



REPORT No.: SZ25050150W06

TEST REPORT

APPLICANT : Realme Chongqing Mobile
Telecommunications Corp., Ltd.

PRODUCT NAME : Mobile Phone

MODEL NAME : RMX5313

BRAND NAME : realme

FCC ID : 2AUYFRMX5313

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

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Change History		
Version	Date	Reason for change
1.0	2025-07-04	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.:	4#, 11#	
Hardware Version:	11	
Software Version:	realme UI Android 15	
Modulation Type:	QPSK, 16QAM, 64QAM	
Carrier Aggregation:	Not Support	
Operation Band:	Band 2 / 4 / 5 / 7 / 13 / 26 / 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 13	Tx: 777MHz–787MHz
		Rx: 746MHz–756MHz
	LTE Band 26	Tx: 824MHz–849MHz
		Rx: 869MHz–894MHz
	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 13	5 MHz, 10MHz
	LTE Band 26	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz
	LTE Band 38	5 MHz, 10MHz, 15MHz, 20MHz
	LTE Band 41	5 MHz, 10MHz, 15MHz, 20MHz
	LTE Band 66	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
Antenna Type:	Inverted F Antenna	
Antenna Gain:	LTE Band 2	ANT0: -2.1dBi; ANT1: -2.1dBi
	LTE Band 4	ANT0: -2.2dBi; ANT1: -1.7dBi
	LTE Band 5	ANT0: -3.8dBi; ANT1: -3.6dBi
	LTE Band 7	ANT0: -0.7dBi; ANT1: 0.9dBi
	LTE Band 13	ANT0: -11.5dBi; ANT1: -4.0dBi
	LTE Band 26	ANT0: -3.8dBi; ANT1: -3.6dBi
	LTE Band 38	ANT0: -0.7dBi; ANT1: -0.3dBi
	LTE Band 41	ANT0: -0.7dBi; ANT1: 0.9dBi
	LTE Band 66	ANT0: -2.2dBi; ANT1: -1.7dBi
Accessory Information:	Battery	
	Brand Name:	SUPERVOOC
	Model No.:	BLPC71
	Serial No.:	N/A
	Capacity:	Typical: 6000mAh, Rated: 5830mAh
	Rated Voltage:	3.88V
	Charge Limit:	4.48V
	Manufacturer:	Sunwoda Electronic Co., Ltd.
	AC Adapter 1	
	Brand Name:	SUPERVOOC
	Model No.:	OP53JAUH
	Serial No.:	N/A
	Rated Output:	5V=3A
	Rated Input:	100-240V~50/60Hz, 0.5A

	Manufacturer:	Huizhou Golden Lake Industrial Co., Ltd.
	AC Adapter 2	
	Brand Name:	SUPERVOOC
	Model No.:	OP53JAUH
	Serial No.:	N/A
	Rated Output:	5V=3A
	Rated Input:	100-240V~50/60Hz, 0.5A
	Manufacturer:	Jiangsu Chenyang Electron Co.,Ltd.
	AC Adapter 3	
	Brand Name:	realme
	Model No.:	OP53CBUH
	Serial No.:	N/A
	Rated Output:	5V=2A, 5V=3A
	Rated Input:	100-130V~50/60Hz, 0.35A 200-240V~50/60Hz, 0.5A
	Manufacturer:	Dongguan YOHOO Electronic Technology Co Ltd
	AC Adapter 4	
	Brand Name:	realme
	Model No.:	OP53CBUH
	Serial No.:	N/A
	Rated Output:	5V=2A, 5V=3A
	Rated Input:	100-130V~50/60Hz, 0.35A 200-240V~50/60Hz, 0.5A
	Manufacturer:	Jiangsu Chenyang Electron Co.,Ltd.
	USB Cable 1	
	Model No.:	DL129
	USB Cable 2	
	Model No.:	DL154

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: The EUT description presented in the report are provided by applicant and/or manufacturer, and the test laboratory is not responsible for the accuracy of the information. 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	0.126	0.098	0.078	17M9G7D	18M0W7D	18M0W7D
15	0.125	0.097	0.076	13M4G7D	13M5W7D	13M5W7D
10	0.122	0.095	0.075	8M99G7D	8M96W7D	9M00W7D
5	0.123	0.096	0.076	4M49G7D	4M49W7D	4M49W7D
3	0.124	0.097	0.076	2M72G7D	2M71W7D	2M72W7D
1.4	0.122	0.095	0.076	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	0.113	0.087	0.068	18M0G7D	17M9W7D	18M0W7D
15	0.112	0.086	0.067	13M5G7D	13M5W7D	13M5W7D
10	0.109	0.085	0.067	8M99G7D	8M97W7D	9M00W7D
5	0.110	0.085	0.067	4M49G7D	4M49W7D	4M50W7D
3	0.109	0.085	0.066	2M72G7D	2M73W7D	2M72W7D
1.4	0.110	0.086	0.067	1M10G7D	1M10W7D	1M11W7D
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	0.062	0.048	0.031	8M99G7D	8M95W7D	8M98W7D
5	0.061	0.048	0.030	4M49G7D	4M49W7D	4M49W7D
3	0.061	0.047	0.030	2M74G7D	2M72W7D	2M71W7D
1.4	0.061	0.047	0.029	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	0.174	0.136	0.107	17M9G7D	18M0W7D	18M0W7D
15	0.172	0.135	0.106	13M5G7D	13M5W7D	13M4W7D
10	0.172	0.134	0.106	8M98G7D	8M96W7D	8M99W7D
5	0.167	0.134	0.104	4M48G7D	4M49W7D	4M49W7D
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	0.010	0.008	0.006	8M97G7D	8M96W7D	9M00W7D
5	0.010	0.008	0.006	4M49G7D	4M49W7D	4M50W7D



LTE Band 26	Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
15	0.053	0.043	0.027	13M5G7D	13M5W7D	13M5W7D
10	0.056	0.044	0.026	8M99G7D	8M95W7D	9M01W7D
5	0.055	0.045	0.027	4M49G7D	4M49W7D	4M50W7D
3	0.054	0.042	0.025	2M72G7D	2M72W7D	2M72W7D
1.4	0.054	0.048	0.027	1M10G7D	1M10W7D	1M11W7D
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	0.205	0.159	0.100	17M9G7D	17M9W7D	18M0W7D
15	0.202	0.157	0.099	13M5G7D	13M5W7D	13M5W7D
10	0.199	0.155	0.097	8M99G7D	8M96W7D	8M99W7D
5	0.200	0.155	0.097	4M48G7D	4M49W7D	4M50W7D
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	0.210	0.167	0.094	17M9G7D	17M9W7D	17M9W7D
15	0.208	0.164	0.094	13M5G7D	13M5W7D	13M5W7D
10	0.205	0.161	0.092	8M99G7D	8M97W7D	8M98W7D
5	0.206	0.162	0.092	4M49G7D	4M49W7D	4M50W7D
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	0.125	0.097	0.060	17M9G7D	18M0W7D	18M0W7D
15	0.124	0.096	0.060	13M5G7D	13M5W7D	13M4W7D
10	0.123	0.095	0.059	9M01G7D	8M96W7D	8M99W7D
5	0.123	0.094	0.059	4M49G7D	4M49W7D	4M50W7D
3	0.123	0.094	0.059	2M72G7D	2M72W7D	2M71W7D
1.4	0.123	0.094	0.059	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	Remark
2.1046 22.913(a)(2) 24.232(c) 27.50(b)(10) 27.50(d)(4) 27.50(h)(2)	Transmitter Conducted Output Power and E.R.P./E.I.R.P.	Jun. 26&30, 2025	Liu Huiyan Shen Biaohong	PASS	/
2.1049	Occupied Bandwidth	Jun. 12&13, 2025	Liu Huiyan	PASS	/
2.1055 22.355 24.235 27.54	Frequency Stability	Jun. 24, 2025	Liu Huiyan	PASS	/
24.232(d), 27.50(d)(5)	Peak to Average Radio	Jun. 13&14, 2025	Liu Huiyan	PASS	/
2.1051 22.917(a) 24.238(a) 27.53(c)(2) 27.53(h) 27.53(m)(4)	Conducted Spurious Emissions	Jun. 11&12, 2025	Liu Huiyan	PASS	/
2.1051 22.917(a) 24.238(a) 27.53(c)(2)	Band Edge	Jun. 11, 2025	Liu Huiyan	PASS	/



27.53(h) 27.53(m)(4)					
2.1053 22.917(a) 24.238(a) 27.53(c)(2) 27.53(h) 27.53(m)(4)	Radiated Spurious Emissions	Jun. 10&11, 2025	Gao Jianrou	PASS	/

Note 1: The tests were performed according to the method of measurements prescribed in KDB 971168 D01 v03 and ANSI/TIA-603-E-2016.

Note 2: Any additions, deviation, or exclusions from the method shall be noted in the "Remark".

Note 3: The antenna gain presented in the report are provided by applicant and/or manufacturer, and the test laboratory is not responsible for the accuracy of the information.

1.5. Environmental Conditions

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

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



2.47 CFR Part 2, Part 22H, Part 24E, Part 27 F&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.

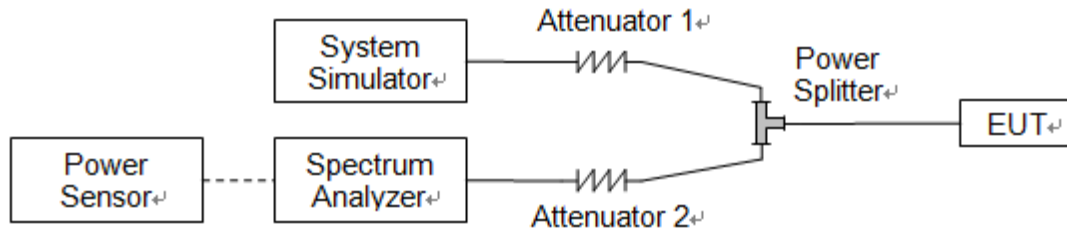
According to FCC section 27.50 (d)(4) for LTE Band 4/66, Fixed, mobile and portable (hand-held) stations in the 1710-1755MHz band are limited to 1wat E.I.R.P.

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

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

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

2.1.2. Test Description



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

2.1.3. Test Procedure

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

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

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

**2.1.4. Result****Conducted Output Power:**

LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18700	18900	19100
Frequency (MHz)				1860	1880	1900
20	QPSK	1	0	23.05	23.10	23.03
20	QPSK	1	49	22.86	22.95	22.84
20	QPSK	1	99	22.68	22.73	22.70
20	QPSK	50	0	21.92	21.97	21.91
20	QPSK	50	24	21.74	21.82	21.81
20	QPSK	50	50	21.62	21.64	21.66
20	QPSK	100	0	21.48	21.53	21.47
20	16QAM	1	0	21.94	22.02	21.86
20	16QAM	1	49	21.81	21.90	21.64
20	16QAM	1	99	21.59	21.72	21.53
20	16QAM	50	0	20.76	20.93	20.71
20	16QAM	50	24	20.60	20.82	20.58
20	16QAM	50	50	20.45	20.68	20.38
20	16QAM	100	0	20.25	20.57	20.18
20	64QAM	1	0	20.70	21.00	20.72
20	64QAM	1	49	20.53	20.97	20.71
20	64QAM	1	99	20.49	20.96	20.69
20	64QAM	50	0	19.79	20.30	19.99
20	64QAM	50	24	19.75	20.29	19.91
20	64QAM	50	50	19.69	20.26	19.85
20	64QAM	100	0	19.67	20.23	19.84



LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18675	18900	19125
Frequency (MHz)				1857.5	1880	1902.5
15	QPSK	1	0	22.98	23.06	22.98
15	QPSK	1	37	22.79	22.86	22.81
15	QPSK	1	74	22.61	22.68	22.64
15	QPSK	36	0	21.83	21.90	21.87
15	QPSK	36	20	21.70	21.77	21.73
15	QPSK	36	39	21.54	21.57	21.59
15	QPSK	75	0	21.44	21.44	21.39
15	16QAM	1	0	21.86	21.95	21.81
15	16QAM	1	37	21.78	21.83	21.59
15	16QAM	1	74	21.55	21.67	21.49
15	16QAM	36	0	20.71	20.88	20.65
15	16QAM	36	20	20.54	20.78	20.54
15	16QAM	36	39	20.40	20.60	20.34
15	16QAM	75	0	20.21	20.51	20.13
15	64QAM	1	0	20.62	20.92	20.68
15	64QAM	1	37	20.45	20.90	20.62
15	64QAM	1	74	20.43	20.93	20.66
15	64QAM	36	0	19.72	20.25	19.95
15	64QAM	36	20	19.68	20.25	19.88
15	64QAM	36	39	19.61	20.20	19.80
15	64QAM	75	0	19.59	20.15	19.80



LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18650	18900	19150
Frequency (MHz)				1855	1880	1905
10	QPSK	1	0	22.95	22.98	22.91
10	QPSK	1	25	22.75	22.84	22.71
10	QPSK	1	49	22.58	22.61	22.60
10	QPSK	25	0	21.79	21.83	21.77
10	QPSK	25	12	21.62	21.72	21.67
10	QPSK	25	25	21.51	21.52	21.58
10	QPSK	50	0	21.36	21.41	21.35
10	16QAM	1	0	21.83	21.88	21.72
10	16QAM	1	25	21.70	21.75	21.53
10	16QAM	1	49	21.50	21.60	21.43
10	16QAM	25	0	20.66	20.81	20.61
10	16QAM	25	12	20.49	20.66	20.44
10	16QAM	25	25	20.35	20.52	20.24
10	16QAM	50	0	20.14	20.44	20.08
10	64QAM	1	0	20.56	20.87	20.59
10	64QAM	1	25	20.46	20.83	20.63
10	64QAM	1	49	20.40	20.82	20.60
10	64QAM	25	0	19.64	20.18	19.84
10	64QAM	25	12	19.61	20.15	19.78
10	64QAM	25	25	19.59	20.13	19.72
10	64QAM	50	0	19.57	20.12	19.68



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				18625	18900	19175
Frequency (MHz)				1852.5	1880	1907.5
5	QPSK	1	0	22.96	22.99	22.89
5	QPSK	1	12	22.73	22.85	22.71
5	QPSK	1	24	22.53	22.63	22.59
5	QPSK	12	0	21.80	21.86	21.76
5	QPSK	12	7	21.58	21.71	21.71
5	QPSK	12	13	21.49	21.52	21.53
5	QPSK	25	0	21.39	21.39	21.34
5	16QAM	1	0	21.81	21.91	21.72
5	16QAM	1	12	21.69	21.76	21.50
5	16QAM	1	24	21.46	21.61	21.42
5	16QAM	12	0	20.64	20.81	20.60
5	16QAM	12	7	20.47	20.69	20.44
5	16QAM	12	13	20.35	20.52	20.24
5	16QAM	25	0	20.10	20.42	20.07
5	64QAM	1	0	20.58	20.88	20.59
5	64QAM	1	12	20.41	20.86	20.64
5	64QAM	1	24	20.41	20.80	20.62
5	64QAM	12	0	19.66	20.16	19.86
5	64QAM	12	7	19.60	20.17	19.78
5	64QAM	12	13	19.55	20.13	19.76
5	64QAM	25	0	19.55	20.12	19.69



LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18615	18900	19185
Frequency (MHz)				1851.5	1880	1908.5
3	QPSK	1	0	22.99	23.02	22.96
3	QPSK	1	8	22.81	22.87	22.76
3	QPSK	1	14	22.61	22.66	22.61
3	QPSK	8	0	21.85	21.88	21.84
3	QPSK	8	4	21.68	21.79	21.74
3	QPSK	8	7	21.55	21.56	21.63
3	QPSK	15	0	21.42	21.47	21.43
3	16QAM	1	0	21.90	21.99	21.80
3	16QAM	1	8	21.73	21.83	21.58
3	16QAM	1	14	21.50	21.64	21.49
3	16QAM	8	0	20.68	20.86	20.65
3	16QAM	8	4	20.52	20.74	20.52
3	16QAM	8	7	20.40	20.61	20.32
3	16QAM	15	0	20.21	20.51	20.11
3	64QAM	1	0	20.61	20.92	20.65
3	64QAM	1	8	20.50	20.91	20.63
3	64QAM	1	14	20.42	20.91	20.61
3	64QAM	8	0	19.71	20.23	19.95
3	64QAM	8	4	19.68	20.23	19.85
3	64QAM	8	7	19.60	20.19	19.79
3	64QAM	15	0	19.63	20.18	19.80



LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18607	18900	19193
Frequency (MHz)				1850.7	1880	1909.3
1.4	QPSK	1	0	22.93	22.97	22.91
1.4	QPSK	1	3	22.75	22.82	22.75
1.4	QPSK	1	5	22.58	22.61	22.59
1.4	QPSK	3	0	21.80	21.80	21.77
1.4	QPSK	3	1	21.58	21.73	21.71
1.4	QPSK	3	3	21.50	21.56	21.55
1.4	QPSK	6	0	21.37	21.39	21.36
1.4	16QAM	1	0	21.80	21.89	21.77
1.4	16QAM	1	3	21.68	21.79	21.53
1.4	16QAM	1	5	21.50	21.61	21.44
1.4	16QAM	3	0	20.67	20.79	20.60
1.4	16QAM	3	1	20.47	20.69	20.43
1.4	16QAM	3	3	20.37	20.53	20.22
1.4	16QAM	6	0	20.15	20.44	20.11
1.4	64QAM	1	0	20.59	20.86	20.63
1.4	64QAM	1	3	20.42	20.88	20.62
1.4	64QAM	1	5	20.37	20.81	20.58
1.4	64QAM	3	0	19.68	20.17	19.87
1.4	64QAM	3	1	19.59	20.13	19.76
1.4	64QAM	3	3	19.55	20.12	19.75
1.4	64QAM	6	0	19.57	20.12	19.68



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20050	20175	20300
Frequency (MHz)				1720	1732.5	1745
20	QPSK	1	0	22.68	22.73	22.67
20	QPSK	1	49	22.55	22.51	22.57
20	QPSK	1	99	22.34	22.36	22.37
20	QPSK	50	0	21.61	21.65	21.63
20	QPSK	50	24	21.46	21.47	21.46
20	QPSK	50	50	21.32	21.34	21.33
20	QPSK	100	0	21.16	21.20	21.18
20	16QAM	1	0	21.60	21.55	21.57
20	16QAM	1	49	21.40	21.38	21.45
20	16QAM	1	99	21.21	21.26	21.34
20	16QAM	50	0	20.40	20.47	20.57
20	16QAM	50	24	20.28	20.32	20.44
20	16QAM	50	50	20.15	20.19	20.28
20	16QAM	100	0	20.00	20.01	20.09
20	64QAM	1	0	20.48	20.50	20.54
20	64QAM	1	49	20.47	20.49	20.53
20	64QAM	1	99	20.45	20.42	20.52
20	64QAM	50	0	19.76	19.72	19.84
20	64QAM	50	24	19.73	19.68	19.81
20	64QAM	50	50	19.67	19.64	19.76
20	64QAM	100	0	19.66	19.59	19.73



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20025	20175	20325
Frequency (MHz)				1717.5	1732.5	1747.5
15	QPSK	1	0	22.63	22.69	22.63
15	QPSK	1	37	22.50	22.47	22.54
15	QPSK	1	74	22.25	22.29	22.30
15	QPSK	36	0	21.57	21.52	21.58
15	QPSK	36	20	21.42	21.39	21.43
15	QPSK	36	39	21.27	21.28	21.27
15	QPSK	75	0	21.12	21.12	21.12
15	16QAM	1	0	21.57	21.47	21.51
15	16QAM	1	37	21.35	21.29	21.39
15	16QAM	1	74	21.16	21.18	21.28
15	16QAM	36	0	20.31	20.44	20.51
15	16QAM	36	20	20.21	20.28	20.37
15	16QAM	36	39	20.11	20.10	20.20
15	16QAM	75	0	19.96	19.94	20.03
15	64QAM	1	0	20.45	20.46	20.49
15	64QAM	1	37	20.40	20.42	20.48
15	64QAM	1	74	20.38	20.39	20.45
15	64QAM	36	0	19.69	19.66	19.77
15	64QAM	36	20	19.68	19.65	19.77
15	64QAM	36	39	19.63	19.56	19.69
15	64QAM	75	0	19.60	19.51	19.67



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20000	20175	20350
Frequency (MHz)				1715	1732.5	1750
10	QPSK	1	0	22.53	22.58	22.57
10	QPSK	1	25	22.43	22.45	22.45
10	QPSK	1	49	22.27	22.21	22.24
10	QPSK	25	0	21.52	21.44	21.51
10	QPSK	25	12	21.37	21.37	21.30
10	QPSK	25	25	21.21	21.18	21.24
10	QPSK	50	0	21.00	21.02	21.09
10	16QAM	1	0	21.48	21.43	21.47
10	16QAM	1	25	21.31	21.26	21.33
10	16QAM	1	49	21.08	21.15	21.20
10	16QAM	25	0	20.31	20.38	20.49
10	16QAM	25	12	20.17	20.20	20.36
10	16QAM	25	25	20.00	20.04	20.16
10	16QAM	50	0	19.83	19.91	20.00
10	64QAM	1	0	20.40	20.37	20.43
10	64QAM	1	25	20.31	20.34	20.43
10	64QAM	1	49	20.33	20.30	20.36
10	64QAM	25	0	19.65	19.62	19.72
10	64QAM	25	12	19.62	19.57	19.74
10	64QAM	25	25	19.54	19.52	19.70
10	64QAM	50	0	19.51	19.44	19.63



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				19975	20175	20375
Frequency (MHz)				1712.5	1732.5	1752.5
5	QPSK	1	0	22.56	22.61	22.57
5	QPSK	1	12	22.40	22.42	22.49
5	QPSK	1	24	22.24	22.25	22.22
5	QPSK	12	0	21.50	21.45	21.51
5	QPSK	12	7	21.36	21.39	21.31
5	QPSK	12	13	21.20	21.23	21.22
5	QPSK	25	0	21.00	21.05	21.08
5	16QAM	1	0	21.50	21.40	21.42
5	16QAM	1	12	21.28	21.26	21.34
5	16QAM	1	24	21.04	21.12	21.25
5	16QAM	12	0	20.30	20.35	20.48
5	16QAM	12	7	20.13	20.20	20.36
5	16QAM	12	13	20.00	20.04	20.14
5	16QAM	25	0	19.87	19.91	20.00
5	64QAM	1	0	20.37	20.38	20.43
5	64QAM	1	12	20.36	20.33	20.45
5	64QAM	1	24	20.37	20.25	20.38
5	64QAM	12	0	19.67	19.64	19.74
5	64QAM	12	7	19.60	19.57	19.69
5	64QAM	12	13	19.56	19.48	19.67
5	64QAM	25	0	19.49	19.42	19.62



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				19965	20175	20385
Frequency (MHz)				1711.5	1732.5	1753.5
3	QPSK	1	0	22.54	22.59	22.56
3	QPSK	1	8	22.45	22.40	22.46
3	QPSK	1	14	22.28	22.22	22.21
3	QPSK	8	0	21.53	21.43	21.52
3	QPSK	8	4	21.38	21.39	21.35
3	QPSK	8	7	21.18	21.21	21.20
3	QPSK	15	0	21.01	21.01	21.08
3	16QAM	1	0	21.49	21.41	21.42
3	16QAM	1	8	21.30	21.24	21.34
3	16QAM	1	14	21.08	21.14	21.22
3	16QAM	8	0	20.28	20.40	20.46
3	16QAM	8	4	20.13	20.22	20.37
3	16QAM	8	7	20.05	20.08	20.13
3	16QAM	15	0	19.85	19.88	19.95
3	64QAM	1	0	20.39	20.39	20.40
3	64QAM	1	8	20.32	20.38	20.42
3	64QAM	1	14	20.36	20.29	20.36
3	64QAM	8	0	19.65	19.59	19.75
3	64QAM	8	4	19.58	19.59	19.74
3	64QAM	8	7	19.54	19.47	19.69
3	64QAM	15	0	19.51	19.45	19.64



