



REPORT No.: SZ24120367W05

TEST REPORT

APPLICANT : BLU Products, Inc.

PRODUCT NAME : Smart Phone

MODEL NAME : X5+

BRAND NAME : BLU

FCC ID : YHLBLUX5PUL

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

RECEIPT DATE : 2025-05-14

TEST DATE : 2025-05-16 to 2025-06-12

ISSUE DATE : 2025-06-18

Edited by:

Zeng Xiaoying
Zeng Xiaoying (Rapporteur)

Approved by:

Shen Junsheng
Shen Junsheng (Supervisor)

NOTE: This document is issued by Shenzhen Morlab Communications Technology Co., Ltd., the test report shall not be reproduced except in full without prior written permission of the company. The test results apply only to the particular sample(s) tested and to the specific tests carried out which is available on request for validation and information confirmed at our website.

MORLAB

Shenzhen Morlab Communications Technology Co., Ltd.
FL.1-3, Building A, FeiYang Science Park, No.8 LongChang Road,
Block67, BaoAn District, ShenZhen, GuangDong Province, P. R. China

Tel: 86-755-36698555

Http://www.morlab.cn

Fax: 86-755-36698525

E-mail: service@morlab.cn





DIRECTORY

1. Technical Information	3
1.1. Applicant and Manufacturer Information	3
1.2. Equipment Under Test (EUT) Description	3
1.3. Maximum E.R.P./E.I.R.P. and Emission Designator	5
1.4. Test Standards and Results	7
1.5. Environmental Conditions	8
2. 47 CFR Part 2, Part 22H, Part 24E, Part 27 F&H&L&M&N Requirements	9
2.1. Transmitter Conducted Output Power and E.R.P./E.I.R.P.	9
2.2. Occupied Bandwidth	96
2.3. Frequency Stability	176
2.4. Peak to Average Ratio	182
2.5. Conducted Spurious Emissions	227
2.6. Band Edge	250
2.7. Radiated Spurious Emissions	284
Annex A Test Uncertainty	395
Annex B Testing Laboratory Information	396

Change History		
Version	Date	Reason for change
1.0	2025-06-18	First edition



1. Technical Information

Note: Provide by applicant.

1.1. Applicant and Manufacturer Information

Applicant:	BLU Products, Inc.
Applicant Address:	8600 NW 36th Street, Suite #300 Miami, FL 33166, USA
Manufacturer:	BLU Products, Inc.
Manufacturer Address:	8600 NW 36th Street, Suite #300 Miami, FL 33166, USA

1.2. Equipment Under Test (EUT) Description

Product Name:	Smart Phone	
Sample No.:	2#, 4#	
Hardware Version:	A507-MB-V3.6F	
Software Version:	sp9832e_1h10_go2g_k515-user-gms_0513_1058.pac	
Modulation Type:	QPSK, 16QAM, 64QAM	
Operation Band:	Band 2 / 4 / 5 / 12 / 17 / 25 / 26 / 66 / 71	
Frequency Range:	LTE Band 2	Tx: 1850MHz–1910MHz
		Rx: 1930MHz–1990MHz
	LTE Band 4	Tx: 1710MHz–1755MHz
		Rx: 2110MHz–2155MHz
	LTE Band 5	Tx: 824MHz–849MHz
		Rx: 869MHz–894MHz
	LTE Band 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
	LTE Band 26	Tx: 824MHz–849MHz
		Rx: 869MHz–894MHz
	LTE Band 66	Tx: 1710MHz –1780MHz
		Rx: 2110MHz–2200MHz
	LTE Band 71	Tx: 663MHz–698MHz
		Rx: 617MHz–652MHz



Channel Bandwidth:	LTE Band 2	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
	LTE Band 4	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
	LTE Band 5	1.4MHz, 3MHz, 5MHz, 10MHz
	LTE Band 12	1.4MHz, 3 MHz, 5MHz, 10MHz
	LTE Band 17	5MHz, 10MHz
	LTE Band 25	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
	LTE Band 26	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz
	LTE Band 66	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
	LTE Band 71	5MHz, 10MHz, 15MHz, 20MHz
Antenna Type:	PIFA Antenna	
Antenna Gain:	LTE Band 2	2.80dBi
	LTE Band 4	2.14dBi
	LTE Band 5	0.16dBi
	LTE Band 12	-0.23dBi
	LTE Band 17	-0.23dBi
	LTE Band 25	2.80dBi
	LTE Band 26	0.16Bi
	LTE Band 66	2.14dBi
	LTE Band 71	-0.46dBi
Accessory Information:	Battery	
	Brand Name:	N/A
	Model No.:	C775448200L
	Serial No.:	N/A
	Capacity:	2000mAh
	Rated Voltage:	3.8V
	Charge Limit:	4.35V
	Manufacturer:	PHENIX NEW ENERGY(HUIZHOU)CO., LTD
	AC Adapter	
	Brand Name:	N/A
	Model No.:	US-DC-0750
	Serial No.:	N/A
	Rated Output:	5.0V $\pm$ 0.75A
	Rated Input:	100-240V $\sim$ 50/60Hz, 0.2A
	Manufacturer:	SHENZHEN EAST SUN ELECTRONIC 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	QPSK	16QAM	64QAM
20	0.491	0.394	0.385	18M0G7D	18M0W7D	18M0W7D
15	0.483	0.393	0.383	13M5G7D	13M5W7D	13M5W7D
10	0.489	0.389	0.383	9M01G7D	8M96W7D	8M97W7D
5	0.482	0.394	0.380	4M49G7D	4M49W7D	4M49W7D
3	0.484	0.386	0.382	2M72G7D	2M71W7D	2M72W7D
1.4	0.481	0.391	0.382	1M10G7D	1M10W7D	1M10W7D
LTE Band 4	Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20	0.419	0.333	0.344	18M0G7D	18M0W7D	18M0W7D
15	0.413	0.331	0.341	13M4G7D	13M5W7D	13M5W7D
10	0.415	0.330	0.340	8M99G7D	8M95W7D	8M99W7D
5	0.415	0.331	0.336	4M49G7D	4M49W7D	4M49W7D
3	0.412	0.330	0.339	2M72G7D	2M72W7D	2M72W7D
1.4	0.414	0.330	0.340	1M10G7D	1M10W7D	1M10W7D
LTE Band 5	Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10	0.159	0.131	0.126	8M97G7D	8M96W7D	8M97W7D
5	0.156	0.129	0.123	4M49G7D	4M49W7D	4M49W7D
3	0.158	0.129	0.124	2M72G7D	2M72W7D	2M73W7D
1.4	0.158	0.129	0.125	1M10G7D	1M10W7D	1M10W7D
LTE Band 12	Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10	0.131	0.104	0.103	9M01G7D	8M99W7D	9M00W7D
5	0.130	0.102	0.102	4M48G7D	4M49W7D	4M49W7D
3	0.130	0.103	0.101	2M72G7D	2M72W7D	2M72W7D
1.4	0.130	0.104	0.101	1M10G7D	1M10W7D	1M10W7D
LTE Band 17	Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10	0.129	0.104	0.103	8M96G7D	8M93W7D	8M95W7D
5	0.128	0.104	0.102	4M49G7D	4M49W7D	4M49W7D



LTE Band 25	Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20	0.495	0.440	0.393	18M0G7D	18M0W7D	18M0W7D
15	0.494	0.439	0.389	13M5G7D	13M5W7D	13M5W7D
10	0.494	0.434	0.391	8M98G7D	8M96W7D	8M97W7D
5	0.489	0.432	0.390	4M48G7D	4M48W7D	4M48W7D
3	0.485	0.438	0.390	2M72G7D	2M72W7D	2M72W7D
1.4	0.494	0.431	0.386	1M10G7D	1M10W7D	1M10W7D
LTE Band 26	Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
15	0.145	0.134	0.126	13M5G7D	13M5W7D	13M5W7D
10	0.147	0.133	0.121	8M99G7D	8M96W7D	8M97W7D
5	0.157	0.126	0.127	4M48G7D	4M50W7D	4M50W7D
3	0.145	0.128	0.124	2M72G7D	2M71W7D	2M72W7D
1.4	0.144	0.139	0.136	1M10G7D	1M10W7D	1M10W7D
LTE Band 66	Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20	0.421	0.334	0.341	18M0G7D	18M0W7D	18M0W7D
15	0.420	0.331	0.339	13M5G7D	13M5W7D	13M5W7D
10	0.419	0.330	0.340	8M99G7D	8M96W7D	8M98W7D
5	0.414	0.333	0.339	4M49G7D	4M49W7D	4M49W7D
3	0.418	0.333	0.339	2M72G7D	2M72W7D	2M72W7D
1.4	0.417	0.331	0.336	1M10G7D	1M10W7D	1M10W7D
LTE Band 71	Maximum E.R.P./E.I.R.P. (W)			Emission Designator (99%OBW)		
BW(MHz)	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20	0.139	0.115	0.111	17M9G7D	17M9W7D	17M9W7D
15	0.138	0.113	0.110	13M5G7D	13M5W7D	13M5W7D
10	0.137	0.114	0.110	9M01G7D	8M97W7D	9M00W7D
5	0.138	0.114	0.109	4M48G7D	4M49W7D	4M48W7D



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(c)(10) 27.50(d)(4)	Transmitter Conducted Output Power and E.R.P./E.I.R.P.	Jun. 10&12, 2025	Zheng Jianhua Liu Huiyan	PASS _{Note3}	/
2.1049	Occupied Bandwidth	May 28, 2025 Jun. 12, 2025	Liu Huiyan	PASS	/
2.1055 22.355 24.235 27.54	Frequency Stability	Jun. 10&12, 2025	Liu Huiyan	PASS	/
24.232(d), 27.50(d)(5)	Peak to Average Radio	May 28, 2025 Jun. 12, 2025	Liu Huiyan	PASS	/
2.1051 22.917(a) 24.238(a) 27.53(g) 27.53(h)	Conducted Spurious Emissions	May 28, 2025 Jun. 12, 2025	Liu Huiyan	PASS	/
2.1051 22.917(a) 24.238(a) 27.53(g) 27.53(h)	Band Edge	May 28, 2025 Jun. 12, 2025	Liu Huiyan	PASS	/
2.1053	Radiated	May 29, 2025	Wang Deyong	PASS	/



22.917(a) 24.238(a) 27.53(g) 27.53(h)	Spurious Emissions				
Note 1: The tests were performed according to the method of measurements prescribed in KDB 971168 D01 v03 and ANSI/TIA-603-E-2016. Note 2: Any additions, deviation, or exclusions from the method shall be noted in the "Remark". Note 3: The antenna gain presented in the report are provided by applicant and/or manufacturer, and the test laboratory is not responsible for the accuracy of the information.					

1.5. Environmental Conditions

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

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



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

2.1.1. Requirement

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

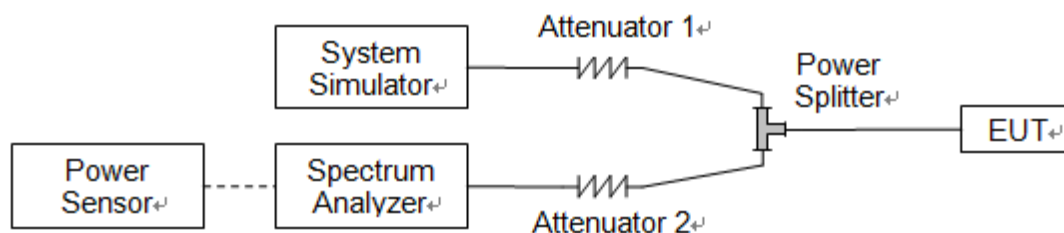
According to FCC section 24.232 (c) for LTE Band 2/25, Mobile and portable stations are limited to 2 watts E.I.R.P. and the equipment must employ a means for limiting power to the minimum necessary for successful communications.

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

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

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

2.1.2. Test Description



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



2.1.3. Test Procedure

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

E.I.R.P. (dBm) = 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	24.11	24.05	24.09
20	QPSK	1	49	23.91	23.86	23.84
20	QPSK	1	99	24.00	23.97	23.94
20	QPSK	50	0	23.06	22.98	23.05
20	QPSK	50	24	22.91	22.84	22.84
20	QPSK	50	50	22.89	22.79	22.84
20	QPSK	100	0	22.96	22.89	22.94
20	16QAM	1	0	23.16	23.06	23.10
20	16QAM	1	49	23.09	23.01	22.99
20	16QAM	1	99	23.02	22.97	22.97
20	16QAM	50	0	22.08	22.02	22.03
20	16QAM	50	24	21.96	21.94	21.92
20	16QAM	50	50	21.93	21.85	21.92
20	16QAM	100	0	21.97	21.96	21.91
20	64QAM	1	0	23.05	23.03	23.04
20	64QAM	1	49	22.92	22.83	22.90
20	64QAM	1	99	22.91	22.89	22.86
20	64QAM	50	0	22.11	22.07	22.09
20	64QAM	50	24	21.93	21.83	21.83
20	64QAM	50	50	21.97	21.92	21.91
20	64QAM	100	0	21.96	21.95	21.87



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	24.04	24.00	24.00
15	QPSK	1	37	23.82	23.77	23.80
15	QPSK	1	74	23.90	23.87	23.89
15	QPSK	36	0	22.96	22.97	23.04
15	QPSK	36	20	22.86	22.76	22.74
15	QPSK	36	39	22.87	22.78	22.82
15	QPSK	75	0	22.78	22.76	22.77
15	16QAM	1	0	23.14	23.04	23.02
15	16QAM	1	37	23.00	22.98	22.89
15	16QAM	1	74	22.94	22.91	22.89
15	16QAM	36	0	22.01	22.00	22.02
15	16QAM	36	20	21.89	21.88	21.84
15	16QAM	36	39	21.90	21.81	21.91
15	16QAM	75	0	21.88	21.93	21.85
15	64QAM	1	0	23.03	23.01	23.01
15	64QAM	1	37	22.90	22.80	22.86
15	64QAM	1	74	22.83	22.80	22.80
15	64QAM	36	0	22.09	21.98	22.05
15	64QAM	36	20	21.90	21.81	21.77
15	64QAM	36	39	21.95	21.86	21.88
15	64QAM	75	0	21.90	21.94	21.84



LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18650	18900	19150
Frequency (MHz)				1855	1880	1905
10	QPSK	1	0	24.09	23.97	24.03
10	QPSK	1	25	23.86	23.79	23.80
10	QPSK	1	49	23.90	23.94	23.84
10	QPSK	25	0	23.01	22.97	23.04
10	QPSK	25	12	22.85	22.82	22.80
10	QPSK	25	25	22.83	22.70	22.76
10	QPSK	50	0	22.84	22.78	22.81
10	16QAM	1	0	23.10	23.00	23.01
10	16QAM	1	25	23.02	22.99	22.94
10	16QAM	1	49	22.94	22.94	22.93
10	16QAM	25	0	22.00	22.01	21.96
10	16QAM	25	12	21.87	21.88	21.91
10	16QAM	25	25	21.90	21.80	21.89
10	16QAM	50	0	21.95	21.88	21.82
10	64QAM	1	0	23.03	22.97	23.00
10	64QAM	1	25	22.89	22.76	22.84
10	64QAM	1	49	22.89	22.82	22.79
10	64QAM	25	0	22.08	22.03	22.08
10	64QAM	25	12	21.85	21.73	21.79
10	64QAM	25	25	21.90	21.86	21.88
10	64QAM	50	0	21.94	21.88	21.82



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	24.01	24.03	23.99
5	QPSK	1	12	23.87	23.80	23.76
5	QPSK	1	24	23.93	23.91	23.87
5	QPSK	12	0	22.97	22.93	23.03
5	QPSK	12	7	22.87	22.75	22.82
5	QPSK	12	13	22.81	22.74	22.75
5	QPSK	25	0	22.79	22.75	22.75
5	16QAM	1	0	23.15	22.97	23.09
5	16QAM	1	12	23.04	22.94	22.91
5	16QAM	1	24	22.98	22.88	22.88
5	16QAM	12	0	21.98	22.00	22.01
5	16QAM	12	7	21.92	21.89	21.88
5	16QAM	12	13	21.88	21.79	21.90
5	16QAM	25	0	21.90	21.88	21.87
5	64QAM	1	0	22.98	23.00	22.96
5	64QAM	1	12	22.91	22.81	22.83
5	64QAM	1	24	22.81	22.87	22.78
5	64QAM	12	0	22.04	22.02	22.03
5	64QAM	12	7	21.90	21.79	21.80
5	64QAM	12	13	21.89	21.83	21.87
5	64QAM	25	0	21.86	21.90	21.77



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	24.05	23.99	23.99
3	QPSK	1	8	23.90	23.81	23.74
3	QPSK	1	14	23.92	23.91	23.89
3	QPSK	8	0	22.97	22.97	22.99
3	QPSK	8	4	22.81	22.75	22.74
3	QPSK	8	7	22.84	22.75	22.75
3	QPSK	15	0	22.85	22.72	22.77
3	16QAM	1	0	23.07	23.05	23.04
3	16QAM	1	8	23.04	22.92	22.97
3	16QAM	1	14	22.95	22.95	22.90
3	16QAM	8	0	21.99	21.95	21.98
3	16QAM	8	4	21.91	21.90	21.91
3	16QAM	8	7	21.90	21.82	21.91
3	16QAM	15	0	21.93	21.86	21.87
3	64QAM	1	0	22.99	23.02	22.95
3	64QAM	1	8	22.86	22.79	22.80
3	64QAM	1	14	22.87	22.82	22.80
3	64QAM	8	0	22.10	21.99	22.02
3	64QAM	8	4	21.86	21.77	21.77
3	64QAM	8	7	21.95	21.85	21.88
3	64QAM	15	0	21.94	21.94	21.84



LTE Band 2						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				18607	18900	19193
Frequency (MHz)				1850.7	1880	1909.3
1.4	QPSK	1	0	24.02	24.01	24.01
1.4	QPSK	1	3	23.81	23.81	23.82
1.4	QPSK	1	5	23.92	23.88	23.86
1.4	QPSK	3	0	23.76	23.75	23.79
1.4	QPSK	3	1	23.62	23.59	23.55
1.4	QPSK	3	3	23.59	23.56	23.63
1.4	QPSK	6	0	22.79	22.74	22.79
1.4	16QAM	1	0	23.12	23.01	23.04
1.4	16QAM	1	3	23.04	22.98	22.89
1.4	16QAM	1	5	22.96	22.91	22.89
1.4	16QAM	3	0	22.83	22.76	22.73
1.4	16QAM	3	1	22.72	22.73	22.71
1.4	16QAM	3	3	22.65	22.56	22.69
1.4	16QAM	6	0	21.88	21.92	21.86
1.4	64QAM	1	0	23.02	22.99	23.00
1.4	64QAM	1	3	22.87	22.73	22.81
1.4	64QAM	1	5	22.87	22.80	22.76
1.4	64QAM	3	0	22.86	22.84	22.86
1.4	64QAM	3	1	22.70	22.61	22.62
1.4	64QAM	3	3	22.70	22.64	22.61
1.4	64QAM	6	0	21.89	21.91	21.80



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	24.04	24.05	24.08
20	QPSK	1	49	24.03	24.02	24.05
20	QPSK	1	99	24.01	24.01	24.03
20	QPSK	50	0	23.01	23.02	23.04
20	QPSK	50	24	22.99	22.94	23.02
20	QPSK	50	50	22.95	22.92	23.00
20	QPSK	100	0	22.96	22.95	22.98
20	16QAM	1	0	23.00	23.06	23.09
20	16QAM	1	49	23.04	23.02	23.05
20	16QAM	1	99	22.93	22.97	23.03
20	16QAM	50	0	22.08	22.11	22.13
20	16QAM	50	24	22.00	22.01	22.10
20	16QAM	50	50	21.98	21.89	21.99
20	16QAM	100	0	22.04	22.03	22.09
20	64QAM	1	0	23.17	23.13	23.22
20	64QAM	1	49	23.10	23.14	23.20
20	64QAM	1	99	23.12	23.16	23.20
20	64QAM	50	0	22.13	22.14	22.19
20	64QAM	50	24	22.15	22.13	22.17
20	64QAM	50	50	22.16	22.14	22.19
20	64QAM	100	0	22.14	22.19	22.20



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	24.02	23.99	23.99
15	QPSK	1	37	23.99	23.95	24.00
15	QPSK	1	74	23.98	23.92	23.98
15	QPSK	36	0	23.00	22.92	22.94
15	QPSK	36	20	22.97	22.86	22.97
15	QPSK	36	39	22.92	22.83	22.97
15	QPSK	75	0	22.91	22.90	22.96
15	16QAM	1	0	22.91	23.04	23.06
15	16QAM	1	37	23.02	22.98	22.96
15	16QAM	1	74	22.89	22.92	23.01
15	16QAM	36	0	22.06	22.09	22.07
15	16QAM	36	20	21.90	21.94	22.00
15	16QAM	36	39	21.89	21.79	21.92
15	16QAM	75	0	21.99	22.00	22.05
15	64QAM	1	0	23.16	23.08	23.13
15	64QAM	1	37	23.04	23.05	23.19
15	64QAM	1	74	23.04	23.11	23.17
15	64QAM	36	0	22.11	22.07	22.14
15	64QAM	36	20	22.13	22.06	22.11
15	64QAM	36	39	22.10	22.05	22.10
15	64QAM	75	0	22.05	22.18	22.12



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	23.98	23.95	24.04
10	QPSK	1	25	24.00	23.93	24.00
10	QPSK	1	49	24.00	23.98	23.97
10	QPSK	25	0	23.00	22.93	22.98
10	QPSK	25	12	22.96	22.90	22.97
10	QPSK	25	25	22.91	22.87	22.90
10	QPSK	50	0	22.90	22.93	22.91
10	16QAM	1	0	22.97	23.05	22.99
10	16QAM	1	25	23.03	22.92	23.04
10	16QAM	1	49	22.87	22.90	23.00
10	16QAM	25	0	22.06	22.03	22.06
10	16QAM	25	12	21.93	21.93	22.04
10	16QAM	25	25	21.92	21.82	21.97
10	16QAM	50	0	21.96	21.96	22.00
10	64QAM	1	0	23.16	23.09	23.15
10	64QAM	1	25	23.08	23.12	23.13
10	64QAM	1	49	23.07	23.15	23.18
10	64QAM	25	0	22.06	22.12	22.18
10	64QAM	25	12	22.14	22.11	22.11
10	64QAM	25	25	22.11	22.12	22.14
10	64QAM	50	0	22.04	22.15	22.16



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	23.95	24.04	23.98
5	QPSK	1	12	23.94	23.93	23.95
5	QPSK	1	24	23.92	24.00	23.95
5	QPSK	12	0	22.99	22.92	23.02
5	QPSK	12	7	22.94	22.93	22.98
5	QPSK	12	13	22.86	22.84	22.92
5	QPSK	25	0	22.95	22.88	22.88
5	16QAM	1	0	22.99	22.97	23.06
5	16QAM	1	12	23.01	22.99	23.04
5	16QAM	1	24	22.83	22.92	22.93
5	16QAM	12	0	21.99	22.02	22.10
5	16QAM	12	7	21.97	21.95	22.09
5	16QAM	12	13	21.90	21.84	21.96
5	16QAM	25	0	21.98	22.00	22.03
5	64QAM	1	0	23.12	23.09	23.12
5	64QAM	1	12	23.07	23.06	23.12
5	64QAM	1	24	23.10	23.07	23.11
5	64QAM	12	0	22.03	22.04	22.16
5	64QAM	12	7	22.07	22.08	22.09
5	64QAM	12	13	22.09	22.04	22.12
5	64QAM	25	0	22.08	22.16	22.19



LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				19965	20175	20385
Frequency (MHz)				1711.5	1732.5	1753.5
3	QPSK	1	0	24.01	24.01	23.98
3	QPSK	1	8	23.94	23.99	23.99
3	QPSK	1	14	23.94	23.93	23.97
3	QPSK	8	0	23.00	22.99	22.98
3	QPSK	8	4	22.90	22.86	22.92
3	QPSK	8	7	22.92	22.83	22.99
3	QPSK	15	0	22.88	22.85	22.95
3	16QAM	1	0	22.96	23.00	23.02
3	16QAM	1	8	22.95	23.00	23.04
3	16QAM	1	14	22.87	22.87	22.94
3	16QAM	8	0	22.03	22.08	22.03
3	16QAM	8	4	21.92	21.91	22.08
3	16QAM	8	7	21.96	21.86	21.97
3	16QAM	15	0	21.98	21.97	22.01
3	64QAM	1	0	23.15	23.12	23.16
3	64QAM	1	8	23.02	23.05	23.10
3	64QAM	1	14	23.02	23.13	23.10
3	64QAM	8	0	22.05	22.10	22.17
3	64QAM	8	4	22.07	22.06	22.15
3	64QAM	8	7	22.09	22.09	22.13
3	64QAM	15	0	22.12	22.11	22.16



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	24.03	23.98	24.02
1.4	QPSK	1	3	23.95	23.96	23.95
1.4	QPSK	1	5	23.92	23.92	23.96
1.4	QPSK	3	0	23.72	23.79	23.83
1.4	QPSK	3	1	23.69	23.71	23.79
1.4	QPSK	3	3	23.65	23.71	23.73
1.4	QPSK	6	0	22.86	22.87	22.88
1.4	16QAM	1	0	22.98	23.05	23.02
1.4	16QAM	1	3	22.98	22.98	22.96
1.4	16QAM	1	5	22.90	22.92	22.99
1.4	16QAM	3	0	22.83	22.86	22.91
1.4	16QAM	3	1	22.73	22.75	22.85
1.4	16QAM	3	3	22.77	22.64	22.74
1.4	16QAM	6	0	22.03	21.97	22.08
1.4	64QAM	1	0	23.16	23.07	23.17
1.4	64QAM	1	3	23.03	23.08	23.13
1.4	64QAM	1	5	23.06	23.07	23.13
1.4	64QAM	3	0	22.83	22.84	22.90
1.4	64QAM	3	1	22.89	22.85	22.96
1.4	64QAM	3	3	22.94	22.86	22.89
1.4	64QAM	6	0	22.07	22.12	22.14



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	23.98	24.00	23.96
10	QPSK	1	25	23.90	23.97	23.87
10	QPSK	1	49	23.91	23.95	23.85
10	QPSK	25	0	22.96	22.98	22.92
10	QPSK	25	12	22.94	22.97	22.90
10	QPSK	25	25	22.90	22.97	22.92
10	QPSK	50	0	22.84	22.92	22.83
10	16QAM	1	0	23.11	23.15	23.06
10	16QAM	1	25	23.02	23.11	23.07
10	16QAM	1	49	23.11	23.13	23.04
10	16QAM	25	0	22.10	22.16	22.11
10	16QAM	25	12	22.07	22.15	22.06
10	16QAM	25	25	22.07	22.11	22.03
10	16QAM	50	0	22.00	22.10	22.09
10	64QAM	1	0	22.92	22.98	22.92
10	64QAM	1	25	22.89	22.96	22.94
10	64QAM	1	49	22.92	22.97	22.89
10	64QAM	25	0	21.94	22.02	21.97
10	64QAM	25	12	22.00	22.01	21.99
10	64QAM	25	25	21.88	21.98	21.91
10	64QAM	50	0	21.98	22.00	21.98



LTE Band 5						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20425	20525	20625
Frequency (MHz)				826.5	836.5	846.5
5	QPSK	1	0	23.91	23.93	23.88
5	QPSK	1	12	23.83	23.87	23.83
5	QPSK	1	24	23.87	23.87	23.79
5	QPSK	12	0	22.89	22.89	22.84
5	QPSK	12	7	22.91	22.87	22.83
5	QPSK	12	13	22.85	22.96	22.84
5	QPSK	25	0	22.79	22.88	22.77
5	16QAM	1	0	23.03	23.10	22.98
5	16QAM	1	12	22.95	23.01	23.01
5	16QAM	1	24	23.03	23.11	22.97
5	16QAM	12	0	22.05	22.10	22.10
5	16QAM	12	7	21.99	22.05	22.02
5	16QAM	12	13	22.04	22.07	21.94
5	16QAM	25	0	21.96	22.02	22.01
5	64QAM	1	0	22.85	22.89	22.87
5	64QAM	1	12	22.81	22.90	22.85
5	64QAM	1	24	22.84	22.88	22.82
5	64QAM	12	0	21.86	21.99	21.96
5	64QAM	12	7	21.90	21.99	21.90
5	64QAM	12	13	21.86	21.89	21.90
5	64QAM	25	0	21.95	21.99	21.95



