



REPORT No.: SZ25090307W05

TEST REPORT

APPLICANT : Fibocom Wireless Inc.

PRODUCT NAME : SC162-NA

MODEL NAME : SC162-NA

BRAND NAME : Fibocom

FCC ID : ZMOSC162NA

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

RECEIPT DATE : 2025-09-16

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Edited by:

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Change History		
Version	Date	Reason for change
1.0	2025-11-18	First edition



1. Technical Information

Note: Provide by applicant.

1.1. Applicant and Manufacturer Information

Applicant:	Fibocom Wireless Inc.
Applicant Address:	1101, Tower A, Building 6, Shenzhen International Innovation Valley, Dashi 1st Rd, Nanshan, Shenzhen, China
Manufacturer:	Fibocom Wireless Inc.
Manufacturer Address:	1101, Tower A, Building 6, Shenzhen International Innovation Valley, Dashi 1st Rd, Nanshan, Shenzhen, China

1.2. Equipment Under Test (EUT) Description

Product Name:	SC162-NA	
Sample No.:	2#, 4#	
Hardware Version:	V1.1	
Software Version:	SC162-V6.012.001	
Modulation Type:	QPSK, 16QAM, 64QAM	
Operation Band:	Band 2 / 4 / 5 / 7 / 12 / 13 / 17 / 25 / 26 / 41 / 66 / 71	
Frequency Range:	LTE Band 2	Tx: 1850MHz–1910MHz
		Rx: 1930MHz–1990MHz
	LTE Band 4	Tx: 1710MHz–1755MHz
		Rx: 2110MHz–2155MHz
	LTE Band 5	Tx: 824MHz–849MHz
		Rx: 869MHz–894MHz
	LTE Band 7	Tx: 2500MHz–2570MHz
		Rx: 2620MHz–2690MHz
	LTE Band 12	Tx: 699MHz–716MHz
		Rx: 729MHz–746MHz
	LTE Band 13	Tx: 777MHz–787MHz
		Rx: 746MHz–756MHz
	LTE Band 17	Tx: 704MHz–716MHz
		Rx: 734MHz–746MHz
	LTE Band 25	Tx: 1850MHz–1915MHz
		Rx: 1930MHz–1995MHz



Frequency Range:	LTE Band 26	Tx: 824MHz–849MHz
		Rx: 869MHz–894MHz
	LTE Band 41	Tx: 2496MHz–2690MHz
		Rx: 2496MHz–2690MHz
	LTE Band 66	Tx: 1710MHz –1780MHz
		Rx: 2110MHz–2200MHz
	LTE Band 71	Tx: 663MHz–698MHz
		Rx: 617MHz–652MHz
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	5MHz, 10MHz, 15MHz, 20MHz
	LTE Band 12	1.4MHz, 3 MHz, 5MHz, 10MHz
	LTE Band 13	5MHz, 10MHz
	LTE Band 17	5MHz, 10MHz
	LTE Band 25	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
	LTE Band 26	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz
	LTE Band 41	5 MHz, 10MHz, 15MHz, 20MHz
	LTE Band 66	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
	LTE Band 71	5MHz, 10MHz, 15MHz, 20MHz
Antenna Type:	External Antenna	
Antenna Gain:	LTE Band 2	3.10dBi
	LTE Band 4	3.10dBi
	LTE Band 5	1.17dBi
	LTE Band 7	1.17dBi
	LTE Band 12	1.17dBi
	LTE Band 13	1.17dBi
	LTE Band 17	1.17dBi
	LTE Band 25	3.10dBi
	LTE Band 26	1.17dBi
	LTE Band 41	2.56dBi
	LTE Band 66	3.10dBi
	LTE Band 71	1.17dBi

Note 1: 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	0.460	0.372	0.292	17M9G7D	17M9W7D	17M9W7D
15	0.457	0.361	0.290	13M5G7D	13M4W7D	13M4W7D
10	0.453	0.369	0.315	8M98G7D	8M95W7D	8M98W7D
5	0.456	0.365	0.292	4M49G7D	4M49W7D	4M51W7D
3	0.451	0.361	0.292	2M71G7D	2M71W7D	2M71W7D
1.4	0.454	0.369	0.290	1M09G7D	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	0.472	0.388	0.317	17M9G7D	17M9W7D	17M9W7D
15	0.462	0.379	0.314	13M5G7D	13M5W7D	13M5W7D
10	0.462	0.384	0.310	9M00G7D	8M97W7D	8M98W7D
5	0.466	0.385	0.311	4M49G7D	4M50W7D	4M51W7D
3	0.469	0.384	0.310	2M70G7D	2M70W7D	2M71W7D
1.4	0.461	0.380	0.311	1M10G7D	1M10W7D	1M10W7D
LTE Band 5	Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10	0.169	0.134	0.105	8M98G7D	8M95W7D	8M97W7D
5	0.165	0.131	0.106	4M49G7D	4M49W7D	4M50W7D
3	0.164	0.132	0.107	2M70G7D	2M71W7D	2M71W7D
1.4	0.166	0.135	0.111	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	0.406	0.336	0.270	17M9G7D	17M9W7D	17M9W7D
15	0.399	0.332	0.272	13M5G7D	13M5W7D	13M4W7D
10	0.396	0.331	0.267	8M99G7D	8M97W7D	8M98W7D
5	0.396	0.330	0.270	4M49G7D	4M49W7D	4M50W7D
LTE Band 12	Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10	0.179	0.145	0.119	8M97G7D	8M94W7D	8M96W7D
5	0.174	0.142	0.115	4M49G7D	4M49W7D	4M49W7D
3	0.177	0.142	0.115	2M70G7D	2M70W7D	2M70W7D
1.4	0.175	0.143	0.113	1M09G7D	1M10W7D	1M10W7D



LTE Band 13		Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10		0.179	0.152	0.118	8M95G7D	8M94W7D	8M94W7D
5		0.164	0.138	0.112	4M49G7D	4M49W7D	4M49W7D
LTE Band 17		Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10		0.167	0.139	0.113	8M96G7D	8M94W7D	8M96W7D
5		0.166	0.138	0.112	4M49G7D	4M49W7D	4M50W7D
LTE Band 25		Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20		0.440	0.361	0.284	17M9G7D	17M9W7D	17M9W7D
15		0.437	0.352	0.288	13M5G7D	13M4W7D	13M4W7D
10		0.432	0.357	0.285	8M99G7D	8M96W7D	8M97W7D
5		0.437	0.357	0.288	4M49G7D	4M49W7D	4M51W7D
3		0.437	0.354	0.284	2M70G7D	2M71W7D	2M71W7D
1.4		0.431	0.357	0.287	1M10G7D	1M10W7D	1M10W7D
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		0.143	0.117	0.091	13M5G7D	13M4W7D	13M4W7D
10		0.145	0.118	0.086	8M97G7D	8M96W7D	8M96W7D
5		0.141	0.117	0.089	4M49G7D	4M49W7D	4M50W7D
3		0.141	0.122	0.087	2M70G7D	2M71W7D	2M71W7D
1.4		0.142	0.118	0.095	1M10G7D	1M10W7D	1M10W7D
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		0.390	0.310	0.239	17M9G7D	17M9W7D	17M9W7D
15		0.385	0.303	0.241	13M5G7D	13M5W7D	13M4W7D
10		0.380	0.312	0.239	8M98G7D	8M96W7D	8M98W7D
5		0.387	0.312	0.240	4M50G7D	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		0.479	0.384	0.296	17M9G7D	18M0W7D	17M9W7D
15		0.473	0.377	0.295	13M5G7D	13M5W7D	13M4W7D
10		0.469	0.380	0.301	8M99G7D	8M96W7D	8M98W7D
5		0.470	0.379	0.301	4M50G7D	4M49W7D	4M50W7D
3		0.474	0.378	0.295	2M70G7D	2M71W7D	2M71W7D
1.4		0.469	0.378	0.297	1M10G7D	1M10W7D	1M10W7D



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LTE Band 71	Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20	0.166	0.138	0.113	17M9G7D	17M9W7D	17M9W7D
15	0.165	0.135	0.110	13M4G7D	13M4W7D	13M4W7D
10	0.166	0.134	0.111	8M97G7D	8M96W7D	8M96W7D
5	0.163	0.136	0.114	4M49G7D	4M50W7D	4M50W7D



1.4. Test Standards and Results

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

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

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

Section	Description	Test Date	Test Engineer	Result	Remark
2.1046 22.913(a)(2) 24.232(c) 27.50(b)(10) 27.50(c)(10) 27.50(d)(4) 27.50(h)(2)	Transmitter Conducted Output Power and E.R.P./E.I.R.P.	Sep. 30, 2025	Yu Xiaoming Liu Huiyan	PASS ^{Note3}	/
2.1049	Occupied Bandwidth	Oct. 10&11, 2025	Liu Huiyan	PASS	/
2.1055 22.355 24.235 27.54	Frequency Stability	Oct. 28, 2025	Liu Huiyan	PASS	/
24.232(d), 27.50(d)(5)	Peak to Average Radio	Oct. 10&11, 2025	Liu Huiyan	PASS	/
2.1051 22.917(a) 24.238(a) 27.53(c)(2) 27.53(g) 27.53(h) 27.53(m)(4)	Conducted Spurious Emissions	Oct. 10&11, 2025	Liu Huiyan	PASS	/
2.1051 22.917(a) 24.238(a)	Band Edge	Oct. 10&11, 2025	Liu Huiyan	PASS	/



27.53(a)(4) 27.53(c)(2) 27.53(g) 27.53(h) 27.53(m)(4)					
2.1053 22.917(a) 24.238(a) 27.53(a)(4) 27.53(c)(2) 27.53(g) 27.53(h) 27.53(m)(4)	Radiated Spurious Emissions	Sep. 30, 2025 to Oct. 28, 025	Li Hanbin	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&H&L&M&N Requirements

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

2.1.1. Requirement

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

According to FCC section 24.232 (c) for LTE Band 2/25, Mobile and portable stations are limited to 2 watts E.I.R.P. and the equipment must employ a means for limiting power to the minimum necessary for successful communications.

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

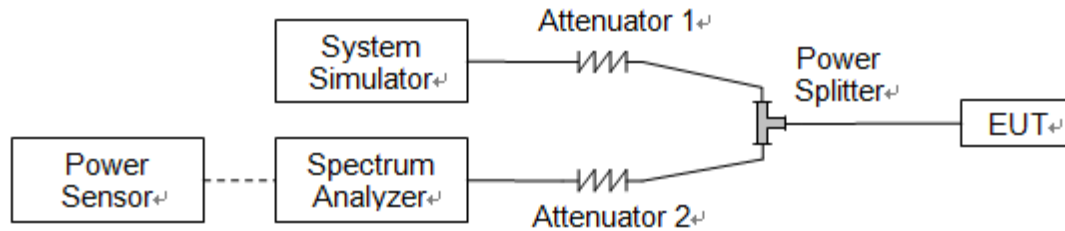
According to FCC section 22.913 (a)(2) for LTE Band 5/26, the E.R.P. of mobile transmitters and auxiliary test transmitters must not exceed 7 watts.

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

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

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

2.1.2. Test Description



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

2.1.3. Test Procedure

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

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

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



2.1.4. Result

Conducted Output Power

LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18700	18900	19100
Frequency (MHz)				1860	1880	1900
20	QPSK	1	0	23.30	23.53	23.49
20	QPSK	1	49	23.29	23.25	23.06
20	QPSK	1	99	23.19	23.24	23.05
20	QPSK	50	0	22.50	22.58	22.42
20	QPSK	50	24	22.39	22.41	22.30
20	QPSK	50	50	22.31	22.41	22.40
20	QPSK	100	0	22.31	22.53	22.43
20	16QAM	1	0	22.46	22.60	22.37
20	16QAM	1	49	22.41	22.53	22.41
20	16QAM	1	99	22.41	22.50	22.44
20	16QAM	50	0	21.44	21.45	21.35
20	16QAM	50	24	21.43	21.42	21.38
20	16QAM	50	50	21.26	21.31	21.28
20	16QAM	100	0	21.29	21.44	21.31
20	64QAM	1	0	21.40	21.55	21.23
20	64QAM	1	49	21.43	21.41	21.49
20	64QAM	1	99	21.37	21.50	21.37
20	64QAM	50	0	20.47	20.48	20.37
20	64QAM	50	24	20.58	20.37	20.52
20	64QAM	50	50	20.40	20.45	20.14
20	64QAM	100	0	20.25	20.44	20.24



LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18675	18900	19125
Frequency (MHz)				1857.5	1880	1902.5
15	QPSK	1	0	23.22	23.50	23.43
15	QPSK	1	37	23.17	23.21	23.05
15	QPSK	1	74	23.09	23.17	23.02
15	QPSK	36	0	22.41	22.52	22.32
15	QPSK	36	20	22.29	22.35	22.21
15	QPSK	36	39	22.25	22.33	22.30
15	QPSK	75	0	22.20	22.44	22.34
15	16QAM	1	0	22.39	22.48	22.30
15	16QAM	1	37	22.46	22.46	22.32
15	16QAM	1	74	22.35	22.38	22.31
15	16QAM	36	0	21.39	21.30	21.28
15	16QAM	36	20	21.34	21.29	21.36
15	16QAM	36	39	21.19	21.26	21.19
15	16QAM	75	0	21.14	21.40	21.21
15	64QAM	1	0	21.28	21.52	21.29
15	64QAM	1	37	21.39	21.34	21.38
15	64QAM	1	74	21.23	21.39	21.35
15	64QAM	36	0	20.46	20.48	20.23
15	64QAM	36	20	20.55	20.34	20.44
15	64QAM	36	39	20.34	20.32	20.17
15	64QAM	75	0	20.14	20.30	20.14



LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18650	18900	19150
Frequency (MHz)				1855	1880	1905
10	QPSK	1	0	23.23	23.46	23.37
10	QPSK	1	25	23.22	23.20	23.06
10	QPSK	1	49	23.15	23.16	23.07
10	QPSK	25	0	22.40	22.49	22.34
10	QPSK	25	12	22.30	22.34	22.21
10	QPSK	25	25	22.24	22.36	22.34
10	QPSK	50	0	22.27	22.41	22.34
10	16QAM	1	0	22.43	22.57	22.26
10	16QAM	1	25	22.38	22.40	22.35
10	16QAM	1	49	22.30	22.42	22.30
10	16QAM	25	0	21.34	21.34	21.33
10	16QAM	25	12	21.33	21.31	21.33
10	16QAM	25	25	21.15	21.22	21.18
10	16QAM	50	0	21.25	21.30	21.24
10	64QAM	1	0	21.73	21.88	21.41
10	64QAM	1	25	21.68	21.70	21.76
10	64QAM	1	49	21.66	21.75	21.53
10	64QAM	25	0	20.79	20.64	20.65
10	64QAM	25	12	20.83	20.64	20.87
10	64QAM	25	25	20.76	20.60	20.44
10	64QAM	50	0	20.50	20.80	20.46



LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18625	18900	19175
Frequency (MHz)				1852.5	1880	1907.5
5	QPSK	1	0	23.27	23.49	23.45
5	QPSK	1	12	23.19	23.13	23.03
5	QPSK	1	24	23.10	23.21	23.18
5	QPSK	12	0	22.47	22.54	22.37
5	QPSK	12	7	22.27	22.34	22.21
5	QPSK	12	13	22.20	22.37	22.31
5	QPSK	25	0	22.25	22.42	22.39
5	16QAM	1	0	22.34	22.52	22.28
5	16QAM	1	12	22.44	22.42	22.34
5	16QAM	1	24	22.26	22.41	22.31
5	16QAM	12	0	21.32	21.30	21.27
5	16QAM	12	7	21.38	21.27	21.26
5	16QAM	12	13	21.16	21.27	21.15
5	16QAM	25	0	21.16	21.41	21.24
5	64QAM	1	0	21.45	21.48	21.14
5	64QAM	1	12	21.46	21.27	21.55
5	64QAM	1	24	21.27	21.55	21.22
5	64QAM	12	0	20.53	20.35	20.36
5	64QAM	12	7	20.63	20.36	20.53
5	64QAM	12	13	20.36	20.34	20.32
5	64QAM	25	0	20.11	20.31	20.27



LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18615	18900	19185
Frequency (MHz)				1851.5	1880	1908.5
3	QPSK	1	0	23.27	23.44	23.41
3	QPSK	1	8	23.19	23.17	23.24
3	QPSK	1	14	23.14	23.12	23.14
3	QPSK	8	0	22.41	22.52	22.32
3	QPSK	8	4	22.34	22.29	22.23
3	QPSK	8	7	22.21	22.38	22.28
3	QPSK	15	0	22.19	22.43	22.36
3	16QAM	1	0	22.39	22.48	22.25
3	16QAM	1	8	22.39	22.47	22.32
3	16QAM	1	14	22.28	22.41	22.33
3	16QAM	8	0	21.36	21.34	21.26
3	16QAM	8	4	21.35	21.29	21.26
3	16QAM	8	7	21.24	21.27	21.26
3	16QAM	15	0	21.17	21.42	21.18
3	64QAM	1	0	21.41	21.55	21.15
3	64QAM	1	8	21.43	21.28	21.45
3	64QAM	1	14	21.36	21.52	21.40
3	64QAM	8	0	20.43	20.54	20.32
3	64QAM	8	4	20.57	20.22	20.54
3	64QAM	8	7	20.26	20.52	20.22
3	64QAM	15	0	23.27	23.44	23.41



LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18607	18900	19193
Frequency (MHz)				1850.7	1880	1909.3
1.4	QPSK	1	0	23.25	23.47	23.42
1.4	QPSK	1	3	23.19	23.13	23.09
1.4	QPSK	1	5	23.07	23.14	23.16
1.4	QPSK	3	0	23.25	23.32	23.16
1.4	QPSK	3	1	23.13	23.18	23.10
1.4	QPSK	3	3	23.05	23.18	23.17
1.4	QPSK	6	0	22.26	22.45	22.34
1.4	16QAM	1	0	22.42	22.57	22.27
1.4	16QAM	1	3	22.43	22.48	22.37
1.4	16QAM	1	5	22.26	22.35	22.38
1.4	16QAM	3	0	22.18	22.17	22.10
1.4	16QAM	3	1	22.21	22.19	22.08
1.4	16QAM	3	3	22.00	22.10	22.08
1.4	16QAM	6	0	21.16	21.42	21.27
1.4	64QAM	1	0	21.29	21.52	21.11
1.4	64QAM	1	3	21.32	21.40	21.38
1.4	64QAM	1	5	21.39	21.43	21.44
1.4	64QAM	3	0	21.23	21.35	21.10
1.4	64QAM	3	1	21.42	21.18	21.38
1.4	64QAM	3	3	21.10	21.15	21.07
1.4	64QAM	6	0	20.29	20.38	20.19



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20050	20175	20300
Frequency (MHz)				1720	1732.5	1745
20	QPSK	1	0	23.64	23.61	23.56
20	QPSK	1	49	23.52	23.53	23.49
20	QPSK	1	99	23.54	23.42	23.54
20	QPSK	50	0	22.77	22.76	22.63
20	QPSK	50	24	22.66	22.50	22.55
20	QPSK	50	50	22.65	22.52	22.59
20	QPSK	100	0	22.65	22.52	22.59
20	16QAM	1	0	22.79	22.68	22.70
20	16QAM	1	49	22.75	22.43	22.46
20	16QAM	1	99	22.62	22.47	22.49
20	16QAM	50	0	21.79	21.54	21.64
20	16QAM	50	24	21.76	21.68	21.55
20	16QAM	50	50	21.62	21.53	21.57
20	16QAM	100	0	21.70	21.55	21.62
20	64QAM	1	0	21.91	21.76	21.81
20	64QAM	1	49	21.72	21.50	21.79
20	64QAM	1	99	21.54	21.48	21.49
20	64QAM	50	0	20.91	20.51	20.68
20	64QAM	50	24	20.72	20.76	20.68
20	64QAM	50	50	20.74	20.52	20.52
20	64QAM	100	0	20.55	20.50	20.46



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20025	20175	20325
Frequency (MHz)				1717.5	1732.5	1747.5
15	QPSK	1	0	23.55	23.53	23.48
15	QPSK	1	37	23.42	23.47	23.42
15	QPSK	1	74	23.51	23.33	23.48
15	QPSK	36	0	22.69	22.66	22.52
15	QPSK	36	20	22.62	22.39	22.47
15	QPSK	36	39	22.59	22.47	22.51
15	QPSK	75	0	22.53	22.47	22.50
15	16QAM	1	0	22.69	22.64	22.64
15	16QAM	1	37	22.66	22.32	22.39
15	16QAM	1	74	22.58	22.34	22.36
15	16QAM	36	0	21.72	21.46	21.50
15	16QAM	36	20	21.74	21.55	21.43
15	16QAM	36	39	21.54	21.40	21.51
15	16QAM	75	0	21.68	21.40	21.49
15	64QAM	1	0	21.87	21.62	21.72
15	64QAM	1	37	21.61	21.56	21.75
15	64QAM	1	74	21.52	21.45	21.55
15	64QAM	36	0	20.96	20.48	20.63
15	64QAM	36	20	20.78	20.66	20.67
15	64QAM	36	39	20.70	20.59	20.56
15	64QAM	75	0	20.47	20.49	20.39



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20000	20175	20350
Frequency (MHz)				1715	1732.5	1750
10	QPSK	1	0	23.55	23.54	23.44
10	QPSK	1	25	23.43	23.43	23.43
10	QPSK	1	49	23.43	23.37	23.49
10	QPSK	25	0	22.69	22.68	22.52
10	QPSK	25	12	22.60	22.40	22.50
10	QPSK	25	25	22.60	22.41	22.53
10	QPSK	50	0	22.56	22.45	22.49
10	16QAM	1	0	22.74	22.62	22.61
10	16QAM	1	25	22.74	22.36	22.37
10	16QAM	1	49	22.59	22.40	22.37
10	16QAM	25	0	21.66	21.50	21.56
10	16QAM	25	12	21.68	21.61	21.52
10	16QAM	25	25	21.55	21.49	21.53
10	16QAM	50	0	21.66	21.49	21.50
10	64QAM	1	0	21.37	21.66	21.82
10	64QAM	1	25	21.76	21.37	21.79
10	64QAM	1	49	21.59	21.45	21.51
10	64QAM	25	0	20.56	20.44	20.75
10	64QAM	25	12	20.63	20.77	20.62
10	64QAM	25	25	20.69	20.39	20.47
10	64QAM	50	0	20.52	20.39	20.38



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				19975	20175	20375
Frequency (MHz)				1712.5	1732.5	1752.5
5	QPSK	1	0	23.52	23.58	23.48
5	QPSK	1	12	23.40	23.42	23.42
5	QPSK	1	24	23.49	23.34	23.46
5	QPSK	12	0	22.66	22.71	22.59
5	QPSK	12	7	22.62	22.39	22.45
5	QPSK	12	13	22.62	22.42	22.49
5	QPSK	25	0	22.54	22.41	22.47
5	16QAM	1	0	22.75	22.58	22.65
5	16QAM	1	12	22.70	22.39	22.43
5	16QAM	1	24	22.52	22.39	22.36
5	16QAM	12	0	21.74	21.49	21.58
5	16QAM	12	7	21.69	21.63	21.43
5	16QAM	12	13	21.56	21.43	21.43
5	16QAM	25	0	21.67	21.49	21.47
5	64QAM	1	0	21.67	21.83	21.77
5	64QAM	1	12	21.67	21.53	21.83
5	64QAM	1	24	21.44	21.46	21.53
5	64QAM	12	0	20.82	20.50	20.60
5	64QAM	12	7	20.71	20.61	20.55
5	64QAM	12	13	20.80	20.59	20.41
5	64QAM	25	0	20.54	20.41	20.35



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				19965	20175	20385
Frequency (MHz)				1711.5	1732.5	1753.5
3	QPSK	1	0	23.61	23.55	23.50
3	QPSK	1	8	23.41	23.43	23.37
3	QPSK	1	14	23.49	23.31	23.50
3	QPSK	8	0	22.68	22.70	22.51
3	QPSK	8	4	22.61	22.43	22.52
3	QPSK	8	7	22.56	22.41	22.47
3	QPSK	15	0	22.58	22.47	22.55
3	16QAM	1	0	22.74	22.56	22.65
3	16QAM	1	8	22.67	22.36	22.37
3	16QAM	1	14	22.49	22.42	22.43
3	16QAM	8	0	21.67	21.41	21.51
3	16QAM	8	4	21.70	21.56	21.40
3	16QAM	8	7	21.57	21.38	21.50
3	16QAM	15	0	21.66	21.51	21.51
3	64QAM	1	0	21.71	21.79	21.77
3	64QAM	1	8	21.76	21.40	21.82
3	64QAM	1	14	21.60	21.39	21.35
3	64QAM	8	0	20.85	20.53	20.60
3	64QAM	8	4	20.67	20.72	20.60
3	64QAM	8	7	20.78	20.42	20.49
3	64QAM	15	0	23.61	23.55	23.50



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				19957	20175	20393
Frequency (MHz)				1710.7	1732.5	1754.3
1.4	QPSK	1	0	23.54	23.53	23.44
1.4	QPSK	1	3	23.42	23.42	23.40
1.4	QPSK	1	5	23.51	23.33	23.50
1.4	QPSK	3	0	23.23	23.14	23.02
1.4	QPSK	3	1	23.04	23.09	23.16
1.4	QPSK	3	3	23.06	23.10	23.02
1.4	QPSK	6	0	22.60	22.41	22.48
1.4	16QAM	1	0	22.69	22.60	22.63
1.4	16QAM	1	3	22.70	22.38	22.39
1.4	16QAM	1	5	22.58	22.33	22.41
1.4	16QAM	3	0	22.15	22.15	22.06
1.4	16QAM	3	1	22.22	22.12	22.19
1.4	16QAM	3	3	22.17	22.12	22.03
1.4	16QAM	6	0	21.58	21.51	21.55
1.4	64QAM	1	0	21.83	21.75	21.68
1.4	64QAM	1	3	21.58	21.52	21.70
1.4	64QAM	1	5	21.42	21.45	21.37
1.4	64QAM	3	0	21.48	21.14	21.17
1.4	64QAM	3	1	21.17	21.32	21.21
1.4	64QAM	3	3	21.17	21.18	21.11
1.4	64QAM	6	0	20.50	20.40	20.36



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	23.07	23.26	23.21
10	QPSK	1	25	23.12	23.03	23.08
10	QPSK	1	49	23.03	23.16	23.01
10	QPSK	25	0	22.08	22.24	22.06
10	QPSK	25	12	22.01	22.11	22.04
10	QPSK	25	25	22.05	22.20	22.03
10	QPSK	50	0	22.07	22.08	22.11
10	16QAM	1	0	22.19	22.24	22.11
10	16QAM	1	25	22.13	22.16	22.10
10	16QAM	1	49	22.18	22.05	22.10
10	16QAM	25	0	21.21	21.37	21.18
10	16QAM	25	12	21.28	21.18	21.05
10	16QAM	25	25	21.33	21.14	21.26
10	16QAM	50	0	21.05	21.24	21.30
10	64QAM	1	0	21.06	21.20	21.05
10	64QAM	1	25	21.12	21.11	21.07
10	64QAM	1	49	21.20	21.13	21.09
10	64QAM	25	0	20.14	20.46	20.23
10	64QAM	25	12	20.36	20.12	20.15
10	64QAM	25	25	20.18	20.03	20.36
10	64QAM	50	0	20.06	20.20	20.24



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	23.00	23.15	23.10
5	QPSK	1	12	23.00	23.05	23.01
5	QPSK	1	24	23.11	23.13	23.06
5	QPSK	12	0	22.00	22.13	22.11
5	QPSK	12	7	22.03	22.01	22.12
5	QPSK	12	13	22.09	22.11	22.12
5	QPSK	25	0	22.10	22.09	22.08
5	16QAM	1	0	22.09	22.15	22.12
5	16QAM	1	12	22.12	22.10	22.03
5	16QAM	1	24	22.11	22.03	22.01
5	16QAM	12	0	21.16	21.28	21.14
5	16QAM	12	7	21.20	21.11	21.02
5	16QAM	12	13	21.20	21.11	21.18
5	16QAM	25	0	21.05	21.16	21.17
5	64QAM	1	0	21.07	21.23	21.08
5	64QAM	1	12	21.04	21.12	21.09
5	64QAM	1	24	21.07	21.13	21.10
5	64QAM	12	0	20.07	20.33	20.28
5	64QAM	12	7	20.40	20.07	20.07
5	64QAM	12	13	20.10	20.06	20.23
5	64QAM	25	0	20.04	20.11	20.23



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	23.03	23.14	23.12
3	QPSK	1	8	23.05	23.11	23.12
3	QPSK	1	14	23.12	23.06	23.03
3	QPSK	8	0	22.02	22.21	22.09
3	QPSK	8	4	22.03	22.06	22.01
3	QPSK	8	7	22.11	22.09	22.10
3	QPSK	15	0	22.12	22.09	22.07
3	16QAM	1	0	22.13	22.19	22.12
3	16QAM	1	8	22.04	22.14	22.10
3	16QAM	1	14	22.11	22.10	22.12
3	16QAM	8	0	21.17	21.25	21.14
3	16QAM	8	4	21.18	21.05	21.03
3	16QAM	8	7	21.20	21.12	21.11
3	16QAM	15	0	21.09	21.18	21.18
3	64QAM	1	0	21.07	21.27	21.05
3	64QAM	1	8	21.10	21.05	21.11
3	64QAM	1	14	21.17	21.13	21.09
3	64QAM	8	0	20.11	20.32	20.14
3	64QAM	8	4	20.41	20.17	20.20
3	64QAM	8	7	20.19	20.08	20.34
3	64QAM	15	0	20.02	20.14	20.10



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	23.01	23.19	23.19
1.4	QPSK	1	3	23.11	23.01	23.09
1.4	QPSK	1	5	23.04	23.10	23.03
1.4	QPSK	3	0	23.00	23.14	23.00
1.4	QPSK	3	1	23.00	23.07	23.03
1.4	QPSK	3	3	23.01	23.11	23.08
1.4	QPSK	6	0	22.04	22.09	22.08
1.4	16QAM	1	0	22.16	22.25	22.07
1.4	16QAM	1	3	22.26	22.10	22.09
1.4	16QAM	1	5	22.14	22.06	22.04
1.4	16QAM	3	0	22.06	22.27	22.03
1.4	16QAM	3	1	22.20	22.06	22.03
1.4	16QAM	3	3	22.25	22.05	22.18
1.4	16QAM	6	0	21.08	21.14	21.32
1.4	64QAM	1	0	21.07	21.14	21.00
1.4	64QAM	1	3	21.11	21.02	21.17
1.4	64QAM	1	5	21.21	21.21	21.17
1.4	64QAM	3	0	21.10	21.42	21.12
1.4	64QAM	3	1	21.22	21.08	21.05
1.4	64QAM	3	3	21.04	21.04	21.34
1.4	64QAM	6	0	20.03	20.16	20.30



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	23.42	23.53	23.45
20	QPSK	1	49	23.36	23.44	23.39
20	QPSK	1	99	23.38	23.32	23.36
20	QPSK	50	0	22.62	22.69	22.64
20	QPSK	50	24	22.66	22.62	22.66
20	QPSK	50	50	22.60	22.60	22.62
20	QPSK	100	0	22.61	22.71	22.68
20	16QAM	1	0	22.57	22.66	22.66
20	16QAM	1	49	22.58	22.21	22.65
20	16QAM	1	99	22.64	22.49	22.70
20	16QAM	50	0	21.64	21.65	21.68
20	16QAM	50	24	21.63	21.58	21.58
20	16QAM	50	50	21.69	21.62	21.63
20	16QAM	100	0	21.66	21.78	21.78
20	64QAM	1	0	21.69	21.75	21.64
20	64QAM	1	49	21.60	21.55	21.73
20	64QAM	1	99	21.60	21.49	21.64
20	64QAM	50	0	20.73	20.65	20.91
20	64QAM	50	24	20.86	20.64	20.73
20	64QAM	50	50	20.81	20.71	20.81
20	64QAM	100	0	20.82	20.76	20.74