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				19957	20175	20393
Frequency (MHz)				1710.7	1732.5	1754.3
1.4	QPSK	1	0	22.55	22.62	22.54
1.4	QPSK	1	3	22.45	22.41	22.49
1.4	QPSK	1	5	22.24	22.26	22.25
1.4	QPSK	3	0	21.48	21.42	21.51
1.4	QPSK	3	1	21.35	21.35	21.35
1.4	QPSK	3	3	21.20	21.18	21.24
1.4	QPSK	6	0	21.01	21.05	21.09
1.4	16QAM	1	0	21.52	21.39	21.43
1.4	16QAM	1	3	21.31	21.26	21.31
1.4	16QAM	1	5	21.04	21.15	21.25
1.4	16QAM	3	0	20.27	20.38	20.44
1.4	16QAM	3	1	20.16	20.19	20.37
1.4	16QAM	3	3	20.01	20.04	20.15
1.4	16QAM	6	0	19.85	19.89	19.95
1.4	64QAM	1	0	20.39	20.39	20.41
1.4	64QAM	1	3	20.34	20.37	20.44
1.4	64QAM	1	5	20.33	20.28	20.40
1.4	64QAM	3	0	19.67	19.62	19.74
1.4	64QAM	3	1	19.60	19.61	19.72
1.4	64QAM	3	3	19.55	19.53	19.67
1.4	64QAM	6	0	19.49	19.47	19.61



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	23.86	23.88	23.87
10	QPSK	1	25	23.75	23.72	23.67
10	QPSK	1	49	23.61	23.52	23.50
10	QPSK	25	0	22.82	22.83	22.77
10	QPSK	25	12	22.65	22.60	22.52
10	QPSK	25	25	22.52	22.41	22.40
10	QPSK	50	0	22.41	22.44	22.35
10	16QAM	1	0	22.80	22.62	22.61
10	16QAM	1	25	22.61	22.48	22.49
10	16QAM	1	49	22.43	22.36	22.35
10	16QAM	25	0	21.67	21.56	21.51
10	16QAM	25	12	21.56	21.37	21.31
10	16QAM	25	25	21.44	21.23	21.20
10	16QAM	50	0	21.30	21.11	21.09
10	64QAM	1	0	20.81	20.65	20.63
10	64QAM	1	25	20.72	20.64	20.59
10	64QAM	1	49	20.68	20.63	20.56
10	64QAM	25	0	20.02	20.00	19.89
10	64QAM	25	12	19.99	20.00	19.82
10	64QAM	25	25	19.91	19.98	19.80
10	64QAM	50	0	18.84	18.95	18.79



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	23.81	23.79	23.78
5	QPSK	1	12	23.71	23.69	23.63
5	QPSK	1	24	23.56	23.48	23.44
5	QPSK	12	0	22.74	22.70	22.61
5	QPSK	12	7	22.58	22.52	22.45
5	QPSK	12	13	22.45	22.34	22.36
5	QPSK	25	0	22.35	22.18	22.16
5	16QAM	1	0	22.74	22.54	22.53
5	16QAM	1	12	22.53	22.43	22.42
5	16QAM	1	24	22.35	22.30	22.26
5	16QAM	12	0	21.63	21.48	21.43
5	16QAM	12	7	21.52	21.29	21.25
5	16QAM	12	13	21.38	21.17	21.13
5	16QAM	25	0	21.24	21.04	21.04
5	64QAM	1	0	20.72	20.62	20.57
5	64QAM	1	12	20.68	20.56	20.52
5	64QAM	1	24	20.61	20.56	20.50
5	64QAM	12	0	19.96	19.91	19.84
5	64QAM	12	7	19.94	19.97	19.76
5	64QAM	12	13	19.84	19.94	19.74
5	64QAM	25	0	18.76	18.90	18.76



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	23.74	23.79	23.71
3	QPSK	1	8	23.66	23.60	23.56
3	QPSK	1	14	23.50	23.41	23.35
3	QPSK	8	0	22.74	22.62	22.61
3	QPSK	8	4	22.53	22.52	22.37
3	QPSK	8	7	22.40	22.33	22.29
3	QPSK	15	0	22.29	22.15	22.10
3	16QAM	1	0	22.67	22.53	22.53
3	16QAM	1	8	22.52	22.35	22.39
3	16QAM	1	14	22.37	22.22	22.25
3	16QAM	8	0	21.57	21.46	21.37
3	16QAM	8	4	21.42	21.22	21.20
3	16QAM	8	7	21.31	21.11	21.06
3	16QAM	15	0	21.18	20.98	20.93
3	64QAM	1	0	20.69	20.51	20.50
3	64QAM	1	8	20.59	20.52	20.46
3	64QAM	1	14	20.54	20.48	20.40
3	64QAM	8	0	19.90	19.92	19.74
3	64QAM	8	4	19.91	19.88	19.74
3	64QAM	8	7	19.79	19.81	19.69
3	64QAM	15	0	18.77	18.85	18.71



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	23.72	23.80	23.73
1.4	QPSK	1	3	23.62	23.57	23.58
1.4	QPSK	1	5	23.50	23.41	23.40
1.4	QPSK	3	0	22.69	22.59	22.58
1.4	QPSK	3	1	22.51	22.51	22.40
1.4	QPSK	3	3	22.42	22.28	22.33
1.4	QPSK	6	0	22.31	22.13	22.08
1.4	16QAM	1	0	22.63	22.49	22.52
1.4	16QAM	1	3	22.49	22.37	22.39
1.4	16QAM	1	5	22.33	22.22	22.23
1.4	16QAM	3	0	21.54	21.43	21.35
1.4	16QAM	3	1	21.44	21.24	21.24
1.4	16QAM	3	3	21.32	21.10	21.09
1.4	16QAM	6	0	21.19	20.96	20.95
1.4	64QAM	1	0	20.63	20.52	20.49
1.4	64QAM	1	3	20.62	20.51	20.50
1.4	64QAM	1	5	20.53	20.50	20.41
1.4	64QAM	3	0	19.88	19.88	19.73
1.4	64QAM	3	1	19.88	19.88	19.70
1.4	64QAM	3	3	19.82	19.83	19.69
1.4	64QAM	6	0	18.72	18.85	18.71



LTE Band 7						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20850	21100	21350
Frequency (MHz)				2510	2535	2560
20	QPSK	1	0	23.07	23.11	23.07
20	QPSK	1	49	22.93	22.97	22.94
20	QPSK	1	99	22.74	22.77	22.83
20	QPSK	50	0	21.95	22.07	22.05
20	QPSK	50	24	21.81	21.91	21.87
20	QPSK	50	50	21.61	21.73	21.70
20	QPSK	100	0	21.60	21.63	21.55
20	16QAM	1	0	21.91	22.04	22.02
20	16QAM	1	49	21.79	21.88	21.85
20	16QAM	1	99	21.59	21.77	21.68
20	16QAM	50	0	20.76	21.00	20.82
20	16QAM	50	24	20.54	20.83	20.62
20	16QAM	50	50	20.53	20.65	20.50
20	16QAM	100	0	20.50	20.51	20.50
20	64QAM	1	0	20.69	21.00	20.66
20	64QAM	1	49	20.51	20.99	20.60
20	64QAM	1	99	20.50	20.98	20.60
20	64QAM	50	0	19.80	20.30	19.93
20	64QAM	50	24	19.74	20.24	19.92
20	64QAM	50	50	19.70	20.22	19.85
20	64QAM	100	0	19.68	20.16	19.83



LTE Band 7						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20825	21100	21375
Frequency (MHz)				2507.5	2535	2562.5
15	QPSK	1	0	23.01	23.05	23.04
15	QPSK	1	37	22.87	22.94	22.87
15	QPSK	1	74	22.65	22.71	22.76
15	QPSK	36	0	21.88	21.99	22.00
15	QPSK	36	20	21.74	21.83	21.78
15	QPSK	36	39	21.54	21.66	21.65
15	QPSK	75	0	21.39	21.48	21.52
15	16QAM	1	0	21.86	22.00	21.94
15	16QAM	1	37	21.75	21.83	21.80
15	16QAM	1	74	21.51	21.69	21.60
15	16QAM	36	0	20.72	20.93	20.77
15	16QAM	36	20	20.48	20.80	20.58
15	16QAM	36	39	20.26	20.57	20.37
15	16QAM	75	0	20.18	20.42	20.15
15	64QAM	1	0	20.62	20.96	20.57
15	64QAM	1	37	20.45	20.96	20.53
15	64QAM	1	74	20.42	20.93	20.56
15	64QAM	36	0	19.72	20.26	19.89
15	64QAM	36	20	19.70	20.19	19.84
15	64QAM	36	39	19.65	20.14	19.77
15	64QAM	75	0	19.62	20.07	19.78



LTE Band 7						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20800	21100	21400
Frequency (MHz)				2505	2535	2565
10	QPSK	1	0	23.03	23.05	23.01
10	QPSK	1	25	22.84	22.91	22.88
10	QPSK	1	49	22.66	22.73	22.76
10	QPSK	25	0	21.87	21.99	21.97
10	QPSK	25	12	21.76	21.88	21.83
10	QPSK	25	25	21.54	21.68	21.63
10	QPSK	50	0	21.36	21.53	21.50
10	16QAM	1	0	21.83	21.96	21.95
10	16QAM	1	25	21.75	21.83	21.81
10	16QAM	1	49	21.51	21.70	21.60
10	16QAM	25	0	20.70	20.93	20.77
10	16QAM	25	12	20.47	20.74	20.57
10	16QAM	25	25	20.31	20.58	20.34
10	16QAM	50	0	20.17	20.39	20.16
10	64QAM	1	0	20.64	20.91	20.60
10	64QAM	1	25	20.46	20.94	20.54
10	64QAM	1	49	20.42	20.93	20.56
10	64QAM	25	0	19.72	20.23	19.87
10	64QAM	25	12	19.69	20.17	19.84
10	64QAM	25	25	19.65	20.18	19.80
10	64QAM	50	0	19.64	20.11	19.77



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	22.93	22.94	22.94
5	QPSK	1	12	22.79	22.83	22.83
5	QPSK	1	24	22.61	22.66	22.69
5	QPSK	12	0	21.85	21.87	21.92
5	QPSK	12	7	21.63	21.84	21.75
5	QPSK	12	13	21.51	21.62	21.56
5	QPSK	25	0	21.35	21.48	21.39
5	16QAM	1	0	21.79	21.97	21.86
5	16QAM	1	12	21.68	21.77	21.75
5	16QAM	1	24	21.45	21.63	21.54
5	16QAM	12	0	20.61	20.85	20.72
5	16QAM	12	7	20.37	20.69	20.54
5	16QAM	12	13	20.23	20.52	20.29
5	16QAM	25	0	20.13	20.30	20.03
5	64QAM	1	0	20.59	20.87	20.52
5	64QAM	1	12	20.37	20.88	20.49
5	64QAM	1	24	20.34	20.85	20.46
5	64QAM	12	0	19.68	20.22	19.79
5	64QAM	12	7	19.61	20.11	19.75
5	64QAM	12	13	19.58	20.12	19.77
5	64QAM	25	0	19.53	20.02	19.69



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	/	23.64	/
10	QPSK	1	25	/	23.55	/
10	QPSK	1	49	/	23.41	/
10	QPSK	25	0	/	22.53	/
10	QPSK	25	12	/	22.48	/
10	QPSK	25	25	/	22.40	/
10	QPSK	50	0	/	22.33	/
10	16QAM	1	0	/	22.48	/
10	16QAM	1	25	/	22.26	/
10	16QAM	1	49	/	22.25	/
10	16QAM	25	0	/	21.32	/
10	16QAM	25	12	/	21.19	/
10	16QAM	25	25	/	21.02	/
10	16QAM	50	0	/	20.91	/
10	64QAM	1	0	/	21.08	/
10	64QAM	1	25	/	21.06	/
10	64QAM	1	49	/	20.99	/
10	64QAM	25	0	/	20.32	/
10	64QAM	25	12	/	20.26	/
10	64QAM	25	25	/	20.24	/
10	64QAM	50	0	/	17.17	/



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	23.51	23.54	23.54
5	QPSK	1	12	23.38	23.36	23.44
5	QPSK	1	24	23.19	23.16	23.30
5	QPSK	12	0	22.49	22.42	22.63
5	QPSK	12	7	22.31	22.27	22.45
5	QPSK	12	13	22.08	22.06	22.26
5	QPSK	25	0	21.96	21.87	22.08
5	16QAM	1	0	22.33	22.38	22.45
5	16QAM	1	12	22.14	22.16	22.29
5	16QAM	1	24	21.96	21.99	22.16
5	16QAM	12	0	21.17	21.20	21.36
5	16QAM	12	7	20.99	21.11	21.21
5	16QAM	12	13	20.85	20.88	21.08
5	16QAM	25	0	20.65	20.78	20.90
5	64QAM	1	0	20.81	20.96	21.06
5	64QAM	1	12	20.81	20.92	21.01
5	64QAM	1	24	20.76	20.88	20.95
5	64QAM	12	0	20.15	20.18	20.30
5	64QAM	12	7	20.08	20.15	20.19
5	64QAM	12	13	20.01	20.11	20.19
5	64QAM	25	0	17.00	17.02	17.14



LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26865	26915	26965
Frequency (MHz)				831.5	836.5	841.5
15	QPSK	1	0	23.22	23.04	22.84
15	QPSK	1	37	23.07	23.03	23.06
15	QPSK	1	74	23.20	23.16	22.93
15	QPSK	36	0	22.08	22.10	22.02
15	QPSK	36	20	22.10	21.92	21.97
15	QPSK	36	39	22.02	22.06	22.02
15	QPSK	75	0	22.16	21.99	21.99
15	16QAM	1	0	20.40	22.24	22.32
15	16QAM	1	37	21.52	21.99	22.14
15	16QAM	1	74	22.10	21.98	21.91
15	16QAM	36	0	21.06	21.04	21.02
15	16QAM	36	20	21.29	21.01	21.06
15	16QAM	36	39	21.36	21.16	20.90
15	16QAM	75	0	21.26	21.14	21.14
15	64QAM	1	0	19.85	20.02	20.30
15	64QAM	1	37	19.91	20.12	19.68
15	64QAM	1	74	19.79	19.46	19.39
15	64QAM	36	0	18.18	18.42	18.33
15	64QAM	36	20	18.09	18.34	18.22
15	64QAM	36	39	18.08	18.26	17.98
15	64QAM	75	0	17.94	18.29	18.12



LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26840	26915	26990
Frequency (MHz)				829.0	836.5	844.0
10	QPSK	1	0	23.21	23.28	22.86
10	QPSK	1	25	23.40	23.30	23.11
10	QPSK	1	49	23.33	23.16	23.28
10	QPSK	25	0	22.11	22.06	22.09
10	QPSK	25	12	22.10	22.03	22.06
10	QPSK	25	25	21.75	22.02	22.03
10	QPSK	50	0	22.09	22.05	22.01
10	16QAM	1	0	22.25	21.90	22.02
10	16QAM	1	25	22.43	22.20	22.12
10	16QAM	1	49	21.95	21.98	22.05
10	16QAM	25	0	21.31	21.30	21.31
10	16QAM	25	12	21.39	20.52	20.45
10	16QAM	25	25	21.43	20.85	21.28
10	16QAM	50	0	21.17	21.08	21.05
10	64QAM	1	0	19.55	19.33	19.82
10	64QAM	1	25	19.77	19.65	19.82
10	64QAM	1	49	20.12	19.71	19.53
10	64QAM	25	0	17.89	17.68	17.96
10	64QAM	25	12	17.88	17.85	18.11
10	64QAM	25	25	18.16	17.96	17.91
10	64QAM	50	0	17.97	17.85	17.97



LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26815	26915	27015
Frequency (MHz)				826.5	836.5	846.5
5	QPSK	1	0	23.20	23.05	23.00
5	QPSK	1	12	23.32	23.35	23.31
5	QPSK	1	24	23.29	23.25	23.03
5	QPSK	12	0	21.96	22.17	21.95
5	QPSK	12	7	22.06	22.01	22.02
5	QPSK	12	13	22.00	22.04	22.02
5	QPSK	25	0	22.19	22.03	22.04
5	16QAM	1	0	22.49	22.53	22.48
5	16QAM	1	12	22.07	22.28	21.91
5	16QAM	1	24	22.21	21.96	22.44
5	16QAM	12	0	21.37	21.35	21.22
5	16QAM	12	7	21.28	21.16	21.22
5	16QAM	12	13	21.18	21.17	21.13
5	16QAM	25	0	21.34	21.00	21.28
5	64QAM	1	0	19.92	19.26	19.72
5	64QAM	1	12	20.32	19.85	20.05
5	64QAM	1	24	19.69	19.32	19.35
5	64QAM	12	0	18.55	18.05	18.36
5	64QAM	12	7	18.65	18.24	18.42
5	64QAM	12	13	18.49	18.08	18.17
5	64QAM	25	0	18.56	18.12	18.22



LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26805	26915	27025
Frequency (MHz)				825.5	836.5	847.5
3	QPSK	1	0	23.28	23.07	23.07
3	QPSK	1	8	23.26	23.11	23.09
3	QPSK	1	14	23.17	22.93	22.83
3	QPSK	8	0	22.16	21.37	22.07
3	QPSK	8	4	22.12	22.01	22.07
3	QPSK	8	7	22.01	22.04	22.08
3	QPSK	15	0	22.06	22.03	22.05
3	16QAM	1	0	19.63	21.88	22.16
3	16QAM	1	8	22.09	21.67	22.01
3	16QAM	1	14	21.96	21.97	22.10
3	16QAM	8	0	21.46	21.44	21.29
3	16QAM	8	4	21.61	21.04	21.18
3	16QAM	8	7	21.12	20.93	20.78
3	16QAM	15	0	21.29	21.19	21.04
3	64QAM	1	0	19.82	19.81	19.77
3	64QAM	1	8	20.00	19.92	19.89
3	64QAM	1	14	19.77	19.73	19.58
3	64QAM	8	0	18.20	18.20	18.30
3	64QAM	8	4	18.14	18.23	18.18
3	64QAM	8	7	18.22	18.20	18.21
3	64QAM	15	0	18.22	18.22	18.30



LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26797	26915	27033
Frequency (MHz)				824.7	836.5	848.3
1.4	QPSK	1	0	23.25	23.21	22.50
1.4	QPSK	1	3	23.24	23.23	22.60
1.4	QPSK	1	5	23.13	22.88	22.65
1.4	QPSK	3	0	23.04	23.04	23.00
1.4	QPSK	3	1	23.03	22.87	22.96
1.4	QPSK	3	3	23.16	23.00	23.01
1.4	QPSK	6	0	22.03	22.02	22.06
1.4	16QAM	1	0	22.03	22.76	21.95
1.4	16QAM	1	3	21.30	22.10	22.13
1.4	16QAM	1	5	19.86	21.40	22.15
1.4	16QAM	3	0	22.16	22.14	22.24
1.4	16QAM	3	1	22.29	22.16	22.20
1.4	16QAM	3	3	22.11	22.01	22.22
1.4	16QAM	6	0	21.06	20.80	20.93
1.4	64QAM	1	0	19.58	19.94	19.53
1.4	64QAM	1	3	19.57	20.27	19.49
1.4	64QAM	1	5	19.38	20.06	19.39
1.4	64QAM	3	0	19.58	20.25	19.62
1.4	64QAM	3	1	19.72	20.31	19.64
1.4	64QAM	3	3	19.49	20.17	19.45
1.4	64QAM	6	0	17.79	18.20	17.57



LTE Band 38						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				37850	38000	38150
Frequency (MHz)				2580	2595	2610
20	QPSK	1	0	23.72	23.82	23.80
20	QPSK	1	49	23.51	23.67	23.62
20	QPSK	1	99	23.39	23.51	23.44
20	QPSK	50	0	22.65	22.77	22.66
20	QPSK	50	24	22.48	22.55	22.45
20	QPSK	50	50	22.33	22.41	22.33
20	QPSK	100	0	22.18	22.24	22.12
20	16QAM	1	0	22.60	22.72	22.58
20	16QAM	1	49	22.47	22.50	22.45
20	16QAM	1	99	22.27	22.39	22.25
20	16QAM	50	0	21.43	21.59	21.39
20	16QAM	50	24	21.25	21.47	21.18
20	16QAM	50	50	21.14	21.30	21.04
20	16QAM	100	0	20.97	21.15	20.88
20	64QAM	1	0	20.51	20.69	20.32
20	64QAM	1	49	20.42	20.64	20.24
20	64QAM	1	99	20.41	20.60	20.21
20	64QAM	50	0	19.77	19.94	19.53
20	64QAM	50	24	19.73	19.88	19.51
20	64QAM	50	50	19.71	19.81	19.45
20	64QAM	100	0	19.69	19.77	19.43



LTE Band 38						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				37825	38000	38175
Frequency (MHz)				2577.5	2595	2612.5
15	QPSK	1	0	23.67	23.74	23.75
15	QPSK	1	37	23.47	23.62	23.58
15	QPSK	1	74	23.36	23.44	23.40
15	QPSK	36	0	22.54	22.74	22.58
15	QPSK	36	20	22.41	22.51	22.37
15	QPSK	36	39	22.27	22.34	22.28
15	QPSK	75	0	22.14	22.15	22.07
15	16QAM	1	0	22.53	22.67	22.52
15	16QAM	1	37	22.44	22.44	22.42
15	16QAM	1	74	22.23	22.36	22.16
15	16QAM	36	0	21.39	21.52	21.31
15	16QAM	36	20	21.18	21.40	21.13
15	16QAM	36	39	21.08	21.26	20.96
15	16QAM	75	0	20.91	21.07	20.82
15	64QAM	1	0	20.47	20.65	20.26
15	64QAM	1	37	20.34	20.56	20.18
15	64QAM	1	74	20.32	20.54	20.14
15	64QAM	36	0	19.73	19.89	19.45
15	64QAM	36	20	19.69	19.85	19.42
15	64QAM	36	39	19.65	19.74	19.39
15	64QAM	75	0	19.60	19.71	19.40



LTE Band 38						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				37800	38000	38200
Frequency (MHz)				2575	2595	2615
10	QPSK	1	0	23.58	23.69	23.66
10	QPSK	1	25	23.38	23.52	23.48
10	QPSK	1	49	23.28	23.38	23.32
10	QPSK	25	0	22.46	22.68	22.54
10	QPSK	25	12	22.37	22.42	22.31
10	QPSK	25	25	22.19	22.33	22.17
10	QPSK	50	0	22.06	22.09	22.02
10	16QAM	1	0	22.49	22.60	22.49
10	16QAM	1	25	22.35	22.38	22.35
10	16QAM	1	49	22.10	22.30	22.13
10	16QAM	25	0	21.34	21.48	21.31
10	16QAM	25	12	21.14	21.34	21.07
10	16QAM	25	25	21.06	21.17	20.93
10	16QAM	50	0	20.85	21.03	20.72
10	64QAM	1	0	20.35	20.59	20.22
10	64QAM	1	25	20.29	20.50	20.16
10	64QAM	1	49	20.31	20.49	20.10
10	64QAM	25	0	19.62	19.78	19.44
10	64QAM	25	12	19.57	19.77	19.41
10	64QAM	25	25	19.59	19.72	19.35
10	64QAM	50	0	19.58	19.70	19.30