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	23.94	23.97	23.95
3	QPSK	1	8	23.88	23.91	23.82
3	QPSK	1	14	23.87	23.90	23.79
3	QPSK	8	0	22.94	22.93	22.87
3	QPSK	8	4	22.89	22.90	22.89
3	QPSK	8	7	22.88	22.92	22.89
3	QPSK	15	0	22.78	22.87	22.76
3	16QAM	1	0	23.10	23.05	23.04
3	16QAM	1	8	23.00	23.09	22.98
3	16QAM	1	14	23.06	23.09	22.95
3	16QAM	8	0	22.05	22.13	22.10
3	16QAM	8	4	21.99	22.12	22.04
3	16QAM	8	7	22.05	22.09	21.93
3	16QAM	15	0	21.93	22.02	22.07
3	64QAM	1	0	22.85	22.90	22.84
3	64QAM	1	8	22.86	22.93	22.93
3	64QAM	1	14	22.89	22.87	22.82
3	64QAM	8	0	21.90	22.01	21.94
3	64QAM	8	4	21.90	22.00	21.89
3	64QAM	8	7	21.84	21.96	21.87
3	64QAM	15	0	21.89	21.93	21.93



LTE Band 5						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				20407	20525	20643
Frequency (MHz)				824.7	836.5	848.3
1.4	QPSK	1	0	23.91	23.97	23.94
1.4	QPSK	1	3	23.82	23.88	23.81
1.4	QPSK	1	5	23.83	23.90	23.75
1.4	QPSK	3	0	23.74	23.72	23.64
1.4	QPSK	3	1	23.70	23.68	23.66
1.4	QPSK	3	3	23.67	23.74	23.64
1.4	QPSK	6	0	22.78	22.88	22.82
1.4	16QAM	1	0	23.09	23.06	22.99
1.4	16QAM	1	3	22.92	23.02	22.97
1.4	16QAM	1	5	23.07	23.08	22.98
1.4	16QAM	3	0	22.86	22.88	22.86
1.4	16QAM	3	1	22.79	22.87	22.84
1.4	16QAM	3	3	22.85	22.90	22.73
1.4	16QAM	6	0	21.91	22.02	22.02
1.4	64QAM	1	0	22.83	22.96	22.88
1.4	64QAM	1	3	22.88	22.86	22.84
1.4	64QAM	1	5	22.89	22.90	22.88
1.4	64QAM	3	0	22.70	22.75	22.71
1.4	64QAM	3	1	22.74	22.77	22.72
1.4	64QAM	3	3	22.63	22.71	22.61
1.4	64QAM	6	0	21.89	21.97	21.95



LTE Band 12						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23060	23095	23130
Frequency (MHz)				704	707.5	711
10	QPSK	1	0	23.53	23.56	23.51
10	QPSK	1	25	23.49	23.55	23.52
10	QPSK	1	49	23.44	23.52	23.42
10	QPSK	25	0	22.55	22.60	22.54
10	QPSK	25	12	22.52	22.58	22.49
10	QPSK	25	25	22.51	22.56	22.50
10	QPSK	50	0	22.53	22.55	22.48
10	16QAM	1	0	22.48	22.57	22.52
10	16QAM	1	25	22.49	22.52	22.45
10	16QAM	1	49	22.40	22.50	22.40
10	16QAM	25	0	21.63	21.65	21.56
10	16QAM	25	12	21.61	21.63	21.56
10	16QAM	25	25	21.57	21.62	21.59
10	16QAM	50	0	21.57	21.66	21.56
10	64QAM	1	0	22.41	22.49	22.43
10	64QAM	1	25	22.43	22.47	22.44
10	64QAM	1	49	22.40	22.48	22.40
10	64QAM	25	0	21.46	21.53	21.52
10	64QAM	25	12	21.51	21.52	21.50
10	64QAM	25	25	21.40	21.50	21.44
10	64QAM	50	0	21.45	21.54	21.51



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	23.44	23.51	23.44
5	QPSK	1	12	23.41	23.51	23.42
5	QPSK	1	24	23.41	23.42	23.41
5	QPSK	12	0	22.45	22.58	22.45
5	QPSK	12	7	22.43	22.56	22.43
5	QPSK	12	13	22.50	22.48	22.43
5	QPSK	25	0	22.50	22.52	22.41
5	16QAM	1	0	22.43	22.47	22.47
5	16QAM	1	12	22.48	22.48	22.43
5	16QAM	1	24	22.34	22.42	22.39
5	16QAM	12	0	21.57	21.61	21.54
5	16QAM	12	7	21.56	21.54	21.53
5	16QAM	12	13	21.47	21.55	21.49
5	16QAM	25	0	21.49	21.57	21.50
5	64QAM	1	0	22.37	22.39	22.40
5	64QAM	1	12	22.36	22.46	22.37
5	64QAM	1	24	22.32	22.43	22.36
5	64QAM	12	0	21.39	21.52	21.48
5	64QAM	12	7	21.50	21.47	21.42
5	64QAM	12	13	21.35	21.45	21.35
5	64QAM	25	0	21.40	21.51	21.47



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	23.44	23.47	23.46
3	QPSK	1	8	23.48	23.48	23.43
3	QPSK	1	14	23.34	23.51	23.36
3	QPSK	8	0	22.52	22.53	22.50
3	QPSK	8	4	22.49	22.50	22.47
3	QPSK	8	7	22.49	22.53	22.41
3	QPSK	15	0	22.44	22.50	22.44
3	16QAM	1	0	22.38	22.50	22.50
3	16QAM	1	8	22.39	22.43	22.44
3	16QAM	1	14	22.36	22.40	22.39
3	16QAM	8	0	21.57	21.57	21.52
3	16QAM	8	4	21.56	21.57	21.55
3	16QAM	8	7	21.50	21.59	21.54
3	16QAM	15	0	21.53	21.62	21.53
3	64QAM	1	0	22.32	22.43	22.41
3	64QAM	1	8	22.35	22.43	22.43
3	64QAM	1	14	22.35	22.42	22.38
3	64QAM	8	0	21.43	21.43	21.46
3	64QAM	8	4	21.50	21.48	21.42
3	64QAM	8	7	21.33	21.44	21.39
3	64QAM	15	0	21.41	21.49	21.48



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	23.51	23.48	23.43
1.4	QPSK	1	3	23.41	23.45	23.43
1.4	QPSK	1	5	23.40	23.44	23.35
1.4	QPSK	3	0	23.33	23.30	23.27
1.4	QPSK	3	1	23.27	23.37	23.28
1.4	QPSK	3	3	23.29	23.32	23.28
1.4	QPSK	6	0	22.49	22.50	22.42
1.4	16QAM	1	0	22.42	22.55	22.50
1.4	16QAM	1	3	22.40	22.48	22.42
1.4	16QAM	1	5	22.30	22.45	22.31
1.4	16QAM	3	0	22.35	22.44	22.27
1.4	16QAM	3	1	22.38	22.35	22.30
1.4	16QAM	3	3	22.31	22.41	22.35
1.4	16QAM	6	0	21.54	21.58	21.54
1.4	64QAM	1	0	22.40	22.43	22.40
1.4	64QAM	1	3	22.37	22.37	22.42
1.4	64QAM	1	5	22.33	22.42	22.32
1.4	64QAM	3	0	22.24	22.26	22.28
1.4	64QAM	3	1	22.25	22.23	22.23
1.4	64QAM	3	3	22.14	22.23	22.20
1.4	64QAM	6	0	21.35	21.52	21.41



LTE Band 17						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				23780	23790	23800
Frequency (MHz)				709	710	711
10	QPSK	1	0	23.42	23.48	23.46
10	QPSK	1	25	23.40	23.47	23.43
10	QPSK	1	49	23.38	23.45	23.39
10	QPSK	25	0	22.48	22.52	22.46
10	QPSK	25	12	22.43	22.50	22.45
10	QPSK	25	25	22.41	22.49	22.39
10	QPSK	50	0	22.44	22.49	22.42
10	16QAM	1	0	22.53	22.55	22.54
10	16QAM	1	25	22.42	22.51	22.49
10	16QAM	1	49	22.47	22.53	22.45
10	16QAM	25	0	21.61	21.63	21.58
10	16QAM	25	12	21.50	21.59	21.58
10	16QAM	25	25	21.51	21.60	21.54
10	16QAM	50	0	21.57	21.62	21.55
10	64QAM	1	0	22.49	22.52	22.47
10	64QAM	1	25	22.44	22.48	22.38
10	64QAM	1	49	22.40	22.46	22.38
10	64QAM	25	0	21.64	21.65	21.59
10	64QAM	25	12	21.58	21.62	21.59
10	64QAM	25	25	21.51	21.60	21.51
10	64QAM	50	0	21.58	21.59	21.58



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	23.41	23.46	23.40
5	QPSK	1	12	23.37	23.45	23.40
5	QPSK	1	24	23.35	23.42	23.38
5	QPSK	12	0	22.46	22.51	22.41
5	QPSK	12	7	22.37	22.44	22.43
5	QPSK	12	13	22.39	22.44	22.35
5	QPSK	25	0	22.36	22.39	22.37
5	16QAM	1	0	22.49	22.53	22.44
5	16QAM	1	12	22.32	22.43	22.45
5	16QAM	1	24	22.42	22.50	22.43
5	16QAM	12	0	21.58	21.62	21.49
5	16QAM	12	7	21.44	21.57	21.49
5	16QAM	12	13	21.48	21.59	21.47
5	16QAM	25	0	21.51	21.55	21.46
5	64QAM	1	0	22.48	22.48	22.37
5	64QAM	1	12	22.36	22.41	22.29
5	64QAM	1	24	22.36	22.39	22.37
5	64QAM	12	0	21.54	21.56	21.58
5	64QAM	12	7	21.55	21.60	21.52
5	64QAM	12	13	21.49	21.52	21.47
5	64QAM	25	0	21.51	21.52	21.53



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	24.15	24.11	24.08
20	QPSK	1	49	24.09	24.03	24.02
20	QPSK	1	99	24.06	23.97	23.98
20	QPSK	50	0	23.08	23.05	23.03
20	QPSK	50	24	23.05	22.97	23.02
20	QPSK	50	50	23.04	22.98	23.02
20	QPSK	100	0	23.06	23.00	22.99
20	16QAM	1	0	23.63	23.55	23.57
20	16QAM	1	49	23.56	23.49	23.55
20	16QAM	1	99	23.57	23.54	23.56
20	16QAM	50	0	22.18	22.08	22.08
20	16QAM	50	24	22.14	22.09	22.09
20	16QAM	50	50	22.12	22.05	22.03
20	16QAM	100	0	22.16	22.09	22.08
20	64QAM	1	0	23.14	23.11	23.06
20	64QAM	1	49	23.12	23.11	23.09
20	64QAM	1	99	23.11	23.06	23.08
20	64QAM	50	0	22.24	22.14	22.21
20	64QAM	50	24	22.20	22.13	22.14
20	64QAM	50	50	22.19	22.18	22.09
20	64QAM	100	0	22.22	22.12	22.20



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	24.14	24.01	24.03
15	QPSK	1	37	24.03	23.94	23.98
15	QPSK	1	74	24.04	23.93	23.89
15	QPSK	36	0	22.98	22.92	22.94
15	QPSK	36	20	22.98	22.89	22.92
15	QPSK	36	39	23.01	22.96	23.01
15	QPSK	75	0	23.03	22.91	22.92
15	16QAM	1	0	23.62	23.50	23.48
15	16QAM	1	37	23.49	23.40	23.49
15	16QAM	1	74	23.53	23.49	23.52
15	16QAM	36	0	22.13	22.02	22.02
15	16QAM	36	20	22.11	22.06	22.08
15	16QAM	36	39	22.02	21.95	21.93
15	16QAM	75	0	22.13	22.08	22.00
15	64QAM	1	0	23.07	23.02	23.01
15	64QAM	1	37	23.06	23.10	22.99
15	64QAM	1	74	23.10	22.98	23.05
15	64QAM	36	0	22.23	22.04	22.13
15	64QAM	36	20	22.17	22.09	22.06
15	64QAM	36	39	22.16	22.12	22.02
15	64QAM	75	0	22.21	22.03	22.15



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	24.14	24.10	24.04
10	QPSK	1	25	23.99	24.00	23.98
10	QPSK	1	49	24.05	23.94	23.93
10	QPSK	25	0	23.07	22.92	22.92
10	QPSK	25	12	23.01	22.95	22.92
10	QPSK	25	25	23.00	22.90	22.94
10	QPSK	50	0	23.03	22.99	22.97
10	16QAM	1	0	23.57	23.52	23.50
10	16QAM	1	25	23.55	23.45	23.53
10	16QAM	1	49	23.49	23.49	23.55
10	16QAM	25	0	22.15	21.99	22.06
10	16QAM	25	12	22.06	22.07	22.04
10	16QAM	25	25	22.06	22.01	21.98
10	16QAM	50	0	22.12	21.99	22.04
10	64QAM	1	0	23.12	23.03	22.98
10	64QAM	1	25	23.04	23.06	23.07
10	64QAM	1	49	23.02	23.03	23.01
10	64QAM	25	0	22.15	22.13	22.14
10	64QAM	25	12	22.12	22.06	22.11
10	64QAM	25	25	22.13	22.12	22.05
10	64QAM	50	0	22.13	22.05	22.13



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	24.06	24.09	24.06
5	QPSK	1	12	24.00	23.97	23.92
5	QPSK	1	24	23.99	23.87	23.91
5	QPSK	12	0	23.01	22.96	22.99
5	QPSK	12	7	22.99	22.87	22.96
5	QPSK	12	13	22.99	22.97	23.00
5	QPSK	25	0	23.05	22.94	22.90
5	16QAM	1	0	23.55	23.51	23.50
5	16QAM	1	12	23.55	23.41	23.53
5	16QAM	1	24	23.48	23.53	23.52
5	16QAM	12	0	22.08	21.98	22.04
5	16QAM	12	7	22.08	22.08	22.00
5	16QAM	12	13	22.10	21.95	21.95
5	16QAM	25	0	22.10	22.02	22.06
5	64QAM	1	0	23.10	23.02	23.05
5	64QAM	1	12	23.11	23.01	23.02
5	64QAM	1	24	23.02	23.04	22.98
5	64QAM	12	0	22.23	22.13	22.19
5	64QAM	12	7	22.10	22.10	22.05
5	64QAM	12	13	22.11	22.09	22.06
5	64QAM	25	0	22.17	22.04	22.12



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				26055	26365	26675
Frequency (MHz)				1851.5	1882.5	1913.5
3	QPSK	1	0	24.06	24.04	24.05
3	QPSK	1	8	24.00	23.97	23.94
3	QPSK	1	14	24.03	23.94	23.89
3	QPSK	8	0	23.02	22.98	22.99
3	QPSK	8	4	22.95	22.88	22.99
3	QPSK	8	7	23.01	22.94	22.95
3	QPSK	15	0	23.04	22.96	22.97
3	16QAM	1	0	23.61	23.48	23.53
3	16QAM	1	8	23.52	23.42	23.45
3	16QAM	1	14	23.50	23.51	23.51
3	16QAM	8	0	22.16	22.05	22.06
3	16QAM	8	4	22.09	22.02	22.04
3	16QAM	8	7	22.04	21.96	22.00
3	16QAM	15	0	22.11	21.99	22.06
3	64QAM	1	0	23.11	23.05	23.00
3	64QAM	1	8	23.03	23.10	23.07
3	64QAM	1	14	23.03	23.01	23.05
3	64QAM	8	0	22.18	22.08	22.19
3	64QAM	8	4	22.16	22.12	22.04
3	64QAM	8	7	22.14	22.17	22.03
3	64QAM	15	0	22.12	22.02	22.17



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	24.14	24.02	23.99
1.4	QPSK	1	3	24.02	23.98	23.97
1.4	QPSK	1	5	24.04	23.87	23.89
1.4	QPSK	3	0	23.84	23.79	23.77
1.4	QPSK	3	1	23.77	23.68	23.75
1.4	QPSK	3	3	23.78	23.71	23.77
1.4	QPSK	6	0	23.04	22.96	22.93
1.4	16QAM	1	0	23.54	23.54	23.49
1.4	16QAM	1	3	23.46	23.45	23.48
1.4	16QAM	1	5	23.48	23.53	23.52
1.4	16QAM	3	0	22.88	22.78	22.85
1.4	16QAM	3	1	22.92	22.81	22.85
1.4	16QAM	3	3	22.89	22.79	22.76
1.4	16QAM	6	0	22.08	21.99	22.01
1.4	64QAM	1	0	23.06	23.07	22.99
1.4	64QAM	1	3	23.02	23.05	23.00
1.4	64QAM	1	5	23.07	22.97	22.98
1.4	64QAM	3	0	23.00	22.86	22.97
1.4	64QAM	3	1	22.91	22.86	22.87
1.4	64QAM	3	3	22.93	22.89	22.84
1.4	64QAM	6	0	22.17	22.08	22.10



LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26865	26915	26965
Frequency (MHz)				831.5	836.5	841.5
15	QPSK	1	0	23.23	23.40	23.47
15	QPSK	1	37	23.48	23.21	23.59
15	QPSK	1	74	23.12	23.35	23.26
15	QPSK	36	0	22.99	22.83	22.65
15	QPSK	36	20	22.54	22.61	22.67
15	QPSK	36	39	22.89	23.04	23.00
15	QPSK	75	0	22.85	22.56	22.92
15	16QAM	1	0	21.69	22.87	23.12
15	16QAM	1	37	22.83	23.07	23.11
15	16QAM	1	74	22.63	23.27	21.98
15	16QAM	36	0	21.87	21.99	22.07
15	16QAM	36	20	21.99	21.49	22.08
15	16QAM	36	39	21.80	21.24	22.10
15	16QAM	75	0	21.86	21.54	21.86
15	64QAM	1	0	22.67	23.00	22.71
15	64QAM	1	37	22.38	22.58	22.49
15	64QAM	1	74	22.58	22.41	22.68
15	64QAM	36	0	21.70	22.06	22.76
15	64QAM	36	20	22.02	21.54	21.62
15	64QAM	36	39	21.86	21.72	22.25
15	64QAM	75	0	21.92	21.54	22.04



LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26840	26915	26990
Frequency (MHz)				829.0	836.5	844.0
10	QPSK	1	0	22.98	22.90	23.07
10	QPSK	1	25	23.14	23.36	23.67
10	QPSK	1	49	23.20	23.34	23.31
10	QPSK	25	0	22.90	22.74	22.92
10	QPSK	25	12	22.75	22.65	22.48
10	QPSK	25	25	22.90	22.73	22.48
10	QPSK	50	0	22.72	23.00	23.02
10	16QAM	1	0	22.83	22.82	22.71
10	16QAM	1	25	22.73	23.22	22.66
10	16QAM	1	49	22.92	23.05	22.88
10	16QAM	25	0	21.44	21.93	22.12
10	16QAM	25	12	21.84	21.96	22.33
10	16QAM	25	25	22.02	21.31	22.25
10	16QAM	50	0	21.70	21.47	22.15
10	64QAM	1	0	22.30	22.53	22.74
10	64QAM	1	25	22.82	22.56	22.71
10	64QAM	1	49	22.60	22.59	22.61
10	64QAM	25	0	21.81	22.06	21.84
10	64QAM	25	12	22.00	21.98	22.32
10	64QAM	25	25	21.91	21.67	22.06
10	64QAM	50	0	22.01	22.06	22.16



LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26815	26915	27015
Frequency (MHz)				826.5	836.5	846.5
5	QPSK	1	0	23.07	22.99	23.28
5	QPSK	1	12	23.06	23.96	22.89
5	QPSK	1	24	23.04	22.73	23.44
5	QPSK	12	0	22.32	22.94	22.84
5	QPSK	12	7	22.15	22.91	23.13
5	QPSK	12	13	22.62	22.70	23.03
5	QPSK	25	0	22.73	22.88	22.98
5	16QAM	1	0	22.52	22.64	22.72
5	16QAM	1	12	22.99	22.85	22.65
5	16QAM	1	24	22.58	22.51	22.27
5	16QAM	12	0	21.96	21.87	22.24
5	16QAM	12	7	21.91	20.56	22.17
5	16QAM	12	13	21.87	21.98	21.90
5	16QAM	25	0	21.90	21.79	22.08
5	64QAM	1	0	22.50	23.03	22.77
5	64QAM	1	12	22.55	22.71	22.70
5	64QAM	1	24	22.30	22.68	22.70
5	64QAM	12	0	21.98	21.73	22.02
5	64QAM	12	7	21.48	21.58	22.12
5	64QAM	12	13	21.06	22.21	22.11
5	64QAM	25	0	21.84	22.22	22.29



LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26805	26915	27025
Frequency (MHz)				825.5	836.5	847.5
3	QPSK	1	0	22.99	22.89	23.04
3	QPSK	1	8	23.61	22.99	23.54
3	QPSK	1	14	23.25	23.01	22.55
3	QPSK	8	0	22.86	22.83	22.96
3	QPSK	8	4	22.73	22.51	23.08
3	QPSK	8	7	22.74	22.76	22.66
3	QPSK	15	0	22.74	22.43	22.73
3	16QAM	1	0	22.48	22.88	22.84
3	16QAM	1	8	21.16	22.86	22.48
3	16QAM	1	14	22.65	22.82	23.05
3	16QAM	8	0	22.08	21.65	22.17
3	16QAM	8	4	21.59	21.83	22.19
3	16QAM	8	7	21.95	21.49	22.02
3	16QAM	15	0	22.06	22.14	22.00
3	64QAM	1	0	22.32	22.18	22.82
3	64QAM	1	8	21.69	21.99	22.93
3	64QAM	1	14	22.71	22.10	22.61
3	64QAM	8	0	21.81	22.07	21.89
3	64QAM	8	4	21.85	21.80	22.11
3	64QAM	8	7	21.57	21.70	22.18
3	64QAM	15	0	21.72	21.55	22.11



LTE Band 26						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				26797	26915	27033
Frequency (MHz)				824.7	836.5	848.3
1.4	QPSK	1	0	23.42	23.46	23.58
1.4	QPSK	1	3	23.22	23.45	23.53
1.4	QPSK	1	5	23.28	23.37	23.04
1.4	QPSK	3	0	23.13	23.28	23.01
1.4	QPSK	3	1	23.19	23.13	23.37
1.4	QPSK	3	3	23.14	23.20	23.06
1.4	QPSK	6	0	22.48	22.99	22.62
1.4	16QAM	1	0	22.78	22.84	23.16
1.4	16QAM	1	3	22.80	22.80	22.65
1.4	16QAM	1	5	22.81	22.57	23.41
1.4	16QAM	3	0	23.09	23.06	23.00
1.4	16QAM	3	1	23.05	22.90	23.23
1.4	16QAM	3	3	23.06	22.99	23.20
1.4	16QAM	6	0	21.68	21.29	21.92
1.4	64QAM	1	0	22.59	22.64	22.80
1.4	64QAM	1	3	21.80	22.63	21.98
1.4	64QAM	1	5	22.38	22.64	22.55
1.4	64QAM	3	0	22.50	22.32	23.02
1.4	64QAM	3	1	22.99	22.39	23.34
1.4	64QAM	3	3	23.00	22.63	22.45
1.4	64QAM	6	0	22.04	21.45	21.83



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	24.03	24.05	24.10
20	QPSK	1	49	24.00	23.98	24.08
20	QPSK	1	99	24.01	24.03	24.06
20	QPSK	50	0	23.00	23.05	23.08
20	QPSK	50	24	23.01	22.96	23.05
20	QPSK	50	50	22.97	22.94	23.02
20	QPSK	100	0	22.93	22.97	23.00
20	16QAM	1	0	23.06	23.04	23.10
20	16QAM	1	49	23.02	23.03	23.09
20	16QAM	1	99	22.97	23.00	23.06
20	16QAM	50	0	22.01	21.99	22.06
20	16QAM	50	24	22.02	22.02	22.05
20	16QAM	50	50	21.94	21.93	22.03
20	16QAM	100	0	21.99	21.94	22.04
20	64QAM	1	0	23.13	23.10	23.19
20	64QAM	1	49	23.10	23.14	23.17
20	64QAM	1	99	23.12	23.14	23.15
20	64QAM	50	0	22.08	22.08	22.11
20	64QAM	50	24	22.05	22.06	22.10
20	64QAM	50	50	21.99	22.00	22.08
20	64QAM	100	0	22.01	21.98	22.06



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				132047	132322	132597
Frequency (MHz)				1717.5	1745	1772.5
15	QPSK	1	0	23.95	24.01	24.09
15	QPSK	1	37	23.99	23.97	24.03
15	QPSK	1	74	23.93	24.01	24.03
15	QPSK	36	0	22.94	22.97	22.98
15	QPSK	36	20	22.98	22.92	23.03
15	QPSK	36	39	22.89	22.88	22.96
15	QPSK	75	0	22.92	22.91	22.98
15	16QAM	1	0	23.05	23.01	23.02
15	16QAM	1	37	23.01	22.94	23.06
15	16QAM	1	74	22.96	22.99	23.01
15	16QAM	36	0	22.00	21.92	21.97
15	16QAM	36	20	21.98	22.01	22.00
15	16QAM	36	39	21.87	21.87	22.02
15	16QAM	75	0	21.89	21.87	22.02
15	64QAM	1	0	23.06	23.04	23.15
15	64QAM	1	37	23.07	23.08	23.16
15	64QAM	1	74	23.04	23.10	23.05
15	64QAM	36	0	22.05	22.04	22.08
15	64QAM	36	20	22.03	22.02	22.07
15	64QAM	36	39	21.91	21.92	21.99
15	64QAM	75	0	21.95	21.90	22.00



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	23.93	24.00	24.08
10	QPSK	1	25	23.94	23.88	24.03
10	QPSK	1	49	24.00	23.94	24.04
10	QPSK	25	0	22.99	22.98	22.99
10	QPSK	25	12	22.92	22.93	22.98
10	QPSK	25	25	22.87	22.86	23.01
10	QPSK	50	0	22.84	22.87	22.92
10	16QAM	1	0	22.98	23.00	23.01
10	16QAM	1	25	22.97	22.94	23.04
10	16QAM	1	49	22.93	22.93	22.96
10	16QAM	25	0	21.96	21.90	22.05
10	16QAM	25	12	21.94	22.00	21.95
10	16QAM	25	25	21.92	21.90	22.00
10	16QAM	50	0	21.93	21.93	21.99
10	64QAM	1	0	23.07	23.08	23.17
10	64QAM	1	25	23.03	23.09	23.14
10	64QAM	1	49	23.11	23.10	23.12
10	64QAM	25	0	22.02	22.07	22.03
10	64QAM	25	12	22.00	21.97	22.09
10	64QAM	25	25	21.95	21.98	22.04
10	64QAM	50	0	21.99	21.90	22.01



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	23.97	24.03	24.01
5	QPSK	1	12	23.94	23.89	23.98
5	QPSK	1	24	23.93	24.00	24.01
5	QPSK	12	0	22.95	23.04	23.00
5	QPSK	12	7	22.91	22.93	22.99
5	QPSK	12	13	22.96	22.86	22.99
5	QPSK	25	0	22.83	22.93	22.91
5	16QAM	1	0	23.05	23.01	23.09
5	16QAM	1	12	22.92	22.96	23.00
5	16QAM	1	24	22.88	22.92	23.01
5	16QAM	12	0	21.94	21.93	22.00
5	16QAM	12	7	21.98	21.98	22.02
5	16QAM	12	13	21.93	21.83	22.01
5	16QAM	25	0	21.97	21.93	22.01
5	64QAM	1	0	23.08	23.00	23.16
5	64QAM	1	12	23.00	23.12	23.11
5	64QAM	1	24	23.10	23.06	23.13
5	64QAM	12	0	22.07	22.02	22.04
5	64QAM	12	7	22.01	22.00	22.02
5	64QAM	12	13	21.89	21.91	22.02
5	64QAM	25	0	22.00	21.88	22.05



