



B12 / 1.4MHz / 16QAM/ Mid CH



B12 / 1.4MHz / 64QAM/ Mid CH



B12 / 1.4MHz / QPSK/ High CH



B12 / 1.4MHz / 16QAM/ High CH



B12 / 1.4MHz / 64QAM/ High CH



B12 / 3MHz / QPSK/ Low CH



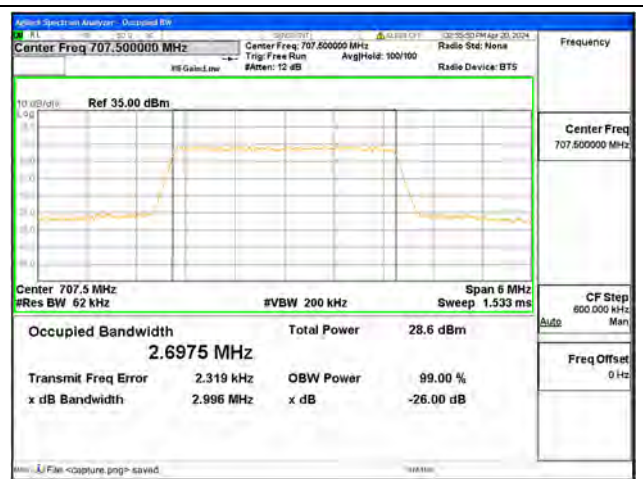
B12 / 3MHz / 16QAM/ Low CH



B12 / 3MHz / 64QAM/ Low CH



B12 / 3MHz / QPSK/ Mid CH



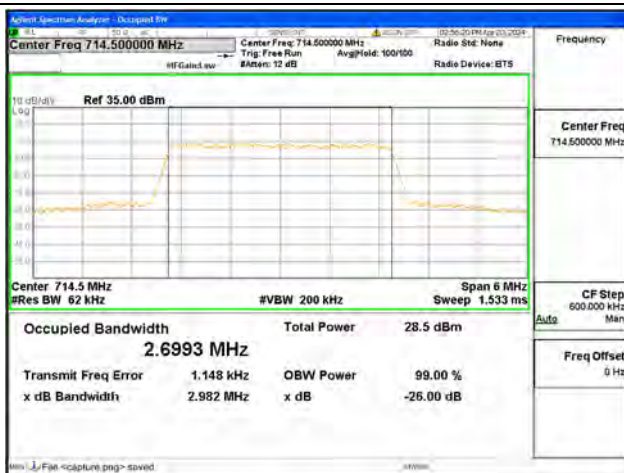
B12 / 3MHz / 16QAM/ Mid CH



B12 / 3MHz / 64QAM/ Mid CH



B12 / 3MHz / QPSK/ High CH



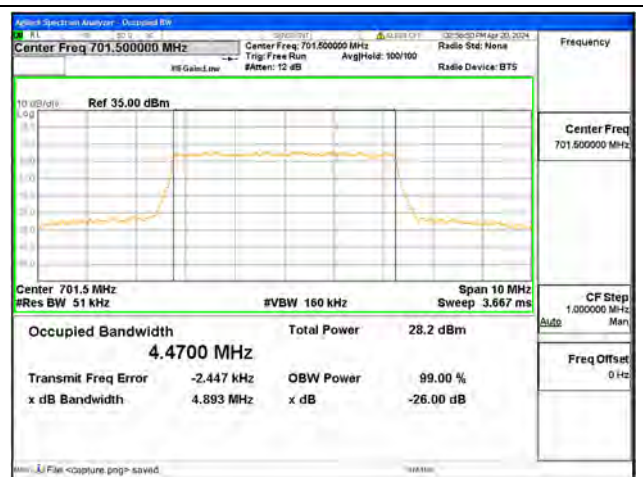
B12 / 3MHz / 16QAM/ High CH



B12 / 3MHz / 64QAM/ High CH



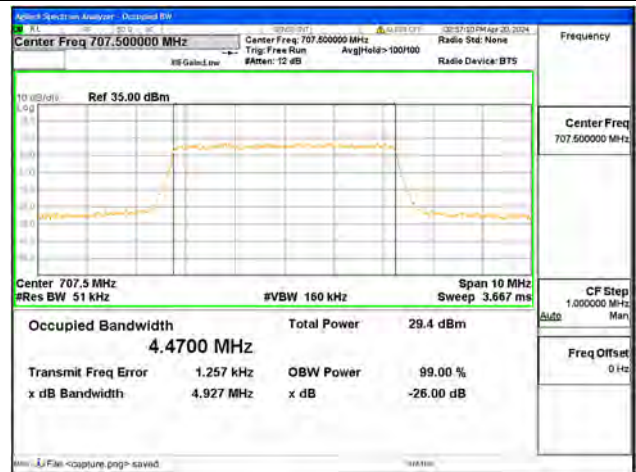
B12 / 5MHz / QPSK / Low CH



B12 / 5MHz / 16QAM / Low CH



B12 / 5MHz / 64QAM / Low CH



B12 / 5MHz / QPSK / Mid CH



B12 / 5MHz / 16QAM / Mid CH



B12 / 5MHz / 64QAM / Mid CH



