



REPORT No.: SZ25110073W02

TEST REPORT

APPLICANT : Shenzhen Tinno Mobile Technology Corp.

PRODUCT NAME : Smart phone

MODEL NAME : U651DS

BRAND NAME : N/A

FCC ID : XD6U651DS

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

RECEIPT DATE : 2025-12-02

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Change History		
Version	Date	Reason for change
1.0	2026-03-17	First edition



1. Technical Information

Note: Provide by applicant.

1.1. Applicant and Manufacturer Information

Applicant:	Shenzhen Tinno Mobile Technology Corp.
Applicant Address:	27-001, South Side of Tianlong Mobile Headquarters Building, Tongfa South Road, Xili Community, Xili Street, Nanshan District, Shenzhen, PRC
Manufacturer:	Shenzhen Tinno Mobile Technology Corp.
Manufacturer Address:	27-001, South Side of Tianlong Mobile Headquarters Building, Tongfa South Road, Xili Community, Xili Street, Nanshan District, Shenzhen, PRC

1.2. Equipment Under Test (EUT) Description

Product Name:	Smart phone	
Sample No.:	4#, 19#	
Hardware Version:	V1.0	
Software Version:	U651DSV01.22_3.10	
Modulation Type:	QPSK, 16QAM, 64QAM, 256QAM	
Operation Band:	Band 2 / 4 / 5 / 12 / 17 / 25 / 30 / 41 / 66 / 71 Band 29 only support receiver	
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 12	Tx: 699MHz–716MHz
		Rx: 729MHz–746MHz
	LTE Band 17	Tx: 704MHz–716MHz
		Rx: 734MHz–746MHz
	LTE Band 25	Tx: 1850MHz–1915MHz
		Rx: 1930MHz–1995MHz



Frequency Range:	LTE Band 29	Rx: 717MHz–728MHz
	LTE Band 30	Tx: 2305MHz–2315MHz
		Rx: 2350MHz–2360MHz
	LTE Band 41	Tx: 2496MHz–2690MHz
		Rx: 2496MHz–2690MHz
	LTE Band 66	Tx: 1710MHz –1780MHz
		Rx: 2110MHz–2200MHz
Channel Bandwidth:	LTE Band 71	Tx: 663MHz–698MHz
		Rx: 617MHz–652MHz
	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 12	1.4MHz, 3 MHz, 5 MHz, 10MHz
	LTE Band 17	5 MHz, 10MHz
	LTE Band 25	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
	LTE Band 30	5 MHz, 10MHz
	LTE Band 41	5 MHz, 10MHz, 15MHz, 20MHz
Antenna Type:	PIFA Antenna	
Antenna Gain:	LTE Band 2	-1.3dBi
	LTE Band 4	-0.3dBi
	LTE Band 5	-0.7dBi
	LTE Band 12	0.1dBi
	LTE Band 17	0.1dBi
	LTE Band 25	-1.3dBi
	LTE Band 30	0.5dBi
	LTE Band 41	0.2dBi
	LTE Band 66	-0.3dBi
	LTE Band 71	0.9dBi
Accessory Information:	Battery	
	Brand Name:	Highpower
	Model No.:	TM490H1
	Serial No.:	N/A
	Capacity:	4900mAh
	Rated Voltage:	3.87V
	Charge Limit:	4.45V



REPORT No.: SZ25110073W02

	Manufacturer:	Guangdong Highpower New Energy Technology Co., Ltd.
	USB Cable	
	Model No.:	T365-011B-1
	Manufacturer:	Shenzhen Yihuaxing Electronics Co. Ltd.

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

Note 2: The EUT description presented in the report are provided by applicant and/or manufacturer, and the test laboratory is not responsible for the accuracy of the information. For a more detailed description, please refer to Specification or User's Manual supplied by the applicant and/or manufacturer.



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

LTE Band 2	Maximum E.R.P./E.I.R.P. (W)				Emission Designator (99%OBW)			
BW (MHz)	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
20	0.163	0.138	0.109	0.052	18M0G7D	18M0W7D	18M0W7D	18M0W7D
15	0.160	0.136	0.107	0.051	13M5G7D	13M5W7D	13M5W7D	13M5W7D
10	0.157	0.133	0.105	0.050	9M00G7D	9M00W7D	8M99W7D	9M00W7D
5	0.156	0.132	0.104	0.049	4M50G7D	4M51W7D	4M50W7D	4M50W7D
3	0.157	0.129	0.102	0.052	2M72G7D	2M72W7D	2M72W7D	2M72W7D
1.4	0.155	0.127	0.100	0.051	1M10G7D	1M11W7D	1M10W7D	1M10W7D
LTE Band 4	Maximum E.R.P./E.I.R.P. (W)				Emission Designator (99%OBW)			
BW (MHz)	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
20	0.204	0.175	0.138	0.065	18M0G7D	18M0W7D	18M0W7D	18M0W7D
15	0.200	0.172	0.136	0.064	13M5G7D	13M5W7D	13M5W7D	13M5W7D
10	0.198	0.170	0.134	0.063	9M00G7D	9M02W7D	9M00W7D	9M01W7D
5	0.202	0.173	0.137	0.065	4M51G7D	4M51W7D	4M51W7D	4M50W7D
3	0.200	0.172	0.136	0.064	2M71G7D	2M72W7D	2M72W7D	2M72W7D
1.4	0.196	0.168	0.133	0.063	1M11G7D	1M11W7D	1M11W7D	1M11W7D
LTE Band 5	Maximum E.R.P./E.I.R.P. (W)				Emission Designator (99%OBW)			
BW (MHz)	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
10	0.132	0.108	0.084	0.037	9M01G7D	8M99W7D	9M01W7D	9M00W7D
5	0.130	0.106	0.083	0.036	4M51G7D	4M50W7D	4M51W7D	4M52W7D
3	0.129	0.105	0.082	0.036	2M73G7D	2M72W7D	2M73W7D	2M72W7D
1.4	0.126	0.103	0.080	0.035	1M11G7D	1M11W7D	1M11W7D	1M11W7D
LTE Band 12	Maximum E.R.P./E.I.R.P. (W)				Emission Designator (99%OBW)			
BW (MHz)	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
10	0.161	0.131	0.102	0.049	8M98G7D	8M99W7D	8M99W7D	8M99W7D
5	0.155	0.126	0.098	0.049	4M51G7D	4M51W7D	4M51W7D	4M50W7D
3	0.151	0.123	0.096	0.048	2M72G7D	2M72W7D	2M72W7D	2M73W7D
1.4	0.152	0.123	0.094	0.049	1M11G7D	1M11W7D	1M10W7D	1M11W7D



LTE Band 17	Maximum E.R.P./E.I.R.P. (W)				Emission Designator (99%OBW)			
BW (MHz)	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
10	0.159	0.132	0.104	0.048	9M01G7D	9M00W7D	8M99W7D	8M99W7D
5	0.155	0.129	0.101	0.047	4M51G7D	4M51W7D	4M51W7D	4M50W7D
LTE Band 25	Maximum E.R.P./E.I.R.P. (W)				Emission Designator (99%OBW)			
BW (MHz)	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
20	0.165	0.130	0.103	0.052	18M0G7D	18M0W7D	17M9W7D	17M9W7D
15	0.162	0.128	0.101	0.052	13M5G7D	13M5W7D	13M5W7D	13M5W7D
10	0.158	0.125	0.099	0.050	9M00G7D	8M99W7D	8M99W7D	9M03W7D
5	0.157	0.124	0.098	0.050	4M50G7D	4M51W7D	4M50W7D	4M50W7D
3	0.154	0.122	0.096	0.049	2M71G7D	2M71W7D	2M72W7D	2M72W7D
1.4	0.155	0.122	0.097	0.049	1M11G7D	1M12W7D	1M11W7D	1M11W7D
LTE Band 30	Maximum E.R.P./E.I.R.P. (W)				Emission Designator (99%OBW)			
BW (MHz)	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
10	0.225	0.189	0.151	0.070	9M00G7D	9M00W7D	8M99W7D	8M98W7D
5	0.222	0.185	0.147	0.070	4M50G7D	4M50W7D	4M51W7D	4M51W7D
LTE Band 41	Maximum E.R.P./E.I.R.P. (W)				Emission Designator (99%OBW)			
BW (MHz)	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
20	0.213	0.179	0.140	0.068	18M0G7D	18M0W7D	18M0W7D	18M0W7D
15	0.205	0.172	0.134	0.065	13M5G7D	13M5W7D	13M5W7D	13M5W7D
10	0.206	0.172	0.134	0.071	9M01G7D	9M00W7D	9M00W7D	9M01W7D
5	0.197	0.165	0.128	0.068	4M51G7D	4M50W7D	4M51W7D	4M50W7D



LTE Band 66	Maximum E.R.P./E.I.R.P. (W)				Emission Designator (99%OBW)			
BW (MHz)	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
20	0.207	0.175	0.137	0.067	18M0G7D	18M0W7D	18M0W7D	18M0W7D
15	0.199	0.167	0.132	0.065	13M5G7D	13M5W7D	13M5W7D	13M5W7D
10	0.195	0.164	0.129	0.064	9M00G7D	9M02W7D	8M99W7D	9M02W7D
5	0.193	0.162	0.128	0.063	4M51G7D	4M50W7D	4M51W7D	4M51W7D
3	0.195	0.164	0.129	0.063	2M72G7D	2M71W7D	2M72W7D	2M72W7D
1.4	0.195	0.164	0.129	0.064	1M11G7D	1M11W7D	1M11W7D	1M11W7D
LTE Band 71	Maximum E.R.P./E.I.R.P. (W)				Emission Designator (99%OBW)			
BW (MHz)	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
20	0.184	0.152	0.122	0.060	18M0G7D	17M9W7D	18M1W7D	17M9W7D
15	0.176	0.146	0.117	0.057	13M5G7D	13M5W7D	13M5W7D	13M5W7D
10	0.175	0.145	0.117	0.057	9M00G7D	8M99W7D	8M99W7D	8M98W7D
5	0.173	0.144	0.115	0.056	4M53G7D	4M50W7D	4M52W7D	4M51W7D



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(a)(3) 27.50(c)(10) 27.50(d)(4) 27.50(h)(2)	Transmitter Conducted Output Power and E.R.P./E.I.R.P.	Dec. 31, 2025	Tan Xiaowei Liu Huiyan	PASS _{Note3}	/
2.1049	Occupied Bandwidth	Dec. 08, 2025	Liu Huiyan	PASS	/
2.1055 22.355 24.235 27.54	Frequency Stability	Dec. 08, 2025	Liu Huiyan	PASS	/
24.232(d), 27.50(d)(5)	Peak to Average Radio	Dec. 08, 2025	Liu Huiyan	PASS	/
2.1053 22.917(a) 24.238(a) 27.53(a)(4) 27.53(g) 27.53(h) 27.53(m)(4)	Conducted Spurious Emissions	Dec. 08, 2025	Liu Huiyan	PASS	/
2.1051 22.917(a)	Band Edge	Dec. 08, 2025	Liu Huiyan	PASS	/



24.238(a) 27.53(a)(4) 27.53(g) 27.53(h) 27.53(m)(4)					
2.1053 22.917(a) 24.238(a) 27.53(a)(4) 27.53(g) 27.53(h) 27.53(m)(4)	Radiated Spurious Emissions	Dec. 29 to 31, 2025	Xiong Xianhong	PASS	/
<p>Note 1: The tests were performed according to the method of measurements prescribed in KDB 971168 D01 v03 and ANSI/TIA-603-E-2016.</p> <p>Note 2: Any additions, deviation, or exclusions from the method shall be noted in the "Remark".</p> <p>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.</p>					

1.5. Environmental Conditions

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

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



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

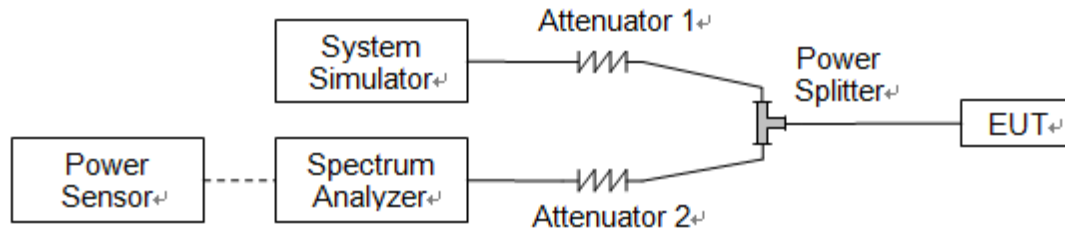
According to FCC section 22.913 (a)(2) for LTE Band 5, the E.R.P. of mobile transmitters and auxiliary test transmitters must not exceed 7 watts.

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

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

According to FCC section 27.50 (a)(3) for LTE Band 30, Mobile and portable stations transmitting in the 2305-2315 MHz band or the 2350-2360 MHz band, the average E.I.R.P. must not exceed 50 milliwatts within any 1 megahertz of authorized bandwidth.

2.1.2. Test Description



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

2.1.3. Test Procedure

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

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

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



2.1.4. Result

Conducted Output Power

LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18700	18900	19100
Frequency (MHz)				1860	1880	1900
20	QPSK	1	0	23.40	23.41	23.38
20	QPSK	1	49	23.31	23.33	23.26
20	QPSK	1	99	23.23	23.30	23.27
20	QPSK	50	0	22.37	22.49	22.38
20	QPSK	50	24	22.41	22.35	22.33
20	QPSK	50	50	22.38	22.41	22.34
20	QPSK	100	0	22.41	22.42	22.31
20	16QAM	1	0	22.68	22.59	22.42
20	16QAM	1	49	22.56	22.65	22.60
20	16QAM	1	99	22.66	22.43	22.70
20	16QAM	50	0	21.37	21.32	21.36
20	16QAM	50	24	21.58	21.43	21.42
20	16QAM	50	50	21.45	21.48	21.50
20	16QAM	100	0	21.43	21.45	21.41
20	64QAM	1	0	21.53	21.67	21.62
20	64QAM	1	49	21.56	21.60	21.50
20	64QAM	1	99	21.66	21.54	21.36
20	64QAM	50	0	20.51	20.40	20.40
20	64QAM	50	24	20.34	20.35	20.42
20	64QAM	50	50	20.47	20.40	20.45
20	64QAM	100	0	20.39	20.42	20.41
20	256QAM	1	0	18.27	18.42	18.37
20	256QAM	1	49	18.30	18.35	18.25
20	256QAM	1	99	18.40	18.29	18.11
20	256QAM	50	0	18.25	18.15	18.15
20	256QAM	50	24	18.08	18.10	18.17
20	256QAM	50	50	18.21	18.15	18.20
20	256QAM	100	0	18.13	18.17	18.16



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	23.33	23.34	23.31
15	QPSK	1	37	23.24	23.26	23.19
15	QPSK	1	74	23.16	23.23	23.20
15	QPSK	36	0	22.30	22.42	22.31
15	QPSK	36	20	22.34	22.28	22.26
15	QPSK	36	39	22.31	22.34	22.27
15	QPSK	75	0	22.34	22.35	22.24
15	16QAM	1	0	22.61	22.52	22.35
15	16QAM	1	37	22.49	22.58	22.53
15	16QAM	1	74	22.59	22.36	22.63
15	16QAM	36	0	21.30	21.25	21.29
15	16QAM	36	20	21.51	21.36	21.35
15	16QAM	36	39	21.38	21.41	21.43
15	16QAM	75	0	21.36	21.38	21.34
15	64QAM	1	0	21.46	21.60	21.55
15	64QAM	1	37	21.49	21.53	21.43
15	64QAM	1	74	21.59	21.47	21.29
15	64QAM	36	0	20.44	20.33	20.33
15	64QAM	36	20	20.27	20.28	20.35
15	64QAM	36	39	20.40	20.33	20.38
15	64QAM	75	0	20.32	20.35	20.34
15	256QAM	1	0	18.20	18.35	18.30
15	256QAM	1	37	18.23	18.28	18.18
15	256QAM	1	74	18.33	18.22	18.04
15	256QAM	36	0	18.18	18.08	18.08
15	256QAM	36	20	18.01	18.03	18.10
15	256QAM	36	39	18.14	18.08	18.13
15	256QAM	75	0	18.06	18.10	18.09



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	23.24	23.25	23.22
10	QPSK	1	25	23.15	23.17	23.10
10	QPSK	1	49	23.07	23.14	23.11
10	QPSK	25	0	22.21	22.33	22.22
10	QPSK	25	12	22.25	22.19	22.17
10	QPSK	25	25	22.22	22.25	22.18
10	QPSK	50	0	22.25	22.26	22.15
10	16QAM	1	0	22.52	22.43	22.26
10	16QAM	1	25	22.40	22.49	22.44
10	16QAM	1	49	22.50	22.27	22.54
10	16QAM	25	0	21.21	21.16	21.20
10	16QAM	25	12	21.42	21.27	21.26
10	16QAM	25	25	21.29	21.32	21.34
10	16QAM	50	0	21.27	21.29	21.25
10	64QAM	1	0	21.37	21.51	21.46
10	64QAM	1	25	21.40	21.44	21.34
10	64QAM	1	49	21.50	21.38	21.20
10	64QAM	25	0	20.35	20.24	20.24
10	64QAM	25	12	20.18	20.19	20.26
10	64QAM	25	25	20.31	20.24	20.29
10	64QAM	50	0	20.23	20.26	20.25
10	256QAM	1	0	18.11	18.26	18.21
10	256QAM	1	25	18.14	18.19	18.09
10	256QAM	1	49	18.24	18.13	17.95
10	256QAM	25	0	18.09	17.99	17.99
10	256QAM	25	12	17.92	17.94	18.01
10	256QAM	25	25	18.05	17.99	18.04
10	256QAM	50	0	17.97	18.01	18.00



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	23.21	23.22	23.19
5	QPSK	1	12	23.12	23.14	23.07
5	QPSK	1	24	23.04	23.11	23.08
5	QPSK	12	0	22.18	22.30	22.19
5	QPSK	12	7	22.22	22.16	22.14
5	QPSK	12	13	22.19	22.22	22.15
5	QPSK	25	0	22.22	22.23	22.12
5	16QAM	1	0	22.49	22.40	22.23
5	16QAM	1	12	22.37	22.46	22.41
5	16QAM	1	24	22.47	22.24	22.51
5	16QAM	12	0	21.18	21.13	21.17
5	16QAM	12	7	21.39	21.24	21.23
5	16QAM	12	13	21.26	21.29	21.31
5	16QAM	25	0	21.24	21.26	21.22
5	64QAM	1	0	21.34	21.48	21.43
5	64QAM	1	12	21.37	21.41	21.31
5	64QAM	1	24	21.47	21.35	21.17
5	64QAM	12	0	20.32	20.21	20.21
5	64QAM	12	7	20.15	20.16	20.23
5	64QAM	12	13	20.28	20.21	20.26
5	64QAM	25	0	20.20	20.23	20.22
5	256QAM	1	0	18.08	18.23	18.18
5	256QAM	1	12	18.11	18.16	18.06
5	256QAM	1	24	18.21	18.10	17.92
5	256QAM	12	0	18.06	17.96	17.96
5	256QAM	12	7	17.89	17.91	17.98
5	256QAM	12	13	18.02	17.96	18.01
5	256QAM	25	0	17.94	17.98	17.97



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	23.12	23.25	23.10
3	QPSK	1	8	23.03	23.05	22.98
3	QPSK	1	14	22.95	23.02	22.99
3	QPSK	8	0	22.09	22.21	22.10
3	QPSK	8	4	22.13	22.07	22.05
3	QPSK	8	7	22.10	22.13	22.06
3	QPSK	15	0	22.13	22.14	22.03
3	16QAM	1	0	22.40	22.31	22.14
3	16QAM	1	8	22.28	22.37	22.32
3	16QAM	1	14	22.38	22.15	22.42
3	16QAM	8	0	21.09	21.04	21.08
3	16QAM	8	4	21.30	21.15	21.14
3	16QAM	8	7	21.17	21.20	21.22
3	16QAM	15	0	21.15	21.17	21.13
3	64QAM	1	0	21.25	21.39	21.34
3	64QAM	1	8	21.28	21.32	21.22
3	64QAM	1	14	21.38	21.26	21.08
3	64QAM	8	0	20.23	20.12	20.12
3	64QAM	8	4	20.06	20.07	20.14
3	64QAM	8	7	20.19	20.12	20.17
3	64QAM	15	0	20.11	20.14	20.13
3	256QAM	1	0	18.28	18.43	18.38
3	256QAM	1	8	18.31	18.36	18.26
3	256QAM	1	14	18.41	18.30	18.12
3	256QAM	8	0	18.26	18.26	18.16
3	256QAM	8	4	18.09	18.11	18.18
3	256QAM	8	7	18.22	18.16	18.21
3	256QAM	15	0	18.14	18.18	18.17



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	23.05	23.19	23.03
1.4	QPSK	1	3	22.96	22.98	22.91
1.4	QPSK	1	5	22.88	22.95	22.92
1.4	QPSK	3	0	22.02	22.14	22.03
1.4	QPSK	3	1	22.06	22.00	21.98
1.4	QPSK	3	3	22.03	22.06	21.99
1.4	QPSK	6	0	22.06	22.40	21.96
1.4	16QAM	1	0	22.33	22.24	22.07
1.4	16QAM	1	3	22.21	22.30	22.25
1.4	16QAM	1	5	22.31	22.08	22.35
1.4	16QAM	3	0	21.02	20.97	21.01
1.4	16QAM	3	1	21.23	21.08	21.07
1.4	16QAM	3	3	21.10	21.13	21.15
1.4	16QAM	6	0	21.08	21.31	21.06
1.4	64QAM	1	0	21.18	21.32	21.27
1.4	64QAM	1	3	21.21	21.25	21.15
1.4	64QAM	1	5	21.31	21.19	21.01
1.4	64QAM	3	0	20.16	20.05	20.05
1.4	64QAM	3	1	19.99	20.00	20.07
1.4	64QAM	3	3	20.12	20.05	20.10
1.4	64QAM	6	0	20.04	20.35	20.06
1.4	256QAM	1	0	18.21	18.36	18.31
1.4	256QAM	1	3	18.24	18.29	18.19
1.4	256QAM	1	5	18.34	18.23	18.05
1.4	256QAM	3	0	18.19	18.09	18.09
1.4	256QAM	3	1	18.02	18.04	18.11
1.4	256QAM	3	3	18.15	18.09	18.14
1.4	256QAM	6	0	18.07	18.31	18.10



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	23.33	23.39	23.37
20	QPSK	1	49	23.33	23.35	23.28
20	QPSK	1	99	23.25	23.32	23.29
20	QPSK	50	0	22.39	22.51	22.40
20	QPSK	50	24	22.43	22.37	22.35
20	QPSK	50	50	22.40	22.43	22.36
20	QPSK	100	0	22.43	22.44	22.33
20	16QAM	1	0	22.70	22.61	22.44
20	16QAM	1	49	22.58	22.67	22.62
20	16QAM	1	99	22.68	22.45	22.72
20	16QAM	50	0	21.39	21.34	21.38
20	16QAM	50	24	21.60	21.45	21.44
20	16QAM	50	50	21.47	21.50	21.52
20	16QAM	100	0	21.45	21.47	21.43
20	64QAM	1	0	21.55	21.69	21.64
20	64QAM	1	49	21.58	21.62	21.52
20	64QAM	1	99	21.68	21.56	21.38
20	64QAM	50	0	20.53	20.42	20.42
20	64QAM	50	24	20.36	20.37	20.44
20	64QAM	50	50	20.49	20.42	20.47
20	64QAM	100	0	20.41	20.44	20.43
20	256QAM	1	0	18.29	18.44	18.39
20	256QAM	1	49	18.32	18.37	18.27
20	256QAM	1	99	18.42	18.31	18.13
20	256QAM	50	0	18.27	18.17	18.17
20	256QAM	50	24	18.10	18.12	18.19
20	256QAM	50	50	18.23	18.17	18.22
20	256QAM	100	0	18.15	18.19	18.18



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	23.26	23.32	23.30
15	QPSK	1	37	23.26	23.28	23.21
15	QPSK	1	74	23.18	23.25	23.22
15	QPSK	36	0	22.32	22.44	22.33
15	QPSK	36	20	22.36	22.30	22.28
15	QPSK	36	39	22.33	22.36	22.29
15	QPSK	75	0	22.36	22.37	22.26
15	16QAM	1	0	22.63	22.54	22.37
15	16QAM	1	37	22.51	22.60	22.55
15	16QAM	1	74	22.61	22.38	22.65
15	16QAM	36	0	21.32	21.27	21.31
15	16QAM	36	20	21.53	21.38	21.37
15	16QAM	36	39	21.40	21.43	21.45
15	16QAM	75	0	21.38	21.40	21.36
15	64QAM	1	0	21.48	21.62	21.57
15	64QAM	1	37	21.51	21.55	21.45
15	64QAM	1	74	21.61	21.49	21.31
15	64QAM	36	0	20.46	20.35	20.35
15	64QAM	36	20	20.29	20.30	20.37
15	64QAM	36	39	20.42	20.35	20.40
15	64QAM	75	0	20.34	20.37	20.36
15	256QAM	1	0	18.22	18.37	18.32
15	256QAM	1	37	18.25	18.30	18.20
15	256QAM	1	74	18.35	18.24	18.06
15	256QAM	36	0	18.20	18.10	18.10
15	256QAM	36	20	18.03	18.05	18.12
15	256QAM	36	39	18.16	18.10	18.15
15	256QAM	75	0	18.08	18.12	18.11



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	23.21	23.27	23.25
10	QPSK	1	25	23.21	23.23	23.16
10	QPSK	1	49	23.13	23.20	23.17
10	QPSK	25	0	22.27	22.39	22.28
10	QPSK	25	12	22.31	22.25	22.23
10	QPSK	25	25	22.28	22.31	22.24
10	QPSK	50	0	22.31	22.32	22.21
10	16QAM	1	0	22.58	22.49	22.32
10	16QAM	1	25	22.46	22.55	22.50
10	16QAM	1	49	22.56	22.33	22.60
10	16QAM	25	0	21.27	21.22	21.26
10	16QAM	25	12	21.48	21.33	21.32
10	16QAM	25	25	21.35	21.38	21.40
10	16QAM	50	0	21.33	21.35	21.31
10	64QAM	1	0	21.43	21.57	21.52
10	64QAM	1	25	21.46	21.50	21.40
10	64QAM	1	49	21.56	21.44	21.26
10	64QAM	25	0	20.41	20.30	20.30
10	64QAM	25	12	20.24	20.25	20.32
10	64QAM	25	25	20.37	20.30	20.35
10	64QAM	50	0	20.29	20.32	20.31
10	256QAM	1	0	18.17	18.32	18.27
10	256QAM	1	25	18.20	18.25	18.15
10	256QAM	1	49	18.30	18.19	18.01
10	256QAM	25	0	18.15	18.05	18.05
10	256QAM	25	12	17.98	18.00	18.07
10	256QAM	25	25	18.11	18.05	18.10
10	256QAM	50	0	18.03	18.07	18.06



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	23.30	23.36	23.34
5	QPSK	1	12	23.30	23.32	23.25
5	QPSK	1	24	23.22	23.29	23.26
5	QPSK	12	0	22.36	22.48	22.37
5	QPSK	12	7	22.40	22.34	22.32
5	QPSK	12	13	22.37	22.40	22.33
5	QPSK	25	0	22.40	22.41	22.30
5	16QAM	1	0	22.67	22.58	22.41
5	16QAM	1	12	22.55	22.64	22.59
5	16QAM	1	24	22.65	22.42	22.69
5	16QAM	12	0	21.36	21.31	21.35
5	16QAM	12	7	21.57	21.42	21.41
5	16QAM	12	13	21.44	21.47	21.49
5	16QAM	25	0	21.42	21.44	21.40
5	64QAM	1	0	21.52	21.66	21.61
5	64QAM	1	12	21.55	21.59	21.49
5	64QAM	1	24	21.65	21.53	21.35
5	64QAM	12	0	20.50	20.39	20.39
5	64QAM	12	7	20.33	20.34	20.41
5	64QAM	12	13	20.46	20.39	20.44
5	64QAM	25	0	20.38	20.41	20.40
5	256QAM	1	0	18.26	18.41	18.36
5	256QAM	1	12	18.29	18.34	18.24
5	256QAM	1	24	18.39	18.28	18.10
5	256QAM	12	0	18.24	18.14	18.14
5	256QAM	12	7	18.07	18.09	18.16
5	256QAM	12	13	18.20	18.14	18.19
5	256QAM	25	0	18.12	18.16	18.15



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				19965	20175	20385
Frequency (MHz)				1711.5	1732.5	1753.5
3	QPSK	1	0	23.26	23.32	23.30
3	QPSK	1	8	23.26	23.28	23.21
3	QPSK	1	14	23.18	23.25	23.22
3	QPSK	8	0	22.32	22.44	22.33
3	QPSK	8	4	22.36	22.30	22.28
3	QPSK	8	7	22.33	22.36	22.29
3	QPSK	15	0	22.36	22.37	22.26
3	16QAM	1	0	22.63	22.54	22.37
3	16QAM	1	8	22.51	22.60	22.55
3	16QAM	1	14	22.61	22.38	22.65
3	16QAM	8	0	21.32	21.27	21.31
3	16QAM	8	4	21.53	21.38	21.37
3	16QAM	8	7	21.40	21.43	21.45
3	16QAM	15	0	21.38	21.40	21.36
3	64QAM	1	0	21.48	21.62	21.57
3	64QAM	1	8	21.51	21.55	21.45
3	64QAM	1	14	21.61	21.49	21.31
3	64QAM	8	0	20.46	20.35	20.35
3	64QAM	8	4	20.29	20.30	20.37
3	64QAM	8	7	20.42	20.35	20.40
3	64QAM	15	0	20.34	20.37	20.36
3	256QAM	1	0	18.22	18.37	18.32
3	256QAM	1	8	18.25	18.30	18.20
3	256QAM	1	14	18.35	18.24	18.06
3	256QAM	8	0	18.20	18.10	18.10
3	256QAM	8	4	18.03	18.05	18.12
3	256QAM	8	7	18.16	18.10	18.15
3	256QAM	15	0	18.08	18.12	18.11



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	23.17	23.23	23.21
1.4	QPSK	1	3	23.17	23.19	23.12
1.4	QPSK	1	5	23.09	23.16	23.13
1.4	QPSK	3	0	22.23	22.35	22.24
1.4	QPSK	3	1	22.27	22.21	22.19
1.4	QPSK	3	3	22.24	22.27	22.20
1.4	QPSK	6	0	22.27	22.28	22.17
1.4	16QAM	1	0	22.54	22.45	22.28
1.4	16QAM	1	3	22.42	22.51	22.46
1.4	16QAM	1	5	22.52	22.29	22.56
1.4	16QAM	3	0	21.23	21.18	21.22
1.4	16QAM	3	1	21.44	21.29	21.28
1.4	16QAM	3	3	21.31	21.34	21.36
1.4	16QAM	6	0	21.29	21.31	21.27
1.4	64QAM	1	0	21.39	21.53	21.48
1.4	64QAM	1	3	21.42	21.46	21.36
1.4	64QAM	1	5	21.52	21.40	21.22
1.4	64QAM	3	0	20.37	20.26	20.26
1.4	64QAM	3	1	20.20	20.21	20.28
1.4	64QAM	3	3	20.33	20.26	20.31
1.4	64QAM	6	0	20.25	20.28	20.27
1.4	256QAM	1	0	18.13	18.28	18.23
1.4	256QAM	1	3	18.16	18.21	18.11
1.4	256QAM	1	5	18.26	18.15	17.97
1.4	256QAM	3	0	18.11	18.01	18.01
1.4	256QAM	3	1	17.94	17.96	18.03
1.4	256QAM	3	3	18.07	18.01	18.06
1.4	256QAM	6	0	17.99	18.20	18.02



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	23.89	24.05	24.01
10	QPSK	1	25	23.94	23.97	23.86
10	QPSK	1	49	23.86	23.93	23.68
10	QPSK	25	0	23.04	23.12	22.98
10	QPSK	25	12	23.11	23.08	23.03
10	QPSK	25	25	23.03	22.99	23.02
10	QPSK	50	0	22.92	22.94	22.91
10	16QAM	1	0	23.01	22.91	22.87
10	16QAM	1	25	23.00	23.18	23.04
10	16QAM	1	49	22.97	22.98	22.90
10	16QAM	25	0	21.96	21.87	21.84
10	16QAM	25	12	21.88	21.84	21.81
10	16QAM	25	25	21.96	21.92	21.87
10	16QAM	50	0	22.00	21.86	21.83
10	64QAM	1	0	22.02	22.09	21.98
10	64QAM	1	25	21.89	21.87	21.93
10	64QAM	1	49	22.04	21.84	22.00
10	64QAM	25	0	20.99	20.92	20.87
10	64QAM	25	12	21.07	20.87	20.92
10	64QAM	25	25	20.91	20.92	20.87
10	64QAM	50	0	20.92	20.89	20.91
10	256QAM	1	0	18.41	18.48	18.37
10	256QAM	1	25	18.28	18.26	18.32
10	256QAM	1	49	18.43	18.23	18.39
10	256QAM	25	0	18.38	18.31	18.26
10	256QAM	25	12	18.46	18.26	18.31
10	256QAM	25	25	18.30	18.31	18.26
10	256QAM	50	0	18.31	18.28	18.30



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	23.82	23.98	23.94
5	QPSK	1	12	23.87	23.90	23.79
5	QPSK	1	24	23.79	23.86	23.61
5	QPSK	12	0	22.97	23.05	22.91
5	QPSK	12	7	23.04	23.01	22.96
5	QPSK	12	13	22.96	22.92	22.95
5	QPSK	25	0	22.85	22.87	22.84
5	16QAM	1	0	22.94	22.84	22.80
5	16QAM	1	12	22.93	23.11	22.97
5	16QAM	1	24	22.90	22.91	22.83
5	16QAM	12	0	21.89	21.80	21.77
5	16QAM	12	7	21.81	21.77	21.74
5	16QAM	12	13	21.89	21.85	21.80
5	16QAM	25	0	21.93	21.79	21.76
5	64QAM	1	0	21.95	22.02	21.91
5	64QAM	1	12	21.82	21.80	21.86
5	64QAM	1	24	21.97	21.77	21.93
5	64QAM	12	0	20.92	20.85	20.80
5	64QAM	12	7	21.00	20.80	20.85
5	64QAM	12	13	20.84	20.85	20.80
5	64QAM	25	0	20.85	20.82	20.84
5	256QAM	1	0	18.34	18.41	18.30
5	256QAM	1	12	18.21	18.19	18.25
5	256QAM	1	24	18.36	18.16	18.32
5	256QAM	12	0	18.31	18.24	18.19
5	256QAM	12	7	18.39	18.19	18.24
5	256QAM	12	13	18.23	18.24	18.19
5	256QAM	25	0	18.24	18.21	18.23



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	23.79	23.95	23.91
3	QPSK	1	8	23.84	23.87	23.76
3	QPSK	1	14	23.76	23.83	23.58
3	QPSK	8	0	22.94	23.02	22.88
3	QPSK	8	4	23.01	22.98	22.93
3	QPSK	8	7	22.93	22.89	22.92
3	QPSK	15	0	22.82	22.84	22.81
3	16QAM	1	0	22.91	22.81	22.77
3	16QAM	1	8	22.90	23.08	22.94
3	16QAM	1	14	22.87	22.88	22.80
3	16QAM	8	0	21.86	21.77	21.74
3	16QAM	8	4	21.78	21.74	21.71
3	16QAM	8	7	21.86	21.82	21.77
3	16QAM	15	0	21.90	21.76	21.73
3	64QAM	1	0	21.92	21.99	21.88
3	64QAM	1	8	21.79	21.77	21.83
3	64QAM	1	14	21.94	21.74	21.90
3	64QAM	8	0	20.89	20.82	20.77
3	64QAM	8	4	20.97	20.77	20.82
3	64QAM	8	7	20.81	20.82	20.77
3	64QAM	15	0	20.82	20.79	20.81
3	256QAM	1	0	18.31	18.38	18.27
3	256QAM	1	8	18.18	18.16	18.22
3	256QAM	1	14	18.33	18.13	18.29
3	256QAM	8	0	18.28	18.21	18.16
3	256QAM	8	4	18.36	18.16	18.21
3	256QAM	8	7	18.20	18.21	18.16
3	256QAM	15	0	18.21	18.18	18.20