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	23.34	23.45	23.41
15	QPSK	1	37	23.25	23.34	23.34
15	QPSK	1	74	23.26	23.29	23.28
15	QPSK	36	0	22.52	22.62	22.55
15	QPSK	36	20	22.61	22.50	22.61
15	QPSK	36	39	22.52	22.49	22.58
15	QPSK	75	0	22.50	22.63	22.62
15	16QAM	1	0	22.46	22.57	22.60
15	16QAM	1	37	22.65	22.15	22.60
15	16QAM	1	74	22.62	22.38	22.55
15	16QAM	36	0	21.54	21.60	21.60
15	16QAM	36	20	21.54	21.54	21.49
15	16QAM	36	39	21.63	21.60	21.61
15	16QAM	75	0	21.57	21.63	21.76
15	64QAM	1	0	21.68	21.79	21.63
15	64QAM	1	37	21.48	21.46	21.72
15	64QAM	1	74	21.61	21.36	21.68
15	64QAM	36	0	20.73	20.61	20.93
15	64QAM	36	20	20.93	20.66	20.78
15	64QAM	36	39	20.67	20.68	20.81
15	64QAM	75	0	20.74	20.73	20.60



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	23.39	23.42	23.40
10	QPSK	1	25	23.33	23.40	23.27
10	QPSK	1	49	23.35	23.23	23.28
10	QPSK	25	0	22.52	22.60	22.53
10	QPSK	25	12	22.55	22.52	22.63
10	QPSK	25	25	22.48	22.50	22.52
10	QPSK	50	0	22.57	22.68	22.60
10	16QAM	1	0	22.45	22.61	22.62
10	16QAM	1	25	22.52	22.30	22.51
10	16QAM	1	49	22.60	22.45	22.64
10	16QAM	25	0	21.54	21.63	21.62
10	16QAM	25	12	21.56	21.45	21.50
10	16QAM	25	25	21.64	21.51	21.56
10	16QAM	50	0	21.52	21.71	21.63
10	64QAM	1	0	21.68	21.70	21.60
10	64QAM	1	25	21.46	21.41	21.63
10	64QAM	1	49	21.63	21.39	21.60
10	64QAM	25	0	20.75	20.69	20.80
10	64QAM	25	12	20.83	20.62	20.61
10	64QAM	25	25	20.84	20.74	20.67
10	64QAM	50	0	20.88	20.65	20.76



LTE Band 7						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20775	21100	21425
Frequency (MHz)				2502.5	2535	2567.5
5	QPSK	1	0	23.30	23.42	23.34
5	QPSK	1	12	23.25	23.40	23.35
5	QPSK	1	24	23.32	23.28	23.27
5	QPSK	12	0	22.56	22.64	22.53
5	QPSK	12	7	22.56	22.55	22.60
5	QPSK	12	13	22.50	22.55	22.56
5	QPSK	25	0	22.52	22.66	22.56
5	16QAM	1	0	22.49	22.60	22.56
5	16QAM	1	12	22.59	22.17	22.63
5	16QAM	1	24	22.51	22.42	22.63
5	16QAM	12	0	21.52	21.56	21.66
5	16QAM	12	7	21.55	21.53	21.56
5	16QAM	12	13	21.54	21.47	21.61
5	16QAM	25	0	21.59	21.75	21.73
5	64QAM	1	0	21.59	21.74	21.49
5	64QAM	1	12	21.50	21.51	21.76
5	64QAM	1	24	21.60	21.35	21.54
5	64QAM	12	0	20.76	20.72	20.98
5	64QAM	12	7	20.84	20.55	20.58
5	64QAM	12	13	20.67	20.59	20.82
5	64QAM	25	0	20.80	20.76	20.59



LTE Band 12						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23060	23095	23130
Frequency (MHz)				704	707.5	711
10	QPSK	1	0	23.46	23.50	23.49
10	QPSK	1	25	23.40	23.33	23.24
10	QPSK	1	49	23.49	23.32	23.26
10	QPSK	25	0	22.43	22.49	22.26
10	QPSK	25	12	22.31	22.26	22.24
10	QPSK	25	25	22.39	22.32	22.30
10	QPSK	50	0	22.31	22.39	22.30
10	16QAM	1	0	22.60	22.38	22.37
10	16QAM	1	25	22.40	22.33	22.28
10	16QAM	1	49	22.47	22.36	22.36
10	16QAM	25	0	21.56	21.43	21.63
10	16QAM	25	12	21.56	21.63	21.51
10	16QAM	25	25	21.57	21.46	21.44
10	16QAM	50	0	21.44	21.33	21.28
10	64QAM	1	0	21.73	21.27	21.29
10	64QAM	1	25	21.47	21.41	21.44
10	64QAM	1	49	21.52	21.25	21.34
10	64QAM	25	0	20.56	20.32	20.57
10	64QAM	25	12	20.59	20.75	20.44
10	64QAM	25	25	20.55	20.54	20.52
10	64QAM	50	0	20.41	20.43	20.36



LTE Band 12						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23035	23095	23155
Frequency (MHz)				701.5	707.5	713.5
5	QPSK	1	0	23.35	23.38	23.37
5	QPSK	1	12	23.33	23.25	23.18
5	QPSK	1	24	23.39	23.20	23.16
5	QPSK	12	0	22.39	22.42	22.19
5	QPSK	12	7	22.22	22.22	22.19
5	QPSK	12	13	22.27	22.29	22.26
5	QPSK	25	0	22.25	22.30	22.26
5	16QAM	1	0	22.49	22.27	22.29
5	16QAM	1	12	22.35	22.18	22.15
5	16QAM	1	24	22.32	22.23	22.31
5	16QAM	12	0	21.54	21.33	21.61
5	16QAM	12	7	21.45	21.58	21.39
5	16QAM	12	13	21.47	21.36	21.29
5	16QAM	25	0	21.34	21.26	21.13
5	64QAM	1	0	21.60	21.12	21.32
5	64QAM	1	12	21.53	21.48	21.39
5	64QAM	1	24	21.41	21.18	21.35
5	64QAM	12	0	20.47	20.35	20.43
5	64QAM	12	7	20.45	20.70	20.29
5	64QAM	12	13	20.45	20.50	20.56
5	64QAM	25	0	20.40	20.30	20.39



LTE Band 12						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23025	23095	23165
Frequency (MHz)				700.5	707.5	714.5
3	QPSK	1	0	23.40	23.41	23.45
3	QPSK	1	8	23.37	23.21	23.21
3	QPSK	1	14	23.38	23.22	23.22
3	QPSK	8	0	22.36	22.43	22.23
3	QPSK	8	4	22.24	22.17	22.18
3	QPSK	8	7	22.30	22.29	22.27
3	QPSK	15	0	22.25	22.34	22.19
3	16QAM	1	0	22.51	22.32	22.30
3	16QAM	1	8	22.42	22.31	22.26
3	16QAM	1	14	22.41	22.32	22.22
3	16QAM	8	0	21.49	21.37	21.58
3	16QAM	8	4	21.42	21.52	21.46
3	16QAM	8	7	21.46	21.43	21.34
3	16QAM	15	0	21.35	21.22	21.17
3	64QAM	1	0	21.57	21.34	21.26
3	64QAM	1	8	21.38	21.33	21.40
3	64QAM	1	14	21.52	21.15	21.22
3	64QAM	8	0	20.59	20.36	20.46
3	64QAM	8	4	20.47	20.67	20.48
3	64QAM	8	7	20.43	20.40	20.58
3	64QAM	15	0	20.30	20.42	20.33



LTE Band 12						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23017	23095	23173
Frequency (MHz)				699.7	707.5	715.3
1.4	QPSK	1	0	23.35	23.39	23.37
1.4	QPSK	1	3	23.36	23.29	23.16
1.4	QPSK	1	5	23.42	23.25	23.19
1.4	QPSK	3	0	23.13	23.24	23.00
1.4	QPSK	3	1	23.02	23.03	23.01
1.4	QPSK	3	3	23.14	23.04	23.00
1.4	QPSK	6	0	22.26	22.36	22.24
1.4	16QAM	1	0	22.52	22.30	22.29
1.4	16QAM	1	3	22.45	22.19	22.17
1.4	16QAM	1	5	22.44	22.28	22.29
1.4	16QAM	3	0	22.22	22.17	22.41
1.4	16QAM	3	1	22.28	22.32	22.25
1.4	16QAM	3	3	22.32	22.13	22.16
1.4	16QAM	6	0	21.42	21.20	21.16
1.4	64QAM	1	0	21.23	21.19	21.34
1.4	64QAM	1	3	21.49	21.32	21.34
1.4	64QAM	1	5	21.46	21.25	21.21
1.4	64QAM	3	0	21.28	21.30	21.22
1.4	64QAM	3	1	21.32	21.52	21.22
1.4	64QAM	3	3	21.34	21.38	21.31
1.4	64QAM	6	0	20.33	20.45	20.26



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	/	23.04	/
10	QPSK	1	25	/	23.30	/
10	QPSK	1	49	/	23.51	/
10	QPSK	25	0	/	22.56	/
10	QPSK	25	12	/	22.88	/
10	QPSK	25	25	/	23.06	/
10	QPSK	50	0	/	22.76	/
10	16QAM	1	0	/	22.32	/
10	16QAM	1	25	/	22.50	/
10	16QAM	1	49	/	22.79	/
10	16QAM	25	0	/	21.58	/
10	16QAM	25	12	/	21.90	/
10	16QAM	25	25	/	21.75	/
10	16QAM	50	0	/	21.82	/
10	64QAM	1	0	/	21.28	/
10	64QAM	1	25	/	21.48	/
10	64QAM	1	49	/	21.70	/
10	64QAM	25	0	/	20.70	/
10	64QAM	25	12	/	20.60	/
10	64QAM	25	25	/	20.81	/
10	64QAM	50	0	/	20.83	/



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	23.05	23.13	23.00
5	QPSK	1	12	23.08	23.05	23.05
5	QPSK	1	24	23.06	23.08	23.03
5	QPSK	12	0	22.03	22.14	22.07
5	QPSK	12	7	22.06	22.01	22.08
5	QPSK	12	13	22.00	22.17	22.01
5	QPSK	25	0	22.02	22.07	22.04
5	16QAM	1	0	22.33	22.37	22.20
5	16QAM	1	12	22.28	22.22	22.18
5	16QAM	1	24	22.26	22.29	22.28
5	16QAM	12	0	21.40	21.26	21.38
5	16QAM	12	7	21.36	21.21	21.34
5	16QAM	12	13	21.13	21.22	21.16
5	16QAM	25	0	22.20	22.28	22.13
5	64QAM	1	0	21.48	21.45	21.16
5	64QAM	1	12	21.24	21.09	21.05
5	64QAM	1	24	21.39	21.26	21.15
5	64QAM	12	0	20.44	20.20	20.42
5	64QAM	12	7	20.42	20.35	20.26
5	64QAM	12	13	20.14	20.11	20.16
5	64QAM	25	0	21.24	21.48	21.24



LTE Band 17						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23780	23790	23800
Frequency (MHz)				709	710	711
10	QPSK	1	0	23.12	23.20	23.18
10	QPSK	1	25	23.14	23.19	23.12
10	QPSK	1	49	23.06	23.06	23.01
10	QPSK	25	0	22.09	22.10	22.09
10	QPSK	25	12	22.01	22.12	22.00
10	QPSK	25	25	22.09	22.10	22.04
10	QPSK	50	0	22.07	22.11	22.04
10	16QAM	1	0	22.21	22.40	22.12
10	16QAM	1	25	22.34	22.18	22.20
10	16QAM	1	49	22.19	22.21	22.10
10	16QAM	25	0	21.30	21.23	21.19
10	16QAM	25	12	21.12	21.23	21.13
10	16QAM	25	25	21.16	21.17	21.32
10	16QAM	50	0	21.12	21.36	21.16
10	64QAM	1	0	21.05	21.37	21.11
10	64QAM	1	25	21.50	21.09	21.09
10	64QAM	1	49	21.04	21.20	21.12
10	64QAM	25	0	20.39	20.22	20.17
10	64QAM	25	12	20.00	20.31	20.09
10	64QAM	25	25	20.17	20.33	20.35
10	64QAM	50	0	20.05	20.48	20.03



LTE Band 17						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23755	23790	23825
Frequency (MHz)				706.5	710	713.5
5	QPSK	1	0	23.03	23.17	23.11
5	QPSK	1	12	23.11	23.15	23.09
5	QPSK	1	24	23.03	23.03	23.03
5	QPSK	12	0	22.06	22.07	22.06
5	QPSK	12	7	22.03	22.09	22.02
5	QPSK	12	13	22.06	22.07	22.01
5	QPSK	25	0	22.04	22.08	22.01
5	16QAM	1	0	22.18	22.37	22.09
5	16QAM	1	12	22.31	22.15	22.17
5	16QAM	1	24	22.16	22.18	22.07
5	16QAM	12	0	21.27	21.20	21.16
5	16QAM	12	7	21.09	21.20	21.10
5	16QAM	12	13	21.13	21.14	21.29
5	16QAM	25	0	21.09	21.33	21.13
5	64QAM	1	0	21.02	21.34	21.08
5	64QAM	1	12	21.47	21.06	21.06
5	64QAM	1	24	21.01	21.17	21.09
5	64QAM	12	0	20.36	20.19	20.14
5	64QAM	12	7	20.02	20.28	20.06
5	64QAM	12	13	20.14	20.30	20.32
5	64QAM	25	0	20.02	20.45	20.00



LTE Band 25						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26140	26365	26590
Frequency (MHz)				1860	1882.5	1905
20	QPSK	1	0	23.20	23.29	23.33
20	QPSK	1	49	23.21	23.26	23.30
20	QPSK	1	99	23.19	23.05	23.24
20	QPSK	50	0	22.35	22.33	22.41
20	QPSK	50	24	22.10	22.27	22.34
20	QPSK	50	50	22.14	22.10	22.35
20	QPSK	100	0	22.06	22.09	22.23
20	16QAM	1	0	22.28	22.36	22.47
20	16QAM	1	49	22.30	22.18	22.31
20	16QAM	1	99	22.05	22.26	22.20
20	16QAM	50	0	21.31	21.42	21.44
20	16QAM	50	24	21.25	21.42	21.46
20	16QAM	50	50	21.29	21.21	21.35
20	16QAM	100	0	21.32	21.19	21.21
20	64QAM	1	0	21.43	21.37	21.42
20	64QAM	1	49	21.43	21.07	21.22
20	64QAM	1	99	21.00	21.23	21.12
20	64QAM	50	0	20.33	20.50	20.58
20	64QAM	50	24	20.34	20.38	20.39
20	64QAM	50	50	20.38	20.16	20.50
20	64QAM	100	0	20.16	20.09	20.16



LTE Band 25						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26115	26365	26615
Frequency (MHz)				1857.5	1882.5	1907.5
15	QPSK	1	0	23.11	23.20	23.30
15	QPSK	1	37	23.13	23.15	23.18
15	QPSK	1	74	23.15	23.05	23.13
15	QPSK	36	0	22.24	22.22	22.30
15	QPSK	36	20	22.06	22.19	22.31
15	QPSK	36	39	22.06	22.05	22.23
15	QPSK	75	0	22.04	22.02	22.20
15	16QAM	1	0	22.16	22.33	22.36
15	16QAM	1	37	22.20	22.09	22.27
15	16QAM	1	74	22.00	22.15	22.13
15	16QAM	36	0	21.27	21.28	21.29
15	16QAM	36	20	21.18	21.39	21.39
15	16QAM	36	39	21.27	21.14	21.25
15	16QAM	75	0	21.17	21.09	21.19
15	64QAM	1	0	21.50	21.38	21.34
15	64QAM	1	37	21.31	21.02	21.20
15	64QAM	1	74	21.02	21.14	21.09
15	64QAM	36	0	20.25	20.39	20.52
15	64QAM	36	20	20.31	20.31	20.24
15	64QAM	36	39	20.26	20.20	20.52
15	64QAM	75	0	20.13	20.00	20.19



LTE Band 25						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26090	26365	26640
Frequency (MHz)				1855	1882.5	1910
10	QPSK	1	0	23.14	23.25	23.22
10	QPSK	1	25	23.18	23.15	23.24
10	QPSK	1	49	23.12	23.07	23.15
10	QPSK	25	0	22.29	22.28	22.33
10	QPSK	25	12	22.00	22.20	22.26
10	QPSK	25	25	22.07	22.02	22.23
10	QPSK	50	0	22.08	22.07	22.19
10	16QAM	1	0	22.20	22.31	22.43
10	16QAM	1	25	22.22	22.09	22.24
10	16QAM	1	49	22.00	22.20	22.05
10	16QAM	25	0	21.29	21.32	21.32
10	16QAM	25	12	21.19	21.38	21.32
10	16QAM	25	25	21.25	21.15	21.28
10	16QAM	50	0	21.28	21.11	21.15
10	64QAM	1	0	21.34	21.39	21.45
10	64QAM	1	25	21.40	21.01	21.10
10	64QAM	1	49	21.02	21.26	21.14
10	64QAM	25	0	20.40	20.40	20.54
10	64QAM	25	12	20.24	20.36	20.29
10	64QAM	25	25	20.42	20.11	20.53
10	64QAM	50	0	20.18	20.16	20.21



LTE Band 25						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26065	26365	26665
Frequency (MHz)				1852.5	1882.5	1912.5
5	QPSK	1	0	23.16	23.19	23.30
5	QPSK	1	12	23.14	23.19	23.23
5	QPSK	1	24	23.11	23.08	23.15
5	QPSK	12	0	22.28	22.28	22.32
5	QPSK	12	7	22.06	22.21	22.25
5	QPSK	12	13	22.07	22.07	22.23
5	QPSK	25	0	22.06	22.06	22.18
5	16QAM	1	0	22.20	22.29	22.43
5	16QAM	1	12	22.26	22.13	22.29
5	16QAM	1	24	22.02	22.16	22.06
5	16QAM	12	0	21.20	21.32	21.37
5	16QAM	12	7	21.16	21.38	21.41
5	16QAM	12	13	21.20	21.17	21.30
5	16QAM	25	0	21.18	21.15	21.14
5	64QAM	1	0	21.33	21.36	21.36
5	64QAM	1	12	21.50	21.03	21.25
5	64QAM	1	24	21.06	21.12	21.00
5	64QAM	12	0	20.29	20.51	20.46
5	64QAM	12	7	20.38	20.40	20.46
5	64QAM	12	13	20.44	20.03	20.53
5	64QAM	25	0	20.17	20.16	20.14



LTE Band 25						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26055	26365	26675
Frequency (MHz)				1851.5	1882.5	1913.5
3	QPSK	1	0	23.09	23.19	23.30
3	QPSK	1	8	23.09	23.20	23.21
3	QPSK	1	14	23.11	23.07	23.21
3	QPSK	8	0	22.24	22.27	22.29
3	QPSK	8	4	22.05	22.22	22.26
3	QPSK	8	7	22.03	22.04	22.31
3	QPSK	15	0	22.08	22.05	22.19
3	16QAM	1	0	22.18	22.25	22.39
3	16QAM	1	8	22.22	22.03	22.21
3	16QAM	1	14	22.07	22.23	22.16
3	16QAM	8	0	21.27	21.31	21.29
3	16QAM	8	4	21.19	21.28	21.43
3	16QAM	8	7	21.23	21.15	21.29
3	16QAM	15	0	21.29	21.13	21.13
3	64QAM	1	0	21.39	21.29	21.34
3	64QAM	1	8	21.44	21.04	21.11
3	64QAM	1	14	21.07	21.24	21.00
3	64QAM	8	0	20.37	20.49	20.52
3	64QAM	8	4	20.22	20.34	20.37
3	64QAM	8	7	20.32	20.15	20.44



LTE Band 25						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26047	26365	26683
Frequency (MHz)				1850.7	1882.5	1914.3
1.4	QPSK	1	0	23.08	23.23	23.24
1.4	QPSK	1	3	23.18	23.23	23.20
1.4	QPSK	1	5	23.10	23.00	23.16
1.4	QPSK	3	0	23.08	23.03	23.11
1.4	QPSK	3	1	23.01	23.18	23.03
1.4	QPSK	3	3	23.04	23.00	23.09
1.4	QPSK	6	0	22.04	22.02	22.12
1.4	16QAM	1	0	22.16	22.31	22.43
1.4	16QAM	1	3	22.37	22.04	22.22
1.4	16QAM	1	5	22.02	22.22	22.12
1.4	16QAM	3	0	22.18	22.14	22.19
1.4	16QAM	3	1	22.15	22.17	22.23
1.4	16QAM	3	3	22.17	22.09	22.02
1.4	16QAM	6	0	21.18	21.14	21.10
1.4	64QAM	1	0	21.34	21.26	21.27
1.4	64QAM	1	3	21.48	21.03	21.28
1.4	64QAM	1	5	21.00	21.26	21.08
1.4	64QAM	3	0	21.06	21.31	21.28
1.4	64QAM	3	1	21.08	21.12	21.18
1.4	64QAM	3	3	21.22	21.01	21.26
1.4	64QAM	6	0	20.08	20.02	20.08



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	22.36	22.39	22.54
15	QPSK	1	37	22.50	22.47	22.12
15	QPSK	1	74	22.37	21.95	21.43
15	QPSK	36	0	21.45	21.72	21.66
15	QPSK	36	20	21.36	21.68	21.36
15	QPSK	36	39	21.59	21.40	20.69
15	QPSK	75	0	21.34	21.54	21.32
15	16QAM	1	0	21.37	21.27	21.68
15	16QAM	1	37	21.50	21.67	21.10
15	16QAM	1	74	21.31	20.96	20.90
15	16QAM	36	0	20.49	20.65	20.60
15	16QAM	36	20	20.51	20.49	20.35
15	16QAM	36	39	20.42	20.39	20.01
15	16QAM	75	0	20.42	20.51	20.30
15	64QAM	1	0	20.29	20.36	20.57
15	64QAM	1	37	20.33	20.44	19.82
15	64QAM	1	74	20.21	19.50	19.41
15	64QAM	36	0	19.37	19.38	19.34
15	64QAM	36	20	19.43	19.32	19.17
15	64QAM	36	39	19.54	19.36	18.79
15	64QAM	75	0	19.38	19.43	19.14



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				26840	26915	26990
Frequency (MHz)				829.0	836.5	844.0
10	QPSK	1	0	22.45	22.50	22.52
10	QPSK	1	25	22.34	22.58	21.61
10	QPSK	1	49	22.25	22.31	21.69
10	QPSK	25	0	21.46	21.69	21.31
10	QPSK	25	12	21.49	21.72	20.92
10	QPSK	25	25	21.36	21.44	20.61
10	QPSK	50	0	21.52	21.58	21.11
10	16QAM	1	0	21.37	21.63	21.44
10	16QAM	1	25	21.34	21.69	21.09
10	16QAM	1	49	21.57	21.30	20.72
10	16QAM	25	0	20.37	20.66	20.26
10	16QAM	25	12	20.43	20.54	20.08
10	16QAM	25	25	20.38	20.49	19.83
10	16QAM	50	0	20.49	20.48	20.11
10	64QAM	1	0	20.30	20.29	20.33
10	64QAM	1	25	20.09	20.32	19.56
10	64QAM	1	49	20.18	20.12	19.47
10	64QAM	25	0	19.39	19.63	19.27
10	64QAM	25	12	19.34	19.59	18.93
10	64QAM	25	25	19.38	19.40	18.69
10	64QAM	50	0	19.33	19.46	18.99



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	22.48	22.12	21.52
5	QPSK	1	12	22.30	22.39	21.52
5	QPSK	1	24	22.36	22.16	21.64
5	QPSK	12	0	21.52	21.75	20.62
5	QPSK	12	7	21.41	21.74	20.74
5	QPSK	12	13	21.35	21.54	20.82
5	QPSK	25	0	21.39	21.72	20.79
5	16QAM	1	0	21.27	21.68	20.94
5	16QAM	1	12	21.23	21.63	21.01
5	16QAM	1	24	21.34	21.30	20.40
5	16QAM	12	0	20.37	20.61	19.91
5	16QAM	12	7	20.31	20.56	19.86
5	16QAM	12	13	20.20	20.51	19.94
5	16QAM	25	0	20.20	20.46	19.83
5	64QAM	1	0	20.27	20.37	19.49
5	64QAM	1	12	20.10	20.21	19.44
5	64QAM	1	24	20.23	20.45	19.54
5	64QAM	12	0	19.36	19.60	18.72
5	64QAM	12	7	19.38	19.61	18.73
5	64QAM	12	13	19.24	19.56	18.64
5	64QAM	25	0	19.27	19.41	18.64



LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26805	26915	27025
Frequency (MHz)				825.5	836.5	847.5
3	QPSK	1	0	22.47	22.14	21.54
3	QPSK	1	8	22.46	22.07	21.46
3	QPSK	1	14	22.31	22.13	21.28
3	QPSK	8	0	21.50	21.77	20.66
3	QPSK	8	4	21.51	21.74	20.71
3	QPSK	8	7	21.55	21.66	20.63
3	QPSK	15	0	21.43	21.68	20.68
3	16QAM	1	0	21.38	21.78	21.00
3	16QAM	1	8	21.48	21.85	21.02
3	16QAM	1	14	21.14	21.61	20.75
3	16QAM	8	0	20.46	20.62	19.96
3	16QAM	8	4	20.54	20.65	19.95
3	16QAM	8	7	20.45	20.44	19.82
3	16QAM	15	0	20.35	20.61	19.84
3	64QAM	1	0	20.19	20.40	19.55
3	64QAM	1	8	20.31	20.31	19.62
3	64QAM	1	14	20.09	20.35	19.57
3	64QAM	8	0	19.35	19.60	18.82
3	64QAM	8	4	19.38	19.57	18.74
3	64QAM	8	7	19.31	19.46	18.70
3	64QAM	15	0	19.32	19.57	18.68



LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26797	26915	27033
Frequency (MHz)				824.7	836.5	848.3
1.4	QPSK	1	0	22.38	22.29	21.38
1.4	QPSK	1	3	22.49	22.42	21.50
1.4	QPSK	1	5	22.44	22.44	21.50
1.4	QPSK	3	0	22.46	22.17	21.32
1.4	QPSK	3	1	22.45	22.10	21.51
1.4	QPSK	3	3	22.31	22.06	21.51
1.4	QPSK	6	0	21.53	21.65	20.53
1.4	16QAM	1	0	21.47	21.68	20.88
1.4	16QAM	1	3	21.56	21.69	20.65
1.4	16QAM	1	5	21.48	21.67	20.83
1.4	16QAM	3	0	21.17	21.24	20.64
1.4	16QAM	3	1	21.19	21.33	20.64
1.4	16QAM	3	3	21.24	21.25	20.46
1.4	16QAM	6	0	20.37	20.75	19.76
1.4	64QAM	1	0	20.32	20.35	19.44
1.4	64QAM	1	3	20.24	20.24	19.33
1.4	64QAM	1	5	20.07	20.39	19.47
1.4	64QAM	3	0	20.39	20.53	19.71
1.4	64QAM	3	1	20.37	20.75	19.82
1.4	64QAM	3	3	20.34	20.48	19.65
1.4	64QAM	6	0	19.09	19.42	18.48



LTE Band 41						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39750	40620	41490
Frequency (MHz)				2506	2593	2680
20	QPSK	1	0	23.35	23.17	23.20
20	QPSK	1	49	23.24	23.12	23.12
20	QPSK	1	99	23.30	23.14	23.28
20	QPSK	50	0	22.31	22.26	22.04
20	QPSK	50	24	22.17	22.21	22.03
20	QPSK	50	50	22.13	22.17	22.01
20	QPSK	100	0	22.32	22.10	22.10
20	16QAM	1	0	22.02	22.35	22.05
20	16QAM	1	49	22.06	22.25	22.10
20	16QAM	1	99	22.09	22.29	22.05
20	16QAM	50	0	21.28	21.23	21.21
20	16QAM	50	24	21.11	21.11	21.23
20	16QAM	50	50	21.05	21.02	21.05
20	16QAM	100	0	21.28	21.08	21.11
20	64QAM	1	0	21.19	21.23	21.05
20	64QAM	1	49	21.16	21.22	21.19
20	64QAM	1	99	21.18	21.19	21.05
20	64QAM	50	0	20.32	20.19	20.05
20	64QAM	50	24	20.11	20.26	20.39
20	64QAM	50	50	20.07	20.09	20.10
20	64QAM	100	0	20.22	20.18	20.11



LTE Band 41						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39725	40620	41515
Frequency (MHz)				2503.5	2593	2682.5
15	QPSK	1	0	23.30	23.14	23.12
15	QPSK	1	37	23.19	23.08	23.02
15	QPSK	1	74	23.22	23.10	23.18
15	QPSK	36	0	22.23	22.15	22.08
15	QPSK	36	20	22.06	22.11	22.06
15	QPSK	36	39	22.07	22.13	22.08
15	QPSK	75	0	22.20	22.03	22.13
15	16QAM	1	0	22.03	22.24	22.12
15	16QAM	1	37	22.11	22.16	22.07
15	16QAM	1	74	22.11	22.25	22.10
15	16QAM	36	0	21.33	21.22	21.19
15	16QAM	36	20	21.14	21.16	21.19
15	16QAM	36	39	21.10	21.08	21.00
15	16QAM	75	0	21.17	21.02	21.10
15	64QAM	1	0	21.20	21.26	21.10
15	64QAM	1	37	21.13	21.18	21.25
15	64QAM	1	74	21.14	21.18	21.11
15	64QAM	36	0	20.25	20.13	20.11
15	64QAM	36	20	20.17	20.13	20.42
15	64QAM	36	39	20.11	20.10	20.01
15	64QAM	75	0	20.16	20.10	20.03



LTE Band 41						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39700	40620	41540
Frequency (MHz)				2501	2593	2685
10	QPSK	1	0	23.24	23.09	23.15
10	QPSK	1	25	23.19	23.01	23.07
10	QPSK	1	49	23.22	23.09	23.23
10	QPSK	25	0	22.28	22.15	22.01
10	QPSK	25	12	22.07	22.10	22.00
10	QPSK	25	25	22.10	22.11	22.01
10	QPSK	50	0	22.26	22.06	22.09
10	16QAM	1	0	22.07	22.38	22.03
10	16QAM	1	25	22.04	22.21	22.03
10	16QAM	1	49	22.15	22.22	22.07
10	16QAM	25	0	21.28	21.12	21.21
10	16QAM	25	12	21.03	21.06	21.19
10	16QAM	25	25	21.04	21.00	21.09
10	16QAM	50	0	21.19	21.12	21.01
10	64QAM	1	0	21.08	21.16	21.03
10	64QAM	1	25	21.11	21.12	21.23
10	64QAM	1	49	21.11	21.23	21.05
10	64QAM	25	0	20.37	20.14	20.00
10	64QAM	25	12	20.09	20.13	20.40
10	64QAM	25	25	20.08	20.06	20.09
10	64QAM	50	0	20.13	20.19	20.06



LTE Band 41						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39675	40620	41565
Frequency (MHz)				2498.5	2593	2687.5
5	QPSK	1	0	23.32	23.06	23.09
5	QPSK	1	12	23.19	23.09	23.07
5	QPSK	1	24	23.26	23.11	23.18
5	QPSK	12	0	22.27	22.18	22.10
5	QPSK	12	7	22.11	22.09	22.08
5	QPSK	12	13	22.08	22.06	22.06
5	QPSK	25	0	22.29	22.01	22.07
5	16QAM	1	0	22.02	22.38	22.13
5	16QAM	1	12	22.05	22.13	22.11
5	16QAM	1	24	22.02	22.32	22.01
5	16QAM	12	0	21.20	21.13	21.12
5	16QAM	12	7	21.05	21.12	21.10
5	16QAM	12	13	21.02	21.04	21.11
5	16QAM	25	0	21.31	21.07	21.00
5	64QAM	1	0	21.25	21.12	21.03
5	64QAM	1	12	21.03	21.18	21.14
5	64QAM	1	24	21.18	21.06	21.07
5	64QAM	12	0	20.29	20.12	20.07
5	64QAM	12	7	20.09	20.13	20.26
5	64QAM	12	13	20.09	20.04	20.01
5	64QAM	25	0	20.11	20.18	20.03