B12 / 5MHz / QPSK/ High CH



B12 / 5MHz / 16QAM/ High CH



B12 / 5MHz / 64QAM/ High CH



B12 / 10MHz / QPSK/ Low CH



B12 / 10MHz / 16QAM/ Low CH



B12 / 10MHz / 64QAM/ Low CH



B12 / 10MHz / QPSK/ Mid CH



B12 / 10MHz / 16QAM/ Mid CH



B12 / 10MHz / 64QAM/ Mid CH



B12 / 10MHz / QPSK/ High CH



B12 / 10MHz / 16QAM/ High CH



B12 / 10MHz / 64QAM/ High CH



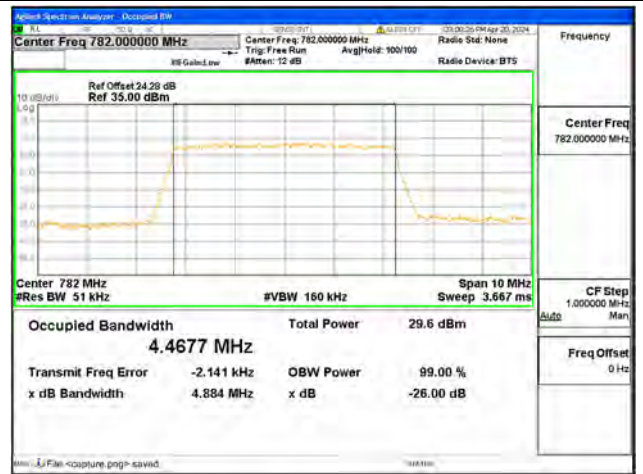
B13 / 5MHz / QPSK / Low CH



B13 / 5MHz / 16QAM / Low CH



B13 / 5MHz / 64QAM / Low CH



B13 / 5MHz / QPSK / Mid CH



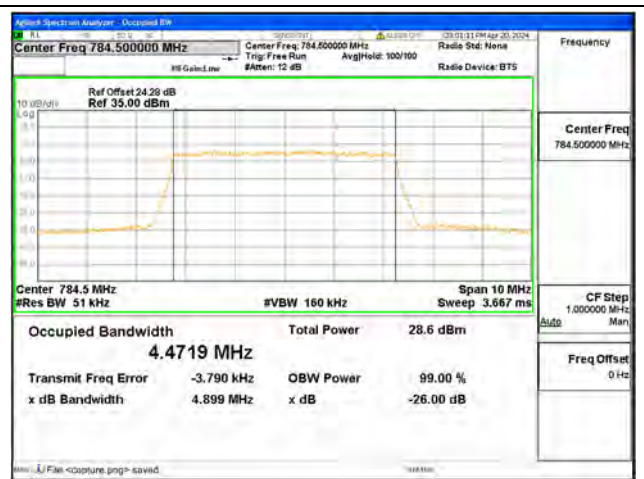
B13 / 5MHz / 16QAM / Mid CH



B13 / 5MHz / 64QAM / Mid CH



B13 / 5MHz / QPSK/ High CH



B13 / 5MHz / 16QAM/ High CH



B13 / 5MHz / 64QAM/ High CH



B13 / 10MHz / QPSK/ Mid CH