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	23.96	23.97	24.07
3	QPSK	1	8	23.97	23.90	24.03
3	QPSK	1	14	23.97	23.98	24.05
3	QPSK	8	0	22.94	22.97	23.03
3	QPSK	8	4	22.94	22.92	22.95
3	QPSK	8	7	22.92	22.91	22.92
3	QPSK	15	0	22.87	22.92	22.93
3	16QAM	1	0	23.00	22.94	23.01
3	16QAM	1	8	22.95	22.97	23.08
3	16QAM	1	14	22.93	22.90	23.03
3	16QAM	8	0	21.92	21.94	21.99
3	16QAM	8	4	21.96	21.97	21.97
3	16QAM	8	7	21.93	21.83	21.95
3	16QAM	15	0	21.96	21.90	22.02
3	64QAM	1	0	23.06	23.05	23.12
3	64QAM	1	8	23.00	23.09	23.16
3	64QAM	1	14	23.03	23.06	23.13
3	64QAM	8	0	22.04	22.05	22.02
3	64QAM	8	4	22.00	22.00	22.09
3	64QAM	8	7	21.92	21.94	22.03
3	64QAM	15	0	22.00	21.91	21.99



LTE Band 66						
BW [MHz]	Modulation	RB Size	RB Offset	Average Power Low Ch. / Freq.	Average Power Middle Ch. / Freq.	Average Power High Ch. / Freq.
Channel				131979	132322	132665
Frequency (MHz)				1710.7	1745	1779.3
1.4	QPSK	1	0	23.93	23.96	24.02
1.4	QPSK	1	3	23.96	23.93	24.06
1.4	QPSK	1	5	23.93	23.94	23.97
1.4	QPSK	3	0	23.78	23.79	23.87
1.4	QPSK	3	1	23.77	23.73	23.84
1.4	QPSK	3	3	23.76	23.67	23.81
1.4	QPSK	6	0	22.88	22.91	22.94
1.4	16QAM	1	0	23.03	23.02	23.06
1.4	16QAM	1	3	22.99	23.00	23.05
1.4	16QAM	1	5	22.90	22.90	23.02
1.4	16QAM	3	0	22.75	22.76	22.77
1.4	16QAM	3	1	22.80	22.74	22.81
1.4	16QAM	3	3	22.68	22.66	22.73
1.4	16QAM	6	0	21.89	21.90	22.01
1.4	64QAM	1	0	23.04	23.03	23.12
1.4	64QAM	1	3	23.09	23.11	23.11
1.4	64QAM	1	5	23.02	23.08	23.08
1.4	64QAM	3	0	22.87	22.87	22.84
1.4	64QAM	3	1	22.76	22.80	22.85
1.4	64QAM	3	3	22.72	22.72	22.86
1.4	64QAM	6	0	21.97	21.89	21.97



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	24.03	24.05	24.02
20	QPSK	1	49	24.01	24.03	23.93
20	QPSK	1	99	23.97	24.01	24.00
20	QPSK	50	0	23.03	23.10	23.02
20	QPSK	50	24	23.04	23.07	22.98
20	QPSK	50	50	23.04	23.05	23.03
20	QPSK	100	0	23.06	23.08	23.04
20	16QAM	1	0	23.14	23.21	23.18
20	16QAM	1	49	23.12	23.18	23.08
20	16QAM	1	99	23.15	23.19	23.15
20	16QAM	50	0	22.03	22.12	22.10
20	16QAM	50	24	22.07	22.10	22.05
20	16QAM	50	50	22.05	22.09	21.99
20	16QAM	100	0	22.06	22.07	22.03
20	64QAM	1	0	23.03	23.05	23.03
20	64QAM	1	49	22.98	23.04	23.01
20	64QAM	1	99	22.94	23.02	22.97
20	64QAM	50	0	22.04	22.13	22.05
20	64QAM	50	24	22.08	22.10	22.08
20	64QAM	50	50	22.06	22.07	22.04
20	64QAM	100	0	22.10	22.12	22.04



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	23.94	23.95	23.97
15	QPSK	1	37	23.99	23.98	23.86
15	QPSK	1	74	23.89	24.00	23.94
15	QPSK	36	0	22.96	23.08	22.92
15	QPSK	36	20	23.03	22.99	22.97
15	QPSK	36	39	22.94	22.98	22.94
15	QPSK	75	0	23.05	23.04	22.94
15	16QAM	1	0	23.07	23.14	23.14
15	16QAM	1	37	23.09	23.08	23.07
15	16QAM	1	74	23.14	23.09	23.14
15	16QAM	36	0	22.01	22.02	22.06
15	16QAM	36	20	22.02	22.06	21.96
15	16QAM	36	39	22.01	22.07	21.95
15	16QAM	75	0	22.01	22.01	21.95
15	64QAM	1	0	22.93	22.99	22.93
15	64QAM	1	37	22.94	23.01	22.97
15	64QAM	1	74	22.85	22.99	22.91
15	64QAM	36	0	22.01	22.06	22.02
15	64QAM	36	20	21.99	22.06	22.00
15	64QAM	36	39	22.05	22.04	21.95
15	64QAM	75	0	22.03	22.10	21.97



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	23.96	23.99	23.93
10	QPSK	1	25	23.98	23.99	23.92
10	QPSK	1	49	23.89	23.91	23.90
10	QPSK	25	0	22.95	23.04	23.00
10	QPSK	25	12	23.01	23.06	22.91
10	QPSK	25	25	23.00	23.00	23.00
10	QPSK	50	0	23.00	23.00	23.02
10	16QAM	1	0	23.08	23.16	23.13
10	16QAM	1	25	23.10	23.11	23.02
10	16QAM	1	49	23.09	23.09	23.14
10	16QAM	25	0	21.94	22.09	22.02
10	16QAM	25	12	22.03	22.09	21.99
10	16QAM	25	25	21.95	22.02	21.90
10	16QAM	50	0	22.05	22.06	22.01
10	64QAM	1	0	22.95	22.95	22.98
10	64QAM	1	25	22.95	23.02	22.94
10	64QAM	1	49	22.89	22.95	22.87
10	64QAM	25	0	22.02	22.11	21.99
10	64QAM	25	12	22.01	22.02	22.07
10	64QAM	25	25	22.02	21.97	21.95
10	64QAM	50	0	22.08	22.05	22.00



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	23.94	23.97	23.93
5	QPSK	1	12	23.93	23.98	23.84
5	QPSK	1	24	23.92	24.00	23.91
5	QPSK	12	0	23.00	23.09	23.00
5	QPSK	12	7	22.94	23.00	22.90
5	QPSK	12	13	23.03	22.96	22.93
5	QPSK	25	0	23.05	23.06	23.02
5	16QAM	1	0	23.04	23.15	23.11
5	16QAM	1	12	23.06	23.08	23.01
5	16QAM	1	24	23.13	23.16	23.10
5	16QAM	12	0	22.01	22.02	22.08
5	16QAM	12	7	22.03	22.08	21.97
5	16QAM	12	13	21.95	22.00	21.93
5	16QAM	25	0	21.99	22.04	21.93
5	64QAM	1	0	22.98	22.95	22.99
5	64QAM	1	12	22.91	22.98	22.95
5	64QAM	1	24	22.86	22.96	22.95
5	64QAM	12	0	21.95	22.10	21.99
5	64QAM	12	7	22.05	22.05	22.07
5	64QAM	12	13	21.99	22.00	21.94
5	64QAM	25	0	22.05	22.02	22.00

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

LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18700		18900		19100	
Frequency (MHz)				1860		1880		1900	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	26.91	0.491	26.85	0.484	26.89	0.489
20	QPSK	1	49	26.71	0.469	26.66	0.463	26.64	0.461
20	QPSK	1	99	26.80	0.479	26.77	0.475	26.74	0.472
20	QPSK	50	0	25.86	0.385	25.78	0.378	25.85	0.385
20	QPSK	50	24	25.71	0.372	25.64	0.366	25.64	0.366
20	QPSK	50	50	25.69	0.371	25.59	0.362	25.64	0.366
20	QPSK	100	0	25.76	0.377	25.69	0.371	25.74	0.375
20	16QAM	1	0	25.96	0.394	25.86	0.385	25.90	0.389
20	16QAM	1	49	25.89	0.388	25.81	0.381	25.79	0.379
20	16QAM	1	99	25.82	0.382	25.77	0.378	25.77	0.378
20	16QAM	50	0	24.88	0.308	24.82	0.303	24.83	0.304
20	16QAM	50	24	24.76	0.299	24.74	0.298	24.72	0.296
20	16QAM	50	50	24.73	0.297	24.65	0.292	24.72	0.296
20	16QAM	100	0	24.77	0.300	24.76	0.299	24.71	0.296
20	64QAM	1	0	25.85	0.385	25.83	0.383	25.84	0.384
20	64QAM	1	49	25.72	0.373	25.63	0.366	25.70	0.372
20	64QAM	1	99	25.71	0.372	25.69	0.371	25.66	0.368
20	64QAM	50	0	24.91	0.310	24.87	0.307	24.89	0.308
20	64QAM	50	24	24.73	0.297	24.63	0.290	24.63	0.290
20	64QAM	50	50	24.77	0.300	24.72	0.296	24.71	0.296
20	64QAM	100	0	24.76	0.299	24.75	0.299	24.67	0.293



LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18675		18900		19125	
Frequency (MHz)				1857.5		1880		1902.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	26.84	0.483	26.80	0.479	26.80	0.479
15	QPSK	1	37	26.62	0.459	26.57	0.454	26.60	0.457
15	QPSK	1	74	26.70	0.468	26.67	0.465	26.69	0.467
15	QPSK	36	0	25.76	0.377	25.77	0.378	25.84	0.384
15	QPSK	36	20	25.66	0.368	25.56	0.360	25.54	0.358
15	QPSK	36	39	25.67	0.369	25.58	0.361	25.62	0.365
15	QPSK	75	0	25.58	0.361	25.56	0.360	25.57	0.361
15	16QAM	1	0	25.94	0.393	25.84	0.384	25.82	0.382
15	16QAM	1	37	25.80	0.380	25.78	0.378	25.69	0.371
15	16QAM	1	74	25.74	0.375	25.71	0.372	25.69	0.371
15	16QAM	36	0	24.81	0.303	24.80	0.302	24.82	0.303
15	16QAM	36	20	24.69	0.294	24.68	0.294	24.64	0.291
15	16QAM	36	39	24.70	0.295	24.61	0.289	24.71	0.296
15	16QAM	75	0	24.68	0.294	24.73	0.297	24.65	0.292
15	64QAM	1	0	25.83	0.383	25.81	0.381	25.81	0.381
15	64QAM	1	37	25.70	0.372	25.60	0.363	25.66	0.368
15	64QAM	1	74	25.63	0.366	25.60	0.363	25.60	0.363
15	64QAM	36	0	24.89	0.308	24.78	0.301	24.85	0.305
15	64QAM	36	20	24.70	0.295	24.61	0.289	24.57	0.286
15	64QAM	36	39	24.75	0.299	24.66	0.292	24.68	0.294
15	64QAM	75	0	24.70	0.295	24.74	0.298	24.64	0.291



LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18650		18900		19150	
Frequency (MHz)				1855		1880		1905	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	26.89	0.489	26.77	0.475	26.83	0.482
10	QPSK	1	25	26.66	0.463	26.59	0.456	26.60	0.457
10	QPSK	1	49	26.70	0.468	26.74	0.472	26.64	0.461
10	QPSK	25	0	25.81	0.381	25.77	0.378	25.84	0.384
10	QPSK	25	12	25.65	0.367	25.62	0.365	25.60	0.363
10	QPSK	25	25	25.63	0.366	25.50	0.355	25.56	0.360
10	QPSK	50	0	25.64	0.366	25.58	0.361	25.61	0.364
10	16QAM	1	0	25.90	0.389	25.80	0.380	25.81	0.381
10	16QAM	1	25	25.82	0.382	25.79	0.379	25.74	0.375
10	16QAM	1	49	25.74	0.375	25.74	0.375	25.73	0.374
10	16QAM	25	0	24.80	0.302	24.81	0.303	24.76	0.299
10	16QAM	25	12	24.67	0.293	24.68	0.294	24.71	0.296
10	16QAM	25	25	24.70	0.295	24.60	0.288	24.69	0.294
10	16QAM	50	0	24.75	0.299	24.68	0.294	24.62	0.290
10	64QAM	1	0	25.83	0.383	25.77	0.378	25.80	0.380
10	64QAM	1	25	25.69	0.371	25.56	0.360	25.64	0.366
10	64QAM	1	49	25.69	0.371	25.62	0.365	25.59	0.362
10	64QAM	25	0	24.88	0.308	24.83	0.304	24.88	0.308
10	64QAM	25	12	24.65	0.292	24.53	0.284	24.59	0.288
10	64QAM	25	25	24.70	0.295	24.66	0.292	24.68	0.294
10	64QAM	50	0	24.74	0.298	24.68	0.294	24.62	0.290



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		0.480	26.83	0.482	26.79	0.478
5	QPSK	1	12	26.67	0.465	26.60	0.457	26.56	0.453
5	QPSK	1	24	26.73	0.471	26.71	0.469	26.67	0.465
5	QPSK	12	0	25.77	0.378	25.73	0.374	25.83	0.383
5	QPSK	12	7	25.67	0.369	25.55	0.359	25.62	0.365
5	QPSK	12	13	25.61	0.364	25.54	0.358	25.55	0.359
5	QPSK	25	0	25.59	0.362	25.55	0.359	25.55	0.359
5	16QAM	1	0	25.95	0.394	25.77	0.378	25.89	0.388
5	16QAM	1	12	25.84	0.384	25.74	0.375	25.71	0.372
5	16QAM	1	24	25.78	0.378	25.68	0.370	25.68	0.370
5	16QAM	12	0	24.78	0.301	24.80	0.302	24.81	0.303
5	16QAM	12	7	24.72	0.296	24.69	0.294	24.68	0.294
5	16QAM	12	13	24.68	0.294	24.59	0.288	24.70	0.295
5	16QAM	25	0	24.70	0.295	24.68	0.294	24.67	0.293
5	64QAM	1	0	25.78	0.378	25.80	0.380	25.76	0.377
5	64QAM	1	12	25.71	0.372	25.61	0.364	25.63	0.366
5	64QAM	1	24	25.61	0.364	25.67	0.369	25.58	0.361
5	64QAM	12	0	24.84	0.305	24.82	0.303	24.83	0.304
5	64QAM	12	7	24.70	0.295	24.59	0.288	24.60	0.288
5	64QAM	12	13	24.69	0.294	24.63	0.290	24.67	0.293
5	64QAM	25	0	24.66	0.292	24.70	0.295	24.57	0.286



LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18615		18900		19185	
Frequency (MHz)				1851.5		1880		1908.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	26.85	0.484	26.79	0.478	26.79	0.478
3	QPSK	1	8	26.70	0.468	26.61	0.458	26.54	0.451
3	QPSK	1	14	26.72	0.470	26.71	0.469	26.69	0.467
3	QPSK	8	0	25.77	0.378	25.77	0.378	25.79	0.379
3	QPSK	8	4	25.61	0.364	25.55	0.359	25.54	0.358
3	QPSK	8	7	25.64	0.366	25.55	0.359	25.55	0.359
3	QPSK	15	0	25.65	0.367	25.52	0.356	25.57	0.361
3	16QAM	1	0	25.87	0.386	25.85	0.385	25.84	0.384
3	16QAM	1	8	25.84	0.384	25.72	0.373	25.77	0.378
3	16QAM	1	14	25.75	0.376	25.75	0.376	25.70	0.372
3	16QAM	8	0	24.79	0.301	24.75	0.299	24.78	0.301
3	16QAM	8	4	24.71	0.296	24.70	0.295	24.71	0.296
3	16QAM	8	7	24.70	0.295	24.62	0.290	24.71	0.296
3	16QAM	15	0	24.73	0.297	24.66	0.292	24.67	0.293
3	64QAM	1	0	25.79	0.379	25.82	0.382	25.75	0.376
3	64QAM	1	8	25.66	0.368	25.59	0.362	25.60	0.363
3	64QAM	1	14	25.67	0.369	25.62	0.365	25.60	0.363
3	64QAM	8	0	24.90	0.309	24.79	0.301	24.82	0.303
3	64QAM	8	4	24.66	0.292	24.57	0.286	24.57	0.286
3	64QAM	8	7	24.75	0.299	24.65	0.292	24.68	0.294
3	64QAM	15	0	24.74	0.298	24.74	0.298	24.64	0.291



LTE Band 2				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				18607		18900		19193	
Frequency (MHz)				1850.7		1880		1909.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	26.82	0.481	26.81	0.480	26.81	0.480
1.4	QPSK	1	3	26.61	0.458	26.61	0.458	26.62	0.459
1.4	QPSK	1	5	26.72	0.470	26.68	0.466	26.66	0.463
1.4	QPSK	3	0	26.56	0.453	26.55	0.452	26.59	0.456
1.4	QPSK	3	1	26.42	0.439	26.39	0.436	26.35	0.432
1.4	QPSK	3	3	26.39	0.436	26.36	0.433	26.43	0.440
1.4	QPSK	6	0	25.59	0.362	25.54	0.358	25.59	0.362
1.4	16QAM	1	0	25.92	0.391	25.81	0.381	25.84	0.384
1.4	16QAM	1	3	25.84	0.384	25.78	0.378	25.69	0.371
1.4	16QAM	1	5	25.76	0.377	25.71	0.372	25.69	0.371
1.4	16QAM	3	0	25.63	0.366	25.56	0.360	25.53	0.357
1.4	16QAM	3	1	25.52	0.356	25.53	0.357	25.51	0.356
1.4	16QAM	3	3	25.45	0.351	25.36	0.344	25.49	0.354
1.4	16QAM	6	0	24.68	0.294	24.72	0.296	24.66	0.292
1.4	64QAM	1	0	25.82	0.382	25.79	0.379	25.80	0.380
1.4	64QAM	1	3	25.67	0.369	25.53	0.357	25.61	0.364
1.4	64QAM	1	5	25.67	0.369	25.60	0.363	25.56	0.360
1.4	64QAM	3	0	25.66	0.368	25.64	0.366	25.66	0.368
1.4	64QAM	3	1	25.50	0.355	25.41	0.348	25.42	0.348
1.4	64QAM	3	3	25.50	0.355	25.44	0.350	25.41	0.348
1.4	64QAM	6	0	24.69	0.294	24.71	0.296	24.60	0.288



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20050		20175		20300	
Frequency (MHz)				1720		1732.5		1745	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	26.18	0.415	26.19	0.416	26.22	0.419
20	QPSK	1	49	26.17	0.414	26.16	0.413	26.19	0.416
20	QPSK	1	99	26.15	0.412	26.15	0.412	26.17	0.414
20	QPSK	50	0	25.15	0.327	25.16	0.328	25.18	0.330
20	QPSK	50	24	25.13	0.326	25.08	0.322	25.16	0.328
20	QPSK	50	50	25.09	0.323	25.06	0.321	25.14	0.327
20	QPSK	100	0	25.10	0.324	25.09	0.323	25.12	0.325
20	16QAM	1	0	25.14	0.327	25.20	0.331	25.23	0.333
20	16QAM	1	49	25.18	0.330	25.16	0.328	25.19	0.330
20	16QAM	1	99	25.07	0.321	25.11	0.324	25.17	0.329
20	16QAM	50	0	24.22	0.264	24.25	0.266	24.27	0.267
20	16QAM	50	24	24.14	0.259	24.15	0.260	24.24	0.265
20	16QAM	50	50	24.12	0.258	24.03	0.253	24.13	0.259
20	16QAM	100	0	24.18	0.262	24.17	0.261	24.23	0.265
20	64QAM	1	0	25.31	0.340	25.27	0.337	25.36	0.344
20	64QAM	1	49	25.24	0.334	25.28	0.337	25.34	0.342
20	64QAM	1	99	25.26	0.336	25.30	0.339	25.34	0.342
20	64QAM	50	0	24.27	0.267	24.28	0.268	24.33	0.271
20	64QAM	50	24	24.29	0.269	24.27	0.267	24.31	0.270
20	64QAM	50	50	24.30	0.269	24.28	0.268	24.33	0.271
20	64QAM	100	0	24.28	0.268	24.33	0.271	24.34	0.272



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20025		20175		20325	
Frequency (MHz)				1717.5		1732.5		1747.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	26.16	0.413	26.13	0.410	26.13	0.410
15	QPSK	1	37	26.13	0.410	26.09	0.406	26.14	0.411
15	QPSK	1	74	26.12	0.409	26.06	0.404	26.12	0.409
15	QPSK	36	0	25.14	0.327	25.06	0.321	25.08	0.322
15	QPSK	36	20	25.11	0.324	25.00	0.316	25.11	0.324
15	QPSK	36	39	25.06	0.321	24.97	0.314	25.11	0.324
15	QPSK	75	0	25.05	0.320	25.04	0.319	25.10	0.324
15	16QAM	1	0	25.05	0.320	25.18	0.330	25.20	0.331
15	16QAM	1	37	25.16	0.328	25.12	0.325	25.10	0.324
15	16QAM	1	74	25.03	0.318	25.06	0.321	25.15	0.327
15	16QAM	36	0	24.20	0.263	24.23	0.265	24.21	0.264
15	16QAM	36	20	24.04	0.254	24.08	0.256	24.14	0.259
15	16QAM	36	39	24.03	0.253	23.93	0.247	24.06	0.255
15	16QAM	75	0	24.13	0.259	24.14	0.259	24.19	0.262
15	64QAM	1	0	25.30	0.339	25.22	0.333	25.27	0.337
15	64QAM	1	37	25.18	0.330	25.19	0.330	25.33	0.341
15	64QAM	1	74	25.18	0.330	25.25	0.335	25.31	0.340
15	64QAM	36	0	24.25	0.266	24.21	0.264	24.28	0.268
15	64QAM	36	20	24.27	0.267	24.20	0.263	24.25	0.266
15	64QAM	36	39	24.24	0.265	24.19	0.262	24.24	0.265
15	64QAM	75	0	24.19	0.262	24.32	0.270	24.26	0.267



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				20000		20175		20350	
Frequency (MHz)				1715		1732.5		1750	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	26.12	0.409	26.09	0.406	26.18	0.415
10	QPSK	1	25	26.14	0.411	26.07	0.405	26.14	0.411
10	QPSK	1	49	26.14	0.411	26.12	0.409	26.11	0.408
10	QPSK	25	0	25.14	0.327	25.07	0.321	25.12	0.325
10	QPSK	25	12	25.10	0.324	25.04	0.319	25.11	0.324
10	QPSK	25	25	25.05	0.320	25.01	0.317	25.04	0.319
10	QPSK	50	0	25.04	0.319	25.07	0.321	25.05	0.320
10	16QAM	1	0	25.11	0.324	25.19	0.330	25.13	0.326
10	16QAM	1	25	25.17	0.329	25.06	0.321	25.18	0.330
10	16QAM	1	49	25.01	0.317	25.04	0.319	25.14	0.327
10	16QAM	25	0	24.20	0.263	24.17	0.261	24.20	0.263
10	16QAM	25	12	24.07	0.255	24.07	0.255	24.18	0.262
10	16QAM	25	25	24.06	0.255	23.96	0.249	24.11	0.258
10	16QAM	50	0	24.10	0.257	24.10	0.257	24.14	0.259
10	64QAM	1	0	25.30	0.339	25.23	0.333	25.29	0.338
10	64QAM	1	25	25.22	0.333	25.26	0.336	25.27	0.337
10	64QAM	1	49	25.21	0.332	25.29	0.338	25.32	0.340
10	64QAM	25	0	24.20	0.263	24.26	0.267	24.32	0.270
10	64QAM	25	12	24.28	0.268	24.25	0.266	24.25	0.266
10	64QAM	25	25	24.25	0.266	24.26	0.267	24.28	0.268
10	64QAM	50	0	24.18	0.262	24.29	0.269	24.30	0.269



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				19975		20175		20375	
Frequency (MHz)				1712.5		1732.5		1752.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	26.09	0.406	26.18	0.415	26.12	0.409
5	QPSK	1	12	26.08	0.406	26.07	0.405	26.09	0.406
5	QPSK	1	24	26.06	0.404	26.14	0.411	26.09	0.406
5	QPSK	12	0	25.13	0.326	25.06	0.321	25.16	0.328
5	QPSK	12	7	25.08	0.322	25.07	0.321	25.12	0.325
5	QPSK	12	13	25.00	0.316	24.98	0.315	25.06	0.321
5	QPSK	25	0	25.09	0.323	25.02	0.318	25.02	0.318
5	16QAM	1	0	25.13	0.326	25.11	0.324	25.20	0.331
5	16QAM	1	12	25.15	0.327	25.13	0.326	25.18	0.330
5	16QAM	1	24	24.97	0.314	25.06	0.321	25.07	0.321
5	16QAM	12	0	24.13	0.259	24.16	0.261	24.24	0.265
5	16QAM	12	7	24.11	0.258	24.09	0.256	24.23	0.265
5	16QAM	12	13	24.04	0.254	23.98	0.250	24.10	0.257
5	16QAM	25	0	24.12	0.258	24.14	0.259	24.17	0.261
5	64QAM	1	0	25.26	0.336	25.23	0.333	25.26	0.336
5	64QAM	1	12	25.21	0.332	25.20	0.331	25.26	0.336
5	64QAM	1	24	25.24	0.334	25.21	0.332	25.25	0.335
5	64QAM	12	0	24.17	0.261	24.18	0.262	24.30	0.269
5	64QAM	12	7	24.21	0.264	24.22	0.264	24.23	0.265
5	64QAM	12	13	24.23	0.265	24.18	0.262	24.26	0.267
5	64QAM	25	0	24.22	0.264	24.30	0.269	24.33	0.271



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				19965		20175		20385	
Frequency (MHz)				1711.5		1732.5		1753.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	26.15	0.412	26.15	0.412	26.12	0.409
3	QPSK	1	8	26.08	0.406	26.13	0.410	26.13	0.410
3	QPSK	1	14	26.08	0.406	26.07	0.405	26.11	0.408
3	QPSK	8	0	25.14	0.327	25.13	0.326	25.12	0.325
3	QPSK	8	4	25.04	0.319	25.00	0.316	25.06	0.321
3	QPSK	8	7	25.06	0.321	24.97	0.314	25.13	0.326
3	QPSK	15	0	25.02	0.318	24.99	0.316	25.09	0.323
3	16QAM	1	0	25.10	0.324	25.14	0.327	25.16	0.328
3	16QAM	1	8	25.09	0.323	25.14	0.327	25.18	0.330
3	16QAM	1	14	25.01	0.317	25.01	0.317	25.08	0.322
3	16QAM	8	0	24.17	0.261	24.22	0.264	24.17	0.261
3	16QAM	8	4	24.06	0.255	24.05	0.254	24.22	0.264
3	16QAM	8	7	24.10	0.257	24.00	0.251	24.11	0.258
3	16QAM	15	0	24.12	0.258	24.11	0.258	24.15	0.260
3	64QAM	1	0	25.29	0.338	25.26	0.336	25.30	0.339
3	64QAM	1	8	25.16	0.328	25.19	0.330	25.24	0.334
3	64QAM	1	14	25.16	0.328	25.27	0.337	25.24	0.334
3	64QAM	8	0	24.19	0.262	24.24	0.265	24.31	0.270
3	64QAM	8	4	24.21	0.264	24.20	0.263	24.29	0.269
3	64QAM	8	7	24.23	0.265	24.23	0.265	24.27	0.267
3	64QAM	15	0	24.26	0.267	24.25	0.266	24.30	0.269