LTE Band 38						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				37775	38000	38225
Frequency (MHz)				2572.5	2595	2617.5
5	QPSK	1	0	23.59	23.71	23.68
5	QPSK	1	12	23.37	23.51	23.52
5	QPSK	1	24	23.31	23.35	23.31
5	QPSK	12	0	22.45	22.65	22.55
5	QPSK	12	7	22.32	22.47	22.32
5	QPSK	12	13	22.18	22.32	22.22
5	QPSK	25	0	22.05	22.10	22.01
5	16QAM	1	0	22.48	22.59	22.45
5	16QAM	1	12	22.35	22.39	22.31
5	16QAM	1	24	22.11	22.26	22.14
5	16QAM	12	0	21.36	21.49	21.31
5	16QAM	12	7	21.15	21.33	21.09
5	16QAM	12	13	21.03	21.19	20.94
5	16QAM	25	0	20.85	21.07	20.77
5	64QAM	1	0	20.38	20.59	20.24
5	64QAM	1	12	20.29	20.50	20.16
5	64QAM	1	24	20.33	20.47	20.06
5	64QAM	12	0	19.63	19.81	19.43
5	64QAM	12	7	19.57	19.80	19.38
5	64QAM	12	13	19.62	19.70	19.33
5	64QAM	25	0	19.53	19.67	19.28



LTE Band 41						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				40140	40640	41140
Frequency (MHz)				2545	2595	2645
20	QPSK	1	0	23.90	23.92	23.79
20	QPSK	1	49	23.73	23.81	23.59
20	QPSK	1	99	23.51	23.67	23.48
20	QPSK	50	0	22.74	22.86	22.77
20	QPSK	50	24	22.64	22.71	22.58
20	QPSK	50	50	22.52	22.59	22.39
20	QPSK	100	0	22.34	22.46	22.22
20	16QAM	1	0	22.81	22.92	22.62
20	16QAM	1	49	22.65	22.74	22.51
20	16QAM	1	99	22.50	22.55	22.30
20	16QAM	50	0	21.73	21.74	21.47
20	16QAM	50	24	21.52	21.60	21.31
20	16QAM	50	50	21.40	21.48	21.11
20	16QAM	100	0	21.23	21.29	21.00
20	64QAM	1	0	20.41	20.45	20.18
20	64QAM	1	49	20.38	20.44	20.17
20	64QAM	1	99	20.34	20.37	20.15
20	64QAM	50	0	19.64	19.73	19.51
20	64QAM	50	24	19.60	19.69	19.50
20	64QAM	50	50	19.56	19.62	19.48
20	64QAM	100	0	19.49	19.60	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				40115	40640	41165
Frequency (MHz)				2542.5	2595	2647.5
15	QPSK	1	0	23.87	23.89	23.73
15	QPSK	1	37	23.67	23.76	23.61
15	QPSK	1	74	23.43	23.64	23.39
15	QPSK	36	0	22.66	22.78	22.68
15	QPSK	36	20	22.57	22.62	22.45
15	QPSK	36	39	22.45	22.54	22.33
15	QPSK	75	0	22.31	22.40	22.15
15	16QAM	1	0	22.74	22.86	22.50
15	16QAM	1	37	22.61	22.69	22.49
15	16QAM	1	74	22.45	22.47	22.20
15	16QAM	36	0	21.68	21.69	21.47
15	16QAM	36	20	21.47	21.55	21.29
15	16QAM	36	39	21.31	21.39	21.19
15	16QAM	75	0	21.19	21.26	21.00
15	64QAM	1	0	20.32	20.41	20.26
15	64QAM	1	37	20.32	20.41	20.19
15	64QAM	1	74	20.25	20.33	20.09
15	64QAM	36	0	19.61	19.65	19.41
15	64QAM	36	20	19.53	19.63	19.43
15	64QAM	36	39	19.50	19.57	19.36
15	64QAM	75	0	19.42	19.51	19.27



LTE Band 41						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				40090	40640	41190
Frequency (MHz)				2540	2595	2650
10	QPSK	1	0	23.82	23.79	23.80
10	QPSK	1	25	23.59	23.64	23.69
10	QPSK	1	49	23.40	23.38	23.55
10	QPSK	25	0	22.61	22.60	22.70
10	QPSK	25	12	22.51	22.52	22.57
10	QPSK	25	25	22.40	22.42	22.50
10	QPSK	50	0	22.26	22.25	22.35
10	16QAM	1	0	22.68	22.65	22.78
10	16QAM	1	25	22.54	22.55	22.60
10	16QAM	1	49	22.42	22.41	22.40
10	16QAM	25	0	21.64	21.64	21.66
10	16QAM	25	12	21.40	21.43	21.51
10	16QAM	25	25	21.23	21.27	21.31
10	16QAM	50	0	21.13	21.15	21.22
10	64QAM	1	0	20.27	20.25	20.35
10	64QAM	1	25	20.23	20.28	20.35
10	64QAM	1	49	20.20	20.21	20.27
10	64QAM	25	0	19.56	19.55	19.57
10	64QAM	25	12	19.49	19.48	19.54
10	64QAM	25	25	19.46	19.44	19.51
10	64QAM	50	0	19.36	19.34	19.42



LTE Band 41						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				40065	40640	41215
Frequency (MHz)				2537.5	2595	2652.5
5	QPSK	1	0	23.80	23.81	23.84
5	QPSK	1	12	23.60	23.62	23.68
5	QPSK	1	24	23.38	23.35	23.58
5	QPSK	12	0	22.58	22.58	22.70
5	QPSK	12	7	22.54	22.49	22.54
5	QPSK	12	13	22.37	22.39	22.47
5	QPSK	25	0	22.28	22.28	22.33
5	16QAM	1	0	22.68	22.69	22.79
5	16QAM	1	12	22.52	22.53	22.65
5	16QAM	1	24	22.41	22.38	22.41
5	16QAM	12	0	21.61	21.61	21.65
5	16QAM	12	7	21.40	21.39	21.48
5	16QAM	12	13	21.26	21.23	21.36
5	16QAM	25	0	21.10	21.11	21.17
5	64QAM	1	0	20.27	20.29	20.36
5	64QAM	1	12	20.24	20.26	20.35
5	64QAM	1	24	20.21	20.17	20.25
5	64QAM	12	0	19.53	19.55	19.56
5	64QAM	12	7	19.45	19.48	19.55
5	64QAM	12	13	19.42	19.46	19.51
5	64QAM	25	0	19.34	19.34	19.43



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				132072	132322	132572
Frequency (MHz)				1720	1745	1770
20	QPSK	1	0	23.16	23.17	23.11
20	QPSK	1	49	23.03	23.00	22.96
20	QPSK	1	99	22.89	22.83	22.79
20	QPSK	50	0	22.12	22.14	22.06
20	QPSK	50	24	21.98	21.89	21.91
20	QPSK	50	50	21.79	21.74	21.80
20	QPSK	100	0	21.61	21.66	21.63
20	16QAM	1	0	22.02	22.05	22.07
20	16QAM	1	49	21.89	21.90	21.90
20	16QAM	1	99	21.77	21.69	21.69
20	16QAM	50	0	20.91	20.88	20.94
20	16QAM	50	24	20.78	20.73	20.77
20	16QAM	50	50	20.64	20.63	20.66
20	16QAM	100	0	20.51	20.46	20.55
20	64QAM	1	0	20.01	19.99	20.01
20	64QAM	1	49	19.91	19.94	19.97
20	64QAM	1	99	19.90	19.94	19.94
20	64QAM	50	0	19.21	19.26	19.29
20	64QAM	50	24	19.14	19.25	19.26
20	64QAM	50	50	19.09	19.24	19.18
20	64QAM	100	0	19.08	19.24	19.12



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				132047	132322	132597
Frequency (MHz)				1717.5	1745	1772.5
15	QPSK	1	0	23.13	23.11	23.13
15	QPSK	1	37	22.98	22.92	22.92
15	QPSK	1	74	22.84	22.75	22.75
15	QPSK	36	0	22.08	21.96	21.97
15	QPSK	36	20	21.91	21.85	21.86
15	QPSK	36	39	21.74	21.67	21.75
15	QPSK	75	0	21.54	21.57	21.56
15	16QAM	1	0	21.98	22.01	22.01
15	16QAM	1	37	21.84	21.86	21.85
15	16QAM	1	74	21.73	21.60	21.60
15	16QAM	36	0	20.83	20.85	20.89
15	16QAM	36	20	20.73	20.68	20.72
15	16QAM	36	39	20.60	20.58	20.60
15	16QAM	75	0	20.44	20.41	20.50
15	64QAM	1	0	19.95	19.94	19.93
15	64QAM	1	37	19.85	19.90	19.90
15	64QAM	1	74	19.84	19.86	19.89
15	64QAM	36	0	19.16	19.23	19.25
15	64QAM	36	20	19.11	19.16	19.22
15	64QAM	36	39	19.05	19.20	19.13
15	64QAM	75	0	19.00	19.16	19.06



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				132022	132322	132622
Frequency (MHz)				1715	1745	1775
10	QPSK	1	0	23.06	23.10	23.06
10	QPSK	1	25	22.95	22.90	22.85
10	QPSK	1	49	22.74	22.70	22.66
10	QPSK	25	0	22.00	21.89	21.93
10	QPSK	25	12	21.83	21.83	21.81
10	QPSK	25	25	21.68	21.62	21.71
10	QPSK	50	0	21.46	21.49	21.54
10	16QAM	1	0	21.89	21.90	21.96
10	16QAM	1	25	21.78	21.80	21.74
10	16QAM	1	49	21.62	21.60	21.57
10	16QAM	25	0	20.78	20.75	20.83
10	16QAM	25	12	20.69	20.65	20.65
10	16QAM	25	25	20.54	20.46	20.54
10	16QAM	50	0	20.37	20.32	20.38
10	64QAM	1	0	19.89	19.88	19.88
10	64QAM	1	25	19.80	19.81	19.88
10	64QAM	1	49	19.81	19.82	19.79
10	64QAM	25	0	19.05	19.15	19.19
10	64QAM	25	12	19.05	19.11	19.14
10	64QAM	25	25	19.01	19.13	19.03
10	64QAM	50	0	19.00	19.14	18.99



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				131997	132322	132647
Frequency (MHz)				1712.5	1745	1777.5
5	QPSK	1	0	23.08	23.09	23.08
5	QPSK	1	12	22.95	22.85	22.87
5	QPSK	1	24	22.73	22.72	22.68
5	QPSK	12	0	22.01	21.89	21.94
5	QPSK	12	7	21.84	21.79	21.80
5	QPSK	12	13	21.65	21.60	21.70
5	QPSK	25	0	21.48	21.52	21.51
5	16QAM	1	0	21.87	21.88	21.92
5	16QAM	1	12	21.80	21.79	21.76
5	16QAM	1	24	21.61	21.59	21.58
5	16QAM	12	0	20.82	20.78	20.84
5	16QAM	12	7	20.69	20.60	20.63
5	16QAM	12	13	20.55	20.50	20.53
5	16QAM	25	0	20.41	20.30	20.44
5	64QAM	1	0	19.85	19.89	19.93
5	64QAM	1	12	19.80	19.79	19.90
5	64QAM	1	24	19.81	19.81	19.81
5	64QAM	12	0	19.08	19.17	19.16
5	64QAM	12	7	19.05	19.08	19.15
5	64QAM	12	13	18.99	19.16	19.03
5	64QAM	25	0	18.99	19.12	18.96



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				131987	132322	132657
Frequency (MHz)				1711.5	1745	1778.5
3	QPSK	1	0	23.07	23.06	23.09
3	QPSK	1	8	22.90	22.87	22.87
3	QPSK	1	14	22.76	22.73	22.66
3	QPSK	8	0	21.98	21.91	21.93
3	QPSK	8	4	21.84	21.82	21.83
3	QPSK	8	7	21.65	21.63	21.69
3	QPSK	15	0	21.47	21.53	21.53
3	16QAM	1	0	21.87	21.93	21.92
3	16QAM	1	8	21.80	21.75	21.77
3	16QAM	1	14	21.62	21.59	21.56
3	16QAM	8	0	20.78	20.78	20.84
3	16QAM	8	4	20.70	20.63	20.64
3	16QAM	8	7	20.54	20.50	20.55
3	16QAM	15	0	20.43	20.31	20.40
3	64QAM	1	0	19.89	19.89	19.89
3	64QAM	1	8	19.81	19.82	19.88
3	64QAM	1	14	19.83	19.79	19.80
3	64QAM	8	0	19.07	19.15	19.18
3	64QAM	8	4	19.03	19.11	19.13
3	64QAM	8	7	19.02	19.17	19.03
3	64QAM	15	0	19.01	19.11	18.98



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				131979	132322	132665
Frequency (MHz)				1710.7	1745	1779.3
1.4	QPSK	1	0	23.08	23.06	23.09
1.4	QPSK	1	3	22.94	22.85	22.85
1.4	QPSK	1	5	22.73	22.73	22.69
1.4	QPSK	3	0	21.98	21.90	21.95
1.4	QPSK	3	1	21.84	21.82	21.78
1.4	QPSK	3	3	21.70	21.61	21.67
1.4	QPSK	6	0	21.45	21.52	21.54
1.4	16QAM	1	0	21.89	21.92	21.95
1.4	16QAM	1	3	21.76	21.76	21.75
1.4	16QAM	1	5	21.61	21.59	21.59
1.4	16QAM	3	0	20.81	20.73	20.84
1.4	16QAM	3	1	20.68	20.61	20.60
1.4	16QAM	3	3	20.55	20.48	20.55
1.4	16QAM	6	0	20.42	20.29	20.40
1.4	64QAM	1	0	19.85	19.88	19.90
1.4	64QAM	1	3	19.78	19.81	19.86
1.4	64QAM	1	5	19.83	19.80	19.80
1.4	64QAM	3	0	19.05	19.16	19.20
1.4	64QAM	3	1	19.01	19.11	19.13
1.4	64QAM	3	3	19.00	19.15	19.05
1.4	64QAM	6	0	18.99	19.12	18.99

**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	20.95	0.124	21.00	0.126	20.93	0.124
20	QPSK	1	49	20.76	0.119	20.85	0.122	20.74	0.119
20	QPSK	1	99	20.58	0.114	20.63	0.116	20.60	0.115
20	QPSK	50	0	19.82	0.096	19.87	0.097	19.81	0.096
20	QPSK	50	24	19.64	0.092	19.72	0.094	19.71	0.094
20	QPSK	50	50	19.52	0.090	19.54	0.090	19.56	0.090
20	QPSK	100	0	19.38	0.087	19.43	0.088	19.37	0.086
20	16QAM	1	0	19.84	0.096	19.92	0.098	19.76	0.095
20	16QAM	1	49	19.71	0.094	19.80	0.095	19.54	0.090
20	16QAM	1	99	19.49	0.089	19.62	0.092	19.43	0.088
20	16QAM	50	0	18.66	0.073	18.83	0.076	18.61	0.073
20	16QAM	50	24	18.50	0.071	18.72	0.074	18.48	0.070
20	16QAM	50	50	18.35	0.068	18.58	0.072	18.28	0.067
20	16QAM	100	0	18.15	0.065	18.47	0.070	18.08	0.064
20	64QAM	1	0	18.60	0.072	18.90	0.078	18.62	0.073
20	64QAM	1	49	18.43	0.070	18.87	0.077	18.61	0.073
20	64QAM	1	99	18.39	0.069	18.86	0.077	18.59	0.072
20	64QAM	50	0	17.69	0.059	18.20	0.066	17.89	0.062
20	64QAM	50	24	17.65	0.058	18.19	0.066	17.81	0.060
20	64QAM	50	50	17.59	0.057	18.16	0.065	17.75	0.060
20	64QAM	100	0	17.57	0.057	18.13	0.065	17.74	0.059



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	20.88	0.122	20.96	0.125	20.88	0.122
15	QPSK	1	37	20.69	0.117	20.76	0.119	20.71	0.118
15	QPSK	1	74	20.51	0.112	20.58	0.114	20.54	0.113
15	QPSK	36	0	19.73	0.094	19.80	0.095	19.77	0.095
15	QPSK	36	20	19.60	0.091	19.67	0.093	19.63	0.092
15	QPSK	36	39	19.44	0.088	19.47	0.089	19.49	0.089
15	QPSK	75	0	19.34	0.086	19.34	0.086	19.29	0.085
15	16QAM	1	0	19.76	0.095	19.85	0.097	19.71	0.094
15	16QAM	1	37	19.68	0.093	19.73	0.094	19.49	0.089
15	16QAM	1	74	19.45	0.088	19.57	0.091	19.39	0.087
15	16QAM	36	0	18.61	0.073	18.78	0.076	18.55	0.072
15	16QAM	36	20	18.44	0.070	18.68	0.074	18.44	0.070
15	16QAM	36	39	18.30	0.068	18.50	0.071	18.24	0.067
15	16QAM	75	0	18.11	0.065	18.41	0.069	18.03	0.064
15	64QAM	1	0	18.52	0.071	18.82	0.076	18.58	0.072
15	64QAM	1	37	18.35	0.068	18.80	0.076	18.52	0.071
15	64QAM	1	74	18.33	0.068	18.83	0.076	18.56	0.072
15	64QAM	36	0	17.62	0.058	18.15	0.065	17.85	0.061
15	64QAM	36	20	17.58	0.057	18.15	0.065	17.78	0.060
15	64QAM	36	39	17.51	0.056	18.10	0.065	17.70	0.059
15	64QAM	75	0	17.49	0.056	18.05	0.064	17.70	0.059



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	20.85	0.122	20.88	0.122	20.81	0.121
10	QPSK	1	25	20.65	0.116	20.74	0.119	20.61	0.115
10	QPSK	1	49	20.48	0.112	20.51	0.112	20.50	0.112
10	QPSK	25	0	19.69	0.093	19.73	0.094	19.67	0.093
10	QPSK	25	12	19.52	0.090	19.62	0.092	19.57	0.091
10	QPSK	25	25	19.41	0.087	19.42	0.087	19.48	0.089
10	QPSK	50	0	19.26	0.084	19.31	0.085	19.25	0.084
10	16QAM	1	0	19.73	0.094	19.78	0.095	19.62	0.092
10	16QAM	1	25	19.60	0.091	19.65	0.092	19.43	0.088
10	16QAM	1	49	19.40	0.087	19.50	0.089	19.33	0.086
10	16QAM	25	0	18.56	0.072	18.71	0.074	18.51	0.071
10	16QAM	25	12	18.39	0.069	18.56	0.072	18.34	0.068
10	16QAM	25	25	18.25	0.067	18.42	0.070	18.14	0.065
10	16QAM	50	0	18.04	0.064	18.34	0.068	17.98	0.063
10	64QAM	1	0	18.46	0.070	18.77	0.075	18.49	0.071
10	64QAM	1	25	18.36	0.069	18.73	0.075	18.53	0.071
10	64QAM	1	49	18.30	0.068	18.72	0.074	18.50	0.071
10	64QAM	25	0	17.54	0.057	18.08	0.064	17.74	0.059
10	64QAM	25	12	17.51	0.056	18.05	0.064	17.68	0.059
10	64QAM	25	25	17.49	0.056	18.03	0.064	17.62	0.058
10	64QAM	50	0	17.47	0.056	18.02	0.063	17.58	0.057



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	20.86	0.122	20.89	0.123	20.79	0.120
5	QPSK	1	12	20.63	0.116	20.75	0.119	20.61	0.115
5	QPSK	1	24	20.43	0.110	20.53	0.113	20.49	0.112
5	QPSK	12	0	19.70	0.093	19.76	0.095	19.66	0.092
5	QPSK	12	7	19.48	0.089	19.61	0.091	19.61	0.091
5	QPSK	12	13	19.39	0.087	19.42	0.087	19.43	0.088
5	QPSK	25	0	19.29	0.085	19.29	0.085	19.24	0.084
5	16QAM	1	0	19.71	0.094	19.81	0.096	19.62	0.092
5	16QAM	1	12	19.59	0.091	19.66	0.092	19.40	0.087
5	16QAM	1	24	19.36	0.086	19.51	0.089	19.32	0.086
5	16QAM	12	0	18.54	0.071	18.71	0.074	18.50	0.071
5	16QAM	12	7	18.37	0.069	18.59	0.072	18.34	0.068
5	16QAM	12	13	18.25	0.067	18.42	0.070	18.14	0.065
5	16QAM	25	0	18.00	0.063	18.32	0.068	17.97	0.063
5	64QAM	1	0	18.48	0.070	18.78	0.076	18.49	0.071
5	64QAM	1	12	18.31	0.068	18.76	0.075	18.54	0.071
5	64QAM	1	24	18.31	0.068	18.70	0.074	18.52	0.071
5	64QAM	12	0	17.56	0.057	18.06	0.064	17.76	0.060
5	64QAM	12	7	17.50	0.056	18.07	0.064	17.68	0.059
5	64QAM	12	13	17.45	0.056	18.03	0.064	17.66	0.058
5	64QAM	25	0	17.45	0.056	18.02	0.063	17.59	0.057



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	20.89	0.123	20.92	0.124	20.86	0.122
3	QPSK	1	8	20.71	0.118	20.77	0.119	20.66	0.116
3	QPSK	1	14	20.51	0.112	20.56	0.114	20.51	0.112
3	QPSK	8	0	19.75	0.094	19.78	0.095	19.74	0.094
3	QPSK	8	4	19.58	0.091	19.69	0.093	19.64	0.092
3	QPSK	8	7	19.45	0.088	19.46	0.088	19.53	0.090
3	QPSK	15	0	19.32	0.086	19.37	0.086	19.33	0.086
3	16QAM	1	0	19.80	0.095	19.89	0.097	19.70	0.093
3	16QAM	1	8	19.63	0.092	19.73	0.094	19.48	0.089
3	16QAM	1	14	19.40	0.087	19.54	0.090	19.39	0.087
3	16QAM	8	0	18.58	0.072	18.76	0.075	18.55	0.072
3	16QAM	8	4	18.42	0.070	18.64	0.073	18.42	0.070
3	16QAM	8	7	18.30	0.068	18.51	0.071	18.22	0.066
3	16QAM	15	0	18.11	0.065	18.41	0.069	18.01	0.063
3	64QAM	1	0	18.51	0.071	18.82	0.076	18.55	0.072
3	64QAM	1	8	18.40	0.069	18.81	0.076	18.53	0.071
3	64QAM	1	14	18.32	0.068	18.81	0.076	18.51	0.071
3	64QAM	8	0	17.61	0.058	18.13	0.065	17.85	0.061
3	64QAM	8	4	17.58	0.057	18.13	0.065	17.75	0.060
3	64QAM	8	7	17.50	0.056	18.09	0.064	17.69	0.059
3	64QAM	15	0	17.53	0.057	18.08	0.064	17.70	0.059