B13 / 10MHz / 16QAM/ Mid CH



B13 / 10MHz / 64QAM/ Mid CH



B17 / 5MHz / QPSK/ Low CH



B17 / 5MHz / 16QAM/ Low CH



B17 / 5MHz / 64QAM/ Low CH



B17 / 5MHz / QPSK/ Mid CH



B17 / 5MHz / 16QAM/ Mid CH



B17 / 5MHz / 64QAM/ Mid CH



B17 / 5MHz / QPSK/ High CH



B17 / 5MHz / 16QAM/ High CH



B17 / 5MHz / 64QAM/ High CH



B17 / 10MHz / QPSK/ Low CH



B17 / 10MHz / 16QAM/ Low CH



B17 / 10MHz / 64QAM/ Low CH



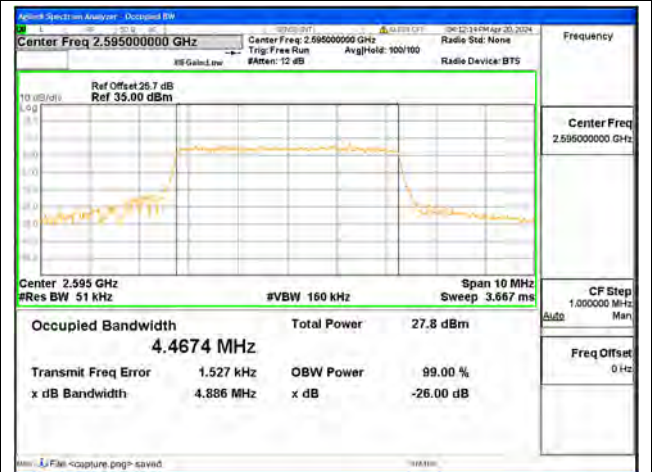
B38 / 5MHz / QPSK/ Low CH



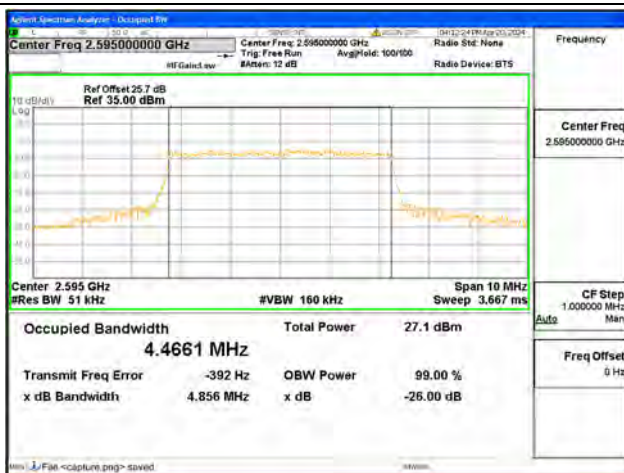
B38 / 5MHz / 16QAM/ Low CH



B38 / 5MHz / 64QAM/ Low CH



B38 / 5MHz / QPSK/ Mid CH



B38 / 5MHz / 16QAM/ Mid CH



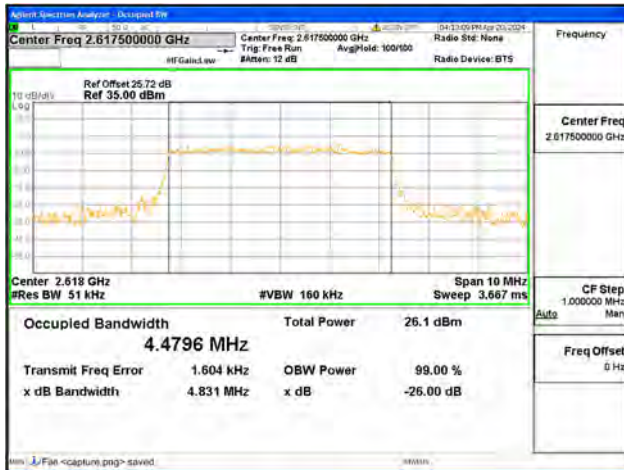
B38 / 5MHz / 64QAM/ Mid CH



B38 / 5MHz / QPSK/ High CH



B38 / 5MHz / 16QAM/ High CH