LTE Band 4				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				19957		20175		20393	
Frequency (MHz)				1710.7		1732.5		1754.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	26.17	0.414	26.12	0.409	26.16	0.413
1.4	QPSK	1	3	26.09	0.406	26.10	0.407	26.09	0.406
1.4	QPSK	1	5	26.06	0.404	26.06	0.404	26.10	0.407
1.4	QPSK	3	0	25.86	0.385	25.93	0.392	25.97	0.395
1.4	QPSK	3	1	25.83	0.383	25.85	0.385	25.93	0.392
1.4	QPSK	3	3	25.79	0.379	25.85	0.385	25.87	0.386
1.4	QPSK	6	0	25.00	0.316	25.01	0.317	25.02	0.318
1.4	16QAM	1	0	25.12	0.325	25.19	0.330	25.16	0.328
1.4	16QAM	1	3	25.12	0.325	25.12	0.325	25.10	0.324
1.4	16QAM	1	5	25.04	0.319	25.06	0.321	25.13	0.326
1.4	16QAM	3	0	24.97	0.314	25.00	0.316	25.05	0.320
1.4	16QAM	3	1	24.87	0.307	24.89	0.308	24.99	0.316
1.4	16QAM	3	3	24.91	0.310	24.78	0.301	24.88	0.308
1.4	16QAM	6	0	24.17	0.261	24.11	0.258	24.22	0.264
1.4	64QAM	1	0	25.30	0.339	25.21	0.332	25.31	0.340
1.4	64QAM	1	3	25.17	0.329	25.22	0.333	25.27	0.337
1.4	64QAM	1	5	25.20	0.331	25.21	0.332	25.27	0.337
1.4	64QAM	3	0	24.97	0.314	24.98	0.315	25.04	0.319
1.4	64QAM	3	1	25.03	0.318	24.99	0.316	25.10	0.324
1.4	64QAM	3	3	25.08	0.322	25.00	0.316	25.03	0.318
1.4	64QAM	6	0	24.21	0.264	24.26	0.267	24.28	0.268



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	21.99	0.158	22.01	0.159	21.97	0.157
10	QPSK	1	25	21.91	0.155	21.98	0.158	21.88	0.154
10	QPSK	1	49	21.92	0.156	21.96	0.157	21.86	0.153
10	QPSK	25	0	20.97	0.125	20.99	0.126	20.93	0.124
10	QPSK	25	12	20.95	0.124	20.98	0.125	20.91	0.123
10	QPSK	25	25	20.91	0.123	20.98	0.125	20.93	0.124
10	QPSK	50	0	20.85	0.122	20.93	0.124	20.84	0.121
10	16QAM	1	0	21.12	0.129	21.16	0.131	21.07	0.128
10	16QAM	1	25	21.03	0.127	21.12	0.129	21.08	0.128
10	16QAM	1	49	21.12	0.129	21.14	0.130	21.05	0.127
10	16QAM	25	0	20.11	0.103	20.17	0.104	20.12	0.103
10	16QAM	25	12	20.08	0.102	20.16	0.104	20.07	0.102
10	16QAM	25	25	20.08	0.102	20.12	0.103	20.04	0.101
10	16QAM	50	0	20.01	0.100	20.11	0.103	20.10	0.102
10	64QAM	1	0	20.93	0.124	20.99	0.126	20.93	0.124
10	64QAM	1	25	20.90	0.123	20.97	0.125	20.95	0.124
10	64QAM	1	49	20.93	0.124	20.98	0.125	20.90	0.123
10	64QAM	25	0	19.95	0.099	20.03	0.101	19.98	0.100
10	64QAM	25	12	20.01	0.100	20.02	0.100	20.00	0.100
10	64QAM	25	25	19.89	0.097	19.99	0.100	19.92	0.098
10	64QAM	50	0	19.99	0.100	20.01	0.100	19.99	0.100



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	21.92	0.156	21.94	0.156	21.89	0.155
5	QPSK	1	12	21.84	0.153	21.88	0.154	21.84	0.153
5	QPSK	1	24	21.88	0.154	21.88	0.154	21.80	0.151
5	QPSK	12	0	20.90	0.123	20.90	0.123	20.85	0.122
5	QPSK	12	7	20.92	0.124	20.88	0.122	20.84	0.121
5	QPSK	12	13	20.86	0.122	20.97	0.125	20.85	0.122
5	QPSK	25	0	20.80	0.120	20.89	0.123	20.78	0.120
5	16QAM	1	0	21.04	0.127	21.11	0.129	20.99	0.126
5	16QAM	1	12	20.96	0.125	21.02	0.126	21.02	0.126
5	16QAM	1	24	21.04	0.127	21.12	0.129	20.98	0.125
5	16QAM	12	0	20.06	0.101	20.11	0.103	20.11	0.103
5	16QAM	12	7	20.00	0.100	20.06	0.101	20.03	0.101
5	16QAM	12	13	20.05	0.101	20.08	0.102	19.95	0.099
5	16QAM	25	0	19.97	0.099	20.03	0.101	20.02	0.100
5	64QAM	1	0	20.86	0.122	20.90	0.123	20.88	0.122
5	64QAM	1	12	20.82	0.121	20.91	0.123	20.86	0.122
5	64QAM	1	24	20.85	0.122	20.89	0.123	20.83	0.121
5	64QAM	12	0	19.87	0.097	20.00	0.100	19.97	0.099
5	64QAM	12	7	19.91	0.098	20.00	0.100	19.91	0.098
5	64QAM	12	13	19.87	0.097	19.90	0.098	19.91	0.098
5	64QAM	25	0	19.96	0.099	20.00	0.100	19.96	0.099



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	21.95	0.157	21.98	0.158	21.96	0.157
3	QPSK	1	8	21.89	0.155	21.92	0.156	21.83	0.152
3	QPSK	1	14	21.88	0.154	21.91	0.155	21.80	0.151
3	QPSK	8	0	20.95	0.124	20.94	0.124	20.88	0.122
3	QPSK	8	4	20.90	0.123	20.91	0.123	20.90	0.123
3	QPSK	8	7	20.89	0.123	20.93	0.124	20.90	0.123
3	QPSK	15	0	20.79	0.120	20.88	0.122	20.77	0.119
3	16QAM	1	0	21.11	0.129	21.06	0.128	21.05	0.127
3	16QAM	1	8	21.01	0.126	21.10	0.129	20.99	0.126
3	16QAM	1	14	21.07	0.128	21.10	0.129	20.96	0.125
3	16QAM	8	0	20.06	0.101	20.14	0.103	20.11	0.103
3	16QAM	8	4	20.00	0.100	20.13	0.103	20.05	0.101
3	16QAM	8	7	20.06	0.101	20.10	0.102	19.94	0.099
3	16QAM	15	0	19.94	0.099	20.03	0.101	20.08	0.102
3	64QAM	1	0	20.86	0.122	20.91	0.123	20.85	0.122
3	64QAM	1	8	20.87	0.122	20.94	0.124	20.94	0.124
3	64QAM	1	14	20.90	0.123	20.88	0.122	20.83	0.121
3	64QAM	8	0	19.91	0.098	20.02	0.100	19.95	0.099
3	64QAM	8	4	19.91	0.098	20.01	0.100	19.90	0.098
3	64QAM	8	7	19.85	0.097	19.97	0.099	19.88	0.097
3	64QAM	15	0	19.90	0.098	19.94	0.099	19.94	0.099



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	21.92	0.156	21.98	0.158	21.95	0.157
1.4	QPSK	1	3	21.83	0.152	21.89	0.155	21.82	0.152
1.4	QPSK	1	5	21.84	0.153	21.91	0.155	21.76	0.150
1.4	QPSK	3	0	21.75	0.150	21.73	0.149	21.65	0.146
1.4	QPSK	3	1	21.71	0.148	21.69	0.148	21.67	0.147
1.4	QPSK	3	3	21.68	0.147	21.75	0.150	21.65	0.146
1.4	QPSK	6	0	20.79	0.120	20.89	0.123	20.83	0.121
1.4	16QAM	1	0	21.10	0.129	21.07	0.128	21.00	0.126
1.4	16QAM	1	3	20.93	0.124	21.03	0.127	20.98	0.125
1.4	16QAM	1	5	21.08	0.128	21.09	0.129	20.99	0.126
1.4	16QAM	3	0	20.87	0.122	20.89	0.123	20.87	0.122
1.4	16QAM	3	1	20.80	0.120	20.88	0.122	20.85	0.122
1.4	16QAM	3	3	20.86	0.122	20.91	0.123	20.74	0.119
1.4	16QAM	6	0	19.92	0.098	20.03	0.101	20.03	0.101
1.4	64QAM	1	0	20.84	0.121	20.97	0.125	20.89	0.123
1.4	64QAM	1	3	20.89	0.123	20.87	0.122	20.85	0.122
1.4	64QAM	1	5	20.90	0.123	20.91	0.123	20.89	0.123
1.4	64QAM	3	0	20.71	0.118	20.76	0.119	20.72	0.118
1.4	64QAM	3	1	20.75	0.119	20.78	0.120	20.73	0.118
1.4	64QAM	3	3	20.64	0.116	20.72	0.118	20.62	0.115
1.4	64QAM	6	0	19.90	0.098	19.98	0.100	19.96	0.099



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	21.15	0.130	21.18	0.131	21.13	0.130
10	QPSK	1	25	21.11	0.129	21.17	0.131	21.14	0.130
10	QPSK	1	49	21.06	0.128	21.14	0.130	21.04	0.127
10	QPSK	25	0	20.17	0.104	20.22	0.105	20.16	0.104
10	QPSK	25	12	20.14	0.103	20.20	0.105	20.11	0.103
10	QPSK	25	25	20.13	0.103	20.18	0.104	20.12	0.103
10	QPSK	50	0	20.15	0.104	20.17	0.104	20.10	0.102
10	16QAM	1	0	20.10	0.102	20.19	0.104	20.14	0.103
10	16QAM	1	25	20.11	0.103	20.14	0.103	20.07	0.102
10	16QAM	1	49	20.02	0.100	20.12	0.103	20.02	0.100
10	16QAM	25	0	19.25	0.084	19.27	0.085	19.18	0.083
10	16QAM	25	12	19.23	0.084	19.25	0.084	19.18	0.083
10	16QAM	25	25	19.19	0.083	19.24	0.084	19.21	0.083
10	16QAM	50	0	19.19	0.083	19.28	0.085	19.18	0.083
10	64QAM	1	0	20.03	0.101	20.11	0.103	20.05	0.101
10	64QAM	1	25	20.05	0.101	20.09	0.102	20.06	0.101
10	64QAM	1	49	20.02	0.100	20.10	0.102	20.02	0.100
10	64QAM	25	0	19.08	0.081	19.15	0.082	19.14	0.082
10	64QAM	25	12	19.13	0.082	19.14	0.082	19.12	0.082
10	64QAM	25	25	19.02	0.080	19.12	0.082	19.06	0.081
10	64QAM	50	0	19.07	0.081	19.16	0.082	19.13	0.082



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	21.06	0.128	21.13	0.130	21.06	0.128
5	QPSK	1	12	21.03	0.127	21.13	0.130	21.04	0.127
5	QPSK	1	24	21.03	0.127	21.04	0.127	21.03	0.127
5	QPSK	12	0	20.07	0.102	20.20	0.105	20.07	0.102
5	QPSK	12	7	20.05	0.101	20.18	0.104	20.05	0.101
5	QPSK	12	13	20.12	0.103	20.10	0.102	20.05	0.101
5	QPSK	25	0	20.12	0.103	20.14	0.103	20.03	0.101
5	16QAM	1	0	20.05	0.101	20.09	0.102	20.09	0.102
5	16QAM	1	12	20.10	0.102	20.10	0.102	20.05	0.101
5	16QAM	1	24	19.96	0.099	20.04	0.101	20.01	0.100
5	16QAM	12	0	19.19	0.083	19.23	0.084	19.16	0.082
5	16QAM	12	7	19.18	0.083	19.16	0.082	19.15	0.082
5	16QAM	12	13	19.09	0.081	19.17	0.083	19.11	0.081
5	16QAM	25	0	19.11	0.081	19.19	0.083	19.12	0.082
5	64QAM	1	0	19.99	0.100	20.01	0.100	20.02	0.100
5	64QAM	1	12	19.98	0.100	20.08	0.102	19.99	0.100
5	64QAM	1	24	19.94	0.099	20.05	0.101	19.98	0.100
5	64QAM	12	0	19.01	0.080	19.14	0.082	19.10	0.081
5	64QAM	12	7	19.12	0.082	19.09	0.081	19.04	0.080
5	64QAM	12	13	18.97	0.079	19.07	0.081	18.97	0.079
5	64QAM	25	0	19.02	0.080	19.13	0.082	19.09	0.081



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	21.06	0.128	21.09	0.129	21.08	0.128
3	QPSK	1	8	21.10	0.129	21.10	0.129	21.05	0.127
3	QPSK	1	14	20.96	0.125	21.13	0.130	20.98	0.125
3	QPSK	8	0	20.14	0.103	20.15	0.104	20.12	0.103
3	QPSK	8	4	20.11	0.103	20.12	0.103	20.09	0.102
3	QPSK	8	7	20.11	0.103	20.15	0.104	20.03	0.101
3	QPSK	15	0	20.06	0.101	20.12	0.103	20.06	0.101
3	16QAM	1	0	20.00	0.100	20.12	0.103	20.12	0.103
3	16QAM	1	8	20.01	0.100	20.05	0.101	20.06	0.101
3	16QAM	1	14	19.98	0.100	20.02	0.100	20.01	0.100
3	16QAM	8	0	19.19	0.083	19.19	0.083	19.14	0.082
3	16QAM	8	4	19.18	0.083	19.19	0.083	19.17	0.083
3	16QAM	8	7	19.12	0.082	19.21	0.083	19.16	0.082
3	16QAM	15	0	19.15	0.082	19.24	0.084	19.15	0.082
3	64QAM	1	0	19.94	0.099	20.05	0.101	20.03	0.101
3	64QAM	1	8	19.97	0.099	20.05	0.101	20.05	0.101
3	64QAM	1	14	19.97	0.099	20.04	0.101	20.00	0.100
3	64QAM	8	0	19.05	0.080	19.05	0.080	19.08	0.081
3	64QAM	8	4	19.12	0.082	19.10	0.081	19.04	0.080
3	64QAM	8	7	18.95	0.079	19.06	0.081	19.01	0.080
3	64QAM	15	0	19.03	0.080	19.11	0.081	19.10	0.081



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	21.13	0.130	21.10	0.129	21.05	0.127
1.4	QPSK	1	3	21.03	0.127	21.07	0.128	21.05	0.127
1.4	QPSK	1	5	21.02	0.126	21.06	0.128	20.97	0.125
1.4	QPSK	3	0	20.95	0.124	20.92	0.124	20.89	0.123
1.4	QPSK	3	1	20.89	0.123	20.99	0.126	20.90	0.123
1.4	QPSK	3	3	20.91	0.123	20.94	0.124	20.90	0.123
1.4	QPSK	6	0	20.11	0.103	20.12	0.103	20.04	0.101
1.4	16QAM	1	0	20.04	0.101	20.17	0.104	20.12	0.103
1.4	16QAM	1	3	20.02	0.100	20.10	0.102	20.04	0.101
1.4	16QAM	1	5	19.92	0.098	20.07	0.102	19.93	0.098
1.4	16QAM	3	0	19.97	0.099	20.06	0.101	19.89	0.097
1.4	16QAM	3	1	20.00	0.100	19.97	0.099	19.92	0.098
1.4	16QAM	3	3	19.93	0.098	20.03	0.101	19.97	0.099
1.4	16QAM	6	0	19.16	0.082	19.20	0.083	19.16	0.082
1.4	64QAM	1	0	20.02	0.100	20.05	0.101	20.02	0.100
1.4	64QAM	1	3	19.99	0.100	19.99	0.100	20.04	0.101
1.4	64QAM	1	5	19.95	0.099	20.04	0.101	19.94	0.099
1.4	64QAM	3	0	19.86	0.097	19.88	0.097	19.90	0.098
1.4	64QAM	3	1	19.87	0.097	19.85	0.097	19.85	0.097
1.4	64QAM	3	3	19.76	0.095	19.85	0.097	19.82	0.096
1.4	64QAM	6	0	18.97	0.079	19.14	0.082	19.03	0.080



LTE Band 17				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				23780		23790		23800	
Frequency (MHz)				709		710		711	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	21.04	0.127	21.10	0.129	21.08	0.128
10	QPSK	1	25	21.02	0.126	21.09	0.129	21.05	0.127
10	QPSK	1	49	21.00	0.126	21.07	0.128	21.01	0.126
10	QPSK	25	0	20.10	0.102	20.14	0.103	20.08	0.102
10	QPSK	25	12	20.05	0.101	20.12	0.103	20.07	0.102
10	QPSK	25	25	20.03	0.101	20.11	0.103	20.01	0.100
10	QPSK	50	0	20.06	0.101	20.11	0.103	20.04	0.101
10	16QAM	1	0	20.15	0.104	20.17	0.104	20.16	0.104
10	16QAM	1	25	20.04	0.101	20.13	0.103	20.11	0.103
10	16QAM	1	49	20.09	0.102	20.15	0.104	20.07	0.102
10	16QAM	25	0	19.23	0.084	19.25	0.084	19.20	0.083
10	16QAM	25	12	19.12	0.082	19.21	0.083	19.20	0.083
10	16QAM	25	25	19.13	0.082	19.22	0.084	19.16	0.082
10	16QAM	50	0	19.19	0.083	19.24	0.084	19.17	0.083
10	64QAM	1	0	20.11	0.103	20.14	0.103	20.09	0.102
10	64QAM	1	25	20.06	0.101	20.10	0.102	20.00	0.100
10	64QAM	1	49	20.02	0.100	20.08	0.102	20.00	0.100
10	64QAM	25	0	19.26	0.084	19.27	0.085	19.21	0.083
10	64QAM	25	12	19.20	0.083	19.24	0.084	19.21	0.083
10	64QAM	25	25	19.13	0.082	19.22	0.084	19.13	0.082
10	64QAM	50	0	19.20	0.083	19.21	0.083	19.20	0.083



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	21.03	0.127	21.08	0.128	21.02	0.126
5	QPSK	1	12	20.99	0.126	21.07	0.128	21.02	0.126
5	QPSK	1	24	20.97	0.125	21.04	0.127	21.00	0.126
5	QPSK	12	0	20.08	0.102	20.13	0.103	20.03	0.101
5	QPSK	12	7	19.99	0.100	20.06	0.101	20.05	0.101
5	QPSK	12	13	20.01	0.100	20.06	0.101	19.97	0.099
5	QPSK	25	0	19.98	0.100	20.01	0.100	19.99	0.100
5	16QAM	1	0	20.11	0.103	20.15	0.104	20.06	0.101
5	16QAM	1	12	19.94	0.099	20.05	0.101	20.07	0.102
5	16QAM	1	24	20.04	0.101	20.12	0.103	20.05	0.101
5	16QAM	12	0	19.20	0.083	19.24	0.084	19.11	0.081
5	16QAM	12	7	19.06	0.081	19.19	0.083	19.11	0.081
5	16QAM	12	13	19.10	0.081	19.21	0.083	19.09	0.081
5	16QAM	25	0	19.13	0.082	19.17	0.083	19.08	0.081
5	64QAM	1	0	20.10	0.102	20.10	0.102	19.99	0.100
5	64QAM	1	12	19.98	0.100	20.03	0.101	19.91	0.098
5	64QAM	1	24	19.98	0.100	20.01	0.100	19.99	0.100
5	64QAM	12	0	19.16	0.082	19.18	0.083	19.20	0.083
5	64QAM	12	7	19.17	0.083	19.22	0.084	19.14	0.082
5	64QAM	12	13	19.11	0.081	19.14	0.082	19.09	0.081
5	64QAM	25	0	19.13	0.082	19.14	0.082	19.15	0.082



LTE Band 25				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26140		26365		26590	
Frequency (MHz)				1860		1882.5		1905	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	26.95	0.495	26.91	0.491	26.88	0.488
20	QPSK	1	49	26.89	0.489	26.83	0.482	26.82	0.481
20	QPSK	1	99	26.86	0.485	26.77	0.475	26.78	0.476
20	QPSK	50	0	25.88	0.387	25.85	0.385	25.83	0.383
20	QPSK	50	24	25.85	0.385	25.77	0.378	25.82	0.382
20	QPSK	50	50	25.84	0.384	25.78	0.378	25.82	0.382
20	QPSK	100	0	25.86	0.385	25.80	0.380	25.79	0.379
20	16QAM	1	0	26.43	0.440	26.35	0.432	26.37	0.434
20	16QAM	1	49	26.36	0.433	26.29	0.426	26.35	0.432
20	16QAM	1	99	26.37	0.434	26.34	0.431	26.36	0.433
20	16QAM	50	0	24.98	0.315	24.88	0.308	24.88	0.308
20	16QAM	50	24	24.94	0.312	24.89	0.308	24.89	0.308
20	16QAM	50	50	24.92	0.310	24.85	0.305	24.83	0.304
20	16QAM	100	0	24.96	0.313	24.89	0.308	24.88	0.308
20	64QAM	1	0	25.94	0.393	25.91	0.390	25.86	0.385
20	64QAM	1	49	25.92	0.391	25.91	0.390	25.89	0.388
20	64QAM	1	99	25.91	0.390	25.86	0.385	25.88	0.387
20	64QAM	50	0	25.04	0.319	24.94	0.312	25.01	0.317
20	64QAM	50	24	25.00	0.316	24.93	0.311	24.94	0.312
20	64QAM	50	50	24.99	0.316	24.98	0.315	24.89	0.308
20	64QAM	100	0	25.02	0.318	24.92	0.310	25.00	0.316



LTE Band 25				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26115		26365		26615	
Frequency (MHz)				1857.5		1882.5		1907.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	26.94	0.494	26.81	0.480	26.83	0.482
15	QPSK	1	37	26.83	0.482	26.74	0.472	26.78	0.476
15	QPSK	1	74	26.84	0.483	26.73	0.471	26.69	0.467
15	QPSK	36	0	25.78	0.378	25.72	0.373	25.74	0.375
15	QPSK	36	20	25.78	0.378	25.69	0.371	25.72	0.373
15	QPSK	36	39	25.81	0.381	25.76	0.377	25.81	0.381
15	QPSK	75	0	25.83	0.383	25.71	0.372	25.72	0.373
15	16QAM	1	0	26.42	0.439	26.30	0.427	26.28	0.425
15	16QAM	1	37	26.29	0.426	26.20	0.417	26.29	0.426
15	16QAM	1	74	26.33	0.430	26.29	0.426	26.32	0.429
15	16QAM	36	0	24.93	0.311	24.82	0.303	24.82	0.303
15	16QAM	36	20	24.91	0.310	24.86	0.306	24.88	0.308
15	16QAM	36	39	24.82	0.303	24.75	0.299	24.73	0.297
15	16QAM	75	0	24.93	0.311	24.88	0.308	24.80	0.302
15	64QAM	1	0	25.87	0.386	25.82	0.382	25.81	0.381
15	64QAM	1	37	25.86	0.385	25.90	0.389	25.79	0.379
15	64QAM	1	74	25.90	0.389	25.78	0.378	25.85	0.385
15	64QAM	36	0	25.03	0.318	24.84	0.305	24.93	0.311
15	64QAM	36	20	24.97	0.314	24.89	0.308	24.86	0.306
15	64QAM	36	39	24.96	0.313	24.92	0.310	24.82	0.303
15	64QAM	75	0	25.01	0.317	24.83	0.304	24.95	0.313



LTE Band 25				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26090		26365		26640	
Frequency (MHz)				1855		1882.5		1910	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	26.94	0.494	26.90	0.490	26.84	0.483
10	QPSK	1	25	26.79	0.478	26.80	0.479	26.78	0.476
10	QPSK	1	49	26.85	0.484	26.74	0.472	26.73	0.471
10	QPSK	25	0	25.87	0.386	25.72	0.373	25.72	0.373
10	QPSK	25	12	25.81	0.381	25.75	0.376	25.72	0.373
10	QPSK	25	25	25.80	0.380	25.70	0.372	25.74	0.375
10	QPSK	50	0	25.83	0.383	25.79	0.379	25.77	0.378
10	16QAM	1	0	26.37	0.434	26.32	0.429	26.30	0.427
10	16QAM	1	25	26.35	0.432	26.25	0.422	26.33	0.430
10	16QAM	1	49	26.29	0.426	26.29	0.426	26.35	0.432
10	16QAM	25	0	24.95	0.313	24.79	0.301	24.86	0.306
10	16QAM	25	12	24.86	0.306	24.87	0.307	24.84	0.305
10	16QAM	25	25	24.86	0.306	24.81	0.303	24.78	0.301
10	16QAM	50	0	24.92	0.310	24.79	0.301	24.84	0.305
10	64QAM	1	0	25.92	0.391	25.83	0.383	25.78	0.378
10	64QAM	1	25	25.84	0.384	25.86	0.385	25.87	0.386
10	64QAM	1	49	25.82	0.382	25.83	0.383	25.81	0.381
10	64QAM	25	0	24.95	0.313	24.93	0.311	24.94	0.312
10	64QAM	25	12	24.92	0.310	24.86	0.306	24.91	0.310
10	64QAM	25	25	24.93	0.311	24.92	0.310	24.85	0.305
10	64QAM	50	0	24.93	0.311	24.85	0.305	24.93	0.311



LTE Band 25				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26065		26365		26665	
Frequency (MHz)				1852.5		1882.5		1912.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	26.86	0.485	26.89	0.489	26.86	0.485
5	QPSK	1	12	26.80	0.479	26.77	0.475	26.72	0.470
5	QPSK	1	24	26.79	0.478	26.67	0.465	26.71	0.469
5	QPSK	12	0	25.81	0.381	25.76	0.377	25.79	0.379
5	QPSK	12	7	25.79	0.379	25.67	0.369	25.76	0.377
5	QPSK	12	13	25.79	0.379	25.77	0.378	25.80	0.380
5	QPSK	25	0	25.85	0.385	25.74	0.375	25.70	0.372
5	16QAM	1	0	26.35	0.432	26.31	0.428	26.30	0.427
5	16QAM	1	12	26.35	0.432	26.21	0.418	26.33	0.430
5	16QAM	1	24	26.28	0.425	26.33	0.430	26.32	0.429
5	16QAM	12	0	24.88	0.308	24.78	0.301	24.84	0.305
5	16QAM	12	7	24.88	0.308	24.88	0.308	24.80	0.302
5	16QAM	12	13	24.90	0.309	24.75	0.299	24.75	0.299
5	16QAM	25	0	24.90	0.309	24.82	0.303	24.86	0.306
5	64QAM	1	0	25.90	0.389	25.82	0.382	25.85	0.385
5	64QAM	1	12	25.91	0.390	25.81	0.381	25.82	0.382
5	64QAM	1	24	25.82	0.382	25.84	0.384	25.78	0.378
5	64QAM	12	0	25.03	0.318	24.93	0.311	24.99	0.316
5	64QAM	12	7	24.90	0.309	24.90	0.309	24.85	0.305
5	64QAM	12	13	24.91	0.310	24.89	0.308	24.86	0.306
5	64QAM	25	0	24.97	0.314	24.84	0.305	24.92	0.310



LTE Band 25				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26055		26365		26675	
Frequency (MHz)				1851.5		1882.5		1913.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	26.86	0.485	26.84	0.483	26.85	0.484
3	QPSK	1	8	26.80	0.479	26.77	0.475	26.74	0.472
3	QPSK	1	14	26.83	0.482	26.74	0.472	26.69	0.467
3	QPSK	8	0	25.82	0.382	25.78	0.378	25.79	0.379
3	QPSK	8	4	25.75	0.376	25.68	0.370	25.79	0.379
3	QPSK	8	7	25.81	0.381	25.74	0.375	25.75	0.376
3	QPSK	15	0	25.84	0.384	25.76	0.377	25.77	0.378
3	16QAM	1	0	26.41	0.438	26.28	0.425	26.33	0.430
3	16QAM	1	8	26.32	0.429	26.22	0.419	26.25	0.422
3	16QAM	1	14	26.30	0.427	26.31	0.428	26.31	0.428
3	16QAM	8	0	24.96	0.313	24.85	0.305	24.86	0.306
3	16QAM	8	4	24.89	0.308	24.82	0.303	24.84	0.305
3	16QAM	8	7	24.84	0.305	24.76	0.299	24.80	0.302
3	16QAM	15	0	24.91	0.310	24.79	0.301	24.86	0.306
3	64QAM	1	0	25.91	0.390	25.85	0.385	25.80	0.380
3	64QAM	1	8	25.83	0.383	25.90	0.389	25.87	0.386
3	64QAM	1	14	25.83	0.383	25.81	0.381	25.85	0.385
3	64QAM	8	0	24.98	0.315	24.88	0.308	24.99	0.316
3	64QAM	8	4	24.96	0.313	24.92	0.310	24.84	0.305
3	64QAM	8	7	24.94	0.312	24.97	0.314	24.83	0.304
3	64QAM	15	0	24.92	0.310	24.82	0.303	24.97	0.314