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	20.83	0.121	20.87	0.122	20.81	0.121
1.4	QPSK	1	3	20.65	0.116	20.72	0.118	20.65	0.116
1.4	QPSK	1	5	20.48	0.112	20.51	0.112	20.49	0.112
1.4	QPSK	3	0	19.70	0.093	19.70	0.093	19.67	0.093
1.4	QPSK	3	1	19.48	0.089	19.63	0.092	19.61	0.091
1.4	QPSK	3	3	19.40	0.087	19.46	0.088	19.45	0.088
1.4	QPSK	6	0	19.27	0.085	19.29	0.085	19.26	0.084
1.4	16QAM	1	0	19.70	0.093	19.79	0.095	19.67	0.093
1.4	16QAM	1	3	19.58	0.091	19.69	0.093	19.43	0.088
1.4	16QAM	1	5	19.40	0.087	19.51	0.089	19.34	0.086
1.4	16QAM	3	0	18.57	0.072	18.69	0.074	18.50	0.071
1.4	16QAM	3	1	18.37	0.069	18.59	0.072	18.33	0.068
1.4	16QAM	3	3	18.27	0.067	18.43	0.070	18.12	0.065
1.4	16QAM	6	0	18.05	0.064	18.34	0.068	18.01	0.063
1.4	64QAM	1	0	18.49	0.071	18.76	0.075	18.53	0.071
1.4	64QAM	1	3	18.32	0.068	18.78	0.076	18.52	0.071
1.4	64QAM	1	5	18.27	0.067	18.71	0.074	18.48	0.070
1.4	64QAM	3	0	17.58	0.057	18.07	0.064	17.77	0.060
1.4	64QAM	3	1	17.49	0.056	18.03	0.064	17.66	0.058
1.4	64QAM	3	3	17.45	0.056	18.02	0.063	17.65	0.058
1.4	64QAM	6	0	17.47	0.056	18.02	0.063	17.58	0.057



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	20.48	0.112	20.53	0.113	20.47	0.111
20	QPSK	1	49	20.35	0.108	20.31	0.107	20.37	0.109
20	QPSK	1	99	20.14	0.103	20.16	0.104	20.17	0.104
20	QPSK	50	0	19.41	0.087	19.45	0.088	19.43	0.088
20	QPSK	50	24	19.26	0.084	19.27	0.085	19.26	0.084
20	QPSK	50	50	19.12	0.082	19.14	0.082	19.13	0.082
20	QPSK	100	0	18.96	0.079	19.00	0.079	18.98	0.079
20	16QAM	1	0	19.40	0.087	19.35	0.086	19.37	0.086
20	16QAM	1	49	19.20	0.083	19.18	0.083	19.25	0.084
20	16QAM	1	99	19.01	0.080	19.06	0.081	19.14	0.082
20	16QAM	50	0	18.20	0.066	18.27	0.067	18.37	0.069
20	16QAM	50	24	18.08	0.064	18.12	0.065	18.24	0.067
20	16QAM	50	50	17.95	0.062	17.99	0.063	18.08	0.064
20	16QAM	100	0	17.80	0.060	17.81	0.060	17.89	0.062
20	64QAM	1	0	18.28	0.067	18.30	0.068	18.34	0.068
20	64QAM	1	49	18.27	0.067	18.29	0.067	18.33	0.068
20	64QAM	1	99	18.25	0.067	18.22	0.066	18.32	0.068
20	64QAM	50	0	17.56	0.057	17.52	0.056	17.64	0.058
20	64QAM	50	24	17.53	0.057	17.48	0.056	17.61	0.058
20	64QAM	50	50	17.47	0.056	17.44	0.055	17.56	0.057
20	64QAM	100	0	17.46	0.056	17.39	0.055	17.53	0.057



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	20.43	0.110	20.49	0.112	20.43	0.110
15	QPSK	1	37	20.30	0.107	20.27	0.106	20.34	0.108
15	QPSK	1	74	20.05	0.101	20.09	0.102	20.10	0.102
15	QPSK	36	0	19.37	0.086	19.32	0.086	19.38	0.087
15	QPSK	36	20	19.22	0.084	19.19	0.083	19.23	0.084
15	QPSK	36	39	19.07	0.081	19.08	0.081	19.07	0.081
15	QPSK	75	0	18.92	0.078	18.92	0.078	18.92	0.078
15	16QAM	1	0	19.37	0.086	19.27	0.085	19.31	0.085
15	16QAM	1	37	19.15	0.082	19.09	0.081	19.19	0.083
15	16QAM	1	74	18.96	0.079	18.98	0.079	19.08	0.081
15	16QAM	36	0	18.11	0.065	18.24	0.067	18.31	0.068
15	16QAM	36	20	18.01	0.063	18.08	0.064	18.17	0.066
15	16QAM	36	39	17.91	0.062	17.90	0.062	18.00	0.063
15	16QAM	75	0	17.76	0.060	17.74	0.059	17.83	0.061
15	64QAM	1	0	18.25	0.067	18.26	0.067	18.29	0.067
15	64QAM	1	37	18.20	0.066	18.22	0.066	18.28	0.067
15	64QAM	1	74	18.18	0.066	18.19	0.066	18.25	0.067
15	64QAM	36	0	17.49	0.056	17.46	0.056	17.57	0.057
15	64QAM	36	20	17.48	0.056	17.45	0.056	17.57	0.057
15	64QAM	36	39	17.43	0.055	17.36	0.054	17.49	0.056
15	64QAM	75	0	17.40	0.055	17.31	0.054	17.47	0.056



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	20.33	0.108	20.38	0.109	20.37	0.109
10	QPSK	1	25	20.23	0.105	20.25	0.106	20.25	0.106
10	QPSK	1	49	20.07	0.102	20.01	0.100	20.04	0.101
10	QPSK	25	0	19.32	0.086	19.24	0.084	19.31	0.085
10	QPSK	25	12	19.17	0.083	19.17	0.083	19.10	0.081
10	QPSK	25	25	19.01	0.080	18.98	0.079	19.04	0.080
10	QPSK	50	0	18.80	0.076	18.82	0.076	18.89	0.077
10	16QAM	1	0	19.28	0.085	19.23	0.084	19.27	0.085
10	16QAM	1	25	19.11	0.081	19.06	0.081	19.13	0.082
10	16QAM	1	49	18.88	0.077	18.95	0.079	19.00	0.079
10	16QAM	25	0	18.11	0.065	18.18	0.066	18.29	0.067
10	16QAM	25	12	17.97	0.063	18.00	0.063	18.16	0.065
10	16QAM	25	25	17.80	0.060	17.84	0.061	17.96	0.063
10	16QAM	50	0	17.63	0.058	17.71	0.059	17.80	0.060
10	64QAM	1	0	18.20	0.066	18.17	0.066	18.23	0.067
10	64QAM	1	25	18.11	0.065	18.14	0.065	18.23	0.067
10	64QAM	1	49	18.13	0.065	18.10	0.065	18.16	0.065
10	64QAM	25	0	17.45	0.056	17.42	0.055	17.52	0.056
10	64QAM	25	12	17.42	0.055	17.37	0.055	17.54	0.057
10	64QAM	25	25	17.34	0.054	17.32	0.054	17.50	0.056
10	64QAM	50	0	17.31	0.054	17.24	0.053	17.43	0.055



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	20.36	0.109	20.41	0.110	20.37	0.109
5	QPSK	1	12	20.20	0.105	20.22	0.105	20.29	0.107
5	QPSK	1	24	20.04	0.101	20.05	0.101	20.02	0.100
5	QPSK	12	0	19.30	0.085	19.25	0.084	19.31	0.085
5	QPSK	12	7	19.16	0.082	19.19	0.083	19.11	0.081
5	QPSK	12	13	19.00	0.079	19.03	0.080	19.02	0.080
5	QPSK	25	0	18.80	0.076	18.85	0.077	18.88	0.077
5	16QAM	1	0	19.30	0.085	19.20	0.083	19.22	0.084
5	16QAM	1	12	19.08	0.081	19.06	0.081	19.14	0.082
5	16QAM	1	24	18.84	0.077	18.92	0.078	19.05	0.080
5	16QAM	12	0	18.10	0.065	18.15	0.065	18.28	0.067
5	16QAM	12	7	17.93	0.062	18.00	0.063	18.16	0.065
5	16QAM	12	13	17.80	0.060	17.84	0.061	17.94	0.062
5	16QAM	25	0	17.67	0.058	17.71	0.059	17.80	0.060
5	64QAM	1	0	18.17	0.066	18.18	0.066	18.23	0.067
5	64QAM	1	12	18.16	0.065	18.13	0.065	18.25	0.067
5	64QAM	1	24	18.17	0.066	18.05	0.064	18.18	0.066
5	64QAM	12	0	17.47	0.056	17.44	0.055	17.54	0.057
5	64QAM	12	7	17.40	0.055	17.37	0.055	17.49	0.056
5	64QAM	12	13	17.36	0.054	17.28	0.053	17.47	0.056
5	64QAM	25	0	17.29	0.054	17.22	0.053	17.42	0.055



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	20.34	0.108	20.39	0.109	20.36	0.109
3	QPSK	1	8	20.25	0.106	20.20	0.105	20.26	0.106
3	QPSK	1	14	20.08	0.102	20.02	0.100	20.01	0.100
3	QPSK	8	0	19.33	0.086	19.23	0.084	19.32	0.086
3	QPSK	8	4	19.18	0.083	19.19	0.083	19.15	0.082
3	QPSK	8	7	18.98	0.079	19.01	0.080	19.00	0.079
3	QPSK	15	0	18.81	0.076	18.81	0.076	18.88	0.077
3	16QAM	1	0	19.29	0.085	19.21	0.083	19.22	0.084
3	16QAM	1	8	19.10	0.081	19.04	0.080	19.14	0.082
3	16QAM	1	14	18.88	0.077	18.94	0.078	19.02	0.080
3	16QAM	8	0	18.08	0.064	18.20	0.066	18.26	0.067
3	16QAM	8	4	17.93	0.062	18.02	0.063	18.17	0.066
3	16QAM	8	7	17.85	0.061	17.88	0.061	17.93	0.062
3	16QAM	15	0	17.65	0.058	17.68	0.059	17.75	0.060
3	64QAM	1	0	18.19	0.066	18.19	0.066	18.20	0.066
3	64QAM	1	8	18.12	0.065	18.18	0.066	18.22	0.066
3	64QAM	1	14	18.16	0.065	18.09	0.064	18.16	0.065
3	64QAM	8	0	17.45	0.056	17.39	0.055	17.55	0.057
3	64QAM	8	4	17.38	0.055	17.39	0.055	17.54	0.057
3	64QAM	8	7	17.34	0.054	17.27	0.053	17.49	0.056
3	64QAM	15	0	17.31	0.054	17.25	0.053	17.44	0.055



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	20.35	0.108	20.42	0.110	20.34	0.108
1.4	QPSK	1	3	20.25	0.106	20.21	0.105	20.29	0.107
1.4	QPSK	1	5	20.04	0.101	20.06	0.101	20.05	0.101
1.4	QPSK	3	0	19.28	0.085	19.22	0.084	19.31	0.085
1.4	QPSK	3	1	19.15	0.082	19.15	0.082	19.15	0.082
1.4	QPSK	3	3	19.00	0.079	18.98	0.079	19.04	0.080
1.4	QPSK	6	0	18.81	0.076	18.85	0.077	18.89	0.077
1.4	16QAM	1	0	19.32	0.086	19.19	0.083	19.23	0.084
1.4	16QAM	1	3	19.11	0.081	19.06	0.081	19.11	0.081
1.4	16QAM	1	5	18.84	0.077	18.95	0.079	19.05	0.080
1.4	16QAM	3	0	18.07	0.064	18.18	0.066	18.24	0.067
1.4	16QAM	3	1	17.96	0.063	17.99	0.063	18.17	0.066
1.4	16QAM	3	3	17.81	0.060	17.84	0.061	17.95	0.062
1.4	16QAM	6	0	17.65	0.058	17.69	0.059	17.75	0.060
1.4	64QAM	1	0	18.19	0.066	18.19	0.066	18.21	0.066
1.4	64QAM	1	3	18.14	0.065	18.17	0.066	18.24	0.067
1.4	64QAM	1	5	18.13	0.065	18.08	0.064	18.20	0.066
1.4	64QAM	3	0	17.47	0.056	17.42	0.055	17.54	0.057
1.4	64QAM	3	1	17.40	0.055	17.41	0.055	17.52	0.056
1.4	64QAM	3	3	17.35	0.054	17.33	0.054	17.47	0.056
1.4	64QAM	6	0	17.29	0.054	17.27	0.053	17.41	0.055



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	17.91	0.062	17.93	0.062	17.92	0.062
10	QPSK	1	25	17.80	0.060	17.77	0.060	17.72	0.059
10	QPSK	1	49	17.66	0.058	17.57	0.057	17.55	0.057
10	QPSK	25	0	16.87	0.049	16.88	0.049	16.82	0.048
10	QPSK	25	12	16.70	0.047	16.65	0.046	16.57	0.045
10	QPSK	25	25	16.57	0.045	16.46	0.044	16.45	0.044
10	QPSK	50	0	16.46	0.044	16.49	0.045	16.40	0.044
10	16QAM	1	0	16.85	0.048	16.67	0.046	16.66	0.046
10	16QAM	1	25	16.66	0.046	16.53	0.045	16.54	0.045
10	16QAM	1	49	16.48	0.044	16.41	0.044	16.40	0.044
10	16QAM	25	0	15.72	0.037	15.61	0.036	15.56	0.036
10	16QAM	25	12	15.61	0.036	15.42	0.035	15.36	0.034
10	16QAM	25	25	15.49	0.035	15.28	0.034	15.25	0.033
10	16QAM	50	0	15.35	0.034	15.16	0.033	15.14	0.033
10	64QAM	1	0	14.86	0.031	14.70	0.030	14.68	0.029
10	64QAM	1	25	14.77	0.030	14.69	0.029	14.64	0.029
10	64QAM	1	49	14.73	0.030	14.68	0.029	14.61	0.029
10	64QAM	25	0	14.07	0.026	14.05	0.025	13.94	0.025
10	64QAM	25	12	14.04	0.025	14.05	0.025	13.87	0.024
10	64QAM	25	25	13.96	0.025	14.03	0.025	13.85	0.024
10	64QAM	50	0	12.89	0.019	13.00	0.020	12.84	0.019



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	17.86	0.061	17.84	0.061	17.83	0.061
5	QPSK	1	12	17.76	0.060	17.74	0.059	17.68	0.059
5	QPSK	1	24	17.61	0.058	17.53	0.057	17.49	0.056
5	QPSK	12	0	16.79	0.048	16.75	0.047	16.66	0.046
5	QPSK	12	7	16.63	0.046	16.57	0.045	16.50	0.045
5	QPSK	12	13	16.50	0.045	16.39	0.044	16.41	0.044
5	QPSK	25	0	16.40	0.044	16.23	0.042	16.21	0.042
5	16QAM	1	0	16.79	0.048	16.59	0.046	16.58	0.045
5	16QAM	1	12	16.58	0.045	16.48	0.044	16.47	0.044
5	16QAM	1	24	16.40	0.044	16.35	0.043	16.31	0.043
5	16QAM	12	0	15.68	0.037	15.53	0.036	15.48	0.035
5	16QAM	12	7	15.57	0.036	15.34	0.034	15.30	0.034
5	16QAM	12	13	15.43	0.035	15.22	0.033	15.18	0.033
5	16QAM	25	0	15.29	0.034	15.09	0.032	15.09	0.032
5	64QAM	1	0	14.77	0.030	14.67	0.029	14.62	0.029
5	64QAM	1	12	14.73	0.030	14.61	0.029	14.57	0.029
5	64QAM	1	24	14.66	0.029	14.61	0.029	14.55	0.029
5	64QAM	12	0	14.01	0.025	13.96	0.025	13.89	0.024
5	64QAM	12	7	13.99	0.025	14.02	0.025	13.81	0.024
5	64QAM	12	13	13.89	0.024	13.99	0.025	13.79	0.024
5	64QAM	25	0	12.81	0.019	12.95	0.020	12.81	0.019



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	17.79	0.060	17.84	0.061	17.76	0.060
3	QPSK	1	8	17.71	0.059	17.65	0.058	17.61	0.058
3	QPSK	1	14	17.55	0.057	17.46	0.056	17.40	0.055
3	QPSK	8	0	16.79	0.048	16.67	0.046	16.66	0.046
3	QPSK	8	4	16.58	0.045	16.57	0.045	16.42	0.044
3	QPSK	8	7	16.45	0.044	16.38	0.043	16.34	0.043
3	QPSK	15	0	16.34	0.043	16.20	0.042	16.15	0.041
3	16QAM	1	0	16.72	0.047	16.58	0.045	16.58	0.045
3	16QAM	1	8	16.57	0.045	16.40	0.044	16.44	0.044
3	16QAM	1	14	16.42	0.044	16.27	0.042	16.30	0.043
3	16QAM	8	0	15.62	0.036	15.51	0.036	15.42	0.035
3	16QAM	8	4	15.47	0.035	15.27	0.034	15.25	0.033
3	16QAM	8	7	15.36	0.034	15.16	0.033	15.11	0.032
3	16QAM	15	0	15.23	0.033	15.03	0.032	14.98	0.031
3	64QAM	1	0	14.74	0.030	14.56	0.029	14.55	0.029
3	64QAM	1	8	14.64	0.029	14.57	0.029	14.51	0.028
3	64QAM	1	14	14.59	0.029	14.53	0.028	14.45	0.028
3	64QAM	8	0	13.95	0.025	13.97	0.025	13.79	0.024
3	64QAM	8	4	13.96	0.025	13.93	0.025	13.79	0.024
3	64QAM	8	7	13.84	0.024	13.86	0.024	13.74	0.024
3	64QAM	15	0	12.82	0.019	12.90	0.019	12.76	0.019



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	17.77	0.060	17.85	0.061	17.78	0.060
1.4	QPSK	1	3	17.67	0.058	17.62	0.058	17.63	0.058
1.4	QPSK	1	5	17.55	0.057	17.46	0.056	17.45	0.056
1.4	QPSK	3	0	16.74	0.047	16.64	0.046	16.63	0.046
1.4	QPSK	3	1	16.56	0.045	16.56	0.045	16.45	0.044
1.4	QPSK	3	3	16.47	0.044	16.33	0.043	16.38	0.043
1.4	QPSK	6	0	16.36	0.043	16.18	0.041	16.13	0.041
1.4	16QAM	1	0	16.68	0.047	16.54	0.045	16.57	0.045
1.4	16QAM	1	3	16.54	0.045	16.42	0.044	16.44	0.044
1.4	16QAM	1	5	16.38	0.043	16.27	0.042	16.28	0.042
1.4	16QAM	3	0	15.59	0.036	15.48	0.035	15.40	0.035
1.4	16QAM	3	1	15.49	0.035	15.29	0.034	15.29	0.034
1.4	16QAM	3	3	15.37	0.034	15.15	0.033	15.14	0.033
1.4	16QAM	6	0	15.24	0.033	15.01	0.032	15.00	0.032
1.4	64QAM	1	0	14.68	0.029	14.57	0.029	14.54	0.028
1.4	64QAM	1	3	14.67	0.029	14.56	0.029	14.55	0.029
1.4	64QAM	1	5	14.58	0.029	14.55	0.029	14.46	0.028
1.4	64QAM	3	0	13.93	0.025	13.93	0.025	13.78	0.024
1.4	64QAM	3	1	13.93	0.025	13.93	0.025	13.75	0.024
1.4	64QAM	3	3	13.87	0.024	13.88	0.024	13.74	0.024
1.4	64QAM	6	0	12.77	0.019	12.90	0.019	12.76	0.019



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	22.37	0.173	22.41	0.174	22.37	0.173
20	QPSK	1	49	22.23	0.167	22.27	0.169	22.24	0.167
20	QPSK	1	99	22.04	0.160	22.07	0.161	22.13	0.163
20	QPSK	50	0	21.25	0.133	21.37	0.137	21.35	0.136
20	QPSK	50	24	21.11	0.129	21.21	0.132	21.17	0.131
20	QPSK	50	50	20.91	0.123	21.03	0.127	21.00	0.126
20	QPSK	100	0	20.90	0.123	20.93	0.124	20.85	0.122
20	16QAM	1	0	21.21	0.132	21.34	0.136	21.32	0.136
20	16QAM	1	49	21.09	0.129	21.18	0.131	21.15	0.130
20	16QAM	1	99	20.89	0.123	21.07	0.128	20.98	0.125
20	16QAM	50	0	20.06	0.101	20.30	0.107	20.12	0.103
20	16QAM	50	24	19.84	0.096	20.13	0.103	19.92	0.098
20	16QAM	50	50	19.83	0.096	19.95	0.099	19.80	0.095
20	16QAM	100	0	19.80	0.095	19.81	0.096	19.80	0.095
20	64QAM	1	0	19.99	0.100	20.30	0.107	19.96	0.099
20	64QAM	1	49	19.81	0.096	20.29	0.107	19.90	0.098
20	64QAM	1	99	19.80	0.095	20.28	0.107	19.90	0.098
20	64QAM	50	0	19.10	0.081	19.60	0.091	19.23	0.084
20	64QAM	50	24	19.04	0.080	19.54	0.090	19.22	0.084
20	64QAM	50	50	19.00	0.079	19.52	0.090	19.15	0.082
20	64QAM	100	0	18.98	0.079	19.46	0.088	19.13	0.082