B38 / 5MHz / 64QAM/ High CH



B38 / 10MHz / QPSK/ Low CH



B38 / 10MHz / 16QAM/ Low CH



B38 / 10MHz / 64QAM/ Low CH



B38 / 10MHz / QPSK/ Mid CH



B38 / 10MHz / 16QAM/ Mid CH



B38 / 10MHz / 64QAM/ Mid CH



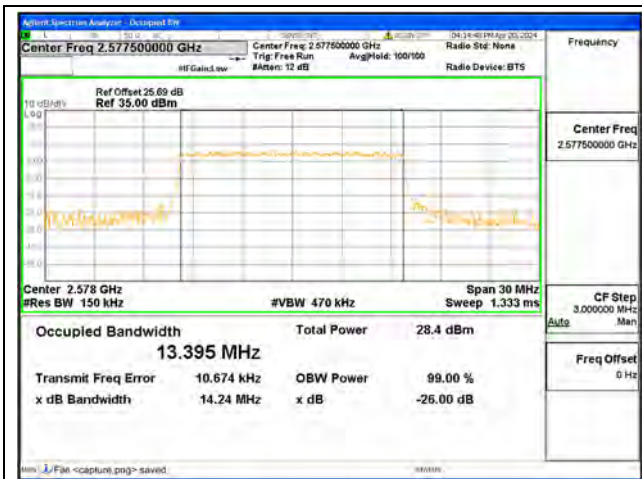
B38 / 10MHz / QPSK/ High CH



B38 / 10MHz / 16QAM/ High CH



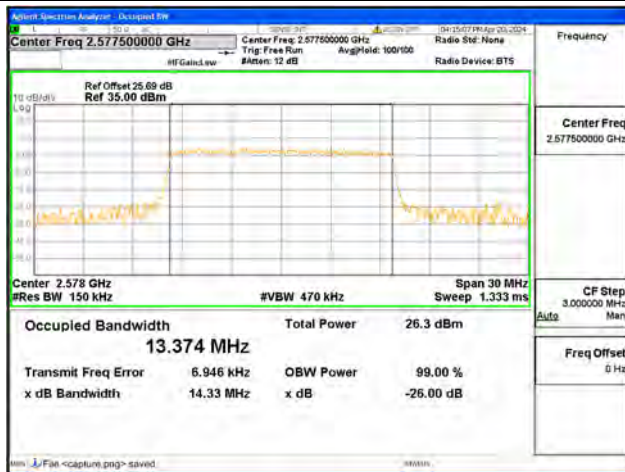
B38 / 10MHz / 64QAM/ High CH



B38 / 15MHz / QPSK/ Low CH



B38 / 15MHz / 16QAM/ Low CH



B38 / 15MHz / 64QAM/ Low CH



B38 / 15MHz / QPSK/ Mid CH



B38 / 15MHz / 16QAM/ Mid CH



B38 / 15MHz / 64QAM/ Mid CH



B38 / 15MHz / QPSK/ High CH



B38 / 15MHz / 16QAM/ High CH



B38 / 15MHz / 64QAM/ High CH



B38 / 20MHz / QPSK/ Low CH



B38 / 20MHz / 16QAM/ Low CH



B38 / 20MHz / 64QAM/ Low CH



B38 / 20MHz / QPSK/ Mid CH