LTE Band 25				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26047		26365		26683	
Frequency (MHz)				1850.7		1882.5		1914.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	26.94	0.494	26.82	0.481	26.79	0.478
1.4	QPSK	1	3	26.82	0.481	26.78	0.476	26.77	0.475
1.4	QPSK	1	5	26.84	0.483	26.67	0.465	26.69	0.467
1.4	QPSK	3	0	26.64	0.461	26.59	0.456	26.57	0.454
1.4	QPSK	3	1	26.57	0.454	26.48	0.445	26.55	0.452
1.4	QPSK	3	3	26.58	0.455	26.51	0.448	26.57	0.454
1.4	QPSK	6	0	25.84	0.384	25.76	0.377	25.73	0.374
1.4	16QAM	1	0	26.34	0.431	26.34	0.431	26.29	0.426
1.4	16QAM	1	3	26.26	0.423	26.25	0.422	26.28	0.425
1.4	16QAM	1	5	26.28	0.425	26.33	0.430	26.32	0.429
1.4	16QAM	3	0	25.68	0.370	25.58	0.361	25.65	0.367
1.4	16QAM	3	1	25.72	0.373	25.61	0.364	25.65	0.367
1.4	16QAM	3	3	25.69	0.371	25.59	0.362	25.56	0.360
1.4	16QAM	6	0	24.88	0.308	24.79	0.301	24.81	0.303
1.4	64QAM	1	0	25.86	0.385	25.87	0.386	25.79	0.379
1.4	64QAM	1	3	25.82	0.382	25.85	0.385	25.80	0.380
1.4	64QAM	1	5	25.87	0.386	25.77	0.378	25.78	0.378
1.4	64QAM	3	0	25.80	0.380	25.66	0.368	25.77	0.378
1.4	64QAM	3	1	25.71	0.372	25.66	0.368	25.67	0.369
1.4	64QAM	3	3	25.73	0.374	25.69	0.371	25.64	0.366
1.4	64QAM	6	0	24.97	0.314	24.88	0.308	24.90	0.309



LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26865		26915		26965	
Frequency (MHz)				831.5		836.5		841.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	21.24	0.133	21.41	0.138	21.48	0.141
15	QPSK	1	37	21.49	0.141	21.22	0.132	21.60	0.145
15	QPSK	1	74	21.13	0.130	21.36	0.137	21.27	0.134
15	QPSK	36	0	21.00	0.126	20.84	0.121	20.66	0.116
15	QPSK	36	20	20.55	0.114	20.62	0.115	20.68	0.117
15	QPSK	36	39	20.90	0.123	21.05	0.127	21.01	0.126
15	QPSK	75	0	20.86	0.122	20.57	0.114	20.93	0.124
15	16QAM	1	0	19.70	0.093	20.88	0.122	21.13	0.130
15	16QAM	1	37	20.84	0.121	21.08	0.128	21.12	0.129
15	16QAM	1	74	20.64	0.116	21.28	0.134	19.99	0.100
15	16QAM	36	0	19.88	0.097	20.00	0.100	20.08	0.102
15	16QAM	36	20	20.00	0.100	19.50	0.089	20.09	0.102
15	16QAM	36	39	19.81	0.096	19.25	0.084	20.11	0.103
15	16QAM	75	0	19.87	0.097	19.55	0.090	19.87	0.097
15	64QAM	1	0	20.68	0.117	21.01	0.126	20.72	0.118
15	64QAM	1	37	20.39	0.109	20.59	0.115	20.50	0.112
15	64QAM	1	74	20.59	0.115	20.42	0.110	20.69	0.117
15	64QAM	36	0	19.71	0.094	20.07	0.102	20.77	0.119
15	64QAM	36	20	20.03	0.101	19.55	0.090	19.63	0.092
15	64QAM	36	39	19.87	0.097	19.73	0.094	20.26	0.106
15	64QAM	75	0	19.93	0.098	19.55	0.090	20.05	0.101



LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26840		26915		26990	
Frequency (MHz)				829.0		836.5		844.0	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	20.99	0.126	20.91	0.123	21.08	0.128
10	QPSK	1	25	21.15	0.130	21.37	0.137	21.68	0.147
10	QPSK	1	49	21.21	0.132	21.35	0.136	21.32	0.136
10	QPSK	25	0	20.91	0.123	20.75	0.119	20.93	0.124
10	QPSK	25	12	20.76	0.119	20.66	0.116	20.49	0.112
10	QPSK	25	25	20.91	0.123	20.74	0.119	20.49	0.112
10	QPSK	50	0	20.73	0.118	21.01	0.126	21.03	0.127
10	16QAM	1	0	20.84	0.121	20.83	0.121	20.72	0.118
10	16QAM	1	25	20.74	0.119	21.23	0.133	20.67	0.117
10	16QAM	1	49	20.93	0.124	21.06	0.128	20.89	0.123
10	16QAM	25	0	19.45	0.088	19.94	0.099	20.13	0.103
10	16QAM	25	12	19.85	0.097	19.97	0.099	20.34	0.108
10	16QAM	25	25	20.03	0.101	19.32	0.086	20.26	0.106
10	16QAM	50	0	19.71	0.094	19.48	0.089	20.16	0.104
10	64QAM	1	0	20.31	0.107	20.54	0.113	20.75	0.119
10	64QAM	1	25	20.83	0.121	20.57	0.114	20.72	0.118
10	64QAM	1	49	20.61	0.115	20.60	0.115	20.62	0.115
10	64QAM	25	0	19.82	0.096	20.07	0.102	19.85	0.097
10	64QAM	25	12	20.01	0.100	19.99	0.100	20.33	0.108
10	64QAM	25	25	19.92	0.098	19.68	0.093	20.07	0.102
10	64QAM	50	0	20.02	0.100	20.07	0.102	20.17	0.104



LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26815		26915		27015	
Frequency (MHz)				826.5		836.5		846.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	21.08	0.128	21.00	0.126	21.29	0.135
5	QPSK	1	12	21.07	0.128	21.97	0.157	20.90	0.123
5	QPSK	1	24	21.05	0.127	20.74	0.119	21.45	0.140
5	QPSK	12	0	20.33	0.108	20.95	0.124	20.85	0.122
5	QPSK	12	7	20.16	0.104	20.92	0.124	21.14	0.130
5	QPSK	12	13	20.63	0.116	20.71	0.118	21.04	0.127
5	QPSK	25	0	20.74	0.119	20.89	0.123	20.99	0.126
5	16QAM	1	0	20.53	0.113	20.65	0.116	20.73	0.118
5	16QAM	1	12	21.00	0.126	20.86	0.122	20.66	0.116
5	16QAM	1	24	20.59	0.115	20.52	0.113	20.28	0.107
5	16QAM	12	0	19.97	0.099	19.88	0.097	20.25	0.106
5	16QAM	12	7	19.92	0.098	18.57	0.072	20.18	0.104
5	16QAM	12	13	19.88	0.097	19.99	0.100	19.91	0.098
5	16QAM	25	0	19.91	0.098	19.80	0.095	20.09	0.102
5	64QAM	1	0	20.51	0.112	21.04	0.127	20.78	0.120
5	64QAM	1	12	20.56	0.114	20.72	0.118	20.71	0.118
5	64QAM	1	24	20.31	0.107	20.69	0.117	20.71	0.118
5	64QAM	12	0	19.99	0.100	19.74	0.094	20.03	0.101
5	64QAM	12	7	19.49	0.089	19.59	0.091	20.13	0.103
5	64QAM	12	13	19.07	0.081	20.22	0.105	20.12	0.103
5	64QAM	25	0	19.85	0.097	20.23	0.105	20.30	0.107



LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26805		26915		27025	
Frequency (MHz)				825.5		836.5		847.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	21.00	0.126	20.90	0.123	21.05	0.127
3	QPSK	1	8	21.62	0.145	21.00	0.126	21.55	0.143
3	QPSK	1	14	21.26	0.134	21.02	0.126	20.56	0.114
3	QPSK	8	0	20.87	0.122	20.84	0.121	20.97	0.125
3	QPSK	8	4	20.74	0.119	20.52	0.113	21.09	0.129
3	QPSK	8	7	20.75	0.119	20.77	0.119	20.67	0.117
3	QPSK	15	0	20.75	0.119	20.44	0.111	20.74	0.119
3	16QAM	1	0	20.49	0.112	20.89	0.123	20.85	0.122
3	16QAM	1	8	19.17	0.083	20.87	0.122	20.49	0.112
3	16QAM	1	14	20.66	0.116	20.83	0.121	21.06	0.128
3	16QAM	8	0	20.09	0.102	19.66	0.092	20.18	0.104
3	16QAM	8	4	19.60	0.091	19.84	0.096	20.20	0.105
3	16QAM	8	7	19.96	0.099	19.50	0.089	20.03	0.101
3	16QAM	15	0	20.07	0.102	20.15	0.104	20.01	0.100
3	64QAM	1	0	20.33	0.108	20.19	0.104	20.83	0.121
3	64QAM	1	8	19.70	0.093	20.00	0.100	20.94	0.124
3	64QAM	1	14	20.72	0.118	20.11	0.103	20.62	0.115
3	64QAM	8	0	19.82	0.096	20.08	0.102	19.90	0.098
3	64QAM	8	4	19.86	0.097	19.81	0.096	20.12	0.103
3	64QAM	8	7	19.58	0.091	19.71	0.094	20.19	0.104
3	64QAM	15	0	19.73	0.094	19.56	0.090	20.12	0.103



LTE Band 26				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				26797		26915		27033	
Frequency (MHz)				824.7		836.5		848.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	21.43	0.139	21.47	0.140	21.59	0.144
1.4	QPSK	1	3	21.23	0.133	21.46	0.140	21.54	0.143
1.4	QPSK	1	5	21.29	0.135	21.38	0.137	21.05	0.127
1.4	QPSK	3	0	21.14	0.130	21.29	0.135	21.02	0.126
1.4	QPSK	3	1	21.20	0.132	21.14	0.130	21.38	0.137
1.4	QPSK	3	3	21.15	0.130	21.21	0.132	21.07	0.128
1.4	QPSK	6	0	20.49	0.112	21.00	0.126	20.63	0.116
1.4	16QAM	1	0	20.79	0.120	20.85	0.122	21.17	0.131
1.4	16QAM	1	3	20.81	0.121	20.81	0.121	20.66	0.116
1.4	16QAM	1	5	20.82	0.121	20.58	0.114	21.42	0.139
1.4	16QAM	3	0	21.10	0.129	21.07	0.128	21.01	0.126
1.4	16QAM	3	1	21.06	0.128	20.91	0.123	21.24	0.133
1.4	16QAM	3	3	21.07	0.128	21.00	0.126	21.21	0.132
1.4	16QAM	6	0	19.69	0.093	19.30	0.085	19.93	0.098
1.4	64QAM	1	0	20.60	0.115	20.65	0.116	20.81	0.121
1.4	64QAM	1	3	19.81	0.096	20.64	0.116	19.99	0.100
1.4	64QAM	1	5	20.39	0.109	20.65	0.116	20.56	0.114
1.4	64QAM	3	0	20.51	0.112	20.33	0.108	21.03	0.127
1.4	64QAM	3	1	21.00	0.126	20.40	0.110	21.35	0.136
1.4	64QAM	3	3	21.01	0.126	20.64	0.116	20.46	0.111
1.4	64QAM	6	0	20.05	0.101	19.46	0.088	19.84	0.096



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				132072		132322		132572	
Frequency (MHz)				1720		1745		1770	
				dBm	W	dBm	W	dBm	W
20	QPSK	1	0	26.17	0.414	26.19	0.416	26.24	0.421
20	QPSK	1	49	26.14	0.411	26.12	0.409	26.22	0.419
20	QPSK	1	99	26.15	0.412	26.17	0.414	26.20	0.417
20	QPSK	50	0	25.14	0.327	25.19	0.330	25.22	0.333
20	QPSK	50	24	25.15	0.327	25.10	0.324	25.19	0.330
20	QPSK	50	50	25.11	0.324	25.08	0.322	25.16	0.328
20	QPSK	100	0	25.07	0.321	25.11	0.324	25.14	0.327
20	16QAM	1	0	25.20	0.331	25.18	0.330	25.24	0.334
20	16QAM	1	49	25.16	0.328	25.17	0.329	25.23	0.333
20	16QAM	1	99	25.11	0.324	25.14	0.327	25.20	0.331
20	16QAM	50	0	24.15	0.260	24.13	0.259	24.20	0.263
20	16QAM	50	24	24.16	0.261	24.16	0.261	24.19	0.262
20	16QAM	50	50	24.08	0.256	24.07	0.255	24.17	0.261
20	16QAM	100	0	24.13	0.259	24.08	0.256	24.18	0.262
20	64QAM	1	0	25.27	0.337	25.24	0.334	25.33	0.341
20	64QAM	1	49	25.24	0.334	25.28	0.337	25.31	0.340
20	64QAM	1	99	25.26	0.336	25.28	0.337	25.29	0.338
20	64QAM	50	0	24.22	0.264	24.22	0.264	24.25	0.266
20	64QAM	50	24	24.19	0.262	24.20	0.263	24.24	0.265
20	64QAM	50	50	24.13	0.259	24.14	0.259	24.22	0.264
20	64QAM	100	0	24.15	0.260	24.12	0.258	24.20	0.263



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				132047		132322		132597	
Frequency (MHz)				1717.5		1745		1772.5	
				dBm	W	dBm	W	dBm	W
15	QPSK	1	0	26.09	0.406	26.15	0.412	26.23	0.420
15	QPSK	1	37	26.13	0.410	26.11	0.408	26.17	0.414
15	QPSK	1	74	26.07	0.405	26.15	0.412	26.17	0.414
15	QPSK	36	0	25.08	0.322	25.11	0.324	25.12	0.325
15	QPSK	36	20	25.12	0.325	25.06	0.321	25.17	0.329
15	QPSK	36	39	25.03	0.318	25.02	0.318	25.10	0.324
15	QPSK	75	0	25.06	0.321	25.05	0.320	25.12	0.325
15	16QAM	1	0	25.19	0.330	25.15	0.327	25.16	0.328
15	16QAM	1	37	25.15	0.327	25.08	0.322	25.20	0.331
15	16QAM	1	74	25.10	0.324	25.13	0.326	25.15	0.327
15	16QAM	36	0	24.14	0.259	24.06	0.255	24.11	0.258
15	16QAM	36	20	24.12	0.258	24.15	0.260	24.14	0.259
15	16QAM	36	39	24.01	0.252	24.01	0.252	24.16	0.261
15	16QAM	75	0	24.03	0.253	24.01	0.252	24.16	0.261
15	64QAM	1	0	25.20	0.331	25.18	0.330	25.29	0.338
15	64QAM	1	37	25.21	0.332	25.22	0.333	25.30	0.339
15	64QAM	1	74	25.18	0.330	25.24	0.334	25.19	0.330
15	64QAM	36	0	24.19	0.262	24.18	0.262	24.22	0.264
15	64QAM	36	20	24.17	0.261	24.16	0.261	24.21	0.264
15	64QAM	36	39	24.05	0.254	24.06	0.255	24.13	0.259
15	64QAM	75	0	24.09	0.256	24.04	0.254	24.14	0.259



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				132022		132322		132622	
Frequency (MHz)				1715		1745		1775	
				dBm	W	dBm	W	dBm	W
10	QPSK	1	0	26.07	0.405	26.14	0.411	26.22	0.419
10	QPSK	1	25	26.08	0.406	26.02	0.400	26.17	0.414
10	QPSK	1	49	26.14	0.411	26.08	0.406	26.18	0.415
10	QPSK	25	0	25.13	0.326	25.12	0.325	25.13	0.326
10	QPSK	25	12	25.06	0.321	25.07	0.321	25.12	0.325
10	QPSK	25	25	25.01	0.317	25.00	0.316	25.15	0.327
10	QPSK	50	0	24.98	0.315	25.01	0.317	25.06	0.321
10	16QAM	1	0	25.12	0.325	25.14	0.327	25.15	0.327
10	16QAM	1	25	25.11	0.324	25.08	0.322	25.18	0.330
10	16QAM	1	49	25.07	0.321	25.07	0.321	25.10	0.324
10	16QAM	25	0	24.10	0.257	24.04	0.254	24.19	0.262
10	16QAM	25	12	24.08	0.256	24.14	0.259	24.09	0.256
10	16QAM	25	25	24.06	0.255	24.04	0.254	24.14	0.259
10	16QAM	50	0	24.07	0.255	24.07	0.255	24.13	0.259
10	64QAM	1	0	25.21	0.332	25.22	0.333	25.31	0.340
10	64QAM	1	25	25.17	0.329	25.23	0.333	25.28	0.337
10	64QAM	1	49	25.25	0.335	25.24	0.334	25.26	0.336
10	64QAM	25	0	24.16	0.261	24.21	0.264	24.17	0.261
10	64QAM	25	12	24.14	0.259	24.11	0.258	24.23	0.265
10	64QAM	25	25	24.09	0.256	24.12	0.258	24.18	0.262
10	64QAM	50	0	24.13	0.259	24.04	0.254	24.15	0.260



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				131997		132322		132647	
Frequency (MHz)				1712.5		1745		1777.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	26.11	0.408	26.17	0.414	26.15	0.412
5	QPSK	1	12	26.08	0.406	26.03	0.401	26.12	0.409
5	QPSK	1	24	26.07	0.405	26.14	0.411	26.15	0.412
5	QPSK	12	0	25.09	0.323	25.18	0.330	25.14	0.327
5	QPSK	12	7	25.05	0.320	25.07	0.321	25.13	0.326
5	QPSK	12	13	25.10	0.324	25.00	0.316	25.13	0.326
5	QPSK	25	0	24.97	0.314	25.07	0.321	25.05	0.320
5	16QAM	1	0	25.19	0.330	25.15	0.327	25.23	0.333
5	16QAM	1	12	25.06	0.321	25.10	0.324	25.14	0.327
5	16QAM	1	24	25.02	0.318	25.06	0.321	25.15	0.327
5	16QAM	12	0	24.08	0.256	24.07	0.255	24.14	0.259
5	16QAM	12	7	24.12	0.258	24.12	0.258	24.16	0.261
5	16QAM	12	13	24.07	0.255	23.97	0.249	24.15	0.260
5	16QAM	25	0	24.11	0.258	24.07	0.255	24.15	0.260
5	64QAM	1	0	25.22	0.333	25.14	0.327	25.30	0.339
5	64QAM	1	12	25.14	0.327	25.26	0.336	25.25	0.335
5	64QAM	1	24	25.24	0.334	25.20	0.331	25.27	0.337
5	64QAM	12	0	24.21	0.264	24.16	0.261	24.18	0.262
5	64QAM	12	7	24.15	0.260	24.14	0.259	24.16	0.261
5	64QAM	12	13	24.03	0.253	24.05	0.254	24.16	0.261
5	64QAM	25	0	24.14	0.259	24.02	0.252	24.19	0.262



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				131987		132322		132657	
Frequency (MHz)				1711.5		1745		1778.5	
				dBm	W	dBm	W	dBm	W
3	QPSK	1	0	26.10	0.407	26.11	0.408	26.21	0.418
3	QPSK	1	8	26.11	0.408	26.04	0.402	26.17	0.414
3	QPSK	1	14	26.11	0.408	26.12	0.409	26.19	0.416
3	QPSK	8	0	25.08	0.322	25.11	0.324	25.17	0.329
3	QPSK	8	4	25.08	0.322	25.06	0.321	25.09	0.323
3	QPSK	8	7	25.06	0.321	25.05	0.320	25.06	0.321
3	QPSK	15	0	25.01	0.317	25.06	0.321	25.07	0.321
3	16QAM	1	0	25.14	0.327	25.08	0.322	25.15	0.327
3	16QAM	1	8	25.09	0.323	25.11	0.324	25.22	0.333
3	16QAM	1	14	25.07	0.321	25.04	0.319	25.17	0.329
3	16QAM	8	0	24.06	0.255	24.08	0.256	24.13	0.259
3	16QAM	8	4	24.10	0.257	24.11	0.258	24.11	0.258
3	16QAM	8	7	24.07	0.255	23.97	0.249	24.09	0.256
3	16QAM	15	0	24.10	0.257	24.04	0.254	24.16	0.261
3	64QAM	1	0	25.20	0.331	25.19	0.330	25.26	0.336
3	64QAM	1	8	25.14	0.327	25.23	0.333	25.30	0.339
3	64QAM	1	14	25.17	0.329	25.20	0.331	25.27	0.337
3	64QAM	8	0	24.18	0.262	24.19	0.262	24.16	0.261
3	64QAM	8	4	24.14	0.259	24.14	0.259	24.23	0.265
3	64QAM	8	7	24.06	0.255	24.08	0.256	24.17	0.261
3	64QAM	15	0	24.14	0.259	24.05	0.254	24.13	0.259



LTE Band 66				Measured E.I.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				131979		132322		132665	
Frequency (MHz)				1710.7		1745		1779.3	
				dBm	W	dBm	W	dBm	W
1.4	QPSK	1	0	26.07	0.405	26.10	0.407	26.16	0.413
1.4	QPSK	1	3	26.10	0.407	26.07	0.405	26.20	0.417
1.4	QPSK	1	5	26.07	0.405	26.08	0.406	26.11	0.408
1.4	QPSK	3	0	25.92	0.391	25.93	0.392	26.01	0.399
1.4	QPSK	3	1	25.91	0.390	25.87	0.386	25.98	0.396
1.4	QPSK	3	3	25.90	0.389	25.81	0.381	25.95	0.394
1.4	QPSK	6	0	25.02	0.318	25.05	0.320	25.08	0.322
1.4	16QAM	1	0	25.17	0.329	25.16	0.328	25.20	0.331
1.4	16QAM	1	3	25.13	0.326	25.14	0.327	25.19	0.330
1.4	16QAM	1	5	25.04	0.319	25.04	0.319	25.16	0.328
1.4	16QAM	3	0	24.89	0.308	24.90	0.309	24.91	0.310
1.4	16QAM	3	1	24.94	0.312	24.88	0.308	24.95	0.313
1.4	16QAM	3	3	24.82	0.303	24.80	0.302	24.87	0.307
1.4	16QAM	6	0	24.03	0.253	24.04	0.254	24.15	0.260
1.4	64QAM	1	0	25.18	0.330	25.17	0.329	25.26	0.336
1.4	64QAM	1	3	25.23	0.333	25.25	0.335	25.25	0.335
1.4	64QAM	1	5	25.16	0.328	25.22	0.333	25.22	0.333
1.4	64QAM	3	0	25.01	0.317	25.01	0.317	24.98	0.315
1.4	64QAM	3	1	24.90	0.309	24.94	0.312	24.99	0.316
1.4	64QAM	3	3	24.86	0.306	24.86	0.306	25.00	0.316
1.4	64QAM	6	0	24.11	0.258	24.03	0.253	24.11	0.258



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	21.42	0.139	21.44	0.139	21.41	0.138
20	QPSK	1	49	21.40	0.138	21.42	0.139	21.32	0.136
20	QPSK	1	99	21.36	0.137	21.40	0.138	21.39	0.138
20	QPSK	50	0	20.42	0.110	20.49	0.112	20.41	0.110
20	QPSK	50	24	20.43	0.110	20.46	0.111	20.37	0.109
20	QPSK	50	50	20.43	0.110	20.44	0.111	20.42	0.110
20	QPSK	100	0	20.45	0.111	20.47	0.111	20.43	0.110
20	16QAM	1	0	20.53	0.113	20.60	0.115	20.57	0.114
20	16QAM	1	49	20.51	0.112	20.57	0.114	20.47	0.111
20	16QAM	1	99	20.54	0.113	20.58	0.114	20.54	0.113
20	16QAM	50	0	19.42	0.087	19.51	0.089	19.49	0.089
20	16QAM	50	24	19.46	0.088	19.49	0.089	19.44	0.088
20	16QAM	50	50	19.44	0.088	19.48	0.089	19.38	0.087
20	16QAM	100	0	19.45	0.088	19.46	0.088	19.42	0.087
20	64QAM	1	0	20.42	0.110	20.44	0.111	20.42	0.110
20	64QAM	1	49	20.37	0.109	20.43	0.110	20.40	0.110
20	64QAM	1	99	20.33	0.108	20.41	0.110	20.36	0.109
20	64QAM	50	0	19.43	0.088	19.52	0.090	19.44	0.088
20	64QAM	50	24	19.47	0.089	19.49	0.089	19.47	0.089
20	64QAM	50	50	19.45	0.088	19.46	0.088	19.43	0.088
20	64QAM	100	0	19.49	0.089	19.51	0.089	19.43	0.088



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	21.33	0.136	21.34	0.136	21.36	0.137
15	QPSK	1	37	21.38	0.137	21.37	0.137	21.25	0.133
15	QPSK	1	74	21.28	0.134	21.39	0.138	21.33	0.136
15	QPSK	36	0	20.35	0.108	20.47	0.111	20.31	0.107
15	QPSK	36	20	20.42	0.110	20.38	0.109	20.36	0.109
15	QPSK	36	39	20.33	0.108	20.37	0.109	20.33	0.108
15	QPSK	75	0	20.44	0.111	20.43	0.110	20.33	0.108
15	16QAM	1	0	20.46	0.111	20.53	0.113	20.53	0.113
15	16QAM	1	37	20.48	0.112	20.47	0.111	20.46	0.111
15	16QAM	1	74	20.53	0.113	20.48	0.112	20.53	0.113
15	16QAM	36	0	19.40	0.087	19.41	0.087	19.45	0.088
15	16QAM	36	20	19.41	0.087	19.45	0.088	19.35	0.086
15	16QAM	36	39	19.40	0.087	19.46	0.088	19.34	0.086
15	16QAM	75	0	19.40	0.087	19.40	0.087	19.34	0.086
15	64QAM	1	0	20.32	0.108	20.38	0.109	20.32	0.108
15	64QAM	1	37	20.33	0.108	20.40	0.110	20.36	0.109
15	64QAM	1	74	20.24	0.106	20.38	0.109	20.30	0.107
15	64QAM	36	0	19.40	0.087	19.45	0.088	19.41	0.087
15	64QAM	36	20	19.38	0.087	19.45	0.088	19.39	0.087
15	64QAM	36	39	19.44	0.088	19.43	0.088	19.34	0.086
15	64QAM	75	0	19.42	0.087	19.49	0.089	19.36	0.086



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	21.35	0.136	21.38	0.137	21.32	0.136
10	QPSK	1	25	21.37	0.137	21.38	0.137	21.31	0.135
10	QPSK	1	49	21.28	0.134	21.30	0.135	21.29	0.135
10	QPSK	25	0	20.34	0.108	20.43	0.110	20.39	0.109
10	QPSK	25	12	20.40	0.110	20.45	0.111	20.30	0.107
10	QPSK	25	25	20.39	0.109	20.39	0.109	20.39	0.109
10	QPSK	50	0	20.39	0.109	20.39	0.109	20.41	0.110
10	16QAM	1	0	20.47	0.111	20.55	0.114	20.52	0.113
10	16QAM	1	25	20.49	0.112	20.50	0.112	20.41	0.110
10	16QAM	1	49	20.48	0.112	20.48	0.112	20.53	0.113
10	16QAM	25	0	19.33	0.086	19.48	0.089	19.41	0.087
10	16QAM	25	12	19.42	0.087	19.48	0.089	19.38	0.087
10	16QAM	25	25	19.34	0.086	19.41	0.087	19.29	0.085
10	16QAM	50	0	19.44	0.088	19.45	0.088	19.40	0.087
10	64QAM	1	0	20.34	0.108	20.34	0.108	20.37	0.109
10	64QAM	1	25	20.34	0.108	20.41	0.110	20.33	0.108
10	64QAM	1	49	20.28	0.107	20.34	0.108	20.26	0.106
10	64QAM	25	0	19.41	0.087	19.50	0.089	19.38	0.087
10	64QAM	25	12	19.40	0.087	19.41	0.087	19.46	0.088
10	64QAM	25	25	19.41	0.087	19.36	0.086	19.34	0.086
10	64QAM	50	0	19.47	0.089	19.44	0.088	19.39	0.087