LTE Band 5						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20407	20525	20643
Frequency (MHz)				824.7	836.5	848.3
1.4	QPSK	1	0	23.70	23.86	23.82
1.4	QPSK	1	3	23.75	23.78	23.67
1.4	QPSK	1	5	23.67	23.74	23.49
1.4	QPSK	3	0	22.85	22.93	22.79
1.4	QPSK	3	1	22.92	22.89	22.84
1.4	QPSK	3	3	22.84	22.80	22.83
1.4	QPSK	6	0	22.73	22.75	22.72
1.4	16QAM	1	0	22.82	22.72	22.68
1.4	16QAM	1	3	22.81	22.99	22.85
1.4	16QAM	1	5	22.78	22.79	22.71
1.4	16QAM	3	0	21.77	21.68	21.65
1.4	16QAM	3	1	21.69	21.65	21.62
1.4	16QAM	3	3	21.77	21.73	21.68
1.4	16QAM	6	0	21.81	21.67	21.64
1.4	64QAM	1	0	21.83	21.90	21.79
1.4	64QAM	1	3	21.70	21.68	21.74
1.4	64QAM	1	5	21.85	21.65	21.81
1.4	64QAM	3	0	20.80	20.73	20.68
1.4	64QAM	3	1	20.88	20.68	20.73
1.4	64QAM	3	3	20.72	20.73	20.68
1.4	64QAM	6	0	20.73	20.70	20.92
1.4	256QAM	1	0	18.22	18.29	18.18
1.4	256QAM	1	3	18.09	18.07	18.13
1.4	256QAM	1	5	18.24	18.04	18.20
1.4	256QAM	3	0	18.19	18.12	18.07
1.4	256QAM	3	1	18.27	18.07	18.12
1.4	256QAM	3	3	18.11	18.12	18.07
1.4	256QAM	6	0	18.12	18.35	18.11



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	24.05	24.11	23.96
10	QPSK	1	25	23.98	24.01	23.90
10	QPSK	1	49	23.90	23.97	23.72
10	QPSK	25	0	23.08	23.16	23.02
10	QPSK	25	12	23.15	23.12	23.07
10	QPSK	25	25	23.07	23.03	23.06
10	QPSK	50	0	22.96	22.98	22.95
10	16QAM	1	0	23.05	22.95	22.91
10	16QAM	1	25	23.04	23.22	23.08
10	16QAM	1	49	23.01	23.02	22.94
10	16QAM	25	0	22.00	21.91	21.88
10	16QAM	25	12	21.92	21.88	21.85
10	16QAM	25	25	22.00	21.96	21.91
10	16QAM	50	0	22.04	21.90	21.87
10	64QAM	1	0	22.06	22.13	22.02
10	64QAM	1	25	21.93	21.91	21.97
10	64QAM	1	49	22.08	21.88	22.04
10	64QAM	25	0	21.03	20.96	20.91
10	64QAM	25	12	21.11	20.91	20.96
10	64QAM	25	25	20.95	20.96	20.91
10	64QAM	50	0	20.96	20.93	20.95
10	256QAM	1	0	18.84	18.91	18.80
10	256QAM	1	25	18.71	18.69	18.75
10	256QAM	1	49	18.86	18.66	18.82
10	256QAM	25	0	18.81	18.74	18.69
10	256QAM	25	12	18.89	18.69	18.74
10	256QAM	25	25	18.73	18.74	18.69
10	256QAM	50	0	18.74	18.71	18.73



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	23.88	23.94	23.79
5	QPSK	1	12	23.81	23.84	23.73
5	QPSK	1	24	23.73	23.80	23.55
5	QPSK	12	0	22.91	22.99	22.85
5	QPSK	12	7	22.98	22.95	22.90
5	QPSK	12	13	22.90	22.86	22.89
5	QPSK	25	0	22.79	22.81	22.78
5	16QAM	1	0	22.88	22.78	22.92
5	16QAM	1	12	22.87	23.05	22.91
5	16QAM	1	24	22.84	22.85	22.77
5	16QAM	12	0	21.83	21.74	21.95
5	16QAM	12	7	21.75	21.71	21.68
5	16QAM	12	13	21.83	21.79	21.74
5	16QAM	25	0	21.87	21.73	21.70
5	64QAM	1	0	21.89	21.96	21.85
5	64QAM	1	12	21.76	21.74	21.80
5	64QAM	1	24	21.91	21.71	21.87
5	64QAM	12	0	20.86	20.93	20.74
5	64QAM	12	7	20.94	20.74	20.79
5	64QAM	12	13	20.78	20.79	20.74
5	64QAM	25	0	20.79	20.76	20.78
5	256QAM	1	0	18.77	18.84	18.73
5	256QAM	1	12	18.64	18.62	18.68
5	256QAM	1	24	18.79	18.59	18.75
5	256QAM	12	0	18.74	18.91	18.62
5	256QAM	12	7	18.82	18.62	18.67
5	256QAM	12	13	18.66	18.67	18.62
5	256QAM	25	0	18.67	18.64	18.66



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	23.79	23.85	23.70
3	QPSK	1	8	23.72	23.75	23.64
3	QPSK	1	14	23.64	23.71	23.46
3	QPSK	8	0	22.82	22.90	22.76
3	QPSK	8	4	22.89	22.86	22.81
3	QPSK	8	7	22.81	22.77	22.80
3	QPSK	15	0	22.70	22.72	22.69
3	16QAM	1	0	22.79	22.69	22.65
3	16QAM	1	8	22.78	22.96	22.82
3	16QAM	1	14	22.75	22.76	22.68
3	16QAM	8	0	21.74	21.89	21.62
3	16QAM	8	4	21.66	21.62	21.59
3	16QAM	8	7	21.74	21.70	21.65
3	16QAM	15	0	21.78	21.64	21.61
3	64QAM	1	0	21.80	21.87	21.76
3	64QAM	1	8	21.67	21.65	21.71
3	64QAM	1	14	21.82	21.62	21.78
3	64QAM	8	0	20.77	20.96	20.65
3	64QAM	8	4	20.85	20.65	20.70
3	64QAM	8	7	20.69	20.70	20.65
3	64QAM	15	0	20.70	20.67	20.69
3	256QAM	1	0	18.68	18.81	18.64
3	256QAM	1	8	18.55	18.53	18.59
3	256QAM	1	14	18.70	18.50	18.66
3	256QAM	8	0	18.65	18.90	18.53
3	256QAM	8	4	18.73	18.53	18.58
3	256QAM	8	7	18.57	18.58	18.53
3	256QAM	15	0	18.58	18.55	18.57



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	23.70	23.86	23.61
1.4	QPSK	1	3	23.63	23.66	23.55
1.4	QPSK	1	5	23.55	23.62	23.37
1.4	QPSK	3	0	22.73	22.81	22.67
1.4	QPSK	3	1	22.80	22.77	22.72
1.4	QPSK	3	3	22.72	22.68	22.71
1.4	QPSK	6	0	22.61	22.90	22.60
1.4	16QAM	1	0	22.70	22.95	22.56
1.4	16QAM	1	3	22.69	22.87	22.73
1.4	16QAM	1	5	22.66	22.67	22.59
1.4	16QAM	3	0	21.65	21.56	21.53
1.4	16QAM	3	1	21.57	21.53	21.50
1.4	16QAM	3	3	21.65	21.61	21.56
1.4	16QAM	6	0	21.69	21.93	21.52
1.4	64QAM	1	0	21.71	21.78	21.67
1.4	64QAM	1	3	21.58	21.56	21.62
1.4	64QAM	1	5	21.73	21.53	21.69
1.4	64QAM	3	0	20.68	20.61	20.56
1.4	64QAM	3	1	20.76	20.56	20.61
1.4	64QAM	3	3	20.60	20.61	20.56
1.4	64QAM	6	0	20.61	20.89	20.60
1.4	256QAM	1	0	18.59	18.91	18.55
1.4	256QAM	1	3	18.46	18.44	18.50
1.4	256QAM	1	5	18.61	18.41	18.57
1.4	256QAM	3	0	18.56	18.49	18.44
1.4	256QAM	3	1	18.64	18.44	18.49
1.4	256QAM	3	3	18.48	18.49	18.44
1.4	256QAM	6	0	18.49	18.92	18.48



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	24.01	24.06	24.03
10	QPSK	1	25	23.89	23.92	23.89
10	QPSK	1	49	23.81	23.87	23.89
10	QPSK	25	0	23.00	23.00	23.01
10	QPSK	25	12	22.94	22.98	22.94
10	QPSK	25	25	22.97	22.93	22.93
10	QPSK	50	0	22.98	22.98	22.93
10	16QAM	1	0	23.11	23.26	22.95
10	16QAM	1	25	22.90	22.97	23.01
10	16QAM	1	49	23.09	23.10	23.14
10	16QAM	25	0	22.01	22.06	21.92
10	16QAM	25	12	22.07	22.05	22.07
10	16QAM	25	25	22.06	21.99	21.98
10	16QAM	50	0	21.93	21.96	21.96
10	64QAM	1	0	21.95	22.18	22.03
10	64QAM	1	25	22.18	22.22	22.11
10	64QAM	1	49	22.07	22.05	22.02
10	64QAM	25	0	20.91	21.03	20.91
10	64QAM	25	12	20.92	21.00	20.96
10	64QAM	25	25	20.97	21.02	21.02
10	64QAM	50	0	20.98	20.94	20.97
10	256QAM	1	0	18.53	18.76	18.62
10	256QAM	1	25	18.77	18.84	18.71
10	256QAM	1	49	18.66	18.62	18.61
10	256QAM	25	0	18.50	18.64	18.52
10	256QAM	25	12	18.49	18.55	18.57
10	256QAM	25	25	18.61	18.64	18.60
10	256QAM	50	0	18.54	18.50	18.54



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	23.79	23.94	23.91
5	QPSK	1	12	23.77	23.84	23.82
5	QPSK	1	24	23.74	23.80	23.81
5	QPSK	12	0	22.92	22.89	22.92
5	QPSK	12	7	22.83	22.89	22.84
5	QPSK	12	13	22.86	22.85	22.83
5	QPSK	25	0	22.92	22.87	22.87
5	16QAM	1	0	23.01	23.17	22.87
5	16QAM	1	12	22.78	22.88	22.90
5	16QAM	1	24	23.01	23.00	23.08
5	16QAM	12	0	21.90	21.95	21.85
5	16QAM	12	7	21.96	21.98	21.97
5	16QAM	12	13	21.95	21.90	21.88
5	16QAM	25	0	21.83	21.85	21.90
5	64QAM	1	0	21.83	22.10	21.97
5	64QAM	1	12	22.11	22.10	22.01
5	64QAM	1	24	22.00	21.97	21.91
5	64QAM	12	0	20.85	20.96	20.80
5	64QAM	12	7	20.82	20.90	20.86
5	64QAM	12	13	20.87	20.93	20.92
5	64QAM	25	0	20.88	20.87	20.89
5	256QAM	1	0	18.43	18.69	18.54
5	256QAM	1	12	18.70	18.73	18.62
5	256QAM	1	24	18.58	18.56	18.54
5	256QAM	12	0	18.43	18.52	18.43
5	256QAM	12	7	18.38	18.49	18.50
5	256QAM	12	13	18.49	18.56	18.54
5	256QAM	25	0	18.47	18.44	18.45



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	23.35	23.47	23.42
20	QPSK	1	49	23.33	23.30	23.27
20	QPSK	1	99	23.31	23.22	23.20
20	QPSK	50	0	22.48	22.49	22.46
20	QPSK	50	24	22.45	22.41	22.43
20	QPSK	50	50	22.44	22.35	22.37
20	QPSK	100	0	22.43	22.44	22.43
20	16QAM	1	0	22.36	22.36	22.38
20	16QAM	1	49	22.45	22.42	22.41
20	16QAM	1	99	22.27	22.39	22.40
20	16QAM	50	0	21.48	21.33	21.34
20	16QAM	50	24	21.38	21.37	21.27
20	16QAM	50	50	21.33	21.31	21.32
20	16QAM	100	0	21.32	21.41	21.31
20	64QAM	1	0	21.39	21.40	21.33
20	64QAM	1	49	21.34	21.36	21.43
20	64QAM	1	99	21.41	21.38	21.36
20	64QAM	50	0	20.37	20.32	20.35
20	64QAM	50	24	20.37	20.43	20.34
20	64QAM	50	50	20.28	20.34	20.28
20	64QAM	100	0	20.43	20.42	20.22
20	256QAM	1	0	18.46	18.47	18.40
20	256QAM	1	49	18.41	18.43	18.50
20	256QAM	1	99	18.48	18.45	18.43
20	256QAM	50	0	18.44	18.39	18.42
20	256QAM	50	24	18.44	18.50	18.41
20	256QAM	50	50	18.35	18.41	18.35
20	256QAM	100	0	18.50	18.49	18.29



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	23.27	23.39	23.34
15	QPSK	1	37	23.25	23.22	23.19
15	QPSK	1	74	23.23	23.14	23.12
15	QPSK	36	0	22.40	22.41	22.38
15	QPSK	36	20	22.37	22.33	22.35
15	QPSK	36	39	22.36	22.27	22.29
15	QPSK	75	0	22.35	22.36	22.35
15	16QAM	1	0	22.28	22.28	22.30
15	16QAM	1	37	22.37	22.34	22.33
15	16QAM	1	74	22.19	22.31	22.32
15	16QAM	36	0	21.40	21.25	21.26
15	16QAM	36	20	21.30	21.29	21.19
15	16QAM	36	39	21.25	21.23	21.24
15	16QAM	75	0	21.24	21.33	21.23
15	64QAM	1	0	21.31	21.32	21.25
15	64QAM	1	37	21.26	21.28	21.35
15	64QAM	1	74	21.33	21.30	21.28
15	64QAM	36	0	20.29	20.24	20.27
15	64QAM	36	20	20.29	20.35	20.26
15	64QAM	36	39	20.20	20.26	20.20
15	64QAM	75	0	20.35	20.34	20.14
15	256QAM	1	0	18.38	18.39	18.32
15	256QAM	1	37	18.33	18.35	18.42
15	256QAM	1	74	18.40	18.37	18.35
15	256QAM	36	0	18.36	18.31	18.34
15	256QAM	36	20	18.36	18.42	18.33
15	256QAM	36	39	18.27	18.33	18.27
15	256QAM	75	0	18.42	18.41	18.21



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				26090	26365	26640
Frequency (MHz)				1855	1882.5	1910
10	QPSK	1	0	23.18	23.30	23.25
10	QPSK	1	25	23.16	23.13	23.10
10	QPSK	1	49	23.14	23.05	23.03
10	QPSK	25	0	22.31	22.32	22.29
10	QPSK	25	12	22.28	22.24	22.26
10	QPSK	25	25	22.27	22.18	22.20
10	QPSK	50	0	22.26	22.27	22.26
10	16QAM	1	0	22.19	22.19	22.21
10	16QAM	1	25	22.28	22.25	22.24
10	16QAM	1	49	22.10	22.22	22.23
10	16QAM	25	0	21.31	21.16	21.17
10	16QAM	25	12	21.21	21.20	21.10
10	16QAM	25	25	21.16	21.14	21.15
10	16QAM	50	0	21.15	21.24	21.14
10	64QAM	1	0	21.22	21.23	21.16
10	64QAM	1	25	21.17	21.19	21.26
10	64QAM	1	49	21.24	21.21	21.19
10	64QAM	25	0	20.20	20.15	20.18
10	64QAM	25	12	20.20	20.26	20.17
10	64QAM	25	25	20.11	20.17	20.11
10	64QAM	50	0	20.26	20.25	20.05
10	256QAM	1	0	18.29	18.30	18.23
10	256QAM	1	25	18.24	18.26	18.33
10	256QAM	1	49	18.31	18.28	18.26
10	256QAM	25	0	18.27	18.22	18.25
10	256QAM	25	12	18.27	18.33	18.24
10	256QAM	25	25	18.18	18.24	18.18
10	256QAM	50	0	18.33	18.32	18.12



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	23.14	23.26	23.21
5	QPSK	1	12	23.12	23.09	23.06
5	QPSK	1	24	23.10	23.01	22.99
5	QPSK	12	0	22.27	22.28	22.25
5	QPSK	12	7	22.24	22.20	22.22
5	QPSK	12	13	22.23	22.14	22.16
5	QPSK	25	0	22.22	22.23	22.22
5	16QAM	1	0	22.15	22.15	22.17
5	16QAM	1	12	22.24	22.21	22.20
5	16QAM	1	24	22.06	22.18	22.19
5	16QAM	12	0	21.27	21.12	21.13
5	16QAM	12	7	21.17	21.16	21.06
5	16QAM	12	13	21.12	21.10	21.11
5	16QAM	25	0	21.11	21.20	21.10
5	64QAM	1	0	21.18	21.19	21.12
5	64QAM	1	12	21.13	21.15	21.22
5	64QAM	1	24	21.20	21.17	21.15
5	64QAM	12	0	20.16	20.11	20.14
5	64QAM	12	7	20.16	20.22	20.13
5	64QAM	12	13	20.07	20.13	20.07
5	64QAM	25	0	20.22	20.21	20.01
5	256QAM	1	0	18.25	18.26	18.19
5	256QAM	1	12	18.20	18.22	18.29
5	256QAM	1	24	18.27	18.24	18.22
5	256QAM	12	0	18.23	18.18	18.21
5	256QAM	12	7	18.23	18.29	18.20
5	256QAM	12	13	18.14	18.20	18.14
5	256QAM	25	0	18.29	18.28	18.08



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	23.05	23.17	23.12
3	QPSK	1	8	23.03	23.00	22.97
3	QPSK	1	14	23.01	22.92	22.90
3	QPSK	8	0	22.18	22.19	22.16
3	QPSK	8	4	22.15	22.11	22.13
3	QPSK	8	7	22.14	22.05	22.07
3	QPSK	15	0	22.13	22.14	22.13
3	16QAM	1	0	22.06	22.06	22.08
3	16QAM	1	8	22.15	22.12	22.11
3	16QAM	1	14	21.97	22.09	22.10
3	16QAM	8	0	21.18	21.03	21.04
3	16QAM	8	4	21.08	21.07	20.97
3	16QAM	8	7	21.03	21.01	21.02
3	16QAM	15	0	21.02	21.11	21.01
3	64QAM	1	0	21.09	21.10	21.03
3	64QAM	1	8	21.04	21.06	21.13
3	64QAM	1	14	21.11	21.08	21.06
3	64QAM	8	0	20.07	20.02	20.05
3	64QAM	8	4	20.07	20.13	20.04
3	64QAM	8	7	19.98	20.04	19.98
3	64QAM	15	0	20.13	20.12	19.92
3	256QAM	1	0	18.16	18.17	18.10
3	256QAM	1	8	18.11	18.13	18.20
3	256QAM	1	14	18.18	18.15	18.13
3	256QAM	8	0	18.14	18.09	18.12
3	256QAM	8	4	18.14	18.20	18.11
3	256QAM	8	7	18.05	18.11	18.05
3	256QAM	15	0	18.20	18.19	17.99



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	23.20	23.15
1.4	QPSK	1	3	23.06	23.03	23.00
1.4	QPSK	1	5	23.04	22.95	22.93
1.4	QPSK	3	0	22.21	22.22	22.19
1.4	QPSK	3	1	22.18	22.14	22.16
1.4	QPSK	3	3	22.17	22.08	22.10
1.4	QPSK	6	0	22.16	22.17	22.16
1.4	16QAM	1	0	22.09	22.09	22.11
1.4	16QAM	1	3	22.18	22.15	22.14
1.4	16QAM	1	5	22.00	22.12	22.13
1.4	16QAM	3	0	21.21	21.06	21.07
1.4	16QAM	3	1	21.11	21.10	21.00
1.4	16QAM	3	3	21.06	21.04	21.05
1.4	16QAM	6	0	21.05	21.14	21.04
1.4	64QAM	1	0	21.12	21.13	21.06
1.4	64QAM	1	3	21.07	21.09	21.16
1.4	64QAM	1	5	21.14	21.11	21.09
1.4	64QAM	3	0	21.10	21.05	21.08
1.4	64QAM	3	1	21.10	21.16	21.07
1.4	64QAM	3	3	21.01	21.07	21.01
1.4	64QAM	6	0	20.16	20.25	19.95
1.4	256QAM	1	0	18.19	18.20	18.13
1.4	256QAM	1	3	18.14	18.16	18.23
1.4	256QAM	1	5	18.21	18.18	18.16
1.4	256QAM	3	0	18.17	18.12	18.15
1.4	256QAM	3	1	18.17	18.23	18.14
1.4	256QAM	3	3	18.08	18.14	18.08
1.4	256QAM	6	0	18.23	18.22	18.02



LTE Band 30						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				/	27710	/
Frequency (MHz)				/	2310	/
10	QPSK	1	0	/	23.02	/
10	QPSK	1	25	/	22.93	/
10	QPSK	1	49	/	22.93	/
10	QPSK	25	0	/	22.06	/
10	QPSK	25	12	/	22.02	/
10	QPSK	25	25	/	22.01	/
10	QPSK	50	0	/	22.03	/
10	16QAM	1	0	/	22.22	/
10	16QAM	1	25	/	22.19	/
10	16QAM	1	49	/	22.26	/
10	16QAM	25	0	/	21.08	/
10	16QAM	25	12	/	21.03	/
10	16QAM	25	25	/	21.04	/
10	16QAM	50	0	/	21.01	/
10	64QAM	1	0	/	21.28	/
10	64QAM	1	25	/	21.02	/
10	64QAM	1	49	/	21.18	/
10	64QAM	25	0	/	20.12	/
10	64QAM	25	12	/	20.07	/
10	64QAM	25	25	/	20.02	/
10	64QAM	50	0	/	20.04	/
10	256QAM	1	0	/	17.97	/
10	256QAM	1	25	/	17.71	/
10	256QAM	1	49	/	17.87	/
10	256QAM	25	0	/	17.95	/
10	256QAM	25	12	/	17.75	/
10	256QAM	25	25	/	17.70	/
10	256QAM	50	0	/	17.72	/



LTE Band 30						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				27685	27710	27735
Frequency (MHz)				2307.5	2310	2312.5
5	QPSK	1	0	22.86	22.96	22.85
5	QPSK	1	12	22.77	22.77	22.80
5	QPSK	1	24	22.81	22.75	22.82
5	QPSK	12	0	21.87	21.96	21.88
5	QPSK	12	7	21.93	21.86	21.88
5	QPSK	12	13	21.91	21.87	21.90
5	QPSK	25	0	21.79	21.86	21.89
5	16QAM	1	0	22.12	22.06	22.12
5	16QAM	1	12	22.07	22.03	22.07
5	16QAM	1	24	22.10	22.11	22.16
5	16QAM	12	0	20.92	20.91	20.99
5	16QAM	12	7	20.88	20.88	20.92
5	16QAM	12	13	20.87	20.95	20.85
5	16QAM	25	0	20.85	20.87	20.86
5	64QAM	1	0	21.14	21.16	21.10
5	64QAM	1	12	20.88	20.83	20.92
5	64QAM	1	24	21.09	21.04	21.05
5	64QAM	12	0	20.02	19.95	19.94
5	64QAM	12	7	19.98	19.96	19.98
5	64QAM	12	13	19.91	19.89	19.82
5	64QAM	25	0	19.92	19.84	19.86
5	256QAM	1	0	17.89	17.95	17.87
5	256QAM	1	12	17.70	17.69	17.68
5	256QAM	1	24	17.85	17.83	17.81
5	256QAM	12	0	17.69	17.75	17.71
5	256QAM	12	7	17.69	17.70	17.72
5	256QAM	12	13	17.59	17.60	17.64
5	256QAM	25	0	17.63	17.65	17.71



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	23.01	23.09	23.05
20	QPSK	1	49	22.97	22.87	22.85
20	QPSK	1	99	23.06	23.02	22.84
20	QPSK	50	0	22.29	22.30	22.27
20	QPSK	50	24	22.25	22.16	21.98
20	QPSK	50	50	22.27	22.12	21.85
20	QPSK	100	0	22.26	22.17	21.95
20	16QAM	1	0	22.34	22.30	22.25
20	16QAM	1	49	22.27	22.24	22.20
20	16QAM	1	99	22.20	22.29	22.17
20	16QAM	50	0	21.35	21.17	21.02
20	16QAM	50	24	21.29	21.20	21.05
20	16QAM	50	50	21.26	21.05	21.01
20	16QAM	100	0	21.17	21.20	21.15
20	64QAM	1	0	21.25	21.23	21.17
20	64QAM	1	49	21.24	21.14	21.07
20	64QAM	1	99	21.18	21.18	21.12
20	64QAM	50	0	20.30	20.11	19.88
20	64QAM	50	24	20.20	20.14	20.06
20	64QAM	50	50	20.07	20.09	20.00
20	64QAM	100	0	20.26	20.25	20.15
20	256QAM	1	0	18.05	18.03	17.97
20	256QAM	1	49	18.04	17.94	17.87
20	256QAM	1	99	17.98	17.98	17.92
20	256QAM	50	0	18.10	17.91	17.68
20	256QAM	50	24	18.00	17.94	17.86
20	256QAM	50	50	17.87	17.89	17.80
20	256QAM	100	0	18.06	18.05	17.95



LTE Band 41						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39725	40620	41515
Frequency (MHz)				2503.5	2593	2682.5
15	QPSK	1	0	22.83	22.91	22.87
15	QPSK	1	37	22.79	22.90	22.67
15	QPSK	1	74	22.88	22.84	22.66
15	QPSK	36	0	22.11	22.12	22.09
15	QPSK	36	20	22.07	21.98	21.80
15	QPSK	36	39	22.09	21.94	21.67
15	QPSK	75	0	22.08	21.99	21.77
15	16QAM	1	0	22.16	22.12	22.07
15	16QAM	1	37	22.09	22.06	22.02
15	16QAM	1	74	22.02	22.11	21.99
15	16QAM	36	0	21.17	20.99	20.84
15	16QAM	36	20	21.11	21.02	20.87
15	16QAM	36	39	21.08	20.87	20.83
15	16QAM	75	0	20.99	21.02	20.97
15	64QAM	1	0	21.07	21.05	20.99
15	64QAM	1	37	21.06	20.96	20.89
15	64QAM	1	74	21.00	21.00	20.94
15	64QAM	36	0	20.12	19.93	19.70
15	64QAM	36	20	20.02	19.96	19.88
15	64QAM	36	39	19.89	19.91	19.82
15	64QAM	75	0	20.08	20.07	19.97
15	256QAM	1	0	17.87	17.85	17.79
15	256QAM	1	37	17.86	17.76	17.69
15	256QAM	1	74	17.80	17.80	17.74
15	256QAM	36	0	17.92	17.73	17.50
15	256QAM	36	20	17.82	17.76	17.68
15	256QAM	36	39	17.69	17.71	17.62
15	256QAM	75	0	17.88	17.87	17.77



LTE Band 41						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39700	40620	41540
Frequency (MHz)				2501	2593	2685
10	QPSK	1	0	22.83	22.93	22.72
10	QPSK	1	25	22.75	22.69	22.71
10	QPSK	1	49	22.88	22.78	22.73
10	QPSK	25	0	22.11	22.08	21.82
10	QPSK	25	12	22.10	22.01	21.74
10	QPSK	25	25	22.12	21.96	21.69
10	QPSK	50	0	22.08	22.02	21.76
10	16QAM	1	0	22.16	22.07	22.04
10	16QAM	1	25	22.07	22.00	21.97
10	16QAM	1	49	22.03	22.14	21.97
10	16QAM	25	0	21.10	20.95	20.79
10	16QAM	25	12	21.12	21.01	20.80
10	16QAM	25	25	21.05	20.84	20.77
10	16QAM	50	0	20.93	21.02	20.99
10	64QAM	1	0	21.06	20.99	20.97
10	64QAM	1	25	21.07	20.92	20.84
10	64QAM	1	49	20.92	20.96	20.88
10	64QAM	25	0	20.05	19.87	19.73
10	64QAM	25	12	20.02	19.90	19.90
10	64QAM	25	25	19.92	19.92	19.79
10	64QAM	50	0	20.11	20.07	19.97
10	256QAM	1	0	18.24	18.27	18.16
10	256QAM	1	25	18.24	18.08	18.06
10	256QAM	1	49	18.20	18.14	18.07
10	256QAM	25	0	18.32	18.06	17.88
10	256QAM	25	12	18.20	18.17	18.01
10	256QAM	25	25	18.12	18.05	17.97
10	256QAM	50	0	18.25	18.24	18.17



LTE Band 41						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				39675	40620	41565
Frequency (MHz)				2498.5	2593	2687.5
5	QPSK	1	0	22.64	22.74	22.53
5	QPSK	1	12	22.56	22.50	22.52
5	QPSK	1	24	22.69	22.59	22.54
5	QPSK	12	0	21.92	21.89	21.63
5	QPSK	12	7	21.91	21.82	21.55
5	QPSK	12	13	21.93	21.77	21.50
5	QPSK	25	0	21.89	21.83	21.57
5	16QAM	1	0	21.97	21.88	21.85
5	16QAM	1	12	21.88	21.81	21.78
5	16QAM	1	24	21.84	21.95	21.78
5	16QAM	12	0	20.91	20.76	20.60
5	16QAM	12	7	20.93	20.82	20.61
5	16QAM	12	13	20.86	20.65	20.58
5	16QAM	25	0	20.74	20.83	20.80
5	64QAM	1	0	20.87	20.80	20.78
5	64QAM	1	12	20.88	20.73	20.65
5	64QAM	1	24	20.73	20.77	20.69
5	64QAM	12	0	19.86	19.68	19.54
5	64QAM	12	7	19.83	19.71	19.71
5	64QAM	12	13	19.73	19.73	19.60
5	64QAM	25	0	19.92	19.88	19.78
5	256QAM	1	0	18.05	18.08	17.97
5	256QAM	1	12	18.05	17.89	17.87
5	256QAM	1	24	18.01	17.95	17.88
5	256QAM	12	0	18.13	17.87	17.69
5	256QAM	12	7	18.01	17.98	17.82
5	256QAM	12	13	17.93	17.86	17.78
5	256QAM	25	0	18.06	18.05	17.98



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				132072	132322	132572
Frequency (MHz)				1720	1745	1770
20	QPSK	1	0	23.45	23.47	23.42
20	QPSK	1	49	23.22	23.34	23.19
20	QPSK	1	99	23.30	23.30	23.27
20	QPSK	50	0	22.42	22.47	22.45
20	QPSK	50	24	22.35	22.43	22.42
20	QPSK	50	50	22.46	22.41	22.43
20	QPSK	100	0	22.42	22.47	22.44
20	16QAM	1	0	22.72	22.67	22.69
20	16QAM	1	49	22.59	22.68	22.45
20	16QAM	1	99	22.53	22.60	22.68
20	16QAM	50	0	21.39	21.32	21.31
20	16QAM	50	24	21.51	21.46	21.34
20	16QAM	50	50	21.44	21.43	21.40
20	16QAM	100	0	21.45	21.42	21.32
20	64QAM	1	0	21.68	21.65	21.66
20	64QAM	1	49	21.56	21.66	21.40
20	64QAM	1	99	21.47	21.60	21.61
20	64QAM	50	0	20.36	20.31	20.31
20	64QAM	50	24	20.43	20.41	20.33
20	64QAM	50	50	20.36	20.37	20.37
20	64QAM	100	0	20.47	20.36	20.25
20	256QAM	1	0	18.57	18.52	18.59
20	256QAM	1	49	18.40	18.57	18.30
20	256QAM	1	99	18.42	18.49	18.57
20	256QAM	50	0	18.22	18.15	18.16
20	256QAM	50	24	18.32	18.36	18.17
20	256QAM	50	50	18.35	18.28	18.26
20	256QAM	100	0	18.31	18.34	18.17



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	23.26	23.28	23.23
15	QPSK	1	37	23.03	23.15	23.00
15	QPSK	1	74	23.11	23.11	23.08
15	QPSK	36	0	22.23	22.28	22.26
15	QPSK	36	20	22.16	22.24	22.23
15	QPSK	36	39	22.27	22.22	22.24
15	QPSK	75	0	22.23	22.28	22.25
15	16QAM	1	0	22.53	22.48	22.50
15	16QAM	1	37	22.40	22.49	22.26
15	16QAM	1	74	22.34	22.41	22.49
15	16QAM	36	0	21.20	21.13	21.12
15	16QAM	36	20	21.32	21.27	21.15
15	16QAM	36	39	21.25	21.24	21.21
15	16QAM	75	0	21.26	21.23	21.13
15	64QAM	1	0	21.49	21.46	21.47
15	64QAM	1	37	21.37	21.47	21.21
15	64QAM	1	74	21.28	21.41	21.42
15	64QAM	36	0	20.17	20.12	20.12
15	64QAM	36	20	20.24	20.22	20.14
15	64QAM	36	39	20.17	20.18	20.18
15	64QAM	75	0	20.28	20.17	20.06
15	256QAM	1	0	18.38	18.33	18.40
15	256QAM	1	37	18.21	18.38	18.11
15	256QAM	1	74	18.23	18.30	18.38
15	256QAM	36	0	18.03	17.96	17.97
15	256QAM	36	20	18.13	18.17	17.98
15	256QAM	36	39	18.16	18.09	18.07
15	256QAM	75	0	18.12	18.15	17.98



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				132022	132322	132622
Frequency (MHz)				1715	1745	1775
10	QPSK	1	0	23.19	23.21	23.16
10	QPSK	1	25	22.96	23.08	22.93
10	QPSK	1	49	23.04	23.04	23.01
10	QPSK	25	0	22.16	22.21	22.19
10	QPSK	25	12	22.09	22.17	22.16
10	QPSK	25	25	22.20	22.15	22.17
10	QPSK	50	0	22.16	22.21	22.18
10	16QAM	1	0	22.46	22.41	22.43
10	16QAM	1	25	22.33	22.42	22.19
10	16QAM	1	49	22.27	22.34	22.42
10	16QAM	25	0	21.13	21.06	21.05
10	16QAM	25	12	21.25	21.20	21.08
10	16QAM	25	25	21.18	21.17	21.14
10	16QAM	50	0	21.19	21.16	21.06
10	64QAM	1	0	21.42	21.39	21.40
10	64QAM	1	25	21.30	21.40	21.14
10	64QAM	1	49	21.21	21.34	21.35
10	64QAM	25	0	20.10	20.05	20.05
10	64QAM	25	12	20.17	20.15	20.07
10	64QAM	25	25	20.10	20.11	20.11
10	64QAM	50	0	20.21	20.10	19.99
10	256QAM	1	0	18.31	18.26	18.33
10	256QAM	1	25	18.14	18.31	18.04
10	256QAM	1	49	18.16	18.23	18.31
10	256QAM	25	0	17.96	18.21	17.90
10	256QAM	25	12	18.06	18.10	17.91
10	256QAM	25	25	18.09	18.02	18.00
10	256QAM	50	0	18.05	18.08	17.91



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	23.13	23.15	23.10
5	QPSK	1	12	22.90	23.02	22.87
5	QPSK	1	24	22.98	22.98	22.95
5	QPSK	12	0	22.10	22.15	22.13
5	QPSK	12	7	22.03	22.11	22.10
5	QPSK	12	13	22.14	22.09	22.11
5	QPSK	25	0	22.10	22.15	22.12
5	16QAM	1	0	22.40	22.35	22.37
5	16QAM	1	12	22.27	22.36	22.13
5	16QAM	1	24	22.21	22.28	22.36
5	16QAM	12	0	21.07	21.00	20.99
5	16QAM	12	7	21.19	21.14	21.02
5	16QAM	12	13	21.12	21.11	21.08
5	16QAM	25	0	21.13	21.10	21.00
5	64QAM	1	0	21.36	21.33	21.34
5	64QAM	1	12	21.24	21.34	21.08
5	64QAM	1	24	21.15	21.28	21.29
5	64QAM	12	0	20.04	19.99	19.99
5	64QAM	12	7	20.11	20.09	20.01
5	64QAM	12	13	20.04	20.05	20.05
5	64QAM	25	0	20.15	20.04	19.93
5	256QAM	1	0	18.25	18.20	18.27
5	256QAM	1	12	18.08	18.25	17.98
5	256QAM	1	24	18.10	18.17	18.25
5	256QAM	12	0	17.90	18.15	17.84
5	256QAM	12	7	18.00	18.04	17.85
5	256QAM	12	13	18.03	17.96	17.94
5	256QAM	25	0	17.99	18.02	17.85



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	23.17	23.19	23.14
3	QPSK	1	8	22.94	23.06	22.91
3	QPSK	1	14	23.02	23.02	22.99
3	QPSK	8	0	22.14	22.19	22.17
3	QPSK	8	4	22.07	22.15	22.14
3	QPSK	8	7	22.18	22.13	22.15
3	QPSK	15	0	22.14	22.19	22.16
3	16QAM	1	0	22.44	22.39	22.41
3	16QAM	1	8	22.31	22.40	22.17
3	16QAM	1	14	22.25	22.32	22.40
3	16QAM	8	0	21.11	21.04	21.03
3	16QAM	8	4	21.23	21.18	21.06
3	16QAM	8	7	21.16	21.15	21.12
3	16QAM	15	0	21.17	21.14	21.04
3	64QAM	1	0	21.40	21.37	21.38
3	64QAM	1	8	21.28	21.38	21.12
3	64QAM	1	14	21.19	21.32	21.33
3	64QAM	8	0	20.08	20.03	20.03
3	64QAM	8	4	20.15	20.13	20.05
3	64QAM	8	7	20.08	20.09	20.09
3	64QAM	15	0	20.19	20.08	19.97
3	256QAM	1	0	18.29	18.24	18.31
3	256QAM	1	8	18.12	18.29	18.02
3	256QAM	1	14	18.14	18.21	18.29
3	256QAM	8	0	17.94	18.19	17.88
3	256QAM	8	4	18.04	18.08	17.89
3	256QAM	8	7	18.07	18.00	17.98
3	256QAM	15	0	18.03	18.06	17.89