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	22.31	0.170	22.35	0.172	22.34	0.171
15	QPSK	1	37	22.17	0.165	22.24	0.167	22.17	0.165
15	QPSK	1	74	21.95	0.157	22.01	0.159	22.06	0.161
15	QPSK	36	0	21.18	0.131	21.29	0.135	21.30	0.135
15	QPSK	36	20	21.04	0.127	21.13	0.130	21.08	0.128
15	QPSK	36	39	20.84	0.121	20.96	0.125	20.95	0.124
15	QPSK	75	0	20.69	0.117	20.78	0.120	20.82	0.121
15	16QAM	1	0	21.16	0.131	21.30	0.135	21.24	0.133
15	16QAM	1	37	21.05	0.127	21.13	0.130	21.10	0.129
15	16QAM	1	74	20.81	0.121	20.99	0.126	20.90	0.123
15	16QAM	36	0	20.02	0.100	20.23	0.105	20.07	0.102
15	16QAM	36	20	19.78	0.095	20.10	0.102	19.88	0.097
15	16QAM	36	39	19.56	0.090	19.87	0.097	19.67	0.093
15	16QAM	75	0	19.48	0.089	19.72	0.094	19.45	0.088
15	64QAM	1	0	19.92	0.098	20.26	0.106	19.87	0.097
15	64QAM	1	37	19.75	0.094	20.26	0.106	19.83	0.096
15	64QAM	1	74	19.72	0.094	20.23	0.105	19.86	0.097
15	64QAM	36	0	19.02	0.080	19.56	0.090	19.19	0.083
15	64QAM	36	20	19.00	0.079	19.49	0.089	19.14	0.082
15	64QAM	36	39	18.95	0.079	19.44	0.088	19.07	0.081
15	64QAM	75	0	18.92	0.078	19.37	0.086	19.08	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				20800		21100		21400	
Frequency (MHz)				2505		2535		2565	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	22.33	0.171	22.35	0.172	22.31	0.170
10	QPSK	1	25	22.14	0.164	22.21	0.166	22.18	0.165
10	QPSK	1	49	21.96	0.157	22.03	0.160	22.06	0.161
10	QPSK	25	0	21.17	0.131	21.29	0.135	21.27	0.134
10	QPSK	25	12	21.06	0.128	21.18	0.131	21.13	0.130
10	QPSK	25	25	20.84	0.121	20.98	0.125	20.93	0.124
10	QPSK	50	0	20.66	0.116	20.83	0.121	20.80	0.120
10	16QAM	1	0	21.13	0.130	21.26	0.134	21.25	0.133
10	16QAM	1	25	21.05	0.127	21.13	0.130	21.11	0.129
10	16QAM	1	49	20.81	0.121	21.00	0.126	20.90	0.123
10	16QAM	25	0	20.00	0.100	20.23	0.105	20.07	0.102
10	16QAM	25	12	19.77	0.095	20.04	0.101	19.87	0.097
10	16QAM	25	25	19.61	0.091	19.88	0.097	19.64	0.092
10	16QAM	50	0	19.47	0.089	19.69	0.093	19.46	0.088
10	64QAM	1	0	19.94	0.099	20.21	0.105	19.90	0.098
10	64QAM	1	25	19.76	0.095	20.24	0.106	19.84	0.096
10	64QAM	1	49	19.72	0.094	20.23	0.105	19.86	0.097
10	64QAM	25	0	19.02	0.080	19.53	0.090	19.17	0.083
10	64QAM	25	12	18.99	0.079	19.47	0.089	19.14	0.082
10	64QAM	25	25	18.95	0.079	19.48	0.089	19.10	0.081
10	64QAM	50	0	18.94	0.078	19.41	0.087	19.07	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	22.23	0.167	22.24	0.167	22.24	0.167
5	QPSK	1	12	22.09	0.162	22.13	0.163	22.13	0.163
5	QPSK	1	24	21.91	0.155	21.96	0.157	21.99	0.158
5	QPSK	12	0	21.15	0.130	21.17	0.131	21.22	0.132
5	QPSK	12	7	20.93	0.124	21.14	0.130	21.05	0.127
5	QPSK	12	13	20.81	0.121	20.92	0.124	20.86	0.122
5	QPSK	25	0	20.65	0.116	20.78	0.120	20.69	0.117
5	16QAM	1	0	21.09	0.129	21.27	0.134	21.16	0.131
5	16QAM	1	12	20.98	0.125	21.07	0.128	21.05	0.127
5	16QAM	1	24	20.75	0.119	20.93	0.124	20.84	0.121
5	16QAM	12	0	19.91	0.098	20.15	0.104	20.02	0.100
5	16QAM	12	7	19.67	0.093	19.99	0.100	19.84	0.096
5	16QAM	12	13	19.53	0.090	19.82	0.096	19.59	0.091
5	16QAM	25	0	19.43	0.088	19.60	0.091	19.33	0.086
5	64QAM	1	0	19.89	0.097	20.17	0.104	19.82	0.096
5	64QAM	1	12	19.67	0.093	20.18	0.104	19.79	0.095
5	64QAM	1	24	19.64	0.092	20.15	0.104	19.76	0.095
5	64QAM	12	0	18.98	0.079	19.52	0.090	19.09	0.081
5	64QAM	12	7	18.91	0.078	19.41	0.087	19.05	0.080
5	64QAM	12	13	18.88	0.077	19.42	0.087	19.07	0.081
5	64QAM	25	0	18.83	0.076	19.32	0.086	18.99	0.079



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	/	/	9.99	0.010	/	/
10	QPSK	1	25	/	/	9.90	0.010	/	/
10	QPSK	1	49	/	/	9.76	0.009	/	/
10	QPSK	25	0	/	/	8.88	0.008	/	/
10	QPSK	25	12	/	/	8.83	0.008	/	/
10	QPSK	25	25	/	/	8.75	0.007	/	/
10	QPSK	50	0	/	/	8.68	0.007	/	/
10	16QAM	1	0	/	/	8.83	0.008	/	/
10	16QAM	1	25	/	/	8.61	0.007	/	/
10	16QAM	1	49	/	/	8.60	0.007	/	/
10	16QAM	25	0	/	/	7.67	0.006	/	/
10	16QAM	25	12	/	/	7.54	0.006	/	/
10	16QAM	25	25	/	/	7.37	0.005	/	/
10	16QAM	50	0	/	/	7.26	0.005	/	/
10	64QAM	1	0	/	/	7.43	0.006	/	/
10	64QAM	1	25	/	/	7.41	0.006	/	/
10	64QAM	1	49	/	/	7.34	0.005	/	/
10	64QAM	25	0	/	/	6.67	0.005	/	/
10	64QAM	25	12	/	/	6.61	0.005	/	/
10	64QAM	25	25	/	/	6.59	0.005	/	/
10	64QAM	50	0	/	/	3.52	0.002	/	/



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	9.86	0.010	9.89	0.010	9.89	0.010
5	QPSK	1	12	9.73	0.009	9.71	0.009	9.79	0.010
5	QPSK	1	24	9.54	0.009	9.51	0.009	9.65	0.009
5	QPSK	12	0	8.84	0.008	8.77	0.008	8.98	0.008
5	QPSK	12	7	8.66	0.007	8.62	0.007	8.80	0.008
5	QPSK	12	13	8.43	0.007	8.41	0.007	8.61	0.007
5	QPSK	25	0	8.31	0.007	8.22	0.007	8.43	0.007
5	16QAM	1	0	8.68	0.007	8.73	0.007	8.80	0.008
5	16QAM	1	12	8.49	0.007	8.51	0.007	8.64	0.007
5	16QAM	1	24	8.31	0.007	8.34	0.007	8.51	0.007
5	16QAM	12	0	7.52	0.006	7.55	0.006	7.71	0.006
5	16QAM	12	7	7.34	0.005	7.46	0.006	7.56	0.006
5	16QAM	12	13	7.20	0.005	7.23	0.005	7.43	0.006
5	16QAM	25	0	7.00	0.005	7.13	0.005	7.25	0.005
5	64QAM	1	0	7.16	0.005	7.31	0.005	7.41	0.006
5	64QAM	1	12	7.16	0.005	7.27	0.005	7.36	0.005
5	64QAM	1	24	7.11	0.005	7.23	0.005	7.30	0.005
5	64QAM	12	0	6.50	0.004	6.53	0.004	6.65	0.005
5	64QAM	12	7	6.43	0.004	6.50	0.004	6.54	0.005
5	64QAM	12	13	6.36	0.004	6.46	0.004	6.54	0.005
5	64QAM	25	0	3.35	0.002	3.37	0.002	3.49	0.002



LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26865		26915		26965	
Frequency (MHz)				831.5		836.5		841.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	17.27	0.053	17.09	0.051	16.89	0.049
15	QPSK	1	37	17.12	0.052	17.08	0.051	17.11	0.051
15	QPSK	1	74	17.25	0.053	17.21	0.053	16.98	0.050
15	QPSK	36	0	16.13	0.041	16.15	0.041	16.07	0.040
15	QPSK	36	20	16.15	0.041	15.97	0.040	16.02	0.040
15	QPSK	36	39	16.07	0.040	16.11	0.041	16.07	0.040
15	QPSK	75	0	16.21	0.042	16.04	0.040	16.04	0.040
15	16QAM	1	0	14.45	0.028	16.29	0.043	16.37	0.043
15	16QAM	1	37	15.57	0.036	16.04	0.040	16.19	0.042
15	16QAM	1	74	16.15	0.041	16.03	0.040	15.96	0.039
15	16QAM	36	0	15.11	0.032	15.09	0.032	15.07	0.032
15	16QAM	36	20	15.34	0.034	15.06	0.032	15.11	0.032
15	16QAM	36	39	15.41	0.035	15.21	0.033	14.95	0.031
15	16QAM	75	0	15.31	0.034	15.19	0.033	15.19	0.033
15	64QAM	1	0	13.90	0.025	14.07	0.026	14.35	0.027
15	64QAM	1	37	13.96	0.025	14.17	0.026	13.73	0.024
15	64QAM	1	74	13.84	0.024	13.51	0.022	13.44	0.022
15	64QAM	36	0	12.23	0.017	12.47	0.018	12.38	0.017
15	64QAM	36	20	12.14	0.016	12.39	0.017	12.27	0.017
15	64QAM	36	39	12.13	0.016	12.31	0.017	12.03	0.016
15	64QAM	75	0	11.99	0.016	12.34	0.017	12.17	0.016



LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26840		26915		26990	
Frequency (MHz)				829.0		836.5		844.0	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	17.26	0.053	17.33	0.054	16.91	0.049
10	QPSK	1	25	17.45	0.056	17.35	0.054	17.16	0.052
10	QPSK	1	49	17.38	0.055	17.21	0.053	17.33	0.054
10	QPSK	25	0	16.16	0.041	16.11	0.041	16.14	0.041
10	QPSK	25	12	16.15	0.041	16.08	0.041	16.11	0.041
10	QPSK	25	25	15.80	0.038	16.07	0.040	16.08	0.041
10	QPSK	50	0	16.14	0.041	16.10	0.041	16.06	0.040
10	16QAM	1	0	16.30	0.043	15.95	0.039	16.07	0.040
10	16QAM	1	25	16.48	0.044	16.25	0.042	16.17	0.041
10	16QAM	1	49	16.00	0.040	16.03	0.040	16.10	0.041
10	16QAM	25	0	15.36	0.034	15.35	0.034	15.36	0.034
10	16QAM	25	12	15.44	0.035	14.57	0.029	14.50	0.028
10	16QAM	25	25	15.48	0.035	14.90	0.031	15.33	0.034
10	16QAM	50	0	15.22	0.033	15.13	0.033	15.10	0.032
10	64QAM	1	0	13.60	0.023	13.38	0.022	13.87	0.024
10	64QAM	1	25	13.82	0.024	13.70	0.023	13.87	0.024
10	64QAM	1	49	14.17	0.026	13.76	0.024	13.58	0.023
10	64QAM	25	0	11.94	0.016	11.73	0.015	12.01	0.016
10	64QAM	25	12	11.93	0.016	11.90	0.015	12.16	0.016
10	64QAM	25	25	12.21	0.017	12.01	0.016	11.96	0.016
10	64QAM	50	0	12.02	0.016	11.90	0.015	12.02	0.016



LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26815		26915		27015	
Frequency (MHz)				826.5		836.5		846.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	17.25	0.053	17.10	0.051	17.05	0.051
5	QPSK	1	12	17.37	0.055	17.40	0.055	17.36	0.054
5	QPSK	1	24	17.34	0.054	17.30	0.054	17.08	0.051
5	QPSK	12	0	16.01	0.040	16.22	0.042	16.00	0.040
5	QPSK	12	7	16.11	0.041	16.06	0.040	16.07	0.040
5	QPSK	12	13	16.05	0.040	16.09	0.041	16.07	0.040
5	QPSK	25	0	16.24	0.042	16.08	0.041	16.09	0.041
5	16QAM	1	0	16.54	0.045	16.58	0.045	16.53	0.045
5	16QAM	1	12	16.12	0.041	16.33	0.043	15.96	0.039
5	16QAM	1	24	16.26	0.042	16.01	0.040	16.49	0.045
5	16QAM	12	0	15.42	0.035	15.40	0.035	15.27	0.034
5	16QAM	12	7	15.33	0.034	15.21	0.033	15.27	0.034
5	16QAM	12	13	15.23	0.033	15.22	0.033	15.18	0.033
5	16QAM	25	0	15.39	0.035	15.05	0.032	15.33	0.034
5	64QAM	1	0	13.97	0.025	13.31	0.021	13.77	0.024
5	64QAM	1	12	14.37	0.027	13.90	0.025	14.10	0.026
5	64QAM	1	24	13.74	0.024	13.37	0.022	13.40	0.022
5	64QAM	12	0	12.60	0.018	12.10	0.016	12.41	0.017
5	64QAM	12	7	12.70	0.019	12.29	0.017	12.47	0.018
5	64QAM	12	13	12.54	0.018	12.13	0.016	12.22	0.017
5	64QAM	25	0	12.61	0.018	12.17	0.016	12.27	0.017



LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26805		26915		27025	
Frequency (MHz)				825.5		836.5		847.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	17.33	0.054	17.12	0.052	17.12	0.052
3	QPSK	1	8	17.31	0.054	17.16	0.052	17.14	0.052
3	QPSK	1	14	17.22	0.053	16.98	0.050	16.88	0.049
3	QPSK	8	0	16.21	0.042	15.42	0.035	16.12	0.041
3	QPSK	8	4	16.17	0.041	16.06	0.040	16.12	0.041
3	QPSK	8	7	16.06	0.040	16.09	0.041	16.13	0.041
3	QPSK	15	0	16.11	0.041	16.08	0.041	16.10	0.041
3	16QAM	1	0	13.68	0.023	15.93	0.039	16.21	0.042
3	16QAM	1	8	16.14	0.041	15.72	0.037	16.06	0.040
3	16QAM	1	14	16.01	0.040	16.02	0.040	16.15	0.041
3	16QAM	8	0	15.51	0.036	15.49	0.035	15.34	0.034
3	16QAM	8	4	15.66	0.037	15.09	0.032	15.23	0.033
3	16QAM	8	7	15.17	0.033	14.98	0.031	14.83	0.030
3	16QAM	15	0	15.34	0.034	15.24	0.033	15.09	0.032
3	64QAM	1	0	13.87	0.024	13.86	0.024	13.82	0.024
3	64QAM	1	8	14.05	0.025	13.97	0.025	13.94	0.025
3	64QAM	1	14	13.82	0.024	13.78	0.024	13.63	0.023
3	64QAM	8	0	12.25	0.017	12.25	0.017	12.35	0.017
3	64QAM	8	4	12.19	0.017	12.28	0.017	12.23	0.017
3	64QAM	8	7	12.27	0.017	12.25	0.017	12.26	0.017
3	64QAM	15	0	12.27	0.017	12.27	0.017	12.35	0.017



LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26797		26915		27033	
Frequency (MHz)				824.7		836.5		848.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	17.30	0.054	17.26	0.053	16.55	0.045
1.4	QPSK	1	3	17.29	0.054	17.28	0.053	16.65	0.046
1.4	QPSK	1	5	17.18	0.052	16.93	0.049	16.70	0.047
1.4	QPSK	3	0	17.09	0.051	17.09	0.051	17.05	0.051
1.4	QPSK	3	1	17.08	0.051	16.92	0.049	17.01	0.050
1.4	QPSK	3	3	17.21	0.053	17.05	0.051	17.06	0.051
1.4	QPSK	6	0	16.08	0.041	16.07	0.040	16.11	0.041
1.4	16QAM	1	0	16.08	0.041	16.81	0.048	16.00	0.040
1.4	16QAM	1	3	15.35	0.034	16.15	0.041	16.18	0.041
1.4	16QAM	1	5	13.91	0.025	15.45	0.035	16.20	0.042
1.4	16QAM	3	0	16.21	0.042	16.19	0.042	16.29	0.043
1.4	16QAM	3	1	16.34	0.043	16.21	0.042	16.25	0.042
1.4	16QAM	3	3	16.16	0.041	16.06	0.040	16.27	0.042
1.4	16QAM	6	0	15.11	0.032	14.85	0.031	14.98	0.031
1.4	64QAM	1	0	13.63	0.023	13.99	0.025	13.58	0.023
1.4	64QAM	1	3	13.62	0.023	14.32	0.027	13.54	0.023
1.4	64QAM	1	5	13.43	0.022	14.11	0.026	13.44	0.022
1.4	64QAM	3	0	13.63	0.023	14.30	0.027	13.67	0.023
1.4	64QAM	3	1	13.77	0.024	14.36	0.027	13.69	0.023
1.4	64QAM	3	3	13.54	0.023	14.22	0.026	13.50	0.022
1.4	64QAM	6	0	11.84	0.015	12.25	0.017	11.62	0.015



LTE Band 38				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				37850		38000		38150	
Frequency (MHz)				2580		2595		2610	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	23.02	0.200	23.12	0.205	23.10	0.204
20	QPSK	1	49	22.81	0.191	22.97	0.198	22.92	0.196
20	QPSK	1	99	22.69	0.186	22.81	0.191	22.74	0.188
20	QPSK	50	0	21.95	0.157	22.07	0.161	21.96	0.157
20	QPSK	50	24	21.78	0.151	21.85	0.153	21.75	0.150
20	QPSK	50	50	21.63	0.146	21.71	0.148	21.63	0.146
20	QPSK	100	0	21.48	0.141	21.54	0.143	21.42	0.139
20	16QAM	1	0	21.90	0.155	22.02	0.159	21.88	0.154
20	16QAM	1	49	21.77	0.150	21.80	0.151	21.75	0.150
20	16QAM	1	99	21.57	0.144	21.69	0.148	21.55	0.143
20	16QAM	50	0	20.73	0.118	20.89	0.123	20.69	0.117
20	16QAM	50	24	20.55	0.114	20.77	0.119	20.48	0.112
20	16QAM	50	50	20.44	0.111	20.60	0.115	20.34	0.108
20	16QAM	100	0	20.27	0.106	20.45	0.111	20.18	0.104
20	64QAM	1	0	19.81	0.096	19.99	0.100	19.62	0.092
20	64QAM	1	49	19.72	0.094	19.94	0.099	19.54	0.090
20	64QAM	1	99	19.71	0.094	19.90	0.098	19.51	0.089
20	64QAM	50	0	19.07	0.081	19.24	0.084	18.83	0.076
20	64QAM	50	24	19.03	0.080	19.18	0.083	18.81	0.076
20	64QAM	50	50	19.01	0.080	19.11	0.081	18.75	0.075
20	64QAM	100	0	18.99	0.079	19.07	0.081	18.73	0.075



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	22.97	0.198	23.04	0.201	23.05	0.202
15	QPSK	1	37	22.77	0.189	22.92	0.196	22.88	0.194
15	QPSK	1	74	22.66	0.185	22.74	0.188	22.70	0.186
15	QPSK	36	0	21.84	0.153	22.04	0.160	21.88	0.154
15	QPSK	36	20	21.71	0.148	21.81	0.152	21.67	0.147
15	QPSK	36	39	21.57	0.144	21.64	0.146	21.58	0.144
15	QPSK	75	0	21.44	0.139	21.45	0.140	21.37	0.137
15	16QAM	1	0	21.83	0.152	21.97	0.157	21.82	0.152
15	16QAM	1	37	21.74	0.149	21.74	0.149	21.72	0.149
15	16QAM	1	74	21.53	0.142	21.66	0.147	21.46	0.140
15	16QAM	36	0	20.69	0.117	20.82	0.121	20.61	0.115
15	16QAM	36	20	20.48	0.112	20.70	0.117	20.43	0.110
15	16QAM	36	39	20.38	0.109	20.56	0.114	20.26	0.106
15	16QAM	75	0	20.21	0.105	20.37	0.109	20.12	0.103
15	64QAM	1	0	19.77	0.095	19.95	0.099	19.56	0.090
15	64QAM	1	37	19.64	0.092	19.86	0.097	19.48	0.089
15	64QAM	1	74	19.62	0.092	19.84	0.096	19.44	0.088
15	64QAM	36	0	19.03	0.080	19.19	0.083	18.75	0.075
15	64QAM	36	20	18.99	0.079	19.15	0.082	18.72	0.074
15	64QAM	36	39	18.95	0.079	19.04	0.080	18.69	0.074
15	64QAM	75	0	18.90	0.078	19.01	0.080	18.70	0.074



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	22.88	0.194	22.99	0.199	22.96	0.198
10	QPSK	1	25	22.68	0.185	22.82	0.191	22.78	0.190
10	QPSK	1	49	22.58	0.181	22.68	0.185	22.62	0.183
10	QPSK	25	0	21.76	0.150	21.98	0.158	21.84	0.153
10	QPSK	25	12	21.67	0.147	21.72	0.149	21.61	0.145
10	QPSK	25	25	21.49	0.141	21.63	0.146	21.47	0.140
10	QPSK	50	0	21.36	0.137	21.39	0.138	21.32	0.136
10	16QAM	1	0	21.79	0.151	21.90	0.155	21.79	0.151
10	16QAM	1	25	21.65	0.146	21.68	0.147	21.65	0.146
10	16QAM	1	49	21.40	0.138	21.60	0.145	21.43	0.139
10	16QAM	25	0	20.64	0.116	20.78	0.120	20.61	0.115
10	16QAM	25	12	20.44	0.111	20.64	0.116	20.37	0.109
10	16QAM	25	25	20.36	0.109	20.47	0.111	20.23	0.105
10	16QAM	50	0	20.15	0.104	20.33	0.108	20.02	0.100
10	64QAM	1	0	19.65	0.092	19.89	0.097	19.52	0.090
10	64QAM	1	25	19.59	0.091	19.80	0.095	19.46	0.088
10	64QAM	1	49	19.61	0.091	19.79	0.095	19.40	0.087
10	64QAM	25	0	18.92	0.078	19.08	0.081	18.74	0.075
10	64QAM	25	12	18.87	0.077	19.07	0.081	18.71	0.074
10	64QAM	25	25	18.89	0.077	19.02	0.080	18.65	0.073
10	64QAM	50	0	18.88	0.077	19.00	0.079	18.60	0.072



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	22.89	0.195	23.01	0.200	22.98	0.199
5	QPSK	1	12	22.67	0.185	22.81	0.191	22.82	0.191
5	QPSK	1	24	22.61	0.182	22.65	0.184	22.61	0.182
5	QPSK	12	0	21.75	0.150	21.95	0.157	21.85	0.153
5	QPSK	12	7	21.62	0.145	21.77	0.150	21.62	0.145
5	QPSK	12	13	21.48	0.141	21.62	0.145	21.52	0.142
5	QPSK	25	0	21.35	0.136	21.40	0.138	21.31	0.135
5	16QAM	1	0	21.78	0.151	21.89	0.155	21.75	0.150
5	16QAM	1	12	21.65	0.146	21.69	0.148	21.61	0.145
5	16QAM	1	24	21.41	0.138	21.56	0.143	21.44	0.139
5	16QAM	12	0	20.66	0.116	20.79	0.120	20.61	0.115
5	16QAM	12	7	20.45	0.111	20.63	0.116	20.39	0.109
5	16QAM	12	13	20.33	0.108	20.49	0.112	20.24	0.106
5	16QAM	25	0	20.15	0.104	20.37	0.109	20.07	0.102
5	64QAM	1	0	19.68	0.093	19.89	0.097	19.54	0.090
5	64QAM	1	12	19.59	0.091	19.80	0.095	19.46	0.088
5	64QAM	1	24	19.63	0.092	19.77	0.095	19.36	0.086
5	64QAM	12	0	18.93	0.078	19.11	0.081	18.73	0.075
5	64QAM	12	7	18.87	0.077	19.10	0.081	18.68	0.074
5	64QAM	12	13	18.92	0.078	19.00	0.079	18.63	0.073
5	64QAM	25	0	18.83	0.076	18.97	0.079	18.58	0.072