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	23.57	23.70	23.55
20	QPSK	1	49	23.60	23.69	23.50
20	QPSK	1	99	23.50	23.62	23.51
20	QPSK	50	0	22.51	22.67	22.54
20	QPSK	50	24	22.42	22.46	22.38
20	QPSK	50	50	22.21	22.36	22.18
20	QPSK	100	0	22.58	22.61	22.60
20	16QAM	1	0	22.65	22.74	22.70
20	16QAM	1	49	22.62	22.67	22.51
20	16QAM	1	99	22.54	22.53	22.48
20	16QAM	50	0	21.51	21.58	21.60
20	16QAM	50	24	21.54	21.53	21.71
20	16QAM	50	50	21.49	21.60	21.54
20	16QAM	100	0	21.52	21.62	21.78
20	64QAM	1	0	21.62	21.61	21.59
20	64QAM	1	49	21.55	21.53	21.49
20	64QAM	1	99	21.57	21.50	21.47
20	64QAM	50	0	20.54	20.58	20.63
20	64QAM	50	24	20.53	20.52	20.71
20	64QAM	50	50	20.61	20.63	20.58
20	64QAM	100	0	20.51	20.61	20.48



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	23.50	23.61	23.46
15	QPSK	1	37	23.54	23.65	23.42
15	QPSK	1	74	23.44	23.51	23.47
15	QPSK	36	0	22.45	22.41	22.48
15	QPSK	36	20	22.32	22.40	22.31
15	QPSK	36	39	22.11	22.27	22.14
15	QPSK	75	0	22.54	22.49	22.55
15	16QAM	1	0	22.58	22.66	22.63
15	16QAM	1	37	22.59	22.54	22.41
15	16QAM	1	74	22.44	22.48	22.46
15	16QAM	36	0	21.47	21.46	21.52
15	16QAM	36	20	21.45	21.39	21.63
15	16QAM	36	39	21.46	21.45	21.41
15	16QAM	75	0	21.50	21.60	21.71
15	64QAM	1	0	21.60	21.56	21.47
15	64QAM	1	37	21.40	21.51	21.42
15	64QAM	1	74	21.51	21.47	21.49
15	64QAM	36	0	20.44	20.57	20.62
15	64QAM	36	20	20.56	20.42	20.63
15	64QAM	36	39	20.63	20.48	20.51
15	64QAM	75	0	20.42	20.60	20.43



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				132022	132322	132622
Frequency (MHz)				1715	1745	1775
10	QPSK	1	0	23.49	23.60	23.52
10	QPSK	1	25	23.54	23.61	23.38
10	QPSK	1	49	23.43	23.50	23.43
10	QPSK	25	0	22.47	22.52	22.46
10	QPSK	25	12	22.33	22.37	22.30
10	QPSK	25	25	22.16	22.24	22.07
10	QPSK	50	0	22.53	22.58	22.48
10	16QAM	1	0	22.55	22.70	22.64
10	16QAM	1	25	22.69	22.56	22.47
10	16QAM	1	49	22.39	22.41	22.41
10	16QAM	25	0	21.43	21.52	21.48
10	16QAM	25	12	21.44	21.44	21.62
10	16QAM	25	25	21.42	21.54	21.44
10	16QAM	50	0	21.48	21.57	21.71
10	64QAM	1	0	21.69	21.59	21.46
10	64QAM	1	25	21.57	21.42	21.51
10	64QAM	1	49	21.63	21.50	21.37
10	64QAM	25	0	20.53	20.52	20.60
10	64QAM	25	12	20.59	20.52	20.70
10	64QAM	25	25	20.48	20.61	20.54
10	64QAM	50	0	20.36	20.64	20.51



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	23.46	23.61	23.51
5	QPSK	1	12	23.52	23.62	23.40
5	QPSK	1	24	23.40	23.54	23.44
5	QPSK	12	0	22.43	22.57	22.43
5	QPSK	12	7	22.30	22.34	22.33
5	QPSK	12	13	22.18	22.27	22.11
5	QPSK	25	0	22.46	22.50	22.50
5	16QAM	1	0	22.56	22.69	22.59
5	16QAM	1	12	22.52	22.54	22.49
5	16QAM	1	24	22.50	22.50	22.40
5	16QAM	12	0	21.45	21.55	21.52
5	16QAM	12	7	21.47	21.45	21.63
5	16QAM	12	13	21.34	21.47	21.39
5	16QAM	25	0	21.42	21.49	21.66
5	64QAM	1	0	21.68	21.50	21.64
5	64QAM	1	12	21.58	21.59	21.38
5	64QAM	1	24	21.47	21.44	21.48
5	64QAM	12	0	20.57	20.64	20.55
5	64QAM	12	7	20.39	20.57	20.69
5	64QAM	12	13	20.55	20.69	20.65
5	64QAM	25	0	20.37	20.59	20.55



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	23.50	23.60	23.51
3	QPSK	1	8	23.49	23.66	23.42
3	QPSK	1	14	23.46	23.52	23.47
3	QPSK	8	0	22.41	22.51	22.51
3	QPSK	8	4	22.39	22.34	22.29
3	QPSK	8	7	22.09	22.27	22.12
3	QPSK	15	0	22.55	22.56	22.51
3	16QAM	1	0	22.56	22.67	22.59
3	16QAM	1	8	22.56	22.58	22.44
3	16QAM	1	14	22.44	22.39	22.41
3	16QAM	8	0	21.37	21.45	21.45
3	16QAM	8	4	21.44	21.38	21.68
3	16QAM	8	7	21.39	21.51	21.42
3	16QAM	15	0	21.44	21.59	21.70
3	64QAM	1	0	21.60	21.56	21.48
3	64QAM	1	8	21.51	21.49	21.44
3	64QAM	1	14	21.48	21.48	21.46
3	64QAM	8	0	20.52	20.52	20.63
3	64QAM	8	4	20.60	20.53	20.69
3	64QAM	8	7	20.66	20.68	20.60



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	23.54	23.60	23.51
1.4	QPSK	1	3	23.52	23.61	23.41
1.4	QPSK	1	5	23.40	23.52	23.41
1.4	QPSK	3	0	23.37	23.51	23.37
1.4	QPSK	3	1	23.26	23.29	23.30
1.4	QPSK	3	3	23.06	23.28	23.08
1.4	QPSK	6	0	22.53	22.56	22.56
1.4	16QAM	1	0	22.61	22.63	22.61
1.4	16QAM	1	3	22.67	22.52	22.38
1.4	16QAM	1	5	22.40	22.45	22.44
1.4	16QAM	3	0	22.38	22.41	22.47
1.4	16QAM	3	1	22.34	22.42	22.61
1.4	16QAM	3	3	22.39	22.44	22.46
1.4	16QAM	6	0	21.42	21.50	21.66
1.4	64QAM	1	0	21.55	21.63	21.44
1.4	64QAM	1	3	21.56	21.43	21.36
1.4	64QAM	1	5	21.51	21.55	21.39
1.4	64QAM	3	0	21.42	21.38	21.46
1.4	64QAM	3	1	21.55	21.49	21.55
1.4	64QAM	3	3	21.50	21.51	21.49
1.4	64QAM	6	0	20.41	20.62	20.45



LTE Band 71						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				133222	133322	133372
Frequency (MHz)				673	683	688
20	QPSK	1	0	23.06	23.19	23.11
20	QPSK	1	49	23.08	23.11	23.03
20	QPSK	1	99	23.02	23.13	23.12
20	QPSK	50	0	22.09	22.19	22.10
20	QPSK	50	24	22.03	22.04	22.04
20	QPSK	50	50	22.10	22.07	22.11
20	QPSK	100	0	22.03	22.07	22.01
20	16QAM	1	0	22.19	22.38	22.17
20	16QAM	1	49	22.15	22.07	22.17
20	16QAM	1	99	22.08	22.08	22.23
20	16QAM	50	0	21.26	21.22	21.14
20	16QAM	50	24	21.19	21.25	21.01
20	16QAM	50	50	21.29	21.17	21.00
20	16QAM	100	0	21.30	21.08	21.02
20	64QAM	1	0	21.35	21.51	21.08
20	64QAM	1	49	21.23	21.37	21.19
20	64QAM	1	99	21.05	21.13	21.20
20	64QAM	50	0	20.31	20.21	20.00
20	64QAM	50	24	20.37	20.44	20.00
20	64QAM	50	50	20.35	20.26	20.02
20	64QAM	100	0	20.31	20.08	20.14



LTE Band 71						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				133197	133297	133397
Frequency (MHz)				670.5	680.5	690.5
15	QPSK	1	0	23.01	23.16	23.05
15	QPSK	1	37	23.03	23.03	23.00
15	QPSK	1	74	23.12	23.06	23.00
15	QPSK	36	0	22.00	22.15	22.03
15	QPSK	36	20	21.96	22.01	22.00
15	QPSK	36	39	22.06	21.97	22.02
15	QPSK	75	0	21.97	22.04	21.91
15	16QAM	1	0	22.15	22.29	22.11
15	16QAM	1	37	22.21	22.05	22.09
15	16QAM	1	74	22.04	21.98	22.09
15	16QAM	36	0	21.14	21.08	21.01
15	16QAM	36	20	21.15	21.19	20.97
15	16QAM	36	39	21.14	21.03	20.95
15	16QAM	75	0	21.25	20.96	20.98
15	64QAM	1	0	21.32	21.38	21.16
15	64QAM	1	37	21.25	21.24	21.26
15	64QAM	1	74	21.11	21.14	21.13
15	64QAM	36	0	20.30	20.11	20.11
15	64QAM	36	20	20.36	20.51	20.06
15	64QAM	36	39	20.32	20.18	19.96
15	64QAM	75	0	20.16	20.14	20.21



LTE Band 71						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				133172	133272	133422
Frequency (MHz)				668	678	693
10	QPSK	1	0	23.17	23.14	23.07
10	QPSK	1	25	23.03	23.05	23.12
10	QPSK	1	49	23.15	23.03	23.09
10	QPSK	25	0	22.00	22.09	22.02
10	QPSK	25	12	21.96	21.96	21.96
10	QPSK	25	25	22.04	21.97	22.08
10	QPSK	50	0	21.96	21.95	21.89
10	16QAM	1	0	22.09	22.26	22.14
10	16QAM	1	25	22.07	21.96	22.10
10	16QAM	1	49	22.01	22.05	22.21
10	16QAM	25	0	21.20	21.16	21.08
10	16QAM	25	12	21.16	21.12	20.92
10	16QAM	25	25	21.14	21.14	20.91
10	16QAM	50	0	21.27	20.99	21.00
10	64QAM	1	0	21.21	21.44	21.13
10	64QAM	1	25	21.12	21.24	21.23
10	64QAM	1	49	21.15	21.14	21.12
10	64QAM	25	0	20.32	20.12	20.16
10	64QAM	25	12	20.29	20.48	20.03
10	64QAM	25	25	20.23	20.19	19.92
10	64QAM	50	0	20.29	20.06	20.06



LTE Band 71						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				133147	133247	133447
Frequency (MHz)				665.5	675.5	695.5
5	QPSK	1	0	23.03	23.09	23.08
5	QPSK	1	12	23.01	23.03	23.07
5	QPSK	1	24	23.08	23.06	23.09
5	QPSK	12	0	21.98	22.14	22.00
5	QPSK	12	7	21.96	21.94	21.96
5	QPSK	12	13	22.01	21.99	22.05
5	QPSK	25	0	21.99	21.95	21.90
5	16QAM	1	0	22.07	22.33	22.09
5	16QAM	1	12	22.06	21.94	22.14
5	16QAM	1	24	22.04	21.95	22.14
5	16QAM	12	0	21.14	21.16	21.10
5	16QAM	12	7	21.17	21.19	20.97
5	16QAM	12	13	21.24	21.02	20.96
5	16QAM	25	0	21.20	21.03	20.97
5	64QAM	1	0	21.38	21.53	21.02
5	64QAM	1	12	21.25	21.43	21.11
5	64QAM	1	24	21.04	21.19	21.21
5	64QAM	12	0	20.35	20.16	20.03
5	64QAM	12	7	20.36	20.47	20.00
5	64QAM	12	13	20.38	20.18	19.87
5	64QAM	25	0	20.38	20.11	20.08

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

LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18700		18900		19100	
Frequency (MHz)				1860		1880		1900	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	26.40	0.437	26.63	0.460	26.59	0.456
20	QPSK	1	49	26.39	0.436	26.35	0.432	26.16	0.413
20	QPSK	1	99	26.29	0.426	26.34	0.431	26.15	0.412
20	QPSK	50	0	25.60	0.363	25.68	0.370	25.52	0.356
20	QPSK	50	24	25.49	0.354	25.51	0.356	25.40	0.347
20	QPSK	50	50	25.41	0.348	25.51	0.356	25.50	0.355
20	QPSK	100	0	25.41	0.348	25.63	0.366	25.53	0.357
20	16QAM	1	0	25.56	0.360	25.70	0.372	25.47	0.352
20	16QAM	1	49	25.51	0.356	25.63	0.366	25.51	0.356
20	16QAM	1	99	25.51	0.356	25.60	0.363	25.54	0.358
20	16QAM	50	0	24.54	0.284	24.55	0.285	24.45	0.279
20	16QAM	50	24	24.53	0.284	24.52	0.283	24.48	0.281
20	16QAM	50	50	24.36	0.273	24.41	0.276	24.38	0.274
20	16QAM	100	0	24.39	0.275	24.54	0.284	24.41	0.276
20	64QAM	1	0	24.50	0.282	24.65	0.292	24.33	0.271
20	64QAM	1	49	24.53	0.284	24.51	0.282	24.59	0.288
20	64QAM	1	99	24.47	0.280	24.60	0.288	24.47	0.280
20	64QAM	50	0	23.57	0.228	23.58	0.228	23.47	0.222
20	64QAM	50	24	23.68	0.233	23.47	0.222	23.62	0.230
20	64QAM	50	50	23.50	0.224	23.55	0.226	23.24	0.211
20	64QAM	100	0	23.35	0.216	23.54	0.226	23.34	0.216



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	26.32	0.429	26.60	0.457	26.53	0.450
15	QPSK	1	37	26.27	0.424	26.31	0.428	26.15	0.412
15	QPSK	1	74	26.19	0.416	26.27	0.424	26.12	0.409
15	QPSK	36	0	25.51	0.356	25.62	0.365	25.42	0.348
15	QPSK	36	20	25.39	0.346	25.45	0.351	25.31	0.340
15	QPSK	36	39	25.35	0.343	25.43	0.349	25.40	0.347
15	QPSK	75	0	25.30	0.339	25.54	0.358	25.44	0.350
15	16QAM	1	0	25.49	0.354	25.58	0.361	25.40	0.347
15	16QAM	1	37	25.56	0.360	25.56	0.360	25.42	0.348
15	16QAM	1	74	25.45	0.351	25.48	0.353	25.41	0.348
15	16QAM	36	0	24.49	0.281	24.40	0.275	24.38	0.274
15	16QAM	36	20	24.44	0.278	24.39	0.275	24.46	0.279
15	16QAM	36	39	24.29	0.269	24.36	0.273	24.29	0.269
15	16QAM	75	0	24.24	0.265	24.50	0.282	24.31	0.270
15	64QAM	1	0	24.38	0.274	24.62	0.290	24.39	0.275
15	64QAM	1	37	24.49	0.281	24.44	0.278	24.48	0.281
15	64QAM	1	74	24.33	0.271	24.49	0.281	24.45	0.279
15	64QAM	36	0	23.56	0.227	23.58	0.228	23.33	0.215
15	64QAM	36	20	23.65	0.232	23.44	0.221	23.54	0.226
15	64QAM	36	39	23.44	0.221	23.42	0.220	23.27	0.212
15	64QAM	75	0	23.24	0.211	23.40	0.219	23.24	0.211



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	26.33	0.430	26.56	0.453	26.47	0.444
10	QPSK	1	25	26.32	0.429	26.30	0.427	26.16	0.413
10	QPSK	1	49	26.25	0.422	26.26	0.423	26.17	0.414
10	QPSK	25	0	25.50	0.355	25.59	0.362	25.44	0.350
10	QPSK	25	12	25.40	0.347	25.44	0.350	25.31	0.340
10	QPSK	25	25	25.34	0.342	25.46	0.352	25.44	0.350
10	QPSK	50	0	25.37	0.344	25.51	0.356	25.44	0.350
10	16QAM	1	0	25.53	0.357	25.67	0.369	25.36	0.344
10	16QAM	1	25	25.48	0.353	25.50	0.355	25.45	0.351
10	16QAM	1	49	25.40	0.347	25.52	0.356	25.40	0.347
10	16QAM	25	0	24.44	0.278	24.44	0.278	24.43	0.277
10	16QAM	25	12	24.43	0.277	24.41	0.276	24.43	0.277
10	16QAM	25	25	24.25	0.266	24.32	0.270	24.28	0.268
10	16QAM	50	0	24.35	0.272	24.40	0.275	24.34	0.272
10	64QAM	1	0	24.83	0.304	24.98	0.315	24.51	0.282
10	64QAM	1	25	24.78	0.301	24.80	0.302	24.86	0.306
10	64QAM	1	49	24.76	0.299	24.85	0.305	24.63	0.290
10	64QAM	25	0	23.89	0.245	23.74	0.237	23.75	0.237
10	64QAM	25	12	23.93	0.247	23.74	0.237	23.97	0.249
10	64QAM	25	25	23.86	0.243	23.70	0.234	23.54	0.226
10	64QAM	50	0	23.60	0.229	23.90	0.245	23.56	0.227



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	26.37	0.434	26.59	0.456	26.55	0.452
5	QPSK	1	12	26.29	0.426	26.23	0.420	26.13	0.410
5	QPSK	1	24	26.20	0.417	26.31	0.428	26.28	0.425
5	QPSK	12	0	25.57	0.361	25.64	0.366	25.47	0.352
5	QPSK	12	7	25.37	0.344	25.44	0.350	25.31	0.340
5	QPSK	12	13	25.30	0.339	25.47	0.352	25.41	0.348
5	QPSK	25	0	25.35	0.343	25.52	0.356	25.49	0.354
5	16QAM	1	0	25.44	0.350	25.62	0.365	25.38	0.345
5	16QAM	1	12	25.54	0.358	25.52	0.356	25.44	0.350
5	16QAM	1	24	25.36	0.344	25.51	0.356	25.41	0.348
5	16QAM	12	0	24.42	0.277	24.40	0.275	24.37	0.274
5	16QAM	12	7	24.48	0.281	24.37	0.274	24.36	0.273
5	16QAM	12	13	24.26	0.267	24.37	0.274	24.25	0.266
5	16QAM	25	0	24.26	0.267	24.51	0.282	24.34	0.272
5	64QAM	1	0	24.55	0.285	24.58	0.287	24.24	0.265
5	64QAM	1	12	24.56	0.286	24.37	0.274	24.65	0.292
5	64QAM	1	24	24.37	0.274	24.65	0.292	24.32	0.270
5	64QAM	12	0	23.63	0.231	23.45	0.221	23.46	0.222
5	64QAM	12	7	23.73	0.236	23.46	0.222	23.63	0.231
5	64QAM	12	13	23.46	0.222	23.44	0.221	23.42	0.220
5	64QAM	25	0	23.21	0.209	23.41	0.219	23.37	0.217



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	26.37	0.434	26.54	0.451	26.51	0.448
3	QPSK	1	8	26.29	0.426	26.27	0.424	26.34	0.431
3	QPSK	1	14	26.24	0.421	26.22	0.419	26.24	0.421
3	QPSK	8	0	25.51	0.356	25.62	0.365	25.42	0.348
3	QPSK	8	4	25.44	0.350	25.39	0.346	25.33	0.341
3	QPSK	8	7	25.31	0.340	25.48	0.353	25.38	0.345
3	QPSK	15	0	25.29	0.338	25.53	0.357	25.46	0.352
3	16QAM	1	0	25.49	0.354	25.58	0.361	25.35	0.343
3	16QAM	1	8	25.49	0.354	25.57	0.361	25.42	0.348
3	16QAM	1	14	25.38	0.345	25.51	0.356	25.43	0.349
3	16QAM	8	0	24.46	0.279	24.44	0.278	24.36	0.273
3	16QAM	8	4	24.45	0.279	24.39	0.275	24.36	0.273
3	16QAM	8	7	24.34	0.272	24.37	0.274	24.36	0.273
3	16QAM	15	0	24.27	0.267	24.52	0.283	24.28	0.268
3	64QAM	1	0	24.51	0.282	24.65	0.292	24.25	0.266
3	64QAM	1	8	24.53	0.284	24.38	0.274	24.55	0.285
3	64QAM	1	14	24.46	0.279	24.62	0.290	24.50	0.282
3	64QAM	8	0	23.53	0.225	23.64	0.231	23.42	0.220
3	64QAM	8	4	23.67	0.233	23.32	0.215	23.64	0.231
3	64QAM	8	7	23.36	0.217	23.62	0.230	23.32	0.215
3	64QAM	15	0	23.33	0.215	23.43	0.220	23.33	0.215



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	26.35	0.432	26.57	0.454	26.52	0.449
1.4	QPSK	1	3	26.29	0.426	26.23	0.420	26.19	0.416
1.4	QPSK	1	5	26.17	0.414	26.24	0.421	26.26	0.423
1.4	QPSK	3	0	26.35	0.432	26.42	0.439	26.26	0.423
1.4	QPSK	3	1	26.23	0.420	26.28	0.425	26.20	0.417
1.4	QPSK	3	3	26.15	0.412	26.28	0.425	26.27	0.424
1.4	QPSK	6	0	25.36	0.344	25.55	0.359	25.44	0.350
1.4	16QAM	1	0	25.52	0.356	25.67	0.369	25.37	0.344
1.4	16QAM	1	3	25.53	0.357	25.58	0.361	25.47	0.352
1.4	16QAM	1	5	25.36	0.344	25.45	0.351	25.48	0.353
1.4	16QAM	3	0	25.28	0.337	25.27	0.337	25.20	0.331
1.4	16QAM	3	1	25.31	0.340	25.29	0.338	25.18	0.330
1.4	16QAM	3	3	25.10	0.324	25.20	0.331	25.18	0.330
1.4	16QAM	6	0	24.26	0.267	24.52	0.283	24.37	0.274
1.4	64QAM	1	0	24.39	0.275	24.62	0.290	24.21	0.264
1.4	64QAM	1	3	24.42	0.277	24.50	0.282	24.48	0.281
1.4	64QAM	1	5	24.49	0.281	24.53	0.284	24.54	0.284
1.4	64QAM	3	0	24.33	0.271	24.45	0.279	24.20	0.263
1.4	64QAM	3	1	24.52	0.283	24.28	0.268	24.48	0.281
1.4	64QAM	3	3	24.20	0.263	24.25	0.266	24.17	0.261
1.4	64QAM	6	0	23.39	0.218	23.48	0.223	23.29	0.213



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	26.74	0.472	26.71	0.469	26.66	0.463
20	QPSK	1	49	26.62	0.459	26.63	0.460	26.59	0.456
20	QPSK	1	99	26.64	0.461	26.52	0.449	26.64	0.461
20	QPSK	50	0	25.87	0.386	25.86	0.385	25.73	0.374
20	QPSK	50	24	25.76	0.377	25.60	0.363	25.65	0.367
20	QPSK	50	50	25.75	0.376	25.62	0.365	25.69	0.371
20	QPSK	100	0	25.75	0.376	25.62	0.365	25.69	0.371
20	16QAM	1	0	25.89	0.388	25.78	0.378	25.80	0.380
20	16QAM	1	49	25.85	0.385	25.53	0.357	25.56	0.360
20	16QAM	1	99	25.72	0.373	25.57	0.361	25.59	0.362
20	16QAM	50	0	24.89	0.308	24.64	0.291	24.74	0.298
20	16QAM	50	24	24.86	0.306	24.78	0.301	24.65	0.292
20	16QAM	50	50	24.72	0.296	24.63	0.290	24.67	0.293
20	16QAM	100	0	24.80	0.302	24.65	0.292	24.72	0.296
20	64QAM	1	0	25.01	0.317	24.86	0.306	24.91	0.310
20	64QAM	1	49	24.82	0.303	24.60	0.288	24.89	0.308
20	64QAM	1	99	24.64	0.291	24.58	0.287	24.59	0.288
20	64QAM	50	0	24.01	0.252	23.61	0.230	23.78	0.239
20	64QAM	50	24	23.82	0.241	23.86	0.243	23.78	0.239
20	64QAM	50	50	23.84	0.242	23.62	0.230	23.62	0.230
20	64QAM	100	0	23.65	0.232	23.60	0.229	23.56	0.227



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	26.65	0.462	26.63	0.460	26.58	0.455
15	QPSK	1	37	26.52	0.449	26.57	0.454	26.52	0.449
15	QPSK	1	74	26.61	0.458	26.43	0.440	26.58	0.455
15	QPSK	36	0	25.79	0.379	25.76	0.377	25.62	0.365
15	QPSK	36	20	25.72	0.373	25.49	0.354	25.57	0.361
15	QPSK	36	39	25.69	0.371	25.57	0.361	25.61	0.364
15	QPSK	75	0	25.63	0.366	25.57	0.361	25.60	0.363
15	16QAM	1	0	25.79	0.379	25.74	0.375	25.74	0.375
15	16QAM	1	37	25.76	0.377	25.42	0.348	25.49	0.354
15	16QAM	1	74	25.68	0.370	25.44	0.350	25.46	0.352
15	16QAM	36	0	24.82	0.303	24.56	0.286	24.60	0.288
15	16QAM	36	20	24.84	0.305	24.65	0.292	24.53	0.284
15	16QAM	36	39	24.64	0.291	24.50	0.282	24.61	0.289
15	16QAM	75	0	24.78	0.301	24.50	0.282	24.59	0.288
15	64QAM	1	0	24.97	0.314	24.72	0.296	24.82	0.303
15	64QAM	1	37	24.71	0.296	24.66	0.292	24.85	0.305
15	64QAM	1	74	24.62	0.290	24.55	0.285	24.65	0.292
15	64QAM	36	0	24.06	0.255	23.58	0.228	23.73	0.236
15	64QAM	36	20	23.88	0.244	23.76	0.238	23.77	0.238
15	64QAM	36	39	23.80	0.240	23.69	0.234	23.66	0.232
15	64QAM	75	0	23.57	0.228	23.59	0.229	23.49	0.223



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	26.65	0.462	26.64	0.461	26.54	0.451
10	QPSK	1	25	26.53	0.450	26.53	0.450	26.53	0.450
10	QPSK	1	49	26.53	0.450	26.47	0.444	26.59	0.456
10	QPSK	25	0	25.79	0.379	25.78	0.378	25.62	0.365
10	QPSK	25	12	25.70	0.372	25.50	0.355	25.60	0.363
10	QPSK	25	25	25.70	0.372	25.51	0.356	25.63	0.366
10	QPSK	50	0	25.66	0.368	25.55	0.359	25.59	0.362
10	16QAM	1	0	25.84	0.384	25.72	0.373	25.71	0.372
10	16QAM	1	25	25.84	0.384	25.46	0.352	25.47	0.352
10	16QAM	1	49	25.69	0.371	25.50	0.355	25.47	0.352
10	16QAM	25	0	24.76	0.299	24.60	0.288	24.66	0.292
10	16QAM	25	12	24.78	0.301	24.71	0.296	24.62	0.290
10	16QAM	25	25	24.65	0.292	24.59	0.288	24.63	0.290
10	16QAM	50	0	24.76	0.299	24.59	0.288	24.60	0.288
10	64QAM	1	0	24.47	0.280	24.76	0.299	24.92	0.310
10	64QAM	1	25	24.86	0.306	24.47	0.280	24.89	0.308
10	64QAM	1	49	24.69	0.294	24.55	0.285	24.61	0.289
10	64QAM	25	0	23.66	0.232	23.54	0.226	23.85	0.243
10	64QAM	25	12	23.73	0.236	23.87	0.244	23.72	0.236
10	64QAM	25	25	23.79	0.239	23.49	0.223	23.57	0.228
10	64QAM	50	0	23.62	0.230	23.49	0.223	23.48	0.223



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	26.62	0.459	26.68	0.466	26.58	0.455
5	QPSK	1	12	26.50	0.447	26.52	0.449	26.52	0.449
5	QPSK	1	24	26.59	0.456	26.44	0.441	26.56	0.453
5	QPSK	12	0	25.76	0.377	25.81	0.381	25.69	0.371
5	QPSK	12	7	25.72	0.373	25.49	0.354	25.55	0.359
5	QPSK	12	13	25.72	0.373	25.52	0.356	25.59	0.362
5	QPSK	25	0	25.64	0.366	25.51	0.356	25.57	0.361
5	16QAM	1	0	25.85	0.385	25.68	0.370	25.75	0.376
5	16QAM	1	12	25.80	0.380	25.49	0.354	25.53	0.357
5	16QAM	1	24	25.62	0.365	25.49	0.354	25.46	0.352
5	16QAM	12	0	24.84	0.305	24.59	0.288	24.68	0.294
5	16QAM	12	7	24.79	0.301	24.73	0.297	24.53	0.284
5	16QAM	12	13	24.66	0.292	24.53	0.284	24.53	0.284
5	16QAM	25	0	24.77	0.300	24.59	0.288	24.57	0.286
5	64QAM	1	0	24.77	0.300	24.93	0.311	24.87	0.307
5	64QAM	1	12	24.77	0.300	24.63	0.290	24.93	0.311
5	64QAM	1	24	24.54	0.284	24.56	0.286	24.63	0.290
5	64QAM	12	0	23.92	0.247	23.60	0.229	23.70	0.234
5	64QAM	12	7	23.81	0.240	23.71	0.235	23.65	0.232
5	64QAM	12	13	23.90	0.245	23.69	0.234	23.51	0.224
5	64QAM	25	0	23.64	0.231	23.51	0.224	23.45	0.221



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	26.71	0.469	26.65	0.462	26.60	0.457
3	QPSK	1	8	26.51	0.448	26.53	0.450	26.47	0.444
3	QPSK	1	14	26.59	0.456	26.41	0.438	26.60	0.457
3	QPSK	8	0	25.78	0.378	25.80	0.380	25.61	0.364
3	QPSK	8	4	25.71	0.372	25.53	0.357	25.62	0.365
3	QPSK	8	7	25.66	0.368	25.51	0.356	25.57	0.361
3	QPSK	15	0	25.68	0.370	25.57	0.361	25.65	0.367
3	16QAM	1	0	25.84	0.384	25.66	0.368	25.75	0.376
3	16QAM	1	8	25.77	0.378	25.46	0.352	25.47	0.352
3	16QAM	1	14	25.59	0.362	25.52	0.356	25.53	0.357
3	16QAM	8	0	24.77	0.300	24.51	0.282	24.61	0.289
3	16QAM	8	4	24.80	0.302	24.66	0.292	24.50	0.282
3	16QAM	8	7	24.67	0.293	24.48	0.281	24.60	0.288
3	16QAM	15	0	24.76	0.299	24.61	0.289	24.61	0.289
3	64QAM	1	0	24.81	0.303	24.89	0.308	24.87	0.307
3	64QAM	1	8	24.86	0.306	24.50	0.282	24.92	0.310
3	64QAM	1	14	24.70	0.295	24.49	0.281	24.45	0.279
3	64QAM	8	0	23.95	0.248	23.63	0.231	23.70	0.234
3	64QAM	8	4	23.77	0.238	23.82	0.241	23.70	0.234
3	64QAM	8	7	23.88	0.244	23.52	0.225	23.59	0.229
3	64QAM	15	0	23.52	0.225	23.46	0.222	23.49	0.223