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	23.19	23.21	23.16
1.4	QPSK	1	3	22.96	23.08	22.93
1.4	QPSK	1	5	23.04	23.04	23.01
1.4	QPSK	3	0	22.16	22.21	22.19
1.4	QPSK	3	1	22.09	22.17	22.16
1.4	QPSK	3	3	22.20	22.15	22.17
1.4	QPSK	6	0	22.16	22.21	22.18
1.4	16QAM	1	0	22.46	22.41	22.43
1.4	16QAM	1	3	22.33	22.42	22.19
1.4	16QAM	1	5	22.27	22.34	22.42
1.4	16QAM	3	0	21.13	21.06	21.05
1.4	16QAM	3	1	21.25	21.20	21.08
1.4	16QAM	3	3	21.18	21.17	21.14
1.4	16QAM	6	0	21.19	22.20	21.06
1.4	64QAM	1	0	21.42	21.39	21.40
1.4	64QAM	1	3	21.30	21.40	21.14
1.4	64QAM	1	5	21.21	21.34	21.35
1.4	64QAM	3	0	20.10	20.05	20.05
1.4	64QAM	3	1	20.17	20.15	20.07
1.4	64QAM	3	3	20.10	20.11	20.11
1.4	64QAM	6	0	20.21	20.23	19.99
1.4	256QAM	1	0	18.31	18.26	18.33
1.4	256QAM	1	3	18.14	18.31	18.04
1.4	256QAM	1	5	18.16	18.23	18.31
1.4	256QAM	3	0	17.96	18.21	17.90
1.4	256QAM	3	1	18.06	18.10	17.91
1.4	256QAM	3	3	18.09	18.02	18.00
1.4	256QAM	6	0	18.05	18.20	17.91



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	23.85	23.89	23.82
20	QPSK	1	49	23.61	23.67	23.60
20	QPSK	1	99	23.72	23.69	23.73
20	QPSK	50	0	22.75	22.83	22.79
20	QPSK	50	24	22.68	22.71	22.75
20	QPSK	50	50	22.79	22.82	22.80
20	QPSK	100	0	22.74	22.84	22.76
20	16QAM	1	0	22.95	22.99	22.99
20	16QAM	1	49	22.97	23.06	23.04
20	16QAM	1	99	23.00	23.07	23.05
20	16QAM	50	0	21.67	21.71	21.76
20	16QAM	50	24	21.82	21.84	21.81
20	16QAM	50	50	21.81	21.86	21.83
20	16QAM	100	0	21.80	21.72	21.86
20	64QAM	1	0	21.89	22.03	21.94
20	64QAM	1	49	21.91	22.06	21.98
20	64QAM	1	99	22.01	22.12	22.02
20	64QAM	50	0	21.02	21.06	21.16
20	64QAM	50	24	21.23	21.23	21.22
20	64QAM	50	50	21.26	21.26	21.26
20	64QAM	100	0	21.23	21.10	21.31
20	256QAM	1	0	18.79	18.93	18.84
20	256QAM	1	49	18.81	18.96	18.88
20	256QAM	1	99	18.91	19.02	18.92
20	256QAM	50	0	18.52	18.56	18.66
20	256QAM	50	24	18.73	18.90	18.72
20	256QAM	50	50	18.76	18.76	18.76
20	256QAM	100	0	18.73	18.60	18.81



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	23.67	23.71	23.64
15	QPSK	1	37	23.43	23.49	23.42
15	QPSK	1	74	23.54	23.51	23.55
15	QPSK	36	0	22.57	22.65	22.61
15	QPSK	36	20	22.50	22.53	22.57
15	QPSK	36	39	22.61	22.64	22.62
15	QPSK	75	0	22.56	22.66	22.58
15	16QAM	1	0	22.77	22.81	22.81
15	16QAM	1	37	22.79	22.88	22.86
15	16QAM	1	74	22.82	22.89	22.87
15	16QAM	36	0	21.49	21.53	21.58
15	16QAM	36	20	21.64	21.66	21.63
15	16QAM	36	39	21.63	21.68	21.65
15	16QAM	75	0	21.62	21.54	21.68
15	64QAM	1	0	21.71	21.85	21.76
15	64QAM	1	37	21.73	21.88	21.80
15	64QAM	1	74	21.83	21.94	21.84
15	64QAM	36	0	20.84	20.88	20.98
15	64QAM	36	20	21.05	21.05	21.04
15	64QAM	36	39	21.08	21.08	21.08
15	64QAM	75	0	21.05	20.92	21.13
15	256QAM	1	0	18.61	18.75	18.66
15	256QAM	1	37	18.63	18.78	18.70
15	256QAM	1	74	18.73	18.84	18.74
15	256QAM	36	0	18.34	18.38	18.48
15	256QAM	36	20	18.55	18.72	18.54
15	256QAM	36	39	18.58	18.58	18.58
15	256QAM	75	0	18.55	18.42	18.63



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	23.65	23.69	23.62
10	QPSK	1	25	23.41	23.47	23.40
10	QPSK	1	49	23.52	23.49	23.53
10	QPSK	25	0	22.55	22.63	22.59
10	QPSK	25	12	22.48	22.51	22.55
10	QPSK	25	25	22.59	22.62	22.60
10	QPSK	50	0	22.54	22.64	22.56
10	16QAM	1	0	22.75	22.79	22.79
10	16QAM	1	25	22.77	22.86	22.84
10	16QAM	1	49	22.80	22.87	22.85
10	16QAM	25	0	21.47	21.51	21.56
10	16QAM	25	12	21.62	21.64	21.61
10	16QAM	25	25	21.61	21.66	21.63
10	16QAM	50	0	21.60	21.52	21.66
10	64QAM	1	0	21.69	21.83	21.74
10	64QAM	1	25	21.71	21.86	21.78
10	64QAM	1	49	21.81	21.92	21.82
10	64QAM	25	0	20.82	20.86	20.96
10	64QAM	25	12	21.03	21.03	21.02
10	64QAM	25	25	21.06	21.06	21.06
10	64QAM	50	0	21.03	20.90	21.11
10	256QAM	1	0	18.59	18.73	18.64
10	256QAM	1	25	18.61	18.76	18.68
10	256QAM	1	49	18.71	18.82	18.72
10	256QAM	25	0	18.32	18.36	18.46
10	256QAM	25	12	18.53	18.70	18.52
10	256QAM	25	25	18.56	18.56	18.56
10	256QAM	50	0	18.53	18.40	18.61



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	23.60	23.64	23.57
5	QPSK	1	12	23.36	23.42	23.35
5	QPSK	1	24	23.47	23.44	23.48
5	QPSK	12	0	22.50	22.58	22.54
5	QPSK	12	7	22.43	22.46	22.50
5	QPSK	12	13	22.54	22.57	22.55
5	QPSK	25	0	22.49	22.59	22.51
5	16QAM	1	0	22.70	22.74	22.74
5	16QAM	1	12	22.72	22.81	22.79
5	16QAM	1	24	22.75	22.82	22.80
5	16QAM	12	0	21.42	21.46	21.51
5	16QAM	12	7	21.57	21.59	21.56
5	16QAM	12	13	21.56	21.61	21.58
5	16QAM	25	0	21.55	21.47	21.61
5	64QAM	1	0	21.64	21.78	21.69
5	64QAM	1	12	21.66	21.81	21.73
5	64QAM	1	24	21.76	21.87	21.77
5	64QAM	12	0	20.77	20.81	20.91
5	64QAM	12	7	20.98	20.98	20.97
5	64QAM	12	13	21.01	21.01	21.01
5	64QAM	25	0	20.98	20.85	21.06
5	256QAM	1	0	18.54	18.68	18.59
5	256QAM	1	12	18.56	18.71	18.63
5	256QAM	1	24	18.66	18.77	18.67
5	256QAM	12	0	18.27	18.31	18.41
5	256QAM	12	7	18.48	18.65	18.47
5	256QAM	12	13	18.51	18.51	18.51
5	256QAM	25	0	18.48	18.35	18.56

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

LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18700		18900		19100	
Frequency (MHz)				1860		1880		1900	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	22.10	0.162	22.11	0.163	22.08	0.161
20	QPSK	1	49	22.01	0.159	22.03	0.160	21.96	0.157
20	QPSK	1	99	21.93	0.156	22.00	0.158	21.97	0.157
20	QPSK	50	0	21.07	0.128	21.19	0.132	21.08	0.128
20	QPSK	50	24	21.11	0.129	21.05	0.127	21.03	0.127
20	QPSK	50	50	21.08	0.128	21.11	0.129	21.04	0.127
20	QPSK	100	0	21.11	0.129	21.12	0.129	21.01	0.126
20	16QAM	1	0	21.38	0.137	21.29	0.135	21.12	0.129
20	16QAM	1	49	21.26	0.134	21.35	0.136	21.30	0.135
20	16QAM	1	99	21.36	0.137	21.13	0.130	21.40	0.138
20	16QAM	50	0	20.07	0.102	20.02	0.100	20.06	0.101
20	16QAM	50	24	20.28	0.107	20.13	0.103	20.12	0.103
20	16QAM	50	50	20.15	0.104	20.18	0.104	20.20	0.105
20	16QAM	100	0	20.13	0.103	20.15	0.104	20.11	0.103
20	64QAM	1	0	20.23	0.105	20.37	0.109	20.32	0.108
20	64QAM	1	49	20.26	0.106	20.30	0.107	20.20	0.105
20	64QAM	1	99	20.36	0.109	20.24	0.106	20.06	0.101
20	64QAM	50	0	19.21	0.083	19.10	0.081	19.10	0.081
20	64QAM	50	24	19.04	0.080	19.05	0.080	19.12	0.082
20	64QAM	50	50	19.17	0.083	19.10	0.081	19.15	0.082
20	64QAM	100	0	19.09	0.081	19.12	0.082	19.11	0.081
20	256QAM	1	0	16.97	0.050	17.12	0.052	17.07	0.051
20	256QAM	1	49	17.00	0.050	17.05	0.051	16.95	0.050
20	256QAM	1	99	17.10	0.051	16.99	0.050	16.81	0.048
20	256QAM	50	0	16.95	0.050	16.85	0.048	16.85	0.048
20	256QAM	50	24	16.78	0.048	16.80	0.048	16.87	0.049
20	256QAM	50	50	16.91	0.049	16.85	0.048	16.90	0.049
20	256QAM	100	0	16.83	0.048	16.87	0.049	16.86	0.049



LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18675		18900		19125	
Frequency (MHz)				1857.5		1880		1902.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	22.03	0.160	22.04	0.160	22.01	0.159
15	QPSK	1	37	21.94	0.156	21.96	0.157	21.89	0.155
15	QPSK	1	74	21.86	0.153	21.93	0.156	21.90	0.155
15	QPSK	36	0	21.00	0.126	21.12	0.129	21.01	0.126
15	QPSK	36	20	21.04	0.127	20.98	0.125	20.96	0.125
15	QPSK	36	39	21.01	0.126	21.04	0.127	20.97	0.125
15	QPSK	75	0	21.04	0.127	21.05	0.127	20.94	0.124
15	16QAM	1	0	21.31	0.135	21.22	0.132	21.05	0.127
15	16QAM	1	37	21.19	0.132	21.28	0.134	21.23	0.133
15	16QAM	1	74	21.29	0.135	21.06	0.128	21.33	0.136
15	16QAM	36	0	20.00	0.100	19.95	0.099	19.99	0.100
15	16QAM	36	20	20.21	0.105	20.06	0.101	20.05	0.101
15	16QAM	36	39	20.08	0.102	20.11	0.103	20.13	0.103
15	16QAM	75	0	20.06	0.101	20.08	0.102	20.04	0.101
15	64QAM	1	0	20.16	0.104	20.30	0.107	20.25	0.106
15	64QAM	1	37	20.19	0.104	20.23	0.105	20.13	0.103
15	64QAM	1	74	20.29	0.107	20.17	0.104	19.99	0.100
15	64QAM	36	0	19.14	0.082	19.03	0.080	19.03	0.080
15	64QAM	36	20	18.97	0.079	18.98	0.079	19.05	0.080
15	64QAM	36	39	19.10	0.081	19.03	0.080	19.08	0.081
15	64QAM	75	0	19.02	0.080	19.05	0.080	19.04	0.080
15	256QAM	1	0	16.90	0.049	17.05	0.051	17.00	0.050
15	256QAM	1	37	16.93	0.049	16.98	0.050	16.88	0.049
15	256QAM	1	74	17.03	0.050	16.92	0.049	16.74	0.047
15	256QAM	36	0	16.88	0.049	16.78	0.048	16.78	0.048
15	256QAM	36	20	16.71	0.047	16.73	0.047	16.80	0.048
15	256QAM	36	39	16.84	0.048	16.78	0.048	16.83	0.048
15	256QAM	75	0	16.76	0.047	16.80	0.048	16.79	0.048



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	21.94	0.156	21.95	0.157	21.92	0.156
10	QPSK	1	25	21.85	0.153	21.87	0.154	21.80	0.151
10	QPSK	1	49	21.77	0.150	21.84	0.153	21.81	0.152
10	QPSK	25	0	20.91	0.123	21.03	0.127	20.92	0.124
10	QPSK	25	12	20.95	0.124	20.89	0.123	20.87	0.122
10	QPSK	25	25	20.92	0.124	20.95	0.124	20.88	0.122
10	QPSK	50	0	20.95	0.124	20.96	0.125	20.85	0.122
10	16QAM	1	0	21.22	0.132	21.13	0.130	20.96	0.125
10	16QAM	1	25	21.10	0.129	21.19	0.132	21.14	0.130
10	16QAM	1	49	21.20	0.132	20.97	0.125	21.24	0.133
10	16QAM	25	0	19.91	0.098	19.86	0.097	19.90	0.098
10	16QAM	25	12	20.12	0.103	19.97	0.099	19.96	0.099
10	16QAM	25	25	19.99	0.100	20.02	0.100	20.04	0.101
10	16QAM	50	0	19.97	0.099	19.99	0.100	19.95	0.099
10	64QAM	1	0	20.07	0.102	20.21	0.105	20.16	0.104
10	64QAM	1	25	20.10	0.102	20.14	0.103	20.04	0.101
10	64QAM	1	49	20.20	0.105	20.08	0.102	19.90	0.098
10	64QAM	25	0	19.05	0.080	18.94	0.078	18.94	0.078
10	64QAM	25	12	18.88	0.077	18.89	0.077	18.96	0.079
10	64QAM	25	25	19.01	0.080	18.94	0.078	18.99	0.079
10	64QAM	50	0	18.93	0.078	18.96	0.079	18.95	0.079
10	256QAM	1	0	16.81	0.048	16.96	0.050	16.91	0.049
10	256QAM	1	25	16.84	0.048	16.89	0.049	16.79	0.048
10	256QAM	1	49	16.94	0.049	16.83	0.048	16.65	0.046
10	256QAM	25	0	16.79	0.048	16.69	0.047	16.69	0.047
10	256QAM	25	12	16.62	0.046	16.64	0.046	16.71	0.047
10	256QAM	25	25	16.75	0.047	16.69	0.047	16.74	0.047
10	256QAM	50	0	16.67	0.046	16.71	0.047	16.70	0.047



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	21.91	0.155	21.92	0.156	21.89	0.155
5	QPSK	1	12	21.82	0.152	21.84	0.153	21.77	0.150
5	QPSK	1	24	21.74	0.149	21.81	0.152	21.78	0.151
5	QPSK	12	0	20.88	0.122	21.00	0.126	20.89	0.123
5	QPSK	12	7	20.92	0.124	20.86	0.122	20.84	0.121
5	QPSK	12	13	20.89	0.123	20.92	0.124	20.85	0.122
5	QPSK	25	0	20.92	0.124	20.93	0.124	20.82	0.121
5	16QAM	1	0	21.19	0.132	21.10	0.129	20.93	0.124
5	16QAM	1	12	21.07	0.128	21.16	0.131	21.11	0.129
5	16QAM	1	24	21.17	0.131	20.94	0.124	21.21	0.132
5	16QAM	12	0	19.88	0.097	19.83	0.096	19.87	0.097
5	16QAM	12	7	20.09	0.102	19.94	0.099	19.93	0.098
5	16QAM	12	13	19.96	0.099	19.99	0.100	20.01	0.100
5	16QAM	25	0	19.94	0.099	19.96	0.099	19.92	0.098
5	64QAM	1	0	20.04	0.101	20.18	0.104	20.13	0.103
5	64QAM	1	12	20.07	0.102	20.11	0.103	20.01	0.100
5	64QAM	1	24	20.17	0.104	20.05	0.101	19.87	0.097
5	64QAM	12	0	19.02	0.080	18.91	0.078	18.91	0.078
5	64QAM	12	7	18.85	0.077	18.86	0.077	18.93	0.078
5	64QAM	12	13	18.98	0.079	18.91	0.078	18.96	0.079
5	64QAM	25	0	18.90	0.078	18.93	0.078	18.92	0.078
5	256QAM	1	0	16.78	0.048	16.93	0.049	16.88	0.049
5	256QAM	1	12	16.81	0.048	16.86	0.049	16.76	0.047
5	256QAM	1	24	16.91	0.049	16.80	0.048	16.62	0.046
5	256QAM	12	0	16.76	0.047	16.66	0.046	16.66	0.046
5	256QAM	12	7	16.59	0.046	16.61	0.046	16.68	0.047
5	256QAM	12	13	16.72	0.047	16.66	0.046	16.71	0.047
5	256QAM	25	0	16.64	0.046	16.68	0.047	16.67	0.046



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	21.82	0.152	21.95	0.157	21.80	0.151
3	QPSK	1	8	21.73	0.149	21.75	0.150	21.68	0.147
3	QPSK	1	14	21.65	0.146	21.72	0.149	21.69	0.148
3	QPSK	8	0	20.79	0.120	20.91	0.123	20.80	0.120
3	QPSK	8	4	20.83	0.121	20.77	0.119	20.75	0.119
3	QPSK	8	7	20.80	0.120	20.83	0.121	20.76	0.119
3	QPSK	15	0	20.83	0.121	20.84	0.121	20.73	0.118
3	16QAM	1	0	21.10	0.129	21.01	0.126	20.84	0.121
3	16QAM	1	8	20.98	0.125	21.07	0.128	21.02	0.126
3	16QAM	1	14	21.08	0.128	20.85	0.122	21.12	0.129
3	16QAM	8	0	19.79	0.095	19.74	0.094	19.78	0.095
3	16QAM	8	4	20.00	0.100	19.85	0.097	19.84	0.096
3	16QAM	8	7	19.87	0.097	19.90	0.098	19.92	0.098
3	16QAM	15	0	19.85	0.097	19.87	0.097	19.83	0.096
3	64QAM	1	0	19.95	0.099	20.09	0.102	20.04	0.101
3	64QAM	1	8	19.98	0.100	20.02	0.100	19.92	0.098
3	64QAM	1	14	20.08	0.102	19.96	0.099	19.78	0.095
3	64QAM	8	0	18.93	0.078	18.82	0.076	18.82	0.076
3	64QAM	8	4	18.76	0.075	18.77	0.075	18.84	0.077
3	64QAM	8	7	18.89	0.077	18.82	0.076	18.87	0.077
3	64QAM	15	0	18.81	0.076	18.84	0.077	18.83	0.076
3	256QAM	1	0	16.98	0.050	17.13	0.052	17.08	0.051
3	256QAM	1	8	17.01	0.050	17.06	0.051	16.96	0.050
3	256QAM	1	14	17.11	0.051	17.00	0.050	16.82	0.048
3	256QAM	8	0	16.96	0.050	16.96	0.050	16.86	0.049
3	256QAM	8	4	16.79	0.048	16.81	0.048	16.88	0.049
3	256QAM	8	7	16.92	0.049	16.86	0.049	16.91	0.049
3	256QAM	15	0	16.84	0.048	16.88	0.049	16.87	0.049



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	21.75	0.150	21.89	0.155	21.73	0.149
1.4	QPSK	1	3	21.66	0.147	21.68	0.147	21.61	0.145
1.4	QPSK	1	5	21.58	0.144	21.65	0.146	21.62	0.145
1.4	QPSK	3	0	20.72	0.118	20.84	0.121	20.73	0.118
1.4	QPSK	3	1	20.76	0.119	20.70	0.117	20.68	0.117
1.4	QPSK	3	3	20.73	0.118	20.76	0.119	20.69	0.117
1.4	QPSK	6	0	20.76	0.119	21.10	0.129	20.66	0.116
1.4	16QAM	1	0	21.03	0.127	20.94	0.124	20.77	0.119
1.4	16QAM	1	3	20.91	0.123	21.00	0.126	20.95	0.124
1.4	16QAM	1	5	21.01	0.126	20.78	0.120	21.05	0.127
1.4	16QAM	3	0	19.72	0.094	19.67	0.093	19.71	0.094
1.4	16QAM	3	1	19.93	0.098	19.78	0.095	19.77	0.095
1.4	16QAM	3	3	19.80	0.095	19.83	0.096	19.85	0.097
1.4	16QAM	6	0	19.78	0.095	20.01	0.100	19.76	0.095
1.4	64QAM	1	0	19.88	0.097	20.02	0.100	19.97	0.099
1.4	64QAM	1	3	19.91	0.098	19.95	0.099	19.85	0.097
1.4	64QAM	1	5	20.01	0.100	19.89	0.097	19.71	0.094
1.4	64QAM	3	0	18.86	0.077	18.75	0.075	18.75	0.075
1.4	64QAM	3	1	18.69	0.074	18.70	0.074	18.77	0.075
1.4	64QAM	3	3	18.82	0.076	18.75	0.075	18.80	0.076
1.4	64QAM	6	0	18.74	0.075	19.05	0.080	18.76	0.075
1.4	256QAM	1	0	16.91	0.049	17.06	0.051	17.01	0.050
1.4	256QAM	1	3	16.94	0.049	16.99	0.050	16.89	0.049
1.4	256QAM	1	5	17.04	0.051	16.93	0.049	16.75	0.047
1.4	256QAM	3	0	16.89	0.049	16.79	0.048	16.79	0.048
1.4	256QAM	3	1	16.72	0.047	16.74	0.047	16.81	0.048
1.4	256QAM	3	3	16.85	0.048	16.79	0.048	16.84	0.048
1.4	256QAM	6	0	16.77	0.048	17.01	0.050	16.80	0.048



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20050		20175		20300	
Frequency (MHz)				1720		1732.5		1745	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	23.03	0.201	23.09	0.204	23.07	0.203
20	QPSK	1	49	23.03	0.201	23.05	0.202	22.98	0.199
20	QPSK	1	99	22.95	0.197	23.02	0.200	22.99	0.199
20	QPSK	50	0	22.09	0.162	22.21	0.166	22.10	0.162
20	QPSK	50	24	22.13	0.163	22.07	0.161	22.05	0.160
20	QPSK	50	50	22.10	0.162	22.13	0.163	22.06	0.161
20	QPSK	100	0	22.13	0.163	22.14	0.164	22.03	0.160
20	16QAM	1	0	22.40	0.174	22.31	0.170	22.14	0.164
20	16QAM	1	49	22.28	0.169	22.37	0.173	22.32	0.171
20	16QAM	1	99	22.38	0.173	22.15	0.164	22.42	0.175
20	16QAM	50	0	21.09	0.129	21.04	0.127	21.08	0.128
20	16QAM	50	24	21.30	0.135	21.15	0.130	21.14	0.130
20	16QAM	50	50	21.17	0.131	21.20	0.132	21.22	0.132
20	16QAM	100	0	21.15	0.130	21.17	0.131	21.13	0.130
20	64QAM	1	0	21.25	0.133	21.39	0.138	21.34	0.136
20	64QAM	1	49	21.28	0.134	21.32	0.136	21.22	0.132
20	64QAM	1	99	21.38	0.137	21.26	0.134	21.08	0.128
20	64QAM	50	0	20.23	0.105	20.12	0.103	20.12	0.103
20	64QAM	50	24	20.06	0.101	20.07	0.102	20.14	0.103
20	64QAM	50	50	20.19	0.104	20.12	0.103	20.17	0.104
20	64QAM	100	0	20.11	0.103	20.14	0.103	20.13	0.103
20	256QAM	1	0	17.99	0.063	18.14	0.065	18.09	0.064
20	256QAM	1	49	18.02	0.063	18.07	0.064	17.97	0.063
20	256QAM	1	99	18.12	0.065	18.01	0.063	17.83	0.061
20	256QAM	50	0	17.97	0.063	17.87	0.061	17.87	0.061
20	256QAM	50	24	17.80	0.060	17.82	0.061	17.89	0.062
20	256QAM	50	50	17.93	0.062	17.87	0.061	17.92	0.062
20	256QAM	100	0	17.85	0.061	17.89	0.062	17.88	0.061



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	22.96	0.198	23.02	0.200	23.00	0.200
15	QPSK	1	37	22.96	0.198	22.98	0.199	22.91	0.195
15	QPSK	1	74	22.88	0.194	22.95	0.197	22.92	0.196
15	QPSK	36	0	22.02	0.159	22.14	0.164	22.03	0.160
15	QPSK	36	20	22.06	0.161	22.00	0.158	21.98	0.158
15	QPSK	36	39	22.03	0.160	22.06	0.161	21.99	0.158
15	QPSK	75	0	22.06	0.161	22.07	0.161	21.96	0.157
15	16QAM	1	0	22.33	0.171	22.24	0.167	22.07	0.161
15	16QAM	1	37	22.21	0.166	22.30	0.170	22.25	0.168
15	16QAM	1	74	22.31	0.170	22.08	0.161	22.35	0.172
15	16QAM	36	0	21.02	0.126	20.97	0.125	21.01	0.126
15	16QAM	36	20	21.23	0.133	21.08	0.128	21.07	0.128
15	16QAM	36	39	21.10	0.129	21.13	0.130	21.15	0.130
15	16QAM	75	0	21.08	0.128	21.10	0.129	21.06	0.128
15	64QAM	1	0	21.18	0.131	21.32	0.136	21.27	0.134
15	64QAM	1	37	21.21	0.132	21.25	0.133	21.15	0.130
15	64QAM	1	74	21.31	0.135	21.19	0.132	21.01	0.126
15	64QAM	36	0	20.16	0.104	20.05	0.101	20.05	0.101
15	64QAM	36	20	19.99	0.100	20.00	0.100	20.07	0.102
15	64QAM	36	39	20.12	0.103	20.05	0.101	20.10	0.102
15	64QAM	75	0	20.04	0.101	20.07	0.102	20.06	0.101
15	256QAM	1	0	17.92	0.062	18.07	0.064	18.02	0.063
15	256QAM	1	37	17.95	0.062	18.00	0.063	17.90	0.062
15	256QAM	1	74	18.05	0.064	17.94	0.062	17.76	0.060
15	256QAM	36	0	17.90	0.062	17.80	0.060	17.80	0.060
15	256QAM	36	20	17.73	0.059	17.75	0.060	17.82	0.061
15	256QAM	36	39	17.86	0.061	17.80	0.060	17.85	0.061
15	256QAM	75	0	17.78	0.060	17.82	0.061	17.81	0.060



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20000		20175		20350	
Frequency (MHz)				1715		1732.5		1750	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	22.91	0.195	22.97	0.198	22.95	0.197
10	QPSK	1	25	22.91	0.195	22.93	0.196	22.86	0.193
10	QPSK	1	49	22.83	0.192	22.90	0.195	22.87	0.194
10	QPSK	25	0	21.97	0.157	22.09	0.162	21.98	0.158
10	QPSK	25	12	22.01	0.159	21.95	0.157	21.93	0.156
10	QPSK	25	25	21.98	0.158	22.01	0.159	21.94	0.156
10	QPSK	50	0	22.01	0.159	22.02	0.159	21.91	0.155
10	16QAM	1	0	22.28	0.169	22.19	0.166	22.02	0.159
10	16QAM	1	25	22.16	0.164	22.25	0.168	22.20	0.166
10	16QAM	1	49	22.26	0.168	22.03	0.160	22.30	0.170
10	16QAM	25	0	20.97	0.125	20.92	0.124	20.96	0.125
10	16QAM	25	12	21.18	0.131	21.03	0.127	21.02	0.126
10	16QAM	25	25	21.05	0.127	21.08	0.128	21.10	0.129
10	16QAM	50	0	21.03	0.127	21.05	0.127	21.01	0.126
10	64QAM	1	0	21.13	0.130	21.27	0.134	21.22	0.132
10	64QAM	1	25	21.16	0.131	21.20	0.132	21.10	0.129
10	64QAM	1	49	21.26	0.134	21.14	0.130	20.96	0.125
10	64QAM	25	0	20.11	0.103	20.00	0.100	20.00	0.100
10	64QAM	25	12	19.94	0.099	19.95	0.099	20.02	0.100
10	64QAM	25	25	20.07	0.102	20.00	0.100	20.05	0.101
10	64QAM	50	0	19.99	0.100	20.02	0.100	20.01	0.100
10	256QAM	1	0	17.87	0.061	18.02	0.063	17.97	0.063
10	256QAM	1	25	17.90	0.062	17.95	0.062	17.85	0.061
10	256QAM	1	49	18.00	0.063	17.89	0.062	17.71	0.059
10	256QAM	25	0	17.85	0.061	17.75	0.060	17.75	0.060
10	256QAM	25	12	17.68	0.059	17.70	0.059	17.77	0.060
10	256QAM	25	25	17.81	0.060	17.75	0.060	17.80	0.060
10	256QAM	50	0	17.73	0.059	17.77	0.060	17.76	0.060



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				19975		20175		20375	
Frequency (MHz)				1712.5		1732.5		1752.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	23.00	0.200	23.06	0.202	23.04	0.201
5	QPSK	1	12	23.00	0.200	23.02	0.200	22.95	0.197
5	QPSK	1	24	22.92	0.196	22.99	0.199	22.96	0.198
5	QPSK	12	0	22.06	0.161	22.18	0.165	22.07	0.161
5	QPSK	12	7	22.10	0.162	22.04	0.160	22.02	0.159
5	QPSK	12	13	22.07	0.161	22.10	0.162	22.03	0.160
5	QPSK	25	0	22.10	0.162	22.11	0.163	22.00	0.158
5	16QAM	1	0	22.37	0.173	22.28	0.169	22.11	0.163
5	16QAM	1	12	22.25	0.168	22.34	0.171	22.29	0.169
5	16QAM	1	24	22.35	0.172	22.12	0.163	22.39	0.173
5	16QAM	12	0	21.06	0.128	21.01	0.126	21.05	0.127
5	16QAM	12	7	21.27	0.134	21.12	0.129	21.11	0.129
5	16QAM	12	13	21.14	0.130	21.17	0.131	21.19	0.132
5	16QAM	25	0	21.12	0.129	21.14	0.130	21.10	0.129
5	64QAM	1	0	21.22	0.132	21.36	0.137	21.31	0.135
5	64QAM	1	12	21.25	0.133	21.29	0.135	21.19	0.132
5	64QAM	1	24	21.35	0.136	21.23	0.133	21.05	0.127
5	64QAM	12	0	20.20	0.105	20.09	0.102	20.09	0.102
5	64QAM	12	7	20.03	0.101	20.04	0.101	20.11	0.103
5	64QAM	12	13	20.16	0.104	20.09	0.102	20.14	0.103
5	64QAM	25	0	20.08	0.102	20.11	0.103	20.10	0.102
5	256QAM	1	0	17.96	0.063	18.11	0.065	18.06	0.064
5	256QAM	1	12	17.99	0.063	18.04	0.064	17.94	0.062
5	256QAM	1	24	18.09	0.064	17.98	0.063	17.80	0.060
5	256QAM	12	0	17.94	0.062	17.84	0.061	17.84	0.061
5	256QAM	12	7	17.77	0.060	17.79	0.060	17.86	0.061
5	256QAM	12	13	17.90	0.062	17.84	0.061	17.89	0.062
5	256QAM	25	0	17.82	0.061	17.86	0.061	17.85	0.061



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	22.96	0.198	23.02	0.200	23.00	0.200
3	QPSK	1	8	22.96	0.198	22.98	0.199	22.91	0.195
3	QPSK	1	14	22.88	0.194	22.95	0.197	22.92	0.196
3	QPSK	8	0	22.02	0.159	22.14	0.164	22.03	0.160
3	QPSK	8	4	22.06	0.161	22.00	0.158	21.98	0.158
3	QPSK	8	7	22.03	0.160	22.06	0.161	21.99	0.158
3	QPSK	15	0	22.06	0.161	22.07	0.161	21.96	0.157
3	16QAM	1	0	22.33	0.171	22.24	0.167	22.07	0.161
3	16QAM	1	8	22.21	0.166	22.30	0.170	22.25	0.168
3	16QAM	1	14	22.31	0.170	22.08	0.161	22.35	0.172
3	16QAM	8	0	21.02	0.126	20.97	0.125	21.01	0.126
3	16QAM	8	4	21.23	0.133	21.08	0.128	21.07	0.128
3	16QAM	8	7	21.10	0.129	21.13	0.130	21.15	0.130
3	16QAM	15	0	21.08	0.128	21.10	0.129	21.06	0.128
3	64QAM	1	0	21.18	0.131	21.32	0.136	21.27	0.134
3	64QAM	1	8	21.21	0.132	21.25	0.133	21.15	0.130
3	64QAM	1	14	21.31	0.135	21.19	0.132	21.01	0.126
3	64QAM	8	0	20.16	0.104	20.05	0.101	20.05	0.101
3	64QAM	8	4	19.99	0.100	20.00	0.100	20.07	0.102
3	64QAM	8	7	20.12	0.103	20.05	0.101	20.10	0.102
3	64QAM	15	0	20.04	0.101	20.07	0.102	20.06	0.101
3	256QAM	1	0	17.92	0.062	18.07	0.064	18.02	0.063
3	256QAM	1	8	17.95	0.062	18.00	0.063	17.90	0.062
3	256QAM	1	14	18.05	0.064	17.94	0.062	17.76	0.060
3	256QAM	8	0	17.90	0.062	17.80	0.060	17.80	0.060
3	256QAM	8	4	17.73	0.059	17.75	0.060	17.82	0.061
3	256QAM	8	7	17.86	0.061	17.80	0.060	17.85	0.061
3	256QAM	15	0	17.78	0.060	17.82	0.061	17.81	0.060



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				19957		20175		20393	
Frequency (MHz)				1710.7		1732.5		1754.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	22.87	0.194	22.93	0.196	22.91	0.195
1.4	QPSK	1	3	22.87	0.194	22.89	0.195	22.82	0.191
1.4	QPSK	1	5	22.79	0.190	22.86	0.193	22.83	0.192
1.4	QPSK	3	0	21.93	0.156	22.05	0.160	21.94	0.156
1.4	QPSK	3	1	21.97	0.157	21.91	0.155	21.89	0.155
1.4	QPSK	3	3	21.94	0.156	21.97	0.157	21.90	0.155
1.4	QPSK	6	0	21.97	0.157	21.98	0.158	21.87	0.154
1.4	16QAM	1	0	22.24	0.167	22.15	0.164	21.98	0.158
1.4	16QAM	1	3	22.12	0.163	22.21	0.166	22.16	0.164
1.4	16QAM	1	5	22.22	0.167	21.99	0.158	22.26	0.168
1.4	16QAM	3	0	20.93	0.124	20.88	0.122	20.92	0.124
1.4	16QAM	3	1	21.14	0.130	20.99	0.126	20.98	0.125
1.4	16QAM	3	3	21.01	0.126	21.04	0.127	21.06	0.128
1.4	16QAM	6	0	20.99	0.126	21.01	0.126	20.97	0.125
1.4	64QAM	1	0	21.09	0.129	21.23	0.133	21.18	0.131
1.4	64QAM	1	3	21.12	0.129	21.16	0.131	21.06	0.128
1.4	64QAM	1	5	21.22	0.132	21.10	0.129	20.92	0.124
1.4	64QAM	3	0	20.07	0.102	19.96	0.099	19.96	0.099
1.4	64QAM	3	1	19.90	0.098	19.91	0.098	19.98	0.100
1.4	64QAM	3	3	20.03	0.101	19.96	0.099	20.01	0.100
1.4	64QAM	6	0	19.95	0.099	19.98	0.100	19.97	0.099
1.4	256QAM	1	0	17.83	0.061	17.98	0.063	17.93	0.062
1.4	256QAM	1	3	17.86	0.061	17.91	0.062	17.81	0.060
1.4	256QAM	1	5	17.96	0.063	17.85	0.061	17.67	0.058
1.4	256QAM	3	0	17.81	0.060	17.71	0.059	17.71	0.059
1.4	256QAM	3	1	17.64	0.058	17.66	0.058	17.73	0.059
1.4	256QAM	3	3	17.77	0.060	17.71	0.059	17.76	0.060
1.4	256QAM	6	0	17.69	0.059	17.90	0.062	17.72	0.059