LTE Band 41				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				40140		40640		41140	
Frequency (MHz)				2545		2595		2645	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	23.20	0.209	23.22	0.210	23.09	0.204
20	QPSK	1	49	23.03	0.201	23.11	0.205	22.89	0.195
20	QPSK	1	99	22.81	0.191	22.97	0.198	22.78	0.190
20	QPSK	50	0	22.04	0.160	22.16	0.164	22.07	0.161
20	QPSK	50	24	21.94	0.156	22.01	0.159	21.88	0.154
20	QPSK	50	50	21.82	0.152	21.89	0.155	21.69	0.148
20	QPSK	100	0	21.64	0.146	21.76	0.150	21.52	0.142
20	16QAM	1	0	22.11	0.163	22.22	0.167	21.92	0.156
20	16QAM	1	49	21.95	0.157	22.04	0.160	21.81	0.152
20	16QAM	1	99	21.80	0.151	21.85	0.153	21.60	0.145
20	16QAM	50	0	21.03	0.127	21.04	0.127	20.77	0.119
20	16QAM	50	24	20.82	0.121	20.90	0.123	20.61	0.115
20	16QAM	50	50	20.70	0.117	20.78	0.120	20.41	0.110
20	16QAM	100	0	20.53	0.113	20.59	0.115	20.30	0.107
20	64QAM	1	0	19.71	0.094	19.75	0.094	19.48	0.089
20	64QAM	1	49	19.68	0.093	19.74	0.094	19.47	0.089
20	64QAM	1	99	19.64	0.092	19.67	0.093	19.45	0.088
20	64QAM	50	0	18.94	0.078	19.03	0.080	18.81	0.076
20	64QAM	50	24	18.90	0.078	18.99	0.079	18.80	0.076
20	64QAM	50	50	18.86	0.077	18.92	0.078	18.78	0.076
20	64QAM	100	0	18.79	0.076	18.90	0.078	18.75	0.075



LTE Band 41				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				40115		40640		41165	
Frequency (MHz)				2542.5		2595		2647.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	23.17	0.207	23.19	0.208	23.03	0.201
15	QPSK	1	37	22.97	0.198	23.06	0.202	22.91	0.195
15	QPSK	1	74	22.73	0.187	22.94	0.197	22.69	0.186
15	QPSK	36	0	21.96	0.157	22.08	0.161	21.98	0.158
15	QPSK	36	20	21.87	0.154	21.92	0.156	21.75	0.150
15	QPSK	36	39	21.75	0.150	21.84	0.153	21.63	0.146
15	QPSK	75	0	21.61	0.145	21.70	0.148	21.45	0.140
15	16QAM	1	0	22.04	0.160	22.16	0.164	21.80	0.151
15	16QAM	1	37	21.91	0.155	21.99	0.158	21.79	0.151
15	16QAM	1	74	21.75	0.150	21.77	0.150	21.50	0.141
15	16QAM	36	0	20.98	0.125	20.99	0.126	20.77	0.119
15	16QAM	36	20	20.77	0.119	20.85	0.122	20.59	0.115
15	16QAM	36	39	20.61	0.115	20.69	0.117	20.49	0.112
15	16QAM	75	0	20.49	0.112	20.56	0.114	20.30	0.107
15	64QAM	1	0	19.62	0.092	19.71	0.094	19.56	0.090
15	64QAM	1	37	19.62	0.092	19.71	0.094	19.49	0.089
15	64QAM	1	74	19.55	0.090	19.63	0.092	19.39	0.087
15	64QAM	36	0	18.91	0.078	18.95	0.079	18.71	0.074
15	64QAM	36	20	18.83	0.076	18.93	0.078	18.73	0.075
15	64QAM	36	39	18.80	0.076	18.87	0.077	18.66	0.073
15	64QAM	75	0	18.72	0.074	18.81	0.076	18.57	0.072



LTE Band 41				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				40090		40640		41190	
Frequency (MHz)				2540		2595		2650	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	23.12	0.205	23.09	0.204	23.10	0.204
10	QPSK	1	25	22.89	0.195	22.94	0.197	22.99	0.199
10	QPSK	1	49	22.70	0.186	22.68	0.185	22.85	0.193
10	QPSK	25	0	21.91	0.155	21.90	0.155	22.00	0.158
10	QPSK	25	12	21.81	0.152	21.82	0.152	21.87	0.154
10	QPSK	25	25	21.70	0.148	21.72	0.149	21.80	0.151
10	QPSK	50	0	21.56	0.143	21.55	0.143	21.65	0.146
10	16QAM	1	0	21.98	0.158	21.95	0.157	22.08	0.161
10	16QAM	1	25	21.84	0.153	21.85	0.153	21.90	0.155
10	16QAM	1	49	21.72	0.149	21.71	0.148	21.70	0.148
10	16QAM	25	0	20.94	0.124	20.94	0.124	20.96	0.125
10	16QAM	25	12	20.70	0.117	20.73	0.118	20.81	0.121
10	16QAM	25	25	20.53	0.113	20.57	0.114	20.61	0.115
10	16QAM	50	0	20.43	0.110	20.45	0.111	20.52	0.113
10	64QAM	1	0	19.57	0.091	19.55	0.090	19.65	0.092
10	64QAM	1	25	19.53	0.090	19.58	0.091	19.65	0.092
10	64QAM	1	49	19.50	0.089	19.51	0.089	19.57	0.091
10	64QAM	25	0	18.86	0.077	18.85	0.077	18.87	0.077
10	64QAM	25	12	18.79	0.076	18.78	0.076	18.84	0.077
10	64QAM	25	25	18.76	0.075	18.74	0.075	18.81	0.076
10	64QAM	50	0	18.66	0.073	18.64	0.073	18.72	0.074



LTE Band 41				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				40065		40640		41215	
Frequency (MHz)				2537.5		2595		2652.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	23.10	0.204	23.11	0.205	23.14	0.206
5	QPSK	1	12	22.90	0.195	22.92	0.196	22.98	0.199
5	QPSK	1	24	22.68	0.185	22.65	0.184	22.88	0.194
5	QPSK	12	0	21.88	0.154	21.88	0.154	22.00	0.158
5	QPSK	12	7	21.84	0.153	21.79	0.151	21.84	0.153
5	QPSK	12	13	21.67	0.147	21.69	0.148	21.77	0.150
5	QPSK	25	0	21.58	0.144	21.58	0.144	21.63	0.146
5	16QAM	1	0	21.98	0.158	21.99	0.158	22.09	0.162
5	16QAM	1	12	21.82	0.152	21.83	0.152	21.95	0.157
5	16QAM	1	24	21.71	0.148	21.68	0.147	21.71	0.148
5	16QAM	12	0	20.91	0.123	20.91	0.123	20.95	0.124
5	16QAM	12	7	20.70	0.117	20.69	0.117	20.78	0.120
5	16QAM	12	13	20.56	0.114	20.53	0.113	20.66	0.116
5	16QAM	25	0	20.40	0.110	20.41	0.110	20.47	0.111
5	64QAM	1	0	19.57	0.091	19.59	0.091	19.66	0.092
5	64QAM	1	12	19.54	0.090	19.56	0.090	19.65	0.092
5	64QAM	1	24	19.51	0.089	19.47	0.089	19.55	0.090
5	64QAM	12	0	18.83	0.076	18.85	0.077	18.86	0.077
5	64QAM	12	7	18.75	0.075	18.78	0.076	18.85	0.077
5	64QAM	12	13	18.72	0.074	18.76	0.075	18.81	0.076
5	64QAM	25	0	18.64	0.073	18.64	0.073	18.73	0.075



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				132072		132322		132572	
Frequency (MHz)				1720		1745		1770	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	20.96	0.125	20.97	0.125	20.91	0.123
20	QPSK	1	49	20.83	0.121	20.80	0.120	20.76	0.119
20	QPSK	1	99	20.69	0.117	20.63	0.116	20.59	0.115
20	QPSK	50	0	19.92	0.098	19.94	0.099	19.86	0.097
20	QPSK	50	24	19.78	0.095	19.69	0.093	19.71	0.094
20	QPSK	50	50	19.59	0.091	19.54	0.090	19.60	0.091
20	QPSK	100	0	19.41	0.087	19.46	0.088	19.43	0.088
20	16QAM	1	0	19.82	0.096	19.85	0.097	19.87	0.097
20	16QAM	1	49	19.69	0.093	19.70	0.093	19.70	0.093
20	16QAM	1	99	19.57	0.091	19.49	0.089	19.49	0.089
20	16QAM	50	0	18.71	0.074	18.68	0.074	18.74	0.075
20	16QAM	50	24	18.58	0.072	18.53	0.071	18.57	0.072
20	16QAM	50	50	18.44	0.070	18.43	0.070	18.46	0.070
20	16QAM	100	0	18.31	0.068	18.26	0.067	18.35	0.068
20	64QAM	1	0	17.81	0.060	17.79	0.060	17.81	0.060
20	64QAM	1	49	17.71	0.059	17.74	0.059	17.77	0.060
20	64QAM	1	99	17.70	0.059	17.74	0.059	17.74	0.059
20	64QAM	50	0	17.01	0.050	17.06	0.051	17.09	0.051
20	64QAM	50	24	16.94	0.049	17.05	0.051	17.06	0.051
20	64QAM	50	50	16.89	0.049	17.04	0.051	16.98	0.050
20	64QAM	100	0	16.88	0.049	17.04	0.051	16.92	0.049



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	20.93	0.124	20.91	0.123	20.93	0.124
15	QPSK	1	37	20.78	0.120	20.72	0.118	20.72	0.118
15	QPSK	1	74	20.64	0.116	20.55	0.114	20.55	0.114
15	QPSK	36	0	19.88	0.097	19.76	0.095	19.77	0.095
15	QPSK	36	20	19.71	0.094	19.65	0.092	19.66	0.092
15	QPSK	36	39	19.54	0.090	19.47	0.089	19.55	0.090
15	QPSK	75	0	19.34	0.086	19.37	0.086	19.36	0.086
15	16QAM	1	0	19.78	0.095	19.81	0.096	19.81	0.096
15	16QAM	1	37	19.64	0.092	19.66	0.092	19.65	0.092
15	16QAM	1	74	19.53	0.090	19.40	0.087	19.40	0.087
15	16QAM	36	0	18.63	0.073	18.65	0.073	18.69	0.074
15	16QAM	36	20	18.53	0.071	18.48	0.070	18.52	0.071
15	16QAM	36	39	18.40	0.069	18.38	0.069	18.40	0.069
15	16QAM	75	0	18.24	0.067	18.21	0.066	18.30	0.068
15	64QAM	1	0	17.75	0.060	17.74	0.059	17.73	0.059
15	64QAM	1	37	17.65	0.058	17.70	0.059	17.70	0.059
15	64QAM	1	74	17.64	0.058	17.66	0.058	17.69	0.059
15	64QAM	36	0	16.96	0.050	17.03	0.050	17.05	0.051
15	64QAM	36	20	16.91	0.049	16.96	0.050	17.02	0.050
15	64QAM	36	39	16.85	0.048	17.00	0.050	16.93	0.049
15	64QAM	75	0	16.80	0.048	16.96	0.050	16.86	0.049



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	20.86	0.122	20.90	0.123	20.86	0.122
10	QPSK	1	25	20.75	0.119	20.70	0.117	20.65	0.116
10	QPSK	1	49	20.54	0.113	20.50	0.112	20.46	0.111
10	QPSK	25	0	19.80	0.095	19.69	0.093	19.73	0.094
10	QPSK	25	12	19.63	0.092	19.63	0.092	19.61	0.091
10	QPSK	25	25	19.48	0.089	19.42	0.087	19.51	0.089
10	QPSK	50	0	19.26	0.084	19.29	0.085	19.34	0.086
10	16QAM	1	0	19.69	0.093	19.70	0.093	19.76	0.095
10	16QAM	1	25	19.58	0.091	19.60	0.091	19.54	0.090
10	16QAM	1	49	19.42	0.087	19.40	0.087	19.37	0.086
10	16QAM	25	0	18.58	0.072	18.55	0.072	18.63	0.073
10	16QAM	25	12	18.49	0.071	18.45	0.070	18.45	0.070
10	16QAM	25	25	18.34	0.068	18.26	0.067	18.34	0.068
10	16QAM	50	0	18.17	0.066	18.12	0.065	18.18	0.066
10	64QAM	1	0	17.69	0.059	17.68	0.059	17.68	0.059
10	64QAM	1	25	17.60	0.058	17.61	0.058	17.68	0.059
10	64QAM	1	49	17.61	0.058	17.62	0.058	17.59	0.057
10	64QAM	25	0	16.85	0.048	16.95	0.050	16.99	0.050
10	64QAM	25	12	16.85	0.048	16.91	0.049	16.94	0.049
10	64QAM	25	25	16.81	0.048	16.93	0.049	16.83	0.048
10	64QAM	50	0	16.80	0.048	16.94	0.049	16.79	0.048



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				131997		132322		132647	
Frequency (MHz)				1712.5		1745		1777.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	20.88	0.122	20.89	0.123	20.88	0.122
5	QPSK	1	12	20.75	0.119	20.65	0.116	20.67	0.117
5	QPSK	1	24	20.53	0.113	20.52	0.113	20.48	0.112
5	QPSK	12	0	19.81	0.096	19.69	0.093	19.74	0.094
5	QPSK	12	7	19.64	0.092	19.59	0.091	19.60	0.091
5	QPSK	12	13	19.45	0.088	19.40	0.087	19.50	0.089
5	QPSK	25	0	19.28	0.085	19.32	0.086	19.31	0.085
5	16QAM	1	0	19.67	0.093	19.68	0.093	19.72	0.094
5	16QAM	1	12	19.60	0.091	19.59	0.091	19.56	0.090
5	16QAM	1	24	19.41	0.087	19.39	0.087	19.38	0.087
5	16QAM	12	0	18.62	0.073	18.58	0.072	18.64	0.073
5	16QAM	12	7	18.49	0.071	18.40	0.069	18.43	0.070
5	16QAM	12	13	18.35	0.068	18.30	0.068	18.33	0.068
5	16QAM	25	0	18.21	0.066	18.10	0.065	18.24	0.067
5	64QAM	1	0	17.65	0.058	17.69	0.059	17.73	0.059
5	64QAM	1	12	17.60	0.058	17.59	0.057	17.70	0.059
5	64QAM	1	24	17.61	0.058	17.61	0.058	17.61	0.058
5	64QAM	12	0	16.88	0.049	16.97	0.050	16.96	0.050
5	64QAM	12	7	16.85	0.048	16.88	0.049	16.95	0.050
5	64QAM	12	13	16.79	0.048	16.96	0.050	16.83	0.048
5	64QAM	25	0	16.79	0.048	16.92	0.049	16.76	0.047



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				131987		132322		132657	
Frequency (MHz)				1711.5		1745		1778.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	20.87	0.122	20.86	0.122	20.89	0.123
3	QPSK	1	8	20.70	0.117	20.67	0.117	20.67	0.117
3	QPSK	1	14	20.56	0.114	20.53	0.113	20.46	0.111
3	QPSK	8	0	19.78	0.095	19.71	0.094	19.73	0.094
3	QPSK	8	4	19.64	0.092	19.62	0.092	19.63	0.092
3	QPSK	8	7	19.45	0.088	19.43	0.088	19.49	0.089
3	QPSK	15	0	19.27	0.085	19.33	0.086	19.33	0.086
3	16QAM	1	0	19.67	0.093	19.73	0.094	19.72	0.094
3	16QAM	1	8	19.60	0.091	19.55	0.090	19.57	0.091
3	16QAM	1	14	19.42	0.087	19.39	0.087	19.36	0.086
3	16QAM	8	0	18.58	0.072	18.58	0.072	18.64	0.073
3	16QAM	8	4	18.50	0.071	18.43	0.070	18.44	0.070
3	16QAM	8	7	18.34	0.068	18.30	0.068	18.35	0.068
3	16QAM	15	0	18.23	0.067	18.11	0.065	18.20	0.066
3	64QAM	1	0	17.69	0.059	17.69	0.059	17.69	0.059
3	64QAM	1	8	17.61	0.058	17.62	0.058	17.68	0.059
3	64QAM	1	14	17.63	0.058	17.59	0.057	17.60	0.058
3	64QAM	8	0	16.87	0.049	16.95	0.050	16.98	0.050
3	64QAM	8	4	16.83	0.048	16.91	0.049	16.93	0.049
3	64QAM	8	7	16.82	0.048	16.97	0.050	16.83	0.048
3	64QAM	15	0	16.81	0.048	16.91	0.049	16.78	0.048



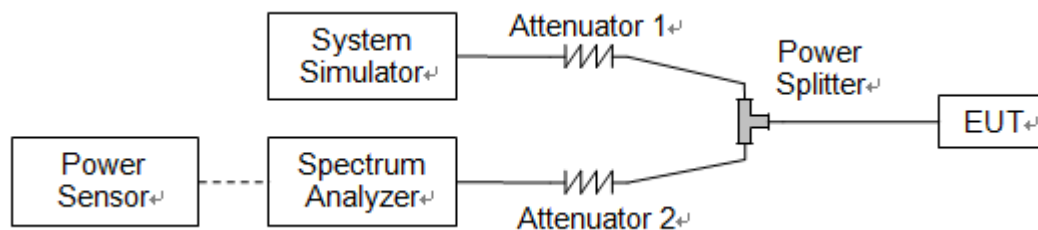
LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				131979		132322		132665	
Frequency (MHz)				1710.7		1745		1779.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	20.88	0.122	20.86	0.122	20.89	0.123
1.4	QPSK	1	3	20.74	0.119	20.65	0.116	20.65	0.116
1.4	QPSK	1	5	20.53	0.113	20.53	0.113	20.49	0.112
1.4	QPSK	3	0	19.78	0.095	19.70	0.093	19.75	0.094
1.4	QPSK	3	1	19.64	0.092	19.62	0.092	19.58	0.091
1.4	QPSK	3	3	19.50	0.089	19.41	0.087	19.47	0.089
1.4	QPSK	6	0	19.25	0.084	19.32	0.086	19.34	0.086
1.4	16QAM	1	0	19.69	0.093	19.72	0.094	19.75	0.094
1.4	16QAM	1	3	19.56	0.090	19.56	0.090	19.55	0.090
1.4	16QAM	1	5	19.41	0.087	19.39	0.087	19.39	0.087
1.4	16QAM	3	0	18.61	0.073	18.53	0.071	18.64	0.073
1.4	16QAM	3	1	18.48	0.070	18.41	0.069	18.40	0.069
1.4	16QAM	3	3	18.35	0.068	18.28	0.067	18.35	0.068
1.4	16QAM	6	0	18.22	0.066	18.09	0.064	18.20	0.066
1.4	64QAM	1	0	17.65	0.058	17.68	0.059	17.70	0.059
1.4	64QAM	1	3	17.58	0.057	17.61	0.058	17.66	0.058
1.4	64QAM	1	5	17.63	0.058	17.60	0.058	17.60	0.058
1.4	64QAM	3	0	16.85	0.048	16.96	0.050	17.00	0.050
1.4	64QAM	3	1	16.81	0.048	16.91	0.049	16.93	0.049
1.4	64QAM	3	3	16.80	0.048	16.95	0.050	16.85	0.048
1.4	64QAM	6	0	16.79	0.048	16.92	0.049	16.79	0.048

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	1.0937	1.2468	PASS
B2	1.4	Low	18607	1850.7	16QAM	1.0900	1.2418	PASS
B2	1.4	Low	18607	1850.7	64QAM	1.1022	1.2510	PASS
B2	1.4	Mid	18900	1880	QPSK	1.0977	1.2411	PASS
B2	1.4	Mid	18900	1880	16QAM	1.0942	1.2314	PASS
B2	1.4	Mid	18900	1880	64QAM	1.1027	1.2523	PASS
B2	1.4	High	19193	1909.3	QPSK	1.0973	1.2414	PASS
B2	1.4	High	19193	1909.3	16QAM	1.1027	1.2564	PASS
B2	1.4	High	19193	1909.3	64QAM	1.1030	1.2539	PASS
B2	3	Low	18615	1851.5	QPSK	2.7192	3.0397	PASS
B2	3	Low	18615	1851.5	16QAM	2.7126	3.0396	PASS
B2	3	Low	18615	1851.5	64QAM	2.7156	2.9417	PASS
B2	3	Mid	18900	1880	QPSK	2.7176	3.0458	PASS
B2	3	Mid	18900	1880	16QAM	2.7110	3.0582	PASS
B2	3	Mid	18900	1880	64QAM	2.7066	3.0404	PASS
B2	3	High	19185	1908.5	QPSK	2.7151	3.0616	PASS
B2	3	High	19185	1908.5	16QAM	2.7078	3.0347	PASS
B2	3	High	19185	1908.5	64QAM	2.7106	3.0388	PASS
B2	5	Low	18625	1852.5	QPSK	4.4850	4.9620	PASS
B2	5	Low	18625	1852.5	16QAM	4.4847	4.9556	PASS
B2	5	Low	18625	1852.5	64QAM	4.4931	4.9456	PASS
B2	5	Mid	18900	1880	QPSK	4.4773	4.9116	PASS
B2	5	Mid	18900	1880	16QAM	4.4895	4.9481	PASS
B2	5	Mid	18900	1880	64QAM	4.4895	4.9481	PASS
B2	5	High	19175	1907.5	QPSK	4.4833	4.9306	PASS
B2	5	High	19175	1907.5	16QAM	4.4882	4.9705	PASS
B2	5	High	19175	1907.5	64QAM	4.4938	4.9315	PASS
B2	10	Low	18650	1855	QPSK	8.7679	9.4030	PASS
B2	10	Low	18650	1855	16QAM	8.9622	9.7405	PASS
B2	10	Low	18650	1855	64QAM	8.9954	9.8768	PASS
B2	10	Mid	18900	1880	QPSK	8.9886	9.7702	PASS
B2	10	Mid	18900	1880	16QAM	8.9451	9.7256	PASS
B2	10	Mid	18900	1880	64QAM	8.9761	9.8559	PASS