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	26.64	0.461	26.63	0.460	26.54	0.451
1.4	QPSK	1	3	26.52	0.449	26.52	0.449	26.50	0.447
1.4	QPSK	1	5	26.61	0.458	26.43	0.440	26.60	0.457
1.4	QPSK	3	0	26.33	0.430	26.24	0.421	26.12	0.409
1.4	QPSK	3	1	26.14	0.411	26.19	0.416	26.26	0.423
1.4	QPSK	3	3	26.16	0.413	26.20	0.417	26.12	0.409
1.4	QPSK	6	0	25.70	0.372	25.51	0.356	25.58	0.361
1.4	16QAM	1	0	25.79	0.379	25.70	0.372	25.73	0.374
1.4	16QAM	1	3	25.80	0.380	25.48	0.353	25.49	0.354
1.4	16QAM	1	5	25.68	0.370	25.43	0.349	25.51	0.356
1.4	16QAM	3	0	25.25	0.335	25.25	0.335	25.16	0.328
1.4	16QAM	3	1	25.32	0.340	25.22	0.333	25.29	0.338
1.4	16QAM	3	3	25.27	0.337	25.22	0.333	25.13	0.326
1.4	16QAM	6	0	24.68	0.294	24.61	0.289	24.65	0.292
1.4	64QAM	1	0	24.93	0.311	24.85	0.305	24.78	0.301
1.4	64QAM	1	3	24.68	0.294	24.62	0.290	24.80	0.302
1.4	64QAM	1	5	24.52	0.283	24.55	0.285	24.47	0.280
1.4	64QAM	3	0	24.58	0.287	24.24	0.265	24.27	0.267
1.4	64QAM	3	1	24.27	0.267	24.42	0.277	24.31	0.270
1.4	64QAM	3	3	24.27	0.267	24.28	0.268	24.21	0.264
1.4	64QAM	6	0	23.60	0.229	23.50	0.224	23.46	0.222



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	22.09	0.162	22.28	0.169	22.23	0.167
10	QPSK	1	25	22.14	0.164	22.05	0.160	22.10	0.162
10	QPSK	1	49	22.05	0.160	22.18	0.165	22.03	0.160
10	QPSK	25	0	21.10	0.129	21.26	0.134	21.08	0.128
10	QPSK	25	12	21.03	0.127	21.13	0.130	21.06	0.128
10	QPSK	25	25	21.07	0.128	21.22	0.132	21.05	0.127
10	QPSK	50	0	21.09	0.129	21.10	0.129	21.13	0.130
10	16QAM	1	0	21.21	0.132	21.26	0.134	21.13	0.130
10	16QAM	1	25	21.15	0.130	21.18	0.131	21.12	0.129
10	16QAM	1	49	21.20	0.132	21.07	0.128	21.12	0.129
10	16QAM	25	0	20.23	0.105	20.39	0.109	20.20	0.105
10	16QAM	25	12	20.30	0.107	20.20	0.105	20.07	0.102
10	16QAM	25	25	20.35	0.108	20.16	0.104	20.28	0.107
10	16QAM	50	0	20.07	0.102	20.26	0.106	20.32	0.108
10	64QAM	1	0	20.08	0.102	20.22	0.105	20.07	0.102
10	64QAM	1	25	20.14	0.103	20.13	0.103	20.09	0.102
10	64QAM	1	49	20.22	0.105	20.15	0.104	20.11	0.103
10	64QAM	25	0	19.16	0.082	19.48	0.089	19.25	0.084
10	64QAM	25	12	19.38	0.087	19.14	0.082	19.17	0.083
10	64QAM	25	25	19.20	0.083	19.05	0.080	19.38	0.087
10	64QAM	50	0	19.08	0.081	19.22	0.084	19.26	0.084



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	22.02	0.159	22.17	0.165	22.12	0.163
5	QPSK	1	12	22.02	0.159	22.07	0.161	22.03	0.160
5	QPSK	1	24	22.13	0.163	22.15	0.164	22.08	0.161
5	QPSK	12	0	21.02	0.126	21.15	0.130	21.13	0.130
5	QPSK	12	7	21.05	0.127	21.03	0.127	21.14	0.130
5	QPSK	12	13	21.11	0.129	21.13	0.130	21.14	0.130
5	QPSK	25	0	21.12	0.129	21.11	0.129	21.10	0.129
5	16QAM	1	0	21.11	0.129	21.17	0.131	21.14	0.130
5	16QAM	1	12	21.14	0.130	21.12	0.129	21.05	0.127
5	16QAM	1	24	21.13	0.130	21.05	0.127	21.03	0.127
5	16QAM	12	0	20.18	0.104	20.30	0.107	20.16	0.104
5	16QAM	12	7	20.22	0.105	20.13	0.103	20.04	0.101
5	16QAM	12	13	20.22	0.105	20.13	0.103	20.20	0.105
5	16QAM	25	0	20.07	0.102	20.18	0.104	20.19	0.104
5	64QAM	1	0	20.09	0.102	20.25	0.106	20.10	0.102
5	64QAM	1	12	20.06	0.101	20.14	0.103	20.11	0.103
5	64QAM	1	24	20.09	0.102	20.15	0.104	20.12	0.103
5	64QAM	12	0	19.09	0.081	19.35	0.086	19.30	0.085
5	64QAM	12	7	19.42	0.087	19.09	0.081	19.09	0.081
5	64QAM	12	13	19.12	0.082	19.08	0.081	19.25	0.084
5	64QAM	25	0	19.06	0.081	19.13	0.082	19.25	0.084



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	22.05	0.160	22.16	0.164	22.14	0.164
3	QPSK	1	8	22.07	0.161	22.13	0.163	22.14	0.164
3	QPSK	1	14	22.14	0.164	22.08	0.161	22.05	0.160
3	QPSK	8	0	21.04	0.127	21.23	0.133	21.11	0.129
3	QPSK	8	4	21.05	0.127	21.08	0.128	21.03	0.127
3	QPSK	8	7	21.13	0.130	21.11	0.129	21.12	0.129
3	QPSK	15	0	21.14	0.130	21.11	0.129	21.09	0.129
3	16QAM	1	0	21.15	0.130	21.21	0.132	21.14	0.130
3	16QAM	1	8	21.06	0.128	21.16	0.131	21.12	0.129
3	16QAM	1	14	21.13	0.130	21.12	0.129	21.14	0.130
3	16QAM	8	0	20.19	0.104	20.27	0.106	20.16	0.104
3	16QAM	8	4	20.20	0.105	20.07	0.102	20.05	0.101
3	16QAM	8	7	20.22	0.105	20.14	0.103	20.13	0.103
3	16QAM	15	0	20.11	0.103	20.20	0.105	20.20	0.105
3	64QAM	1	0	20.09	0.102	20.29	0.107	20.07	0.102
3	64QAM	1	8	20.12	0.103	20.07	0.102	20.13	0.103
3	64QAM	1	14	20.19	0.104	20.15	0.104	20.11	0.103
3	64QAM	8	0	19.13	0.082	19.34	0.086	19.16	0.082
3	64QAM	8	4	19.43	0.088	19.19	0.083	19.22	0.084
3	64QAM	8	7	19.21	0.083	19.10	0.081	19.36	0.086
3	64QAM	15	0	19.04	0.080	19.16	0.082	19.12	0.082



LTE Band 5				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20407		20525		20643	
Frequency (MHz)				824.7		836.5		848.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	22.03	0.160	22.21	0.166	22.21	0.166
1.4	QPSK	1	3	22.13	0.163	22.03	0.160	22.11	0.163
1.4	QPSK	1	5	22.06	0.161	22.12	0.163	22.05	0.160
1.4	QPSK	3	0	22.02	0.159	22.16	0.164	22.02	0.159
1.4	QPSK	3	1	22.02	0.159	22.09	0.162	22.05	0.160
1.4	QPSK	3	3	22.03	0.160	22.13	0.163	22.10	0.162
1.4	QPSK	6	0	21.06	0.128	21.11	0.129	21.10	0.129
1.4	16QAM	1	0	21.18	0.131	21.27	0.134	21.09	0.129
1.4	16QAM	1	3	21.28	0.134	21.12	0.129	21.11	0.129
1.4	16QAM	1	5	21.16	0.131	21.08	0.128	21.06	0.128
1.4	16QAM	3	0	21.08	0.128	21.29	0.135	21.05	0.127
1.4	16QAM	3	1	21.22	0.132	21.08	0.128	21.05	0.127
1.4	16QAM	3	3	21.27	0.134	21.07	0.128	21.20	0.132
1.4	16QAM	6	0	20.10	0.102	20.16	0.104	20.34	0.108
1.4	64QAM	1	0	20.09	0.102	20.16	0.104	20.02	0.100
1.4	64QAM	1	3	20.13	0.103	20.04	0.101	20.19	0.104
1.4	64QAM	1	5	20.23	0.105	20.23	0.105	20.19	0.104
1.4	64QAM	3	0	20.12	0.103	20.44	0.111	20.14	0.103
1.4	64QAM	3	1	20.24	0.106	20.10	0.102	20.07	0.102
1.4	64QAM	3	3	20.06	0.101	20.06	0.101	20.36	0.109
1.4	64QAM	6	0	19.05	0.080	19.18	0.083	19.32	0.086



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	25.98	0.396	26.09	0.406	26.01	0.399
20	QPSK	1	49	25.92	0.391	26.00	0.398	25.95	0.394
20	QPSK	1	99	25.94	0.393	25.88	0.387	25.92	0.391
20	QPSK	50	0	25.18	0.330	25.25	0.335	25.20	0.331
20	QPSK	50	24	25.22	0.333	25.18	0.330	25.22	0.333
20	QPSK	50	50	25.16	0.328	25.16	0.328	25.18	0.330
20	QPSK	100	0	25.17	0.329	25.27	0.337	25.24	0.334
20	16QAM	1	0	25.13	0.326	25.22	0.333	25.22	0.333
20	16QAM	1	49	25.14	0.327	24.77	0.300	25.21	0.332
20	16QAM	1	99	25.20	0.331	25.05	0.320	25.26	0.336
20	16QAM	50	0	24.20	0.263	24.21	0.264	24.24	0.265
20	16QAM	50	24	24.19	0.262	24.14	0.259	24.14	0.259
20	16QAM	50	50	24.25	0.266	24.18	0.262	24.19	0.262
20	16QAM	100	0	24.22	0.264	24.34	0.272	24.34	0.272
20	64QAM	1	0	24.25	0.266	24.31	0.270	24.20	0.263
20	64QAM	1	49	24.16	0.261	24.11	0.258	24.29	0.269
20	64QAM	1	99	24.16	0.261	24.05	0.254	24.20	0.263
20	64QAM	50	0	23.29	0.213	23.21	0.209	23.47	0.222
20	64QAM	50	24	23.42	0.220	23.20	0.209	23.29	0.213
20	64QAM	50	50	23.37	0.217	23.27	0.212	23.37	0.217
20	64QAM	100	0	23.38	0.218	23.32	0.215	23.30	0.214



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	25.90	0.389	26.01	0.399	25.97	0.395
15	QPSK	1	37	25.81	0.381	25.90	0.389	25.90	0.389
15	QPSK	1	74	25.82	0.382	25.85	0.385	25.84	0.384
15	QPSK	36	0	25.08	0.322	25.18	0.330	25.11	0.324
15	QPSK	36	20	25.17	0.329	25.06	0.321	25.17	0.329
15	QPSK	36	39	25.08	0.322	25.05	0.320	25.14	0.327
15	QPSK	75	0	25.06	0.321	25.19	0.330	25.18	0.330
15	16QAM	1	0	25.02	0.318	25.13	0.326	25.16	0.328
15	16QAM	1	37	25.21	0.332	24.71	0.296	25.16	0.328
15	16QAM	1	74	25.18	0.330	24.94	0.312	25.11	0.324
15	16QAM	36	0	24.10	0.257	24.16	0.261	24.16	0.261
15	16QAM	36	20	24.10	0.257	24.10	0.257	24.05	0.254
15	16QAM	36	39	24.19	0.262	24.16	0.261	24.17	0.261
15	16QAM	75	0	24.13	0.259	24.19	0.262	24.32	0.270
15	64QAM	1	0	24.24	0.265	24.35	0.272	24.19	0.262
15	64QAM	1	37	24.04	0.254	24.02	0.252	24.28	0.268
15	64QAM	1	74	24.17	0.261	23.92	0.247	24.24	0.265
15	64QAM	36	0	23.29	0.213	23.17	0.207	23.49	0.223
15	64QAM	36	20	23.49	0.223	23.22	0.210	23.34	0.216
15	64QAM	36	39	23.23	0.210	23.24	0.211	23.37	0.217
15	64QAM	75	0	23.30	0.214	23.29	0.213	23.16	0.207



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	25.95	0.394	25.98	0.396	25.96	0.394
10	QPSK	1	25	25.89	0.388	25.96	0.394	25.83	0.383
10	QPSK	1	49	25.91	0.390	25.79	0.379	25.84	0.384
10	QPSK	25	0	25.08	0.322	25.16	0.328	25.09	0.323
10	QPSK	25	12	25.11	0.324	25.08	0.322	25.19	0.330
10	QPSK	25	25	25.04	0.319	25.06	0.321	25.08	0.322
10	QPSK	50	0	25.13	0.326	25.24	0.334	25.16	0.328
10	16QAM	1	0	25.01	0.317	25.17	0.329	25.18	0.330
10	16QAM	1	25	25.08	0.322	24.86	0.306	25.07	0.321
10	16QAM	1	49	25.16	0.328	25.01	0.317	25.20	0.331
10	16QAM	25	0	24.10	0.257	24.19	0.262	24.18	0.262
10	16QAM	25	12	24.12	0.258	24.01	0.252	24.06	0.255
10	16QAM	25	25	24.20	0.263	24.07	0.255	24.12	0.258
10	16QAM	50	0	24.08	0.256	24.27	0.267	24.19	0.262
10	64QAM	1	0	24.24	0.265	24.26	0.267	24.16	0.261
10	64QAM	1	25	24.02	0.252	23.97	0.249	24.19	0.262
10	64QAM	1	49	24.19	0.262	23.95	0.248	24.16	0.261
10	64QAM	25	0	23.31	0.214	23.25	0.211	23.36	0.217
10	64QAM	25	12	23.39	0.218	23.18	0.208	23.17	0.207
10	64QAM	25	25	23.40	0.219	23.30	0.214	23.23	0.210
10	64QAM	50	0	23.44	0.221	23.21	0.209	23.32	0.215



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	25.86	0.385	25.98	0.396	25.90	0.389
5	QPSK	1	12	25.81	0.381	25.96	0.394	25.91	0.390
5	QPSK	1	24	25.88	0.387	25.84	0.384	25.83	0.383
5	QPSK	12	0	25.12	0.325	25.20	0.331	25.09	0.323
5	QPSK	12	7	25.12	0.325	25.11	0.324	25.16	0.328
5	QPSK	12	13	25.06	0.321	25.11	0.324	25.12	0.325
5	QPSK	25	0	25.08	0.322	25.22	0.333	25.12	0.325
5	16QAM	1	0	25.05	0.320	25.16	0.328	25.12	0.325
5	16QAM	1	12	25.15	0.327	24.73	0.297	25.19	0.330
5	16QAM	1	24	25.07	0.321	24.98	0.315	25.19	0.330
5	16QAM	12	0	24.08	0.256	24.12	0.258	24.22	0.264
5	16QAM	12	7	24.11	0.258	24.09	0.256	24.12	0.258
5	16QAM	12	13	24.10	0.257	24.03	0.253	24.17	0.261
5	16QAM	25	0	24.15	0.260	24.31	0.270	24.29	0.269
5	64QAM	1	0	24.15	0.260	24.30	0.269	24.05	0.254
5	64QAM	1	12	24.06	0.255	24.07	0.255	24.32	0.270
5	64QAM	1	24	24.16	0.261	23.91	0.246	24.10	0.257
5	64QAM	12	0	23.32	0.215	23.28	0.213	23.54	0.226
5	64QAM	12	7	23.40	0.219	23.11	0.205	23.14	0.206
5	64QAM	12	13	23.23	0.210	23.15	0.207	23.38	0.218
5	64QAM	25	0	23.36	0.217	23.32	0.215	23.15	0.207



LTE Band 12				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23060		23095		23130	
Frequency (MHz)				704		707.5		711	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	22.48	0.177	22.52	0.179	22.51	0.178
10	QPSK	1	25	22.42	0.175	22.35	0.172	22.26	0.168
10	QPSK	1	49	22.51	0.178	22.34	0.171	22.28	0.169
10	QPSK	25	0	21.45	0.140	21.51	0.142	21.28	0.134
10	QPSK	25	12	21.33	0.136	21.28	0.134	21.26	0.134
10	QPSK	25	25	21.41	0.138	21.34	0.136	21.32	0.136
10	QPSK	50	0	21.33	0.136	21.41	0.138	21.32	0.136
10	16QAM	1	0	21.62	0.145	21.40	0.138	21.39	0.138
10	16QAM	1	25	21.42	0.139	21.35	0.136	21.30	0.135
10	16QAM	1	49	21.49	0.141	21.38	0.137	21.38	0.137
10	16QAM	25	0	20.58	0.114	20.45	0.111	20.65	0.116
10	16QAM	25	12	20.58	0.114	20.65	0.116	20.53	0.113
10	16QAM	25	25	20.59	0.115	20.48	0.112	20.46	0.111
10	16QAM	50	0	20.46	0.111	20.35	0.108	20.30	0.107
10	64QAM	1	0	20.75	0.119	20.29	0.107	20.31	0.107
10	64QAM	1	25	20.49	0.112	20.43	0.110	20.46	0.111
10	64QAM	1	49	20.54	0.113	20.27	0.106	20.36	0.109
10	64QAM	25	0	19.58	0.091	19.34	0.086	19.59	0.091
10	64QAM	25	12	19.61	0.091	19.77	0.095	19.46	0.088
10	64QAM	25	25	19.57	0.091	19.56	0.090	19.54	0.090
10	64QAM	50	0	19.43	0.088	19.45	0.088	19.38	0.087



LTE Band 12				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23035		23095		23155	
Frequency (MHz)				701.5		707.5		713.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	22.37	0.173	22.40	0.174	22.39	0.173
5	QPSK	1	12	22.35	0.172	22.27	0.169	22.20	0.166
5	QPSK	1	24	22.41	0.174	22.22	0.167	22.18	0.165
5	QPSK	12	0	21.41	0.138	21.44	0.139	21.21	0.132
5	QPSK	12	7	21.24	0.133	21.24	0.133	21.21	0.132
5	QPSK	12	13	21.29	0.135	21.31	0.135	21.28	0.134
5	QPSK	25	0	21.27	0.134	21.32	0.136	21.28	0.134
5	16QAM	1	0	21.51	0.142	21.29	0.135	21.31	0.135
5	16QAM	1	12	21.37	0.137	21.20	0.132	21.17	0.131
5	16QAM	1	24	21.34	0.136	21.25	0.133	21.33	0.136
5	16QAM	12	0	20.56	0.114	20.35	0.108	20.63	0.116
5	16QAM	12	7	20.47	0.111	20.60	0.115	20.41	0.110
5	16QAM	12	13	20.49	0.112	20.38	0.109	20.31	0.107
5	16QAM	25	0	20.36	0.109	20.28	0.107	20.15	0.104
5	64QAM	1	0	20.62	0.115	20.14	0.103	20.34	0.108
5	64QAM	1	12	20.55	0.114	20.50	0.112	20.41	0.110
5	64QAM	1	24	20.43	0.110	20.20	0.105	20.37	0.109
5	64QAM	12	0	19.49	0.089	19.37	0.086	19.45	0.088
5	64QAM	12	7	19.47	0.089	19.72	0.094	19.31	0.085
5	64QAM	12	13	19.47	0.089	19.52	0.090	19.58	0.091
5	64QAM	25	0	19.42	0.087	19.32	0.086	19.41	0.087



LTE Band 12				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23025		23095		23165	
Frequency (MHz)				700.5		707.5		714.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	22.42	0.175	22.43	0.175	22.47	0.177
3	QPSK	1	8	22.39	0.173	22.23	0.167	22.23	0.167
3	QPSK	1	14	22.40	0.174	22.24	0.167	22.24	0.167
3	QPSK	8	0	21.38	0.137	21.45	0.140	21.25	0.133
3	QPSK	8	4	21.26	0.134	21.19	0.132	21.20	0.132
3	QPSK	8	7	21.32	0.136	21.31	0.135	21.29	0.135
3	QPSK	15	0	21.27	0.134	21.36	0.137	21.21	0.132
3	16QAM	1	0	21.53	0.142	21.34	0.136	21.32	0.136
3	16QAM	1	8	21.44	0.139	21.33	0.136	21.28	0.134
3	16QAM	1	14	21.43	0.139	21.34	0.136	21.24	0.133
3	16QAM	8	0	20.51	0.112	20.39	0.109	20.60	0.115
3	16QAM	8	4	20.44	0.111	20.54	0.113	20.48	0.112
3	16QAM	8	7	20.48	0.112	20.45	0.111	20.36	0.109
3	16QAM	15	0	20.37	0.109	20.24	0.106	20.19	0.104
3	64QAM	1	0	20.59	0.115	20.36	0.109	20.28	0.107
3	64QAM	1	8	20.40	0.110	20.35	0.108	20.42	0.110
3	64QAM	1	14	20.54	0.113	20.17	0.104	20.24	0.106
3	64QAM	8	0	19.61	0.091	19.38	0.087	19.48	0.089
3	64QAM	8	4	19.49	0.089	19.69	0.093	19.50	0.089
3	64QAM	8	7	19.45	0.088	19.42	0.087	19.60	0.091
3	64QAM	15	0	19.32	0.086	19.44	0.088	19.35	0.086



LTE Band 12				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23017		23095		23173	
Frequency (MHz)				699.7		707.5		715.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	22.37	0.173	22.41	0.174	22.39	0.173
1.4	QPSK	1	3	22.38	0.173	22.31	0.170	22.18	0.165
1.4	QPSK	1	5	22.44	0.175	22.27	0.169	22.21	0.166
1.4	QPSK	3	0	22.15	0.164	22.26	0.168	22.02	0.159
1.4	QPSK	3	1	22.04	0.160	22.05	0.160	22.03	0.160
1.4	QPSK	3	3	22.16	0.164	22.06	0.161	22.02	0.159
1.4	QPSK	6	0	21.28	0.134	21.38	0.137	21.26	0.134
1.4	16QAM	1	0	21.54	0.143	21.32	0.136	21.31	0.135
1.4	16QAM	1	3	21.47	0.140	21.21	0.132	21.19	0.132
1.4	16QAM	1	5	21.46	0.140	21.30	0.135	21.31	0.135
1.4	16QAM	3	0	21.24	0.133	21.19	0.132	21.43	0.139
1.4	16QAM	3	1	21.30	0.135	21.34	0.136	21.27	0.134
1.4	16QAM	3	3	21.34	0.136	21.15	0.130	21.18	0.131
1.4	16QAM	6	0	20.44	0.111	20.22	0.105	20.18	0.104
1.4	64QAM	1	0	20.25	0.106	20.21	0.105	20.36	0.109
1.4	64QAM	1	3	20.51	0.112	20.34	0.108	20.36	0.109
1.4	64QAM	1	5	20.48	0.112	20.27	0.106	20.23	0.105
1.4	64QAM	3	0	20.30	0.107	20.32	0.108	20.24	0.106
1.4	64QAM	3	1	20.34	0.108	20.54	0.113	20.24	0.106
1.4	64QAM	3	3	20.36	0.109	20.40	0.110	20.33	0.108
1.4	64QAM	6	0	19.35	0.086	19.47	0.089	19.28	0.085



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	/	/	22.06	0.161	/	/
10	QPSK	1	25	/	/	22.32	0.171	/	/
10	QPSK	1	49	/	/	22.53	0.179	/	/
10	QPSK	25	0	/	/	21.58	0.144	/	/
10	QPSK	25	12	/	/	21.90	0.155	/	/
10	QPSK	25	25	/	/	22.08	0.161	/	/
10	QPSK	50	0	/	/	21.78	0.151	/	/
10	16QAM	1	0	/	/	21.34	0.136	/	/
10	16QAM	1	25	/	/	21.52	0.142	/	/
10	16QAM	1	49	/	/	21.81	0.152	/	/
10	16QAM	25	0	/	/	20.60	0.115	/	/
10	16QAM	25	12	/	/	20.92	0.124	/	/
10	16QAM	25	25	/	/	20.77	0.119	/	/
10	16QAM	50	0	/	/	20.84	0.121	/	/
10	64QAM	1	0	/	/	20.30	0.107	/	/
10	64QAM	1	25	/	/	20.50	0.112	/	/
10	64QAM	1	49	/	/	20.72	0.118	/	/
10	64QAM	25	0	/	/	19.72	0.094	/	/
10	64QAM	25	12	/	/	19.62	0.092	/	/
10	64QAM	25	25	/	/	19.83	0.096	/	/
10	64QAM	50	0	/	/	19.85	0.097	/	/



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	22.07	0.161	22.15	0.164	22.02	0.159
5	QPSK	1	12	22.10	0.162	22.07	0.161	22.07	0.161
5	QPSK	1	24	22.08	0.161	22.10	0.162	22.05	0.160
5	QPSK	12	0	21.05	0.127	21.16	0.131	21.09	0.129
5	QPSK	12	7	21.08	0.128	21.03	0.127	21.10	0.129
5	QPSK	12	13	21.02	0.126	21.19	0.132	21.03	0.127
5	QPSK	25	0	21.04	0.127	21.09	0.129	21.06	0.128
5	16QAM	1	0	21.35	0.136	21.39	0.138	21.22	0.132
5	16QAM	1	12	21.30	0.135	21.24	0.133	21.20	0.132
5	16QAM	1	24	21.28	0.134	21.31	0.135	21.30	0.135
5	16QAM	12	0	20.42	0.110	20.28	0.107	20.40	0.110
5	16QAM	12	7	20.38	0.109	20.23	0.105	20.36	0.109
5	16QAM	12	13	20.15	0.104	20.24	0.106	20.18	0.104
5	16QAM	25	0	21.22	0.132	21.30	0.135	21.15	0.130
5	64QAM	1	0	20.50	0.112	20.47	0.111	20.18	0.104
5	64QAM	1	12	20.26	0.106	20.11	0.103	20.07	0.102
5	64QAM	1	24	20.41	0.110	20.28	0.107	20.17	0.104
5	64QAM	12	0	19.46	0.088	19.22	0.084	19.44	0.088
5	64QAM	12	7	19.44	0.088	19.37	0.086	19.28	0.085
5	64QAM	12	13	19.16	0.082	19.13	0.082	19.18	0.083
5	64QAM	25	0	20.26	0.106	20.50	0.112	20.26	0.106



LTE Band 17				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23780		23790		23800	
Frequency (MHz)				709		710		711	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	22.14	0.164	22.22	0.167	22.20	0.166
10	QPSK	1	25	22.16	0.164	22.21	0.166	22.14	0.164
10	QPSK	1	49	22.08	0.161	22.08	0.161	22.03	0.160
10	QPSK	25	0	21.11	0.129	21.12	0.129	21.11	0.129
10	QPSK	25	12	21.03	0.127	21.14	0.130	21.02	0.126
10	QPSK	25	25	21.11	0.129	21.12	0.129	21.06	0.128
10	QPSK	50	0	21.09	0.129	21.13	0.130	21.06	0.128
10	16QAM	1	0	21.23	0.133	21.42	0.139	21.14	0.130
10	16QAM	1	25	21.36	0.137	21.20	0.132	21.22	0.132
10	16QAM	1	49	21.21	0.132	21.23	0.133	21.12	0.129
10	16QAM	25	0	20.32	0.108	20.25	0.106	20.21	0.105
10	16QAM	25	12	20.14	0.103	20.25	0.106	20.15	0.104
10	16QAM	25	25	20.18	0.104	20.19	0.104	20.34	0.108
10	16QAM	50	0	20.14	0.103	20.38	0.109	20.18	0.104
10	64QAM	1	0	20.07	0.102	20.39	0.109	20.13	0.103
10	64QAM	1	25	20.52	0.113	20.11	0.103	20.11	0.103
10	64QAM	1	49	20.06	0.101	20.22	0.105	20.14	0.103
10	64QAM	25	0	19.41	0.087	19.24	0.084	19.19	0.083
10	64QAM	25	12	19.02	0.080	19.33	0.086	19.11	0.081
10	64QAM	25	25	19.19	0.083	19.35	0.086	19.37	0.086
10	64QAM	50	0	19.07	0.081	19.50	0.089	19.05	0.080



LTE Band 17				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23755		23790		23825	
Frequency (MHz)				706.5		710		713.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	22.05	0.160	22.19	0.166	22.13	0.163
5	QPSK	1	12	22.13	0.163	22.17	0.165	22.11	0.163
5	QPSK	1	24	22.05	0.160	22.05	0.160	22.05	0.160
5	QPSK	12	0	21.08	0.128	21.09	0.129	21.08	0.128
5	QPSK	12	7	21.05	0.127	21.11	0.129	21.04	0.127
5	QPSK	12	13	21.08	0.128	21.09	0.129	21.03	0.127
5	QPSK	25	0	21.06	0.128	21.10	0.129	21.03	0.127
5	16QAM	1	0	21.20	0.132	21.39	0.138	21.11	0.129
5	16QAM	1	12	21.33	0.136	21.17	0.131	21.19	0.131
5	16QAM	1	24	21.18	0.131	21.20	0.132	21.09	0.128
5	16QAM	12	0	20.29	0.107	20.22	0.105	20.18	0.104
5	16QAM	12	7	20.11	0.103	20.22	0.105	20.12	0.103
5	16QAM	12	13	20.15	0.104	20.16	0.104	20.31	0.107
5	16QAM	25	0	20.11	0.103	20.35	0.108	20.15	0.103
5	64QAM	1	0	20.04	0.101	20.36	0.109	20.10	0.102
5	64QAM	1	12	20.49	0.112	20.08	0.102	20.08	0.102
5	64QAM	1	24	20.03	0.101	20.19	0.104	20.11	0.103
5	64QAM	12	0	19.38	0.087	19.21	0.083	19.16	0.082
5	64QAM	12	7	19.04	0.080	19.30	0.085	19.08	0.081
5	64QAM	12	13	19.16	0.082	19.32	0.086	19.34	0.086
5	64QAM	25	0	19.04	0.080	19.47	0.089	19.02	0.080



LTE Band 25				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26140		26365		26590	
Frequency (MHz)				1860		1882.5		1905	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	26.30	0.427	26.39	0.436	26.43	0.440
20	QPSK	1	49	26.31	0.428	26.36	0.433	26.40	0.437
20	QPSK	1	99	26.29	0.426	26.15	0.412	26.34	0.431
20	QPSK	50	0	25.45	0.351	25.43	0.349	25.51	0.356
20	QPSK	50	24	25.20	0.331	25.37	0.344	25.44	0.350
20	QPSK	50	50	25.24	0.334	25.20	0.331	25.45	0.351
20	QPSK	100	0	25.16	0.328	25.19	0.330	25.33	0.341
20	16QAM	1	0	25.38	0.345	25.46	0.352	25.57	0.361
20	16QAM	1	49	25.40	0.347	25.28	0.337	25.41	0.348
20	16QAM	1	99	25.15	0.327	25.36	0.344	25.30	0.339
20	16QAM	50	0	24.41	0.276	24.52	0.283	24.54	0.284
20	16QAM	50	24	24.35	0.272	24.52	0.283	24.56	0.286
20	16QAM	50	50	24.39	0.275	24.31	0.270	24.45	0.279
20	16QAM	100	0	24.42	0.277	24.29	0.269	24.31	0.270
20	64QAM	1	0	24.53	0.284	24.47	0.280	24.52	0.283
20	64QAM	1	49	24.53	0.284	24.17	0.261	24.32	0.270
20	64QAM	1	99	24.10	0.257	24.33	0.271	24.22	0.264
20	64QAM	50	0	23.43	0.220	23.60	0.229	23.68	0.233
20	64QAM	50	24	23.44	0.221	23.48	0.223	23.49	0.223
20	64QAM	50	50	23.48	0.223	23.26	0.212	23.60	0.229
20	64QAM	100	0	23.26	0.212	23.19	0.208	23.26	0.212