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	21.04	0.127	21.20	0.132	21.16	0.131
10	QPSK	1	25	21.09	0.129	21.12	0.129	21.01	0.126
10	QPSK	1	49	21.01	0.126	21.08	0.128	20.83	0.121
10	QPSK	25	0	20.19	0.104	20.27	0.106	20.13	0.103
10	QPSK	25	12	20.26	0.106	20.23	0.105	20.18	0.104
10	QPSK	25	25	20.18	0.104	20.14	0.103	20.17	0.104
10	QPSK	50	0	20.07	0.102	20.09	0.102	20.06	0.101
10	16QAM	1	0	20.16	0.104	20.06	0.101	20.02	0.100
10	16QAM	1	25	20.15	0.104	20.33	0.108	20.19	0.104
10	16QAM	1	49	20.12	0.103	20.13	0.103	20.05	0.101
10	16QAM	25	0	19.11	0.081	19.02	0.080	18.99	0.079
10	16QAM	25	12	19.03	0.080	18.99	0.079	18.96	0.079
10	16QAM	25	25	19.11	0.081	19.07	0.081	19.02	0.080
10	16QAM	50	0	19.15	0.082	19.01	0.080	18.98	0.079
10	64QAM	1	0	19.17	0.083	19.24	0.084	19.13	0.082
10	64QAM	1	25	19.04	0.080	19.02	0.080	19.08	0.081
10	64QAM	1	49	19.19	0.083	18.99	0.079	19.15	0.082
10	64QAM	25	0	18.14	0.065	18.07	0.064	18.02	0.063
10	64QAM	25	12	18.22	0.066	18.02	0.063	18.07	0.064
10	64QAM	25	25	18.06	0.064	18.07	0.064	18.02	0.063
10	64QAM	50	0	18.07	0.064	18.04	0.064	18.06	0.064
10	256QAM	1	0	15.56	0.036	15.63	0.037	15.52	0.001
10	256QAM	1	25	15.43	0.035	15.41	0.035	15.47	0.001
10	256QAM	1	49	15.58	0.036	15.38	0.035	15.54	0.001
10	256QAM	25	0	15.53	0.036	15.46	0.035	15.41	0.001
10	256QAM	25	12	15.61	0.036	15.41	0.035	15.46	0.001
10	256QAM	25	25	15.45	0.035	15.46	0.035	15.41	0.001
10	256QAM	50	0	15.46	0.035	15.43	0.035	15.45	0.001



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	20.97	0.125	21.13	0.130	21.09	0.129
5	QPSK	1	12	21.02	0.126	21.05	0.127	20.94	0.124
5	QPSK	1	24	20.94	0.124	21.01	0.126	20.76	0.119
5	QPSK	12	0	20.12	0.103	20.20	0.105	20.06	0.101
5	QPSK	12	7	20.19	0.104	20.16	0.104	20.11	0.103
5	QPSK	12	13	20.11	0.103	20.07	0.102	20.10	0.102
5	QPSK	25	0	20.00	0.100	20.02	0.100	19.99	0.100
5	16QAM	1	0	20.09	0.102	19.99	0.100	19.95	0.099
5	16QAM	1	12	20.08	0.102	20.26	0.106	20.12	0.103
5	16QAM	1	24	20.05	0.101	20.06	0.101	19.98	0.100
5	16QAM	12	0	19.04	0.080	18.95	0.079	18.92	0.078
5	16QAM	12	7	18.96	0.079	18.92	0.078	18.89	0.077
5	16QAM	12	13	19.04	0.080	19.00	0.079	18.95	0.079
5	16QAM	25	0	19.08	0.081	18.94	0.078	18.91	0.078
5	64QAM	1	0	19.10	0.081	19.17	0.083	19.06	0.081
5	64QAM	1	12	18.97	0.079	18.95	0.079	19.01	0.080
5	64QAM	1	24	19.12	0.082	18.92	0.078	19.08	0.081
5	64QAM	12	0	18.07	0.064	18.00	0.063	17.95	0.062
5	64QAM	12	7	18.15	0.065	17.95	0.062	18.00	0.063
5	64QAM	12	13	17.99	0.063	18.00	0.063	17.95	0.062
5	64QAM	25	0	18.00	0.063	17.97	0.063	17.99	0.063
5	256QAM	1	0	15.49	0.035	15.56	0.036	15.45	0.001
5	256QAM	1	12	15.36	0.034	15.34	0.034	15.40	0.001
5	256QAM	1	24	15.51	0.036	15.31	0.034	15.47	0.001
5	256QAM	12	0	15.46	0.035	15.39	0.035	15.34	0.001
5	256QAM	12	7	15.54	0.036	15.34	0.034	15.39	0.001
5	256QAM	12	13	15.38	0.035	15.39	0.035	15.34	0.001
5	256QAM	25	0	15.39	0.035	15.36	0.034	15.38	0.001



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	20.94	0.124	21.10	0.129	21.06	0.128
3	QPSK	1	8	20.99	0.126	21.02	0.126	20.91	0.123
3	QPSK	1	14	20.91	0.123	20.98	0.125	20.73	0.118
3	QPSK	8	0	20.09	0.102	20.17	0.104	20.03	0.101
3	QPSK	8	4	20.16	0.104	20.13	0.103	20.08	0.102
3	QPSK	8	7	20.08	0.102	20.04	0.101	20.07	0.102
3	QPSK	15	0	19.97	0.099	19.99	0.100	19.96	0.099
3	16QAM	1	0	20.06	0.101	19.96	0.099	19.92	0.098
3	16QAM	1	8	20.05	0.101	20.23	0.105	20.09	0.102
3	16QAM	1	14	20.02	0.100	20.03	0.101	19.95	0.099
3	16QAM	8	0	19.01	0.080	18.92	0.078	18.89	0.077
3	16QAM	8	4	18.93	0.078	18.89	0.077	18.86	0.077
3	16QAM	8	7	19.01	0.080	18.97	0.079	18.92	0.078
3	16QAM	15	0	19.05	0.080	18.91	0.078	18.88	0.077
3	64QAM	1	0	19.07	0.081	19.14	0.082	19.03	0.080
3	64QAM	1	8	18.94	0.078	18.92	0.078	18.98	0.079
3	64QAM	1	14	19.09	0.081	18.89	0.077	19.05	0.080
3	64QAM	8	0	18.04	0.064	17.97	0.063	17.92	0.062
3	64QAM	8	4	18.12	0.065	17.92	0.062	17.97	0.063
3	64QAM	8	7	17.96	0.063	17.97	0.063	17.92	0.062
3	64QAM	15	0	17.97	0.063	17.94	0.062	17.96	0.063
3	256QAM	1	0	15.46	0.035	15.53	0.036	15.42	0.001
3	256QAM	1	8	15.33	0.034	15.31	0.034	15.37	0.001
3	256QAM	1	14	15.48	0.035	15.28	0.034	15.44	0.001
3	256QAM	8	0	15.43	0.035	15.36	0.034	15.31	0.001
3	256QAM	8	4	15.51	0.036	15.31	0.034	15.36	0.001
3	256QAM	8	7	15.35	0.034	15.36	0.034	15.31	0.001
3	256QAM	15	0	15.36	0.034	15.33	0.034	15.35	0.001



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	20.85	0.122	21.01	0.126	20.97	0.125
1.4	QPSK	1	3	20.90	0.123	20.93	0.124	20.82	0.121
1.4	QPSK	1	5	20.82	0.121	20.89	0.123	20.64	0.116
1.4	QPSK	3	0	20.00	0.100	20.08	0.102	19.94	0.099
1.4	QPSK	3	1	20.07	0.102	20.04	0.101	19.99	0.100
1.4	QPSK	3	3	19.99	0.100	19.95	0.099	19.98	0.100
1.4	QPSK	6	0	19.88	0.097	19.90	0.098	19.87	0.097
1.4	16QAM	1	0	19.97	0.099	19.87	0.097	19.83	0.096
1.4	16QAM	1	3	19.96	0.099	20.14	0.103	20.00	0.100
1.4	16QAM	1	5	19.93	0.098	19.94	0.099	19.86	0.097
1.4	16QAM	3	0	18.92	0.078	18.83	0.076	18.80	0.076
1.4	16QAM	3	1	18.84	0.077	18.80	0.076	18.77	0.075
1.4	16QAM	3	3	18.92	0.078	18.88	0.077	18.83	0.076
1.4	16QAM	6	0	18.96	0.079	18.82	0.076	18.79	0.076
1.4	64QAM	1	0	18.98	0.079	19.05	0.080	18.94	0.078
1.4	64QAM	1	3	18.85	0.077	18.83	0.076	18.89	0.077
1.4	64QAM	1	5	19.00	0.079	18.80	0.076	18.96	0.079
1.4	64QAM	3	0	17.95	0.062	17.88	0.061	17.83	0.061
1.4	64QAM	3	1	18.03	0.064	17.83	0.061	17.88	0.061
1.4	64QAM	3	3	17.87	0.061	17.88	0.061	17.83	0.061
1.4	64QAM	6	0	17.88	0.061	17.85	0.061	18.07	0.064
1.4	256QAM	1	0	15.37	0.034	15.44	0.035	15.33	0.001
1.4	256QAM	1	3	15.24	0.033	15.22	0.033	15.28	0.001
1.4	256QAM	1	5	15.39	0.035	15.19	0.033	15.35	0.001
1.4	256QAM	3	0	15.34	0.034	15.27	0.034	15.22	0.001
1.4	256QAM	3	1	15.42	0.035	15.22	0.033	15.27	0.001
1.4	256QAM	3	3	15.26	0.034	15.27	0.034	15.22	0.001
1.4	256QAM	6	0	15.27	0.034	15.50	0.035	15.26	0.001



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	22.00	0.158	22.06	0.161	21.91	0.155
10	QPSK	1	25	21.93	0.156	21.96	0.157	21.85	0.153
10	QPSK	1	49	21.85	0.153	21.92	0.156	21.67	0.147
10	QPSK	25	0	21.03	0.127	21.11	0.129	20.97	0.125
10	QPSK	25	12	21.10	0.129	21.07	0.128	21.02	0.126
10	QPSK	25	25	21.02	0.126	20.98	0.125	21.01	0.126
10	QPSK	50	0	20.91	0.123	20.93	0.124	20.90	0.123
10	16QAM	1	0	21.00	0.126	20.90	0.123	20.86	0.122
10	16QAM	1	25	20.99	0.126	21.17	0.131	21.03	0.127
10	16QAM	1	49	20.96	0.125	20.97	0.125	20.89	0.123
10	16QAM	25	0	19.95	0.099	19.86	0.097	19.83	0.096
10	16QAM	25	12	19.87	0.097	19.83	0.096	19.80	0.095
10	16QAM	25	25	19.95	0.099	19.91	0.098	19.86	0.097
10	16QAM	50	0	19.99	0.100	19.85	0.097	19.82	0.096
10	64QAM	1	0	20.01	0.100	20.08	0.102	19.97	0.099
10	64QAM	1	25	19.88	0.097	19.86	0.097	19.92	0.098
10	64QAM	1	49	20.03	0.101	19.83	0.096	19.99	0.100
10	64QAM	25	0	18.98	0.079	18.91	0.078	18.86	0.077
10	64QAM	25	12	19.06	0.081	18.86	0.077	18.91	0.078
10	64QAM	25	25	18.90	0.078	18.91	0.078	18.86	0.077
10	64QAM	50	0	18.91	0.078	18.88	0.077	18.90	0.078
10	256QAM	1	0	16.79	0.048	16.86	0.049	16.75	0.047
10	256QAM	1	25	16.66	0.046	16.64	0.046	16.70	0.047
10	256QAM	1	49	16.81	0.048	16.61	0.046	16.77	0.048
10	256QAM	25	0	16.76	0.047	16.69	0.047	16.64	0.046
10	256QAM	25	12	16.84	0.048	16.64	0.046	16.69	0.047
10	256QAM	25	25	16.68	0.047	16.69	0.047	16.64	0.046
10	256QAM	50	0	16.69	0.047	16.66	0.046	16.68	0.047



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	21.83	0.152	21.89	0.155	21.74	0.149
5	QPSK	1	12	21.76	0.150	21.79	0.151	21.68	0.147
5	QPSK	1	24	21.68	0.147	21.75	0.150	21.50	0.141
5	QPSK	12	0	20.86	0.122	20.94	0.124	20.80	0.120
5	QPSK	12	7	20.93	0.124	20.90	0.123	20.85	0.122
5	QPSK	12	13	20.85	0.122	20.81	0.121	20.84	0.121
5	QPSK	25	0	20.74	0.119	20.76	0.119	20.73	0.118
5	16QAM	1	0	20.83	0.121	20.73	0.118	20.87	0.122
5	16QAM	1	12	20.82	0.121	21.00	0.126	20.86	0.122
5	16QAM	1	24	20.79	0.120	20.80	0.120	20.72	0.118
5	16QAM	12	0	19.78	0.095	19.69	0.093	19.90	0.098
5	16QAM	12	7	19.70	0.093	19.66	0.092	19.63	0.092
5	16QAM	12	13	19.78	0.095	19.74	0.094	19.69	0.093
5	16QAM	25	0	19.82	0.096	19.68	0.093	19.65	0.092
5	64QAM	1	0	19.84	0.096	19.91	0.098	19.80	0.095
5	64QAM	1	12	19.71	0.094	19.69	0.093	19.75	0.094
5	64QAM	1	24	19.86	0.097	19.66	0.092	19.82	0.096
5	64QAM	12	0	18.81	0.076	18.88	0.077	18.69	0.074
5	64QAM	12	7	18.89	0.077	18.69	0.074	18.74	0.075
5	64QAM	12	13	18.73	0.075	18.74	0.075	18.69	0.074
5	64QAM	25	0	18.74	0.075	18.71	0.074	18.73	0.075
5	256QAM	1	0	16.72	0.047	16.79	0.048	16.68	0.047
5	256QAM	1	12	16.59	0.046	16.57	0.045	16.63	0.046
5	256QAM	1	24	16.74	0.047	16.54	0.045	16.70	0.047
5	256QAM	12	0	16.69	0.047	16.86	0.049	16.57	0.045
5	256QAM	12	7	16.77	0.048	16.57	0.045	16.62	0.046
5	256QAM	12	13	16.61	0.046	16.62	0.046	16.57	0.045
5	256QAM	25	0	16.62	0.046	16.59	0.046	16.61	0.046



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	21.74	0.149	21.80	0.151	21.65	0.146
3	QPSK	1	8	21.67	0.147	21.70	0.148	21.59	0.144
3	QPSK	1	14	21.59	0.144	21.66	0.147	21.41	0.138
3	QPSK	8	0	20.77	0.119	20.85	0.122	20.71	0.118
3	QPSK	8	4	20.84	0.121	20.81	0.121	20.76	0.119
3	QPSK	8	7	20.76	0.119	20.72	0.118	20.75	0.119
3	QPSK	15	0	20.65	0.116	20.67	0.117	20.64	0.116
3	16QAM	1	0	20.74	0.119	20.64	0.116	20.60	0.115
3	16QAM	1	8	20.73	0.118	20.91	0.123	20.77	0.119
3	16QAM	1	14	20.70	0.117	20.71	0.118	20.63	0.116
3	16QAM	8	0	19.69	0.093	19.84	0.096	19.57	0.091
3	16QAM	8	4	19.61	0.091	19.57	0.091	19.54	0.090
3	16QAM	8	7	19.69	0.093	19.65	0.092	19.60	0.091
3	16QAM	15	0	19.73	0.094	19.59	0.091	19.56	0.090
3	64QAM	1	0	19.75	0.094	19.82	0.096	19.71	0.094
3	64QAM	1	8	19.62	0.092	19.60	0.091	19.66	0.092
3	64QAM	1	14	19.77	0.095	19.57	0.091	19.73	0.094
3	64QAM	8	0	18.72	0.074	18.91	0.078	18.60	0.072
3	64QAM	8	4	18.80	0.076	18.60	0.072	18.65	0.073
3	64QAM	8	7	18.64	0.073	18.65	0.073	18.60	0.072
3	64QAM	15	0	18.65	0.073	18.62	0.073	18.64	0.073
3	256QAM	1	0	16.63	0.046	16.76	0.047	16.59	0.046
3	256QAM	1	8	16.50	0.045	16.48	0.044	16.54	0.045
3	256QAM	1	14	16.65	0.046	16.45	0.044	16.61	0.046
3	256QAM	8	0	16.60	0.046	16.85	0.048	16.48	0.044
3	256QAM	8	4	16.68	0.047	16.48	0.044	16.53	0.045
3	256QAM	8	7	16.52	0.045	16.53	0.045	16.48	0.044
3	256QAM	15	0	16.53	0.045	16.50	0.045	16.52	0.045



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	21.65	0.146	21.81	0.152	21.56	0.143
1.4	QPSK	1	3	21.58	0.144	21.61	0.145	21.50	0.141
1.4	QPSK	1	5	21.50	0.141	21.57	0.144	21.32	0.136
1.4	QPSK	3	0	20.68	0.117	20.76	0.119	20.62	0.115
1.4	QPSK	3	1	20.75	0.119	20.72	0.118	20.67	0.117
1.4	QPSK	3	3	20.67	0.117	20.63	0.116	20.66	0.116
1.4	QPSK	6	0	20.56	0.114	20.85	0.122	20.55	0.114
1.4	16QAM	1	0	20.65	0.116	20.90	0.123	20.51	0.112
1.4	16QAM	1	3	20.64	0.116	20.82	0.121	20.68	0.117
1.4	16QAM	1	5	20.61	0.115	20.62	0.115	20.54	0.113
1.4	16QAM	3	0	19.60	0.091	19.51	0.089	19.48	0.089
1.4	16QAM	3	1	19.52	0.090	19.48	0.089	19.45	0.088
1.4	16QAM	3	3	19.60	0.091	19.56	0.090	19.51	0.089
1.4	16QAM	6	0	19.64	0.092	19.88	0.097	19.47	0.089
1.4	64QAM	1	0	19.66	0.092	19.73	0.094	19.62	0.092
1.4	64QAM	1	3	19.53	0.090	19.51	0.089	19.57	0.091
1.4	64QAM	1	5	19.68	0.093	19.48	0.089	19.64	0.092
1.4	64QAM	3	0	18.63	0.073	18.56	0.072	18.51	0.071
1.4	64QAM	3	1	18.71	0.074	18.51	0.071	18.56	0.072
1.4	64QAM	3	3	18.55	0.072	18.56	0.072	18.51	0.071
1.4	64QAM	6	0	18.56	0.072	18.84	0.077	18.55	0.072
1.4	256QAM	1	0	16.54	0.045	16.86	0.049	16.50	0.045
1.4	256QAM	1	3	16.41	0.044	16.39	0.044	16.45	0.044
1.4	256QAM	1	5	16.56	0.045	16.36	0.043	16.52	0.045
1.4	256QAM	3	0	16.51	0.045	16.44	0.044	16.39	0.044
1.4	256QAM	3	1	16.59	0.046	16.39	0.044	16.44	0.044
1.4	256QAM	3	3	16.43	0.044	16.44	0.044	16.39	0.044
1.4	256QAM	6	0	16.44	0.044	16.87	0.049	16.43	0.044



LTE Band 17				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23780		23790		23800	
Frequency (MHz)				709		710		711	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	21.96	0.157	22.01	0.159	21.98	0.158
10	QPSK	1	25	21.84	0.153	21.87	0.154	21.84	0.153
10	QPSK	1	49	21.76	0.150	21.82	0.152	21.84	0.153
10	QPSK	25	0	20.95	0.124	20.95	0.124	20.96	0.125
10	QPSK	25	12	20.89	0.123	20.93	0.124	20.89	0.123
10	QPSK	25	25	20.92	0.124	20.88	0.122	20.88	0.122
10	QPSK	50	0	20.93	0.124	20.93	0.124	20.88	0.122
10	16QAM	1	0	21.06	0.128	21.21	0.132	20.90	0.123
10	16QAM	1	25	20.85	0.122	20.92	0.124	20.96	0.125
10	16QAM	1	49	21.04	0.127	21.05	0.127	21.09	0.129
10	16QAM	25	0	19.96	0.099	20.01	0.100	19.87	0.097
10	16QAM	25	12	20.02	0.100	20.00	0.100	20.02	0.100
10	16QAM	25	25	20.01	0.100	19.94	0.099	19.93	0.098
10	16QAM	50	0	19.88	0.097	19.91	0.098	19.91	0.098
10	64QAM	1	0	19.90	0.098	20.13	0.103	19.98	0.100
10	64QAM	1	25	20.13	0.103	20.17	0.104	20.06	0.101
10	64QAM	1	49	20.02	0.100	20.00	0.100	19.97	0.099
10	64QAM	25	0	18.86	0.077	18.98	0.079	18.86	0.077
10	64QAM	25	12	18.87	0.077	18.95	0.079	18.91	0.078
10	64QAM	25	25	18.92	0.078	18.97	0.079	18.97	0.079
10	64QAM	50	0	18.93	0.078	18.89	0.077	18.92	0.078
10	256QAM	1	0	16.48	0.044	16.71	0.047	16.57	0.045
10	256QAM	1	25	16.72	0.047	16.79	0.048	16.66	0.046
10	256QAM	1	49	16.61	0.046	16.57	0.045	16.56	0.045
10	256QAM	25	0	16.45	0.044	16.59	0.046	16.47	0.044
10	256QAM	25	12	16.44	0.044	16.50	0.045	16.52	0.045
10	256QAM	25	25	16.56	0.045	16.59	0.046	16.55	0.045
10	256QAM	50	0	16.49	0.045	16.45	0.044	16.49	0.045



LTE Band 17				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23755		23790		23825	
Frequency (MHz)				706.5		710		713.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	21.74	0.149	21.89	0.155	21.86	0.153
5	QPSK	1	12	21.72	0.149	21.79	0.151	21.77	0.150
5	QPSK	1	24	21.69	0.148	21.75	0.150	21.76	0.150
5	QPSK	12	0	20.87	0.122	20.84	0.121	20.87	0.122
5	QPSK	12	7	20.78	0.120	20.84	0.121	20.79	0.120
5	QPSK	12	13	20.81	0.121	20.80	0.120	20.78	0.120
5	QPSK	25	0	20.87	0.122	20.82	0.121	20.82	0.121
5	16QAM	1	0	20.96	0.125	21.12	0.129	20.82	0.121
5	16QAM	1	12	20.73	0.118	20.83	0.121	20.85	0.122
5	16QAM	1	24	20.96	0.125	20.95	0.124	21.03	0.127
5	16QAM	12	0	19.85	0.097	19.90	0.098	19.80	0.095
5	16QAM	12	7	19.91	0.098	19.93	0.098	19.92	0.098
5	16QAM	12	13	19.90	0.098	19.85	0.097	19.83	0.096
5	16QAM	25	0	19.78	0.095	19.80	0.095	19.85	0.097
5	64QAM	1	0	19.78	0.095	20.05	0.101	19.92	0.098
5	64QAM	1	12	20.06	0.101	20.05	0.101	19.96	0.099
5	64QAM	1	24	19.95	0.099	19.92	0.098	19.86	0.097
5	64QAM	12	0	18.80	0.076	18.91	0.078	18.75	0.075
5	64QAM	12	7	18.77	0.075	18.85	0.077	18.81	0.076
5	64QAM	12	13	18.82	0.076	18.88	0.077	18.87	0.077
5	64QAM	25	0	18.83	0.076	18.82	0.076	18.84	0.077
5	256QAM	1	0	16.38	0.043	16.64	0.046	16.49	0.045
5	256QAM	1	12	16.65	0.046	16.68	0.047	16.57	0.045
5	256QAM	1	24	16.53	0.045	16.51	0.045	16.49	0.045
5	256QAM	12	0	16.38	0.043	16.47	0.044	16.38	0.043
5	256QAM	12	7	16.33	0.043	16.44	0.044	16.45	0.044
5	256QAM	12	13	16.44	0.044	16.51	0.045	16.49	0.045
5	256QAM	25	0	16.42	0.044	16.39	0.044	16.40	0.044



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	22.05	0.160	22.17	0.165	22.12	0.163
20	QPSK	1	49	22.03	0.160	22.00	0.158	21.97	0.157
20	QPSK	1	99	22.01	0.159	21.92	0.156	21.90	0.155
20	QPSK	50	0	21.18	0.131	21.19	0.132	21.16	0.131
20	QPSK	50	24	21.15	0.130	21.11	0.129	21.13	0.130
20	QPSK	50	50	21.14	0.130	21.05	0.127	21.07	0.128
20	QPSK	100	0	21.13	0.130	21.14	0.130	21.13	0.130
20	16QAM	1	0	21.06	0.128	21.06	0.128	21.08	0.128
20	16QAM	1	49	21.15	0.130	21.12	0.129	21.11	0.129
20	16QAM	1	99	20.97	0.125	21.09	0.129	21.10	0.129
20	16QAM	50	0	20.18	0.104	20.03	0.101	20.04	0.101
20	16QAM	50	24	20.08	0.102	20.07	0.102	19.97	0.099
20	16QAM	50	50	20.03	0.101	20.01	0.100	20.02	0.100
20	16QAM	100	0	20.02	0.100	20.11	0.103	20.01	0.100
20	64QAM	1	0	20.09	0.102	20.10	0.102	20.03	0.101
20	64QAM	1	49	20.04	0.101	20.06	0.101	20.13	0.103
20	64QAM	1	99	20.11	0.103	20.08	0.102	20.06	0.101
20	64QAM	50	0	19.07	0.081	19.02	0.080	19.05	0.080
20	64QAM	50	24	19.07	0.081	19.13	0.082	19.04	0.080
20	64QAM	50	50	18.98	0.079	19.04	0.080	18.98	0.079
20	64QAM	100	0	19.13	0.082	19.12	0.082	18.92	0.078
20	256QAM	1	0	17.16	0.052	17.17	0.052	17.10	0.051
20	256QAM	1	49	17.11	0.051	17.13	0.052	17.20	0.052
20	256QAM	1	99	17.18	0.052	17.15	0.052	17.13	0.052
20	256QAM	50	0	17.14	0.052	17.09	0.051	17.12	0.052
20	256QAM	50	24	17.14	0.052	17.20	0.052	17.11	0.051
20	256QAM	50	50	17.05	0.051	17.11	0.051	17.05	0.051
20	256QAM	100	0	17.20	0.052	17.19	0.052	16.99	0.050



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	21.97	0.157	22.09	0.162	22.04	0.160
15	QPSK	1	37	21.95	0.157	21.92	0.156	21.89	0.155
15	QPSK	1	74	21.93	0.156	21.84	0.153	21.82	0.152
15	QPSK	36	0	21.10	0.129	21.11	0.129	21.08	0.128
15	QPSK	36	20	21.07	0.128	21.03	0.127	21.05	0.127
15	QPSK	36	39	21.06	0.128	20.97	0.125	20.99	0.126
15	QPSK	75	0	21.05	0.127	21.06	0.128	21.05	0.127
15	16QAM	1	0	20.98	0.125	20.98	0.125	21.00	0.126
15	16QAM	1	37	21.07	0.128	21.04	0.127	21.03	0.127
15	16QAM	1	74	20.89	0.123	21.01	0.126	21.02	0.126
15	16QAM	36	0	20.10	0.102	19.95	0.099	19.96	0.099
15	16QAM	36	20	20.00	0.100	19.99	0.100	19.89	0.097
15	16QAM	36	39	19.95	0.099	19.93	0.098	19.94	0.099
15	16QAM	75	0	19.94	0.099	20.03	0.101	19.93	0.098
15	64QAM	1	0	20.01	0.100	20.02	0.100	19.95	0.099
15	64QAM	1	37	19.96	0.099	19.98	0.100	20.05	0.101
15	64QAM	1	74	20.03	0.101	20.00	0.100	19.98	0.100
15	64QAM	36	0	18.99	0.079	18.94	0.078	18.97	0.079
15	64QAM	36	20	18.99	0.079	19.05	0.080	18.96	0.079
15	64QAM	36	39	18.90	0.078	18.96	0.079	18.90	0.078
15	64QAM	75	0	19.05	0.080	19.04	0.080	18.84	0.077
15	256QAM	1	0	17.08	0.051	17.09	0.051	17.02	0.050
15	256QAM	1	37	17.03	0.050	17.05	0.051	17.12	0.052
15	256QAM	1	74	17.10	0.051	17.07	0.051	17.05	0.051
15	256QAM	36	0	17.06	0.051	17.01	0.050	17.04	0.051
15	256QAM	36	20	17.06	0.051	17.12	0.052	17.03	0.050
15	256QAM	36	39	16.97	0.050	17.03	0.050	16.97	0.050
15	256QAM	75	0	17.12	0.052	17.11	0.051	16.91	0.049



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	21.88	0.154	22.00	0.158	21.95	0.157
10	QPSK	1	25	21.86	0.153	21.83	0.152	21.80	0.151
10	QPSK	1	49	21.84	0.153	21.75	0.150	21.73	0.149
10	QPSK	25	0	21.01	0.126	21.02	0.126	20.99	0.126
10	QPSK	25	12	20.98	0.125	20.94	0.124	20.96	0.125
10	QPSK	25	25	20.97	0.125	20.88	0.122	20.90	0.123
10	QPSK	50	0	20.96	0.125	20.97	0.125	20.96	0.125
10	16QAM	1	0	20.89	0.123	20.89	0.123	20.91	0.123
10	16QAM	1	25	20.98	0.125	20.95	0.124	20.94	0.124
10	16QAM	1	49	20.80	0.120	20.92	0.124	20.93	0.124
10	16QAM	25	0	20.01	0.100	19.86	0.097	19.87	0.097
10	16QAM	25	12	19.91	0.098	19.90	0.098	19.80	0.095
10	16QAM	25	25	19.86	0.097	19.84	0.096	19.85	0.097
10	16QAM	50	0	19.85	0.097	19.94	0.099	19.84	0.096
10	64QAM	1	0	19.92	0.098	19.93	0.098	19.86	0.097
10	64QAM	1	25	19.87	0.097	19.89	0.097	19.96	0.099
10	64QAM	1	49	19.94	0.099	19.91	0.098	19.89	0.097
10	64QAM	25	0	18.90	0.078	18.85	0.077	18.88	0.077
10	64QAM	25	12	18.90	0.078	18.96	0.079	18.87	0.077
10	64QAM	25	25	18.81	0.076	18.87	0.077	18.81	0.076
10	64QAM	50	0	18.96	0.079	18.95	0.079	18.75	0.075
10	256QAM	1	0	16.99	0.050	17.00	0.050	16.93	0.049
10	256QAM	1	25	16.94	0.049	16.96	0.050	17.03	0.050
10	256QAM	1	49	17.01	0.050	16.98	0.050	16.96	0.050
10	256QAM	25	0	16.97	0.050	16.92	0.049	16.95	0.050
10	256QAM	25	12	16.97	0.050	17.03	0.050	16.94	0.049
10	256QAM	25	25	16.88	0.049	16.94	0.049	16.88	0.049
10	256QAM	50	0	17.03	0.050	17.02	0.050	16.82	0.048



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	21.84	0.153	21.96	0.157	21.91	0.155
5	QPSK	1	12	21.82	0.152	21.79	0.151	21.76	0.150
5	QPSK	1	24	21.80	0.151	21.71	0.148	21.69	0.148
5	QPSK	12	0	20.97	0.125	20.98	0.125	20.95	0.124
5	QPSK	12	7	20.94	0.124	20.90	0.123	20.92	0.124
5	QPSK	12	13	20.93	0.124	20.84	0.121	20.86	0.122
5	QPSK	25	0	20.92	0.124	20.93	0.124	20.92	0.124
5	16QAM	1	0	20.85	0.122	20.85	0.122	20.87	0.122
5	16QAM	1	12	20.94	0.124	20.91	0.123	20.90	0.123
5	16QAM	1	24	20.76	0.119	20.88	0.122	20.89	0.123
5	16QAM	12	0	19.97	0.099	19.82	0.096	19.83	0.096
5	16QAM	12	7	19.87	0.097	19.86	0.097	19.76	0.095
5	16QAM	12	13	19.82	0.096	19.80	0.095	19.81	0.096
5	16QAM	25	0	19.81	0.096	19.90	0.098	19.80	0.095
5	64QAM	1	0	19.88	0.097	19.89	0.097	19.82	0.096
5	64QAM	1	12	19.83	0.096	19.85	0.097	19.92	0.098
5	64QAM	1	24	19.90	0.098	19.87	0.097	19.85	0.097
5	64QAM	12	0	18.86	0.077	18.81	0.076	18.84	0.077
5	64QAM	12	7	18.86	0.077	18.92	0.078	18.83	0.076
5	64QAM	12	13	18.77	0.075	18.83	0.076	18.77	0.075
5	64QAM	25	0	18.92	0.078	18.91	0.078	18.71	0.074
5	256QAM	1	0	16.95	0.050	16.96	0.050	16.89	0.049
5	256QAM	1	12	16.90	0.049	16.92	0.049	16.99	0.050
5	256QAM	1	24	16.97	0.050	16.94	0.049	16.92	0.049
5	256QAM	12	0	16.93	0.049	16.88	0.049	16.91	0.049
5	256QAM	12	7	16.93	0.049	16.99	0.050	16.90	0.049
5	256QAM	12	13	16.84	0.048	16.90	0.049	16.84	0.048
5	256QAM	25	0	16.99	0.050	16.98	0.050	16.78	0.048



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	21.75	0.150	21.87	0.154	21.82	0.152
3	QPSK	1	8	21.73	0.149	21.70	0.148	21.67	0.147
3	QPSK	1	14	21.71	0.148	21.62	0.145	21.60	0.145
3	QPSK	8	0	20.88	0.122	20.89	0.123	20.86	0.122
3	QPSK	8	4	20.85	0.122	20.81	0.121	20.83	0.121
3	QPSK	8	7	20.84	0.121	20.75	0.119	20.77	0.119
3	QPSK	15	0	20.83	0.121	20.84	0.121	20.83	0.121
3	16QAM	1	0	20.76	0.119	20.76	0.119	20.78	0.120
3	16QAM	1	8	20.85	0.122	20.82	0.121	20.81	0.121
3	16QAM	1	14	20.67	0.117	20.79	0.120	20.80	0.120
3	16QAM	8	0	19.88	0.097	19.73	0.094	19.74	0.094
3	16QAM	8	4	19.78	0.095	19.77	0.095	19.67	0.093
3	16QAM	8	7	19.73	0.094	19.71	0.094	19.72	0.094
3	16QAM	15	0	19.72	0.094	19.81	0.096	19.71	0.094
3	64QAM	1	0	19.79	0.095	19.80	0.095	19.73	0.094
3	64QAM	1	8	19.74	0.094	19.76	0.095	19.83	0.096
3	64QAM	1	14	19.81	0.096	19.78	0.095	19.76	0.095
3	64QAM	8	0	18.77	0.075	18.72	0.074	18.75	0.075
3	64QAM	8	4	18.77	0.075	18.83	0.076	18.74	0.075
3	64QAM	8	7	18.68	0.074	18.74	0.075	18.68	0.074
3	64QAM	15	0	18.83	0.076	18.82	0.076	18.62	0.073
3	256QAM	1	0	16.86	0.049	16.87	0.049	16.80	0.048
3	256QAM	1	8	16.81	0.048	16.83	0.048	16.90	0.049
3	256QAM	1	14	16.88	0.049	16.85	0.048	16.83	0.048
3	256QAM	8	0	16.84	0.048	16.79	0.048	16.82	0.048
3	256QAM	8	4	16.84	0.048	16.90	0.049	16.81	0.048
3	256QAM	8	7	16.75	0.047	16.81	0.048	16.75	0.047
3	256QAM	15	0	16.90	0.049	16.89	0.049	16.69	0.047



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	21.78	0.151	21.90	0.155	21.85	0.153
1.4	QPSK	1	3	21.76	0.150	21.73	0.149	21.70	0.148
1.4	QPSK	1	5	21.74	0.149	21.65	0.146	21.63	0.146
1.4	QPSK	3	0	20.91	0.123	20.92	0.124	20.89	0.123
1.4	QPSK	3	1	20.88	0.122	20.84	0.121	20.86	0.122
1.4	QPSK	3	3	20.87	0.122	20.78	0.120	20.80	0.120
1.4	QPSK	6	0	20.86	0.122	20.87	0.122	20.86	0.122
1.4	16QAM	1	0	20.79	0.120	20.79	0.120	20.81	0.121
1.4	16QAM	1	3	20.88	0.122	20.85	0.122	20.84	0.121
1.4	16QAM	1	5	20.70	0.117	20.82	0.121	20.83	0.121
1.4	16QAM	3	0	19.91	0.098	19.76	0.095	19.77	0.095
1.4	16QAM	3	1	19.81	0.096	19.80	0.095	19.70	0.093
1.4	16QAM	3	3	19.76	0.095	19.74	0.094	19.75	0.094
1.4	16QAM	6	0	19.75	0.094	19.84	0.096	19.74	0.094
1.4	64QAM	1	0	19.82	0.096	19.83	0.096	19.76	0.095
1.4	64QAM	1	3	19.77	0.095	19.79	0.095	19.86	0.097
1.4	64QAM	1	5	19.84	0.096	19.81	0.096	19.79	0.095
1.4	64QAM	3	0	19.80	0.095	19.75	0.094	19.78	0.095
1.4	64QAM	3	1	19.80	0.095	19.86	0.097	19.77	0.095
1.4	64QAM	3	3	19.71	0.094	19.77	0.095	19.71	0.094
1.4	64QAM	6	0	18.86	0.077	18.95	0.079	18.65	0.073
1.4	256QAM	1	0	16.89	0.049	16.90	0.049	16.83	0.048
1.4	256QAM	1	3	16.84	0.048	16.86	0.049	16.93	0.049
1.4	256QAM	1	5	16.91	0.049	16.88	0.049	16.86	0.049
1.4	256QAM	3	0	16.87	0.049	16.82	0.048	16.85	0.048
1.4	256QAM	3	1	16.87	0.049	16.93	0.049	16.84	0.048
1.4	256QAM	3	3	16.78	0.048	16.84	0.048	16.78	0.048
1.4	256QAM	6	0	16.93	0.049	16.92	0.049	16.72	0.047