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B2	10	High	19150	1905	QPSK	8.9628	9.7683	PASS
B2	10	High	19150	1905	16QAM	8.9417	9.7769	PASS
B2	10	High	19150	1905	64QAM	8.9858	9.8649	PASS
B2	15	Low	18675	1857.5	QPSK	13.447	14.731	PASS
B2	15	Low	18675	1857.5	16QAM	13.454	14.683	PASS
B2	15	Low	18675	1857.5	64QAM	13.458	14.802	PASS
B2	15	Mid	18900	1880	QPSK	13.427	14.726	PASS
B2	15	Mid	18900	1880	16QAM	13.422	14.730	PASS
B2	15	Mid	18900	1880	64QAM	13.408	14.732	PASS
B2	15	High	19125	1902.5	QPSK	13.389	14.764	PASS
B2	15	High	19125	1902.5	16QAM	13.418	14.609	PASS
B2	15	High	19125	1902.5	64QAM	13.391	14.769	PASS
B2	20	Low	18700	1860	QPSK	17.937	19.662	PASS
B2	20	Low	18700	1860	16QAM	17.997	19.557	PASS
B2	20	Low	18700	1860	64QAM	17.960	19.574	PASS
B2	20	Mid	18900	1880	QPSK	17.897	19.625	PASS
B2	20	Mid	18900	1880	16QAM	17.901	19.504	PASS
B2	20	Mid	18900	1880	64QAM	17.927	19.593	PASS
B2	20	High	19100	1900	QPSK	17.885	19.419	PASS
B2	20	High	19100	1900	16QAM	17.906	19.557	PASS
B2	20	High	19100	1900	64QAM	17.905	19.548	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	1.0958	1.2457	PASS
B4	1.4	Low	19957	1710.7	16QAM	1.0998	1.2470	PASS
B4	1.4	Low	19957	1710.7	64QAM	1.1007	1.2554	PASS
B4	1.4	Mid	20175	1732.5	QPSK	1.0975	1.2463	PASS
B4	1.4	Mid	20175	1732.5	16QAM	1.0995	1.2492	PASS
B4	1.4	Mid	20175	1732.5	64QAM	1.1068	1.2544	PASS
B4	1.4	High	20393	1754.3	QPSK	1.0959	1.2401	PASS
B4	1.4	High	20393	1754.3	16QAM	1.0954	1.2494	PASS
B4	1.4	High	20393	1754.3	64QAM	1.1058	1.2680	PASS
B4	3	Low	19965	1711.5	QPSK	2.7173	3.0669	PASS
B4	3	Low	19965	1711.5	16QAM	2.7067	3.0343	PASS
B4	3	Low	19965	1711.5	64QAM	2.7172	3.0515	PASS
B4	3	Mid	20175	1732.5	QPSK	2.7124	3.0425	PASS
B4	3	Mid	20175	1732.5	16QAM	2.7315	2.9311	PASS
B4	3	Mid	20175	1732.5	64QAM	2.7189	3.0602	PASS
B4	3	High	20385	1753.5	QPSK	2.7120	3.0340	PASS
B4	3	High	20385	1753.5	16QAM	2.7158	3.0541	PASS
B4	3	High	20385	1753.5	64QAM	2.7106	3.0464	PASS
B4	5	Low	19975	1712.5	QPSK	4.4830	4.9380	PASS
B4	5	Low	19975	1712.5	16QAM	4.4899	4.9352	PASS
B4	5	Low	19975	1712.5	64QAM	4.4955	4.9097	PASS
B4	5	Mid	20175	1732.5	QPSK	4.4882	4.9387	PASS
B4	5	Mid	20175	1732.5	16QAM	4.4879	4.9500	PASS
B4	5	Mid	20175	1732.5	64QAM	4.4991	4.9386	PASS
B4	5	High	20375	1752.5	QPSK	4.4842	4.9334	PASS
B4	5	High	20375	1752.5	16QAM	4.4875	4.9324	PASS
B4	5	High	20375	1752.5	64QAM	4.4912	4.9215	PASS
B4	10	Low	20000	1715	QPSK	8.9741	9.8217	PASS
B4	10	Low	20000	1715	16QAM	8.9574	9.7810	PASS
B4	10	Low	20000	1715	64QAM	8.9992	9.8563	PASS
B4	10	Mid	20175	1732.5	QPSK	8.9766	9.8464	PASS
B4	10	Mid	20175	1732.5	16QAM	8.9594	9.7638	PASS
B4	10	Mid	20175	1732.5	64QAM	8.9976	9.8671	PASS
B4	10	High	20350	1750	QPSK	8.9884	9.8466	PASS
B4	10	High	20350	1750	16QAM	8.9676	9.7503	PASS



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B4	10	High	20350	1750	64QAM	8.9914	9.8411	PASS
B4	15	Low	20025	1717.5	QPSK	13.464	14.766	PASS
B4	15	Low	20025	1717.5	16QAM	13.453	14.895	PASS
B4	15	Low	20025	1717.5	64QAM	13.456	14.767	PASS
B4	15	Mid	20175	1732.5	QPSK	13.445	14.723	PASS
B4	15	Mid	20175	1732.5	16QAM	13.454	14.836	PASS
B4	15	Mid	20175	1732.5	64QAM	13.436	14.793	PASS
B4	15	High	20325	1747.5	QPSK	13.397	14.122	PASS
B4	15	High	20325	1747.5	16QAM	13.475	14.955	PASS
B4	15	High	20325	1747.5	64QAM	13.450	14.870	PASS
B4	20	Low	20050	1720	QPSK	17.924	19.581	PASS
B4	20	Low	20050	1720	16QAM	17.930	19.625	PASS
B4	20	Low	20050	1720	64QAM	17.936	19.675	PASS
B4	20	Mid	20175	1732.5	QPSK	17.928	19.470	PASS
B4	20	Mid	20175	1732.5	16QAM	17.948	19.684	PASS
B4	20	Mid	20175	1732.5	64QAM	17.970	19.649	PASS
B4	20	High	20300	1745	QPSK	17.964	19.686	PASS
B4	20	High	20300	1745	16QAM	17.949	19.637	PASS
B4	20	High	20300	1745	64QAM	17.998	19.714	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	1.0937	1.2451	PASS
B5	1.4	Low	20407	824.7	16QAM	1.0968	1.2581	PASS
B5	1.4	Low	20407	824.7	64QAM	1.1003	1.2440	PASS
B5	1.4	Mid	20525	836.5	QPSK	1.0973	1.2387	PASS
B5	1.4	Mid	20525	836.5	16QAM	1.1000	1.2435	PASS
B5	1.4	Mid	20525	836.5	64QAM	1.0996	1.2505	PASS
B5	1.4	High	20643	848.3	QPSK	1.0952	1.2418	PASS
B5	1.4	High	20643	848.3	16QAM	1.0965	1.2532	PASS
B5	1.4	High	20643	848.3	64QAM	1.1009	1.2517	PASS
B5	3	Low	20415	825.5	QPSK	2.7385	2.9620	PASS
B5	3	Low	20415	825.5	16QAM	2.7188	3.0620	PASS
B5	3	Low	20415	825.5	64QAM	2.7080	3.0383	PASS
B5	3	Mid	20525	836.5	QPSK	2.7140	3.0413	PASS
B5	3	Mid	20525	836.5	16QAM	2.7188	3.0434	PASS
B5	3	Mid	20525	836.5	64QAM	2.7093	3.0332	PASS
B5	3	High	20635	847.5	QPSK	2.7155	3.0439	PASS
B5	3	High	20635	847.5	16QAM	2.7141	3.0365	PASS
B5	3	High	20635	847.5	64QAM	2.7119	3.0413	PASS
B5	5	Low	20425	826.5	QPSK	4.4821	4.9411	PASS
B5	5	Low	20425	826.5	16QAM	4.4850	4.9622	PASS
B5	5	Low	20425	826.5	64QAM	4.4876	4.9310	PASS
B5	5	Mid	20525	836.5	QPSK	4.4856	4.9388	PASS
B5	5	Mid	20525	836.5	16QAM	4.4818	4.9161	PASS
B5	5	Mid	20525	836.5	64QAM	4.4869	4.9476	PASS
B5	5	High	20625	846.5	QPSK	4.4833	4.9271	PASS
B5	5	High	20625	846.5	16QAM	4.4787	4.9204	PASS
B5	5	High	20625	846.5	64QAM	4.4828	4.9216	PASS
B5	10	Low	20450	829	QPSK	8.9831	9.7937	PASS
B5	10	Low	20450	829	16QAM	8.9256	9.4859	PASS
B5	10	Low	20450	829	64QAM	8.9760	9.8506	PASS
B5	10	Mid	20525	836.5	QPSK	8.9884	9.8463	PASS
B5	10	Mid	20525	836.5	16QAM	8.9516	9.7765	PASS
B5	10	Mid	20525	836.5	64QAM	8.9837	9.8216	PASS
B5	10	High	20600	844	QPSK	8.9748	9.8241	PASS
B5	10	High	20600	844	16QAM	8.9484	9.8162	PASS



B5	10	High	20600	844	64QAM	8.9747	9.8300	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	4.4824	4.9348	PASS
B7	5	Low	20775	2502.5	16QAM	4.4859	4.9594	PASS
B7	5	Low	20775	2502.5	64QAM	4.4922	4.9256	PASS
B7	5	Mid	21100	2535	QPSK	4.4846	4.9334	PASS
B7	5	Mid	21100	2535	16QAM	4.4851	4.9607	PASS
B7	5	Mid	21100	2535	64QAM	4.4789	4.9612	PASS
B7	5	High	21425	2567.5	QPSK	4.4800	4.9175	PASS
B7	5	High	21425	2567.5	16QAM	4.4858	4.9170	PASS
B7	5	High	21425	2567.5	64QAM	4.4882	4.9447	PASS
B7	10	Low	20800	2505	QPSK	8.9655	9.8102	PASS
B7	10	Low	20800	2505	16QAM	8.9510	9.8302	PASS
B7	10	Low	20800	2505	64QAM	8.9858	9.8871	PASS
B7	10	Mid	21100	2535	QPSK	8.9651	9.9119	PASS
B7	10	Mid	21100	2535	16QAM	8.9462	9.8308	PASS
B7	10	Mid	21100	2535	64QAM	8.9742	9.8542	PASS
B7	10	High	21400	2565	QPSK	8.9843	9.8622	PASS
B7	10	High	21400	2565	16QAM	8.9612	9.7636	PASS
B7	10	High	21400	2565	64QAM	8.9816	9.8885	PASS
B7	15	Low	20825	2507.5	QPSK	13.477	14.803	PASS
B7	15	Low	20825	2507.5	16QAM	13.443	14.897	PASS
B7	15	Low	20825	2507.5	64QAM	13.440	14.806	PASS
B7	15	Mid	21100	2535	QPSK	13.460	14.815	PASS
B7	15	Mid	21100	2535	16QAM	13.441	14.829	PASS
B7	15	Mid	21100	2535	64QAM	13.414	14.788	PASS
B7	15	High	21375	2562.5	QPSK	13.437	14.775	PASS
B7	15	High	21375	2562.5	16QAM	13.465	14.867	PASS
B7	15	High	21375	2562.5	64QAM	13.442	14.804	PASS
B7	20	Low	20850	2510	QPSK	17.935	19.742	PASS
B7	20	Low	20850	2510	16QAM	17.957	19.604	PASS
B7	20	Low	20850	2510	64QAM	17.934	19.639	PASS
B7	20	Mid	21100	2535	QPSK	17.933	19.627	PASS
B7	20	Mid	21100	2535	16QAM	17.928	19.594	PASS
B7	20	Mid	21100	2535	64QAM	17.942	19.660	PASS



B7	20	High	21350	2560	QPSK	17.932	19.594	PASS
B7	20	High	21350	2560	16QAM	17.965	19.707	PASS
B7	20	High	21350	2560	64QAM	17.956	19.517	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	4.4864	4.9337	PASS
B13	5	Low	23205	779.5	16QAM	4.4837	4.8274	PASS
B13	5	Low	23205	779.5	64QAM	4.4937	4.9240	PASS
B13	5	Mid	23230	782	QPSK	4.4761	4.9234	PASS
B13	5	Mid	23230	782	16QAM	4.4766	4.9360	PASS
B13	5	Mid	23230	782	64QAM	4.4962	4.9296	PASS
B13	5	High	23255	784.5	QPSK	4.4872	4.9142	PASS
B13	5	High	23255	784.5	16QAM	4.4897	4.9235	PASS
B13	5	High	23255	784.5	64QAM	4.4968	4.9228	PASS
B13	10	Mid	23230	782	QPSK	8.9718	9.8992	PASS
B13	10	Mid	23230	782	16QAM	8.9567	9.8097	PASS
B13	10	Mid	23230	782	64QAM	8.9955	9.9096	PASS



LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B26	1.4	Low	26797	824.7	QPSK	1.0936	1.2412	PASS
B26	1.4	Low	26797	824.7	16QAM	1.0961	1.2499	PASS
B26	1.4	Low	26797	824.7	64QAM	1.1028	1.2573	PASS
B26	1.4	Mid	26915	836.5	QPSK	1.0955	1.2485	PASS
B26	1.4	Mid	26915	836.5	16QAM	1.0958	1.2460	PASS
B26	1.4	Mid	26915	836.5	64QAM	1.1086	1.2536	PASS
B26	1.4	High	27033	848.3	QPSK	1.0984	1.2425	PASS
B26	1.4	High	27033	848.3	16QAM	1.0985	1.2503	PASS
B26	1.4	High	27033	848.3	64QAM	1.1053	1.2551	PASS
B26	3	Low	26805	825.5	QPSK	2.7122	3.0362	PASS
B26	3	Low	26805	825.5	16QAM	2.7162	3.0512	PASS
B26	3	Low	26805	825.5	64QAM	2.7158	3.0531	PASS
B26	3	Mid	26915	836.5	QPSK	2.7208	3.0568	PASS
B26	3	Mid	26915	836.5	16QAM	2.7100	3.0459	PASS
B26	3	Mid	26915	836.5	64QAM	2.7162	3.0506	PASS
B26	3	High	27025	847.5	QPSK	2.7201	3.0443	PASS
B26	3	High	27025	847.5	16QAM	2.7147	3.0620	PASS
B26	3	High	27025	847.5	64QAM	2.7118	3.0555	PASS
B26	5	Low	26815	826.5	QPSK	4.4872	4.9423	PASS
B26	5	Low	26815	826.5	16QAM	4.4808	4.9417	PASS
B26	5	Low	26815	826.5	64QAM	4.5046	4.9401	PASS
B26	5	Mid	26915	836.5	QPSK	4.4748	4.9476	PASS
B26	5	Mid	26915	836.5	16QAM	4.4779	4.9294	PASS
B26	5	Mid	26915	836.5	64QAM	4.5024	4.9716	PASS
B26	5	High	27015	846.5	QPSK	4.4787	4.9306	PASS
B26	5	High	27015	846.5	16QAM	4.4870	4.9389	PASS
B26	5	High	27015	846.5	64QAM	4.4951	4.9378	PASS
B26	10	Low	26840	829	QPSK	8.9657	9.8064	PASS
B26	10	Low	26840	829	16QAM	8.9502	9.7877	PASS
B26	10	Low	26840	829	64QAM	9.0016	10.0156	PASS
B26	10	Mid	26915	836.5	QPSK	8.9769	9.7775	PASS
B26	10	Mid	26915	836.5	16QAM	8.9403	9.7736	PASS
B26	10	Mid	26915	836.5	64QAM	9.0075	10.0306	PASS
B26	10	High	26990	844	QPSK	8.9917	9.8044	PASS
B26	10	High	26990	844	16QAM	8.9535	9.7531	PASS



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B26	10	High	26990	844	64QAM	8.9934	9.8158	PASS
B26	15	Low	26865	831.5	QPSK	13.439	14.780	PASS
B26	15	Low	26865	831.5	16QAM	13.454	14.815	PASS
B26	15	Low	26865	831.5	64QAM	13.456	14.755	PASS
B26	15	Mid	26915	836.5	QPSK	13.458	14.712	PASS
B26	15	Mid	26915	836.5	16QAM	13.439	14.804	PASS
B26	15	Mid	26915	836.5	64QAM	13.473	14.790	PASS
B26	15	High	26965	841.5	QPSK	13.482	14.778	PASS
B26	15	High	26965	841.5	16QAM	13.441	14.767	PASS
B26	15	High	26965	841.5	64QAM	13.455	14.749	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	4.4841	5.0371	PASS
B38	5	Low	37775	2572.5	16QAM	4.4877	4.9736	PASS
B38	5	Low	37775	2572.5	64QAM	4.4982	4.9646	PASS
B38	5	Mid	38000	2595	QPSK	4.4843	4.9729	PASS
B38	5	Mid	38000	2595	16QAM	4.4931	5.3380	PASS
B38	5	Mid	38000	2595	64QAM	4.4955	4.8985	PASS
B38	5	High	38225	2617.5	QPSK	4.4815	4.9054	PASS
B38	5	High	38225	2617.5	16QAM	4.4848	4.8774	PASS
B38	5	High	38225	2617.5	64QAM	4.4926	4.9760	PASS
B38	10	Low	37800	2575	QPSK	8.9889	9.9934	PASS
B38	10	Low	37800	2575	16QAM	8.9406	9.7543	PASS
B38	10	Low	37800	2575	64QAM	8.9751	9.8568	PASS
B38	10	Mid	38000	2595	QPSK	8.9726	10.2316	PASS
B38	10	Mid	38000	2595	16QAM	8.9596	9.9671	PASS
B38	10	Mid	38000	2595	64QAM	8.9741	10.3195	PASS
B38	10	High	38200	2615	QPSK	8.9738	9.8938	PASS
B38	10	High	38200	2615	16QAM	8.9590	9.7766	PASS
B38	10	High	38200	2615	64QAM	8.9925	9.9782	PASS
B38	15	Low	37825	2577.5	QPSK	13.480	14.649	PASS
B38	15	Low	37825	2577.5	16QAM	13.444	14.801	PASS
B38	15	Low	37825	2577.5	64QAM	13.440	14.756	PASS
B38	15	Mid	38000	2595	QPSK	13.422	14.735	PASS
B38	15	Mid	38000	2595	16QAM	13.457	14.997	PASS
B38	15	Mid	38000	2595	64QAM	13.456	14.825	PASS
B38	15	High	38175	2612.5	QPSK	13.432	14.652	PASS
B38	15	High	38175	2612.5	16QAM	13.437	14.972	PASS
B38	15	High	38175	2612.5	64QAM	13.429	15.048	PASS
B38	20	Low	37850	2580	QPSK	17.942	20.282	PASS
B38	20	Low	37850	2580	16QAM	17.917	19.541	PASS
B38	20	Low	37850	2580	64QAM	17.906	19.446	PASS
B38	20	Mid	38000	2595	QPSK	17.923	19.626	PASS
B38	20	Mid	38000	2595	16QAM	17.896	19.682	PASS
B38	20	Mid	38000	2595	64QAM	17.926	19.470	PASS
B38	20	High	38150	2610	QPSK	17.910	19.534	PASS
B38	20	High	38150	2610	16QAM	17.889	19.554	PASS



B38	20	High	38150	2610	64QAM	17.955	19.555	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	4.4819	5.0447	PASS
B41	5	Low	40065	2537.5	16QAM	4.4918	5.0035	PASS
B41	5	Low	40065	2537.5	64QAM	4.4896	4.9357	PASS
B41	5	Mid	40640	2595	QPSK	4.4855	5.0296	PASS
B41	5	Mid	40640	2595	16QAM	4.4817	4.9398	PASS
B41	5	Mid	40640	2595	64QAM	4.4955	4.9227	PASS
B41	5	High	41215	2652.5	QPSK	4.4851	5.0419	PASS
B41	5	High	41215	2652.5	16QAM	4.4816	4.9709	PASS
B41	5	High	41215	2652.5	64QAM	4.4932	4.9714	PASS
B41	10	Low	40090	2540	QPSK	8.9918	10.1774	PASS
B41	10	Low	40090	2540	16QAM	8.9707	10.3452	PASS
B41	10	Low	40090	2540	64QAM	8.9775	9.8613	PASS
B41	10	Mid	40640	2595	QPSK	8.9779	9.9299	PASS
B41	10	Mid	40640	2595	16QAM	8.9499	9.8400	PASS
B41	10	Mid	40640	2595	64QAM	8.9633	10.2077	PASS
B41	10	High	41190	2650	QPSK	8.9742	10.1510	PASS
B41	10	High	41190	2650	16QAM	8.9664	9.7632	PASS
B41	10	High	41190	2650	64QAM	8.9818	10.0149	PASS
B41	15	Low	40115	2542.5	QPSK	13.449	14.676	PASS
B41	15	Low	40115	2542.5	16QAM	13.444	15.768	PASS
B41	15	Low	40115	2542.5	64QAM	13.442	15.099	PASS
B41	15	Mid	40640	2595	QPSK	13.446	14.616	PASS
B41	15	Mid	40640	2595	16QAM	13.408	14.916	PASS
B41	15	Mid	40640	2595	64QAM	13.431	14.911	PASS
B41	15	High	41165	2647.5	QPSK	13.466	14.784	PASS
B41	15	High	41165	2647.5	16QAM	13.458	14.686	PASS
B41	15	High	41165	2647.5	64QAM	13.463	15.116	PASS
B41	20	Low	40140	2545	QPSK	17.919	20.035	PASS
B41	20	Low	40140	2545	16QAM	17.918	19.699	PASS
B41	20	Low	40140	2545	64QAM	17.924	19.861	PASS
B41	20	Mid	40640	2595	QPSK	17.922	19.569	PASS
B41	20	Mid	40640	2595	16QAM	17.870	19.691	PASS
B41	20	Mid	40640	2595	64QAM	17.942	19.320	PASS



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B41	20	High	41140	2645	QPSK	17.949	20.389	PASS
B41	20	High	41140	2645	16QAM	17.928	20.005	PASS
B41	20	High	41140	2645	64QAM	17.939	19.771	PASS



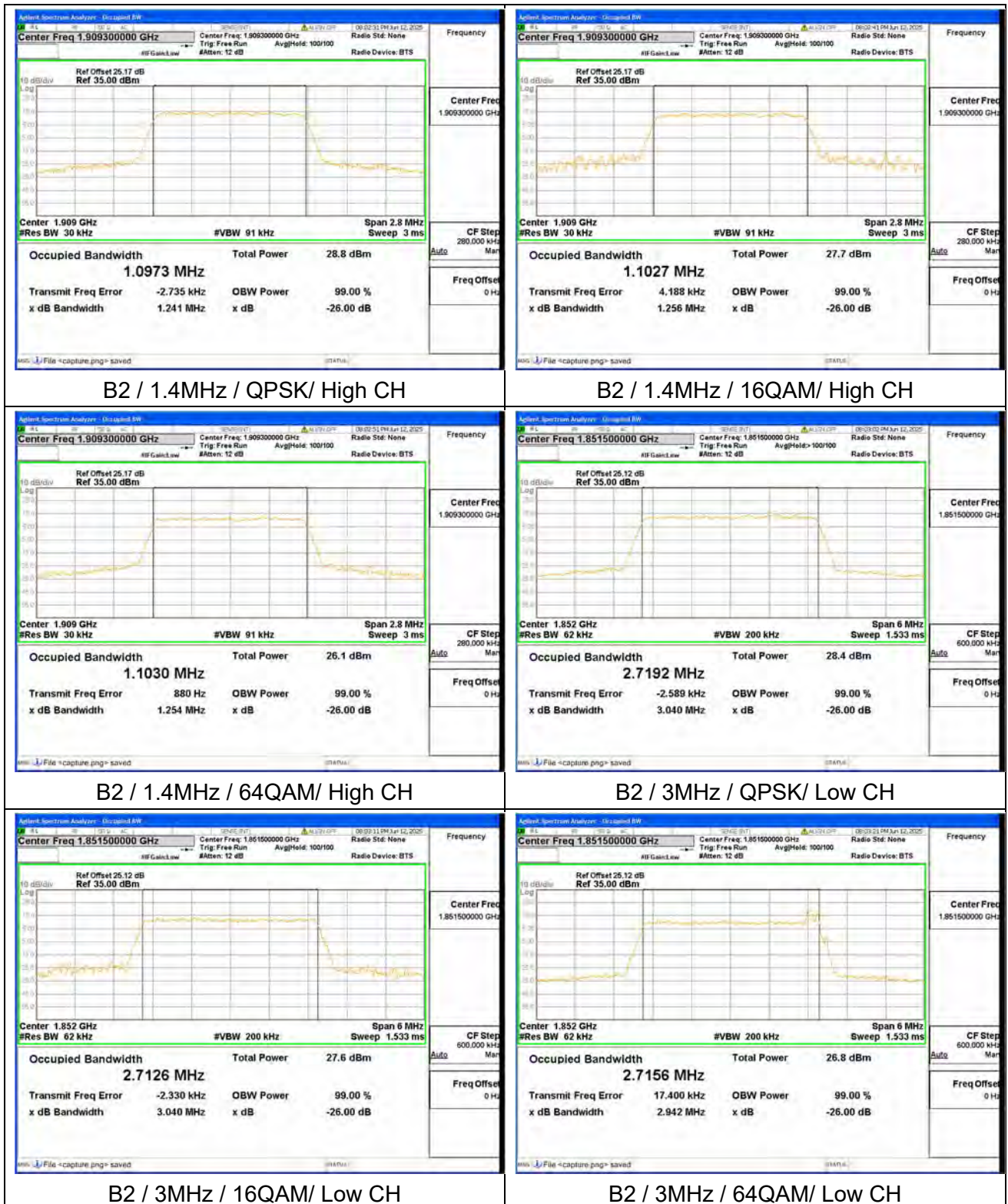
LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B66	1.4	Low	131979	1710.7	QPSK	1.0944	1.2487	PASS
B66	1.4	Low	131979	1710.7	16QAM	1.0942	1.2389	PASS
B66	1.4	Low	131979	1710.7	64QAM	1.1020	1.2498	PASS
B66	1.4	Mid	132322	1745	QPSK	1.0968	1.2450	PASS
B66	1.4	Mid	132322	1745	16QAM	1.0983	1.2520	PASS
B66	1.4	Mid	132322	1745	64QAM	1.1032	1.2470	PASS
B66	1.4	High	132665	1779.3	QPSK	1.0984	1.2494	PASS
B66	1.4	High	132665	1779.3	16QAM	1.1012	1.2452	PASS
B66	1.4	High	132665	1779.3	64QAM	1.1025	1.2579	PASS
B66	3	Low	131987	1711.5	QPSK	2.7177	3.0497	PASS
B66	3	Low	131987	1711.5	16QAM	2.7164	3.2651	PASS
B66	3	Low	131987	1711.5	64QAM	2.7115	3.0435	PASS
B66	3	Mid	132322	1745	QPSK	2.7169	3.0455	PASS
B66	3	Mid	132322	1745	16QAM	2.6995	3.0160	PASS
B66	3	Mid	132322	1745	64QAM	2.7067	3.0193	PASS
B66	3	High	132657	1778.5	QPSK	2.7129	3.0370	PASS
B66	3	High	132657	1778.5	16QAM	2.7059	3.0460	PASS
B66	3	High	132657	1778.5	64QAM	2.7130	3.0550	PASS
B66	5	Low	131997	1712.5	QPSK	4.4862	4.9623	PASS
B66	5	Low	131997	1712.5	16QAM	4.4782	4.9355	PASS
B66	5	Low	131997	1712.5	64QAM	4.4948	4.9259	PASS
B66	5	Mid	132322	1745	QPSK	4.4884	4.9269	PASS
B66	5	Mid	132322	1745	16QAM	4.4849	4.9230	PASS
B66	5	Mid	132322	1745	64QAM	4.4882	4.9692	PASS
B66	5	High	132647	1777.5	QPSK	4.4862	4.9493	PASS
B66	5	High	132647	1777.5	16QAM	4.4912	4.9476	PASS
B66	5	High	132647	1777.5	64QAM	4.4989	4.9106	PASS
B66	10	Low	132022	1715	QPSK	8.9729	9.8137	PASS
B66	10	Low	132022	1715	16QAM	8.9545	9.7529	PASS
B66	10	Low	132022	1715	64QAM	8.9864	9.9346	PASS
B66	10	Mid	132322	1745	QPSK	9.0129	9.8536	PASS
B66	10	Mid	132322	1745	16QAM	8.9587	9.8120	PASS
B66	10	Mid	132322	1745	64QAM	8.9855	9.8017	PASS
B66	10	High	132622	1775	QPSK	8.9870	9.8789	PASS
B66	10	High	132622	1775	16QAM	8.9582	9.8064	PASS