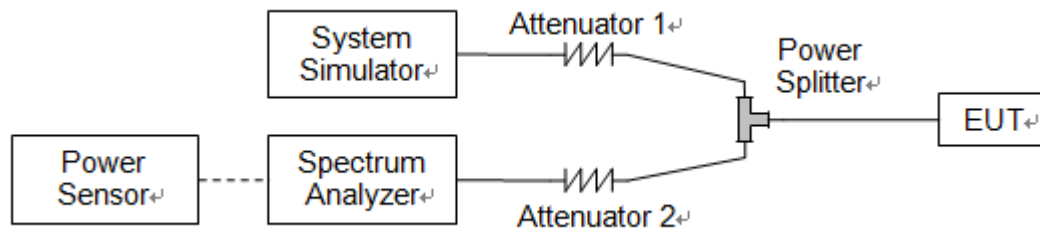
LTE Band 71				Measured E.R.P.					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				133147		133297		133447	
Frequency (MHz)				665.5		680.5		695.5	
				dBm	W	dBm	W	dBm	W
5	QPSK	1	0	21.33	0.136	21.36	0.137	21.32	0.136
5	QPSK	1	12	21.32	0.136	21.37	0.137	21.23	0.133
5	QPSK	1	24	21.31	0.135	21.39	0.138	21.30	0.135
5	QPSK	12	0	20.39	0.109	20.48	0.112	20.39	0.109
5	QPSK	12	7	20.33	0.108	20.39	0.109	20.29	0.107
5	QPSK	12	13	20.42	0.110	20.35	0.108	20.32	0.108
5	QPSK	25	0	20.44	0.111	20.45	0.111	20.41	0.110
5	16QAM	1	0	20.43	0.110	20.54	0.113	20.50	0.112
5	16QAM	1	12	20.45	0.111	20.47	0.111	20.40	0.110
5	16QAM	1	24	20.52	0.113	20.55	0.114	20.49	0.112
5	16QAM	12	0	19.40	0.087	19.41	0.087	19.47	0.089
5	16QAM	12	7	19.42	0.087	19.47	0.089	19.36	0.086
5	16QAM	12	13	19.34	0.086	19.39	0.087	19.32	0.086
5	16QAM	25	0	19.38	0.087	19.43	0.088	19.32	0.086
5	64QAM	1	0	20.37	0.109	20.34	0.108	20.38	0.109
5	64QAM	1	12	20.30	0.107	20.37	0.109	20.34	0.108
5	64QAM	1	24	20.25	0.106	20.35	0.108	20.34	0.108
5	64QAM	12	0	19.34	0.086	19.49	0.089	19.38	0.087
5	64QAM	12	7	19.44	0.088	19.44	0.088	19.46	0.088
5	64QAM	12	13	19.38	0.087	19.39	0.087	19.33	0.086
5	64QAM	25	0	19.44	0.088	19.41	0.087	19.39	0.087

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	1.0973	1.2390	PASS
B2	1.4	Low	18607	1850.7	16QAM	1.0981	1.2549	PASS
B2	1.4	Low	18607	1850.7	64QAM	1.1005	1.2569	PASS
B2	1.4	Mid	18900	1880	QPSK	1.0961	1.2518	PASS
B2	1.4	Mid	18900	1880	16QAM	1.0956	1.2497	PASS
B2	1.4	Mid	18900	1880	64QAM	1.0990	1.2490	PASS
B2	1.4	High	19193	1909.3	QPSK	1.0949	1.2471	PASS
B2	1.4	High	19193	1909.3	16QAM	1.0986	1.2527	PASS
B2	1.4	High	19193	1909.3	64QAM	1.0972	1.2492	PASS
B2	3	Low	18615	1851.5	QPSK	2.7156	3.0489	PASS
B2	3	Low	18615	1851.5	16QAM	2.7108	3.0574	PASS
B2	3	Low	18615	1851.5	64QAM	2.7078	3.0615	PASS
B2	3	Mid	18900	1880	QPSK	2.7193	3.0419	PASS
B2	3	Mid	18900	1880	16QAM	2.7128	3.0386	PASS
B2	3	Mid	18900	1880	64QAM	2.7238	3.0562	PASS
B2	3	High	19185	1908.5	QPSK	2.7128	3.0565	PASS
B2	3	High	19185	1908.5	16QAM	2.7075	3.0521	PASS
B2	3	High	19185	1908.5	64QAM	2.7213	3.0449	PASS
B2	5	Low	18625	1852.5	QPSK	4.4786	4.9211	PASS
B2	5	Low	18625	1852.5	16QAM	4.4867	4.9426	PASS
B2	5	Low	18625	1852.5	64QAM	4.4914	4.9353	PASS
B2	5	Mid	18900	1880	QPSK	4.4877	4.9176	PASS
B2	5	Mid	18900	1880	16QAM	4.4908	4.9620	PASS
B2	5	Mid	18900	1880	64QAM	4.4802	4.9113	PASS
B2	5	High	19175	1907.5	QPSK	4.4874	4.9360	PASS
B2	5	High	19175	1907.5	16QAM	4.4858	4.9635	PASS
B2	5	High	19175	1907.5	64QAM	4.4844	4.9033	PASS
B2	10	Low	18650	1855	QPSK	9.0079	9.8266	PASS
B2	10	Low	18650	1855	16QAM	8.9618	9.8208	PASS
B2	10	Low	18650	1855	64QAM	8.9702	9.7445	PASS
B2	10	Mid	18900	1880	QPSK	8.9789	9.8991	PASS
B2	10	Mid	18900	1880	16QAM	8.9548	9.7440	PASS
B2	10	Mid	18900	1880	64QAM	8.9720	9.8144	PASS



REPORT No.: SZ24120367W05

B2	10	High	19150	1905	QPSK	8.9795	9.8776	PASS
B2	10	High	19150	1905	16QAM	8.9538	9.7360	PASS
B2	10	High	19150	1905	64QAM	8.9627	9.8048	PASS
B2	15	Low	18675	1857.5	QPSK	13.473	14.746	PASS
B2	15	Low	18675	1857.5	16QAM	13.461	14.834	PASS
B2	15	Low	18675	1857.5	64QAM	13.436	14.792	PASS
B2	15	Mid	18900	1880	QPSK	13.473	14.774	PASS
B2	15	Mid	18900	1880	16QAM	13.447	14.932	PASS
B2	15	Mid	18900	1880	64QAM	13.468	14.685	PASS
B2	15	High	19125	1902.5	QPSK	13.483	14.804	PASS
B2	15	High	19125	1902.5	16QAM	13.473	14.884	PASS
B2	15	High	19125	1902.5	64QAM	13.464	14.922	PASS
B2	20	Low	18700	1860	QPSK	17.944	19.570	PASS
B2	20	Low	18700	1860	16QAM	17.952	19.524	PASS
B2	20	Low	18700	1860	64QAM	17.940	19.559	PASS
B2	20	Mid	18900	1880	QPSK	17.964	19.640	PASS
B2	20	Mid	18900	1880	16QAM	17.974	19.659	PASS
B2	20	Mid	18900	1880	64QAM	17.974	19.665	PASS
B2	20	High	19100	1900	QPSK	17.943	19.554	PASS
B2	20	High	19100	1900	16QAM	17.989	19.733	PASS
B2	20	High	19100	1900	64QAM	17.948	19.634	PASS



LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B4	1.4	Low	19957	1710.7	QPSK	1.0989	1.2493	PASS
B4	1.4	Low	19957	1710.7	16QAM	1.1013	1.2565	PASS
B4	1.4	Low	19957	1710.7	64QAM	1.1016	1.2581	PASS
B4	1.4	Mid	20175	1732.5	QPSK	1.0947	1.2515	PASS
B4	1.4	Mid	20175	1732.5	16QAM	1.1001	1.2481	PASS
B4	1.4	Mid	20175	1732.5	64QAM	1.0977	1.2495	PASS
B4	1.4	High	20393	1754.3	QPSK	1.0983	1.2481	PASS
B4	1.4	High	20393	1754.3	16QAM	1.0996	1.2655	PASS
B4	1.4	High	20393	1754.3	64QAM	1.1016	1.2617	PASS
B4	3	Low	19965	1711.5	QPSK	2.7166	3.0321	PASS
B4	3	Low	19965	1711.5	16QAM	2.7158	3.0592	PASS
B4	3	Low	19965	1711.5	64QAM	2.7221	3.0894	PASS
B4	3	Mid	20175	1732.5	QPSK	2.7160	3.0487	PASS
B4	3	Mid	20175	1732.5	16QAM	2.7232	3.0622	PASS
B4	3	Mid	20175	1732.5	64QAM	2.7182	3.0552	PASS
B4	3	High	20385	1753.5	QPSK	2.7240	3.0507	PASS
B4	3	High	20385	1753.5	16QAM	2.7131	3.0621	PASS
B4	3	High	20385	1753.5	64QAM	2.7197	3.0819	PASS
B4	5	Low	19975	1712.5	QPSK	4.4884	4.9447	PASS
B4	5	Low	19975	1712.5	16QAM	4.4861	4.9739	PASS
B4	5	Low	19975	1712.5	64QAM	4.4758	4.9141	PASS
B4	5	Mid	20175	1732.5	QPSK	4.4873	4.9258	PASS
B4	5	Mid	20175	1732.5	16QAM	4.4791	4.9512	PASS
B4	5	Mid	20175	1732.5	64QAM	4.4852	4.8939	PASS
B4	5	High	20375	1752.5	QPSK	4.4801	4.9323	PASS
B4	5	High	20375	1752.5	16QAM	4.4921	4.9224	PASS
B4	5	High	20375	1752.5	64QAM	4.4784	4.9363	PASS
B4	10	Low	20000	1715	QPSK	8.9832	9.8394	PASS
B4	10	Low	20000	1715	16QAM	8.9443	9.7705	PASS
B4	10	Low	20000	1715	64QAM	8.9854	9.8349	PASS
B4	10	Mid	20175	1732.5	QPSK	8.9732	9.7986	PASS
B4	10	Mid	20175	1732.5	16QAM	8.9447	9.7356	PASS
B4	10	Mid	20175	1732.5	64QAM	8.9716	9.8001	PASS
B4	10	High	20350	1750	QPSK	8.9941	9.8066	PASS
B4	10	High	20350	1750	16QAM	8.9548	9.7956	PASS



REPORT No.: SZ24120367W05

B4	10	High	20350	1750	64QAM	8.9945	9.8640	PASS
B4	15	Low	20025	1717.5	QPSK	13.440	14.796	PASS
B4	15	Low	20025	1717.5	16QAM	13.477	14.900	PASS
B4	15	Low	20025	1717.5	64QAM	13.468	14.844	PASS
B4	15	Mid	20175	1732.5	QPSK	13.434	14.718	PASS
B4	15	Mid	20175	1732.5	16QAM	13.452	14.919	PASS
B4	15	Mid	20175	1732.5	64QAM	13.464	14.944	PASS
B4	15	High	20325	1747.5	QPSK	13.439	14.863	PASS
B4	15	High	20325	1747.5	16QAM	13.453	14.965	PASS
B4	15	High	20325	1747.5	64QAM	13.464	14.771	PASS
B4	20	Low	20050	1720	QPSK	17.909	19.602	PASS
B4	20	Low	20050	1720	16QAM	17.948	19.528	PASS
B4	20	Low	20050	1720	64QAM	17.924	19.637	PASS
B4	20	Mid	20175	1732.5	QPSK	17.948	19.556	PASS
B4	20	Mid	20175	1732.5	16QAM	17.947	19.716	PASS
B4	20	Mid	20175	1732.5	64QAM	17.964	19.533	PASS
B4	20	High	20300	1745	QPSK	17.965	19.618	PASS
B4	20	High	20300	1745	16QAM	17.981	19.606	PASS
B4	20	High	20300	1745	64QAM	17.967	19.533	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	1.0940	1.2409	PASS
B5	1.4	Low	20407	824.7	16QAM	1.0962	1.2530	PASS
B5	1.4	Low	20407	824.7	64QAM	1.0956	1.2464	PASS
B5	1.4	Mid	20525	836.5	QPSK	1.0948	1.2429	PASS
B5	1.4	Mid	20525	836.5	16QAM	1.0966	1.2552	PASS
B5	1.4	Mid	20525	836.5	64QAM	1.1013	1.2429	PASS
B5	1.4	High	20643	848.3	QPSK	1.0965	1.2502	PASS
B5	1.4	High	20643	848.3	16QAM	1.1013	1.2962	PASS
B5	1.4	High	20643	848.3	64QAM	1.1011	1.4543	PASS
B5	3	Low	20415	825.5	QPSK	2.7173	3.0439	PASS
B5	3	Low	20415	825.5	16QAM	2.7104	3.0567	PASS
B5	3	Low	20415	825.5	64QAM	2.7207	3.0567	PASS
B5	3	Mid	20525	836.5	QPSK	2.7176	3.0540	PASS
B5	3	Mid	20525	836.5	16QAM	2.7057	3.0640	PASS
B5	3	Mid	20525	836.5	64QAM	2.7169	3.0448	PASS
B5	3	High	20635	847.5	QPSK	2.7180	3.0418	PASS
B5	3	High	20635	847.5	16QAM	2.7247	3.0623	PASS
B5	3	High	20635	847.5	64QAM	2.7264	3.0573	PASS
B5	5	Low	20425	826.5	QPSK	4.4810	4.9225	PASS
B5	5	Low	20425	826.5	16QAM	4.4820	4.9079	PASS
B5	5	Low	20425	826.5	64QAM	4.4850	4.9281	PASS
B5	5	Mid	20525	836.5	QPSK	4.4878	4.9216	PASS
B5	5	Mid	20525	836.5	16QAM	4.4865	4.9473	PASS
B5	5	Mid	20525	836.5	64QAM	4.4748	4.8966	PASS
B5	5	High	20625	846.5	QPSK	4.4834	4.9425	PASS
B5	5	High	20625	846.5	16QAM	4.4799	4.9321	PASS
B5	5	High	20625	846.5	64QAM	4.4898	4.8918	PASS
B5	10	Low	20450	829	QPSK	8.9737	9.7983	PASS
B5	10	Low	20450	829	16QAM	8.9607	9.7568	PASS
B5	10	Low	20450	829	64QAM	8.9713	9.8329	PASS
B5	10	Mid	20525	836.5	QPSK	8.9733	9.8638	PASS
B5	10	Mid	20525	836.5	16QAM	8.9482	9.8064	PASS
B5	10	Mid	20525	836.5	64QAM	8.9747	9.8092	PASS
B5	10	High	20600	844	QPSK	8.9675	9.8011	PASS
B5	10	High	20600	844	16QAM	8.9517	9.7533	PASS



REPORT No.: SZ24120367W05

B5	10	High	20600	844	64QAM	8.9388	9.7981	PASS
B12	1.4	Low	23017	699.7	QPSK	1.0962	1.2471	PASS
B12	1.4	Low	23017	699.7	16QAM	1.0986	1.2455	PASS
B12	1.4	Low	23017	699.7	64QAM	1.0952	1.2506	PASS
B12	1.4	Mid	23095	707.5	QPSK	1.0948	1.2390	PASS
B12	1.4	Mid	23095	707.5	16QAM	1.0966	1.2494	PASS
B12	1.4	Mid	23095	707.5	64QAM	1.0985	1.2482	PASS
B12	1.4	High	23173	715.3	QPSK	1.0953	1.2417	PASS
B12	1.4	High	23173	715.3	16QAM	1.0998	1.2512	PASS
B12	1.4	High	23173	715.3	64QAM	1.0964	1.2540	PASS
B12	3	Low	23025	700.5	QPSK	2.7189	3.0501	PASS
B12	3	Low	23025	700.5	16QAM	2.7247	3.0617	PASS
B12	3	Low	23025	700.5	64QAM	2.7230	3.0711	PASS
B12	3	Mid	23095	707.5	QPSK	2.7147	3.0447	PASS
B12	3	Mid	23095	707.5	16QAM	2.7057	3.0375	PASS
B12	3	Mid	23095	707.5	64QAM	2.7196	3.0608	PASS
B12	3	High	23165	714.5	QPSK	2.7144	3.0584	PASS
B12	3	High	23165	714.5	16QAM	2.7194	3.0473	PASS
B12	3	High	23165	714.5	64QAM	2.7237	3.0593	PASS
B12	5	Low	23035	701.5	QPSK	4.4846	4.9206	PASS
B12	5	Low	23035	701.5	16QAM	4.4923	4.9418	PASS
B12	5	Low	23035	701.5	64QAM	4.4920	4.9352	PASS
B12	5	Mid	23095	707.5	QPSK	4.4814	4.9159	PASS
B12	5	Mid	23095	707.5	16QAM	4.4863	4.9253	PASS
B12	5	Mid	23095	707.5	64QAM	4.4861	4.9027	PASS
B12	5	High	23155	713.5	QPSK	4.4776	4.9409	PASS
B12	5	High	23155	713.5	16QAM	4.4869	4.9336	PASS
B12	5	High	23155	713.5	64QAM	4.4755	4.8996	PASS
B12	10	Low	23060	704	QPSK	9.0130	9.9198	PASS
B12	10	Low	23060	704	16QAM	8.9890	9.8085	PASS
B12	10	Low	23060	704	64QAM	8.9997	9.8734	PASS
B12	10	Mid	23095	707.5	QPSK	8.9668	9.7330	PASS
B12	10	Mid	23095	707.5	16QAM	8.9336	9.6917	PASS
B12	10	Mid	23095	707.5	64QAM	8.9692	9.7603	PASS
B12	10	High	23130	711	QPSK	8.9537	9.7149	PASS
B12	10	High	23130	711	16QAM	8.9193	9.7036	PASS
B12	10	High	23130	711	64QAM	8.9491	9.7728	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	4.4898	4.9054	PASS
B17	5	Low	23755	706.5	16QAM	4.4859	4.9258	PASS
B17	5	Low	23755	706.5	64QAM	4.4867	4.9024	PASS
B17	5	Mid	23790	710	QPSK	4.4792	4.9096	PASS
B17	5	Mid	23790	710	16QAM	4.4692	4.8764	PASS
B17	5	Mid	23790	710	64QAM	4.4658	4.9114	PASS
B17	5	High	23825	713.5	QPSK	4.4836	4.9298	PASS
B17	5	High	23825	713.5	16QAM	4.4717	4.9465	PASS
B17	5	High	23825	713.5	64QAM	4.4797	4.8975	PASS
B17	10	Low	23780	709	QPSK	8.9578	9.7786	PASS
B17	10	Low	23780	709	16QAM	8.9263	9.6877	PASS
B17	10	Low	23780	709	64QAM	8.9277	9.7410	PASS
B17	10	Mid	23790	710	QPSK	8.9265	9.7873	PASS
B17	10	Mid	23790	710	16QAM	8.9254	9.6755	PASS
B17	10	Mid	23790	710	64QAM	8.9512	9.7134	PASS
B17	10	High	23800	711	QPSK	8.9386	9.7526	PASS
B17	10	High	23800	711	16QAM	8.9168	9.7138	PASS
B17	10	High	23800	711	64QAM	8.9303	9.7969	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	1.0980	1.2513	PASS
B25	1.4	Low	26047	1850.7	16QAM	1.0968	1.2472	PASS
B25	1.4	Low	26047	1850.7	64QAM	1.0958	1.2437	PASS
B25	1.4	Mid	26365	1882.5	QPSK	1.0975	1.2425	PASS
B25	1.4	Mid	26365	1882.5	16QAM	1.0983	1.2403	PASS
B25	1.4	Mid	26365	1882.5	64QAM	1.0943	1.2551	PASS
B25	1.4	High	26683	1914.3	QPSK	1.0970	1.2464	PASS
B25	1.4	High	26683	1914.3	16QAM	1.0992	1.2548	PASS
B25	1.4	High	26683	1914.3	64QAM	1.0994	1.2603	PASS
B25	3	Low	26055	1851.5	QPSK	2.7139	3.0459	PASS
B25	3	Low	26055	1851.5	16QAM	2.7196	3.0381	PASS
B25	3	Low	26055	1851.5	64QAM	2.7184	3.0569	PASS
B25	3	Mid	26365	1882.5	QPSK	2.7160	3.0454	PASS
B25	3	Mid	26365	1882.5	16QAM	2.7137	3.0550	PASS
B25	3	Mid	26365	1882.5	64QAM	2.7193	3.0560	PASS
B25	3	High	26675	1913.5	QPSK	2.7139	3.0530	PASS
B25	3	High	26675	1913.5	16QAM	2.7138	3.0506	PASS
B25	3	High	26675	1913.5	64QAM	2.7165	3.0480	PASS
B25	5	Low	26065	1852.5	QPSK	4.4801	4.9256	PASS
B25	5	Low	26065	1852.5	16QAM	4.4835	4.9527	PASS
B25	5	Low	26065	1852.5	64QAM	4.4712	4.9344	PASS
B25	5	Mid	26365	1882.5	QPSK	4.4832	4.9353	PASS
B25	5	Mid	26365	1882.5	16QAM	4.4764	4.9562	PASS
B25	5	Mid	26365	1882.5	64QAM	4.4804	4.9025	PASS
B25	5	High	26665	1912.5	QPSK	4.4763	4.9406	PASS
B25	5	High	26665	1912.5	16QAM	4.4772	4.9319	PASS
B25	5	High	26665	1912.5	64QAM	4.4700	4.9019	PASS
B25	10	Low	26090	1855	QPSK	8.9653	9.8275	PASS
B25	10	Low	26090	1855	16QAM	8.9556	9.7469	PASS
B25	10	Low	26090	1855	64QAM	8.9648	9.8378	PASS
B25	10	Mid	26365	1882.5	QPSK	8.9816	9.8285	PASS
B25	10	Mid	26365	1882.5	16QAM	8.9619	9.7974	PASS
B25	10	Mid	26365	1882.5	64QAM	8.9719	9.7743	PASS
B25	10	High	26640	1910	QPSK	8.9691	9.7679	PASS
B25	10	High	26640	1910	16QAM	8.9256	9.7070	PASS



REPORT No.: SZ24120367W05

B25	10	High	26640	1910	64QAM	8.9602	9.8014	PASS
B25	15	Low	26115	1857.5	QPSK	13.451	14.757	PASS
B25	15	Low	26115	1857.5	16QAM	13.470	14.895	PASS
B25	15	Low	26115	1857.5	64QAM	13.446	14.813	PASS
B25	15	Mid	26365	1882.5	QPSK	13.477	14.713	PASS
B25	15	Mid	26365	1882.5	16QAM	13.456	14.742	PASS
B25	15	Mid	26365	1882.5	64QAM	13.441	14.893	PASS
B25	15	High	26615	1907.5	QPSK	13.429	14.747	PASS
B25	15	High	26615	1907.5	16QAM	13.438	14.786	PASS
B25	15	High	26615	1907.5	64QAM	13.460	14.824	PASS
B25	20	Low	26140	1860	QPSK	17.954	19.610	PASS
B25	20	Low	26140	1860	16QAM	17.964	19.630	PASS
B25	20	Low	26140	1860	64QAM	17.958	19.546	PASS
B25	20	Mid	26365	1882.5	QPSK	17.950	19.591	PASS
B25	20	Mid	26365	1882.5	16QAM	17.966	19.787	PASS
B25	20	Mid	26365	1882.5	64QAM	17.968	19.686	PASS
B25	20	High	26590	1905	QPSK	17.945	19.502	PASS
B25	20	High	26590	1905	16QAM	17.915	19.727	PASS
B25	20	High	26590	1905	64QAM	17.917	19.490	PASS



LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B26	1.4	Low	26797	824.7	QPSK	1.0985	1.2418	PASS
B26	1.4	Low	26797	824.7	16QAM	1.0997	1.2458	PASS
B26	1.4	Low	26797	824.7	64QAM	1.0950	1.2445	PASS
B26	1.4	Mid	26915	836.5	QPSK	1.0952	1.2423	PASS
B26	1.4	Mid	26915	836.5	16QAM	1.0957	1.2502	PASS
B26	1.4	Mid	26915	836.5	64QAM	1.0959	1.2483	PASS
B26	1.4	High	27033	848.3	QPSK	1.0966	1.2345	PASS
B26	1.4	High	27033	848.3	16QAM	1.0990	1.2421	PASS
B26	1.4	High	27033	848.3	64QAM	1.0943	1.2480	PASS
B26	3	Low	26805	825.5	QPSK	2.7180	3.0392	PASS
B26	3	Low	26805	825.5	16QAM	2.7133	3.0487	PASS
B26	3	Low	26805	825.5	64QAM	2.7174	3.0329	PASS
B26	3	Mid	26915	836.5	QPSK	2.7118	3.0382	PASS
B26	3	Mid	26915	836.5	16QAM	2.7071	3.0614	PASS
B26	3	Mid	26915	836.5	64QAM	2.7234	3.0669	PASS
B26	3	High	27025	847.5	QPSK	2.7130	3.0477	PASS
B26	3	High	27025	847.5	16QAM	2.7098	3.0465	PASS
B26	3	High	27025	847.5	64QAM	2.7175	3.0494	PASS
B26	5	Low	26815	826.5	QPSK	4.4826	4.9357	PASS
B26	5	Low	26815	826.5	16QAM	4.4986	4.9381	PASS
B26	5	Low	26815	826.5	64QAM	4.5029	4.9084	PASS
B26	5	Mid	26915	836.5	QPSK	4.4820	4.9419	PASS
B26	5	Mid	26915	836.5	16QAM	4.4847	4.9237	PASS
B26	5	Mid	26915	836.5	64QAM	4.4784	4.9159	PASS
B26	5	High	27015	846.5	QPSK	4.4791	4.9151	PASS
B26	5	High	27015	846.5	16QAM	4.4821	4.9127	PASS
B26	5	High	27015	846.5	64QAM	4.4773	4.9032	PASS
B26	10	Low	26840	829	QPSK	8.9906	9.8074	PASS
B26	10	Low	26840	829	16QAM	8.9556	9.8282	PASS
B26	10	Low	26840	829	64QAM	8.9730	9.8005	PASS
B26	10	Mid	26915	836.5	QPSK	8.9794	9.7942	PASS
B26	10	Mid	26915	836.5	16QAM	8.9581	9.7727	PASS
B26	10	Mid	26915	836.5	64QAM	8.9682	9.8010	PASS
B26	10	High	26990	844	QPSK	8.9802	9.8075	PASS
B26	10	High	26990	844	16QAM	8.9458	9.7654	PASS



REPORT No.: SZ24120367W05

B26	10	High	26990	844	64QAM	8.9689	9.8177	PASS
B26	15	Low	26865	831.5	QPSK	13.449	14.844	PASS
B26	15	Low	26865	831.5	16QAM	13.451	14.825	PASS
B26	15	Low	26865	831.5	64QAM	13.422	14.847	PASS
B26	15	Mid	26915	836.5	QPSK	13.448	14.814	PASS
B26	15	Mid	26915	836.5	16QAM	13.451	14.857	PASS
B26	15	Mid	26915	836.5	64QAM	13.467	14.762	PASS
B26	15	High	26965	841.5	QPSK	13.477	14.750	PASS
B26	15	High	26965	841.5	16QAM	13.430	14.904	PASS
B26	15	High	26965	841.5	64QAM	13.416	14.723	PASS