LTE Band 25				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26115		26365		26615	
Frequency (MHz)				1857.5		1882.5		1907.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	26.21	0.418	26.30	0.427	26.40	0.437
15	QPSK	1	37	26.23	0.420	26.25	0.422	26.28	0.425
15	QPSK	1	74	26.25	0.422	26.15	0.412	26.23	0.420
15	QPSK	36	0	25.34	0.342	25.32	0.340	25.40	0.347
15	QPSK	36	20	25.16	0.328	25.29	0.338	25.41	0.348
15	QPSK	36	39	25.16	0.328	25.15	0.327	25.33	0.341
15	QPSK	75	0	25.14	0.327	25.12	0.325	25.30	0.339
15	16QAM	1	0	25.26	0.336	25.43	0.349	25.46	0.352
15	16QAM	1	37	25.30	0.339	25.19	0.330	25.37	0.344
15	16QAM	1	74	25.10	0.324	25.25	0.335	25.23	0.333
15	16QAM	36	0	24.37	0.274	24.38	0.274	24.39	0.275
15	16QAM	36	20	24.28	0.268	24.49	0.281	24.49	0.281
15	16QAM	36	39	24.37	0.274	24.24	0.265	24.35	0.272
15	16QAM	75	0	24.27	0.267	24.19	0.262	24.29	0.269
15	64QAM	1	0	24.60	0.288	24.48	0.281	24.44	0.278
15	64QAM	1	37	24.41	0.276	24.12	0.258	24.30	0.269
15	64QAM	1	74	24.12	0.258	24.24	0.265	24.19	0.262
15	64QAM	36	0	23.35	0.216	23.49	0.223	23.62	0.230
15	64QAM	36	20	23.41	0.219	23.41	0.219	23.34	0.216
15	64QAM	36	39	23.36	0.217	23.30	0.214	23.62	0.230
15	64QAM	75	0	23.23	0.210	23.10	0.204	23.29	0.213



LTE Band 25				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26090		26365		26640	
Frequency (MHz)				1855		1882.5		1910	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	26.24	0.421	26.35	0.432	26.32	0.429
10	QPSK	1	25	26.28	0.425	26.25	0.422	26.34	0.431
10	QPSK	1	49	26.22	0.419	26.17	0.414	26.25	0.422
10	QPSK	25	0	25.39	0.346	25.38	0.345	25.43	0.349
10	QPSK	25	12	25.10	0.324	25.30	0.339	25.36	0.344
10	QPSK	25	25	25.17	0.329	25.12	0.325	25.33	0.341
10	QPSK	50	0	25.18	0.330	25.17	0.329	25.29	0.338
10	16QAM	1	0	25.30	0.339	25.41	0.348	25.53	0.357
10	16QAM	1	25	25.32	0.340	25.19	0.330	25.34	0.342
10	16QAM	1	49	25.10	0.324	25.30	0.339	25.15	0.327
10	16QAM	25	0	24.39	0.275	24.42	0.277	24.42	0.277
10	16QAM	25	12	24.29	0.269	24.48	0.281	24.42	0.277
10	16QAM	25	25	24.35	0.272	24.25	0.266	24.38	0.274
10	16QAM	50	0	24.38	0.274	24.21	0.264	24.25	0.266
10	64QAM	1	0	24.44	0.278	24.49	0.281	24.55	0.285
10	64QAM	1	25	24.50	0.282	24.11	0.258	24.20	0.263
10	64QAM	1	49	24.12	0.258	24.36	0.273	24.24	0.265
10	64QAM	25	0	23.50	0.224	23.50	0.224	23.64	0.231
10	64QAM	25	12	23.34	0.216	23.46	0.222	23.39	0.218
10	64QAM	25	25	23.52	0.225	23.21	0.209	23.63	0.231
10	64QAM	50	0	23.28	0.213	23.26	0.212	23.31	0.214



LTE Band 25				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26065		26365		26665	
Frequency (MHz)				1852.5		1882.5		1912.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	26.26	0.423	26.29	0.426	26.40	0.437
5	QPSK	1	12	26.24	0.421	26.29	0.426	26.33	0.430
5	QPSK	1	24	26.21	0.418	26.18	0.415	26.25	0.422
5	QPSK	12	0	25.38	0.345	25.38	0.345	25.42	0.348
5	QPSK	12	7	25.16	0.328	25.31	0.340	25.35	0.343
5	QPSK	12	13	25.17	0.329	25.17	0.329	25.33	0.341
5	QPSK	25	0	25.16	0.328	25.16	0.328	25.28	0.337
5	16QAM	1	0	25.30	0.339	25.39	0.346	25.53	0.357
5	16QAM	1	12	25.36	0.344	25.23	0.333	25.39	0.346
5	16QAM	1	24	25.12	0.325	25.26	0.336	25.16	0.328
5	16QAM	12	0	24.30	0.269	24.42	0.277	24.47	0.280
5	16QAM	12	7	24.26	0.267	24.48	0.281	24.51	0.282
5	16QAM	12	13	24.30	0.269	24.27	0.267	24.40	0.275
5	16QAM	25	0	24.28	0.268	24.25	0.266	24.24	0.265
5	64QAM	1	0	24.43	0.277	24.46	0.279	24.46	0.279
5	64QAM	1	12	24.60	0.288	24.13	0.259	24.35	0.272
5	64QAM	1	24	24.16	0.261	24.22	0.264	24.10	0.257
5	64QAM	12	0	23.39	0.218	23.61	0.230	23.56	0.227
5	64QAM	12	7	23.48	0.223	23.50	0.224	23.56	0.227
5	64QAM	12	13	23.54	0.226	23.13	0.206	23.63	0.231
5	64QAM	25	0	23.27	0.212	23.26	0.212	23.24	0.211



LTE Band 25				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26055		26365		26675	
Frequency (MHz)				1851.5		1882.5		1913.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	26.19	0.416	26.29	0.426	26.40	0.437
3	QPSK	1	8	26.19	0.416	26.30	0.427	26.31	0.428
3	QPSK	1	14	26.21	0.418	26.17	0.414	26.31	0.428
3	QPSK	8	0	25.34	0.342	25.37	0.344	25.39	0.346
3	QPSK	8	4	25.15	0.327	25.32	0.340	25.36	0.344
3	QPSK	8	7	25.13	0.326	25.14	0.327	25.41	0.348
3	QPSK	15	0	25.18	0.330	25.15	0.327	25.29	0.338
3	16QAM	1	0	25.28	0.337	25.35	0.343	25.49	0.354
3	16QAM	1	8	25.32	0.340	25.13	0.326	25.31	0.340
3	16QAM	1	14	25.17	0.329	25.33	0.341	25.26	0.336
3	16QAM	8	0	24.37	0.274	24.41	0.276	24.39	0.275
3	16QAM	8	4	24.29	0.269	24.38	0.274	24.53	0.284
3	16QAM	8	7	24.33	0.271	24.25	0.266	24.39	0.275
3	16QAM	15	0	24.39	0.275	24.23	0.265	24.23	0.265
3	64QAM	1	0	24.49	0.281	24.39	0.275	24.44	0.278
3	64QAM	1	8	24.54	0.284	24.14	0.259	24.21	0.264
3	64QAM	1	14	24.17	0.261	24.34	0.272	24.10	0.257
3	64QAM	8	0	23.47	0.222	23.59	0.229	23.62	0.230
3	64QAM	8	4	23.32	0.215	23.44	0.221	23.47	0.222
3	64QAM	8	7	23.42	0.220	23.25	0.211	23.54	0.226
3	64QAM	15	0	23.14	0.206	23.12	0.205	23.28	0.213



LTE Band 25				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26047		26365		26683	
Frequency (MHz)				1850.7		1882.5		1914.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	26.18	0.415	26.33	0.430	26.34	0.431
1.4	QPSK	1	3	26.28	0.425	26.33	0.430	26.30	0.427
1.4	QPSK	1	5	26.20	0.417	26.10	0.407	26.26	0.423
1.4	QPSK	3	0	26.18	0.415	26.13	0.410	26.21	0.418
1.4	QPSK	3	1	26.11	0.408	26.28	0.425	26.13	0.410
1.4	QPSK	3	3	26.14	0.411	26.10	0.407	26.19	0.416
1.4	QPSK	6	0	25.14	0.327	25.12	0.325	25.22	0.333
1.4	16QAM	1	0	25.26	0.336	25.41	0.348	25.53	0.357
1.4	16QAM	1	3	25.47	0.352	25.14	0.327	25.32	0.340
1.4	16QAM	1	5	25.12	0.325	25.32	0.340	25.22	0.333
1.4	16QAM	3	0	25.28	0.337	25.24	0.334	25.29	0.338
1.4	16QAM	3	1	25.25	0.335	25.27	0.337	25.33	0.341
1.4	16QAM	3	3	25.27	0.337	25.19	0.330	25.12	0.325
1.4	16QAM	6	0	24.28	0.268	24.24	0.265	24.20	0.263
1.4	64QAM	1	0	24.44	0.278	24.36	0.273	24.37	0.274
1.4	64QAM	1	3	24.58	0.287	24.13	0.259	24.38	0.274
1.4	64QAM	1	5	24.10	0.257	24.36	0.273	24.18	0.262
1.4	64QAM	3	0	24.16	0.261	24.41	0.276	24.38	0.274
1.4	64QAM	3	1	24.18	0.262	24.22	0.264	24.28	0.268
1.4	64QAM	3	3	24.32	0.270	24.11	0.258	24.36	0.273
1.4	64QAM	6	0	23.18	0.208	23.12	0.205	23.18	0.208



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	21.38	0.137	21.41	0.138	21.56	0.143
15	QPSK	1	37	21.52	0.142	21.49	0.141	21.14	0.130
15	QPSK	1	74	21.39	0.138	20.97	0.125	20.45	0.111
15	QPSK	36	0	20.47	0.111	20.74	0.119	20.68	0.117
15	QPSK	36	20	20.38	0.109	20.70	0.117	20.38	0.109
15	QPSK	36	39	20.61	0.115	20.42	0.110	19.71	0.094
15	QPSK	75	0	20.36	0.109	20.56	0.114	20.34	0.108
15	16QAM	1	0	20.39	0.109	20.29	0.107	20.70	0.117
15	16QAM	1	37	20.52	0.113	20.69	0.117	20.12	0.103
15	16QAM	1	74	20.33	0.108	19.98	0.100	19.92	0.098
15	16QAM	36	0	19.51	0.089	19.67	0.093	19.62	0.092
15	16QAM	36	20	19.53	0.090	19.51	0.089	19.37	0.086
15	16QAM	36	39	19.44	0.088	19.41	0.087	19.03	0.080
15	16QAM	75	0	19.44	0.088	19.53	0.090	19.32	0.086
15	64QAM	1	0	19.31	0.085	19.38	0.087	19.59	0.091
15	64QAM	1	37	19.35	0.086	19.46	0.088	18.84	0.077
15	64QAM	1	74	19.23	0.084	18.52	0.071	18.43	0.070
15	64QAM	36	0	18.39	0.069	18.40	0.069	18.36	0.069
15	64QAM	36	20	18.45	0.070	18.34	0.068	18.19	0.066
15	64QAM	36	39	18.56	0.072	18.38	0.069	17.81	0.060
15	64QAM	75	0	18.40	0.069	18.45	0.070	18.16	0.065



LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26840		26915		26990	
Frequency (MHz)				829.0		836.5		844.0	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	21.47	0.140	21.52	0.142	21.54	0.143
10	QPSK	1	25	21.36	0.137	21.60	0.145	20.63	0.116
10	QPSK	1	49	21.27	0.134	21.33	0.136	20.71	0.118
10	QPSK	25	0	20.48	0.112	20.71	0.118	20.33	0.108
10	QPSK	25	12	20.51	0.112	20.74	0.119	19.94	0.099
10	QPSK	25	25	20.38	0.109	20.46	0.111	19.63	0.092
10	QPSK	50	0	20.54	0.113	20.60	0.115	20.13	0.103
10	16QAM	1	0	20.39	0.109	20.65	0.116	20.46	0.111
10	16QAM	1	25	20.36	0.109	20.71	0.118	20.11	0.103
10	16QAM	1	49	20.59	0.115	20.32	0.108	19.74	0.094
10	16QAM	25	0	19.39	0.087	19.68	0.093	19.28	0.085
10	16QAM	25	12	19.45	0.088	19.56	0.090	19.10	0.081
10	16QAM	25	25	19.40	0.087	19.51	0.089	18.85	0.077
10	16QAM	50	0	19.51	0.089	19.50	0.089	19.13	0.082
10	64QAM	1	0	19.32	0.086	19.31	0.085	19.35	0.086
10	64QAM	1	25	19.11	0.081	19.34	0.086	18.58	0.072
10	64QAM	1	49	19.20	0.083	19.14	0.082	18.49	0.071
10	64QAM	25	0	18.41	0.069	18.65	0.073	18.29	0.067
10	64QAM	25	12	18.36	0.069	18.61	0.073	17.95	0.062
10	64QAM	25	25	18.40	0.069	18.42	0.070	17.71	0.059
10	64QAM	50	0	18.35	0.068	18.48	0.070	18.01	0.063



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	21.50	0.141	21.14	0.130	20.54	0.113
5	QPSK	1	12	21.32	0.136	21.41	0.138	20.54	0.113
5	QPSK	1	24	21.38	0.137	21.18	0.131	20.66	0.116
5	QPSK	12	0	20.54	0.113	20.77	0.119	19.64	0.092
5	QPSK	12	7	20.43	0.110	20.76	0.119	19.76	0.095
5	QPSK	12	13	20.37	0.109	20.56	0.114	19.84	0.096
5	QPSK	25	0	20.41	0.110	20.74	0.119	19.81	0.096
5	16QAM	1	0	20.29	0.107	20.70	0.117	19.96	0.099
5	16QAM	1	12	20.25	0.106	20.65	0.116	20.03	0.101
5	16QAM	1	24	20.36	0.109	20.32	0.108	19.42	0.087
5	16QAM	12	0	19.39	0.087	19.63	0.092	18.93	0.078
5	16QAM	12	7	19.33	0.086	19.58	0.091	18.88	0.077
5	16QAM	12	13	19.22	0.084	19.53	0.090	18.96	0.079
5	16QAM	25	0	19.22	0.084	19.48	0.089	18.85	0.077
5	64QAM	1	0	19.29	0.085	19.39	0.087	18.51	0.071
5	64QAM	1	12	19.12	0.082	19.23	0.084	18.46	0.070
5	64QAM	1	24	19.25	0.084	19.47	0.089	18.56	0.072
5	64QAM	12	0	18.38	0.069	18.62	0.073	17.74	0.059
5	64QAM	12	7	18.40	0.069	18.63	0.073	17.75	0.060
5	64QAM	12	13	18.26	0.067	18.58	0.072	17.66	0.058
5	64QAM	25	0	18.29	0.067	18.43	0.070	17.66	0.058



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	21.49	0.141	21.16	0.131	20.56	0.114
3	QPSK	1	8	21.48	0.141	21.09	0.129	20.48	0.112
3	QPSK	1	14	21.33	0.136	21.15	0.130	20.30	0.107
3	QPSK	8	0	20.52	0.113	20.79	0.120	19.68	0.093
3	QPSK	8	4	20.53	0.113	20.76	0.119	19.73	0.094
3	QPSK	8	7	20.57	0.114	20.68	0.117	19.65	0.092
3	QPSK	15	0	20.45	0.111	20.70	0.117	19.70	0.093
3	16QAM	1	0	20.40	0.110	20.80	0.120	20.02	0.100
3	16QAM	1	8	20.50	0.112	20.87	0.122	20.04	0.101
3	16QAM	1	14	20.16	0.104	20.63	0.116	19.77	0.095
3	16QAM	8	0	19.48	0.089	19.64	0.092	18.98	0.079
3	16QAM	8	4	19.56	0.090	19.67	0.093	18.97	0.079
3	16QAM	8	7	19.47	0.089	19.46	0.088	18.84	0.077
3	16QAM	15	0	19.37	0.086	19.63	0.092	18.86	0.077
3	64QAM	1	0	19.21	0.083	19.42	0.087	18.57	0.072
3	64QAM	1	8	19.33	0.086	19.33	0.086	18.64	0.073
3	64QAM	1	14	19.11	0.081	19.37	0.086	18.59	0.072
3	64QAM	8	0	18.37	0.069	18.62	0.073	17.84	0.061
3	64QAM	8	4	18.40	0.069	18.59	0.072	17.76	0.060
3	64QAM	8	7	18.33	0.068	18.48	0.070	17.72	0.059
3	64QAM	15	0	18.34	0.068	18.59	0.072	17.70	0.059



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	21.40	0.138	21.31	0.135	20.40	0.110
1.4	QPSK	1	3	21.51	0.142	21.44	0.139	20.52	0.113
1.4	QPSK	1	5	21.46	0.140	21.46	0.140	20.52	0.113
1.4	QPSK	3	0	21.48	0.141	21.19	0.132	20.34	0.108
1.4	QPSK	3	1	21.47	0.140	21.12	0.129	20.53	0.113
1.4	QPSK	3	3	21.33	0.136	21.08	0.128	20.53	0.113
1.4	QPSK	6	0	20.55	0.114	20.67	0.117	19.55	0.090
1.4	16QAM	1	0	20.49	0.112	20.70	0.117	19.90	0.098
1.4	16QAM	1	3	20.58	0.114	20.71	0.118	19.67	0.093
1.4	16QAM	1	5	20.50	0.112	20.69	0.117	19.85	0.097
1.4	16QAM	3	0	20.19	0.104	20.26	0.106	19.66	0.092
1.4	16QAM	3	1	20.21	0.105	20.35	0.108	19.66	0.092
1.4	16QAM	3	3	20.26	0.106	20.27	0.106	19.48	0.089
1.4	16QAM	6	0	19.39	0.087	19.77	0.095	18.78	0.076
1.4	64QAM	1	0	19.34	0.086	19.37	0.086	18.46	0.070
1.4	64QAM	1	3	19.26	0.084	19.26	0.084	18.35	0.068
1.4	64QAM	1	5	19.09	0.081	19.41	0.087	18.49	0.071
1.4	64QAM	3	0	19.41	0.087	19.55	0.090	18.73	0.075
1.4	64QAM	3	1	19.39	0.087	19.77	0.095	18.84	0.077
1.4	64QAM	3	3	19.36	0.086	19.50	0.089	18.67	0.074
1.4	64QAM	6	0	18.11	0.065	18.44	0.070	17.50	0.056



LTE Band 41				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39750		40620		41490	
Frequency (MHz)				2506		2593		2680	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	25.91	0.390	25.73	0.374	25.76	0.377
20	QPSK	1	49	25.80	0.380	25.68	0.370	25.68	0.370
20	QPSK	1	99	25.86	0.385	25.70	0.372	25.84	0.384
20	QPSK	50	0	24.87	0.307	24.82	0.303	24.60	0.288
20	QPSK	50	24	24.73	0.297	24.77	0.300	24.59	0.288
20	QPSK	50	50	24.69	0.294	24.73	0.297	24.57	0.286
20	QPSK	100	0	24.88	0.308	24.66	0.292	24.66	0.292
20	16QAM	1	0	24.58	0.287	24.91	0.310	24.61	0.289
20	16QAM	1	49	24.62	0.290	24.81	0.303	24.66	0.292
20	16QAM	1	99	24.65	0.292	24.85	0.305	24.61	0.289
20	16QAM	50	0	23.84	0.242	23.79	0.239	23.77	0.238
20	16QAM	50	24	23.67	0.233	23.67	0.233	23.79	0.239
20	16QAM	50	50	23.61	0.230	23.58	0.228	23.61	0.230
20	16QAM	100	0	23.84	0.242	23.64	0.231	23.67	0.233
20	64QAM	1	0	23.75	0.237	23.79	0.239	23.61	0.230
20	64QAM	1	49	23.72	0.236	23.78	0.239	23.75	0.237
20	64QAM	1	99	23.74	0.237	23.75	0.237	23.61	0.230
20	64QAM	50	0	22.88	0.194	22.75	0.188	22.61	0.182
20	64QAM	50	24	22.67	0.185	22.82	0.191	22.95	0.197
20	64QAM	50	50	22.63	0.183	22.65	0.184	22.66	0.185
20	64QAM	100	0	22.78	0.190	22.74	0.188	22.67	0.185



LTE Band 41				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39725		40620		41515	
Frequency (MHz)				2503.5		2593		2682.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	25.86	0.385	25.70	0.372	25.68	0.370
15	QPSK	1	37	25.75	0.376	25.64	0.366	25.58	0.361
15	QPSK	1	74	25.78	0.378	25.66	0.368	25.74	0.375
15	QPSK	36	0	24.79	0.301	24.71	0.296	24.64	0.291
15	QPSK	36	20	24.62	0.290	24.67	0.293	24.62	0.290
15	QPSK	36	39	24.63	0.290	24.69	0.294	24.64	0.291
15	QPSK	75	0	24.76	0.299	24.59	0.288	24.69	0.294
15	16QAM	1	0	24.59	0.288	24.80	0.302	24.68	0.294
15	16QAM	1	37	24.67	0.293	24.72	0.296	24.63	0.290
15	16QAM	1	74	24.67	0.293	24.81	0.303	24.66	0.292
15	16QAM	36	0	23.89	0.245	23.78	0.239	23.75	0.237
15	16QAM	36	20	23.70	0.234	23.72	0.236	23.75	0.237
15	16QAM	36	39	23.66	0.232	23.64	0.231	23.56	0.227
15	16QAM	75	0	23.73	0.236	23.58	0.228	23.66	0.232
15	64QAM	1	0	23.76	0.238	23.82	0.241	23.66	0.232
15	64QAM	1	37	23.69	0.234	23.74	0.237	23.81	0.240
15	64QAM	1	74	23.70	0.234	23.74	0.237	23.67	0.233
15	64QAM	36	0	22.81	0.191	22.69	0.186	22.67	0.185
15	64QAM	36	20	22.73	0.187	22.69	0.186	22.98	0.199
15	64QAM	36	39	22.67	0.185	22.66	0.185	22.57	0.181
15	64QAM	75	0	22.72	0.187	22.66	0.185	22.59	0.182



LTE Band 41				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39700		40620		41540	
Frequency (MHz)				2501		2593		2685	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	25.80	0.380	25.65	0.367	25.71	0.372
10	QPSK	1	25	25.75	0.376	25.57	0.361	25.63	0.366
10	QPSK	1	49	25.78	0.378	25.65	0.367	25.79	0.379
10	QPSK	25	0	24.84	0.305	24.71	0.296	24.57	0.286
10	QPSK	25	12	24.63	0.290	24.66	0.292	24.56	0.286
10	QPSK	25	25	24.66	0.292	24.67	0.293	24.57	0.286
10	QPSK	50	0	24.82	0.303	24.62	0.290	24.65	0.292
10	16QAM	1	0	24.63	0.290	24.94	0.312	24.59	0.288
10	16QAM	1	25	24.60	0.288	24.77	0.300	24.59	0.288
10	16QAM	1	49	24.71	0.296	24.78	0.301	24.63	0.290
10	16QAM	25	0	23.84	0.242	23.68	0.233	23.77	0.238
10	16QAM	25	12	23.59	0.229	23.62	0.230	23.75	0.237
10	16QAM	25	25	23.60	0.229	23.56	0.227	23.65	0.232
10	16QAM	50	0	23.75	0.237	23.68	0.233	23.57	0.228
10	64QAM	1	0	23.64	0.231	23.72	0.236	23.59	0.229
10	64QAM	1	25	23.67	0.233	23.68	0.233	23.79	0.239
10	64QAM	1	49	23.67	0.233	23.79	0.239	23.61	0.230
10	64QAM	25	0	22.93	0.196	22.70	0.186	22.56	0.180
10	64QAM	25	12	22.65	0.184	22.69	0.186	22.96	0.198
10	64QAM	25	25	22.64	0.184	22.62	0.183	22.65	0.184
10	64QAM	50	0	22.69	0.186	22.75	0.188	22.62	0.183



LTE Band 41				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39675		40620		41565	
Frequency (MHz)				2498.5		2593		2687.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	25.88	0.387	25.62	0.365	25.65	0.367
5	QPSK	1	12	25.75	0.376	25.65	0.367	25.63	0.366
5	QPSK	1	24	25.82	0.382	25.67	0.369	25.74	0.375
5	QPSK	12	0	24.83	0.304	24.74	0.298	24.66	0.292
5	QPSK	12	7	24.67	0.293	24.65	0.292	24.64	0.291
5	QPSK	12	13	24.64	0.291	24.62	0.290	24.62	0.290
5	QPSK	25	0	24.85	0.305	24.57	0.286	24.63	0.290
5	16QAM	1	0	24.58	0.287	24.94	0.312	24.69	0.294
5	16QAM	1	12	24.61	0.289	24.69	0.294	24.67	0.293
5	16QAM	1	24	24.58	0.287	24.88	0.308	24.57	0.286
5	16QAM	12	0	23.76	0.238	23.69	0.234	23.68	0.233
5	16QAM	12	7	23.61	0.230	23.68	0.233	23.66	0.232
5	16QAM	12	13	23.58	0.228	23.60	0.229	23.67	0.233
5	16QAM	25	0	23.87	0.244	23.63	0.231	23.56	0.227
5	64QAM	1	0	23.81	0.240	23.68	0.233	23.59	0.229
5	64QAM	1	12	23.59	0.229	23.74	0.237	23.70	0.234
5	64QAM	1	24	23.74	0.237	23.62	0.230	23.63	0.231
5	64QAM	12	0	22.85	0.193	22.68	0.185	22.63	0.183
5	64QAM	12	7	22.65	0.184	22.69	0.186	22.82	0.191
5	64QAM	12	13	22.65	0.184	22.60	0.182	22.57	0.181
5	64QAM	25	0	22.67	0.185	22.74	0.188	22.59	0.182



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	26.67	0.465	26.80	0.479	26.65	0.462
20	QPSK	1	49	26.70	0.468	26.79	0.478	26.60	0.457
20	QPSK	1	99	26.60	0.457	26.72	0.470	26.61	0.458
20	QPSK	50	0	25.61	0.364	25.77	0.378	25.64	0.366
20	QPSK	50	24	25.52	0.356	25.56	0.360	25.48	0.353
20	QPSK	50	50	25.31	0.340	25.46	0.352	25.28	0.337
20	QPSK	100	0	25.68	0.370	25.71	0.372	25.70	0.372
20	16QAM	1	0	25.75	0.376	25.84	0.384	25.80	0.380
20	16QAM	1	49	25.72	0.373	25.77	0.378	25.61	0.364
20	16QAM	1	99	25.64	0.366	25.63	0.366	25.58	0.361
20	16QAM	50	0	24.61	0.289	24.68	0.294	24.70	0.295
20	16QAM	50	24	24.64	0.291	24.63	0.290	24.81	0.303
20	16QAM	50	50	24.59	0.288	24.70	0.295	24.64	0.291
20	16QAM	100	0	24.62	0.290	24.72	0.296	24.88	0.308
20	64QAM	1	0	24.72	0.296	24.71	0.296	24.69	0.294
20	64QAM	1	49	24.65	0.292	24.63	0.290	24.59	0.288
20	64QAM	1	99	24.67	0.293	24.60	0.288	24.57	0.286
20	64QAM	50	0	23.64	0.231	23.68	0.233	23.73	0.236
20	64QAM	50	24	23.63	0.231	23.62	0.230	23.81	0.240
20	64QAM	50	50	23.71	0.235	23.73	0.236	23.68	0.233
20	64QAM	100	0	23.61	0.230	23.71	0.235	23.58	0.228



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	26.60	0.457	26.71	0.469	26.56	0.453
15	QPSK	1	37	26.64	0.461	26.75	0.473	26.52	0.449
15	QPSK	1	74	26.54	0.451	26.61	0.458	26.57	0.454
15	QPSK	36	0	25.55	0.359	25.51	0.356	25.58	0.361
15	QPSK	36	20	25.42	0.348	25.50	0.355	25.41	0.348
15	QPSK	36	39	25.21	0.332	25.37	0.344	25.24	0.334
15	QPSK	75	0	25.64	0.366	25.59	0.362	25.65	0.367
15	16QAM	1	0	25.68	0.370	25.76	0.377	25.73	0.374
15	16QAM	1	37	25.69	0.371	25.64	0.366	25.51	0.356
15	16QAM	1	74	25.54	0.358	25.58	0.361	25.56	0.360
15	16QAM	36	0	24.57	0.286	24.56	0.286	24.62	0.290
15	16QAM	36	20	24.55	0.285	24.49	0.281	24.73	0.297
15	16QAM	36	39	24.56	0.286	24.55	0.285	24.51	0.282
15	16QAM	75	0	24.60	0.288	24.70	0.295	24.81	0.303
15	64QAM	1	0	24.70	0.295	24.66	0.292	24.57	0.286
15	64QAM	1	37	24.50	0.282	24.61	0.289	24.52	0.283
15	64QAM	1	74	24.61	0.289	24.57	0.286	24.59	0.288
15	64QAM	36	0	23.54	0.226	23.67	0.233	23.72	0.236
15	64QAM	36	20	23.66	0.232	23.52	0.225	23.73	0.236
15	64QAM	36	39	23.73	0.236	23.58	0.228	23.61	0.230
15	64QAM	75	0	23.52	0.225	23.70	0.234	23.53	0.225



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	26.59	0.456	26.70	0.468	26.62	0.459
10	QPSK	1	25	26.64	0.461	26.71	0.469	26.48	0.445
10	QPSK	1	49	26.53	0.450	26.60	0.457	26.53	0.450
10	QPSK	25	0	25.57	0.361	25.62	0.365	25.56	0.360
10	QPSK	25	12	25.43	0.349	25.47	0.352	25.40	0.347
10	QPSK	25	25	25.26	0.336	25.34	0.342	25.17	0.329
10	QPSK	50	0	25.63	0.366	25.68	0.370	25.58	0.361
10	16QAM	1	0	25.65	0.367	25.80	0.380	25.74	0.375
10	16QAM	1	25	25.79	0.379	25.66	0.368	25.57	0.361
10	16QAM	1	49	25.49	0.354	25.51	0.356	25.51	0.356
10	16QAM	25	0	24.53	0.284	24.62	0.290	24.58	0.287
10	16QAM	25	12	24.54	0.284	24.54	0.284	24.72	0.296
10	16QAM	25	25	24.52	0.283	24.64	0.291	24.54	0.284
10	16QAM	50	0	24.58	0.287	24.67	0.293	24.81	0.303
10	64QAM	1	0	24.79	0.301	24.69	0.294	24.56	0.286
10	64QAM	1	25	24.67	0.293	24.52	0.283	24.61	0.289
10	64QAM	1	49	24.73	0.297	24.60	0.288	24.47	0.280
10	64QAM	25	0	23.63	0.231	23.62	0.230	23.70	0.234
10	64QAM	25	12	23.69	0.234	23.62	0.230	23.80	0.240
10	64QAM	25	25	23.58	0.228	23.71	0.235	23.64	0.231
10	64QAM	50	0	23.46	0.222	23.74	0.237	23.61	0.230



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	26.56	0.453	26.71	0.469	26.61	0.458
5	QPSK	1	12	26.62	0.459	26.72	0.470	26.50	0.447
5	QPSK	1	24	26.50	0.447	26.64	0.461	26.54	0.451
5	QPSK	12	0	25.53	0.357	25.67	0.369	25.53	0.357
5	QPSK	12	7	25.40	0.347	25.44	0.350	25.43	0.349
5	QPSK	12	13	25.28	0.337	25.37	0.344	25.21	0.332
5	QPSK	25	0	25.56	0.360	25.60	0.363	25.60	0.363
5	16QAM	1	0	25.66	0.368	25.79	0.379	25.69	0.371
5	16QAM	1	12	25.62	0.365	25.64	0.366	25.59	0.362
5	16QAM	1	24	25.60	0.363	25.60	0.363	25.50	0.355
5	16QAM	12	0	24.55	0.285	24.65	0.292	24.62	0.290
5	16QAM	12	7	24.57	0.286	24.55	0.285	24.73	0.297
5	16QAM	12	13	24.44	0.278	24.57	0.286	24.49	0.281
5	16QAM	25	0	24.52	0.283	24.59	0.288	24.76	0.299
5	64QAM	1	0	24.78	0.301	24.60	0.288	24.74	0.298
5	64QAM	1	12	24.68	0.294	24.69	0.294	24.48	0.281
5	64QAM	1	24	24.57	0.286	24.54	0.284	24.58	0.287
5	64QAM	12	0	23.67	0.233	23.74	0.237	23.65	0.232
5	64QAM	12	7	23.49	0.223	23.67	0.233	23.79	0.239
5	64QAM	12	13	23.65	0.232	23.79	0.239	23.75	0.237
5	64QAM	25	0	23.47	0.222	23.69	0.234	23.65	0.232