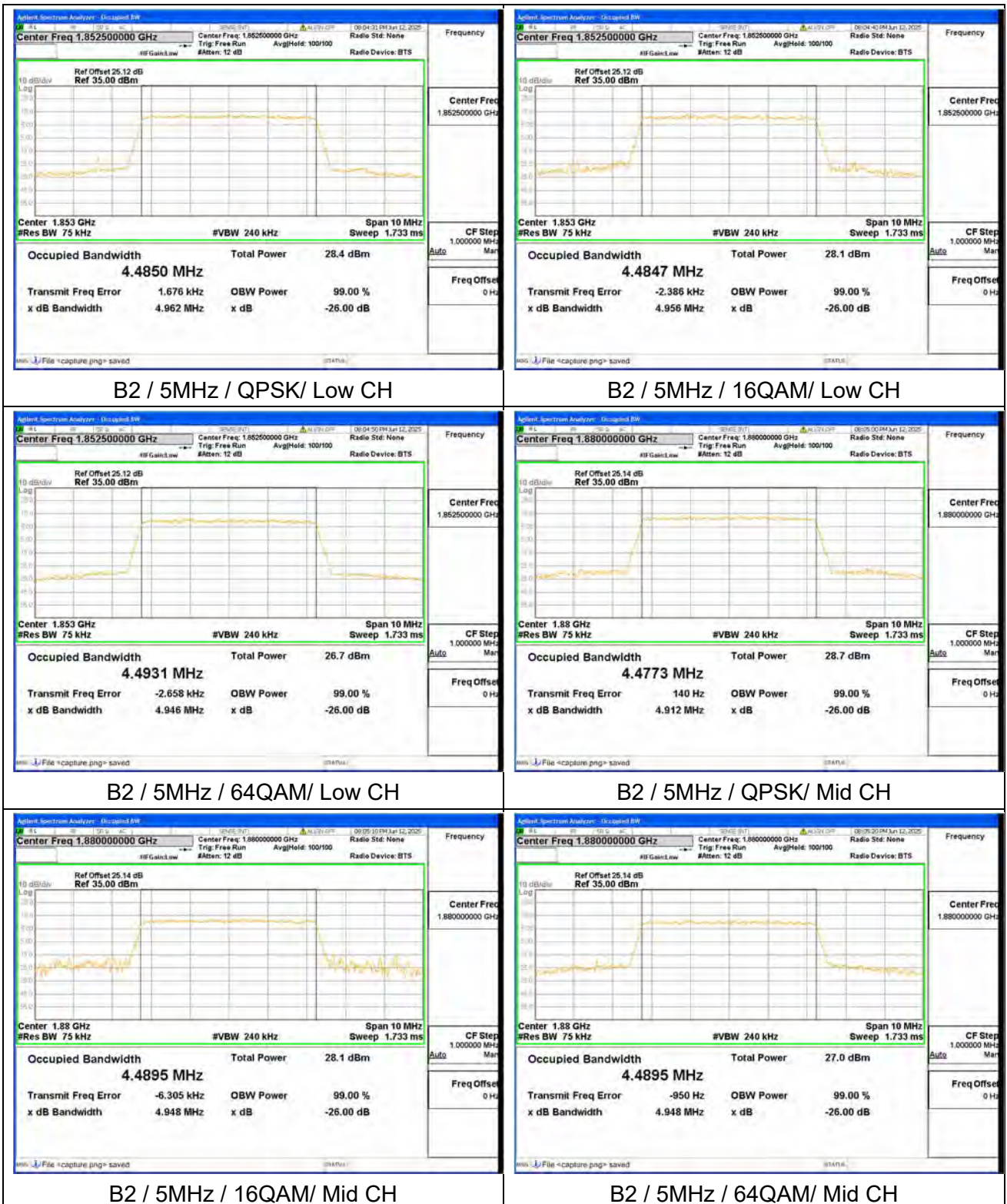
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B66	10	High	132622	1775	64QAM	8.9763	9.8776	PASS
B66	15	Low	132047	1717.5	QPSK	13.465	14.810	PASS
B66	15	Low	132047	1717.5	16QAM	13.486	15.224	PASS
B66	15	Low	132047	1717.5	64QAM	13.435	14.710	PASS
B66	15	Mid	132322	1745	QPSK	13.491	14.687	PASS
B66	15	Mid	132322	1745	16QAM	13.448	14.893	PASS
B66	15	Mid	132322	1745	64QAM	13.446	14.818	PASS
B66	15	High	132597	1772.5	QPSK	13.429	14.755	PASS
B66	15	High	132597	1772.5	16QAM	13.452	14.878	PASS
B66	15	High	132597	1772.5	64QAM	13.419	14.875	PASS
B66	20	Low	132072	1720	QPSK	17.903	19.551	PASS
B66	20	Low	132072	1720	16QAM	17.970	19.670	PASS
B66	20	Low	132072	1720	64QAM	17.922	19.493	PASS
B66	20	Mid	132322	1745	QPSK	17.937	19.636	PASS
B66	20	Mid	132322	1745	16QAM	17.925	19.103	PASS
B66	20	Mid	132322	1745	64QAM	18.007	19.597	PASS
B66	20	High	132572	1770	QPSK	17.899	19.611	PASS
B66	20	High	132572	1770	16QAM	17.902	19.749	PASS
B66	20	High	132572	1770	64QAM	17.818	18.439	PASS









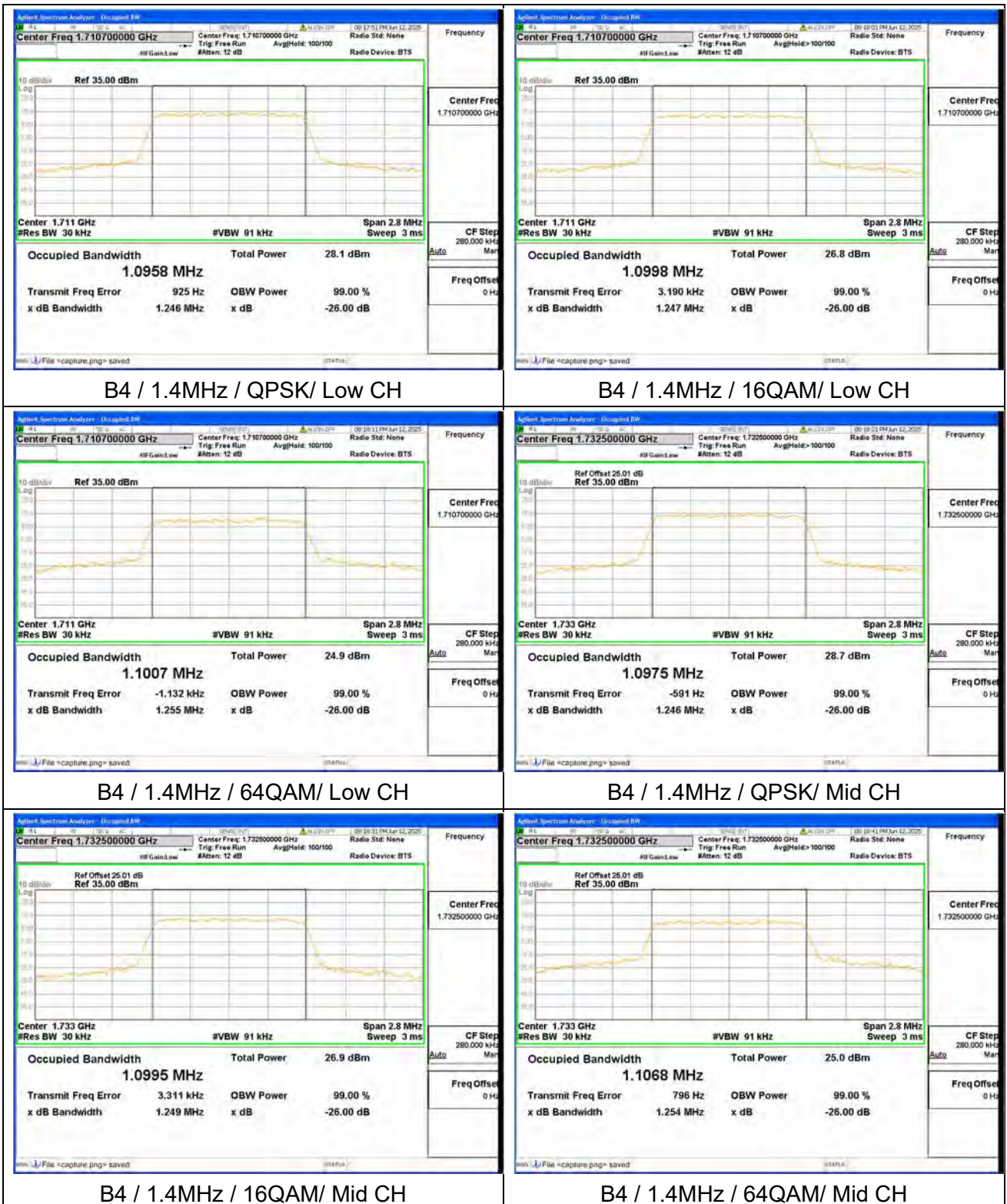


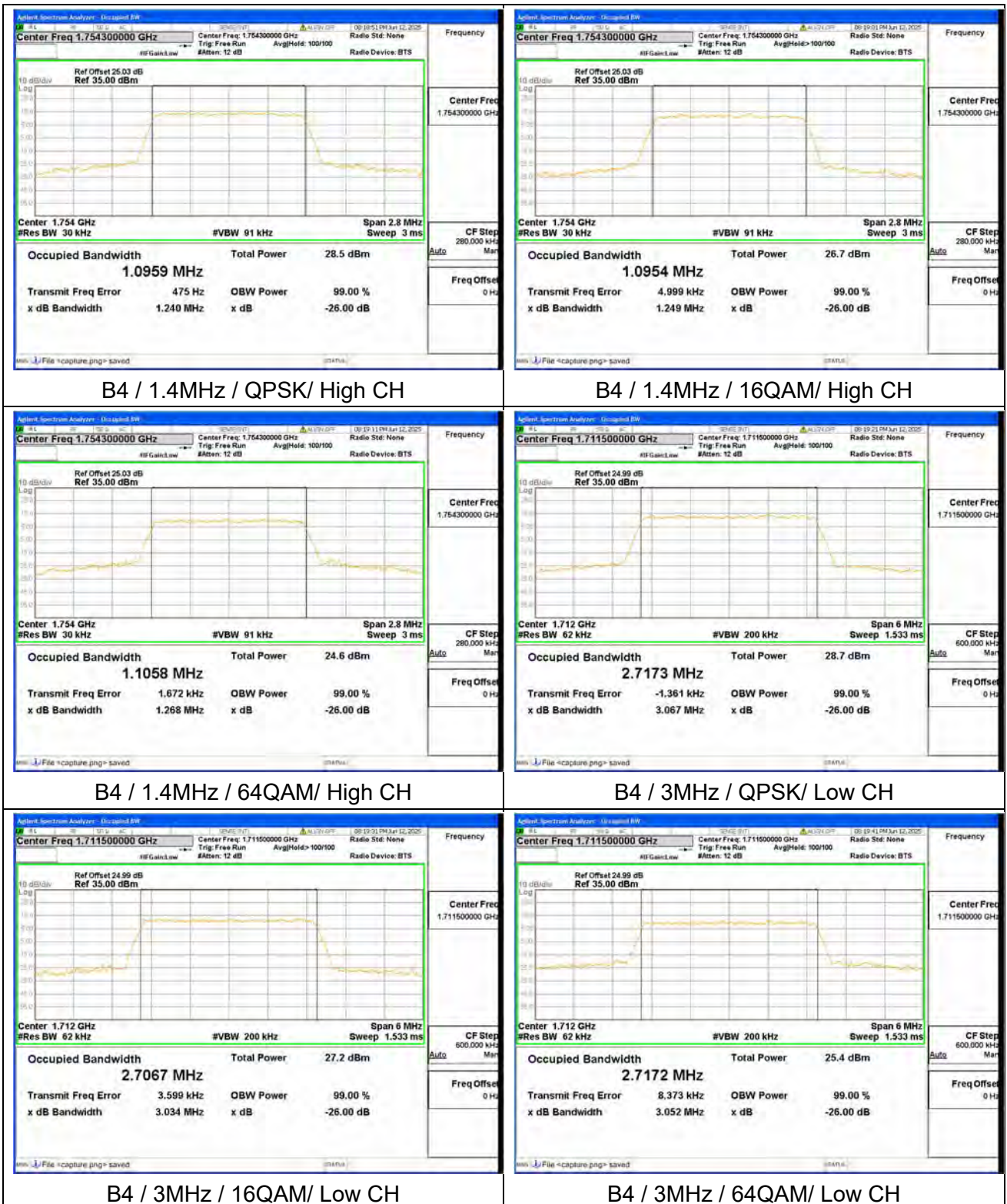
















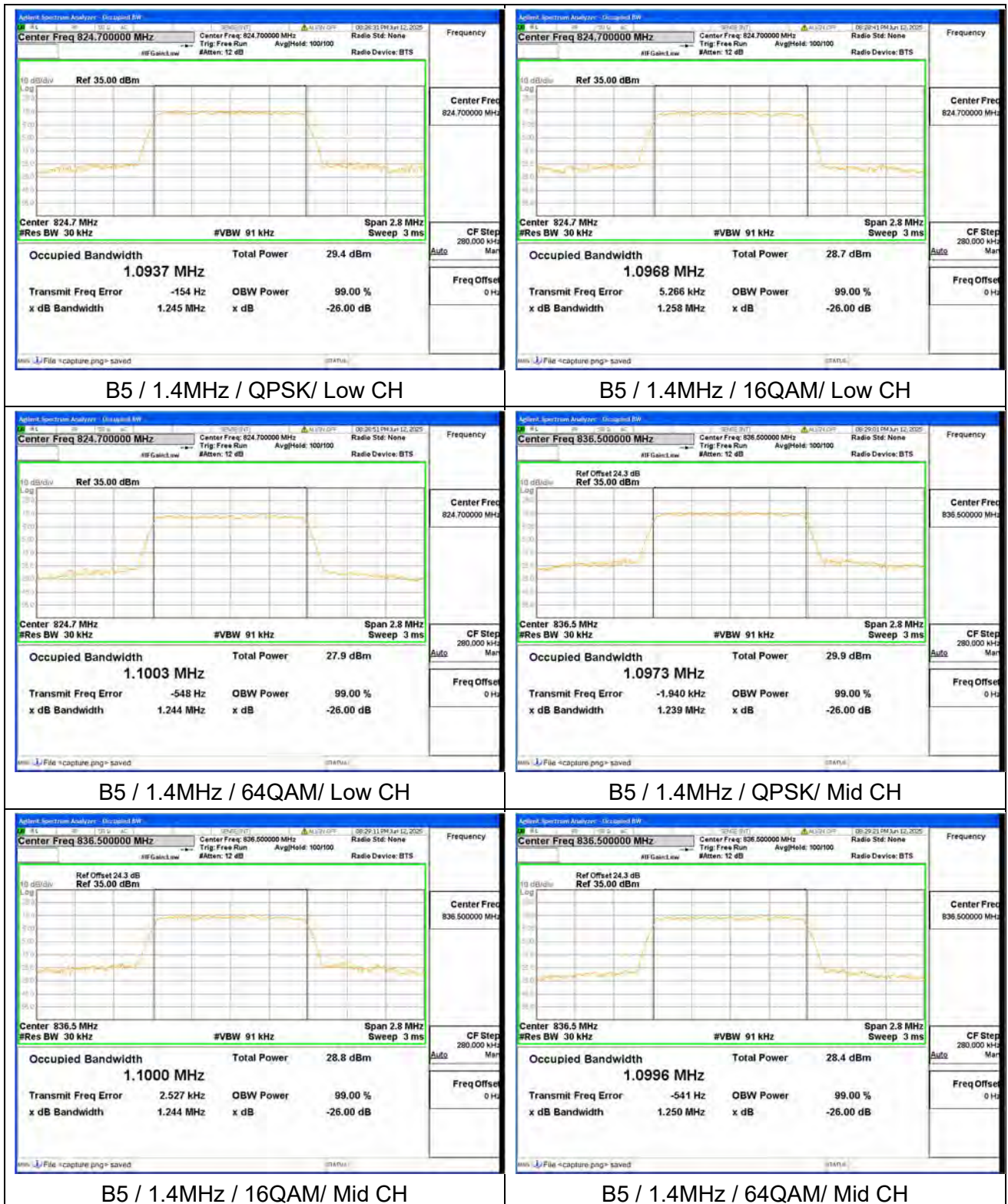








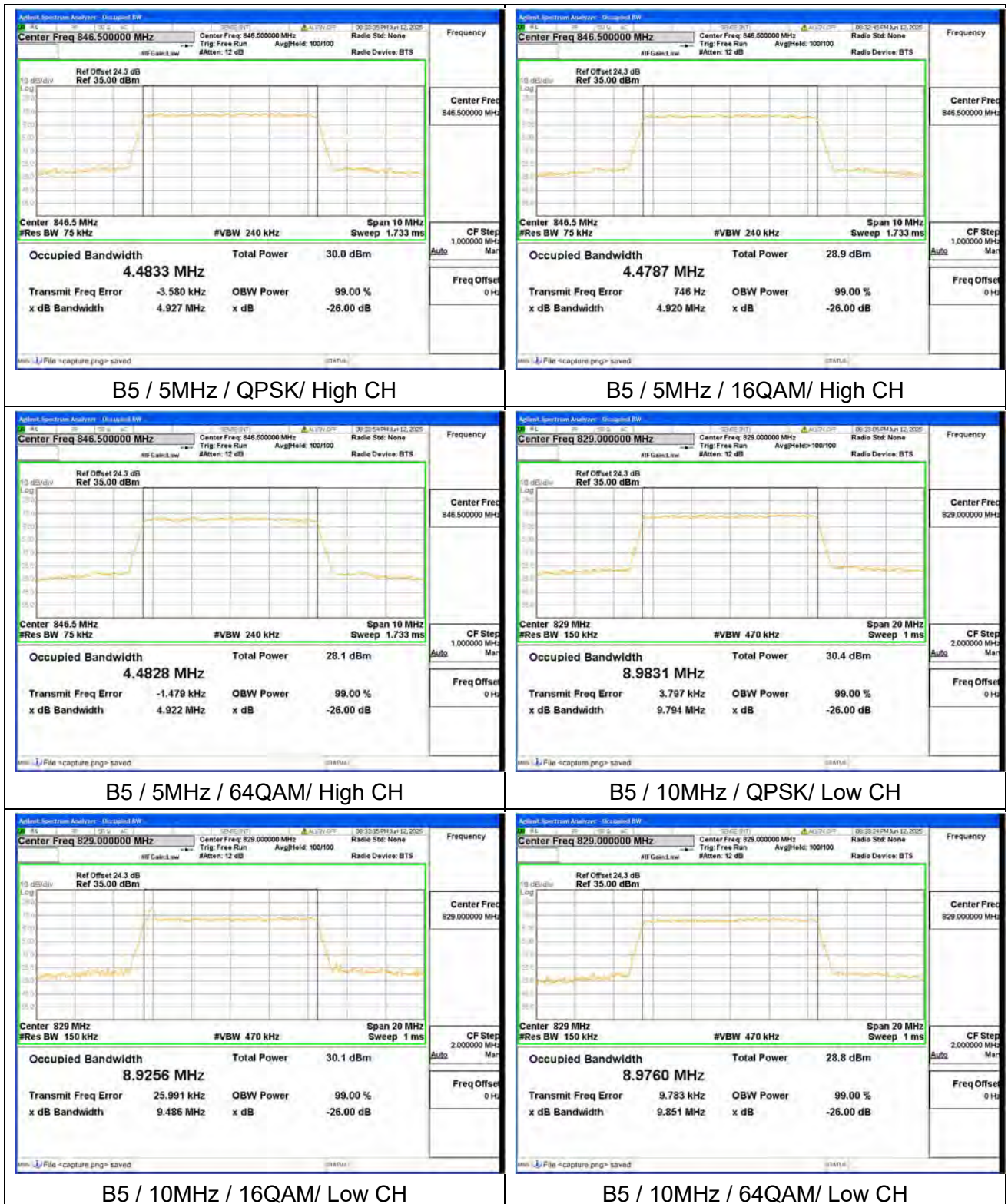




























B13 / 5MHz / QPSK/ Low CH



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