LTE Band 30				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				/		27710		/	
Frequency (MHz)				/		2310		/	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	/	/	23.52	0.225	/	/
10	QPSK	1	25	/	/	23.43	0.220	/	/
10	QPSK	1	49	/	/	23.43	0.220	/	/
10	QPSK	25	0	/	/	22.56	0.180	/	/
10	QPSK	25	12	/	/	22.52	0.179	/	/
10	QPSK	25	25	/	/	22.51	0.178	/	/
10	QPSK	50	0	/	/	22.53	0.179	/	/
10	16QAM	1	0	/	/	22.72	0.187	/	/
10	16QAM	1	25	/	/	22.69	0.186	/	/
10	16QAM	1	49	/	/	22.76	0.189	/	/
10	16QAM	25	0	/	/	21.58	0.144	/	/
10	16QAM	25	12	/	/	21.53	0.142	/	/
10	16QAM	25	25	/	/	21.54	0.143	/	/
10	16QAM	50	0	/	/	21.51	0.142	/	/
10	64QAM	1	0	/	/	21.78	0.151	/	/
10	64QAM	1	25	/	/	21.52	0.142	/	/
10	64QAM	1	49	/	/	21.68	0.147	/	/
10	64QAM	25	0	/	/	20.62	0.115	/	/
10	64QAM	25	12	/	/	20.57	0.114	/	/
10	64QAM	25	25	/	/	20.52	0.113	/	/
10	64QAM	50	0	/	/	20.54	0.113	/	/
10	256QAM	1	0	/	/	18.47	0.070	/	/
10	256QAM	1	25	/	/	18.21	0.066	/	/
10	256QAM	1	49	/	/	18.37	0.069	/	/
10	256QAM	25	0	/	/	18.45	0.070	/	/
10	256QAM	25	12	/	/	18.25	0.067	/	/
10	256QAM	25	25	/	/	18.20	0.066	/	/
10	256QAM	50	0	/	/	18.22	0.066	/	/



LTE Band 30				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				27685		27710		27735	
Frequency (MHz)				2307.5		2310		2312.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	23.36	0.217	23.46	0.222	23.35	0.216
5	QPSK	1	12	23.27	0.212	23.27	0.212	23.30	0.214
5	QPSK	1	24	23.31	0.214	23.25	0.211	23.32	0.215
5	QPSK	12	0	22.37	0.173	22.46	0.176	22.38	0.173
5	QPSK	12	7	22.43	0.175	22.36	0.172	22.38	0.173
5	QPSK	12	13	22.41	0.174	22.37	0.173	22.40	0.174
5	QPSK	25	0	22.29	0.169	22.36	0.172	22.39	0.173
5	16QAM	1	0	22.62	0.183	22.56	0.180	22.62	0.183
5	16QAM	1	12	22.57	0.181	22.53	0.179	22.57	0.181
5	16QAM	1	24	22.60	0.182	22.61	0.182	22.66	0.185
5	16QAM	12	0	21.42	0.139	21.41	0.138	21.49	0.141
5	16QAM	12	7	21.38	0.137	21.38	0.137	21.42	0.139
5	16QAM	12	13	21.37	0.137	21.45	0.140	21.35	0.136
5	16QAM	25	0	21.35	0.136	21.37	0.137	21.36	0.137
5	64QAM	1	0	21.64	0.146	21.66	0.147	21.60	0.145
5	64QAM	1	12	21.38	0.137	21.33	0.136	21.42	0.139
5	64QAM	1	24	21.59	0.144	21.54	0.143	21.55	0.143
5	64QAM	12	0	20.52	0.113	20.45	0.111	20.44	0.111
5	64QAM	12	7	20.48	0.112	20.46	0.111	20.48	0.112
5	64QAM	12	13	20.41	0.110	20.39	0.109	20.32	0.108
5	64QAM	25	0	20.42	0.110	20.34	0.108	20.36	0.109
5	256QAM	1	0	18.39	0.069	18.45	0.070	18.37	0.069
5	256QAM	1	12	18.20	0.066	18.19	0.066	18.18	0.066
5	256QAM	1	24	18.35	0.068	18.33	0.068	18.31	0.068
5	256QAM	12	0	18.19	0.066	18.25	0.067	18.21	0.066
5	256QAM	12	7	18.19	0.066	18.20	0.066	18.22	0.066
5	256QAM	12	13	18.09	0.064	18.10	0.065	18.14	0.065
5	256QAM	25	0	18.13	0.065	18.15	0.065	18.21	0.066



LTE Band 41				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39750		40620		41490	
Frequency (MHz)				2506		2593		2680	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	23.21	0.209	23.29	0.213	23.25	0.211
20	QPSK	1	49	23.17	0.207	23.07	0.203	23.05	0.202
20	QPSK	1	99	23.26	0.212	23.22	0.210	23.04	0.201
20	QPSK	50	0	22.49	0.177	22.50	0.178	22.47	0.177
20	QPSK	50	24	22.45	0.176	22.36	0.172	22.18	0.165
20	QPSK	50	50	22.47	0.177	22.32	0.171	22.05	0.160
20	QPSK	100	0	22.46	0.176	22.37	0.173	22.15	0.164
20	16QAM	1	0	22.54	0.179	22.50	0.178	22.45	0.176
20	16QAM	1	49	22.47	0.177	22.44	0.175	22.40	0.174
20	16QAM	1	99	22.40	0.174	22.49	0.177	22.37	0.173
20	16QAM	50	0	21.55	0.143	21.37	0.137	21.22	0.132
20	16QAM	50	24	21.49	0.141	21.40	0.138	21.25	0.133
20	16QAM	50	50	21.46	0.140	21.25	0.133	21.21	0.132
20	16QAM	100	0	21.37	0.137	21.40	0.138	21.35	0.136
20	64QAM	1	0	21.45	0.140	21.43	0.139	21.37	0.137
20	64QAM	1	49	21.44	0.139	21.34	0.136	21.27	0.134
20	64QAM	1	99	21.38	0.137	21.38	0.137	21.32	0.136
20	64QAM	50	0	20.50	0.112	20.31	0.107	20.08	0.102
20	64QAM	50	24	20.40	0.110	20.34	0.108	20.26	0.106
20	64QAM	50	50	20.27	0.106	20.29	0.107	20.20	0.105
20	64QAM	100	0	20.46	0.111	20.45	0.111	20.35	0.108
20	256QAM	1	0	18.25	0.067	18.23	0.067	18.17	0.066
20	256QAM	1	49	18.24	0.067	18.14	0.065	18.07	0.064
20	256QAM	1	99	18.18	0.066	18.18	0.066	18.12	0.065
20	256QAM	50	0	18.30	0.068	18.11	0.065	17.88	0.061
20	256QAM	50	24	18.20	0.066	18.14	0.065	18.06	0.064
20	256QAM	50	50	18.07	0.064	18.09	0.064	18.00	0.063
20	256QAM	100	0	18.26	0.067	18.25	0.067	18.15	0.065



LTE Band 41				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39725		40620		41515	
Frequency (MHz)				2503.5		2593		2682.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	23.03	0.201	23.11	0.205	23.07	0.203
15	QPSK	1	37	22.99	0.199	23.10	0.204	22.87	0.194
15	QPSK	1	74	23.08	0.203	23.04	0.201	22.86	0.193
15	QPSK	36	0	22.31	0.170	22.32	0.171	22.29	0.169
15	QPSK	36	20	22.27	0.169	22.18	0.165	22.00	0.158
15	QPSK	36	39	22.29	0.169	22.14	0.164	21.87	0.154
15	QPSK	75	0	22.28	0.169	22.19	0.166	21.97	0.157
15	16QAM	1	0	22.36	0.172	22.32	0.171	22.27	0.169
15	16QAM	1	37	22.29	0.169	22.26	0.168	22.22	0.167
15	16QAM	1	74	22.22	0.167	22.31	0.170	22.19	0.166
15	16QAM	36	0	21.37	0.137	21.19	0.132	21.04	0.127
15	16QAM	36	20	21.31	0.135	21.22	0.132	21.07	0.128
15	16QAM	36	39	21.28	0.134	21.07	0.128	21.03	0.127
15	16QAM	75	0	21.19	0.132	21.22	0.132	21.17	0.131
15	64QAM	1	0	21.27	0.134	21.25	0.133	21.19	0.132
15	64QAM	1	37	21.26	0.134	21.16	0.131	21.09	0.129
15	64QAM	1	74	21.20	0.132	21.20	0.132	21.14	0.130
15	64QAM	36	0	20.32	0.108	20.13	0.103	19.90	0.098
15	64QAM	36	20	20.22	0.105	20.16	0.104	20.08	0.102
15	64QAM	36	39	20.09	0.102	20.11	0.103	20.02	0.100
15	64QAM	75	0	20.28	0.107	20.27	0.106	20.17	0.104
15	256QAM	1	0	18.07	0.064	18.05	0.064	17.99	0.063
15	256QAM	1	37	18.06	0.064	17.96	0.063	17.89	0.062
15	256QAM	1	74	18.00	0.063	18.00	0.063	17.94	0.062
15	256QAM	36	0	18.12	0.065	17.93	0.062	17.70	0.059
15	256QAM	36	20	18.02	0.063	17.96	0.063	17.88	0.061
15	256QAM	36	39	17.89	0.062	17.91	0.062	17.82	0.061
15	256QAM	75	0	18.08	0.064	18.07	0.064	17.97	0.063



LTE Band 41				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				39700		40620		41540	
Frequency (MHz)				2501		2593		2685	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	23.03	0.201	23.13	0.206	22.92	0.196
10	QPSK	1	25	22.95	0.197	22.89	0.195	22.91	0.195
10	QPSK	1	49	23.08	0.203	22.98	0.199	22.93	0.196
10	QPSK	25	0	22.31	0.170	22.28	0.169	22.02	0.159
10	QPSK	25	12	22.30	0.170	22.21	0.166	21.94	0.156
10	QPSK	25	25	22.32	0.171	22.16	0.164	21.89	0.155
10	QPSK	50	0	22.28	0.169	22.22	0.167	21.96	0.157
10	16QAM	1	0	22.36	0.172	22.27	0.169	22.24	0.167
10	16QAM	1	25	22.27	0.169	22.20	0.166	22.17	0.165
10	16QAM	1	49	22.23	0.167	22.34	0.171	22.17	0.165
10	16QAM	25	0	21.30	0.135	21.15	0.130	20.99	0.126
10	16QAM	25	12	21.32	0.136	21.21	0.132	21.00	0.126
10	16QAM	25	25	21.25	0.133	21.04	0.127	20.97	0.125
10	16QAM	50	0	21.13	0.130	21.22	0.132	21.19	0.132
10	64QAM	1	0	21.26	0.134	21.19	0.132	21.17	0.131
10	64QAM	1	25	21.27	0.134	21.12	0.129	21.04	0.127
10	64QAM	1	49	21.12	0.129	21.16	0.131	21.08	0.128
10	64QAM	25	0	20.25	0.106	20.07	0.102	19.93	0.098
10	64QAM	25	12	20.22	0.105	20.10	0.102	20.10	0.102
10	64QAM	25	25	20.12	0.103	20.12	0.103	19.99	0.100
10	64QAM	50	0	20.31	0.107	20.27	0.106	20.17	0.104
10	256QAM	1	0	18.44	0.070	18.47	0.070	18.36	0.069
10	256QAM	1	25	18.44	0.070	18.28	0.067	18.26	0.067
10	256QAM	1	49	18.40	0.069	18.34	0.068	18.27	0.067
10	256QAM	25	0	18.52	0.071	18.26	0.067	18.08	0.064
10	256QAM	25	12	18.40	0.069	18.37	0.069	18.21	0.066
10	256QAM	25	25	18.32	0.068	18.25	0.067	18.17	0.066
10	256QAM	50	0	18.45	0.070	18.44	0.070	18.37	0.069



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	22.84	0.192	22.94	0.197	22.73	0.187
5	QPSK	1	12	22.76	0.189	22.70	0.186	22.72	0.187
5	QPSK	1	24	22.89	0.195	22.79	0.190	22.74	0.188
5	QPSK	12	0	22.12	0.163	22.09	0.162	21.83	0.152
5	QPSK	12	7	22.11	0.163	22.02	0.159	21.75	0.150
5	QPSK	12	13	22.13	0.163	21.97	0.157	21.70	0.148
5	QPSK	25	0	22.09	0.162	22.03	0.160	21.77	0.150
5	16QAM	1	0	22.17	0.165	22.08	0.161	22.05	0.160
5	16QAM	1	12	22.08	0.161	22.01	0.159	21.98	0.158
5	16QAM	1	24	22.04	0.160	22.15	0.164	21.98	0.158
5	16QAM	12	0	21.11	0.129	20.96	0.125	20.80	0.120
5	16QAM	12	7	21.13	0.130	21.02	0.126	20.81	0.121
5	16QAM	12	13	21.06	0.128	20.85	0.122	20.78	0.120
5	16QAM	25	0	20.94	0.124	21.03	0.127	21.00	0.126
5	64QAM	1	0	21.07	0.128	21.00	0.126	20.98	0.125
5	64QAM	1	12	21.08	0.128	20.93	0.124	20.85	0.122
5	64QAM	1	24	20.93	0.124	20.97	0.125	20.89	0.123
5	64QAM	12	0	20.06	0.101	19.88	0.097	19.74	0.094
5	64QAM	12	7	20.03	0.101	19.91	0.098	19.91	0.098
5	64QAM	12	13	19.93	0.098	19.93	0.098	19.80	0.095
5	64QAM	25	0	20.12	0.103	20.08	0.102	19.98	0.100
5	256QAM	1	0	18.25	0.067	18.28	0.067	18.17	0.066
5	256QAM	1	12	18.25	0.067	18.09	0.064	18.07	0.064
5	256QAM	1	24	18.21	0.066	18.15	0.065	18.08	0.064
5	256QAM	12	0	18.33	0.068	18.07	0.064	17.89	0.062
5	256QAM	12	7	18.21	0.066	18.18	0.066	18.02	0.063
5	256QAM	12	13	18.13	0.065	18.06	0.064	17.98	0.063
5	256QAM	25	0	18.26	0.067	18.25	0.067	18.18	0.066



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	23.15	0.207	23.17	0.207	23.12	0.205
20	QPSK	1	49	22.92	0.196	23.04	0.201	22.89	0.195
20	QPSK	1	99	23.00	0.200	23.00	0.200	22.97	0.198
20	QPSK	50	0	22.12	0.163	22.17	0.165	22.15	0.164
20	QPSK	50	24	22.05	0.160	22.13	0.163	22.12	0.163
20	QPSK	50	50	22.16	0.164	22.11	0.163	22.13	0.163
20	QPSK	100	0	22.12	0.163	22.17	0.165	22.14	0.164
20	16QAM	1	0	22.42	0.175	22.37	0.173	22.39	0.173
20	16QAM	1	49	22.29	0.169	22.38	0.173	22.15	0.164
20	16QAM	1	99	22.23	0.167	22.30	0.170	22.38	0.173
20	16QAM	50	0	21.09	0.129	21.02	0.126	21.01	0.126
20	16QAM	50	24	21.21	0.132	21.16	0.131	21.04	0.127
20	16QAM	50	50	21.14	0.130	21.13	0.130	21.10	0.129
20	16QAM	100	0	21.15	0.130	21.12	0.129	21.02	0.126
20	64QAM	1	0	21.38	0.137	21.35	0.136	21.36	0.137
20	64QAM	1	49	21.26	0.134	21.36	0.137	21.10	0.129
20	64QAM	1	99	21.17	0.131	21.30	0.135	21.31	0.135
20	64QAM	50	0	20.06	0.101	20.01	0.100	20.01	0.100
20	64QAM	50	24	20.13	0.103	20.11	0.103	20.03	0.101
20	64QAM	50	50	20.06	0.101	20.07	0.102	20.07	0.102
20	64QAM	100	0	20.17	0.104	20.06	0.101	19.95	0.099
20	256QAM	1	0	18.27	0.067	18.22	0.066	18.29	0.067
20	256QAM	1	49	18.10	0.065	18.27	0.067	18.00	0.063
20	256QAM	1	99	18.12	0.065	18.19	0.066	18.27	0.067
20	256QAM	50	0	17.92	0.062	17.85	0.061	17.86	0.061
20	256QAM	50	24	18.02	0.063	18.06	0.064	17.87	0.061
20	256QAM	50	50	18.05	0.064	17.98	0.063	17.96	0.063
20	256QAM	100	0	18.01	0.063	18.04	0.064	17.87	0.061



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	22.96	0.198	22.98	0.199	22.93	0.196
15	QPSK	1	37	22.73	0.187	22.85	0.193	22.70	0.186
15	QPSK	1	74	22.81	0.191	22.81	0.191	22.78	0.190
15	QPSK	36	0	21.93	0.156	21.98	0.158	21.96	0.157
15	QPSK	36	20	21.86	0.153	21.94	0.156	21.93	0.156
15	QPSK	36	39	21.97	0.157	21.92	0.156	21.94	0.156
15	QPSK	75	0	21.93	0.156	21.98	0.158	21.95	0.157
15	16QAM	1	0	22.23	0.167	22.18	0.165	22.20	0.166
15	16QAM	1	37	22.10	0.162	22.19	0.166	21.96	0.157
15	16QAM	1	74	22.04	0.160	22.11	0.163	22.19	0.166
15	16QAM	36	0	20.90	0.123	20.83	0.121	20.82	0.121
15	16QAM	36	20	21.02	0.126	20.97	0.125	20.85	0.122
15	16QAM	36	39	20.95	0.124	20.94	0.124	20.91	0.123
15	16QAM	75	0	20.96	0.125	20.93	0.124	20.83	0.121
15	64QAM	1	0	21.19	0.132	21.16	0.131	21.17	0.131
15	64QAM	1	37	21.07	0.128	21.17	0.131	20.91	0.123
15	64QAM	1	74	20.98	0.125	21.11	0.129	21.12	0.129
15	64QAM	36	0	19.87	0.097	19.82	0.096	19.82	0.096
15	64QAM	36	20	19.94	0.099	19.92	0.098	19.84	0.096
15	64QAM	36	39	19.87	0.097	19.88	0.097	19.88	0.097
15	64QAM	75	0	19.98	0.100	19.87	0.097	19.76	0.095
15	256QAM	1	0	18.08	0.064	18.03	0.064	18.10	0.065
15	256QAM	1	37	17.91	0.062	18.08	0.064	17.81	0.060
15	256QAM	1	74	17.93	0.062	18.00	0.063	18.08	0.064
15	256QAM	36	0	17.73	0.059	17.66	0.058	17.67	0.058
15	256QAM	36	20	17.83	0.061	17.87	0.061	17.68	0.059
15	256QAM	36	39	17.86	0.061	17.79	0.060	17.77	0.060
15	256QAM	75	0	17.82	0.061	17.85	0.061	17.68	0.059



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	22.89	0.195	22.91	0.195	22.86	0.193
10	QPSK	1	25	22.66	0.185	22.78	0.190	22.63	0.183
10	QPSK	1	49	22.74	0.188	22.74	0.188	22.71	0.187
10	QPSK	25	0	21.86	0.153	21.91	0.155	21.89	0.155
10	QPSK	25	12	21.79	0.151	21.87	0.154	21.86	0.153
10	QPSK	25	25	21.90	0.155	21.85	0.153	21.87	0.154
10	QPSK	50	0	21.86	0.153	21.91	0.155	21.88	0.154
10	16QAM	1	0	22.16	0.164	22.11	0.163	22.13	0.163
10	16QAM	1	25	22.03	0.160	22.12	0.163	21.89	0.155
10	16QAM	1	49	21.97	0.157	22.04	0.160	22.12	0.163
10	16QAM	25	0	20.83	0.121	20.76	0.119	20.75	0.119
10	16QAM	25	12	20.95	0.124	20.90	0.123	20.78	0.120
10	16QAM	25	25	20.88	0.122	20.87	0.122	20.84	0.121
10	16QAM	50	0	20.89	0.123	20.86	0.122	20.76	0.119
10	64QAM	1	0	21.12	0.129	21.09	0.129	21.10	0.129
10	64QAM	1	25	21.00	0.126	21.10	0.129	20.84	0.121
10	64QAM	1	49	20.91	0.123	21.04	0.127	21.05	0.127
10	64QAM	25	0	19.80	0.095	19.75	0.094	19.75	0.094
10	64QAM	25	12	19.87	0.097	19.85	0.097	19.77	0.095
10	64QAM	25	25	19.80	0.095	19.81	0.096	19.81	0.096
10	64QAM	50	0	19.91	0.098	19.80	0.095	19.69	0.093
10	256QAM	1	0	18.01	0.063	17.96	0.063	18.03	0.064
10	256QAM	1	25	17.84	0.061	18.01	0.063	17.74	0.059
10	256QAM	1	49	17.86	0.061	17.93	0.062	18.01	0.063
10	256QAM	25	0	17.66	0.058	17.91	0.062	17.60	0.058
10	256QAM	25	12	17.76	0.060	17.80	0.060	17.61	0.058
10	256QAM	25	25	17.79	0.060	17.72	0.059	17.70	0.059
10	256QAM	50	0	17.75	0.060	17.78	0.060	17.61	0.058



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	22.83	0.192	22.85	0.193	22.80	0.191
5	QPSK	1	12	22.60	0.182	22.72	0.187	22.57	0.181
5	QPSK	1	24	22.68	0.185	22.68	0.185	22.65	0.184
5	QPSK	12	0	21.80	0.151	21.85	0.153	21.83	0.152
5	QPSK	12	7	21.73	0.149	21.81	0.152	21.80	0.151
5	QPSK	12	13	21.84	0.153	21.79	0.151	21.81	0.152
5	QPSK	25	0	21.80	0.151	21.85	0.153	21.82	0.152
5	16QAM	1	0	22.10	0.162	22.05	0.160	22.07	0.161
5	16QAM	1	12	21.97	0.157	22.06	0.161	21.83	0.152
5	16QAM	1	24	21.91	0.155	21.98	0.158	22.06	0.161
5	16QAM	12	0	20.77	0.119	20.70	0.117	20.69	0.117
5	16QAM	12	7	20.89	0.123	20.84	0.121	20.72	0.118
5	16QAM	12	13	20.82	0.121	20.81	0.121	20.78	0.120
5	16QAM	25	0	20.83	0.121	20.80	0.120	20.70	0.117
5	64QAM	1	0	21.06	0.128	21.03	0.127	21.04	0.127
5	64QAM	1	12	20.94	0.124	21.04	0.127	20.78	0.120
5	64QAM	1	24	20.85	0.122	20.98	0.125	20.99	0.126
5	64QAM	12	0	19.74	0.094	19.69	0.093	19.69	0.093
5	64QAM	12	7	19.81	0.096	19.79	0.095	19.71	0.094
5	64QAM	12	13	19.74	0.094	19.75	0.094	19.75	0.094
5	64QAM	25	0	19.85	0.097	19.74	0.094	19.63	0.092
5	256QAM	1	0	17.95	0.062	17.90	0.062	17.97	0.063
5	256QAM	1	12	17.78	0.060	17.95	0.062	17.68	0.059
5	256QAM	1	24	17.80	0.060	17.87	0.061	17.95	0.062
5	256QAM	12	0	17.60	0.058	17.85	0.061	17.54	0.057
5	256QAM	12	7	17.70	0.059	17.74	0.059	17.55	0.057
5	256QAM	12	13	17.73	0.059	17.66	0.058	17.64	0.058
5	256QAM	25	0	17.69	0.059	17.72	0.059	17.55	0.057



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	22.87	0.194	22.89	0.195	22.84	0.192
3	QPSK	1	8	22.64	0.184	22.76	0.189	22.61	0.182
3	QPSK	1	14	22.72	0.187	22.72	0.187	22.69	0.186
3	QPSK	8	0	21.84	0.153	21.89	0.155	21.87	0.154
3	QPSK	8	4	21.77	0.150	21.85	0.153	21.84	0.153
3	QPSK	8	7	21.88	0.154	21.83	0.152	21.85	0.153
3	QPSK	15	0	21.84	0.153	21.89	0.155	21.86	0.153
3	16QAM	1	0	22.14	0.164	22.09	0.162	22.11	0.163
3	16QAM	1	8	22.01	0.159	22.10	0.162	21.87	0.154
3	16QAM	1	14	21.95	0.157	22.02	0.159	22.10	0.162
3	16QAM	8	0	20.81	0.121	20.74	0.119	20.73	0.118
3	16QAM	8	4	20.93	0.124	20.88	0.122	20.76	0.119
3	16QAM	8	7	20.86	0.122	20.85	0.122	20.82	0.121
3	16QAM	15	0	20.87	0.122	20.84	0.121	20.74	0.119
3	64QAM	1	0	21.10	0.129	21.07	0.128	21.08	0.128
3	64QAM	1	8	20.98	0.125	21.08	0.128	20.82	0.121
3	64QAM	1	14	20.89	0.123	21.02	0.126	21.03	0.127
3	64QAM	8	0	19.78	0.095	19.73	0.094	19.73	0.094
3	64QAM	8	4	19.85	0.097	19.83	0.096	19.75	0.094
3	64QAM	8	7	19.78	0.095	19.79	0.095	19.79	0.095
3	64QAM	15	0	19.89	0.097	19.78	0.095	19.67	0.093
3	256QAM	1	0	17.99	0.063	17.94	0.062	18.01	0.063
3	256QAM	1	8	17.82	0.061	17.99	0.063	17.72	0.059
3	256QAM	1	14	17.84	0.061	17.91	0.062	17.99	0.063
3	256QAM	8	0	17.64	0.058	17.89	0.062	17.58	0.057
3	256QAM	8	4	17.74	0.059	17.78	0.060	17.59	0.057
3	256QAM	8	7	17.77	0.060	17.70	0.059	17.68	0.059
3	256QAM	15	0	17.73	0.059	17.76	0.060	17.59	0.057



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	22.89	0.195	22.91	0.195	22.86	0.193
1.4	QPSK	1	3	22.66	0.185	22.78	0.190	22.63	0.183
1.4	QPSK	1	5	22.74	0.188	22.74	0.188	22.71	0.187
1.4	QPSK	3	0	21.86	0.153	21.91	0.155	21.89	0.155
1.4	QPSK	3	1	21.79	0.151	21.87	0.154	21.86	0.153
1.4	QPSK	3	3	21.90	0.155	21.85	0.153	21.87	0.154
1.4	QPSK	6	0	21.86	0.153	21.91	0.155	21.88	0.154
1.4	16QAM	1	0	22.16	0.164	22.11	0.163	22.13	0.163
1.4	16QAM	1	3	22.03	0.160	22.12	0.163	21.89	0.155
1.4	16QAM	1	5	21.97	0.157	22.04	0.160	22.12	0.163
1.4	16QAM	3	0	20.83	0.121	20.76	0.119	20.75	0.119
1.4	16QAM	3	1	20.95	0.124	20.90	0.123	20.78	0.120
1.4	16QAM	3	3	20.88	0.122	20.87	0.122	20.84	0.121
1.4	16QAM	6	0	20.89	0.123	21.90	0.155	20.76	0.119
1.4	64QAM	1	0	21.12	0.129	21.09	0.129	21.10	0.129
1.4	64QAM	1	3	21.00	0.126	21.10	0.129	20.84	0.121
1.4	64QAM	1	5	20.91	0.123	21.04	0.127	21.05	0.127
1.4	64QAM	3	0	19.80	0.095	19.75	0.094	19.75	0.094
1.4	64QAM	3	1	19.87	0.097	19.85	0.097	19.77	0.095
1.4	64QAM	3	3	19.80	0.095	19.81	0.096	19.81	0.096
1.4	64QAM	6	0	19.91	0.098	19.93	0.098	19.69	0.093
1.4	256QAM	1	0	18.01	0.063	17.96	0.063	18.03	0.064
1.4	256QAM	1	3	17.84	0.061	18.01	0.063	17.74	0.059
1.4	256QAM	1	5	17.86	0.061	17.93	0.062	18.01	0.063
1.4	256QAM	3	0	17.66	0.058	17.91	0.062	17.60	0.058
1.4	256QAM	3	1	17.76	0.060	17.80	0.060	17.61	0.058
1.4	256QAM	3	3	17.79	0.060	17.72	0.059	17.70	0.059
1.4	256QAM	6	0	17.75	0.060	17.90	0.062	17.61	0.058



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	22.60	0.182	22.64	0.184	22.57	0.181
20	QPSK	1	49	22.36	0.172	22.42	0.175	22.35	0.172
20	QPSK	1	99	22.47	0.177	22.44	0.175	22.48	0.177
20	QPSK	50	0	21.50	0.141	21.58	0.144	21.54	0.143
20	QPSK	50	24	21.43	0.139	21.46	0.140	21.50	0.141
20	QPSK	50	50	21.54	0.143	21.57	0.144	21.55	0.143
20	QPSK	100	0	21.49	0.141	21.59	0.144	21.51	0.142
20	16QAM	1	0	21.70	0.148	21.74	0.149	21.74	0.149
20	16QAM	1	49	21.72	0.149	21.81	0.152	21.79	0.151
20	16QAM	1	99	21.75	0.150	21.82	0.152	21.80	0.151
20	16QAM	50	0	20.42	0.110	20.46	0.111	20.51	0.112
20	16QAM	50	24	20.57	0.114	20.59	0.115	20.56	0.114
20	16QAM	50	50	20.56	0.114	20.61	0.115	20.58	0.114
20	16QAM	100	0	20.55	0.114	20.47	0.111	20.61	0.115
20	64QAM	1	0	20.64	0.116	20.78	0.120	20.69	0.117
20	64QAM	1	49	20.66	0.116	20.81	0.121	20.73	0.118
20	64QAM	1	99	20.76	0.119	20.87	0.122	20.77	0.119
20	64QAM	50	0	19.77	0.095	19.81	0.096	19.91	0.098
20	64QAM	50	24	19.98	0.100	19.98	0.100	19.97	0.099
20	64QAM	50	50	20.01	0.100	20.01	0.100	20.01	0.100
20	64QAM	100	0	19.98	0.100	19.85	0.097	20.06	0.101
20	256QAM	1	0	17.54	0.057	17.68	0.059	17.59	0.057
20	256QAM	1	49	17.56	0.057	17.71	0.059	17.63	0.058
20	256QAM	1	99	17.66	0.058	17.77	0.060	17.67	0.058
20	256QAM	50	0	17.27	0.053	17.31	0.054	17.41	0.055
20	256QAM	50	24	17.48	0.056	17.65	0.058	17.47	0.056
20	256QAM	50	50	17.51	0.056	17.51	0.056	17.51	0.056
20	256QAM	100	0	17.48	0.056	17.35	0.054	17.56	0.057



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	22.42	0.175	22.46	0.176	22.39	0.173
15	QPSK	1	37	22.18	0.165	22.24	0.167	22.17	0.165
15	QPSK	1	74	22.29	0.169	22.26	0.168	22.30	0.170
15	QPSK	36	0	21.32	0.136	21.40	0.138	21.36	0.137
15	QPSK	36	20	21.25	0.133	21.28	0.134	21.32	0.136
15	QPSK	36	39	21.36	0.137	21.39	0.138	21.37	0.137
15	QPSK	75	0	21.31	0.135	21.41	0.138	21.33	0.136
15	16QAM	1	0	21.52	0.142	21.56	0.143	21.56	0.143
15	16QAM	1	37	21.54	0.143	21.63	0.146	21.61	0.145
15	16QAM	1	74	21.57	0.144	21.64	0.146	21.62	0.145
15	16QAM	36	0	20.24	0.106	20.28	0.107	20.33	0.108
15	16QAM	36	20	20.39	0.109	20.41	0.110	20.38	0.109
15	16QAM	36	39	20.38	0.109	20.43	0.110	20.40	0.110
15	16QAM	75	0	20.37	0.109	20.29	0.107	20.43	0.110
15	64QAM	1	0	20.46	0.111	20.60	0.115	20.51	0.112
15	64QAM	1	37	20.48	0.112	20.63	0.116	20.55	0.114
15	64QAM	1	74	20.58	0.114	20.69	0.117	20.59	0.115
15	64QAM	36	0	19.59	0.091	19.63	0.092	19.73	0.094
15	64QAM	36	20	19.80	0.095	19.80	0.095	19.79	0.095
15	64QAM	36	39	19.83	0.096	19.83	0.096	19.83	0.096
15	64QAM	75	0	19.80	0.095	19.67	0.093	19.88	0.097
15	256QAM	1	0	17.36	0.054	17.50	0.056	17.41	0.055
15	256QAM	1	37	17.38	0.055	17.53	0.057	17.45	0.056
15	256QAM	1	74	17.48	0.056	17.59	0.057	17.49	0.056
15	256QAM	36	0	17.09	0.051	17.13	0.052	17.23	0.053
15	256QAM	36	20	17.30	0.054	17.47	0.056	17.29	0.054
15	256QAM	36	39	17.33	0.054	17.33	0.054	17.33	0.054
15	256QAM	75	0	17.30	0.054	17.17	0.052	17.38	0.055



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	22.40	0.174	22.44	0.175	22.37	0.173
10	QPSK	1	25	22.16	0.164	22.22	0.167	22.15	0.164
10	QPSK	1	49	22.27	0.169	22.24	0.167	22.28	0.169
10	QPSK	25	0	21.30	0.135	21.38	0.137	21.34	0.136
10	QPSK	25	12	21.23	0.133	21.26	0.134	21.30	0.135
10	QPSK	25	25	21.34	0.136	21.37	0.137	21.35	0.136
10	QPSK	50	0	21.29	0.135	21.39	0.138	21.31	0.135
10	16QAM	1	0	21.50	0.141	21.54	0.143	21.54	0.143
10	16QAM	1	25	21.52	0.142	21.61	0.145	21.59	0.144
10	16QAM	1	49	21.55	0.143	21.62	0.145	21.60	0.145
10	16QAM	25	0	20.22	0.105	20.26	0.106	20.31	0.107
10	16QAM	25	12	20.37	0.109	20.39	0.109	20.36	0.109
10	16QAM	25	25	20.36	0.109	20.41	0.110	20.38	0.109
10	16QAM	50	0	20.35	0.108	20.27	0.106	20.41	0.110
10	64QAM	1	0	20.44	0.111	20.58	0.114	20.49	0.112
10	64QAM	1	25	20.46	0.111	20.61	0.115	20.53	0.113
10	64QAM	1	49	20.56	0.114	20.67	0.117	20.57	0.114
10	64QAM	25	0	19.57	0.091	19.61	0.091	19.71	0.094
10	64QAM	25	12	19.78	0.095	19.78	0.095	19.77	0.095
10	64QAM	25	25	19.81	0.096	19.81	0.096	19.81	0.096
10	64QAM	50	0	19.78	0.095	19.65	0.092	19.86	0.097
10	256QAM	1	0	17.34	0.054	17.48	0.056	17.39	0.055
10	256QAM	1	25	17.36	0.054	17.51	0.056	17.43	0.055
10	256QAM	1	49	17.46	0.056	17.57	0.057	17.47	0.056
10	256QAM	25	0	17.07	0.051	17.11	0.051	17.21	0.053
10	256QAM	25	12	17.28	0.053	17.45	0.056	17.27	0.053
10	256QAM	25	25	17.31	0.054	17.31	0.054	17.31	0.054
10	256QAM	50	0	17.28	0.053	17.15	0.052	17.36	0.054