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	26.60	0.457	26.70	0.468	26.61	0.458
3	QPSK	1	8	26.59	0.456	26.76	0.474	26.52	0.449
3	QPSK	1	14	26.56	0.453	26.62	0.459	26.57	0.454
3	QPSK	8	0	25.51	0.356	25.61	0.364	25.61	0.364
3	QPSK	8	4	25.49	0.354	25.44	0.350	25.39	0.346
3	QPSK	8	7	25.19	0.330	25.37	0.344	25.22	0.333
3	QPSK	15	0	25.65	0.367	25.66	0.368	25.61	0.364
3	16QAM	1	0	25.66	0.368	25.77	0.378	25.69	0.371
3	16QAM	1	8	25.66	0.368	25.68	0.370	25.54	0.358
3	16QAM	1	14	25.54	0.358	25.49	0.354	25.51	0.356
3	16QAM	8	0	24.47	0.280	24.55	0.285	24.55	0.285
3	16QAM	8	4	24.54	0.284	24.48	0.281	24.78	0.301
3	16QAM	8	7	24.49	0.281	24.61	0.289	24.52	0.283
3	16QAM	15	0	24.54	0.284	24.69	0.294	24.80	0.302
3	64QAM	1	0	24.70	0.295	24.66	0.292	24.58	0.287
3	64QAM	1	8	24.61	0.289	24.59	0.288	24.54	0.284
3	64QAM	1	14	24.58	0.287	24.58	0.287	24.56	0.286
3	64QAM	8	0	23.62	0.230	23.62	0.230	23.73	0.236
3	64QAM	8	4	23.70	0.234	23.63	0.231	23.79	0.239
3	64QAM	8	7	23.76	0.238	23.78	0.239	23.70	0.234
3	64QAM	15	0	23.47	0.222	23.61	0.230	23.54	0.226



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	26.64	0.461	26.70	0.468	26.61	0.458
1.4	QPSK	1	3	26.62	0.459	26.71	0.469	26.51	0.448
1.4	QPSK	1	5	26.50	0.447	26.62	0.459	26.51	0.448
1.4	QPSK	3	0	26.47	0.444	26.61	0.458	26.47	0.444
1.4	QPSK	3	1	26.36	0.433	26.39	0.436	26.40	0.437
1.4	QPSK	3	3	26.16	0.413	26.38	0.435	26.18	0.415
1.4	QPSK	6	0	25.63	0.366	25.66	0.368	25.66	0.368
1.4	16QAM	1	0	25.71	0.372	25.73	0.374	25.71	0.372
1.4	16QAM	1	3	25.77	0.378	25.62	0.365	25.48	0.353
1.4	16QAM	1	5	25.50	0.355	25.55	0.359	25.54	0.358
1.4	16QAM	3	0	25.48	0.353	25.51	0.356	25.57	0.361
1.4	16QAM	3	1	25.44	0.350	25.52	0.356	25.71	0.372
1.4	16QAM	3	3	25.49	0.354	25.54	0.358	25.56	0.360
1.4	16QAM	6	0	24.52	0.283	24.60	0.288	24.76	0.299
1.4	64QAM	1	0	24.65	0.292	24.73	0.297	24.54	0.284
1.4	64QAM	1	3	24.66	0.292	24.53	0.284	24.46	0.279
1.4	64QAM	1	5	24.61	0.289	24.65	0.292	24.49	0.281
1.4	64QAM	3	0	24.52	0.283	24.48	0.281	24.56	0.286
1.4	64QAM	3	1	24.65	0.292	24.59	0.288	24.65	0.292
1.4	64QAM	3	3	24.60	0.288	24.61	0.289	24.59	0.288
1.4	64QAM	6	0	23.51	0.224	23.72	0.236	23.55	0.226



LTE Band 71				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				133222		133322		133372	
Frequency (MHz)				673		683		688	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	22.08	0.161	22.21	0.166	22.13	0.163
20	QPSK	1	49	22.10	0.162	22.13	0.163	22.05	0.160
20	QPSK	1	99	22.04	0.160	22.15	0.164	22.14	0.164
20	QPSK	50	0	21.11	0.129	21.21	0.132	21.12	0.129
20	QPSK	50	24	21.05	0.127	21.06	0.128	21.06	0.128
20	QPSK	50	50	21.12	0.129	21.09	0.129	21.13	0.130
20	QPSK	100	0	21.05	0.127	21.09	0.129	21.03	0.127
20	16QAM	1	0	21.21	0.132	21.40	0.138	21.19	0.132
20	16QAM	1	49	21.17	0.131	21.09	0.129	21.19	0.132
20	16QAM	1	99	21.10	0.129	21.10	0.129	21.25	0.133
20	16QAM	50	0	20.28	0.107	20.24	0.106	20.16	0.104
20	16QAM	50	24	20.21	0.105	20.27	0.106	20.03	0.101
20	16QAM	50	50	20.31	0.107	20.19	0.104	20.02	0.100
20	16QAM	100	0	20.32	0.108	20.10	0.102	20.04	0.101
20	64QAM	1	0	20.37	0.109	20.53	0.113	20.10	0.102
20	64QAM	1	49	20.25	0.106	20.39	0.109	20.21	0.105
20	64QAM	1	99	20.07	0.102	20.15	0.104	20.22	0.105
20	64QAM	50	0	19.33	0.086	19.23	0.084	19.02	0.080
20	64QAM	50	24	19.39	0.087	19.46	0.088	19.02	0.080
20	64QAM	50	50	19.37	0.086	19.28	0.085	19.04	0.080
20	64QAM	100	0	19.33	0.086	19.10	0.081	19.16	0.082



LTE Band 71				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				133197		133297		133397	
Frequency (MHz)				670.5		680.5		690.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	22.03	0.160	22.18	0.165	22.07	0.161
15	QPSK	1	37	22.05	0.160	22.05	0.160	22.02	0.159
15	QPSK	1	74	22.14	0.164	22.08	0.161	22.02	0.159
15	QPSK	36	0	21.02	0.126	21.17	0.131	21.05	0.127
15	QPSK	36	20	20.98	0.125	21.03	0.127	21.02	0.126
15	QPSK	36	39	21.08	0.128	20.99	0.126	21.04	0.127
15	QPSK	75	0	20.99	0.126	21.06	0.128	20.93	0.124
15	16QAM	1	0	21.17	0.131	21.31	0.135	21.13	0.130
15	16QAM	1	37	21.23	0.133	21.07	0.128	21.11	0.129
15	16QAM	1	74	21.06	0.128	21.00	0.126	21.11	0.129
15	16QAM	36	0	20.16	0.104	20.10	0.102	20.03	0.101
15	16QAM	36	20	20.17	0.104	20.21	0.105	19.99	0.100
15	16QAM	36	39	20.16	0.104	20.05	0.101	19.97	0.099
15	16QAM	75	0	20.27	0.106	19.98	0.100	20.00	0.100
15	64QAM	1	0	20.34	0.108	20.40	0.110	20.18	0.104
15	64QAM	1	37	20.27	0.106	20.26	0.106	20.28	0.107
15	64QAM	1	74	20.13	0.103	20.16	0.104	20.15	0.104
15	64QAM	36	0	19.32	0.086	19.13	0.082	19.13	0.082
15	64QAM	36	20	19.38	0.087	19.53	0.090	19.08	0.081
15	64QAM	36	39	19.34	0.086	19.20	0.083	18.98	0.079
15	64QAM	75	0	19.18	0.083	19.16	0.082	19.23	0.084



LTE Band 71				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				133172		133297		133422	
Frequency (MHz)				668		680.5		693	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	22.19	0.166	22.16	0.164	22.09	0.162
10	QPSK	1	25	22.05	0.160	22.07	0.161	22.14	0.164
10	QPSK	1	49	22.17	0.165	22.05	0.160	22.11	0.163
10	QPSK	25	0	21.02	0.126	21.11	0.129	21.04	0.127
10	QPSK	25	12	20.98	0.125	20.98	0.125	20.98	0.125
10	QPSK	25	25	21.06	0.128	20.99	0.126	21.10	0.129
10	QPSK	50	0	20.98	0.125	20.97	0.125	20.91	0.123
10	16QAM	1	0	21.11	0.129	21.28	0.134	21.16	0.131
10	16QAM	1	25	21.09	0.129	20.98	0.125	21.12	0.129
10	16QAM	1	49	21.03	0.127	21.07	0.128	21.23	0.133
10	16QAM	25	0	20.22	0.105	20.18	0.104	20.10	0.102
10	16QAM	25	12	20.18	0.104	20.14	0.103	19.94	0.099
10	16QAM	25	25	20.16	0.104	20.16	0.104	19.93	0.098
10	16QAM	50	0	20.29	0.107	20.01	0.100	20.02	0.100
10	64QAM	1	0	20.23	0.105	20.46	0.111	20.15	0.104
10	64QAM	1	25	20.14	0.103	20.26	0.106	20.25	0.106
10	64QAM	1	49	20.17	0.104	20.16	0.104	20.14	0.103
10	64QAM	25	0	19.34	0.086	19.14	0.082	19.18	0.083
10	64QAM	25	12	19.31	0.085	19.50	0.089	19.05	0.080
10	64QAM	25	25	19.25	0.084	19.21	0.083	18.94	0.078
10	64QAM	50	0	19.31	0.085	19.08	0.081	19.08	0.081



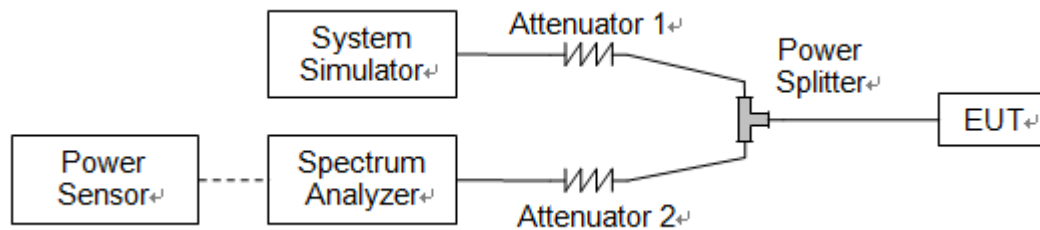
LTE Band 71				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				133147		133297		133447	
Frequency (MHz)				665.5		680.5		695.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	22.05	0.160	22.11	0.163	22.10	0.162
5	QPSK	1	12	22.03	0.160	22.05	0.160	22.09	0.162
5	QPSK	1	24	22.10	0.162	22.08	0.161	22.11	0.163
5	QPSK	12	0	21.00	0.126	21.16	0.131	21.02	0.126
5	QPSK	12	7	20.98	0.125	20.96	0.125	20.98	0.125
5	QPSK	12	13	21.03	0.127	21.01	0.126	21.07	0.128
5	QPSK	25	0	21.01	0.126	20.97	0.125	20.92	0.124
5	16QAM	1	0	21.09	0.129	21.35	0.136	21.11	0.129
5	16QAM	1	12	21.08	0.128	20.96	0.125	21.16	0.131
5	16QAM	1	24	21.06	0.128	20.97	0.125	21.16	0.131
5	16QAM	12	0	20.16	0.104	20.18	0.104	20.12	0.103
5	16QAM	12	7	20.19	0.104	20.21	0.105	19.99	0.100
5	16QAM	12	13	20.26	0.106	20.04	0.101	19.98	0.100
5	16QAM	25	0	20.22	0.105	20.05	0.101	19.99	0.100
5	64QAM	1	0	20.40	0.110	20.55	0.114	20.04	0.101
5	64QAM	1	12	20.27	0.106	20.45	0.111	20.13	0.103
5	64QAM	1	24	20.06	0.101	20.21	0.105	20.23	0.105
5	64QAM	12	0	19.37	0.086	19.18	0.083	19.05	0.080
5	64QAM	12	7	19.38	0.087	19.49	0.089	19.02	0.080
5	64QAM	12	13	19.40	0.087	19.20	0.083	18.89	0.077
5	64QAM	25	0	19.40	0.087	19.13	0.082	19.10	0.081

2.2. Occupied Bandwidth

2.2.1. Requirement

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

2.2.2. Test Description



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

2.2.3. Test Procedure

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



2.2.4. Test Result

LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B2	1.4	Low	18607	1850.7	QPSK	1.0917	1.2254	PASS
B2	1.4	Low	18607	1850.7	16QAM	1.0944	1.2325	PASS
B2	1.4	Low	18607	1850.7	64QAM	1.0931	1.2448	PASS
B2	1.4	Mid	18900	1880	QPSK	1.0929	1.2288	PASS
B2	1.4	Mid	18900	1880	16QAM	1.0928	1.2376	PASS
B2	1.4	Mid	18900	1880	64QAM	1.0964	1.2292	PASS
B2	1.4	High	19193	1909.3	QPSK	1.0934	1.2430	PASS
B2	1.4	High	19193	1909.3	16QAM	1.0968	1.2324	PASS
B2	1.4	High	19193	1909.3	64QAM	1.0963	1.2430	PASS
B2	3	Low	18615	1851.5	QPSK	2.7014	2.9930	PASS
B2	3	Low	18615	1851.5	16QAM	2.7012	2.9983	PASS
B2	3	Low	18615	1851.5	64QAM	2.7079	2.9955	PASS
B2	3	Mid	18900	1880	QPSK	2.6986	2.9841	PASS
B2	3	Mid	18900	1880	16QAM	2.7045	3.0046	PASS
B2	3	Mid	18900	1880	64QAM	2.7043	2.9926	PASS
B2	3	High	19185	1908.5	QPSK	2.7054	2.9968	PASS
B2	3	High	19185	1908.5	16QAM	2.7050	2.9985	PASS
B2	3	High	19185	1908.5	64QAM	2.7030	2.9834	PASS
B2	5	Low	18625	1852.5	QPSK	4.4873	4.9646	PASS
B2	5	Low	18625	1852.5	16QAM	4.4946	4.9567	PASS
B2	5	Low	18625	1852.5	64QAM	4.4928	4.9478	PASS
B2	5	Mid	18900	1880	QPSK	4.4857	4.9460	PASS
B2	5	Mid	18900	1880	16QAM	4.4869	4.9157	PASS
B2	5	Mid	18900	1880	64QAM	4.5092	4.9079	PASS
B2	5	High	19175	1907.5	QPSK	4.4868	4.9367	PASS
B2	5	High	19175	1907.5	16QAM	4.4945	4.9521	PASS
B2	5	High	19175	1907.5	64QAM	4.4987	4.9530	PASS
B2	10	Low	18650	1855	QPSK	8.9837	9.7712	PASS
B2	10	Low	18650	1855	16QAM	8.9484	9.7445	PASS
B2	10	Low	18650	1855	64QAM	8.9741	9.7279	PASS
B2	10	Mid	18900	1880	QPSK	8.9738	9.7203	PASS
B2	10	Mid	18900	1880	16QAM	8.9501	9.6840	PASS
B2	10	Mid	18900	1880	64QAM	8.9778	9.7379	PASS



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B2	10	High	19150	1905	QPSK	8.9840	9.7608	PASS
B2	10	High	19150	1905	16QAM	8.9494	9.6709	PASS
B2	10	High	19150	1905	64QAM	8.9741	9.7903	PASS
B2	15	Low	18675	1857.5	QPSK	13.475	14.467	PASS
B2	15	Low	18675	1857.5	16QAM	13.428	14.651	PASS
B2	15	Low	18675	1857.5	64QAM	13.419	14.584	PASS
B2	15	Mid	18900	1880	QPSK	13.445	14.603	PASS
B2	15	Mid	18900	1880	16QAM	13.440	14.600	PASS
B2	15	Mid	18900	1880	64QAM	13.402	14.496	PASS
B2	15	High	19125	1902.5	QPSK	13.441	14.572	PASS
B2	15	High	19125	1902.5	16QAM	13.448	14.633	PASS
B2	15	High	19125	1902.5	64QAM	13.442	14.402	PASS
B2	20	Low	18700	1860	QPSK	17.897	19.368	PASS
B2	20	Low	18700	1860	16QAM	17.909	19.334	PASS
B2	20	Low	18700	1860	64QAM	17.904	19.345	PASS
B2	20	Mid	18900	1880	QPSK	17.896	19.153	PASS
B2	20	Mid	18900	1880	16QAM	17.936	19.274	PASS
B2	20	Mid	18900	1880	64QAM	17.891	19.233	PASS
B2	20	High	19100	1900	QPSK	17.928	19.247	PASS
B2	20	High	19100	1900	16QAM	17.921	19.274	PASS
B2	20	High	19100	1900	64QAM	17.949	19.369	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	1.0909	1.2385	PASS
B4	1.4	Low	19957	1710.7	16QAM	1.0981	1.2387	PASS
B4	1.4	Low	19957	1710.7	64QAM	1.0929	1.2293	PASS
B4	1.4	Mid	20175	1732.5	QPSK	1.0969	1.2350	PASS
B4	1.4	Mid	20175	1732.5	16QAM	1.0980	1.2393	PASS
B4	1.4	Mid	20175	1732.5	64QAM	1.0961	1.2337	PASS
B4	1.4	High	20393	1754.3	QPSK	1.0950	1.2377	PASS
B4	1.4	High	20393	1754.3	16QAM	1.0935	1.2380	PASS
B4	1.4	High	20393	1754.3	64QAM	1.0952	1.2354	PASS
B4	3	Low	19965	1711.5	QPSK	2.7005	2.9920	PASS
B4	3	Low	19965	1711.5	16QAM	2.7011	3.0052	PASS
B4	3	Low	19965	1711.5	64QAM	2.7000	3.0062	PASS
B4	3	Mid	20175	1732.5	QPSK	2.7019	2.9882	PASS
B4	3	Mid	20175	1732.5	16QAM	2.7028	3.0324	PASS
B4	3	Mid	20175	1732.5	64QAM	2.7050	3.0060	PASS
B4	3	High	20385	1753.5	QPSK	2.6965	2.9915	PASS
B4	3	High	20385	1753.5	16QAM	2.7022	3.0303	PASS
B4	3	High	20385	1753.5	64QAM	2.7077	3.0061	PASS
B4	5	Low	19975	1712.5	QPSK	4.4911	4.9380	PASS
B4	5	Low	19975	1712.5	16QAM	4.4923	4.9163	PASS
B4	5	Low	19975	1712.5	64QAM	4.5028	4.9139	PASS
B4	5	Mid	20175	1732.5	QPSK	4.4892	4.9665	PASS
B4	5	Mid	20175	1732.5	16QAM	4.4983	4.9056	PASS
B4	5	Mid	20175	1732.5	64QAM	4.4919	4.9011	PASS
B4	5	High	20375	1752.5	QPSK	4.4911	4.9478	PASS
B4	5	High	20375	1752.5	16QAM	4.4927	4.8917	PASS
B4	5	High	20375	1752.5	64QAM	4.5074	4.9344	PASS
B4	10	Low	20000	1715	QPSK	8.9842	9.7116	PASS
B4	10	Low	20000	1715	16QAM	8.9706	9.6574	PASS
B4	10	Low	20000	1715	64QAM	8.9699	9.8064	PASS
B4	10	Mid	20175	1732.5	QPSK	8.9908	9.7905	PASS
B4	10	Mid	20175	1732.5	16QAM	8.9490	9.6881	PASS
B4	10	Mid	20175	1732.5	64QAM	8.9763	9.7825	PASS
B4	10	High	20350	1750	QPSK	8.9999	9.8025	PASS
B4	10	High	20350	1750	16QAM	8.9649	9.6427	PASS



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B4	10	High	20350	1750	64QAM	8.9775	9.7578	PASS
B4	15	Low	20025	1717.5	QPSK	13.440	14.555	PASS
B4	15	Low	20025	1717.5	16QAM	13.442	14.531	PASS
B4	15	Low	20025	1717.5	64QAM	13.456	14.573	PASS
B4	15	Mid	20175	1732.5	QPSK	13.455	14.548	PASS
B4	15	Mid	20175	1732.5	16QAM	13.451	14.674	PASS
B4	15	Mid	20175	1732.5	64QAM	13.447	14.594	PASS
B4	15	High	20325	1747.5	QPSK	13.431	14.470	PASS
B4	15	High	20325	1747.5	16QAM	13.456	14.594	PASS
B4	15	High	20325	1747.5	64QAM	13.427	14.571	PASS
B4	20	Low	20050	1720	QPSK	17.892	19.424	PASS
B4	20	Low	20050	1720	16QAM	17.920	19.427	PASS
B4	20	Low	20050	1720	64QAM	17.927	19.425	PASS
B4	20	Mid	20175	1732.5	QPSK	17.905	19.299	PASS
B4	20	Mid	20175	1732.5	16QAM	17.922	19.299	PASS
B4	20	Mid	20175	1732.5	64QAM	17.926	19.274	PASS
B4	20	High	20300	1745	QPSK	17.917	19.313	PASS
B4	20	High	20300	1745	16QAM	17.906	19.367	PASS
B4	20	High	20300	1745	64QAM	17.940	19.370	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	1.0927	1.2403	PASS
B5	1.4	Low	20407	824.7	16QAM	1.0955	1.2416	PASS
B5	1.4	Low	20407	824.7	64QAM	1.0954	1.2341	PASS
B5	1.4	Mid	20525	836.5	QPSK	1.0956	1.2370	PASS
B5	1.4	Mid	20525	836.5	16QAM	1.0928	1.2395	PASS
B5	1.4	Mid	20525	836.5	64QAM	1.0959	1.2310	PASS
B5	1.4	High	20643	848.3	QPSK	1.0948	1.2340	PASS
B5	1.4	High	20643	848.3	16QAM	1.0954	1.2335	PASS
B5	1.4	High	20643	848.3	64QAM	1.0956	1.2275	PASS
B5	3	Low	20415	825.5	QPSK	2.7024	2.9921	PASS
B5	3	Low	20415	825.5	16QAM	2.7033	2.9957	PASS
B5	3	Low	20415	825.5	64QAM	2.7036	2.9955	PASS
B5	3	Mid	20525	836.5	QPSK	2.7001	2.9885	PASS
B5	3	Mid	20525	836.5	16QAM	2.6996	3.0079	PASS
B5	3	Mid	20525	836.5	64QAM	2.7065	2.9972	PASS
B5	3	High	20635	847.5	QPSK	2.7002	2.9868	PASS
B5	3	High	20635	847.5	16QAM	2.7052	3.0127	PASS
B5	3	High	20635	847.5	64QAM	2.7012	2.9940	PASS
B5	5	Low	20425	826.5	QPSK	4.4873	4.9233	PASS
B5	5	Low	20425	826.5	16QAM	4.4907	4.9017	PASS
B5	5	Low	20425	826.5	64QAM	4.5001	4.9234	PASS
B5	5	Mid	20525	836.5	QPSK	4.4889	4.9408	PASS
B5	5	Mid	20525	836.5	16QAM	4.4926	4.9394	PASS
B5	5	Mid	20525	836.5	64QAM	4.4897	4.9605	PASS
B5	5	High	20625	846.5	QPSK	4.4837	4.9227	PASS
B5	5	High	20625	846.5	16QAM	4.4884	4.9125	PASS
B5	5	High	20625	846.5	64QAM	4.5023	4.9284	PASS
B5	10	Low	20450	829	QPSK	8.9805	9.7448	PASS
B5	10	Low	20450	829	16QAM	8.9496	9.6679	PASS
B5	10	Low	20450	829	64QAM	8.9696	9.7238	PASS
B5	10	Mid	20525	836.5	QPSK	8.9526	9.6953	PASS
B5	10	Mid	20525	836.5	16QAM	8.9451	9.6580	PASS
B5	10	Mid	20525	836.5	64QAM	8.9628	9.7533	PASS
B5	10	High	20600	844	QPSK	8.9738	9.6797	PASS
B5	10	High	20600	844	16QAM	8.9400	9.7003	PASS



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B5	10	High	20600	844	64QAM	8.9579	9.7237	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	4.4892	4.8864	PASS
B7	5	Low	20775	2502.5	16QAM	4.4857	4.9413	PASS
B7	5	Low	20775	2502.5	64QAM	4.4961	4.9033	PASS
B7	5	Mid	21100	2535	QPSK	4.4816	4.9192	PASS
B7	5	Mid	21100	2535	16QAM	4.4930	4.9382	PASS
B7	5	Mid	21100	2535	64QAM	4.5021	4.9081	PASS
B7	5	High	21425	2567.5	QPSK	4.4864	4.9277	PASS
B7	5	High	21425	2567.5	16QAM	4.4878	4.9337	PASS
B7	5	High	21425	2567.5	64QAM	4.5003	4.9374	PASS
B7	10	Low	20800	2505	QPSK	8.9804	9.7713	PASS
B7	10	Low	20800	2505	16QAM	8.9629	9.6664	PASS
B7	10	Low	20800	2505	64QAM	8.9499	9.7786	PASS
B7	10	Mid	21100	2535	QPSK	8.9852	9.7658	PASS
B7	10	Mid	21100	2535	16QAM	8.9425	9.6499	PASS
B7	10	Mid	21100	2535	64QAM	8.9775	9.7083	PASS
B7	10	High	21400	2565	QPSK	8.9885	9.7697	PASS
B7	10	High	21400	2565	16QAM	8.9692	9.7439	PASS
B7	10	High	21400	2565	64QAM	8.9748	9.7124	PASS
B7	15	Low	20825	2507.5	QPSK	13.439	14.609	PASS
B7	15	Low	20825	2507.5	16QAM	13.447	14.570	PASS
B7	15	Low	20825	2507.5	64QAM	13.400	14.565	PASS
B7	15	Mid	21100	2535	QPSK	13.439	14.583	PASS
B7	15	Mid	21100	2535	16QAM	13.452	14.475	PASS
B7	15	Mid	21100	2535	64QAM	13.449	14.572	PASS
B7	15	High	21375	2562.5	QPSK	13.458	14.539	PASS
B7	15	High	21375	2562.5	16QAM	13.433	14.543	PASS
B7	15	High	21375	2562.5	64QAM	13.431	14.637	PASS
B7	20	Low	20850	2510	QPSK	17.905	19.397	PASS
B7	20	Low	20850	2510	16QAM	17.899	19.318	PASS
B7	20	Low	20850	2510	64QAM	17.903	19.348	PASS
B7	20	Mid	21100	2535	QPSK	17.935	19.398	PASS
B7	20	Mid	21100	2535	16QAM	17.938	19.365	PASS
B7	20	Mid	21100	2535	64QAM	17.929	19.330	PASS
B7	20	High	21350	2560	QPSK	17.892	19.290	PASS
B7	20	High	21350	2560	16QAM	17.924	19.376	PASS



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B7	20	High	21350	2560	64QAM	17.919	19.367	PASS
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LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B12	1.4	Low	23017	699.7	QPSK	1.0914	1.2461	PASS
B12	1.4	Low	23017	699.7	16QAM	1.0960	1.2364	PASS
B12	1.4	Low	23017	699.7	64QAM	1.0967	1.2322	PASS
B12	1.4	Mid	23095	707.5	QPSK	1.0894	1.2457	PASS
B12	1.4	Mid	23095	707.5	16QAM	1.0931	1.2307	PASS
B12	1.4	Mid	23095	707.5	64QAM	1.0971	1.2322	PASS
B12	1.4	High	23173	715.3	QPSK	1.0916	1.2345	PASS
B12	1.4	High	23173	715.3	16QAM	1.0948	1.2301	PASS
B12	1.4	High	23173	715.3	64QAM	1.0967	1.2396	PASS
B12	3	Low	23025	700.5	QPSK	2.6999	2.9890	PASS
B12	3	Low	23025	700.5	16QAM	2.7021	3.0003	PASS
B12	3	Low	23025	700.5	64QAM	2.7031	2.9966	PASS
B12	3	Mid	23095	707.5	QPSK	2.6988	3.0161	PASS
B12	3	Mid	23095	707.5	16QAM	2.7009	2.9898	PASS
B12	3	Mid	23095	707.5	64QAM	2.6996	2.9769	PASS
B12	3	High	23165	714.5	QPSK	2.6977	2.9986	PASS
B12	3	High	23165	714.5	16QAM	2.7005	3.0212	PASS
B12	3	High	23165	714.5	64QAM	2.6987	2.9922	PASS
B12	5	Low	23035	701.5	QPSK	4.4914	4.9526	PASS
B12	5	Low	23035	701.5	16QAM	4.4928	4.9176	PASS
B12	5	Low	23035	701.5	64QAM	4.4911	4.9504	PASS
B12	5	Mid	23095	707.5	QPSK	4.4849	4.9404	PASS
B12	5	Mid	23095	707.5	16QAM	4.4828	4.9301	PASS
B12	5	Mid	23095	707.5	64QAM	4.4866	4.9293	PASS
B12	5	High	23155	713.5	QPSK	4.4907	4.9219	PASS
B12	5	High	23155	713.5	16QAM	4.4892	4.9506	PASS
B12	5	High	23155	713.5	64QAM	4.4910	4.9216	PASS
B12	10	Low	23060	704	QPSK	8.9716	9.6944	PASS
B12	10	Low	23060	704	16QAM	8.9387	9.7114	PASS
B12	10	Low	23060	704	64QAM	8.9551	9.7379	PASS
B12	10	Mid	23095	707.5	QPSK	8.9589	9.7319	PASS
B12	10	Mid	23095	707.5	16QAM	8.9185	9.6014	PASS
B12	10	Mid	23095	707.5	64QAM	8.9419	9.7368	PASS
B12	10	High	23130	711	QPSK	8.9572	9.7114	PASS
B12	10	High	23130	711	16QAM	8.9340	9.6335	PASS



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B12	10	High	23130	711	64QAM	8.9549	9.7260	PASS
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LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B13	5	Low	23205	779.5	QPSK	4.4860	4.9294	PASS
B13	5	Low	23205	779.5	16QAM	4.4857	4.9196	PASS
B13	5	Low	23205	779.5	64QAM	4.4822	4.9237	PASS
B13	5	Mid	23230	782	QPSK	4.4936	4.9323	PASS
B13	5	Mid	23230	782	16QAM	4.4920	4.9505	PASS
B13	5	Mid	23230	782	64QAM	4.4923	4.9551	PASS
B13	5	High	23255	784.5	QPSK	4.4865	4.9160	PASS
B13	5	High	23255	784.5	16QAM	4.4895	4.9375	PASS
B13	5	High	23255	784.5	64QAM	4.4888	4.9253	PASS
B13	10	Mid	23230	782	QPSK	8.9482	9.6754	PASS
B13	10	Mid	23230	782	16QAM	8.9372	9.5909	PASS
B13	10	Mid	23230	782	64QAM	8.9387	9.7183	PASS



LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B17	5	Low	23755	706.5	QPSK	4.4938	4.9596	PASS
B17	5	Low	23755	706.5	16QAM	4.4830	4.9338	PASS
B17	5	Low	23755	706.5	64QAM	4.4969	4.9026	PASS
B17	5	Mid	23790	710	QPSK	4.4838	4.9349	PASS
B17	5	Mid	23790	710	16QAM	4.4849	4.9065	PASS
B17	5	Mid	23790	710	64QAM	4.4911	4.8904	PASS
B17	5	High	23825	713.5	QPSK	4.4834	4.9694	PASS
B17	5	High	23825	713.5	16QAM	4.4939	4.9522	PASS
B17	5	High	23825	713.5	64QAM	4.5043	4.9449	PASS
B17	10	Low	23780	709	QPSK	8.9569	9.7016	PASS
B17	10	Low	23780	709	16QAM	8.9395	9.6542	PASS
B17	10	Low	23780	709	64QAM	8.9403	9.6860	PASS
B17	10	Mid	23790	710	QPSK	8.9599	9.7192	PASS
B17	10	Mid	23790	710	16QAM	8.9227	9.6916	PASS
B17	10	Mid	23790	710	64QAM	8.9503	9.7192	PASS
B17	10	High	23800	711	QPSK	8.9564	9.6486	PASS
B17	10	High	23800	711	16QAM	8.9422	9.6923	PASS
B17	10	High	23800	711	64QAM	8.9558	9.6945	PASS



LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B25	1.4	Low	26047	1850.7	QPSK	1.0953	1.2297	PASS
B25	1.4	Low	26047	1850.7	16QAM	1.0955	1.2394	PASS
B25	1.4	Low	26047	1850.7	64QAM	1.0966	1.2304	PASS
B25	1.4	Mid	26365	1882.5	QPSK	1.0949	1.2409	PASS
B25	1.4	Mid	26365	1882.5	16QAM	1.0975	1.2280	PASS
B25	1.4	Mid	26365	1882.5	64QAM	1.0948	1.2289	PASS
B25	1.4	High	26683	1914.3	QPSK	1.0931	1.2360	PASS
B25	1.4	High	26683	1914.3	16QAM	1.0969	1.2306	PASS
B25	1.4	High	26683	1914.3	64QAM	1.0964	1.2342	PASS
B25	3	Low	26055	1851.5	QPSK	2.7020	2.9831	PASS
B25	3	Low	26055	1851.5	16QAM	2.7060	2.9998	PASS
B25	3	Low	26055	1851.5	64QAM	2.7090	2.9968	PASS
B25	3	Mid	26365	1882.5	QPSK	2.7030	3.0057	PASS
B25	3	Mid	26365	1882.5	16QAM	2.7084	3.0037	PASS
B25	3	Mid	26365	1882.5	64QAM	2.7054	2.9832	PASS
B25	3	High	26675	1913.5	QPSK	2.7009	2.9973	PASS
B25	3	High	26675	1913.5	16QAM	2.7052	3.0261	PASS
B25	3	High	26675	1913.5	64QAM	2.7054	2.9896	PASS
B25	5	Low	26065	1852.5	QPSK	4.4924	4.9563	PASS
B25	5	Low	26065	1852.5	16QAM	4.4896	4.9155	PASS
B25	5	Low	26065	1852.5	64QAM	4.4916	4.9432	PASS
B25	5	Mid	26365	1882.5	QPSK	4.4902	4.9353	PASS
B25	5	Mid	26365	1882.5	16QAM	4.4912	4.9591	PASS
B25	5	Mid	26365	1882.5	64QAM	4.5011	4.9419	PASS
B25	5	High	26665	1912.5	QPSK	4.4910	4.9482	PASS
B25	5	High	26665	1912.5	16QAM	4.4899	4.8950	PASS
B25	5	High	26665	1912.5	64QAM	4.5080	4.9511	PASS
B25	10	Low	26090	1855	QPSK	8.9634	9.7815	PASS
B25	10	Low	26090	1855	16QAM	8.9622	9.7477	PASS
B25	10	Low	26090	1855	64QAM	8.9730	9.7365	PASS
B25	10	Mid	26365	1882.5	QPSK	8.9852	9.7191	PASS
B25	10	Mid	26365	1882.5	16QAM	8.9474	9.7152	PASS
B25	10	Mid	26365	1882.5	64QAM	8.9616	9.7736	PASS
B25	10	High	26640	1910	QPSK	8.9667	9.7457	PASS
B25	10	High	26640	1910	16QAM	8.9552	9.6896	PASS



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B25	10	High	26640	1910	64QAM	8.9650	9.7827	PASS
B25	15	Low	26115	1857.5	QPSK	13.466	14.577	PASS
B25	15	Low	26115	1857.5	16QAM	13.431	14.534	PASS
B25	15	Low	26115	1857.5	64QAM	13.434	14.565	PASS
B25	15	Mid	26365	1882.5	QPSK	13.467	14.444	PASS
B25	15	Mid	26365	1882.5	16QAM	13.439	14.581	PASS
B25	15	Mid	26365	1882.5	64QAM	13.412	14.491	PASS
B25	15	High	26615	1907.5	QPSK	13.444	14.582	PASS
B25	15	High	26615	1907.5	16QAM	13.442	14.649	PASS
B25	15	High	26615	1907.5	64QAM	13.414	14.492	PASS
B25	20	Low	26140	1860	QPSK	17.871	19.405	PASS
B25	20	Low	26140	1860	16QAM	17.920	19.303	PASS
B25	20	Low	26140	1860	64QAM	17.923	19.342	PASS
B25	20	Mid	26365	1882.5	QPSK	17.901	19.203	PASS
B25	20	Mid	26365	1882.5	16QAM	17.923	19.255	PASS
B25	20	Mid	26365	1882.5	64QAM	17.925	19.314	PASS
B25	20	High	26590	1905	QPSK	17.916	19.439	PASS
B25	20	High	26590	1905	16QAM	17.914	19.231	PASS
B25	20	High	26590	1905	64QAM	17.911	19.227	PASS



LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B26 Part22	1.4	Low	26797	824.7	QPSK	1.0951	1.2355	PASS
B26 Part22	1.4	Low	26797	824.7	16QAM	1.0977	1.2328	PASS
B26 Part22	1.4	Low	26797	824.7	64QAM	1.0950	1.2380	PASS
B26 Part22	1.4	Mid	26915	836.5	QPSK	1.0925	1.2428	PASS
B26 Part22	1.4	Mid	26915	836.5	16QAM	1.0986	1.2404	PASS
B26 Part22	1.4	Mid	26915	836.5	64QAM	1.0941	1.2334	PASS
B26 Part22	1.4	High	27033	848.3	QPSK	1.0941	1.2307	PASS
B26 Part22	1.4	High	27033	848.3	16QAM	1.0958	1.2303	PASS
B26 Part22	1.4	High	27033	848.3	64QAM	1.0962	1.2355	PASS
B26 Part22	3	Low	26805	825.5	QPSK	2.6993	2.9932	PASS
B26 Part22	3	Low	26805	825.5	16QAM	2.7069	2.9965	PASS
B26 Part22	3	Low	26805	825.5	64QAM	2.7033	2.9939	PASS
B26 Part22	3	Mid	26915	836.5	QPSK	2.6985	2.9877	PASS
B26 Part22	3	Mid	26915	836.5	16QAM	2.7053	3.0070	PASS
B26 Part22	3	Mid	26915	836.5	64QAM	2.7066	2.9933	PASS
B26 Part22	3	High	27025	847.5	QPSK	2.7005	3.0083	PASS
B26 Part22	3	High	27025	847.5	16QAM	2.6955	2.9981	PASS
B26	3	High	27025	847.5	64QAM	2.6987	2.9882	PASS



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Part22								
B26 Part22	5	Low	26815	826.5	QPSK	4.4881	4.9224	PASS
B26 Part22	5	Low	26815	826.5	16QAM	4.4895	4.9471	PASS
B26 Part22	5	Low	26815	826.5	64QAM	4.5003	4.9399	PASS
B26 Part22	5	Mid	26915	836.5	QPSK	4.4813	4.9243	PASS
B26 Part22	5	Mid	26915	836.5	16QAM	4.4909	4.9475	PASS
B26 Part22	5	Mid	26915	836.5	64QAM	4.4919	4.9223	PASS
B26 Part22	5	High	27015	846.5	QPSK	4.4875	4.9388	PASS
B26 Part22	5	High	27015	846.5	16QAM	4.4932	4.9238	PASS
B26 Part22	5	High	27015	846.5	64QAM	4.4952	4.9236	PASS
B26 Part22	10	Low	26840	829	QPSK	8.9644	9.6496	PASS
B26 Part22	10	Low	26840	829	16QAM	8.9559	9.6678	PASS
B26 Part22	10	Low	26840	829	64QAM	8.9603	9.7704	PASS
B26 Part22	10	Mid	26915	836.5	QPSK	8.9599	9.6572	PASS
B26 Part22	10	Mid	26915	836.5	16QAM	8.9375	9.6322	PASS
B26 Part22	10	Mid	26915	836.5	64QAM	8.9547	9.7284	PASS
B26 Part22	10	High	26990	844	QPSK	8.9733	9.7760	PASS
B26 Part22	10	High	26990	844	16QAM	8.9455	9.6527	PASS
B26 Part22	10	High	26990	844	64QAM	8.9558	9.7585	PASS
B26	15	Low	26865	831.5	QPSK	13.459	14.571	PASS



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Part22								
B26 Part22	15	Low	26865	831.5	16QAM	13.434	14.586	PASS
B26 Part22	15	Low	26865	831.5	64QAM	13.435	14.598	PASS
B26 Part22	15	Mid	26915	836.5	QPSK	13.440	14.454	PASS
B26 Part22	15	Mid	26915	836.5	16QAM	13.438	14.579	PASS
B26 Part22	15	Mid	26915	836.5	64QAM	13.409	14.676	PASS
B26 Part22	15	High	26965	841.5	QPSK	13.430	14.523	PASS
B26 Part22	15	High	26965	841.5	16QAM	13.419	14.507	PASS
B26 Part22	15	High	26965	841.5	64QAM	13.409	14.523	PASS



LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B41	5	Low	39675	2498.5	QPSK	4.4874	4.9222	PASS
B41	5	Low	39675	2498.5	16QAM	4.4942	5.0915	PASS
B41	5	Low	39675	2498.5	64QAM	4.4950	4.8562	PASS
B41	5	Mid	40620	2593	QPSK	4.4902	4.9686	PASS
B41	5	Mid	40620	2593	16QAM	4.4949	5.1262	PASS
B41	5	Mid	40620	2593	64QAM	4.4940	4.9045	PASS
B41	5	High	41565	2687.5	QPSK	4.4966	4.9494	PASS
B41	5	High	41565	2687.5	16QAM	4.4905	5.1215	PASS
B41	5	High	41565	2687.5	64QAM	4.5004	4.9115	PASS
B41	10	Low	39700	2501	QPSK	8.9573	9.7653	PASS
B41	10	Low	39700	2501	16QAM	8.9525	9.6861	PASS
B41	10	Low	39700	2501	64QAM	8.9461	9.8355	PASS
B41	10	Mid	40620	2593	QPSK	8.9696	9.8509	PASS
B41	10	Mid	40620	2593	16QAM	8.9525	9.5884	PASS
B41	10	Mid	40620	2593	64QAM	8.9688	9.8198	PASS
B41	10	High	41540	2685	QPSK	8.9789	9.7621	PASS
B41	10	High	41540	2685	16QAM	8.9552	9.5897	PASS
B41	10	High	41540	2685	64QAM	8.9802	9.8988	PASS
B41	15	Low	39725	2503.5	QPSK	13.392	14.797	PASS
B41	15	Low	39725	2503.5	16QAM	13.417	14.538	PASS
B41	15	Low	39725	2503.5	64QAM	13.424	14.510	PASS
B41	15	Mid	40620	2593	QPSK	13.477	14.823	PASS
B41	15	Mid	40620	2593	16QAM	13.459	14.859	PASS
B41	15	Mid	40620	2593	64QAM	13.432	14.611	PASS
B41	15	High	41515	2682.5	QPSK	13.410	15.015	PASS
B41	15	High	41515	2682.5	16QAM	13.436	14.624	PASS
B41	15	High	41515	2682.5	64QAM	13.447	15.087	PASS
B41	20	Low	39750	2506	QPSK	17.897	19.560	PASS
B41	20	Low	39750	2506	16QAM	17.870	19.305	PASS
B41	20	Low	39750	2506	64QAM	17.917	19.219	PASS
B41	20	Mid	40620	2593	QPSK	17.920	19.215	PASS
B41	20	Mid	40620	2593	16QAM	17.900	19.926	PASS
B41	20	Mid	40620	2593	64QAM	17.909	19.525	PASS
B41	20	High	41490	2680	QPSK	17.924	19.498	PASS
B41	20	High	41490	2680	16QAM	17.879	19.756	PASS



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B41	20	High	41490	2680	64QAM	17.904	21.415	PASS
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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	1.0923	1.2451	PASS
B66	1.4	Low	131979	1710.7	16QAM	1.0984	1.2385	PASS
B66	1.4	Low	131979	1710.7	64QAM	1.0940	1.2339	PASS
B66	1.4	Mid	132322	1745	QPSK	1.0948	1.2377	PASS
B66	1.4	Mid	132322	1745	16QAM	1.0954	1.2302	PASS
B66	1.4	Mid	132322	1745	64QAM	1.0963	1.2373	PASS
B66	1.4	High	132665	1779.3	QPSK	1.0956	1.2396	PASS
B66	1.4	High	132665	1779.3	16QAM	1.0942	1.2420	PASS
B66	1.4	High	132665	1779.3	64QAM	1.0965	1.2377	PASS
B66	3	Low	131987	1711.5	QPSK	2.6985	2.9886	PASS
B66	3	Low	131987	1711.5	16QAM	2.7051	3.0235	PASS
B66	3	Low	131987	1711.5	64QAM	2.7046	2.9941	PASS
B66	3	Mid	132322	1745	QPSK	2.6982	2.9846	PASS
B66	3	Mid	132322	1745	16QAM	2.7025	3.0138	PASS
B66	3	Mid	132322	1745	64QAM	2.7044	2.9990	PASS
B66	3	High	132657	1778.5	QPSK	2.7024	3.0183	PASS
B66	3	High	132657	1778.5	16QAM	2.7057	3.0109	PASS
B66	3	High	132657	1778.5	64QAM	2.7057	2.9816	PASS
B66	5	Low	131997	1712.5	QPSK	4.4934	4.9608	PASS
B66	5	Low	131997	1712.5	16QAM	4.4933	4.9196	PASS
B66	5	Low	131997	1712.5	64QAM	4.5012	4.9588	PASS
B66	5	Mid	132322	1745	QPSK	4.4939	4.9168	PASS
B66	5	Mid	132322	1745	16QAM	4.4894	4.9238	PASS
B66	5	Mid	132322	1745	64QAM	4.4984	4.9525	PASS
B66	5	High	132647	1777.5	QPSK	4.4953	4.9497	PASS
B66	5	High	132647	1777.5	16QAM	4.4898	4.9585	PASS
B66	5	High	132647	1777.5	64QAM	4.4910	4.9218	PASS
B66	10	Low	132022	1715	QPSK	8.9944	9.8076	PASS
B66	10	Low	132022	1715	16QAM	8.9474	9.6794	PASS
B66	10	Low	132022	1715	64QAM	8.9643	9.7245	PASS
B66	10	Mid	132322	1745	QPSK	8.9695	9.7416	PASS
B66	10	Mid	132322	1745	16QAM	8.9648	9.6900	PASS
B66	10	Mid	132322	1745	64QAM	8.9781	9.7466	PASS
B66	10	High	132622	1775	QPSK	8.9891	9.7780	PASS
B66	10	High	132622	1775	16QAM	8.9580	9.7376	PASS



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B66	10	High	132622	1775	64QAM	8.9654	9.7604	PASS
B66	15	Low	132047	1717.5	QPSK	13.465	14.509	PASS
B66	15	Low	132047	1717.5	16QAM	13.451	14.587	PASS
B66	15	Low	132047	1717.5	64QAM	13.436	14.682	PASS
B66	15	Mid	132322	1745	QPSK	13.438	14.575	PASS
B66	15	Mid	132322	1745	16QAM	13.443	14.535	PASS
B66	15	Mid	132322	1745	64QAM	13.448	14.653	PASS
B66	15	High	132597	1772.5	QPSK	13.431	14.589	PASS
B66	15	High	132597	1772.5	16QAM	13.448	14.502	PASS
B66	15	High	132597	1772.5	64QAM	13.421	14.602	PASS
B66	20	Low	132072	1720	QPSK	17.895	19.243	PASS
B66	20	Low	132072	1720	16QAM	17.956	19.392	PASS
B66	20	Low	132072	1720	64QAM	17.921	19.439	PASS
B66	20	Mid	132322	1745	QPSK	17.898	19.381	PASS
B66	20	Mid	132322	1745	16QAM	17.926	19.364	PASS
B66	20	Mid	132322	1745	64QAM	17.941	19.351	PASS
B66	20	High	132572	1770	QPSK	17.910	19.365	PASS
B66	20	High	132572	1770	16QAM	17.911	19.179	PASS
B66	20	High	132572	1770	64QAM	17.898	19.291	PASS



LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B71	5	Low	133147	665.5	QPSK	4.4791	4.8961	PASS
B71	5	Low	133147	665.5	16QAM	4.4751	4.9266	PASS
B71	5	Low	133147	665.5	64QAM	4.4925	4.9420	PASS
B71	5	Mid	133297	680.5	QPSK	4.4869	4.9480	PASS
B71	5	Mid	133297	680.5	16QAM	4.4954	4.9393	PASS
B71	5	Mid	133297	680.5	64QAM	4.5014	4.9389	PASS
B71	5	High	133447	695.5	QPSK	4.4862	4.9432	PASS
B71	5	High	133447	695.5	16QAM	4.4898	4.9055	PASS
B71	5	High	133447	695.5	64QAM	4.4992	4.9204	PASS
B71	10	Low	133172	668	QPSK	8.9535	9.7041	PASS
B71	10	Low	133172	668	16QAM	8.9198	9.7097	PASS
B71	10	Low	133172	668	64QAM	8.9301	9.7381	PASS
B71	10	Mid	133297	680.5	QPSK	8.9659	9.7444	PASS
B71	10	Mid	133297	680.5	16QAM	8.9423	9.6344	PASS
B71	10	Mid	133297	680.5	64QAM	8.9577	9.7062	PASS
B71	10	High	133422	693	QPSK	8.9545	9.7397	PASS
B71	10	High	133422	693	16QAM	8.9635	9.7477	PASS
B71	10	High	133422	693	64QAM	8.9574	9.6858	PASS
B71	15	Low	133197	670.5	QPSK	13.428	14.565	PASS
B71	15	Low	133197	670.5	16QAM	13.398	14.415	PASS
B71	15	Low	133197	670.5	64QAM	13.388	14.505	PASS
B71	15	Mid	133297	680.5	QPSK	13.438	14.492	PASS
B71	15	Mid	133297	680.5	16QAM	13.406	14.582	PASS
B71	15	Mid	133297	680.5	64QAM	13.392	14.577	PASS
B71	15	High	133397	690.5	QPSK	13.442	14.476	PASS
B71	15	High	133397	690.5	16QAM	13.421	14.543	PASS
B71	15	High	133397	690.5	64QAM	13.402	14.513	PASS
B71	20	Low	133222	673	QPSK	17.858	19.221	PASS
B71	20	Low	133222	673	16QAM	17.857	19.309	PASS
B71	20	Low	133222	673	64QAM	17.837	19.201	PASS
B71	20	Mid	133322	683	QPSK	17.847	19.204	PASS
B71	20	Mid	133322	683	16QAM	17.846	19.254	PASS
B71	20	Mid	133322	683	64QAM	17.848	19.180	PASS
B71	20	High	133372	688	QPSK	17.862	19.183	PASS
B71	20	High	133372	688	16QAM	17.893	19.176	PASS



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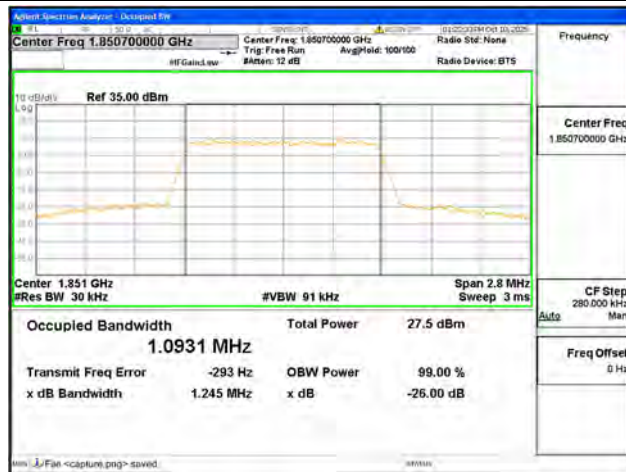
B71	20	High	133372	688	64QAM	17.853	19.195	PASS
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B2 / 1.4MHz / QPSK/ Low CH