LTE Band	BW(MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B66	1.4	Low	131979	1710.7	QPSK	1.0944	1.2542	PASS
B66	1.4	Low	131979	1710.7	16QAM	1.0991	1.2495	PASS
B66	1.4	Low	131979	1710.7	64QAM	1.0934	1.2558	PASS
B66	1.4	Mid	132322	1745	QPSK	1.0962	1.2422	PASS
B66	1.4	Mid	132322	1745	16QAM	1.0986	1.2565	PASS
B66	1.4	Mid	132322	1745	64QAM	1.1013	1.2506	PASS
B66	1.4	High	132665	1779.3	QPSK	1.0977	1.2594	PASS
B66	1.4	High	132665	1779.3	16QAM	1.0987	1.2585	PASS
B66	1.4	High	132665	1779.3	64QAM	1.1002	1.2526	PASS
B66	3	Low	131987	1711.5	QPSK	2.7227	3.0335	PASS
B66	3	Low	131987	1711.5	16QAM	2.7170	3.0583	PASS
B66	3	Low	131987	1711.5	64QAM	2.7247	3.0508	PASS
B66	3	Mid	132322	1745	QPSK	2.7124	3.0398	PASS
B66	3	Mid	132322	1745	16QAM	2.7114	3.0637	PASS
B66	3	Mid	132322	1745	64QAM	2.7206	3.0604	PASS
B66	3	High	132657	1778.5	QPSK	2.7199	3.0531	PASS
B66	3	High	132657	1778.5	16QAM	2.7169	3.0569	PASS
B66	3	High	132657	1778.5	64QAM	2.7203	3.0546	PASS
B66	5	Low	131997	1712.5	QPSK	4.4865	4.9312	PASS
B66	5	Low	131997	1712.5	16QAM	4.4851	4.9410	PASS
B66	5	Low	131997	1712.5	64QAM	4.4773	4.9096	PASS
B66	5	Mid	132322	1745	QPSK	4.4799	4.9168	PASS
B66	5	Mid	132322	1745	16QAM	4.4828	4.9143	PASS
B66	5	Mid	132322	1745	64QAM	4.4891	4.9214	PASS
B66	5	High	132647	1777.5	QPSK	4.4801	4.9431	PASS
B66	5	High	132647	1777.5	16QAM	4.4874	4.9528	PASS
B66	5	High	132647	1777.5	64QAM	4.4808	4.8562	PASS
B66	10	Low	132022	1715	QPSK	8.9849	9.8446	PASS
B66	10	Low	132022	1715	16QAM	8.9519	9.7772	PASS
B66	10	Low	132022	1715	64QAM	8.9717	9.7939	PASS
B66	10	Mid	132322	1745	QPSK	8.9726	9.8530	PASS
B66	10	Mid	132322	1745	16QAM	8.9639	9.8104	PASS
B66	10	Mid	132322	1745	64QAM	8.9795	9.7812	PASS
B66	10	High	132622	1775	QPSK	8.9910	9.8277	PASS
B66	10	High	132622	1775	16QAM	8.9558	9.7994	PASS

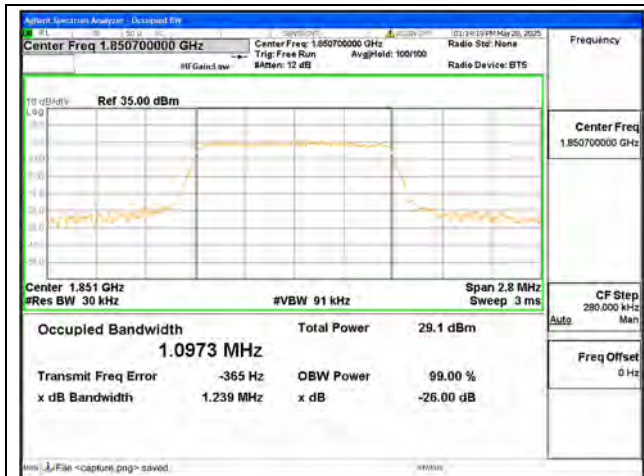


REPORT No.: SZ24120367W05

B66	10	High	132622	1775	64QAM	8.9644	9.8348	PASS
B66	15	Low	132047	1717.5	QPSK	13.439	14.903	PASS
B66	15	Low	132047	1717.5	16QAM	13.464	14.968	PASS
B66	15	Low	132047	1717.5	64QAM	13.456	14.782	PASS
B66	15	Mid	132322	1745	QPSK	13.427	14.839	PASS
B66	15	Mid	132322	1745	16QAM	13.446	14.883	PASS
B66	15	Mid	132322	1745	64QAM	13.470	14.887	PASS
B66	15	High	132597	1772.5	QPSK	13.459	14.830	PASS
B66	15	High	132597	1772.5	16QAM	13.448	14.855	PASS
B66	15	High	132597	1772.5	64QAM	13.458	14.884	PASS
B66	20	Low	132072	1720	QPSK	17.918	19.494	PASS
B66	20	Low	132072	1720	16QAM	17.995	19.642	PASS
B66	20	Low	132072	1720	64QAM	17.899	19.527	PASS
B66	20	Mid	132322	1745	QPSK	17.960	19.581	PASS
B66	20	Mid	132322	1745	16QAM	17.998	19.803	PASS
B66	20	Mid	132322	1745	64QAM	17.973	19.711	PASS
B66	20	High	132572	1770	QPSK	17.940	19.556	PASS
B66	20	High	132572	1770	16QAM	17.988	19.543	PASS
B66	20	High	132572	1770	64QAM	17.940	19.559	PASS



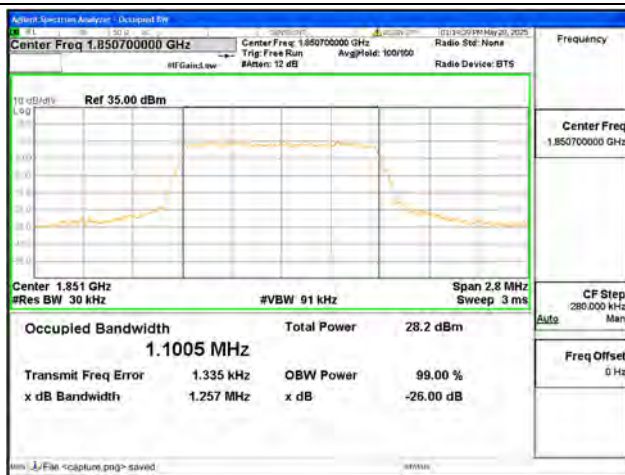
LTE Band	BW (MHz)	Channel Level	Channel	Frequency (MHz)	Modulation	99% BW (MHz)	26dB BW (MHz)	Verdict
B71	5	Low	133147	665.5	QPSK	4.4829	4.9330	PASS
B71	5	Low	133147	665.5	16QAM	4.4862	4.8979	PASS
B71	5	Low	133147	665.5	64QAM	4.4847	4.9174	PASS
B71	5	Mid	133297	680.5	QPSK	4.4847	4.9343	PASS
B71	5	Mid	133297	680.5	16QAM	4.4789	4.9508	PASS
B71	5	Mid	133297	680.5	64QAM	4.4808	4.9176	PASS
B71	5	High	133447	695.5	QPSK	4.4836	4.9866	PASS
B71	5	High	133447	695.5	16QAM	4.4872	4.9248	PASS
B71	5	High	133447	695.5	64QAM	4.4733	4.9055	PASS
B71	10	Low	133172	668	QPSK	8.9693	9.7999	PASS
B71	10	Low	133172	668	16QAM	8.9372	9.7147	PASS
B71	10	Low	133172	668	64QAM	8.9573	9.7801	PASS
B71	10	Mid	133297	680.5	QPSK	9.0145	9.9472	PASS
B71	10	Mid	133297	680.5	16QAM	8.9712	9.7917	PASS
B71	10	Mid	133297	680.5	64QAM	8.9988	9.8297	PASS
B71	10	High	133422	693	QPSK	8.9975	9.7763	PASS
B71	10	High	133422	693	16QAM	8.9602	9.7411	PASS
B71	10	High	133422	693	64QAM	8.9823	9.7914	PASS
B71	15	Low	133197	670.5	QPSK	13.437	14.734	PASS
B71	15	Low	133197	670.5	16QAM	13.424	14.793	PASS
B71	15	Low	133197	670.5	64QAM	13.435	14.706	PASS
B71	15	Mid	133297	680.5	QPSK	13.500	14.708	PASS
B71	15	Mid	133297	680.5	16QAM	13.480	14.793	PASS
B71	15	Mid	133297	680.5	64QAM	13.476	14.804	PASS
B71	15	High	133397	690.5	QPSK	13.458	14.740	PASS
B71	15	High	133397	690.5	16QAM	13.435	14.615	PASS
B71	15	High	133397	690.5	64QAM	13.448	14.762	PASS
B71	20	Low	133222	673	QPSK	17.925	19.503	PASS
B71	20	Low	133222	673	16QAM	17.948	19.627	PASS
B71	20	Low	133222	673	64QAM	17.938	19.498	PASS
B71	20	Mid	133322	683	QPSK	17.945	19.510	PASS
B71	20	Mid	133322	683	16QAM	17.946	19.671	PASS
B71	20	Mid	133322	683	64QAM	17.947	19.525	PASS
B71	20	High	133372	688	QPSK	17.914	19.571	PASS
B71	20	High	133372	688	16QAM	17.927	19.677	PASS
B71	20	High	133372	688	64QAM	17.929	19.568	PASS