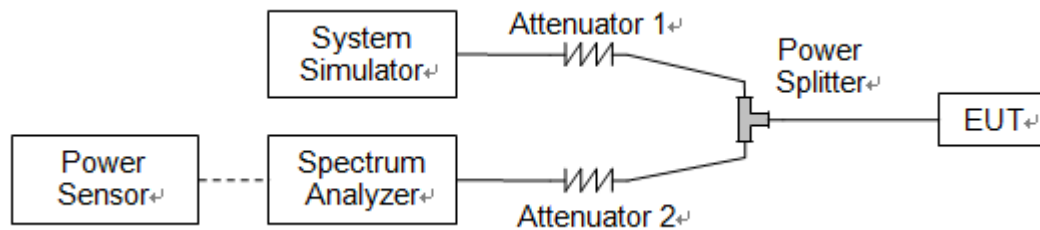
LTE Band 71				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				133147		133297		133447	
Frequency (MHz)				665.5		680.5		695.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	22.35	0.172	22.39	0.173	22.32	0.171
5	QPSK	1	12	22.11	0.163	22.17	0.165	22.10	0.162
5	QPSK	1	24	22.22	0.167	22.19	0.166	22.23	0.167
5	QPSK	12	0	21.25	0.133	21.33	0.136	21.29	0.135
5	QPSK	12	7	21.18	0.131	21.21	0.132	21.25	0.133
5	QPSK	12	13	21.29	0.135	21.32	0.136	21.30	0.135
5	QPSK	25	0	21.24	0.133	21.34	0.136	21.26	0.134
5	16QAM	1	0	21.45	0.140	21.49	0.141	21.49	0.141
5	16QAM	1	12	21.47	0.140	21.56	0.143	21.54	0.143
5	16QAM	1	24	21.50	0.141	21.57	0.144	21.55	0.143
5	16QAM	12	0	20.17	0.104	20.21	0.105	20.26	0.106
5	16QAM	12	7	20.32	0.108	20.34	0.108	20.31	0.107
5	16QAM	12	13	20.31	0.107	20.36	0.109	20.33	0.108
5	16QAM	25	0	20.30	0.107	20.22	0.105	20.36	0.109
5	64QAM	1	0	20.39	0.109	20.53	0.113	20.44	0.111
5	64QAM	1	12	20.41	0.110	20.56	0.114	20.48	0.112
5	64QAM	1	24	20.51	0.112	20.62	0.115	20.52	0.113
5	64QAM	12	0	19.52	0.090	19.56	0.090	19.66	0.092
5	64QAM	12	7	19.73	0.094	19.73	0.094	19.72	0.094
5	64QAM	12	13	19.76	0.095	19.76	0.095	19.76	0.095
5	64QAM	25	0	19.73	0.094	19.60	0.091	19.81	0.096
5	256QAM	1	0	17.29	0.054	17.43	0.055	17.34	0.054
5	256QAM	1	12	17.31	0.054	17.46	0.056	17.38	0.055
5	256QAM	1	24	17.41	0.055	17.52	0.056	17.42	0.055
5	256QAM	12	0	17.02	0.050	17.06	0.051	17.16	0.052
5	256QAM	12	7	17.23	0.053	17.40	0.055	17.22	0.053
5	256QAM	12	13	17.26	0.053	17.26	0.053	17.26	0.053
5	256QAM	25	0	17.23	0.053	17.10	0.051	17.31	0.054

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	1.1008	1.3319	PASS
B2	1.4	Low	18607	1850.7	16QAM	1.1040	1.3541	PASS
B2	1.4	Low	18607	1850.7	64QAM	1.1039	1.3384	PASS
B2	1.4	Low	18607	1850.7	256QAM	1.1036	1.3321	PASS
B2	1.4	Mid	18900	1880	QPSK	1.1046	1.3496	PASS
B2	1.4	Mid	18900	1880	16QAM	1.1099	1.3359	PASS
B2	1.4	Mid	18900	1880	64QAM	1.1036	1.3268	PASS
B2	1.4	Mid	18900	1880	256QAM	1.1025	1.3519	PASS
B2	1.4	High	19193	1909.3	QPSK	1.1045	1.3547	PASS
B2	1.4	High	19193	1909.3	16QAM	1.1087	1.3542	PASS
B2	1.4	High	19193	1909.3	64QAM	1.1003	1.3332	PASS
B2	1.4	High	19193	1909.3	256QAM	1.1035	1.3756	PASS
B2	3	Low	18615	1851.5	QPSK	2.7201	3.0772	PASS
B2	3	Low	18615	1851.5	16QAM	2.7203	3.0566	PASS
B2	3	Low	18615	1851.5	64QAM	2.7187	3.0618	PASS
B2	3	Low	18615	1851.5	256QAM	2.7153	3.0509	PASS
B2	3	Mid	18900	1880	QPSK	2.7076	3.0637	PASS
B2	3	Mid	18900	1880	16QAM	2.7161	3.0411	PASS
B2	3	Mid	18900	1880	64QAM	2.7122	3.0685	PASS
B2	3	Mid	18900	1880	256QAM	2.7132	3.0679	PASS
B2	3	High	19185	1908.5	QPSK	2.7129	3.0943	PASS
B2	3	High	19185	1908.5	16QAM	2.7211	3.0724	PASS
B2	3	High	19185	1908.5	64QAM	2.7059	3.0555	PASS
B2	3	High	19185	1908.5	256QAM	2.7206	3.0645	PASS
B2	5	Low	18625	1852.5	QPSK	4.4932	5.1167	PASS
B2	5	Low	18625	1852.5	16QAM	4.5028	5.0491	PASS
B2	5	Low	18625	1852.5	64QAM	4.4988	5.0233	PASS
B2	5	Low	18625	1852.5	256QAM	4.4963	5.0679	PASS
B2	5	Mid	18900	1880	QPSK	4.4983	5.0473	PASS
B2	5	Mid	18900	1880	16QAM	4.5051	5.0924	PASS
B2	5	Mid	18900	1880	64QAM	4.4983	5.0921	PASS
B2	5	Mid	18900	1880	256QAM	4.4928	5.0942	PASS
B2	5	High	19175	1907.5	QPSK	4.5031	5.0782	PASS



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B2	5	High	19175	1907.5	16QAM	4.5041	4.9983	PASS
B2	5	High	19175	1907.5	64QAM	4.4920	5.0477	PASS
B2	5	High	19175	1907.5	256QAM	4.5019	5.0961	PASS
B2	10	Low	18650	1855	QPSK	8.9834	9.9585	PASS
B2	10	Low	18650	1855	16QAM	8.9892	9.9788	PASS
B2	10	Low	18650	1855	64QAM	8.9827	9.8918	PASS
B2	10	Low	18650	1855	256QAM	9.0031	9.9560	PASS
B2	10	Mid	18900	1880	QPSK	9.0048	9.9385	PASS
B2	10	Mid	18900	1880	16QAM	8.9864	10.0317	PASS
B2	10	Mid	18900	1880	64QAM	8.9770	10.0257	PASS
B2	10	Mid	18900	1880	256QAM	8.9962	9.9277	PASS
B2	10	High	19150	1905	QPSK	9.0026	10.0292	PASS
B2	10	High	19150	1905	16QAM	8.9976	9.9636	PASS
B2	10	High	19150	1905	64QAM	8.9877	9.9841	PASS
B2	10	High	19150	1905	256QAM	8.9884	10.0433	PASS
B2	15	Low	18675	1857.5	QPSK	13.423	14.839	PASS
B2	15	Low	18675	1857.5	16QAM	13.445	15.033	PASS
B2	15	Low	18675	1857.5	64QAM	13.464	14.678	PASS
B2	15	Low	18675	1857.5	256QAM	13.459	14.799	PASS
B2	15	Mid	18900	1880	QPSK	13.485	14.766	PASS
B2	15	Mid	18900	1880	16QAM	13.463	14.760	PASS
B2	15	Mid	18900	1880	64QAM	13.457	14.758	PASS
B2	15	Mid	18900	1880	256QAM	13.450	14.608	PASS
B2	15	High	19125	1902.5	QPSK	13.486	14.787	PASS
B2	15	High	19125	1902.5	16QAM	13.473	14.751	PASS
B2	15	High	19125	1902.5	64QAM	13.490	14.784	PASS
B2	15	High	19125	1902.5	256QAM	13.453	14.734	PASS
B2	20	Low	18700	1860	QPSK	17.922	19.567	PASS
B2	20	Low	18700	1860	16QAM	17.903	19.613	PASS
B2	20	Low	18700	1860	64QAM	17.896	19.482	PASS
B2	20	Low	18700	1860	256QAM	17.918	19.602	PASS
B2	20	Mid	18900	1880	QPSK	17.919	19.756	PASS
B2	20	Mid	18900	1880	16QAM	17.960	19.512	PASS
B2	20	Mid	18900	1880	64QAM	17.961	19.490	PASS
B2	20	Mid	18900	1880	256QAM	17.929	19.480	PASS
B2	20	High	19100	1900	QPSK	17.970	19.661	PASS
B2	20	High	19100	1900	16QAM	17.957	19.790	PASS
B2	20	High	19100	1900	64QAM	17.935	19.633	PASS



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B2	20	High	19100	1900	256QAM	17.952	19.714	PASS
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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	1.1038	1.3665	PASS
B4	1.4	Low	19957	1710.7	16QAM	1.1092	1.3697	PASS
B4	1.4	Low	19957	1710.7	64QAM	1.1051	1.3756	PASS
B4	1.4	Low	19957	1710.7	256QAM	1.1119	1.3340	PASS
B4	1.4	Mid	20175	1732.5	QPSK	1.1030	1.3939	PASS
B4	1.4	Mid	20175	1732.5	16QAM	1.1073	1.3852	PASS
B4	1.4	Mid	20175	1732.5	64QAM	1.1033	1.3636	PASS
B4	1.4	Mid	20175	1732.5	256QAM	1.1010	1.3726	PASS
B4	1.4	High	20393	1754.3	QPSK	1.1055	1.3366	PASS
B4	1.4	High	20393	1754.3	16QAM	1.1081	1.3675	PASS
B4	1.4	High	20393	1754.3	64QAM	1.1073	1.3798	PASS
B4	1.4	High	20393	1754.3	256QAM	1.1029	1.3567	PASS
B4	3	Low	19965	1711.5	QPSK	2.7085	3.0932	PASS
B4	3	Low	19965	1711.5	16QAM	2.7180	3.0978	PASS
B4	3	Low	19965	1711.5	64QAM	2.7122	3.0618	PASS
B4	3	Low	19965	1711.5	256QAM	2.7226	3.0296	PASS
B4	3	Mid	20175	1732.5	QPSK	2.7119	3.0693	PASS
B4	3	Mid	20175	1732.5	16QAM	2.7201	3.0434	PASS
B4	3	Mid	20175	1732.5	64QAM	2.7158	3.0867	PASS
B4	3	Mid	20175	1732.5	256QAM	2.7225	3.0573	PASS
B4	3	High	20385	1753.5	QPSK	2.7064	3.0603	PASS
B4	3	High	20385	1753.5	16QAM	2.7176	3.0795	PASS
B4	3	High	20385	1753.5	64QAM	2.7175	3.0773	PASS
B4	3	High	20385	1753.5	256QAM	2.7094	3.0818	PASS
B4	5	Low	19975	1712.5	QPSK	4.5112	5.0553	PASS
B4	5	Low	19975	1712.5	16QAM	4.4998	5.0338	PASS
B4	5	Low	19975	1712.5	64QAM	4.5033	5.1128	PASS
B4	5	Low	19975	1712.5	256QAM	4.5025	5.1070	PASS
B4	5	Mid	20175	1732.5	QPSK	4.5081	5.0804	PASS
B4	5	Mid	20175	1732.5	16QAM	4.5054	5.1457	PASS
B4	5	Mid	20175	1732.5	64QAM	4.5104	5.1408	PASS
B4	5	Mid	20175	1732.5	256QAM	4.5036	5.0916	PASS
B4	5	High	20375	1752.5	QPSK	4.4986	5.0571	PASS
B4	5	High	20375	1752.5	16QAM	4.5109	5.1205	PASS
B4	5	High	20375	1752.5	64QAM	4.5058	5.0850	PASS



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B4	5	High	20375	1752.5	256QAM	4.4879	5.1294	PASS
B4	10	Low	20000	1715	QPSK	8.9851	9.8467	PASS
B4	10	Low	20000	1715	16QAM	9.0031	9.9205	PASS
B4	10	Low	20000	1715	64QAM	8.9970	10.0074	PASS
B4	10	Low	20000	1715	256QAM	8.9710	9.9789	PASS
B4	10	Mid	20175	1732.5	QPSK	9.0006	9.9184	PASS
B4	10	Mid	20175	1732.5	16QAM	8.9924	10.0820	PASS
B4	10	Mid	20175	1732.5	64QAM	8.9986	9.9251	PASS
B4	10	Mid	20175	1732.5	256QAM	9.0132	10.0390	PASS
B4	10	High	20350	1750	QPSK	8.9920	9.8892	PASS
B4	10	High	20350	1750	16QAM	9.0195	10.0382	PASS
B4	10	High	20350	1750	64QAM	8.9788	9.9300	PASS
B4	10	High	20350	1750	256QAM	8.9912	9.8896	PASS
B4	15	Low	20025	1717.5	QPSK	13.460	14.759	PASS
B4	15	Low	20025	1717.5	16QAM	13.449	14.691	PASS
B4	15	Low	20025	1717.5	64QAM	13.464	14.790	PASS
B4	15	Low	20025	1717.5	256QAM	13.463	14.744	PASS
B4	15	Mid	20175	1732.5	QPSK	13.495	14.865	PASS
B4	15	Mid	20175	1732.5	16QAM	13.473	14.846	PASS
B4	15	Mid	20175	1732.5	64QAM	13.449	14.850	PASS
B4	15	Mid	20175	1732.5	256QAM	13.464	14.840	PASS
B4	15	High	20325	1747.5	QPSK	13.472	14.816	PASS
B4	15	High	20325	1747.5	16QAM	13.482	14.766	PASS
B4	15	High	20325	1747.5	64QAM	13.465	14.914	PASS
B4	15	High	20325	1747.5	256QAM	13.475	14.831	PASS
B4	20	Low	20050	1720	QPSK	17.927	19.648	PASS
B4	20	Low	20050	1720	16QAM	17.950	19.536	PASS
B4	20	Low	20050	1720	64QAM	17.973	19.587	PASS
B4	20	Low	20050	1720	256QAM	17.915	19.438	PASS
B4	20	Mid	20175	1732.5	QPSK	17.970	19.472	PASS
B4	20	Mid	20175	1732.5	16QAM	17.956	19.598	PASS
B4	20	Mid	20175	1732.5	64QAM	17.961	19.644	PASS
B4	20	Mid	20175	1732.5	256QAM	17.955	19.639	PASS
B4	20	High	20300	1745	QPSK	17.949	19.557	PASS
B4	20	High	20300	1745	16QAM	17.977	19.640	PASS
B4	20	High	20300	1745	64QAM	17.964	19.623	PASS
B4	20	High	20300	1745	256QAM	17.954	19.525	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	1.1098	1.3698	PASS
B5	1.4	Low	20407	824.7	16QAM	1.1085	1.3996	PASS
B5	1.4	Low	20407	824.7	64QAM	1.1058	1.3906	PASS
B5	1.4	Low	20407	824.7	256QAM	1.1053	1.3654	PASS
B5	1.4	Mid	20525	836.5	QPSK	1.1065	1.3648	PASS
B5	1.4	Mid	20525	836.5	16QAM	1.1073	1.3613	PASS
B5	1.4	Mid	20525	836.5	64QAM	1.1016	1.3422	PASS
B5	1.4	Mid	20525	836.5	256QAM	1.1052	1.3597	PASS
B5	1.4	High	20643	848.3	QPSK	1.1074	1.3885	PASS
B5	1.4	High	20643	848.3	16QAM	1.1121	1.4671	PASS
B5	1.4	High	20643	848.3	64QAM	1.0999	1.3607	PASS
B5	1.4	High	20643	848.3	256QAM	1.1008	1.3482	PASS
B5	3	Low	20415	825.5	QPSK	2.7186	3.0927	PASS
B5	3	Low	20415	825.5	16QAM	2.7130	3.0806	PASS
B5	3	Low	20415	825.5	64QAM	2.7299	3.0530	PASS
B5	3	Low	20415	825.5	256QAM	2.7225	3.0950	PASS
B5	3	Mid	20525	836.5	QPSK	2.7174	3.0624	PASS
B5	3	Mid	20525	836.5	16QAM	2.7164	3.0692	PASS
B5	3	Mid	20525	836.5	64QAM	2.7216	3.0631	PASS
B5	3	Mid	20525	836.5	256QAM	2.7135	3.0941	PASS
B5	3	High	20635	847.5	QPSK	2.7315	3.0950	PASS
B5	3	High	20635	847.5	16QAM	2.7192	3.0684	PASS
B5	3	High	20635	847.5	64QAM	2.7167	3.1179	PASS
B5	3	High	20635	847.5	256QAM	2.7131	3.0751	PASS
B5	5	Low	20425	826.5	QPSK	4.5015	5.1563	PASS
B5	5	Low	20425	826.5	16QAM	4.4929	5.0770	PASS
B5	5	Low	20425	826.5	64QAM	4.5050	5.0966	PASS
B5	5	Low	20425	826.5	256QAM	4.4998	5.0081	PASS
B5	5	Mid	20525	836.5	QPSK	4.5066	5.0840	PASS
B5	5	Mid	20525	836.5	16QAM	4.5007	5.0522	PASS
B5	5	Mid	20525	836.5	64QAM	4.4983	5.0816	PASS
B5	5	Mid	20525	836.5	256QAM	4.4847	5.0029	PASS
B5	5	High	20625	846.5	QPSK	4.4910	5.0917	PASS
B5	5	High	20625	846.5	16QAM	4.5005	5.1481	PASS
B5	5	High	20625	846.5	64QAM	4.5005	5.1024	PASS



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B5	5	High	20625	846.5	256QAM	4.5172	4.7906	PASS
B5	10	Low	20450	829	QPSK	8.9761	10.0222	PASS
B5	10	Low	20450	829	16QAM	8.9744	9.9418	PASS
B5	10	Low	20450	829	64QAM	8.9579	9.9080	PASS
B5	10	Low	20450	829	256QAM	8.9705	9.8195	PASS
B5	10	Mid	20525	836.5	QPSK	8.9778	9.9782	PASS
B5	10	Mid	20525	836.5	16QAM	8.9926	10.0451	PASS
B5	10	Mid	20525	836.5	64QAM	8.9715	9.9375	PASS
B5	10	Mid	20525	836.5	256QAM	8.9990	9.9491	PASS
B5	10	High	20600	844	QPSK	9.0061	10.0007	PASS
B5	10	High	20600	844	16QAM	8.9580	9.9431	PASS
B5	10	High	20600	844	64QAM	9.0072	9.9257	PASS
B5	10	High	20600	844	256QAM	8.9777	9.8719	PASS



LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B12	1.4	Low	23017	699.7	QPSK	1.1044	1.3369	PASS
B12	1.4	Low	23017	699.7	16QAM	1.1036	1.3556	PASS
B12	1.4	Low	23017	699.7	64QAM	1.1047	1.3763	PASS
B12	1.4	Low	23017	699.7	256QAM	1.1036	1.3457	PASS
B12	1.4	Mid	23095	707.5	QPSK	1.1028	1.3240	PASS
B12	1.4	Mid	23095	707.5	16QAM	1.1082	1.3517	PASS
B12	1.4	Mid	23095	707.5	64QAM	1.1045	1.3621	PASS
B12	1.4	Mid	23095	707.5	256QAM	1.1068	1.3428	PASS
B12	1.4	High	23173	715.3	QPSK	1.1083	1.3728	PASS
B12	1.4	High	23173	715.3	16QAM	1.1051	1.3643	PASS
B12	1.4	High	23173	715.3	64QAM	1.0975	1.3337	PASS
B12	1.4	High	23173	715.3	256QAM	1.1050	1.3501	PASS
B12	3	Low	23025	700.5	QPSK	2.7207	3.1060	PASS
B12	3	Low	23025	700.5	16QAM	2.7246	3.1012	PASS
B12	3	Low	23025	700.5	64QAM	2.7152	3.0708	PASS
B12	3	Low	23025	700.5	256QAM	2.7258	3.0619	PASS
B12	3	Mid	23095	707.5	QPSK	2.7158	3.0769	PASS
B12	3	Mid	23095	707.5	16QAM	2.7113	3.0539	PASS
B12	3	Mid	23095	707.5	64QAM	2.7127	3.0645	PASS
B12	3	Mid	23095	707.5	256QAM	2.7116	3.0941	PASS
B12	3	High	23165	714.5	QPSK	2.7164	3.0677	PASS
B12	3	High	23165	714.5	16QAM	2.7110	3.0647	PASS
B12	3	High	23165	714.5	64QAM	2.7124	3.1127	PASS
B12	3	High	23165	714.5	256QAM	2.7113	3.0855	PASS
B12	5	Low	23035	701.5	QPSK	4.5076	5.0400	PASS
B12	5	Low	23035	701.5	16QAM	4.4983	5.0286	PASS
B12	5	Low	23035	701.5	64QAM	4.5054	5.0758	PASS
B12	5	Low	23035	701.5	256QAM	4.4938	5.1658	PASS
B12	5	Mid	23095	707.5	QPSK	4.4941	5.0711	PASS
B12	5	Mid	23095	707.5	16QAM	4.5119	5.0857	PASS
B12	5	Mid	23095	707.5	64QAM	4.4914	5.0991	PASS
B12	5	Mid	23095	707.5	256QAM	4.4923	5.0737	PASS
B12	5	High	23155	713.5	QPSK	4.5054	5.1314	PASS
B12	5	High	23155	713.5	16QAM	4.4962	5.0590	PASS
B12	5	High	23155	713.5	64QAM	4.4962	5.0662	PASS



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B12	5	High	23155	713.5	256QAM	4.4983	5.1480	PASS
B12	10	Low	23060	704	QPSK	8.9823	9.9383	PASS
B12	10	Low	23060	704	16QAM	8.9688	9.8364	PASS
B12	10	Low	23060	704	64QAM	8.9870	9.9868	PASS
B12	10	Low	23060	704	256QAM	8.9674	9.9031	PASS
B12	10	Mid	23095	707.5	QPSK	8.9703	9.9930	PASS
B12	10	Mid	23095	707.5	16QAM	8.9866	9.8297	PASS
B12	10	Mid	23095	707.5	64QAM	8.9612	9.9107	PASS
B12	10	Mid	23095	707.5	256QAM	8.9685	9.8806	PASS
B12	10	High	23130	711	QPSK	8.9835	9.9148	PASS
B12	10	High	23130	711	16QAM	8.9913	9.9625	PASS
B12	10	High	23130	711	64QAM	8.9896	9.8750	PASS
B12	10	High	23130	711	256QAM	8.9906	9.9174	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	4.4954	5.2036	PASS
B17	5	Low	23755	706.5	16QAM	4.4954	5.0940	PASS
B17	5	Low	23755	706.5	64QAM	4.5050	5.1174	PASS
B17	5	Low	23755	706.5	256QAM	4.5001	5.1291	PASS
B17	5	Mid	23790	710	QPSK	4.5135	5.3410	PASS
B17	5	Mid	23790	710	16QAM	4.5073	5.1730	PASS
B17	5	Mid	23790	710	64QAM	4.4973	5.0373	PASS
B17	5	Mid	23790	710	256QAM	4.5000	5.0547	PASS
B17	5	High	23825	713.5	QPSK	4.5066	5.1605	PASS
B17	5	High	23825	713.5	16QAM	4.5028	5.0578	PASS
B17	5	High	23825	713.5	64QAM	4.5076	5.0699	PASS
B17	5	High	23825	713.5	256QAM	4.4955	5.7440	PASS
B17	10	Low	23780	709	QPSK	8.9788	9.9983	PASS
B17	10	Low	23780	709	16QAM	8.9956	9.9240	PASS
B17	10	Low	23780	709	64QAM	8.9733	9.9737	PASS
B17	10	Low	23780	709	256QAM	8.9497	9.8316	PASS
B17	10	Mid	23790	710	QPSK	8.9932	10.0200	PASS
B17	10	Mid	23790	710	16QAM	8.9974	9.9711	PASS
B17	10	Mid	23790	710	64QAM	8.9930	11.8669	PASS
B17	10	Mid	23790	710	256QAM	8.9802	9.8435	PASS
B17	10	High	23800	711	QPSK	9.0106	10.0586	PASS
B17	10	High	23800	711	16QAM	8.9848	10.0428	PASS
B17	10	High	23800	711	64QAM	8.9745	9.9757	PASS
B17	10	High	23800	711	256QAM	8.9859	9.8848	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	1.1044	1.3456	PASS
B25	1.4	Low	26047	1850.7	16QAM	1.1091	1.3502	PASS
B25	1.4	Low	26047	1850.7	64QAM	1.1028	1.3872	PASS
B25	1.4	Low	26047	1850.7	256QAM	1.1000	1.3235	PASS
B25	1.4	Mid	26365	1882.5	QPSK	1.1009	1.3702	PASS
B25	1.4	Mid	26365	1882.5	16QAM	1.1098	1.3716	PASS
B25	1.4	Mid	26365	1882.5	64QAM	1.1056	1.3655	PASS
B25	1.4	Mid	26365	1882.5	256QAM	1.1016	1.3603	PASS
B25	1.4	High	26683	1914.3	QPSK	1.1058	1.3886	PASS
B25	1.4	High	26683	1914.3	16QAM	1.1171	1.4139	PASS
B25	1.4	High	26683	1914.3	64QAM	1.1031	1.3679	PASS
B25	1.4	High	26683	1914.3	256QAM	1.1054	1.3533	PASS
B25	3	Low	26055	1851.5	QPSK	2.7115	3.0749	PASS
B25	3	Low	26055	1851.5	16QAM	2.7089	3.0761	PASS
B25	3	Low	26055	1851.5	64QAM	2.7125	3.0470	PASS
B25	3	Low	26055	1851.5	256QAM	2.7091	3.0550	PASS
B25	3	Mid	26365	1882.5	QPSK	2.7073	3.0173	PASS
B25	3	Mid	26365	1882.5	16QAM	2.7113	3.0689	PASS
B25	3	Mid	26365	1882.5	64QAM	2.7174	3.0578	PASS
B25	3	Mid	26365	1882.5	256QAM	2.7104	3.0474	PASS
B25	3	High	26675	1913.5	QPSK	2.7123	3.1081	PASS
B25	3	High	26675	1913.5	16QAM	2.7090	3.0922	PASS
B25	3	High	26675	1913.5	64QAM	2.7158	3.0626	PASS
B25	3	High	26675	1913.5	256QAM	2.7154	3.0768	PASS
B25	5	Low	26065	1852.5	QPSK	4.5046	5.1148	PASS
B25	5	Low	26065	1852.5	16QAM	4.5062	5.0879	PASS
B25	5	Low	26065	1852.5	64QAM	4.5044	5.0301	PASS
B25	5	Low	26065	1852.5	256QAM	4.4964	5.1023	PASS
B25	5	Mid	26365	1882.5	QPSK	4.4926	5.0010	PASS
B25	5	Mid	26365	1882.5	16QAM	4.4956	5.0372	PASS
B25	5	Mid	26365	1882.5	64QAM	4.4907	5.0637	PASS
B25	5	Mid	26365	1882.5	256QAM	4.4947	5.0472	PASS
B25	5	High	26665	1912.5	QPSK	4.4956	5.0800	PASS
B25	5	High	26665	1912.5	16QAM	4.4987	4.9973	PASS
B25	5	High	26665	1912.5	64QAM	4.4961	5.0497	PASS



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B25	5	High	26665	1912.5	256QAM	4.4949	5.0800	PASS
B25	10	Low	26090	1855	QPSK	8.9603	10.0256	PASS
B25	10	Low	26090	1855	16QAM	8.9876	9.9155	PASS
B25	10	Low	26090	1855	64QAM	8.9892	10.0272	PASS
B25	10	Low	26090	1855	256QAM	8.9987	9.9385	PASS
B25	10	Mid	26365	1882.5	QPSK	9.0041	9.9863	PASS
B25	10	Mid	26365	1882.5	16QAM	8.9877	9.9871	PASS
B25	10	Mid	26365	1882.5	64QAM	8.9785	9.9028	PASS
B25	10	Mid	26365	1882.5	256QAM	9.0328	9.8703	PASS
B25	10	High	26640	1910	QPSK	8.9850	9.8969	PASS
B25	10	High	26640	1910	16QAM	8.9947	9.8281	PASS
B25	10	High	26640	1910	64QAM	8.9700	9.8503	PASS
B25	10	High	26640	1910	256QAM	9.0020	9.8631	PASS
B25	15	Low	26115	1857.5	QPSK	13.442	14.812	PASS
B25	15	Low	26115	1857.5	16QAM	13.489	14.647	PASS
B25	15	Low	26115	1857.5	64QAM	13.440	14.944	PASS
B25	15	Low	26115	1857.5	256QAM	13.446	14.794	PASS
B25	15	Mid	26365	1882.5	QPSK	13.472	14.751	PASS
B25	15	Mid	26365	1882.5	16QAM	13.469	14.690	PASS
B25	15	Mid	26365	1882.5	64QAM	13.457	14.741	PASS
B25	15	Mid	26365	1882.5	256QAM	13.458	14.741	PASS
B25	15	High	26615	1907.5	QPSK	13.469	14.650	PASS
B25	15	High	26615	1907.5	16QAM	13.433	14.656	PASS
B25	15	High	26615	1907.5	64QAM	13.459	14.658	PASS
B25	15	High	26615	1907.5	256QAM	13.454	14.725	PASS
B25	20	Low	26140	1860	QPSK	17.941	19.754	PASS
B25	20	Low	26140	1860	16QAM	17.924	19.603	PASS
B25	20	Low	26140	1860	64QAM	17.940	19.520	PASS
B25	20	Low	26140	1860	256QAM	17.934	19.480	PASS
B25	20	Mid	26365	1882.5	QPSK	17.939	19.859	PASS
B25	20	Mid	26365	1882.5	16QAM	17.973	19.623	PASS
B25	20	Mid	26365	1882.5	64QAM	17.927	19.650	PASS
B25	20	Mid	26365	1882.5	256QAM	17.922	19.523	PASS
B25	20	High	26590	1905	QPSK	18.003	19.643	PASS
B25	20	High	26590	1905	16QAM	17.945	19.431	PASS
B25	20	High	26590	1905	64QAM	17.936	19.591	PASS
B25	20	High	26590	1905	256QAM	17.941	19.557	PASS



LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B30	5	Low	27685	2307.5	QPSK	4.4961	5.1579	PASS
B30	5	Low	27685	2307.5	16QAM	4.4932	5.0457	PASS
B30	5	Low	27685	2307.5	64QAM	4.5114	5.0936	PASS
B30	5	Low	27685	2307.5	256QAM	4.4929	5.1281	PASS
B30	5	Mid	27710	2310	QPSK	4.4909	5.1027	PASS
B30	5	Mid	27710	2310	16QAM	4.5029	5.1228	PASS
B30	5	Mid	27710	2310	64QAM	4.4980	5.1333	PASS
B30	5	Mid	27710	2310	256QAM	4.4937	5.1052	PASS
B30	5	High	27735	2312.5	QPSK	4.4994	5.2044	PASS
B30	5	High	27735	2312.5	16QAM	4.5024	5.1388	PASS
B30	5	High	27735	2312.5	64QAM	4.5087	5.1471	PASS
B30	5	High	27735	2312.5	256QAM	4.5078	5.1002	PASS
B30	10	Mid	27710	2310	QPSK	9.0001	10.0246	PASS
B30	10	Mid	27710	2310	16QAM	8.9957	9.9740	PASS
B30	10	Mid	27710	2310	64QAM	8.9852	9.9890	PASS
B30	10	Mid	27710	2310	256QAM	8.9823	9.8932	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	4.4947	4.9877	PASS
B41	5	Low	39675	2498.5	16QAM	4.4909	5.0788	PASS
B41	5	Low	39675	2498.5	64QAM	4.5072	5.1149	PASS
B41	5	Low	39675	2498.5	256QAM	4.5020	5.2839	PASS
B41	5	Mid	40620	2593	QPSK	4.5095	5.0926	PASS
B41	5	Mid	40620	2593	16QAM	4.4827	5.1291	PASS
B41	5	Mid	40620	2593	64QAM	4.4968	5.0508	PASS
B41	5	Mid	40620	2593	256QAM	4.4951	5.1543	PASS
B41	5	High	41565	2687.5	QPSK	4.5097	5.3646	PASS
B41	5	High	41565	2687.5	16QAM	4.4958	5.0578	PASS
B41	5	High	41565	2687.5	64QAM	4.5075	5.1527	PASS
B41	5	High	41565	2687.5	256QAM	4.4971	5.2094	PASS
B41	10	Low	39700	2501	QPSK	8.9867	10.0759	PASS
B41	10	Low	39700	2501	16QAM	8.9924	10.0337	PASS
B41	10	Low	39700	2501	64QAM	8.9910	10.3327	PASS
B41	10	Low	39700	2501	256QAM	9.0068	10.1695	PASS
B41	10	Mid	40620	2593	QPSK	9.0094	10.3754	PASS
B41	10	Mid	40620	2593	16QAM	8.9749	9.9607	PASS
B41	10	Mid	40620	2593	64QAM	8.9905	10.1408	PASS
B41	10	Mid	40620	2593	256QAM	8.9753	10.1130	PASS
B41	10	High	41540	2685	QPSK	9.0067	10.1181	PASS
B41	10	High	41540	2685	16QAM	8.9958	10.3693	PASS
B41	10	High	41540	2685	64QAM	9.0006	9.8599	PASS
B41	10	High	41540	2685	256QAM	8.9703	10.0793	PASS
B41	15	Low	39725	2503.5	QPSK	13.467	14.727	PASS
B41	15	Low	39725	2503.5	16QAM	13.435	15.733	PASS
B41	15	Low	39725	2503.5	64QAM	13.492	14.730	PASS
B41	15	Low	39725	2503.5	256QAM	13.475	15.454	PASS
B41	15	Mid	40620	2593	QPSK	13.448	14.838	PASS
B41	15	Mid	40620	2593	16QAM	13.464	14.696	PASS
B41	15	Mid	40620	2593	64QAM	13.452	14.793	PASS
B41	15	Mid	40620	2593	256QAM	13.448	14.785	PASS
B41	15	High	41515	2682.5	QPSK	13.441	15.062	PASS
B41	15	High	41515	2682.5	16QAM	13.470	14.857	PASS
B41	15	High	41515	2682.5	64QAM	13.461	14.639	PASS



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B41	15	High	41515	2682.5	256QAM	13.443	15.142	PASS
B41	20	Low	39750	2506	QPSK	17.950	20.190	PASS
B41	20	Low	39750	2506	16QAM	17.982	19.500	PASS
B41	20	Low	39750	2506	64QAM	18.011	21.510	PASS
B41	20	Low	39750	2506	256QAM	17.972	19.793	PASS
B41	20	Mid	40620	2593	QPSK	17.958	20.364	PASS
B41	20	Mid	40620	2593	16QAM	17.924	19.635	PASS
B41	20	Mid	40620	2593	64QAM	17.942	19.374	PASS
B41	20	Mid	40620	2593	256QAM	17.974	19.564	PASS
B41	20	High	41490	2680	QPSK	17.955	20.471	PASS
B41	20	High	41490	2680	16QAM	17.928	19.677	PASS
B41	20	High	41490	2680	64QAM	17.938	19.554	PASS
B41	20	High	41490	2680	256QAM	17.915	19.614	PASS



LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B66	1.4	Low	131979	1710.7	QPSK	1.1088	1.3627	PASS
B66	1.4	Low	131979	1710.7	16QAM	1.1057	1.3552	PASS
B66	1.4	Low	131979	1710.7	64QAM	1.1053	1.3795	PASS
B66	1.4	Low	131979	1710.7	256QAM	1.1103	1.3619	PASS
B66	1.4	Mid	132322	1745	QPSK	1.1063	1.3550	PASS
B66	1.4	Mid	132322	1745	16QAM	1.1079	1.3471	PASS
B66	1.4	Mid	132322	1745	64QAM	1.1066	1.3609	PASS
B66	1.4	Mid	132322	1745	256QAM	1.1059	1.3469	PASS
B66	1.4	High	132665	1779.3	QPSK	1.1074	1.3421	PASS
B66	1.4	High	132665	1779.3	16QAM	1.1113	1.3721	PASS
B66	1.4	High	132665	1779.3	64QAM	1.1053	1.3675	PASS
B66	1.4	High	132665	1779.3	256QAM	1.1057	1.3631	PASS
B66	3	Low	131987	1711.5	QPSK	2.7210	3.0747	PASS
B66	3	Low	131987	1711.5	16QAM	2.7114	3.0672	PASS
B66	3	Low	131987	1711.5	64QAM	2.7210	3.0765	PASS
B66	3	Low	131987	1711.5	256QAM	2.7194	3.0975	PASS
B66	3	Mid	132322	1745	QPSK	2.7185	3.0868	PASS
B66	3	Mid	132322	1745	16QAM	2.7125	3.0384	PASS
B66	3	Mid	132322	1745	64QAM	2.7173	3.0700	PASS
B66	3	Mid	132322	1745	256QAM	2.7197	3.0840	PASS
B66	3	High	132657	1778.5	QPSK	2.7156	3.0419	PASS
B66	3	High	132657	1778.5	16QAM	2.7147	3.0497	PASS
B66	3	High	132657	1778.5	64QAM	2.7138	3.0447	PASS
B66	3	High	132657	1778.5	256QAM	2.7166	3.0639	PASS
B66	5	Low	131997	1712.5	QPSK	4.5015	5.0870	PASS
B66	5	Low	131997	1712.5	16QAM	4.5020	5.0400	PASS
B66	5	Low	131997	1712.5	64QAM	4.4986	5.0919	PASS
B66	5	Low	131997	1712.5	256QAM	4.5142	5.0981	PASS
B66	5	Mid	132322	1745	QPSK	4.5072	5.0679	PASS
B66	5	Mid	132322	1745	16QAM	4.4943	5.0358	PASS
B66	5	Mid	132322	1745	64QAM	4.5082	5.1526	PASS
B66	5	Mid	132322	1745	256QAM	4.5039	5.0502	PASS
B66	5	High	132647	1777.5	QPSK	4.5072	5.0566	PASS
B66	5	High	132647	1777.5	16QAM	4.4999	5.0136	PASS
B66	5	High	132647	1777.5	64QAM	4.5038	5.0250	PASS