B38 / 20MHz / 16QAM/ Mid CH



B38 / 20MHz / 64QAM/ Mid CH



B38 / 20MHz / QPSK/ High CH



B38 / 20MHz / 16QAM/ High CH



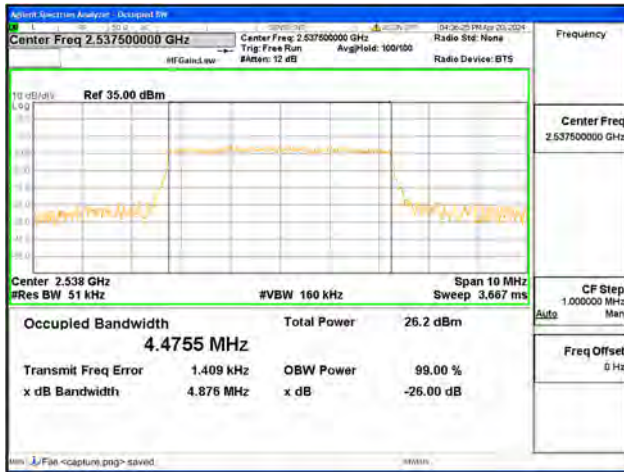
B38 / 20MHz / 64QAM/ High CH



B41 / 5MHz / QPSK/ Low CH



B41 / 5MHz / 16QAM/ Low CH



B41 / 5MHz / 64QAM/ Low CH



B41 / 5MHz / QPSK/ Mid CH



B41 / 5MHz / 16QAM/ Mid CH



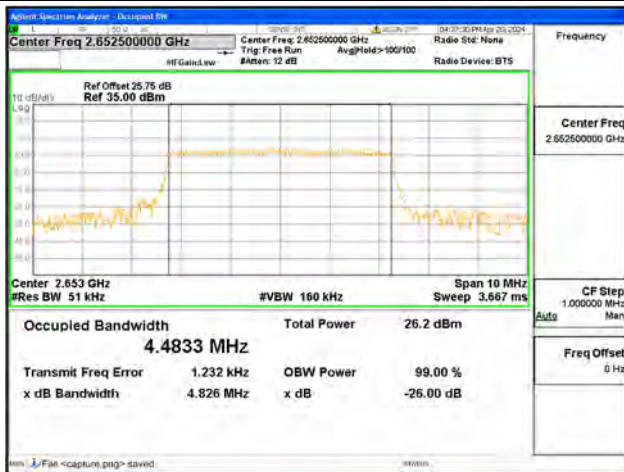
B41 / 5MHz / 64QAM/ Mid CH



B41 / 5MHz / QPSK/ High CH



B41 / 5MHz / 16QAM/ High CH



B41 / 5MHz / 64QAM/ High CH



B41 / 10MHz / QPSK/ Low CH



B41 / 10MHz / 16QAM/ Low CH



B41 / 10MHz / 64QAM/ Low CH



B41 / 10MHz / QPSK/ Mid CH



B41 / 10MHz / 16QAM/ Mid CH



B41 / 10MHz / 64QAM/ Mid CH



B41 / 10MHz / QPSK/ High CH



B41 / 10MHz / 16QAM/ High CH