B2 / 1.4MHz / QPSK/ Low CH



B2 / 1.4MHz / 16QAM/ Low CH



B2 / 1.4MHz / 64QAM/ Low CH



B2 / 1.4MHz / QPSK/ Mid CH



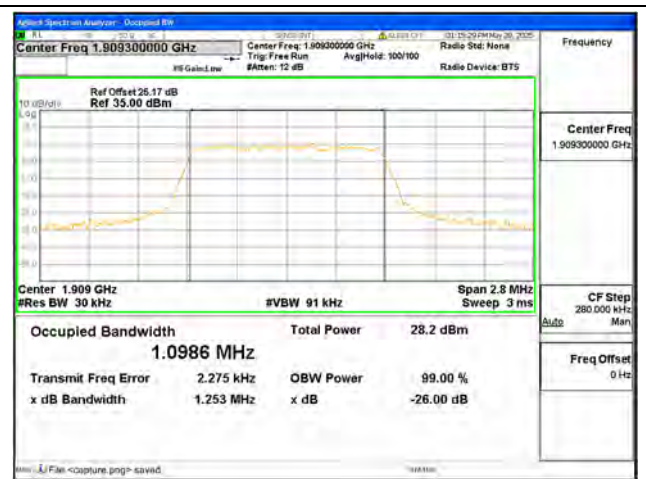
B2 / 1.4MHz / 16QAM/ Mid CH



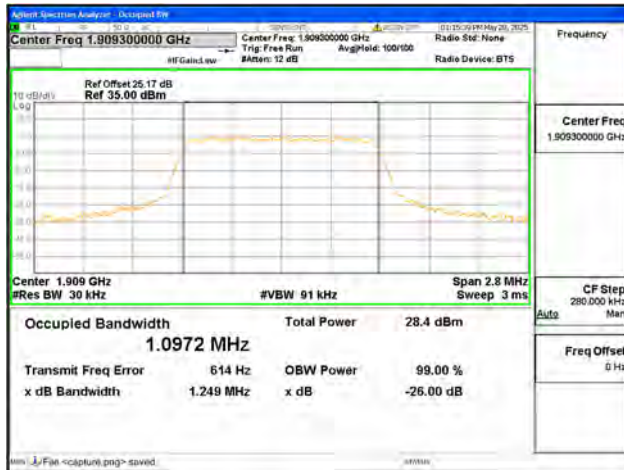
B2 / 1.4MHz / 64QAM/ Mid CH



B2 / 1.4MHz / QPSK/ High CH



B2 / 1.4MHz / 16QAM/ High CH



B2 / 1.4MHz / 64QAM/ High CH



B2 / 3MHz / QPSK/ Low CH



B2 / 3MHz / 16QAM/ Low CH



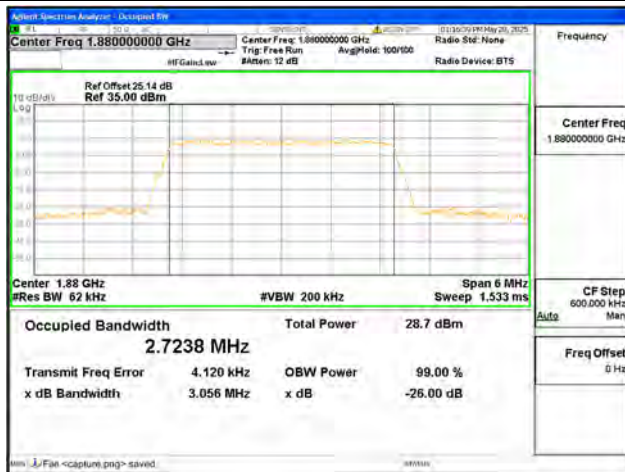
B2 / 3MHz / 64QAM/ Low CH



B2 / 3MHz / QPSK/ Mid CH



B2 / 3MHz / 16QAM/ Mid CH



B2 / 3MHz / 64QAM/ Mid CH



B2 / 3MHz / QPSK/ High CH



B2 / 3MHz / 16QAM/ High CH



B2 / 3MHz / 64QAM/ High CH



B2 / 5MHz / QPSK/ Low CH



B2 / 5MHz / 16QAM/ Low CH



B2 / 5MHz / 64QAM/ Low CH



B2 / 5MHz / QPSK/ Mid CH



B2 / 5MHz / 16QAM/ Mid CH



B2 / 5MHz / 64QAM/ Mid CH



B2 / 5MHz / QPSK/ High CH



B2 / 5MHz / 16QAM/ High CH



B2 / 5MHz / 64QAM/ High CH



B2 / 10MHz / QPSK/ Low CH



B2 / 10MHz / 16QAM/ Low CH



B2 / 10MHz / 64QAM/ Low CH



B2 / 10MHz / QPSK/ Mid CH



B2 / 10MHz / 16QAM/ Mid CH



B2 / 10MHz / 64QAM/ Mid CH



B2 / 10MHz / QPSK/ High CH



B2 / 10MHz / 16QAM/ High CH



B2 / 10MHz / 64QAM/ High CH



B2 / 15MHz / QPSK/ Low CH



B2 / 15MHz / 16QAM/ Low CH



B2 / 15MHz / 64QAM/ Low CH



B2 / 15MHz / QPSK/ Mid CH



B2 / 15MHz / 16QAM/ Mid CH



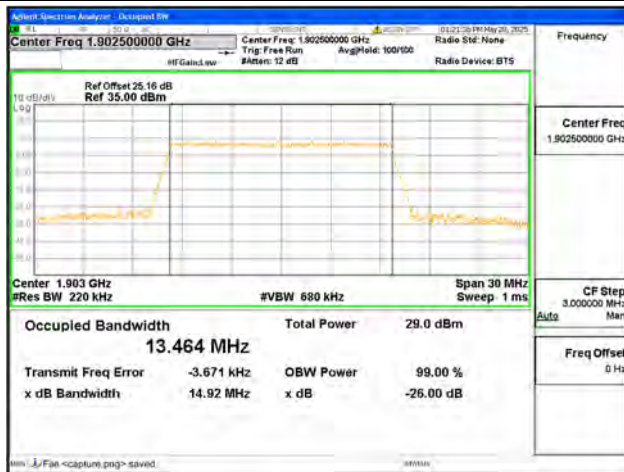
B2 / 15MHz / 64QAM/ Mid CH



B2 / 15MHz / QPSK/ High CH



B2 / 15MHz / 16QAM/ High CH



B2 / 15MHz / 64QAM/ High CH



B2 / 20MHz / QPSK/ Low CH



B2 / 20MHz / 16QAM/ Low CH



B2 / 20MHz / 64QAM/ Low CH



B2 / 20MHz / QPSK/ Mid CH



B2 / 20MHz / 16QAM/ Mid CH



B2 / 20MHz / 64QAM/ Mid CH



B2 / 20MHz / QPSK/ High CH



B2 / 20MHz / 16QAM/ High CH



B2 / 20MHz / 64QAM/ High CH



B4 / 1.4MHz / QPSK/ Low CH



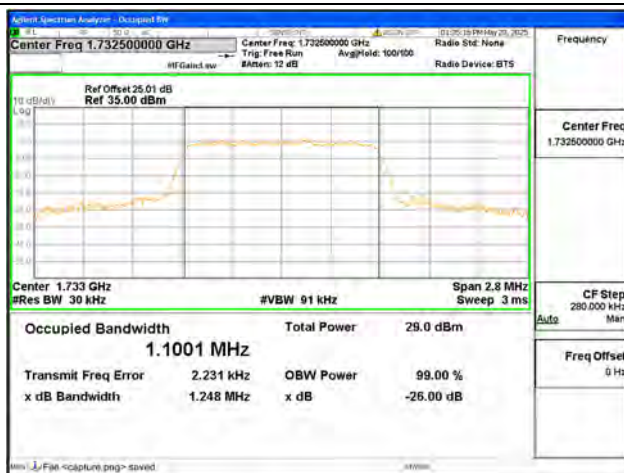
B4 / 1.4MHz / 16QAM/ Low CH



B4 / 1.4MHz / 64QAM/ Low CH



B4 / 1.4MHz / QPSK/ Mid CH



B4 / 1.4MHz / 16QAM/ Mid CH



B4 / 1.4MHz / 64QAM/ Mid CH



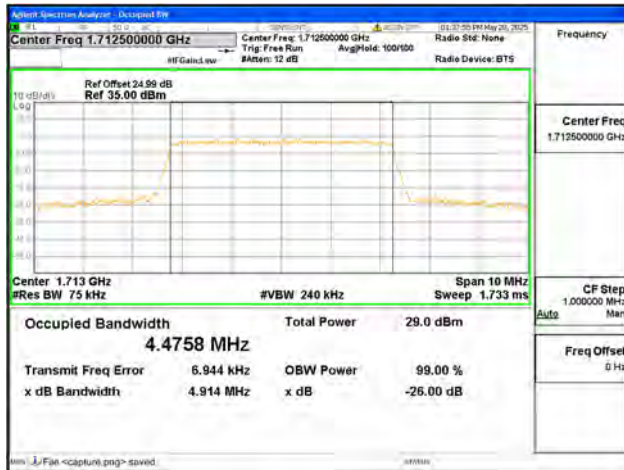




B4 / 5MHz / QPSK/ Low CH



B4 / 5MHz / 16QAM/ Low CH



B4 / 5MHz / 64QAM/ Low CH



B4 / 5MHz / QPSK/ Mid CH



B4 / 5MHz / 16QAM/ Mid CH



B4 / 5MHz / 64QAM/ Mid CH



B4 / 5MHz / QPSK/ High CH



B4 / 5MHz / 16QAM/ High CH



B4 / 5MHz / 64QAM/ High CH



B4 / 10MHz / QPSK/ Low CH



B4 / 10MHz / 16QAM/ Low CH



B4 / 10MHz / 64QAM/ Low CH



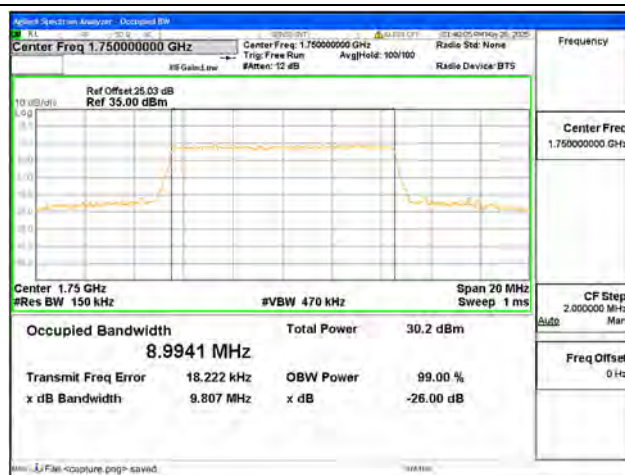
B4 / 10MHz / QPSK/ Mid CH



B4 / 10MHz / 16QAM/ Mid CH



B4 / 10MHz / 64QAM/ Mid CH



B4 / 10MHz / QPSK/ High CH



B4 / 10MHz / 16QAM/ High CH



B4 / 10MHz / 64QAM/ High CH



B4 / 15MHz / QPSK/ Low CH



B4 / 15MHz / 16QAM/ Low CH



B4 / 15MHz / 64QAM/ Low CH



B4 / 15MHz / QPSK/ Mid CH



B4 / 15MHz / 16QAM/ Mid CH



B4 / 15MHz / 64QAM/ Mid CH



B4 / 15MHz / QPSK/ High CH



B4 / 15MHz / 16QAM/ High CH



B4 / 15MHz / 64QAM/ High CH



B4 / 20MHz / QPSK/ Low CH



B4 / 20MHz / 16QAM/ Low CH



B4 / 20MHz / 64QAM/ Low CH



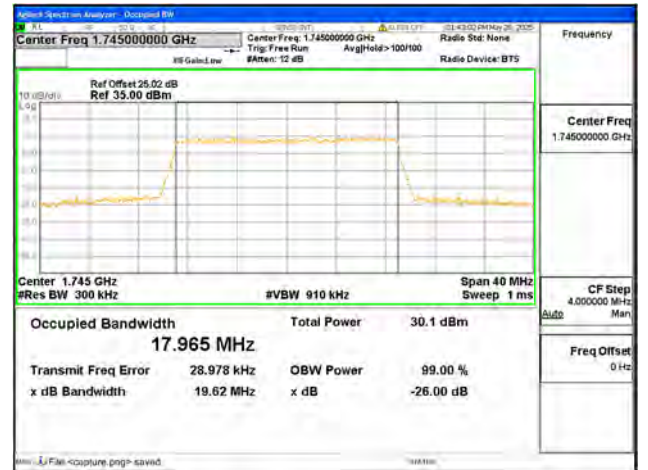
B4 / 20MHz / QPSK/ Mid CH



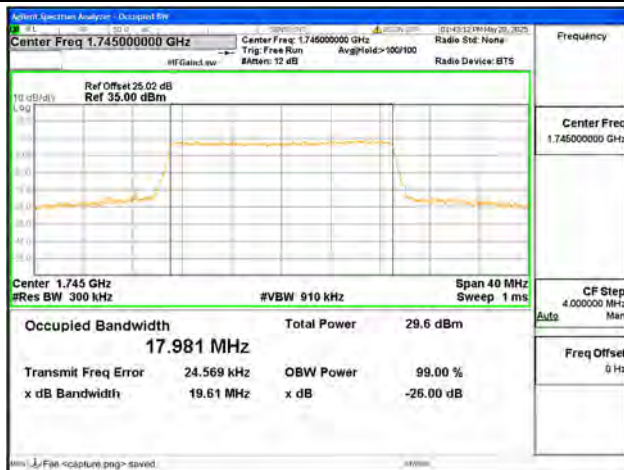
B4 / 20MHz / 16QAM/ Mid CH



B4 / 20MHz / 64QAM/ Mid CH



B4 / 20MHz / QPSK/ High CH



B4 / 20MHz / 16QAM/ High CH



B4 / 20MHz / 64QAM/ High CH



B5 / 1.4MHz / QPSK/ Low CH



B5 / 1.4MHz / 16QAM/ Low CH



B5 / 1.4MHz / 64QAM/ Low CH



B5 / 1.4MHz / QPSK/ Mid CH



B5 / 1.4MHz / 16QAM/ Mid CH



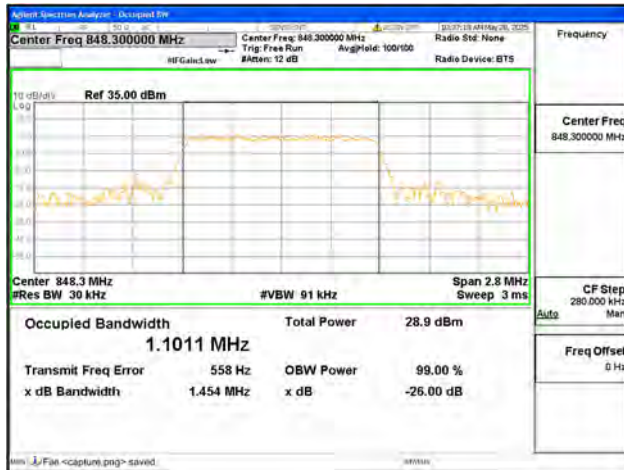
B5 / 1.4MHz / 64QAM/ Mid CH



B5 / 1.4MHz / QPSK/ High CH



B5 / 1.4MHz / 16QAM/ High CH



B5 / 1.4MHz / 64QAM/ High CH



B5 / 3MHz / QPSK/ Low CH



B5 / 3MHz / 16QAM/ Low CH



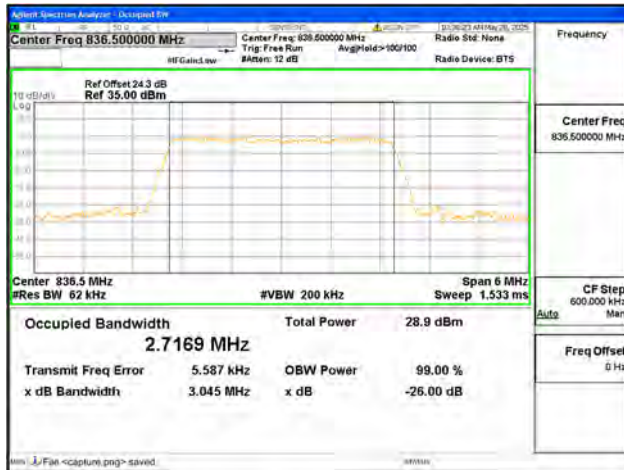
B5 / 3MHz / 64QAM/ Low CH



B5 / 3MHz / QPSK/ Mid CH



B5 / 3MHz / 16QAM/ Mid CH



B5 / 3MHz / 64QAM/ Mid CH



B5 / 3MHz / QPSK/ High CH



B5 / 3MHz / 16QAM/ High CH



B5 / 3MHz / 64QAM/ High CH



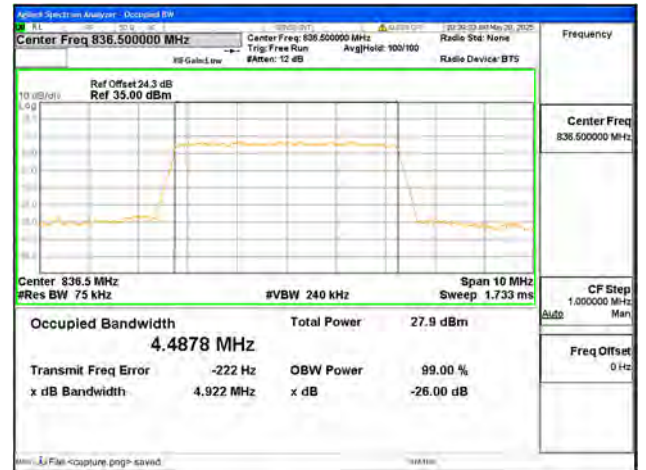
B5 / 5MHz / QPSK/ Low CH



B5 / 5MHz / 16QAM/ Low CH



B5 / 5MHz / 64QAM/ Low CH



B5 / 5MHz / QPSK/ Mid CH



B5 / 5MHz / 16QAM/ Mid CH



B5 / 5MHz / 64QAM/ Mid CH



B5 / 5MHz / QPSK/ High CH



B5 / 5MHz / 16QAM/ High CH



B5 / 5MHz / 64QAM/ High CH



B5 / 10MHz / QPSK/ Low CH



B5 / 10MHz / 16QAM/ Low CH



B5 / 10MHz / 64QAM/ Low CH



B5 / 10MHz / QPSK/ Mid CH



B5 / 10MHz / 16QAM/ Mid CH



B5 / 10MHz / 64QAM/ Mid CH



B5 / 10MHz / QPSK/ High CH



B5 / 10MHz / 16QAM/ High CH



B5 / 10MHz / 64QAM/ High CH



B12 / 1.4MHz / QPSK/ Low CH



B12 / 1.4MHz / 16QAM/ Low CH



B12 / 1.4MHz / 64QAM/ Low CH



B12 / 1.4MHz / QPSK/ Mid CH



B12 / 1.4MHz / 16QAM/ Mid CH



B12 / 1.4MHz / 64QAM/ Mid CH



B12 / 1.4MHz / QPSK/ High CH



B12 / 1.4MHz / 16QAM/ High CH



B12 / 1.4MHz / 64QAM/ High CH



B12 / 3MHz / QPSK/ Low CH



B12 / 3MHz / 16QAM/ Low CH



B12 / 3MHz / 64QAM/ Low CH



B12 / 3MHz / QPSK/ Mid CH



B12 / 3MHz / 16QAM/ Mid CH



B12 / 3MHz / 64QAM/ Mid CH



B12 / 3MHz / QPSK/ High CH



B12 / 3MHz / 16QAM/ High CH



B12 / 3MHz / 64QAM/ High CH



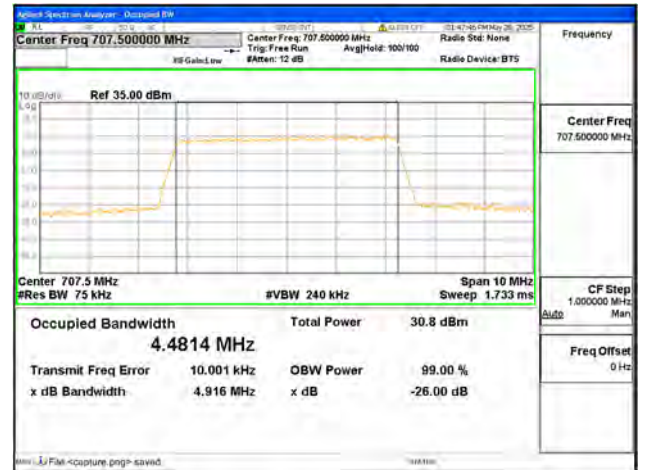
B12 / 5MHz / QPSK/ Low CH



B12 / 5MHz / 16QAM/ Low CH



B12 / 5MHz / 64QAM/ Low CH



B12 / 5MHz / QPSK/ Mid CH



B12 / 5MHz / 16QAM/ Mid CH



B12 / 5MHz / 64QAM/ Mid CH



B12 / 5MHz / QPSK/ High CH



B12 / 5MHz / 16QAM/ High CH



B12 / 5MHz / 64QAM/ High CH



B12 / 10MHz / QPSK/ Low CH



B12 / 10MHz / 16QAM/ Low CH



B12 / 10MHz / 64QAM/ Low CH



B12 / 10MHz / QPSK / Mid CH



B12 / 10MHz / 16QAM / Mid CH



B12 / 10MHz / 64QAM / Mid CH



B12 / 10MHz / QPSK / High CH



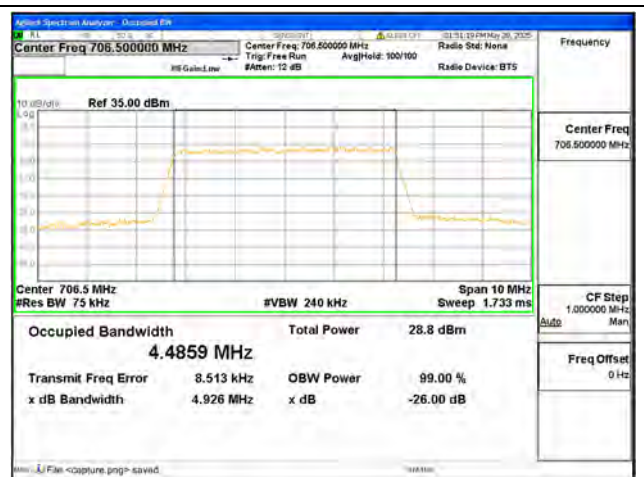
B12 / 10MHz / 16QAM / High CH



B12 / 10MHz / 64QAM / High CH



B17 / 5MHz / QPSK/ Low CH



B17 / 5MHz / 16QAM/ Low CH



B17 / 5MHz / 64QAM/ Low CH



B17 / 5MHz / QPSK/ Mid CH



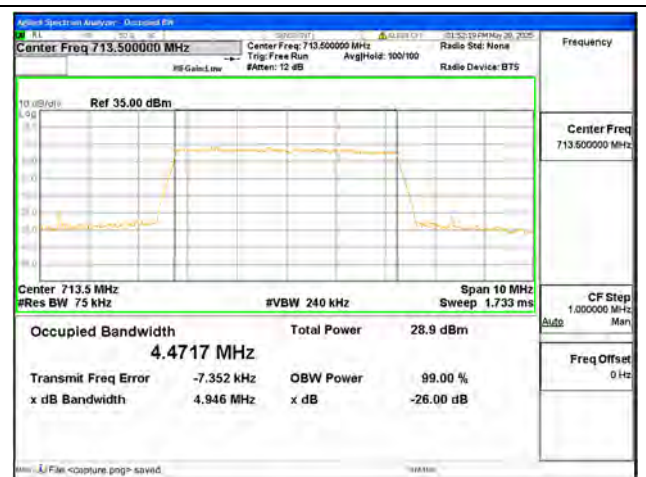
B17 / 5MHz / 16QAM/ Mid CH



B17 / 5MHz / 64QAM/ Mid CH



B17 / 5MHz / QPSK/ High CH



B17 / 5MHz / 16QAM/ High CH



B17 / 5MHz / 64QAM/ High CH



B17 / 10MHz / QPSK/ Low CH



B17 / 10MHz / 16QAM/ Low CH



B17 / 10MHz / 64QAM/ Low CH



B17 / 10MHz / QPSK / Mid CH



B17 / 10MHz / 16QAM / Mid CH



B17 / 10MHz / 64QAM / Mid CH



B17 / 10MHz / QPSK / High CH



B17 / 10MHz / 16QAM / High CH



B17 / 10MHz / 64QAM / High CH



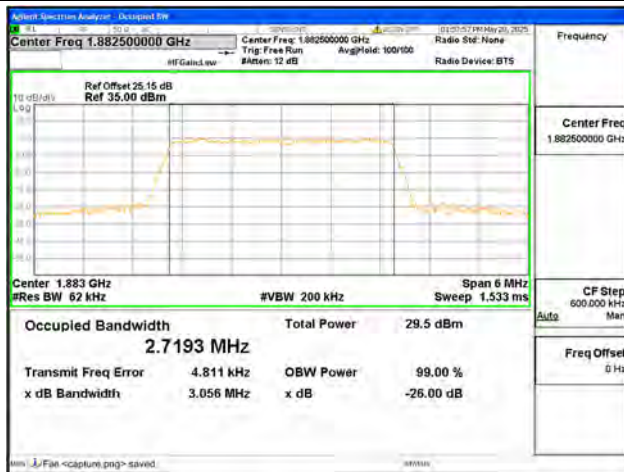




B25 / 3MHz / QPSK/ Mid CH



B25 / 3MHz / 16QAM/ Mid CH



B25 / 3MHz / 64QAM/ Mid CH



B25 / 3MHz / QPSK/ High CH



B25 / 3MHz / 16QAM/ High CH



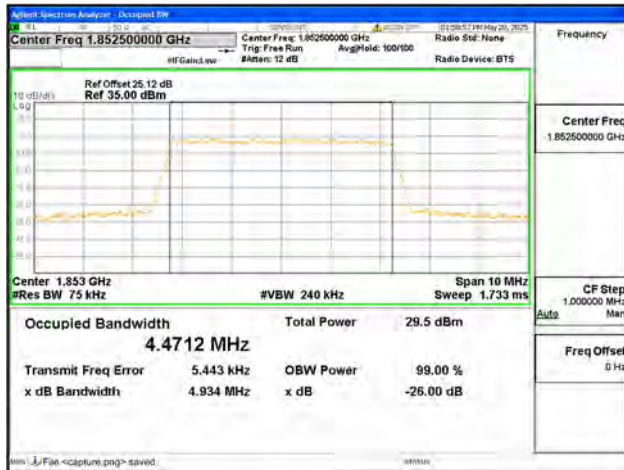
B25 / 3MHz / 64QAM/ High CH



B25 / 5MHz / QPSK/ Low CH



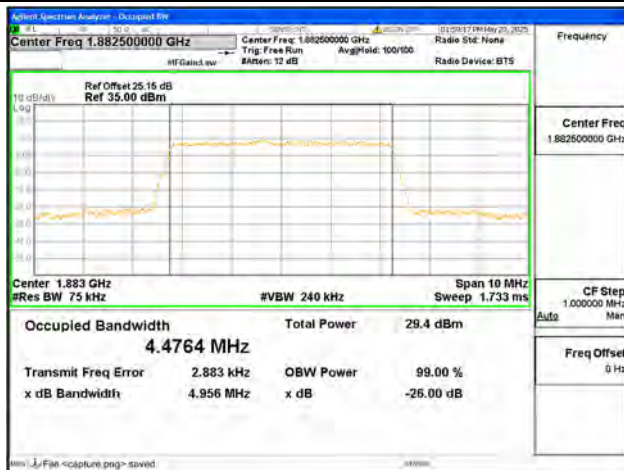
B25 / 5MHz / 16QAM/ Low CH



B25 / 5MHz / 64QAM/ Low CH



B25 / 5MHz / QPSK/ Mid CH



B25 / 5MHz / 16QAM/ Mid CH



B25 / 5MHz / 64QAM/ Mid CH



B25 / 5MHz / QPSK/ High CH



B25 / 5MHz / 16QAM/ High CH



B25 / 5MHz / 64QAM/ High CH



B25 / 10MHz / QPSK/ Low CH



B25 / 10MHz / 16QAM/ Low CH



B25 / 10MHz / 64QAM/ Low CH



B25 / 10MHz / QPSK/ Mid CH



B25 / 10MHz / 16QAM/ Mid CH



B25 / 10MHz / 64QAM/ Mid CH



B25 / 10MHz / QPSK/ High CH



B25 / 10MHz / 16QAM/ High CH



B25 / 10MHz / 64QAM/ High CH



B25 / 15MHz / QPSK/ Low CH



B25 / 15MHz / 16QAM/ Low CH



B25 / 15MHz / 64QAM/ Low CH



B25 / 15MHz / QPSK/ Mid CH



B25 / 15MHz / 16QAM/ Mid CH



B25 / 15MHz / 64QAM/ Mid CH



B25 / 15MHz / QPSK/ High CH



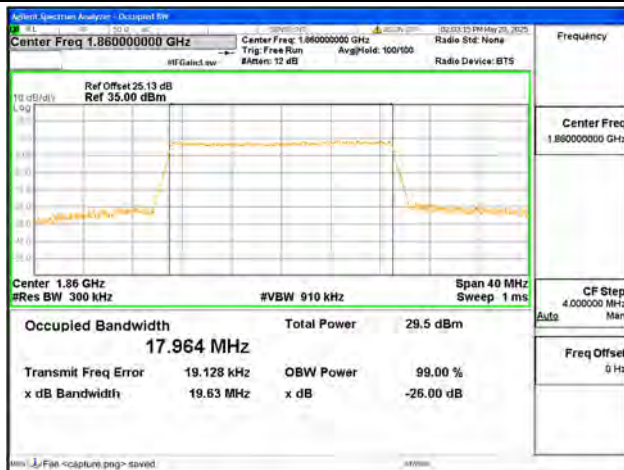
B25 / 15MHz / 16QAM/ High CH



B25 / 15MHz / 64QAM/ High CH



B25 / 20MHz / QPSK/ Low CH



B25 / 20MHz / 16QAM/ Low CH



B25 / 20MHz / 64QAM/ Low CH



B25 / 20MHz / QPSK / Mid CH



B25 / 20MHz / 16QAM / Mid CH



B25 / 20MHz / 64QAM / Mid CH



B25 / 20MHz / QPSK / High CH



B25 / 20MHz / 16QAM / High CH



B25 / 20MHz / 64QAM / High CH



B26 / 1.4MHz / QPSK/ Low CH



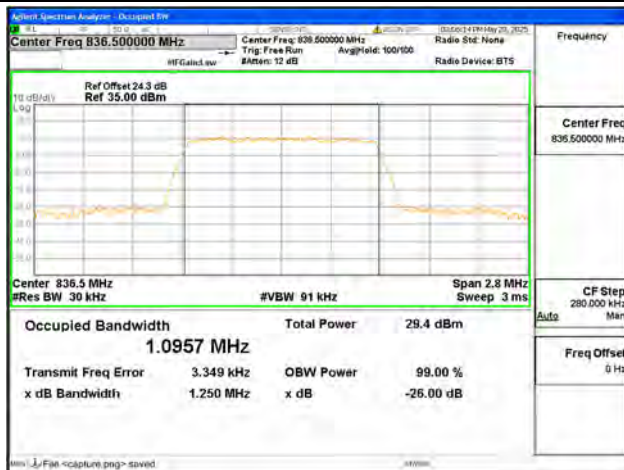
B26 / 1.4MHz / 16QAM/ Low CH



B26 / 1.4MHz / 64QAM/ Low CH



B26 / 1.4MHz / QPSK/ Mid CH



B26 / 1.4MHz / 16QAM/ Mid CH



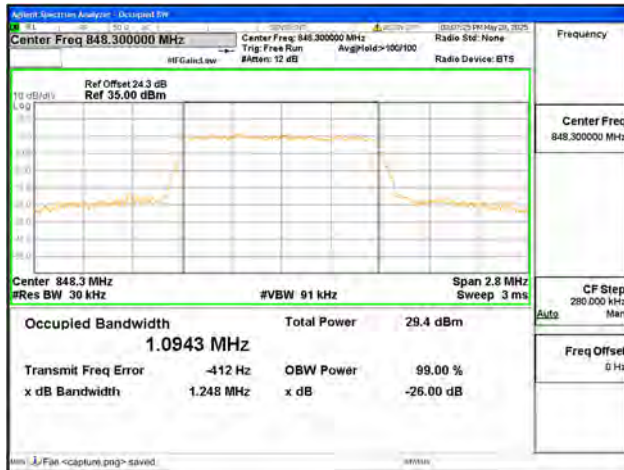
B26 / 1.4MHz / 64QAM/ Mid CH



B26 / 1.4MHz / QPSK/ High CH



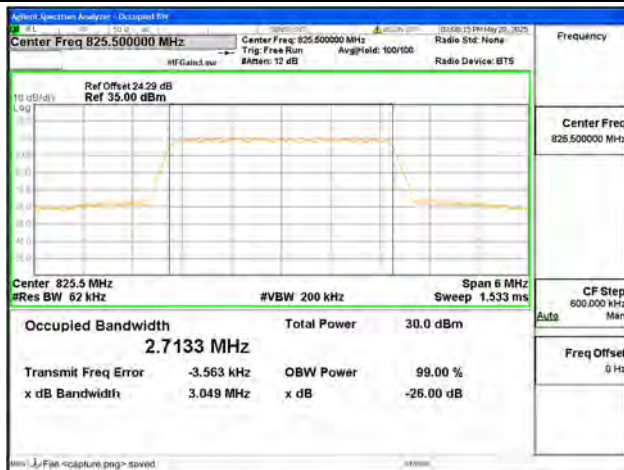
B26 / 1.4MHz / 16QAM/ High CH



B26 / 1.4MHz / 64QAM/ High CH



B26 / 3MHz / QPSK/ Low CH



B26 / 3MHz / 16QAM/ Low CH



B26 / 3MHz / 64QAM/ Low CH



B26 / 3MHz / QPSK/ Mid CH



B26 / 3MHz / 16QAM/ Mid CH



B26 / 3MHz / 64QAM/ Mid CH



B26 / 3MHz / QPSK/ High CH



B26 / 3MHz / 16QAM/ High CH



B26 / 3MHz / 64QAM/ High CH



B26 / 5MHz / QPSK/ Low CH



B26 / 5MHz / 16QAM/ Low CH



B26 / 5MHz / 64QAM/ Low CH



B26 / 5MHz / QPSK/ Mid CH



B26 / 5MHz / 16QAM/ Mid CH



B26 / 5MHz / 64QAM/ Mid CH



B26 / 5MHz / QPSK/ High CH



B26 / 5MHz / 16QAM/ High CH



B26 / 5MHz / 64QAM/ High CH



B26 / 10MHz / QPSK/ Low CH



B26 / 10MHz / 16QAM/ Low CH



B26 / 10MHz / 64QAM/ Low CH



B26 / 10MHz / QPSK/ Mid CH



B26 / 10MHz / 16QAM/ Mid CH



B26 / 10MHz / 64QAM/ Mid CH



B26 / 10MHz / QPSK/ High CH



B26 / 10MHz / 16QAM/ High CH



B26 / 10MHz / 64QAM/ High CH



B26 / 15MHz / QPSK/ Low CH



B26 / 15MHz / 16QAM/ Low CH



B26 / 15MHz / 64QAM/ Low CH



B26 / 15MHz / QPSK/ Mid CH



B26 / 15MHz / 16QAM/ Mid CH



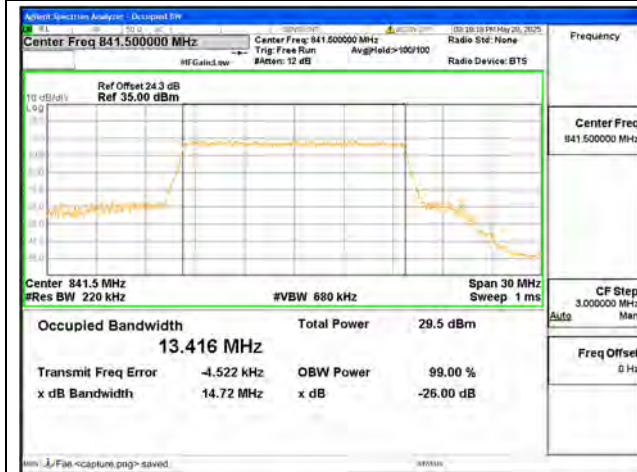
B26 / 15MHz / 64QAM/ Mid CH



B26 / 15MHz / QPSK/ High CH



B26 / 15MHz / 16QAM/ High CH



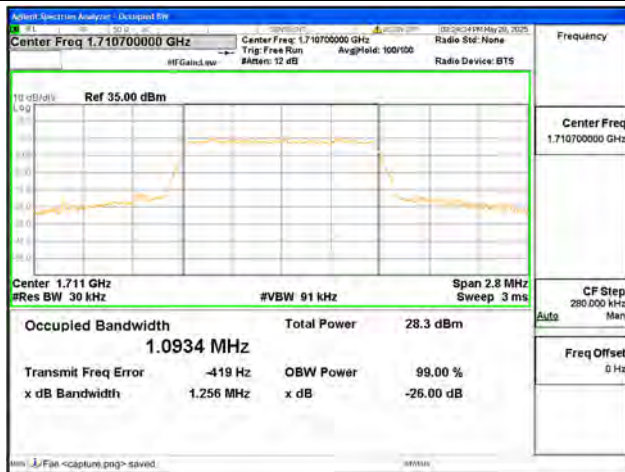
B26 / 15MHz / 64QAM/ High CH



B66 / 1.4MHz / QPSK/ Low CH



B66 / 1.4MHz / 16QAM/ Low CH



B66 / 1.4MHz / 64QAM/ Low CH



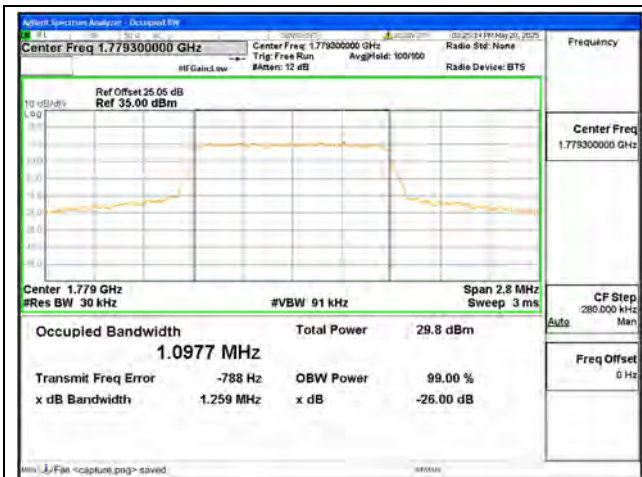
B66 / 1.4MHz / QPSK/ Mid CH



B66 / 1.4MHz / 16QAM/ Mid CH



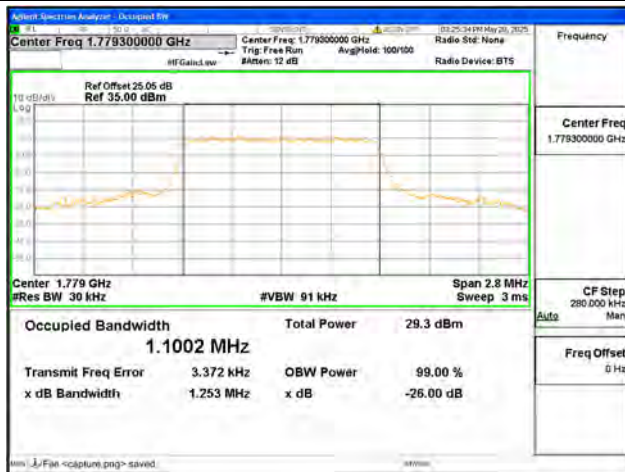
B66 / 1.4MHz / 64QAM/ Mid CH



B66 / 1.4MHz / QPSK/ High CH



B66 / 1.4MHz / 16QAM/ High CH



B66 / 1.4MHz / 64QAM/ High CH



B66 / 3MHz / QPSK/ Low CH



B66 / 3MHz / 16QAM/ Low CH



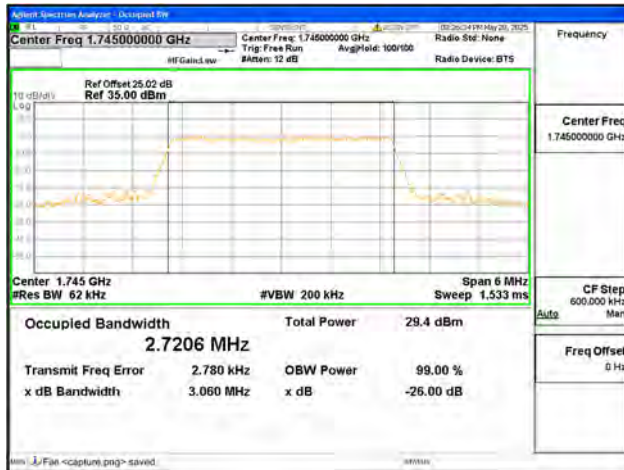
B66 / 3MHz / 64QAM/ Low CH



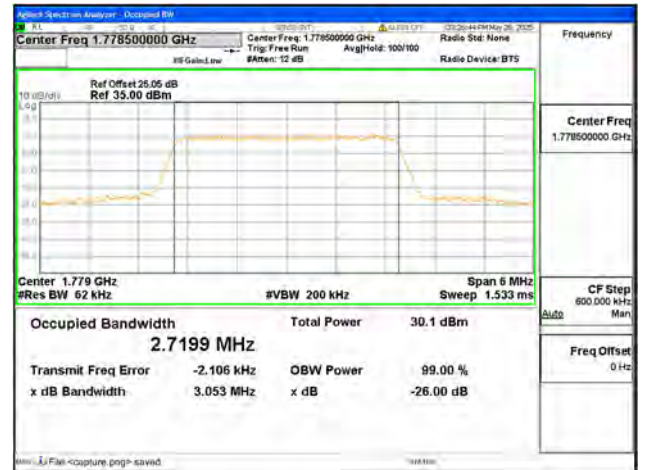
B66 / 3MHz / QPSK/ Mid CH



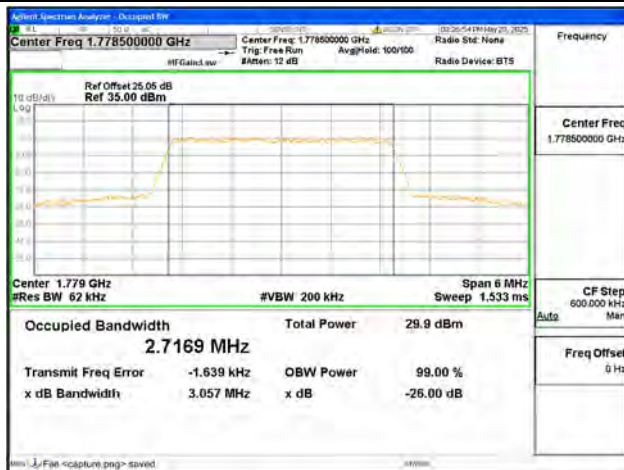
B66 / 3MHz / 16QAM/ Mid CH



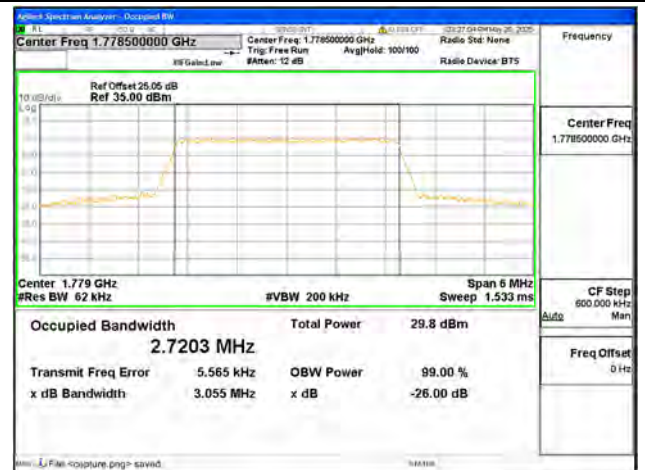
B66 / 3MHz / 64QAM/ Mid CH



B66 / 3MHz / QPSK/ High CH



B66 / 3MHz / 16QAM/ High CH



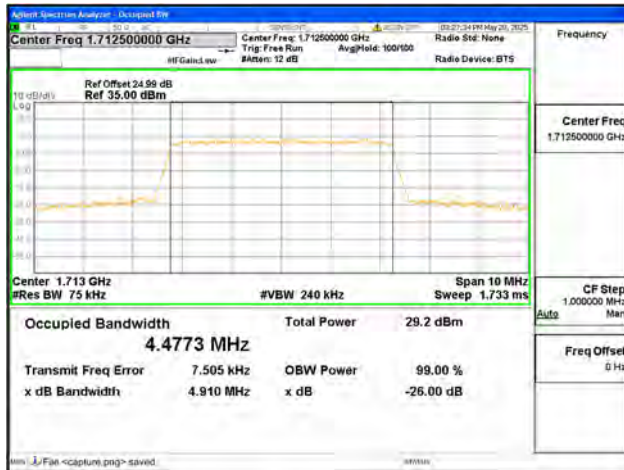
B66 / 3MHz / 64QAM/ High CH



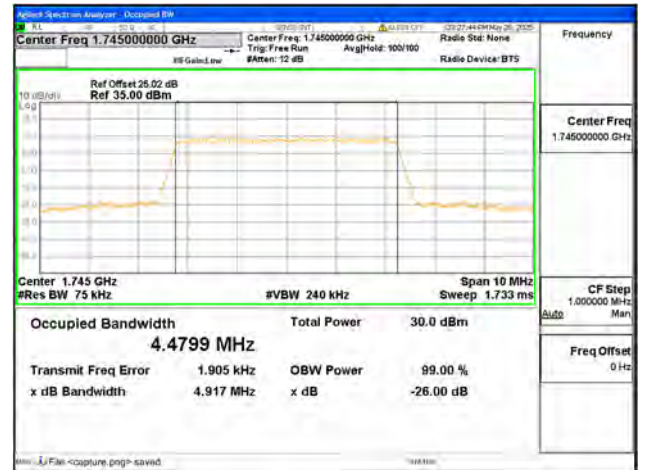
B66 / 5MHz / QPSK/ Low CH



B66 / 5MHz / 16QAM/ Low CH



B66 / 5MHz / 64QAM/ Low CH



B66 / 5MHz / QPSK/ Mid CH



B66 / 5MHz / 16QAM/ Mid CH



B66 / 5MHz / 64QAM/ Mid CH