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B66	5	High	132647	1777.5	256QAM	4.4929	5.0771	PASS
B66	10	Low	132022	1715	QPSK	8.9951	9.9612	PASS
B66	10	Low	132022	1715	16QAM	8.9901	10.0251	PASS
B66	10	Low	132022	1715	64QAM	8.9947	10.0371	PASS
B66	10	Low	132022	1715	256QAM	9.0165	9.9675	PASS
B66	10	Mid	132322	1745	QPSK	8.9881	9.9573	PASS
B66	10	Mid	132322	1745	16QAM	9.0152	10.0280	PASS
B66	10	Mid	132322	1745	64QAM	8.9801	9.9902	PASS
B66	10	Mid	132322	1745	256QAM	9.0031	10.1203	PASS
B66	10	High	132622	1775	QPSK	8.9766	9.9845	PASS
B66	10	High	132622	1775	16QAM	8.9786	10.0213	PASS
B66	10	High	132622	1775	64QAM	8.9870	10.0540	PASS
B66	10	High	132622	1775	256QAM	9.0018	9.8347	PASS
B66	15	Low	132047	1717.5	QPSK	13.454	14.938	PASS
B66	15	Low	132047	1717.5	16QAM	13.469	14.560	PASS
B66	15	Low	132047	1717.5	64QAM	13.450	14.727	PASS
B66	15	Low	132047	1717.5	256QAM	13.448	14.765	PASS
B66	15	Mid	132322	1745	QPSK	13.431	14.670	PASS
B66	15	Mid	132322	1745	16QAM	13.463	14.793	PASS
B66	15	Mid	132322	1745	64QAM	13.480	14.871	PASS
B66	15	Mid	132322	1745	256QAM	13.464	14.894	PASS
B66	15	High	132597	1772.5	QPSK	13.478	14.648	PASS
B66	15	High	132597	1772.5	16QAM	13.461	14.800	PASS
B66	15	High	132597	1772.5	64QAM	13.494	14.679	PASS
B66	15	High	132597	1772.5	256QAM	13.489	14.810	PASS
B66	20	Low	132072	1720	QPSK	17.927	19.518	PASS
B66	20	Low	132072	1720	16QAM	17.997	19.447	PASS
B66	20	Low	132072	1720	64QAM	17.915	19.397	PASS
B66	20	Low	132072	1720	256QAM	17.969	19.527	PASS
B66	20	Mid	132322	1745	QPSK	17.993	19.596	PASS
B66	20	Mid	132322	1745	16QAM	17.952	19.740	PASS
B66	20	Mid	132322	1745	64QAM	17.963	19.637	PASS
B66	20	Mid	132322	1745	256QAM	17.976	19.585	PASS
B66	20	High	132572	1770	QPSK	17.941	19.591	PASS
B66	20	High	132572	1770	16QAM	17.945	19.764	PASS
B66	20	High	132572	1770	64QAM	17.981	19.496	PASS
B66	20	High	132572	1770	256QAM	17.934	19.625	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	4.4886	5.0361	PASS
B71	5	Low	133147	665.5	16QAM	4.4985	5.0420	PASS
B71	5	Low	133147	665.5	64QAM	4.5014	5.0510	PASS
B71	5	Low	133147	665.5	256QAM	4.4983	5.0864	PASS
B71	5	Mid	133297	680.5	QPSK	4.5284	5.0718	PASS
B71	5	Mid	133297	680.5	16QAM	4.4929	5.0460	PASS
B71	5	Mid	133297	680.5	64QAM	4.5194	5.0662	PASS
B71	5	Mid	133297	680.5	256QAM	4.4998	5.0380	PASS
B71	5	High	133447	695.5	QPSK	4.4912	5.1115	PASS
B71	5	High	133447	695.5	16QAM	4.4978	5.1286	PASS
B71	5	High	133447	695.5	64QAM	4.4969	5.1002	PASS
B71	5	High	133447	695.5	256QAM	4.5056	5.1083	PASS
B71	10	Low	133172	668	QPSK	8.9599	9.9652	PASS
B71	10	Low	133172	668	16QAM	8.9774	9.9696	PASS
B71	10	Low	133172	668	64QAM	8.9873	9.9338	PASS
B71	10	Low	133172	668	256QAM	8.9744	9.9431	PASS
B71	10	Mid	133297	680.5	QPSK	8.9865	9.9565	PASS
B71	10	Mid	133297	680.5	16QAM	8.9777	9.8779	PASS
B71	10	Mid	133297	680.5	64QAM	8.9863	9.9451	PASS
B71	10	Mid	133297	680.5	256QAM	8.9798	9.9099	PASS
B71	10	High	133422	693	QPSK	9.0007	10.0906	PASS
B71	10	High	133422	693	16QAM	8.9920	9.9216	PASS
B71	10	High	133422	693	64QAM	8.9772	10.0081	PASS
B71	10	High	133422	693	256QAM	8.9551	9.8833	PASS
B71	15	Low	133197	670.5	QPSK	13.429	14.896	PASS
B71	15	Low	133197	670.5	16QAM	13.431	14.799	PASS
B71	15	Low	133197	670.5	64QAM	13.449	14.860	PASS
B71	15	Low	133197	670.5	256QAM	13.442	14.726	PASS
B71	15	Mid	133297	680.5	QPSK	13.458	14.789	PASS
B71	15	Mid	133297	680.5	16QAM	13.438	14.699	PASS
B71	15	Mid	133297	680.5	64QAM	13.431	14.769	PASS
B71	15	Mid	133297	680.5	256QAM	13.444	14.747	PASS
B71	15	High	133397	690.5	QPSK	13.465	14.826	PASS
B71	15	High	133397	690.5	16QAM	13.458	14.780	PASS
B71	15	High	133397	690.5	64QAM	13.458	14.848	PASS



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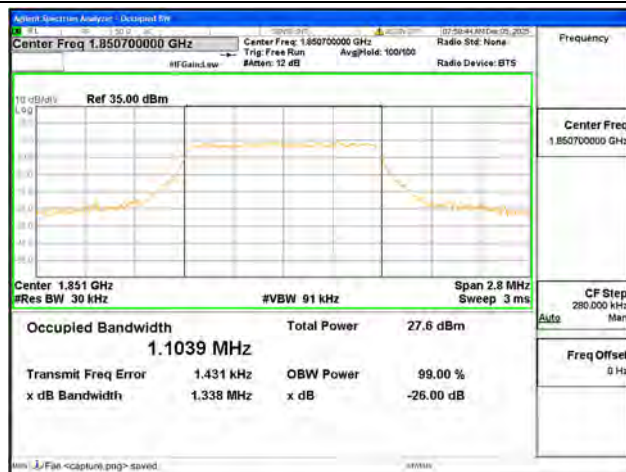
B71	15	High	133397	690.5	256QAM	13.450	14.681	PASS
B71	20	Low	133222	673	QPSK	17.927	19.608	PASS
B71	20	Low	133222	673	16QAM	17.885	19.496	PASS
B71	20	Low	133222	673	64QAM	17.910	19.522	PASS
B71	20	Low	133222	673	256QAM	17.901	19.433	PASS
B71	20	Mid	133322	683	QPSK	17.950	19.528	PASS
B71	20	Mid	133322	683	16QAM	17.912	19.675	PASS
B71	20	Mid	133322	683	64QAM	17.880	19.448	PASS
B71	20	Mid	133322	683	256QAM	17.889	19.470	PASS
B71	20	High	133372	688	QPSK	17.918	19.612	PASS
B71	20	High	133372	688	16QAM	17.917	19.567	PASS
B71	20	High	133372	688	64QAM	18.119	18.663	PASS
B71	20	High	133372	688	256QAM	17.906	19.374	PASS