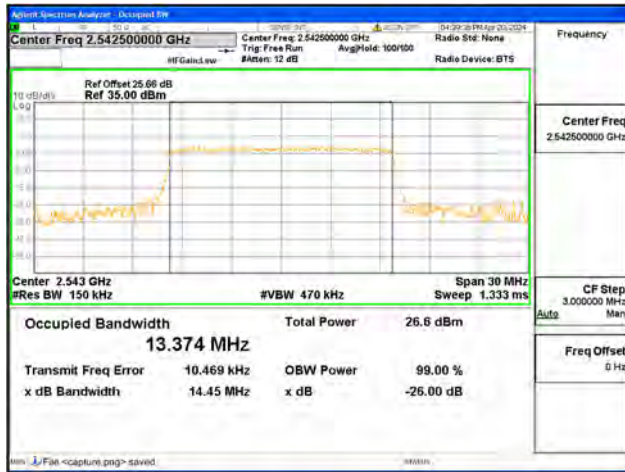
B41 / 10MHz / 64QAM/ High CH



B41 / 15MHz / QPSK/ Low CH



B41 / 15MHz / 16QAM/ Low CH



B41 / 15MHz / 64QAM/ Low CH



B41 / 15MHz / QPSK/ Mid CH



B41 / 15MHz / 16QAM/ Mid CH



B41 / 15MHz / 64QAM/ Mid CH



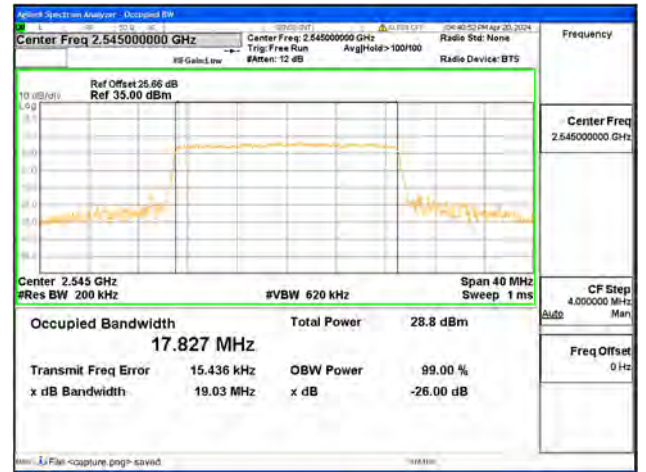
B41 / 15MHz / QPSK/ High CH



B41 / 15MHz / 16QAM/ High CH



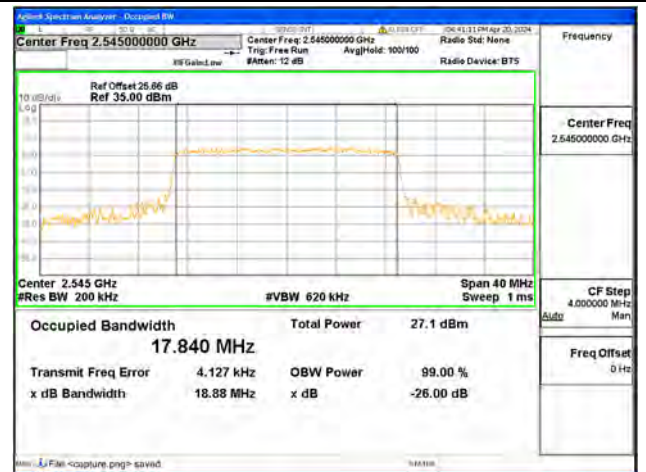
B41 / 15MHz / 64QAM/ High CH



B41 / 20MHz / QPSK/ Low CH



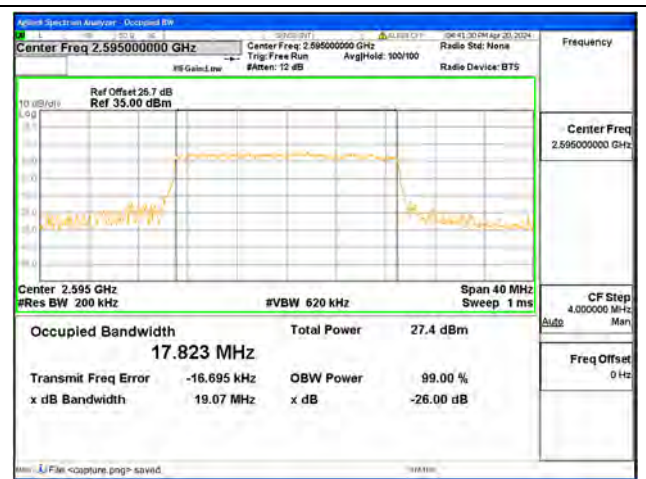
B41 / 20MHz / 16QAM/ Low CH



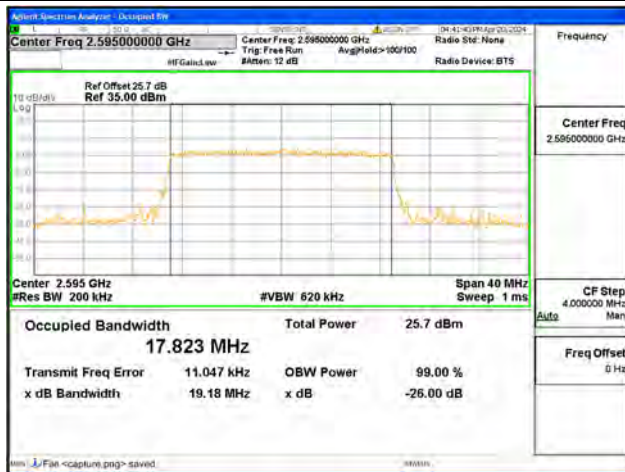
B41 / 20MHz / 64QAM/ Low CH



B41 / 20MHz / QPSK/ Mid CH



B41 / 20MHz / 16QAM/ Mid CH



B41 / 20MHz / 64QAM/ Mid CH



B41 / 20MHz / QPSK/ High CH



B41 / 20MHz / 16QAM/ High CH



B41 / 20MHz / 64QAM/ High CH