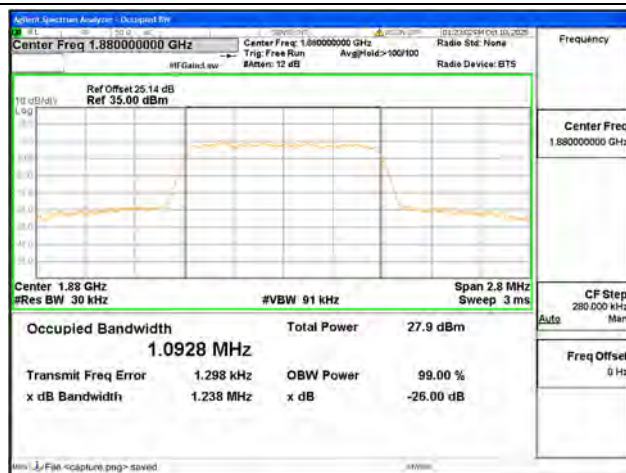
B2 / 1.4MHz / 16QAM/ Low CH



B2 / 1.4MHz / 64QAM/ Low CH



B2 / 1.4MHz / QPSK/ Mid CH



B2 / 1.4MHz / 16QAM/ Mid CH



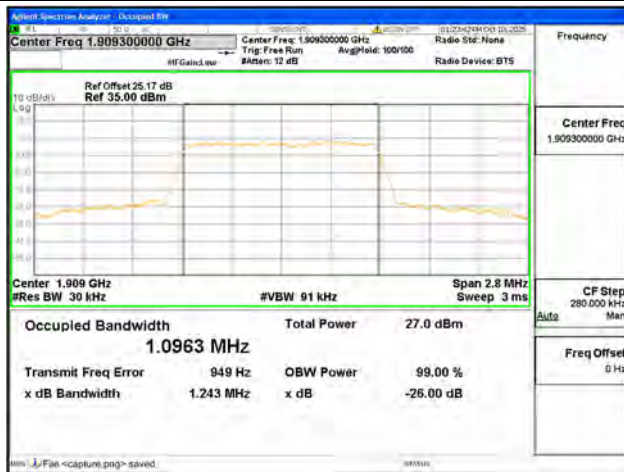
B2 / 1.4MHz / 64QAM/ Mid CH



B2 / 1.4MHz / QPSK/ High CH



B2 / 1.4MHz / 16QAM/ High CH



B2 / 1.4MHz / 64QAM/ High CH



B2 / 3MHz / QPSK/ Low CH



B2 / 3MHz / 16QAM/ Low CH



B2 / 3MHz / 64QAM/ Low CH



B2 / 3MHz / QPSK/ Mid CH



B2 / 3MHz / 16QAM/ Mid CH



B2 / 3MHz / 64QAM/ Mid CH



B2 / 3MHz / QPSK/ High CH



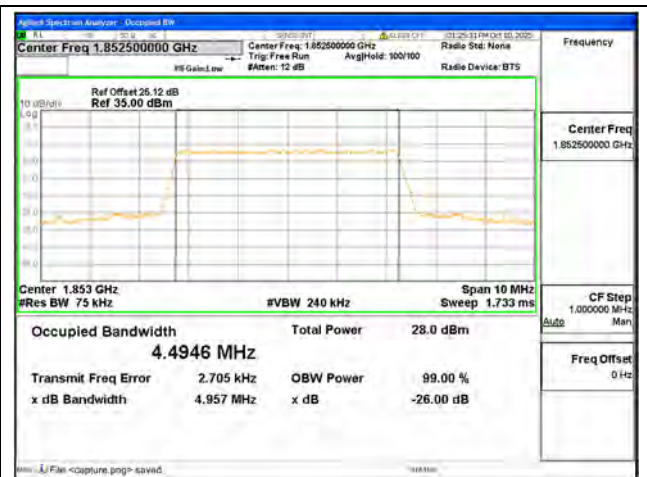
B2 / 3MHz / 16QAM/ High CH



B2 / 3MHz / 64QAM/ High CH



B2 / 5MHz / QPSK/ Low CH



B2 / 5MHz / 16QAM/ Low CH



B2 / 5MHz / 64QAM/ Low CH



B2 / 5MHz / QPSK/ Mid CH



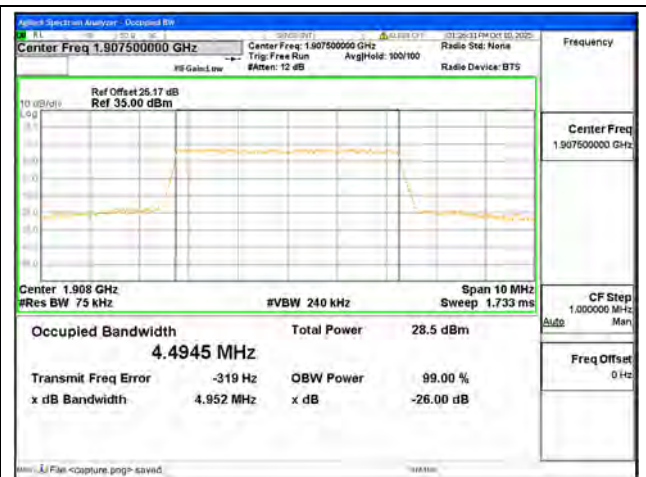
B2 / 5MHz / 16QAM/ Mid CH



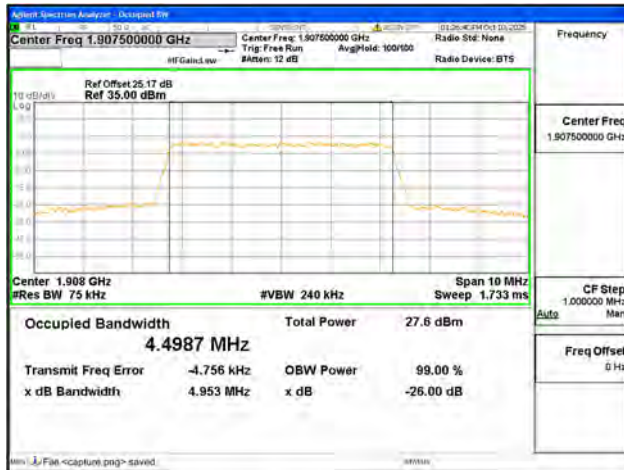
B2 / 5MHz / 64QAM/ Mid CH



B2 / 5MHz / QPSK/ High CH



B2 / 5MHz / 16QAM/ High CH



B2 / 5MHz / 64QAM/ High CH



B2 / 10MHz / QPSK/ Low CH



B2 / 10MHz / 16QAM/ Low CH



B2 / 10MHz / 64QAM/ Low CH



B2 / 10MHz / QPSK/ Mid CH



B2 / 10MHz / 16QAM/ Mid CH



B2 / 10MHz / 64QAM/ Mid CH



B2 / 10MHz / QPSK/ High CH



B2 / 10MHz / 16QAM/ High CH



B2 / 10MHz / 64QAM/ High CH



B2 / 15MHz / QPSK/ Low CH



B2 / 15MHz / 16QAM/ Low CH



B2 / 15MHz / 64QAM/ Low CH



B2 / 15MHz / QPSK/ Mid CH



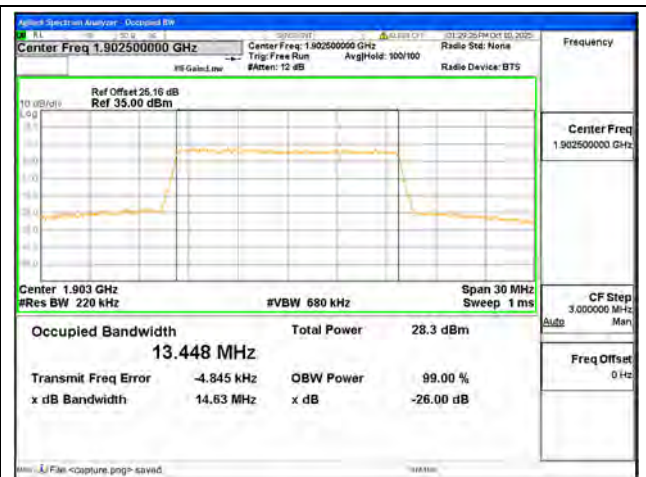
B2 / 15MHz / 16QAM/ Mid CH



B2 / 15MHz / 64QAM/ Mid CH



B2 / 15MHz / QPSK/ High CH



B2 / 15MHz / 16QAM/ High CH



B2 / 15MHz / 64QAM/ High CH



B2 / 20MHz / QPSK/ Low CH



B2 / 20MHz / 16QAM/ Low CH



B2 / 20MHz / 64QAM/ Low CH



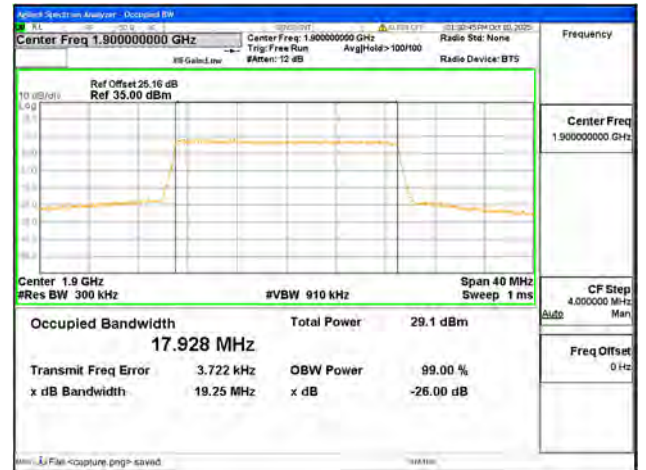
B2 / 20MHz / QPSK/ Mid CH



B2 / 20MHz / 16QAM/ Mid CH



B2 / 20MHz / 64QAM/ Mid CH



B2 / 20MHz / QPSK/ High CH



B2 / 20MHz / 16QAM/ High CH



B2 / 20MHz / 64QAM/ High CH



B4 / 1.4MHz / QPSK / Low CH



B4 / 1.4MHz / 16QAM / Low CH



B4 / 1.4MHz / 64QAM / Low CH



B4 / 1.4MHz / QPSK / Mid CH



B4 / 1.4MHz / 16QAM / Mid CH



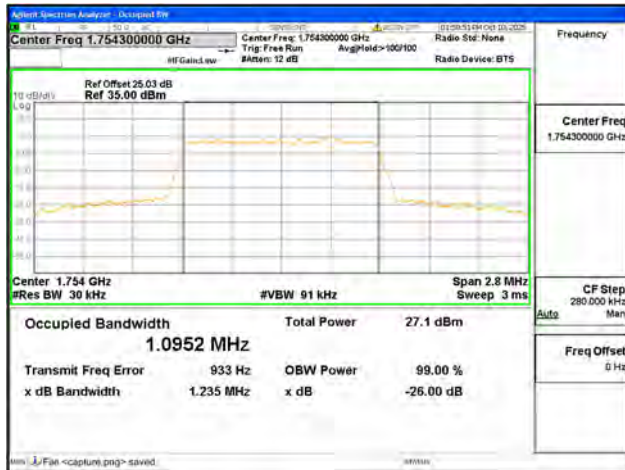
B4 / 1.4MHz / 64QAM / Mid CH



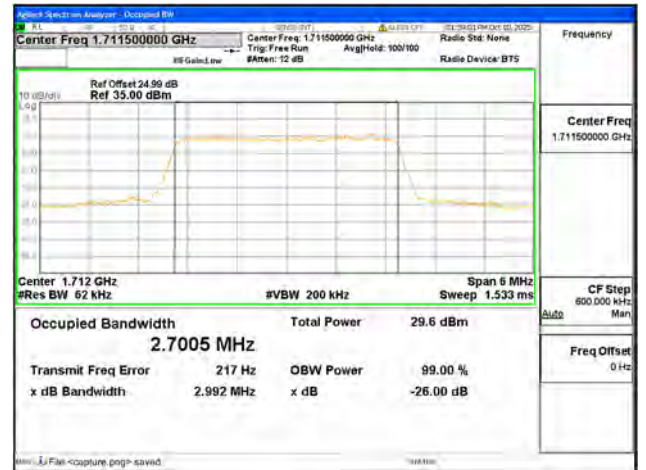
B4 / 1.4MHz / QPSK/ High CH



B4 / 1.4MHz / 16QAM/ High CH



B4 / 1.4MHz / 64QAM/ High CH



B4 / 3MHz / QPSK/ Low CH



B4 / 3MHz / 16QAM/ Low CH



B4 / 3MHz / 64QAM/ Low CH



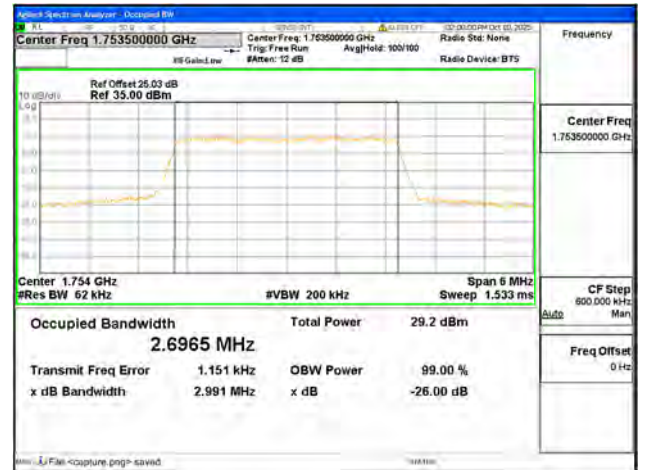
B4 / 3MHz / QPSK/ Mid CH



B4 / 3MHz / 16QAM/ Mid CH



B4 / 3MHz / 64QAM/ Mid CH



B4 / 3MHz / QPSK/ High CH



B4 / 3MHz / 16QAM/ High CH



B4 / 3MHz / 64QAM/ High CH



B4 / 5MHz / QPSK/ Low CH



B4 / 5MHz / 16QAM/ Low CH



B4 / 5MHz / 64QAM/ Low CH



B4 / 5MHz / QPSK/ Mid CH



B4 / 5MHz / 16QAM/ Mid CH



B4 / 5MHz / 64QAM/ Mid CH



B4 / 5MHz / QPSK/ High CH



B4 / 5MHz / 16QAM/ High CH



B4 / 5MHz / 64QAM/ High CH



B4 / 10MHz / QPSK/ Low CH



B4 / 10MHz / 16QAM/ Low CH



B4 / 10MHz / 64QAM/ Low CH



B4 / 10MHz / QPSK/ Mid CH



B4 / 10MHz / 16QAM/ Mid CH



B4 / 10MHz / 64QAM/ Mid CH



B4 / 10MHz / QPSK/ High CH



B4 / 10MHz / 16QAM/ High CH



B4 / 10MHz / 64QAM/ High CH



B4 / 15MHz / QPSK/ Low CH



B4 / 15MHz / 16QAM/ Low CH



B4 / 15MHz / 64QAM/ Low CH



B4 / 15MHz / QPSK/ Mid CH



B4 / 15MHz / 16QAM/ Mid CH



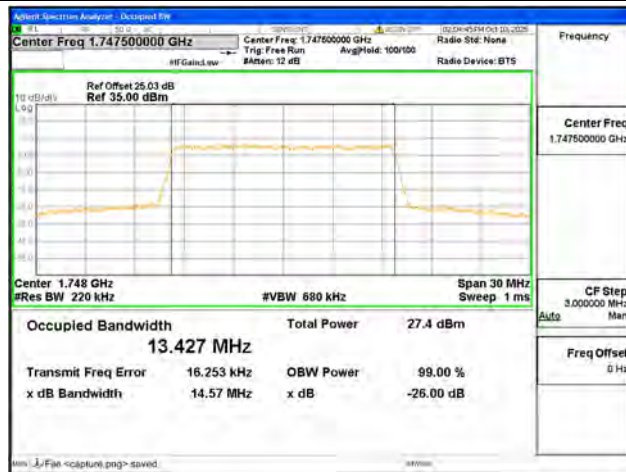
B4 / 15MHz / 64QAM/ Mid CH



B4 / 15MHz / QPSK/ High CH



B4 / 15MHz / 16QAM/ High CH



B4 / 15MHz / 64QAM/ High CH



B4 / 20MHz / QPSK/ Low CH



B4 / 20MHz / 16QAM/ Low CH



B4 / 20MHz / 64QAM/ Low CH



B4 / 20MHz / QPSK/ Mid CH



B4 / 20MHz / 16QAM/ Mid CH



B4 / 20MHz / 64QAM/ Mid CH



B4 / 20MHz / QPSK/ High CH



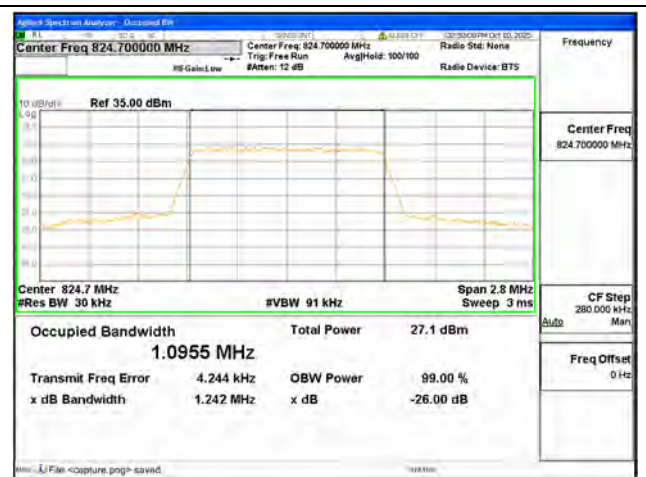
B4 / 20MHz / 16QAM/ High CH



B4 / 20MHz / 64QAM/ High CH



B5 / 1.4MHz / QPSK / Low CH



B5 / 1.4MHz / 16QAM / Low CH



B5 / 1.4MHz / 64QAM / Low CH



B5 / 1.4MHz / QPSK / Mid CH



B5 / 1.4MHz / 16QAM / Mid CH

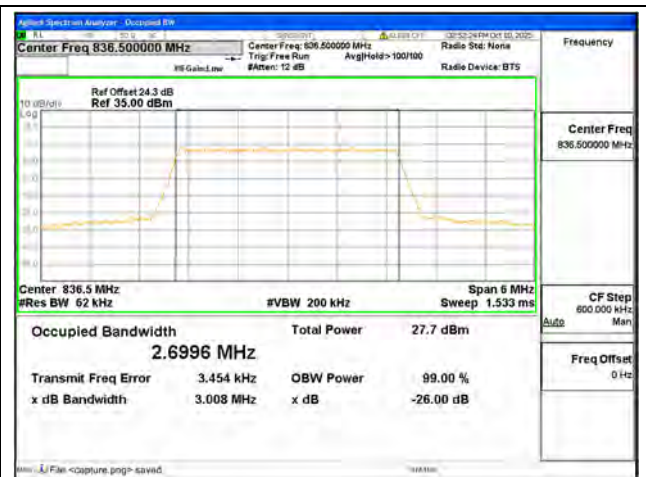


B5 / 1.4MHz / 64QAM / Mid CH





B5 / 3MHz / QPSK/ Mid CH



B5 / 3MHz / 16QAM/ Mid CH



B5 / 3MHz / 64QAM/ Mid CH



B5 / 3MHz / QPSK/ High CH



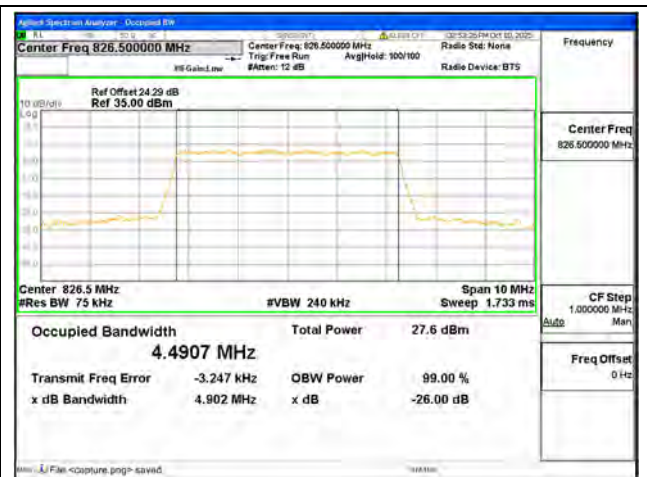
B5 / 3MHz / 16QAM/ High CH



B5 / 3MHz / 64QAM/ High CH



B5 / 5MHz / QPSK/ Low CH



B5 / 5MHz / 16QAM/ Low CH



B5 / 5MHz / 64QAM/ Low CH



B5 / 5MHz / QPSK/ Mid CH



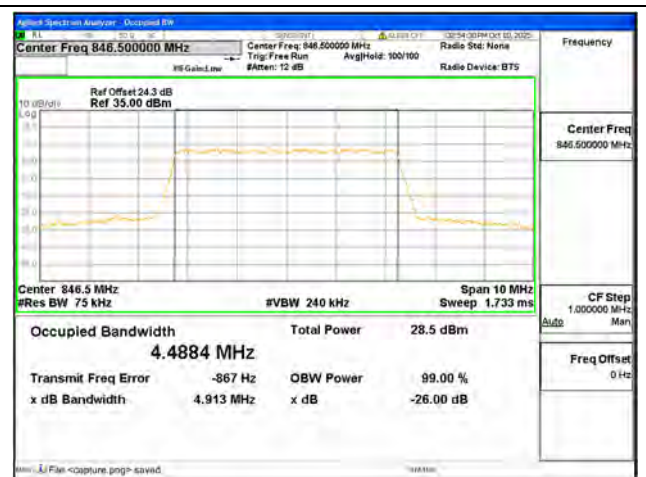
B5 / 5MHz / 16QAM/ Mid CH



B5 / 5MHz / 64QAM/ Mid CH



B5 / 5MHz / QPSK/ High CH



B5 / 5MHz / 16QAM/ High CH



B5 / 5MHz / 64QAM/ High CH



B5 / 10MHz / QPSK/ Low CH



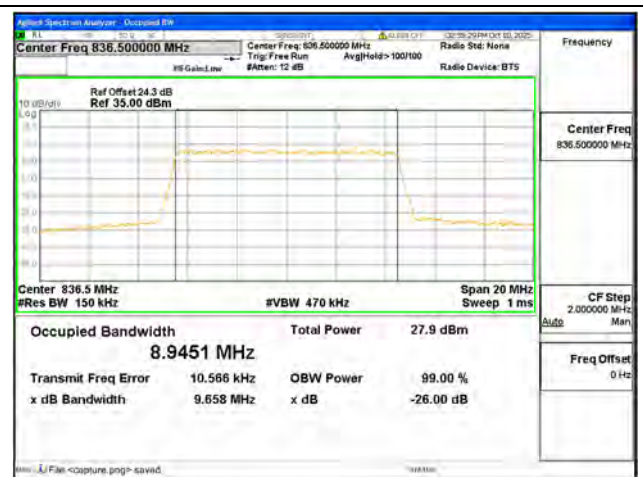
B5 / 10MHz / 16QAM/ Low CH



B5 / 10MHz / 64QAM/ Low CH



B5 / 10MHz / QPSK/ Mid CH



B5 / 10MHz / 16QAM/ Mid CH



B5 / 10MHz / 64QAM/ Mid CH



B5 / 10MHz / QPSK/ High CH



B5 / 10MHz / 16QAM/ High CH



B5 / 10MHz / 64QAM/ High CH



B7 / 5MHz / QPSK/ Low CH



B7 / 5MHz / 16QAM/ Low CH



B7 / 5MHz / 64QAM/ Low CH



B7 / 5MHz / QPSK/ Mid CH



B7 / 5MHz / 16QAM/ Mid CH



B7 / 5MHz / 64QAM/ Mid CH



B7 / 5MHz / QPSK/ High CH



B7 / 5MHz / 16QAM/ High CH



B7 / 5MHz / 64QAM/ High CH



B7 / 10MHz / QPSK/ Low CH



B7 / 10MHz / 16QAM/ Low CH



B7 / 10MHz / 64QAM/ Low CH



B7 / 10MHz / QPSK/ Mid CH



B7 / 10MHz / 16QAM/ Mid CH



B7 / 10MHz / 64QAM/ Mid CH



B7 / 10MHz / QPSK/ High CH



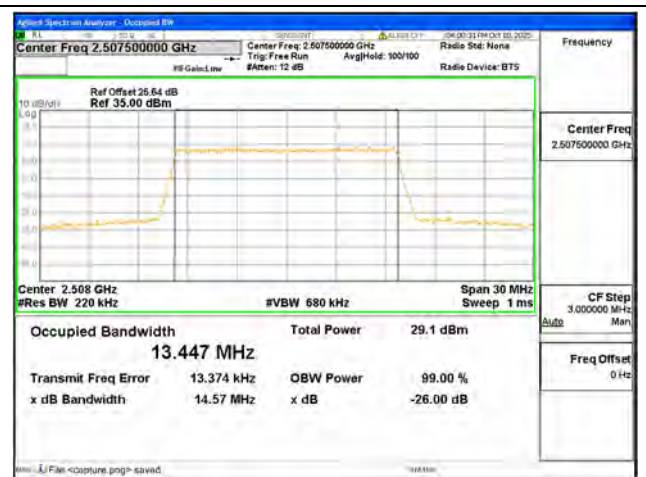
B7 / 10MHz / 16QAM/ High CH



B7 / 10MHz / 64QAM/ High CH



B7 / 15MHz / QPSK/ Low CH



B7 / 15MHz / 16QAM/ Low CH



B7 / 15MHz / 64QAM/ Low CH



B7 / 15MHz / QPSK/ Mid CH



B7 / 15MHz / 16QAM/ Mid CH



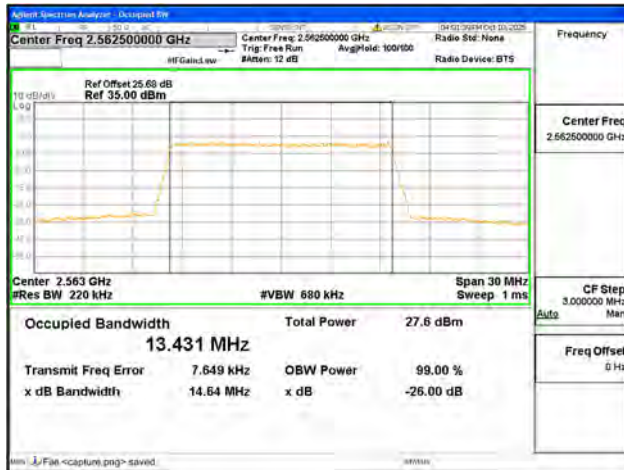
B7 / 15MHz / 64QAM/ Mid CH



B7 / 15MHz / QPSK/ High CH



B7 / 15MHz / 16QAM/ High CH



B7 / 15MHz / 64QAM/ High CH



B7 / 20MHz / QPSK/ Low CH



B7 / 20MHz / 16QAM/ Low CH



B7 / 20MHz / 64QAM/ Low CH



B7 / 20MHz / QPSK/ Mid CH



B7 / 20MHz / 16QAM/ Mid CH



B7 / 20MHz / 64QAM/ Mid CH



B7 / 20MHz / QPSK/ High CH



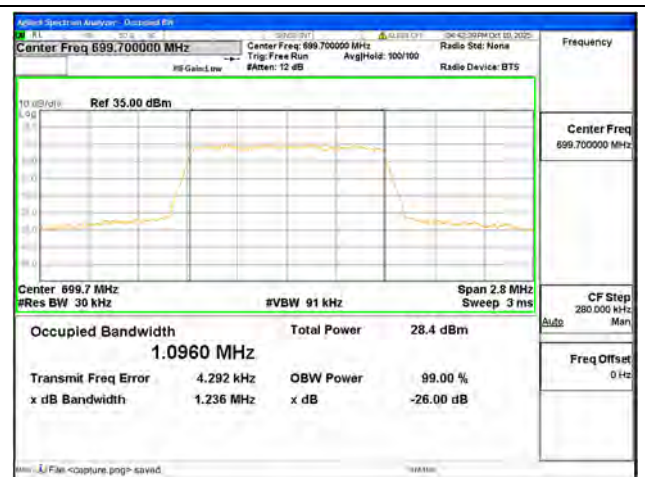
B7 / 20MHz / 16QAM/ High CH



B7 / 20MHz / 64QAM/ High CH



B12 / 1.4MHz / QPSK/ Low CH



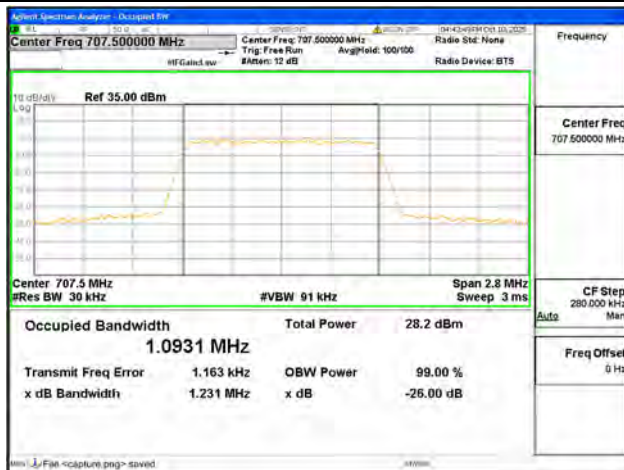
B12 / 1.4MHz / 16QAM/ Low CH



B12 / 1.4MHz / 64QAM/ Low CH



B12 / 1.4MHz / QPSK/ Mid CH



B12 / 1.4MHz / 16QAM/ Mid CH



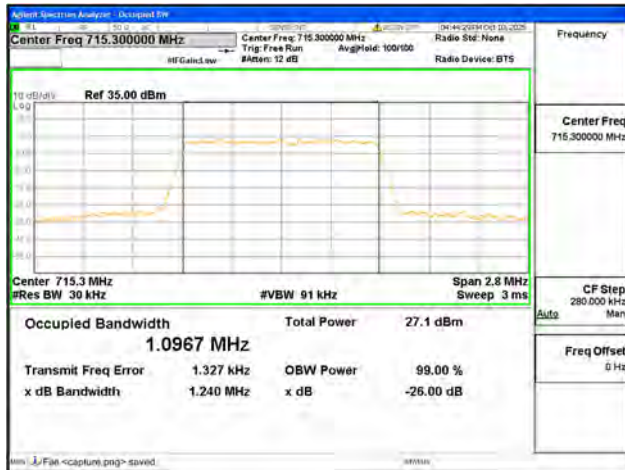
B12 / 1.4MHz / 64QAM/ Mid CH



B12 / 1.4MHz / QPSK/ High CH



B12 / 1.4MHz / 16QAM/ High CH



B12 / 1.4MHz / 64QAM/ High CH



B12 / 3MHz / QPSK/ Low CH



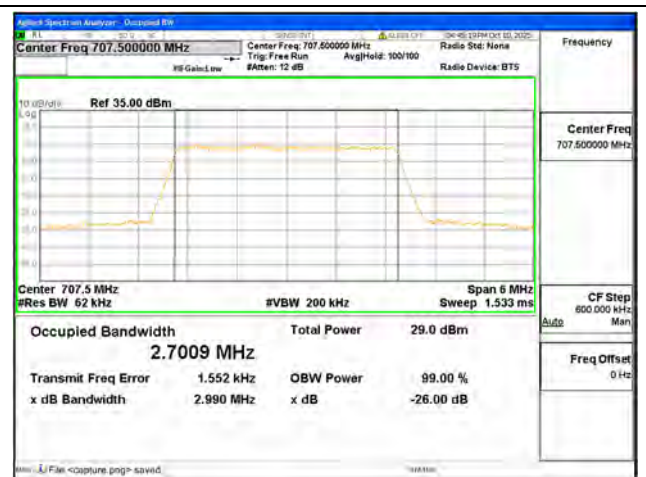
B12 / 3MHz / 16QAM/ Low CH



B12 / 3MHz / 64QAM/ Low CH



B12 / 3MHz / QPSK/ Mid CH



B12 / 3MHz / 16QAM/ Mid CH



B12 / 3MHz / 64QAM/ Mid CH



B12 / 3MHz / QPSK/ High CH



B12 / 3MHz / 16QAM/ High CH



B12 / 3MHz / 64QAM/ High CH



B12 / 5MHz / QPSK/ Low CH



B12 / 5MHz / 16QAM/ Low CH



B12 / 5MHz / 64QAM/ Low CH



B12 / 5MHz / QPSK/ Mid CH



B12 / 5MHz / 16QAM/ Mid CH



B12 / 5MHz / 64QAM/ Mid CH



B12 / 5MHz / QPSK/ High CH



B12 / 5MHz / 16QAM/ High CH



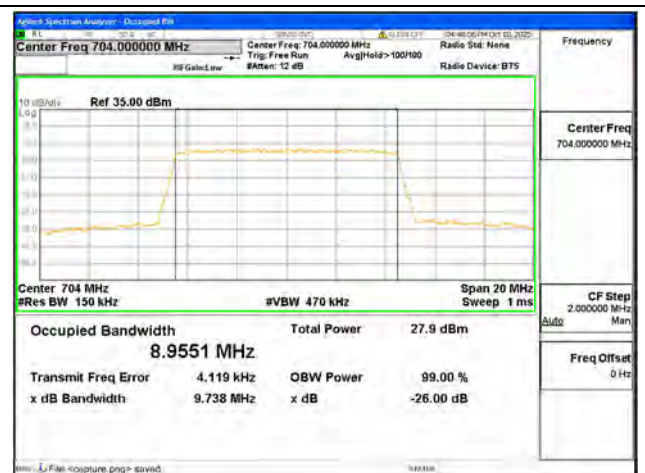
B12 / 5MHz / 64QAM/ High CH



B12 / 10MHz / QPSK/ Low CH



B12 / 10MHz / 16QAM/ Low CH



B12 / 10MHz / 64QAM/ Low CH



B12 / 10MHz / QPSK/ Mid CH



B12 / 10MHz / 16QAM/ Mid CH



B12 / 10MHz / 64QAM/ Mid CH



B12 / 10MHz / QPSK/ High CH



B12 / 10MHz / 16QAM/ High CH



B12 / 10MHz / 64QAM/ High CH



B13 / 5MHz / QPSK/ Low CH



B13 / 5MHz / 16QAM/ Low CH



B13 / 5MHz / 64QAM/ Low CH



B13 / 5MHz / QPSK/ Mid CH



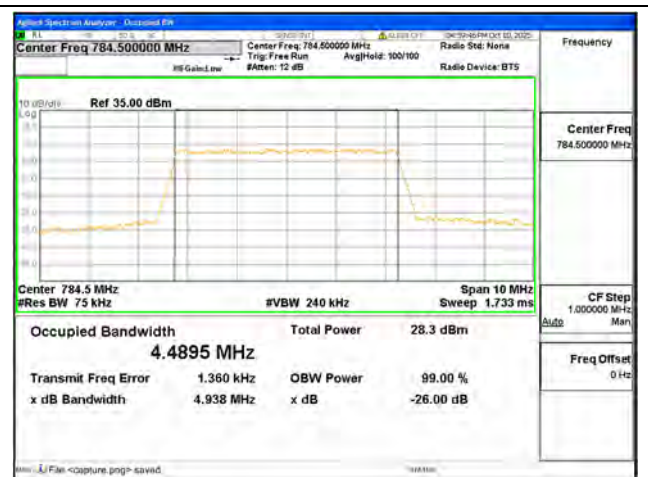
B13 / 5MHz / 16QAM/ Mid CH



B13 / 5MHz / 64QAM/ Mid CH



B13 / 5MHz / QPSK/ High CH



B13 / 5MHz / 16QAM/ High CH



B13 / 5MHz / 64QAM/ High CH



B13 / 10MHz / QPSK/ Mid CH



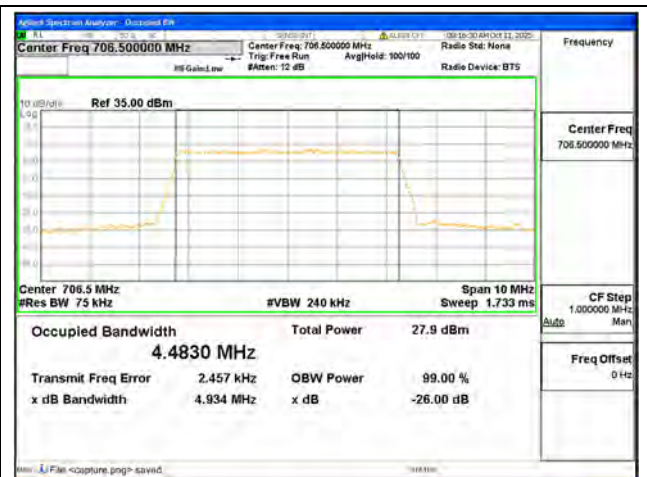
B13 / 10MHz / 16QAM/ Mid CH



B13 / 10MHz / 64QAM/ Mid CH



B17 / 5MHz / QPSK/ Low CH



B17 / 5MHz / 16QAM/ Low CH



B17 / 5MHz / 64QAM/ Low CH



B17 / 5MHz / QPSK/ Mid CH



B17 / 5MHz / 16QAM/ Mid CH



B17 / 5MHz / 64QAM/ Mid CH



B17 / 5MHz / QPSK/ High CH



B17 / 5MHz / 16QAM/ High CH



B17 / 5MHz / 64QAM/ High CH



B17 / 10MHz / QPSK/ Low CH



B17 / 10MHz / 16QAM/ Low CH



B17 / 10MHz / 64QAM/ Low CH



B17 / 10MHz / QPSK/ Mid CH



B17 / 10MHz / 16QAM/ Mid CH



B17 / 10MHz / 64QAM/ Mid CH



B17 / 10MHz / QPSK/ High CH



B17 / 10MHz / 16QAM/ High CH



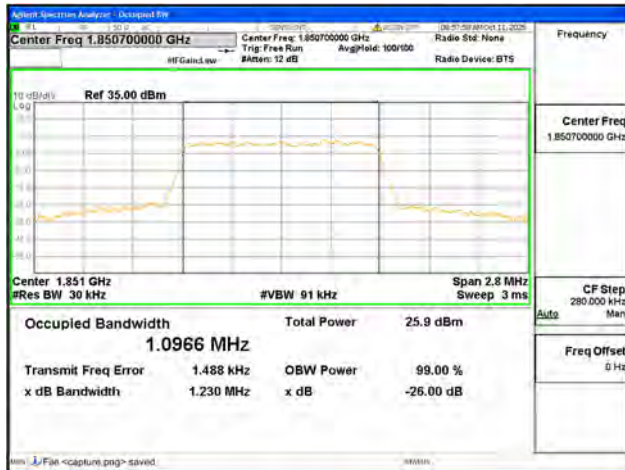
B17 / 10MHz / 64QAM/ High CH



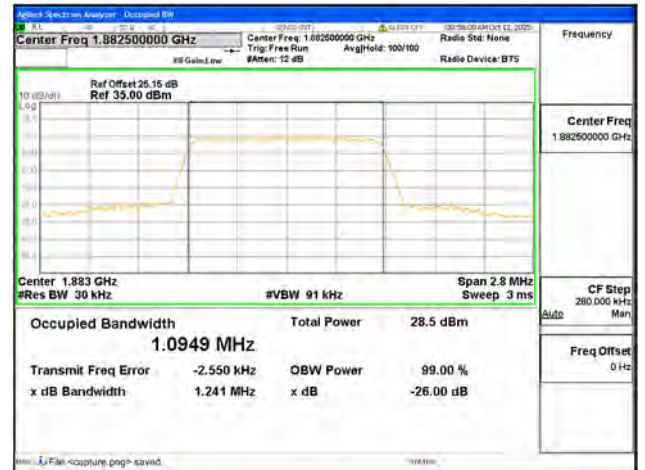
B25 / 1.4MHz / QPSK/ Low CH



B25 / 1.4MHz / 16QAM/ Low CH



B25 / 1.4MHz / 64QAM/ Low CH



B25 / 1.4MHz / QPSK/ Mid CH



B25 / 1.4MHz / 16QAM/ Mid CH



B25 / 1.4MHz / 64QAM/ Mid CH

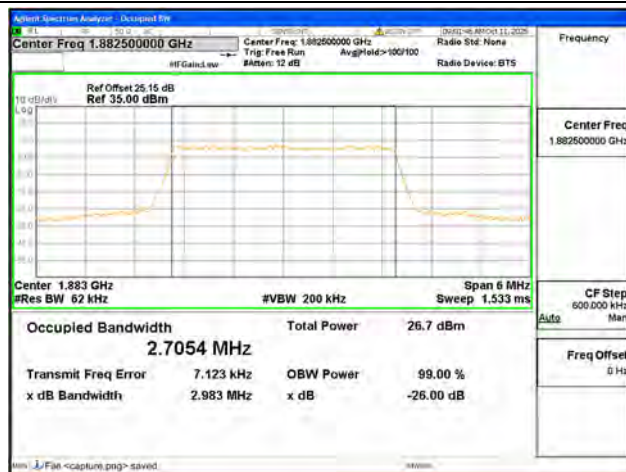




B25 / 3MHz / QPSK/ Mid CH



B25 / 3MHz / 16QAM/ Mid CH



B25 / 3MHz / 64QAM/ Mid CH



B25 / 3MHz / QPSK/ High CH



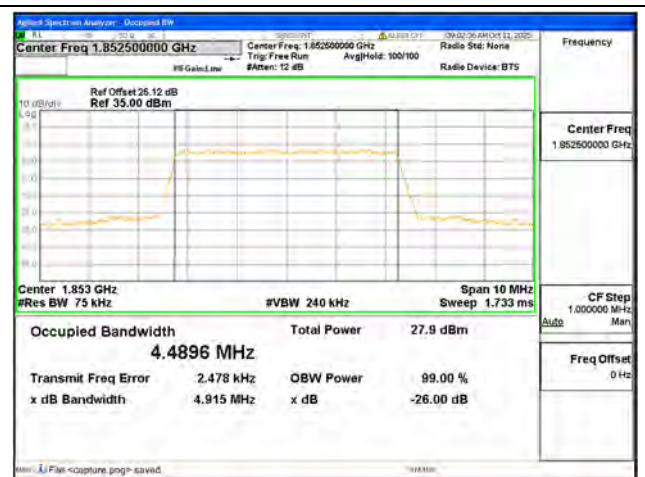
B25 / 3MHz / 16QAM/ High CH



B25 / 3MHz / 64QAM/ High CH



B25 / 5MHz / QPSK/ Low CH



B25 / 5MHz / 16QAM/ Low CH



B25 / 5MHz / 64QAM/ Low CH



B25 / 5MHz / QPSK/ Mid CH



B25 / 5MHz / 16QAM/ Mid CH



B25 / 5MHz / 64QAM/ Mid CH



B25 / 5MHz / QPSK/ High CH



B25 / 5MHz / 16QAM/ High CH



B25 / 5MHz / 64QAM/ High CH



B25 / 10MHz / QPSK/ Low CH



B25 / 10MHz / 16QAM/ Low CH



B25 / 10MHz / 64QAM/ Low CH



B25 / 10MHz / QPSK/ Mid CH



B25 / 10MHz / 16QAM/ Mid CH



B25 / 10MHz / 64QAM/ Mid CH



B25 / 10MHz / QPSK/ High CH



B25 / 10MHz / 16QAM/ High CH



B25 / 10MHz / 64QAM/ High CH



B25 / 15MHz / QPSK/ Low CH



B25 / 15MHz / 16QAM/ Low CH



B25 / 15MHz / 64QAM/ Low CH



B25 / 15MHz / QPSK/ Mid CH



B25 / 15MHz / 16QAM/ Mid CH



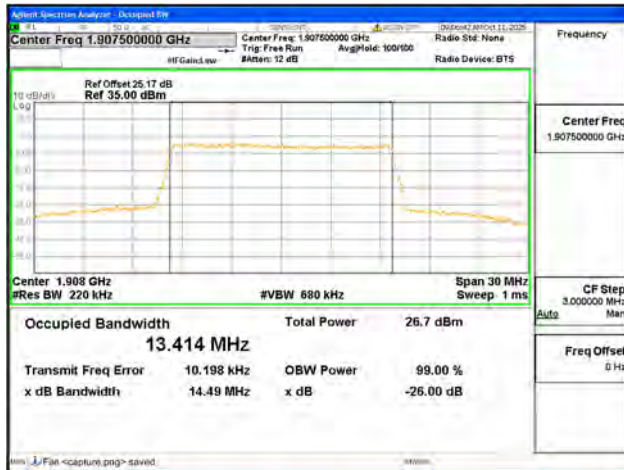
B25 / 15MHz / 64QAM/ Mid CH



B25 / 15MHz / QPSK/ High CH



B25 / 15MHz / 16QAM/ High CH



B25 / 15MHz / 64QAM/ High CH



B25 / 20MHz / QPSK/ Low CH



B25 / 20MHz / 16QAM/ Low CH



B25 / 20MHz / 64QAM/ Low CH