B2 / 1.4MHz / QPSK/ Low CH



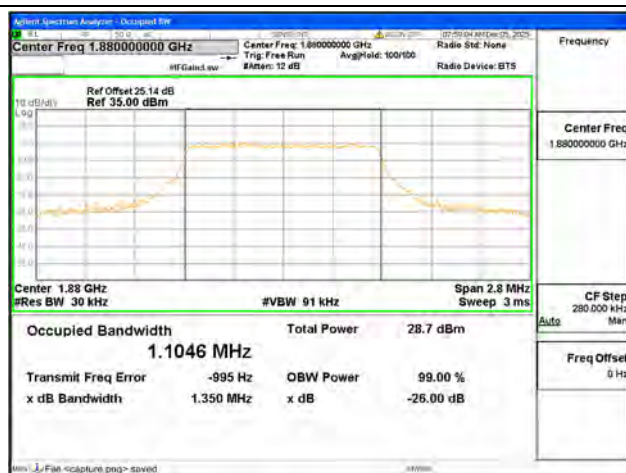
B2 / 1.4MHz / 16QAM/ Low CH



B2 / 1.4MHz / 64QAM/ Low CH



B2 / 1.4MHz / 256QAM/ Low CH



B2 / 1.4MHz / QPSK/ Mid CH



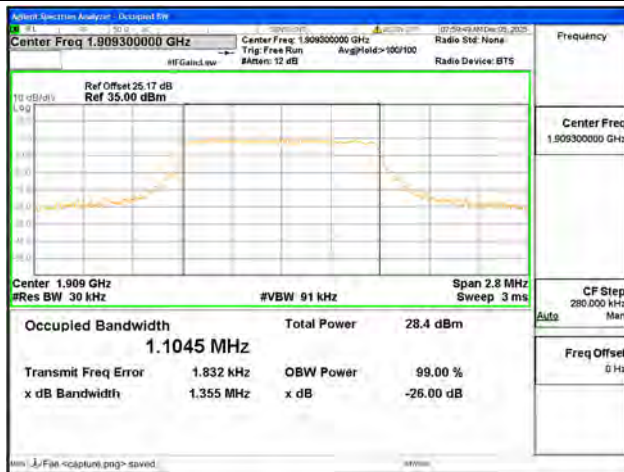
B2 / 1.4MHz / 16QAM/ Mid CH



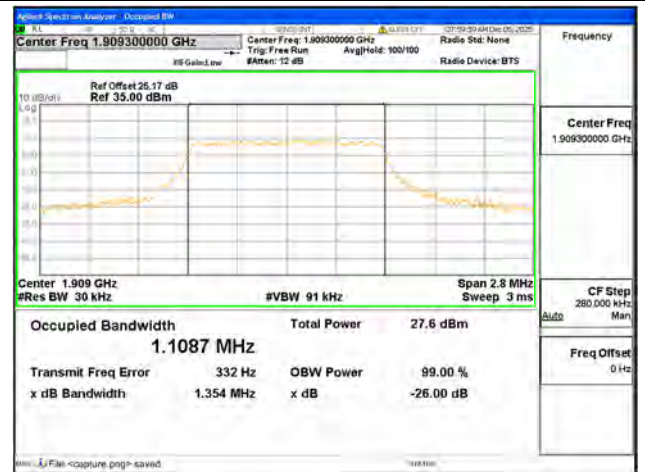
B2 / 1.4MHz / 64QAM/ Mid CH



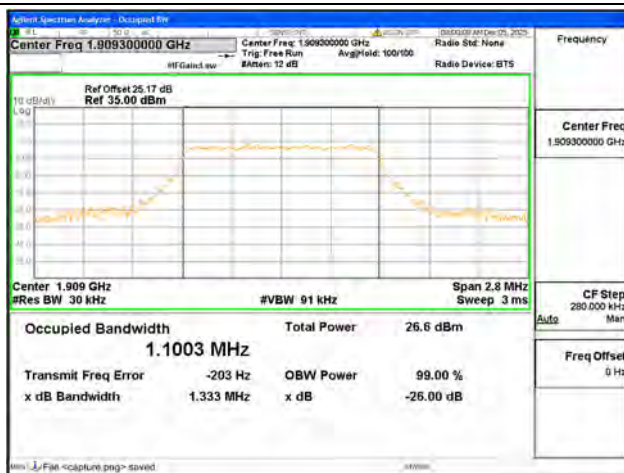
B2 / 1.4MHz / 256QAM/ Mid CH



B2 / 1.4MHz / QPSK/ High CH



B2 / 1.4MHz / 16QAM/ High CH



B2 / 1.4MHz / 64QAM/ High CH



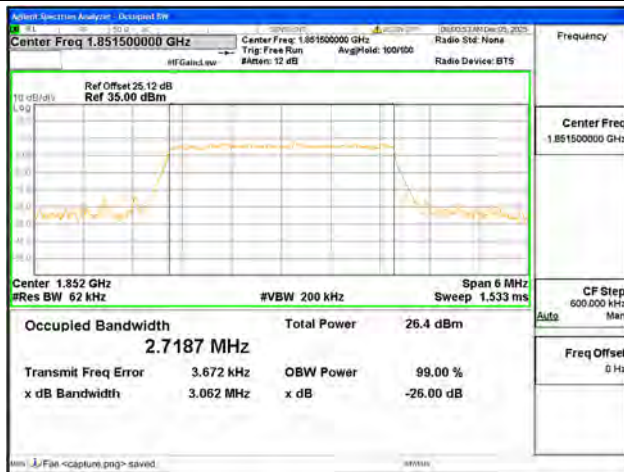
B2 / 1.4MHz / 256QAM/ High CH



B2 / 3MHz / QPSK/ Low CH



B2 / 3MHz / 16QAM/ Low CH



B2 / 3MHz / 64QAM/ Low CH



B2 / 3MHz / 256QAM/ Low CH



B2 / 3MHz / QPSK/ Mid CH



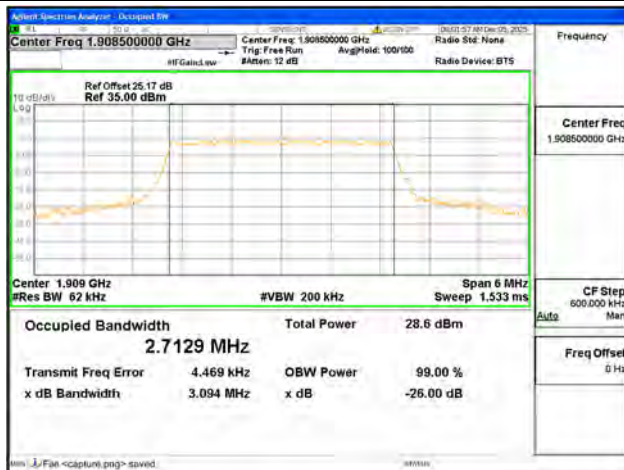
B2 / 3MHz / 16QAM/ Mid CH



B2 / 3MHz / 64QAM/ Mid CH



B2 / 3MHz / 256QAM/ Mid CH



B2 / 3MHz / QPSK/ High CH



B2 / 3MHz / 16QAM/ High CH



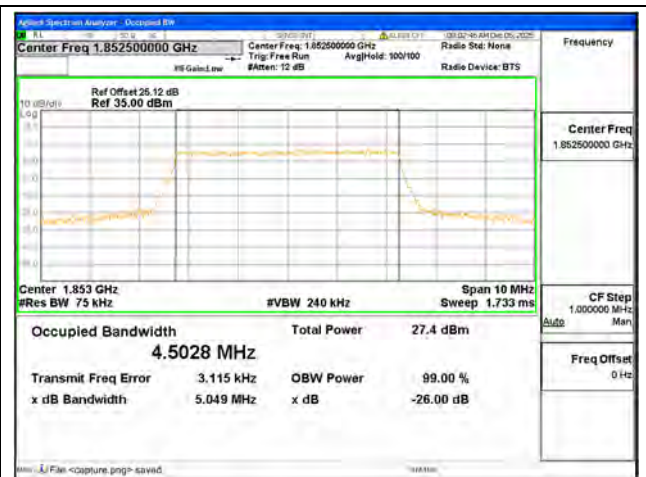
B2 / 3MHz / 64QAM/ High CH



B2 / 3MHz / 256QAM/ High CH



B2 / 5MHz / QPSK/ Low CH



B2 / 5MHz / 16QAM/ Low CH



B2 / 5MHz / 64QAM/ Low CH



B2 / 5MHz / 256QAM/ Low CH



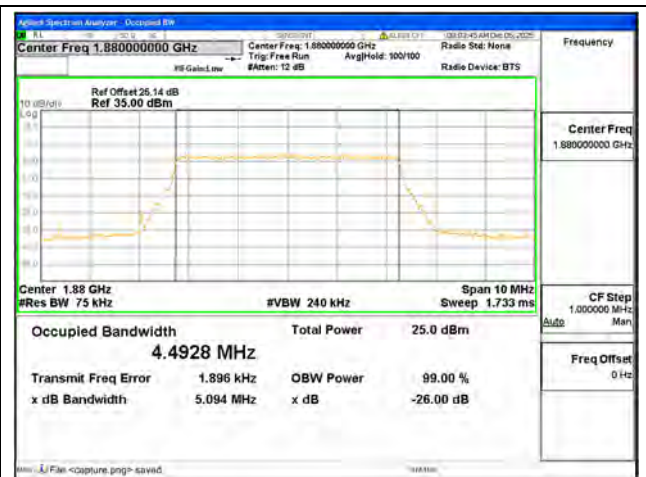
B2 / 5MHz / QPSK/ Mid CH



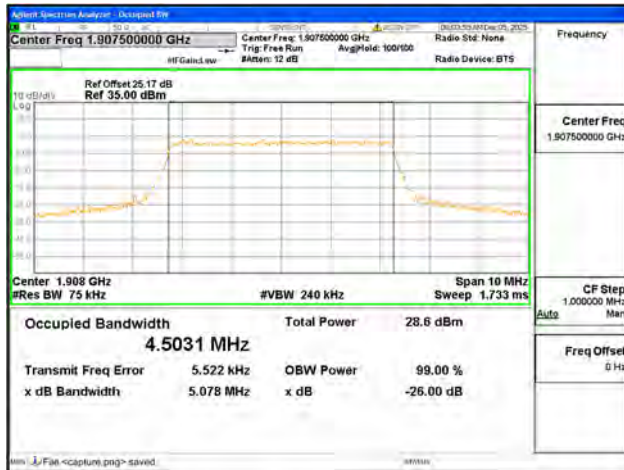
B2 / 5MHz / 16QAM/ Mid CH



B2 / 5MHz / 64QAM/ Mid CH



B2 / 5MHz / 256QAM/ Mid CH



B2 / 5MHz / QPSK/ High CH



B2 / 5MHz / 16QAM/ High CH



B2 / 5MHz / 64QAM/ High CH



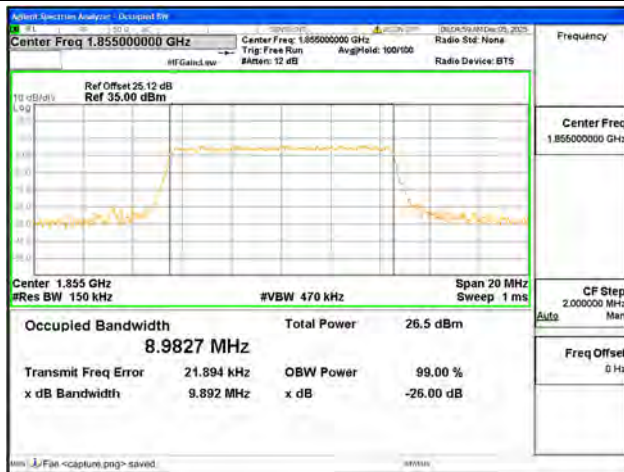
B2 / 5MHz / 256QAM/ High CH



B2 / 10MHz / QPSK/ Low CH



B2 / 10MHz / 16QAM/ Low CH



B2 / 10MHz / 64QAM/ Low CH



B2 / 10MHz / 256QAM/ Low CH



B2 / 10MHz / QPSK/ Mid CH



B2 / 10MHz / 16QAM/ Mid CH



B2 / 10MHz / 64QAM/ Mid CH



B2 / 10MHz / 256QAM/ Mid CH



B2 / 10MHz / QPSK/ High CH



B2 / 10MHz / 16QAM/ High CH



B2 / 10MHz / 64QAM/ High CH



B2 / 10MHz / 256QAM/ High CH



B2 / 15MHz / QPSK/ Low CH



B2 / 15MHz / 16QAM/ Low CH



B2 / 15MHz / 64QAM/ Low CH



B2 / 15MHz / 256QAM/ Low CH



B2 / 15MHz / QPSK/ Mid CH



B2 / 15MHz / 16QAM/ Mid CH



B2 / 15MHz / 64QAM/ Mid CH



B2 / 15MHz / 256QAM/ Mid CH



B2 / 15MHz / QPSK/ High CH



B2 / 15MHz / 16QAM/ High CH



B2 / 15MHz / 64QAM/ High CH



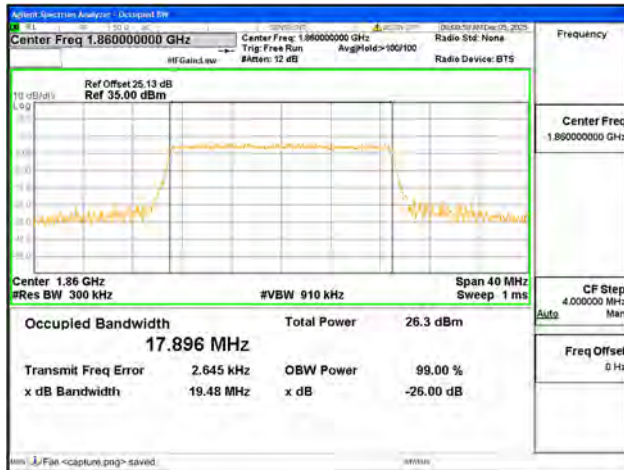
B2 / 15MHz / 256QAM/ High CH



B2 / 20MHz / QPSK/ Low CH



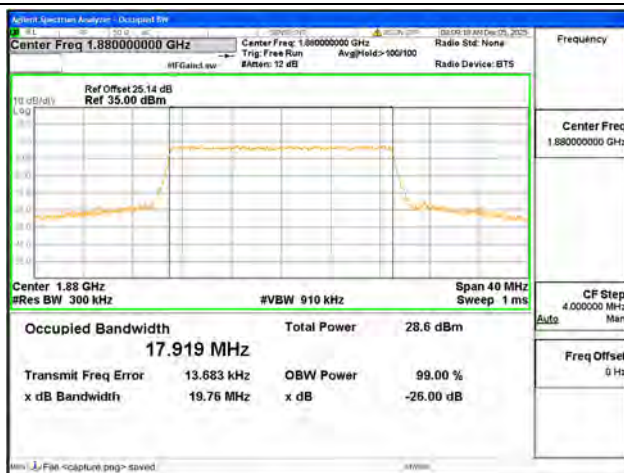
B2 / 20MHz / 16QAM/ Low CH



B2 / 20MHz / 64QAM/ Low CH



B2 / 20MHz / 256QAM/ Low CH



B2 / 20MHz / QPSK/ Mid CH



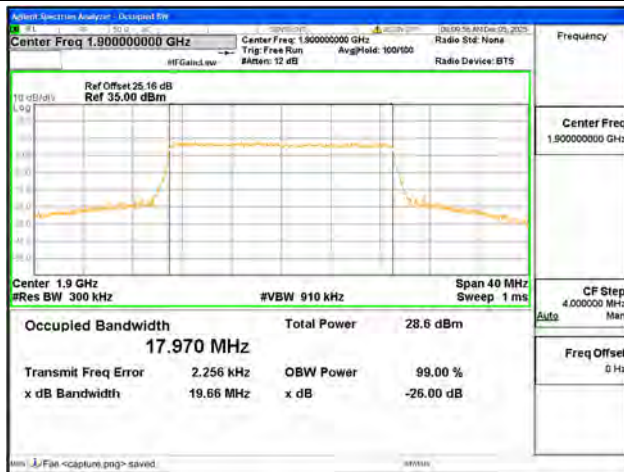
B2 / 20MHz / 16QAM/ Mid CH



B2 / 20MHz / 64QAM/ Mid CH



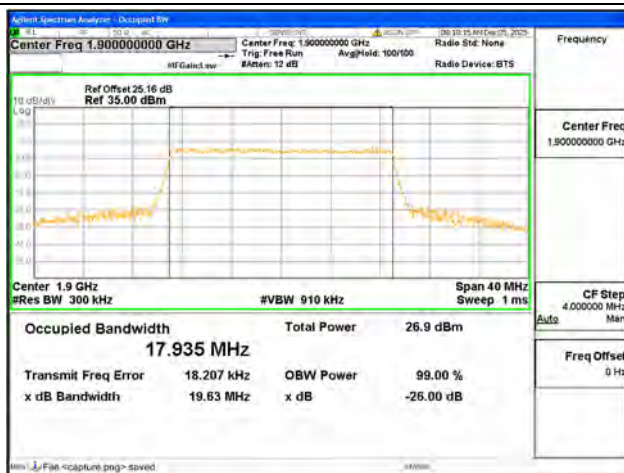
B2 / 20MHz / 256QAM/ Mid CH



B2 / 20MHz / QPSK/ High CH



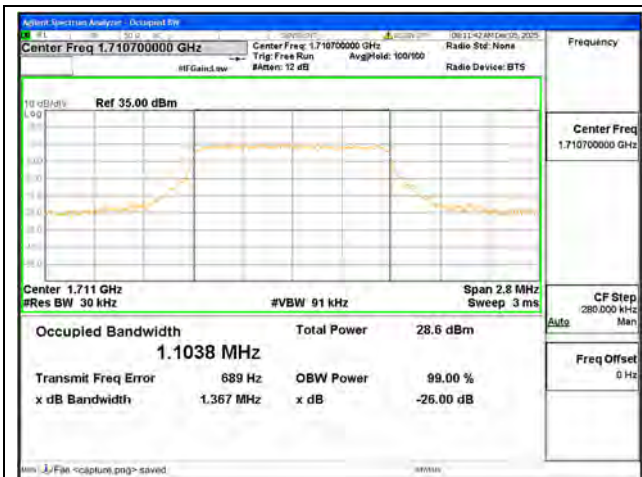
B2 / 20MHz / 16QAM/ High CH



B2 / 20MHz / 64QAM/ High CH



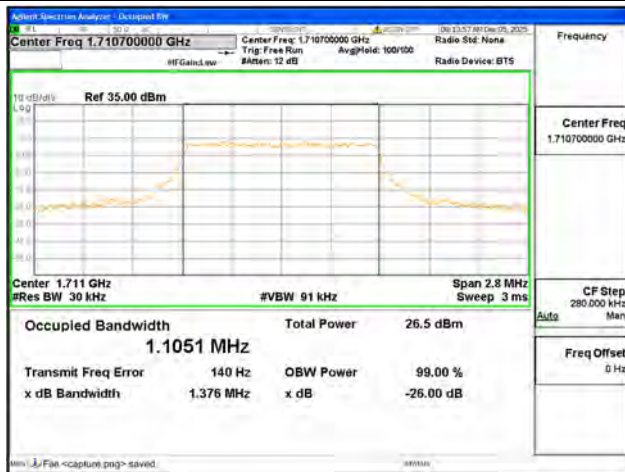
B2 / 20MHz / 256QAM/ High CH



B4 / 1.4MHz / QPSK / Low CH



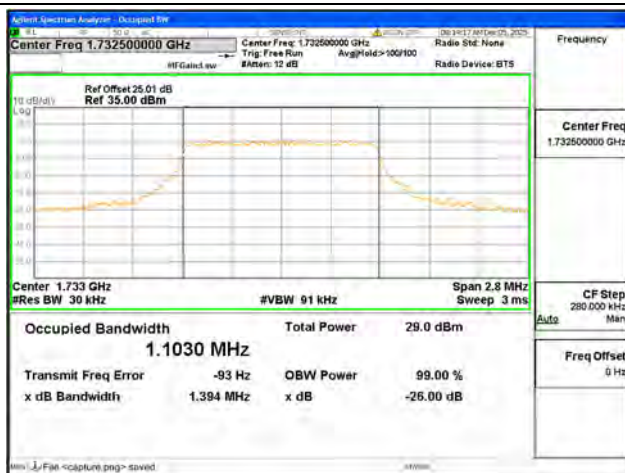
B4 / 1.4MHz / 16QAM / Low CH



B4 / 1.4MHz / 64QAM / Low CH



B4 / 1.4MHz / 256QAM / Low CH



B4 / 1.4MHz / QPSK / Mid CH



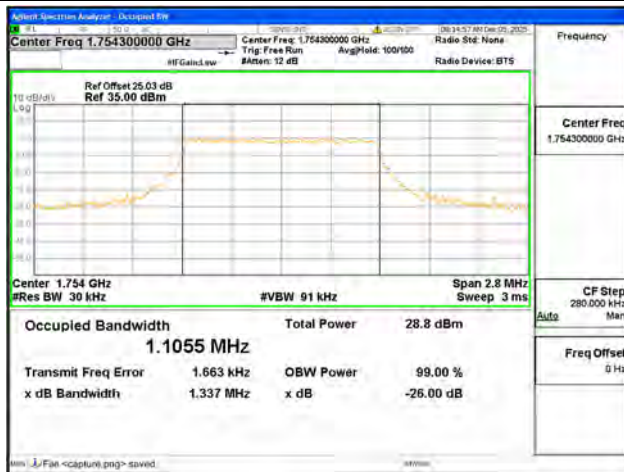
B4 / 1.4MHz / 16QAM / Mid CH



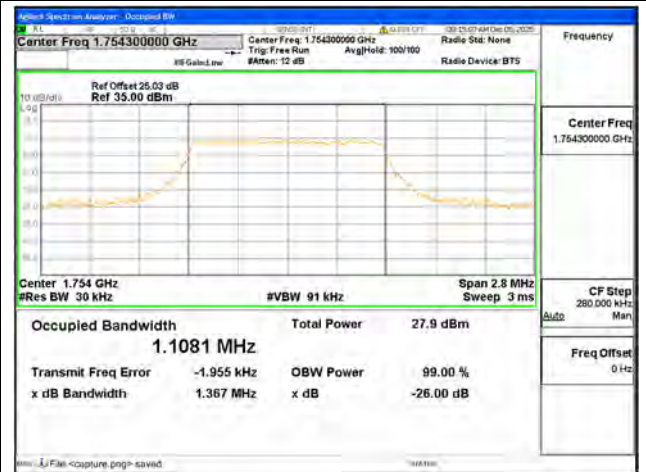
B4 / 1.4MHz / 64QAM/ Mid CH



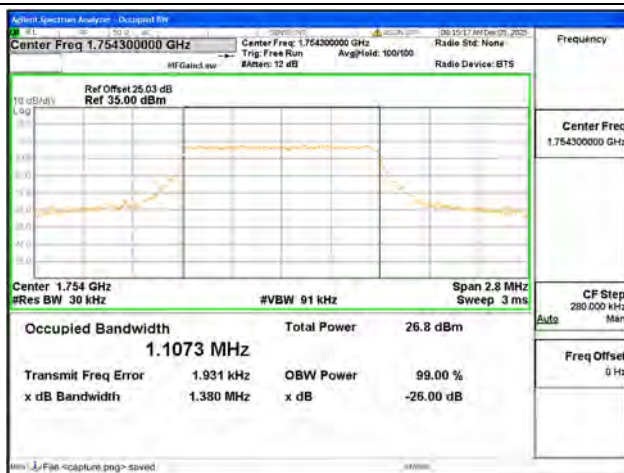
B4 / 1.4MHz / 256QAM/ Mid CH



B4 / 1.4MHz / QPSK/ High CH



B4 / 1.4MHz / 16QAM/ High CH



B4 / 1.4MHz / 64QAM/ High CH



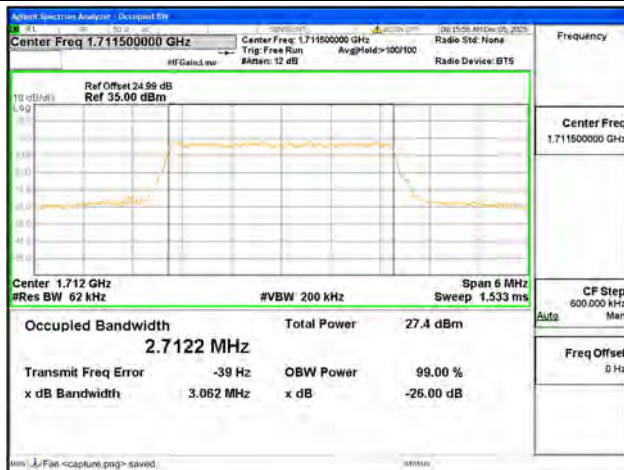
B4 / 1.4MHz / 256QAM/ High CH



B4 / 3MHz / QPSK/ Low CH



B4 / 3MHz / 16QAM/ Low CH



B4 / 3MHz / 64QAM/ Low CH



B4 / 3MHz / 256QAM/ Low CH



B4 / 3MHz / QPSK/ Mid CH



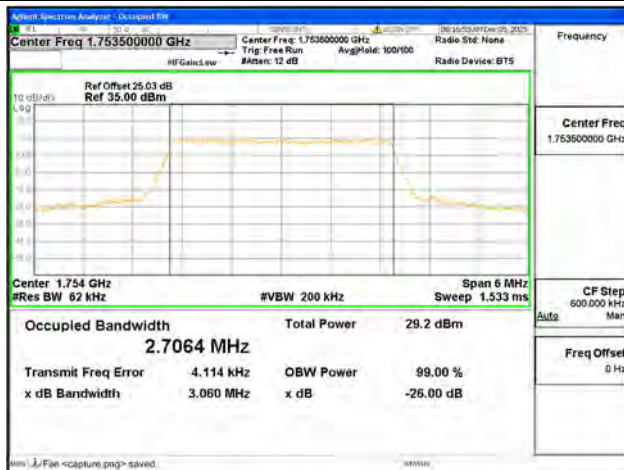
B4 / 3MHz / 16QAM/ Mid CH



B4 / 3MHz / 64QAM/ Mid CH



B4 / 3MHz / 256QAM/ Mid CH



B4 / 3MHz / QPSK/ High CH



B4 / 3MHz / 16QAM/ High CH



B4 / 3MHz / 64QAM/ High CH



B4 / 3MHz / 256QAM/ High CH



B4 / 5MHz / QPSK/ Low CH



B4 / 5MHz / 16QAM/ Low CH



B4 / 5MHz / 64QAM/ Low CH



B4 / 5MHz / 256QAM/ Low CH



B4 / 5MHz / QPSK/ Mid CH



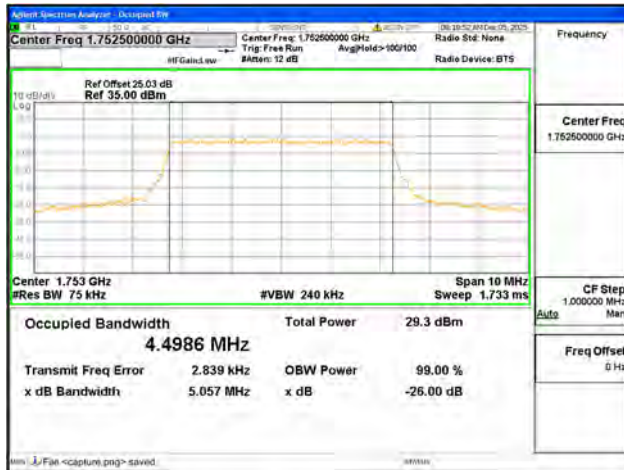
B4 / 5MHz / 16QAM/ Mid CH



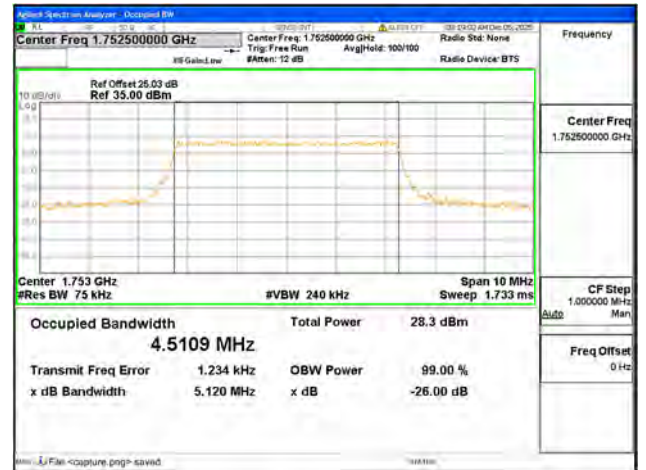
B4 / 5MHz / 64QAM/ Mid CH



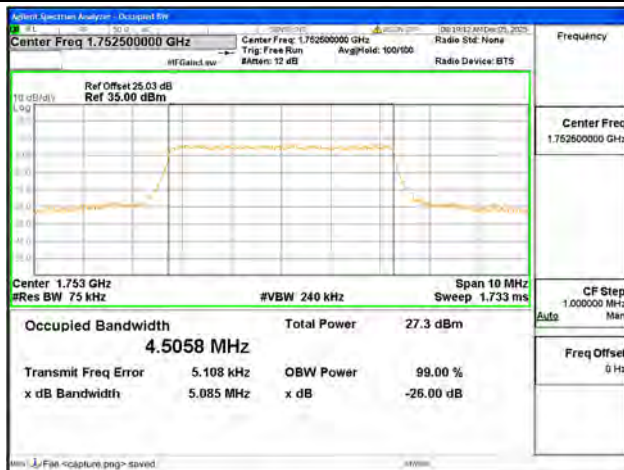
B4 / 5MHz / 256QAM/ Mid CH



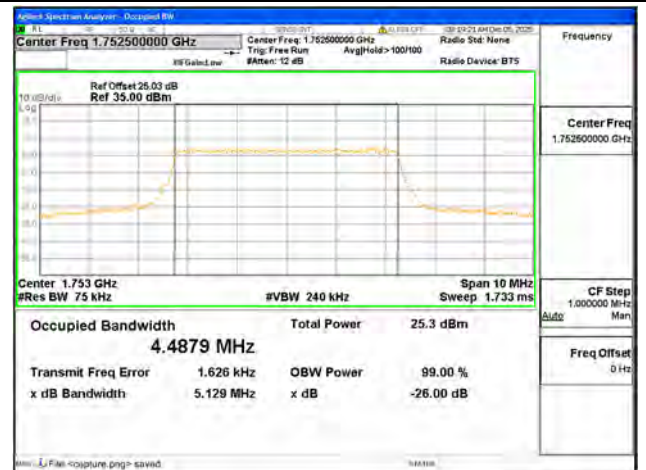
B4 / 5MHz / QPSK/ High CH



B4 / 5MHz / 16QAM/ High CH



B4 / 5MHz / 64QAM/ High CH



B4 / 5MHz / 256QAM/ High CH



B4 / 10MHz / QPSK/ Low CH



B4 / 10MHz / 16QAM/ Low CH



B4 / 10MHz / 64QAM/ Low CH



B4 / 10MHz / 256QAM/ Low CH



B4 / 10MHz / QPSK/ Mid CH



B4 / 10MHz / 16QAM/ Mid CH



B4 / 10MHz / 64QAM/ Mid CH



B4 / 10MHz / 256QAM/ Mid CH



B4 / 10MHz / QPSK/ High CH



B4 / 10MHz / 16QAM/ High CH



B4 / 10MHz / 64QAM/ High CH



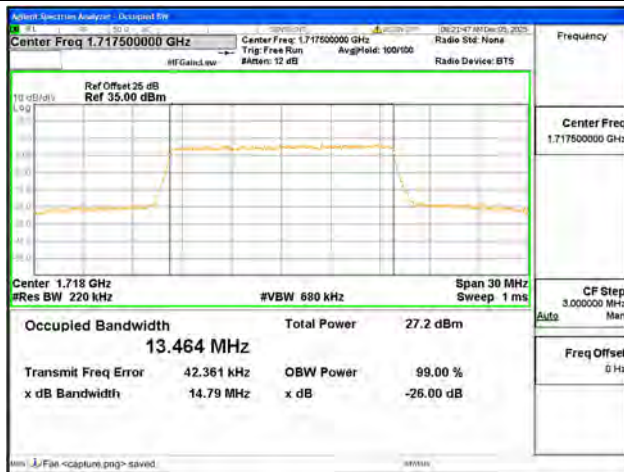
B4 / 10MHz / 256QAM/ High CH



B4 / 15MHz / QPSK/ Low CH



B4 / 15MHz / 16QAM/ Low CH



B4 / 15MHz / 64QAM/ Low CH



B4 / 15MHz / 256QAM/ Low CH



B4 / 15MHz / QPSK/ Mid CH



B4 / 15MHz / 16QAM/ Mid CH



B4 / 15MHz / 64QAM/ Mid CH



B4 / 15MHz / 256QAM/ Mid CH



B4 / 15MHz / QPSK/ High CH



B4 / 15MHz / 16QAM/ High CH



B4 / 15MHz / 64QAM/ High CH



B4 / 15MHz / 256QAM/ High CH



B4 / 20MHz / QPSK/ Low CH



B4 / 20MHz / 16QAM/ Low CH



B4 / 20MHz / 64QAM/ Low CH



B4 / 20MHz / 256QAM/ Low CH



B4 / 20MHz / QPSK/ Mid CH



B4 / 20MHz / 16QAM/ Mid CH



B4 / 20MHz / 64QAM/ Mid CH



B4 / 20MHz / 256QAM/ Mid CH



B4 / 20MHz / QPSK/ High CH



B4 / 20MHz / 16QAM/ High CH



B4 / 20MHz / 64QAM/ High CH



B4 / 20MHz / 256QAM/ High CH



B5 / 1.4MHz / QPSK/ Low CH



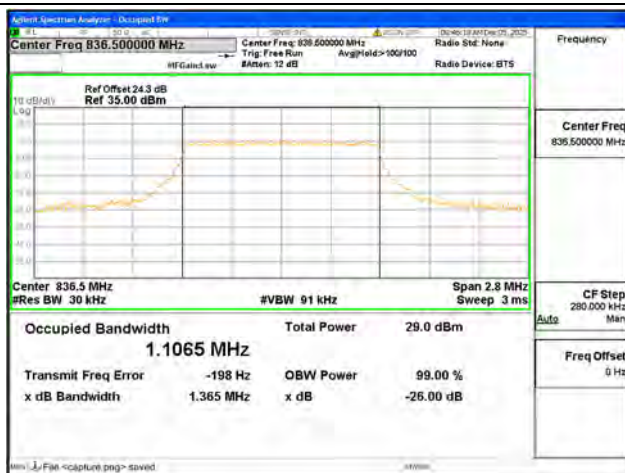
B5 / 1.4MHz / 16QAM/ Low CH



B5 / 1.4MHz / 64QAM/ Low CH



B5 / 1.4MHz / 256QAM/ Low CH



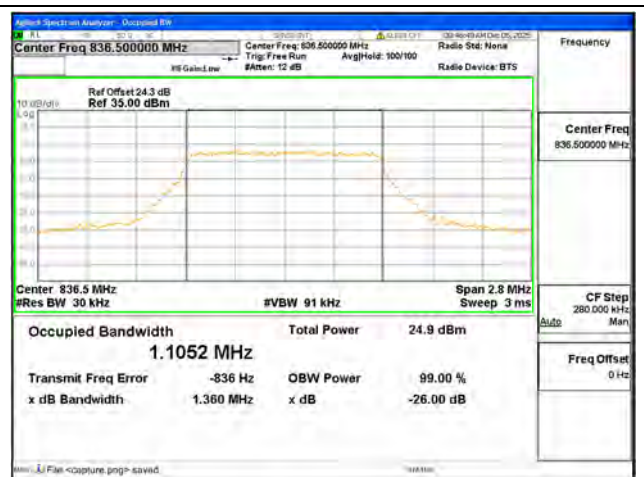
B5 / 1.4MHz / QPSK/ Mid CH



B5 / 1.4MHz / 16QAM/ Mid CH



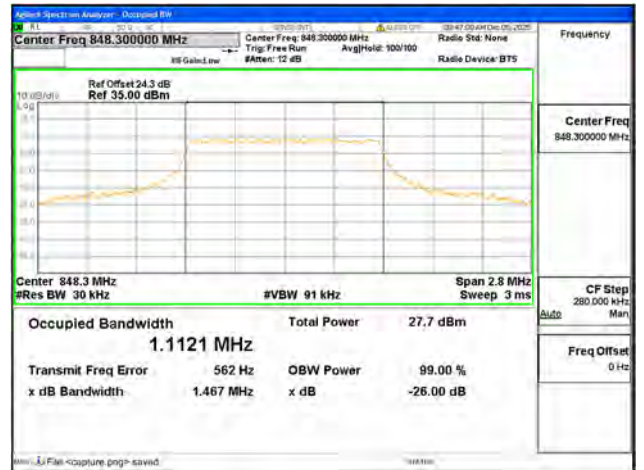
B5 / 1.4MHz / 64QAM/ Mid CH



B5 / 1.4MHz / 256QAM/ Mid CH



B5 / 1.4MHz / QPSK/ High CH



B5 / 1.4MHz / 16QAM/ High CH



B5 / 1.4MHz / 64QAM/ High CH



B5 / 1.4MHz / 256QAM/ High CH



B5 / 3MHz / QPSK/ Low CH



B5 / 3MHz / 16QAM/ Low CH



B5 / 3MHz / 64QAM/ Low CH



B5 / 3MHz / 256QAM/ Low CH



B5 / 3MHz / QPSK/ Mid CH



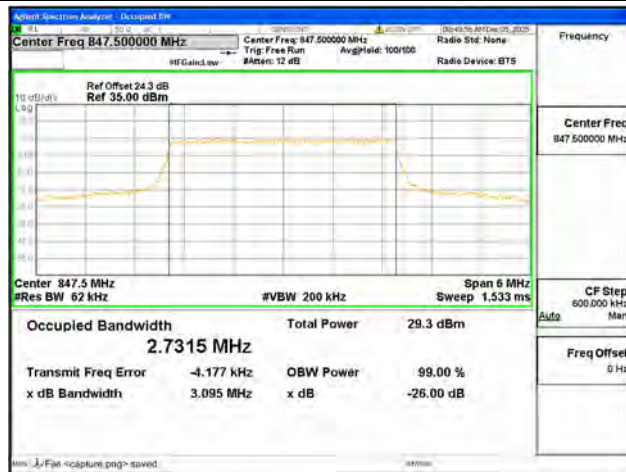
B5 / 3MHz / 16QAM/ Mid CH



B5 / 3MHz / 64QAM/ Mid CH



B5 / 3MHz / 256QAM/ Mid CH



B5 / 3MHz / QPSK/ High CH



B5 / 3MHz / 16QAM/ High CH



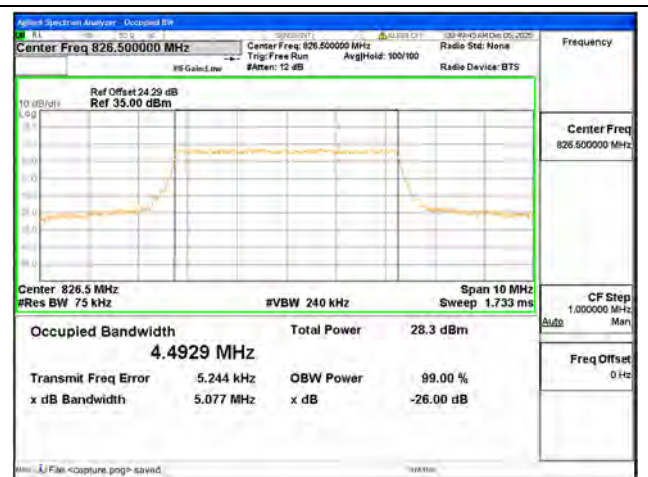
B5 / 3MHz / 64QAM/ High CH



B5 / 3MHz / 256QAM/ High CH



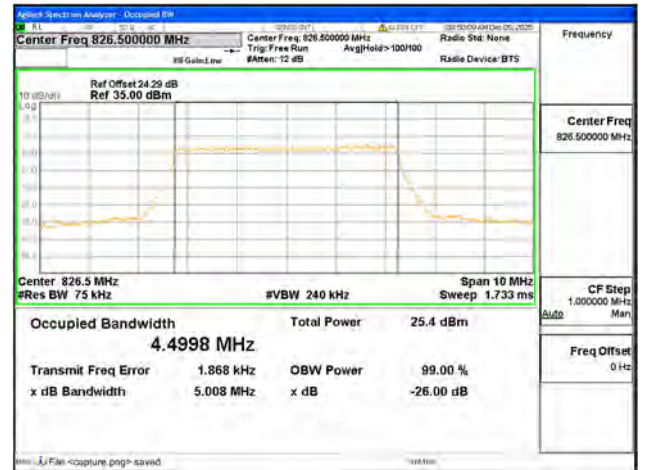
B5 / 5MHz / QPSK/ Low CH



B5 / 5MHz / 16QAM/ Low CH



B5 / 5MHz / 64QAM/ Low CH



B5 / 5MHz / 256QAM/ Low CH



B5 / 5MHz / QPSK/ Mid CH



B5 / 5MHz / 16QAM/ Mid CH



B5 / 5MHz / 64QAM/ Mid CH



B5 / 5MHz / 256QAM/ Mid CH



B5 / 5MHz / QPSK/ High CH



B5 / 5MHz / 16QAM/ High CH



B5 / 5MHz / 64QAM/ High CH



B5 / 5MHz / 256QAM/ High CH



B5 / 10MHz / QPSK/ Low CH



B5 / 10MHz / 16QAM/ Low CH



B5 / 10MHz / 64QAM/ Low CH



B5 / 10MHz / 256QAM/ Low CH



B5 / 10MHz / QPSK/ Mid CH



B5 / 10MHz / 16QAM/ Mid CH



B5 / 10MHz / 64QAM/ Mid CH



B5 / 10MHz / 256QAM/ Mid CH



B5 / 10MHz / QPSK/ High CH



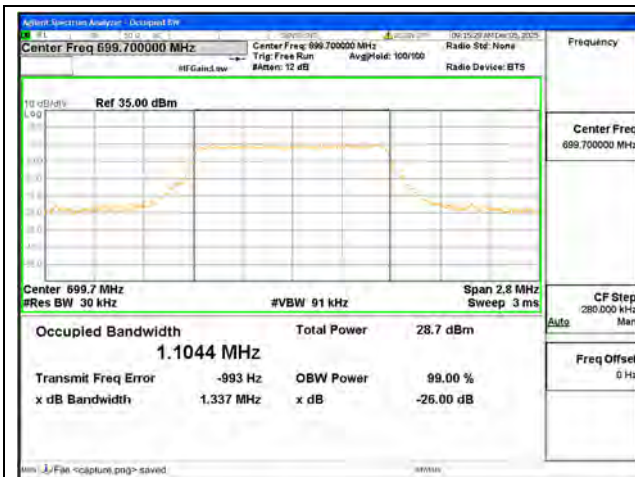
B5 / 10MHz / 16QAM/ High CH



B5 / 10MHz / 64QAM/ High CH



B5 / 10MHz / 256QAM/ High CH



B12 / 1.4MHz / QPSK/ Low CH



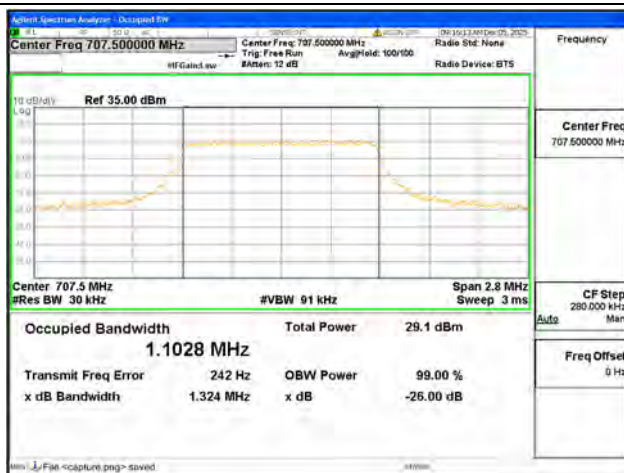
B12 / 1.4MHz / 16QAM/ Low CH



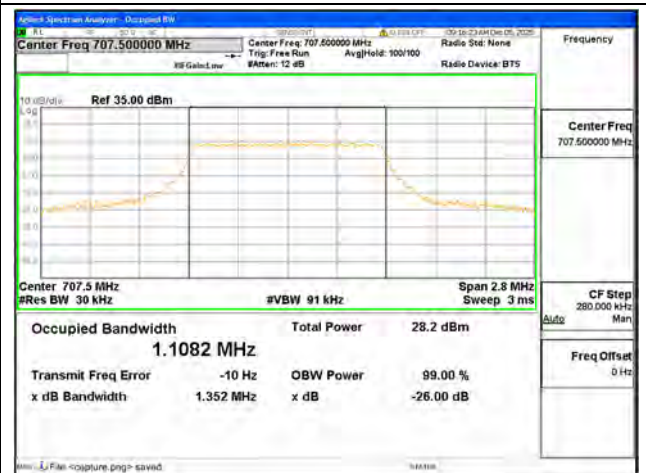
B12 / 1.4MHz / 64QAM/ Low CH



B12 / 1.4MHz / 256QAM/ Low CH



B12 / 1.4MHz / QPSK/ Mid CH



B12 / 1.4MHz / 16QAM/ Mid CH



B12 / 1.4MHz / 64QAM/ Mid CH



B12 / 1.4MHz / 256QAM/ Mid CH



B12 / 1.4MHz / QPSK/ High CH



B12 / 1.4MHz / 16QAM/ High CH



B12 / 1.4MHz / 64QAM/ High CH



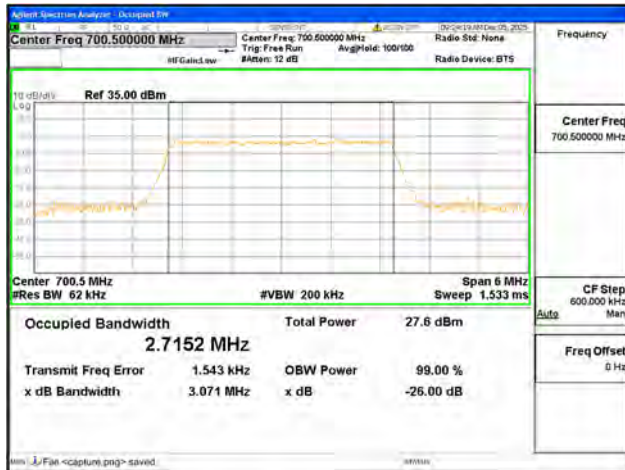
B12 / 1.4MHz / 256QAM/ High CH



B12 / 3MHz / QPSK/ Low CH



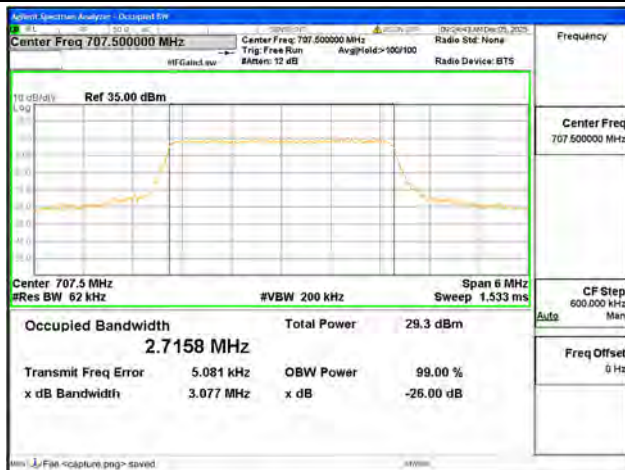
B12 / 3MHz / 16QAM/ Low CH



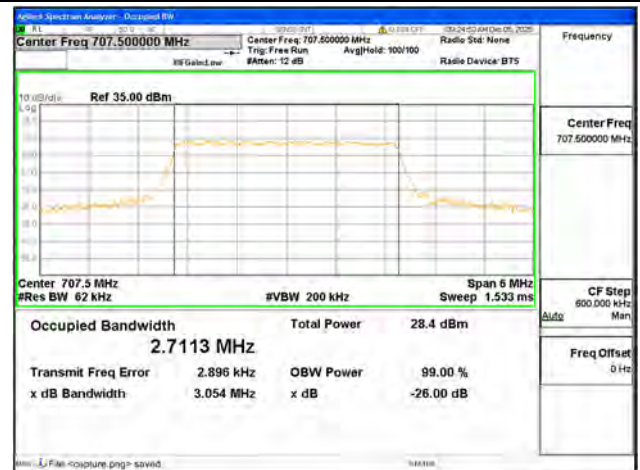
B12 / 3MHz / 64QAM/ Low CH



B12 / 3MHz / 256QAM/ Low CH



B12 / 3MHz / QPSK/ Mid CH



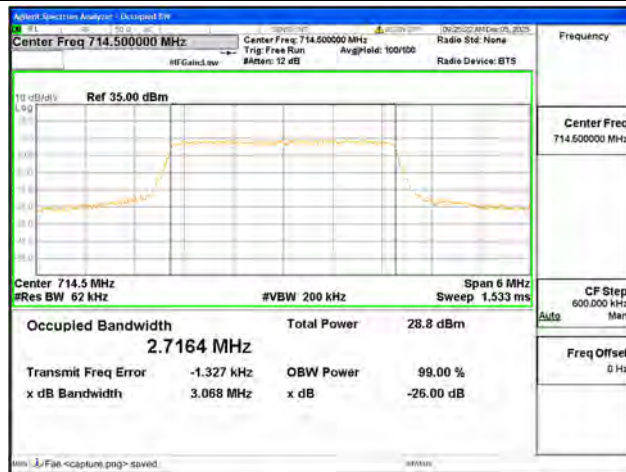
B12 / 3MHz / 16QAM/ Mid CH



B12 / 3MHz / 64QAM/ Mid CH



B12 / 3MHz / 256QAM/ Mid CH



B12 / 3MHz / QPSK/ High CH



B12 / 3MHz / 16QAM/ High CH



B12 / 3MHz / 64QAM/ High CH



B12 / 3MHz / 256QAM/ High CH



B12 / 5MHz / QPSK/ Low CH



B12 / 5MHz / 16QAM/ Low CH



B12 / 5MHz / 64QAM/ Low CH



B12 / 5MHz / 256QAM/ Low CH



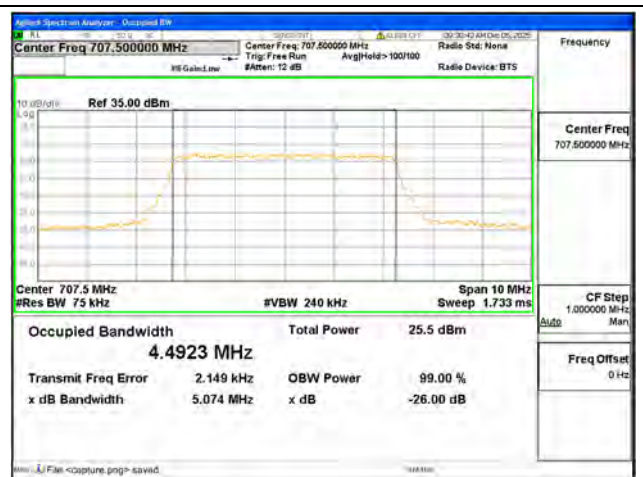
B12 / 5MHz / QPSK/ Mid CH



B12 / 5MHz / 16QAM/ Mid CH



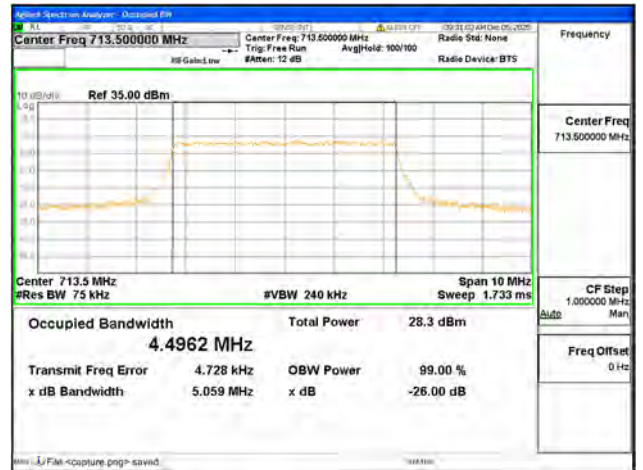
B12 / 5MHz / 64QAM/ Mid CH



B12 / 5MHz / 256QAM/ Mid CH



B12 / 5MHz / QPSK/ High CH



B12 / 5MHz / 16QAM/ High CH



B12 / 5MHz / 64QAM/ High CH



B12 / 5MHz / 256QAM/ High CH



B12 / 10MHz / QPSK/ Low CH



B12 / 10MHz / 16QAM/ Low CH



B12 / 10MHz / 64QAM/ Low CH



B12 / 10MHz / 256QAM/ Low CH



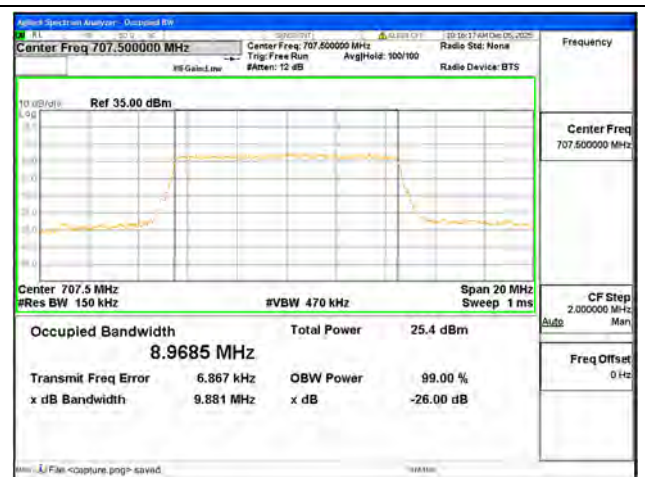
B12 / 10MHz / QPSK/ Mid CH



B12 / 10MHz / 16QAM/ Mid CH



B12 / 10MHz / 64QAM/ Mid CH



B12 / 10MHz / 256QAM/ Mid CH



B12 / 10MHz / QPSK/ High CH



B12 / 10MHz / 16QAM/ High CH



B12 / 10MHz / 64QAM/ High CH



B12 / 10MHz / 256QAM/ High CH



B17 / 5MHz / QPSK/ Low CH



B17 / 5MHz / 16QAM/ Low CH



B17 / 5MHz / 64QAM/ Low CH



B17 / 5MHz / 256QAM/ Low CH



B17 / 5MHz / QPSK/ Mid CH



B17 / 5MHz / 16QAM/ Mid CH



B17 / 5MHz / 64QAM/ Mid CH



B17 / 5MHz / 256QAM/ Mid CH



B17 / 5MHz / QPSK/ High CH



B17 / 5MHz / 16QAM/ High CH



B17 / 5MHz / 64QAM/ High CH



B17 / 5MHz / 256QAM/ High CH



B17 / 10MHz / QPSK/ Low CH



B17 / 10MHz / 16QAM/ Low CH



B17 / 10MHz / 64QAM/ Low CH



B17 / 10MHz / 256QAM/ Low CH



B17 / 10MHz / QPSK/ Mid CH



B17 / 10MHz / 16QAM/ Mid CH



B17 / 10MHz / 64QAM/ Mid CH



B17 / 10MHz / 256QAM/ Mid CH



B17 / 10MHz / QPSK/ High CH



B17 / 10MHz / 16QAM/ High CH



B17 / 10MHz / 64QAM/ High CH



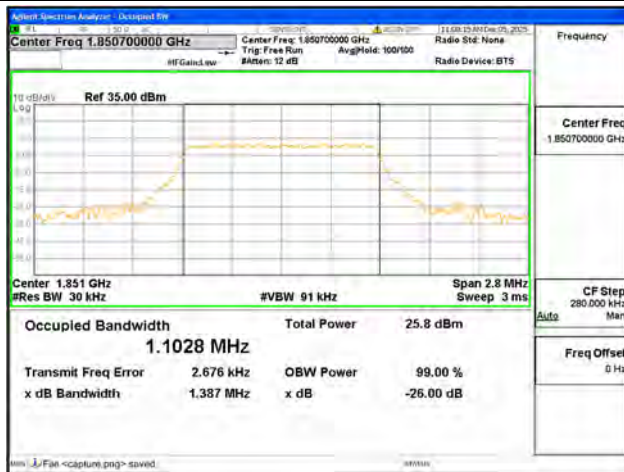
B17 / 10MHz / 256QAM/ High CH



B25 / 1.4MHz / QPSK/ Low CH



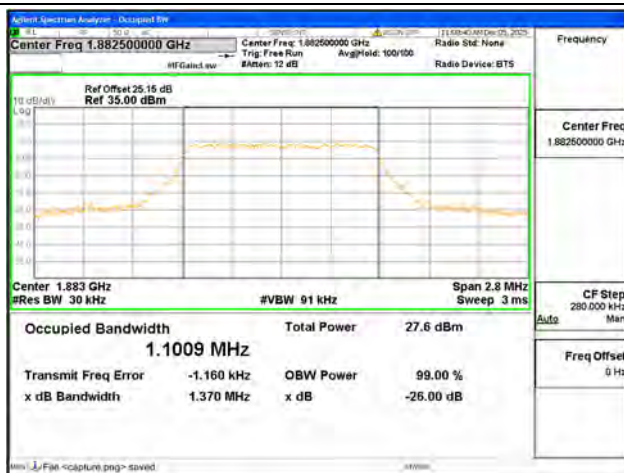
B25 / 1.4MHz / 16QAM/ Low CH



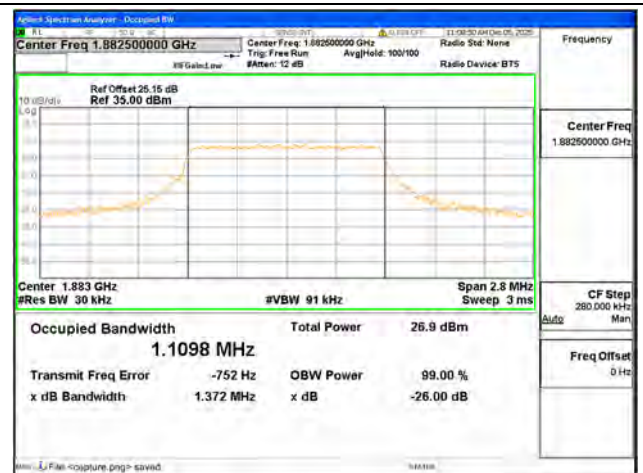
B25 / 1.4MHz / 64QAM/ Low CH



B25 / 1.4MHz / 256QAM/ Low CH



B25 / 1.4MHz / QPSK/ Mid CH



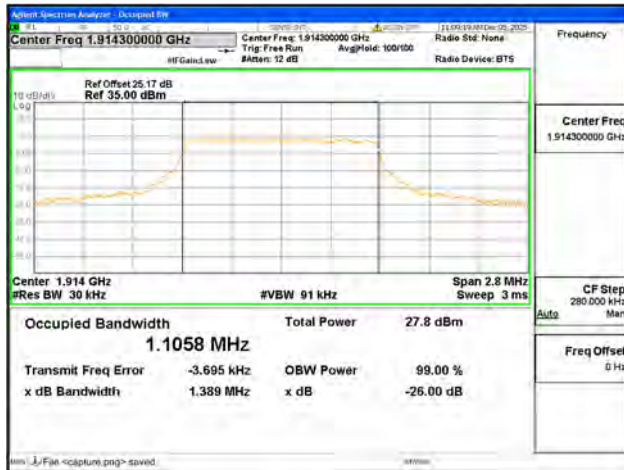
B25 / 1.4MHz / 16QAM/ Mid CH



B25 / 1.4MHz / 64QAM/ Mid CH



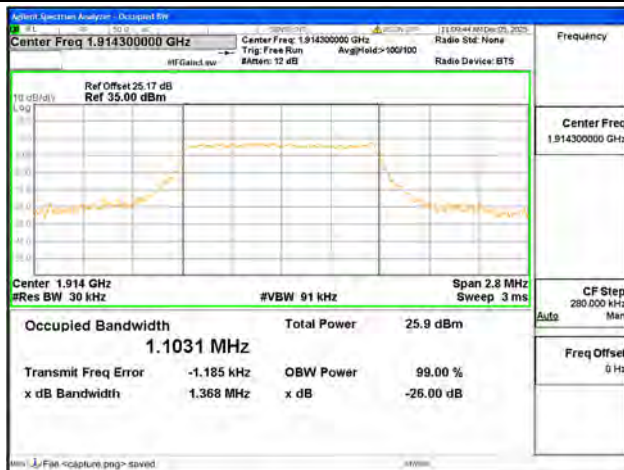
B25 / 1.4MHz / 256QAM/ Mid CH



B25 / 1.4MHz / QPSK/ High CH



B25 / 1.4MHz / 16QAM/ High CH



B25 / 1.4MHz / 64QAM/ High CH



B25 / 1.4MHz / 256QAM/ High CH



B25 / 3MHz / QPSK/ Low CH



B25 / 3MHz / 16QAM/ Low CH



B25 / 3MHz / 64QAM/ Low CH



B25 / 3MHz / 256QAM/ Low CH



B25 / 3MHz / QPSK/ Mid CH



B25 / 3MHz / 16QAM/ Mid CH



B25 / 3MHz / 64QAM/ Mid CH



B25 / 3MHz / 256QAM/ Mid CH



B25 / 3MHz / QPSK/ High CH



B25 / 3MHz / 16QAM/ High CH



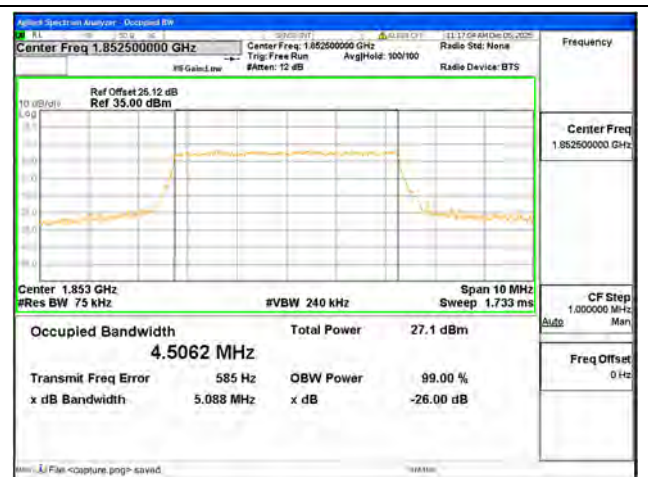
B25 / 3MHz / 64QAM/ High CH



B25 / 3MHz / 256QAM/ High CH



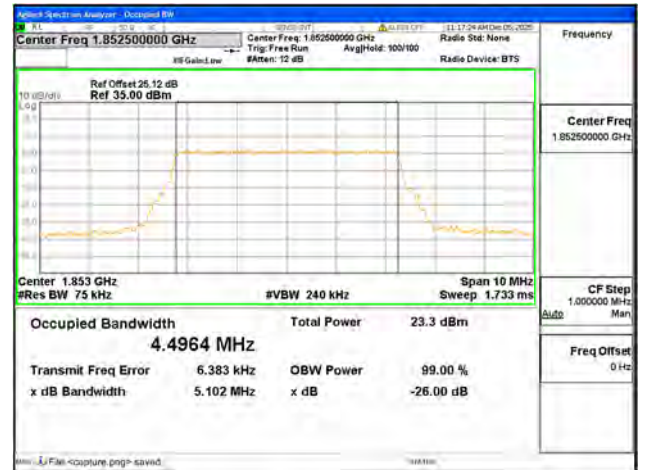
B25 / 5MHz / QPSK/ Low CH



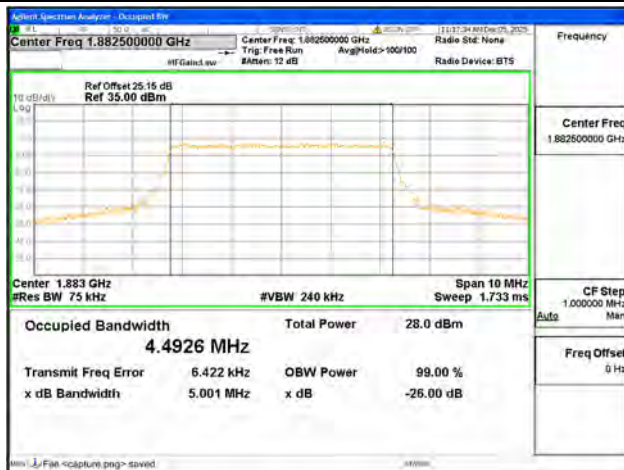
B25 / 5MHz / 16QAM/ Low CH



B25 / 5MHz / 64QAM/ Low CH



B25 / 5MHz / 256QAM/ Low CH



B25 / 5MHz / QPSK/ Mid CH



B25 / 5MHz / 16QAM/ Mid CH



B25 / 5MHz / 64QAM/ Mid CH



B25 / 5MHz / 256QAM/ Mid CH



B25 / 5MHz / QPSK/ High CH



B25 / 5MHz / 16QAM/ High CH



B25 / 5MHz / 64QAM/ High CH



B25 / 5MHz / 256QAM/ High CH